

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056702.D
 Acq On : 22 Feb 2023 17:58
 Operator : CG/JU
 Sample : 01639-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MS

Quant Time: Feb 23 01:47:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 01:45:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.434	152	22246	20.000	ng	0.00
21) Naphthalene-d8	11.272	136	89057	20.000	ng	0.00
39) Acenaphthene-d10	15.038	164	59399	20.000	ng	0.00
64) Phenanthrene-d10	17.776	188	126027	20.000	ng	0.00
76) Chrysene-d12	22.095	240	103776	20.000	ng	0.00
86) Perylene-d12	25.644	264	95936	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.943	112	155261	113.558	ng	0.00
7) Phenol-d6	7.559	99	221001	109.427	ng	0.00
23) Nitrobenzene-d5	9.609	82	147124	84.585	ng	0.00
42) 2,4,6-Tribromophenol	16.513	330	89449	109.990	ng	0.00
45) 2-Fluorobiphenyl	13.664	172	312451	70.437	ng	0.00
79) Terphenyl-d14	20.338	244	455937	71.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.746	88	17851	29.781	ng	97
3) Pyridine	4.169	79	58186	30.689	ng	97
4) n-Nitrosodimethylamine	4.075	42	33669	38.097	ng	# 76
6) Aniline	7.747	93	33152	11.811	ng	95
8) 2-Chlorophenol	7.988	128	68497	50.635	ng	98
9) Benzaldehyde	7.553	77	44790	41.936	ng	94
10) Phenol	7.588	94	99710	48.264	ng	98
11) bis(2-Chloroethyl)ether	7.829	93	68383	44.115	ng	98
12) 1,3-Dichlorobenzene	8.323	146	75845	47.058	ng	99
13) 1,4-Dichlorobenzene	8.470	146	77138	47.523	ng	96
14) 1,2-Dichlorobenzene	8.793	146	77014	49.362	ng	95
15) Benzyl Alcohol	8.664	79	79625	44.031	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.951	45	91742	44.084	ng	97
17) 2-Methylphenol	8.863	107	63583	43.795	ng	98
18) Hexachloroethane	9.539	117	27511	53.505	ng	100
19) n-Nitroso-di-n-propyla...	9.233	70	63268	41.845	ng	97
20) 3+4-Methylphenols	9.186	107	85442	42.841	ng	95
22) Acetophenone	9.263	105	115179	42.328	ng	# 97
24) Nitrobenzene	9.651	77	97291	48.021	ng	93
25) Isophorone	10.174	82	168849	39.888	ng	98
26) 2-Nitrophenol	10.367	139	40337	56.322	ng	# 84
27) 2,4-Dimethylphenol	10.409	122	71888	43.925	ng	97
28) bis(2-Chloroethoxy)met...	10.649	93	90889	42.130	ng	98
29) 2,4-Dichlorophenol	10.902	162	77575	47.825	ng	99
30) 1,2,4-Trichlorobenzene	11.131	180	87626	45.350	ng	94
31) Naphthalene	11.325	128	223665	45.315	ng	99
32) Benzoic acid	10.538	122	53115m	50.354	ng	
33) 4-Chloroaniline	11.419	127	28654	12.707	ng	96
34) Hexachlorobutadiene	11.601	225	62499	45.262	ng	98
35) Caprolactam	12.189	113	21305m	40.837	ng	
36) 4-Chloro-3-methylphenol	12.500	107	77489	43.320	ng	97
37) 2-Methylnaphthalene	12.894	142	161983	41.565	ng	97
38) 1-Methylnaphthalene	13.111	142	151434	41.643	ng	99
40) 1,2,4,5-Tetrachloroben...	13.252	216	109799	49.725	ng	99
41) Hexachlorocyclopentadiene	13.229	237	43896	36.652	ng	97
43) 2,4,6-Trichlorophenol	13.481	196	70033	52.274	ng	97

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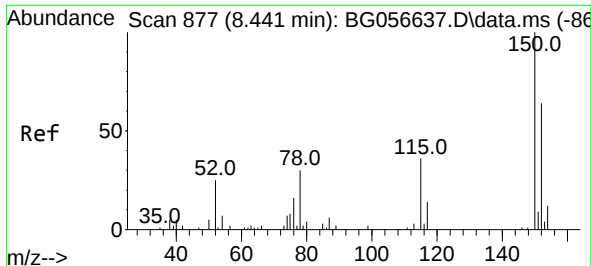
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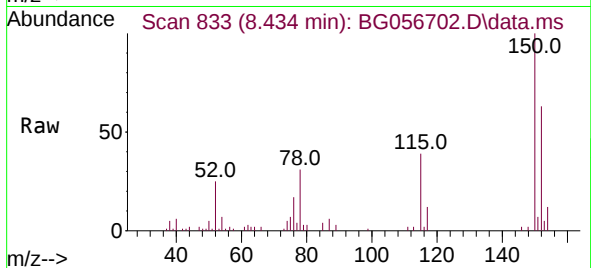
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	75115	46.781	ng	97
46) 1,1'-Biphenyl	13.881	154	210981	46.889	ng	98
47) 2-Chloronaphthalene	13.928	162	171939	48.288	ng	97
48) 2-Nitroaniline	14.116	65	56943	54.144	ng	86
49) Acenaphthylene	14.768	152	255981	44.245	ng	96
50) Dimethylphthalate	14.474	163	204257	41.597	ng	100
51) 2,6-Dinitrotoluene	14.598	165	43880	46.009	ng	90
52) Acenaphthene	15.103	154	172740	48.403	ng	97
53) 3-Nitroaniline	14.927	138	26801	28.118	ng	97
54) 2,4-Dinitrophenol	15.132	184	24671	43.490	ng	# 55
55) Dibenzofuran	15.432	168	265597	44.052	ng	99
56) 4-Nitrophenol	15.215	139	72207	98.876	ng	# 80
57) 2,4-Dinitrotoluene	15.379	165	60016	50.116	ng	# 82
58) Fluorene	16.078	166	213611	44.810	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.649	232	65813	46.766	ng	# 90
60) Diethylphthalate	15.820	149	197048	39.782	ng	100
61) 4-Chlorophenyl-phenyle...	16.055	204	117762	40.436	ng	98
62) 4-Nitroaniline	16.084	138	37425	37.675	ng	96
63) Azobenzene	16.349	77	216521	43.678	ng	98
65) 4,6-Dinitro-2-methylph...	16.143	198	17692	27.185	ng	85
66) n-Nitrosodiphenylamine	16.266	169	180271	49.170	ng	99
67) 4-Bromophenyl-phenylether	16.948	248	76386	47.208	ng	93
68) Hexachlorobenzene	17.077	284	81633	49.519	ng	99
69) Atrazine	17.201	200	70442	50.036	ng	98
70) Pentachlorophenol	17.418	266	101365	92.848	ng	96
71) Phenanthrene	17.817	178	594979	86.776	ng	99
72) Anthracene	17.906	178	361804	51.569	ng	99
73) Carbazole	18.170	167	290700	48.066	ng	97
74) Di-n-butylphthalate	18.693	149	290862	42.975	ng	99
75) Fluoranthene	19.803	202	979639	108.283	ng	99
77) Benzidine	19.962	184	37426	15.078	ng	98
78) Pyrene	20.162	202	890058	113.566	ng	98
80) Butylbenzylphthalate	21.020	149	112347	47.736	ng	93
81) Benzo(a)anthracene	22.071	228	628770	81.473	ng	97
82) 3,3'-Dichlorobenzidine	21.966	252	52403	20.929	ng	97
83) Chrysene	22.148	228	593481	82.259	ng	96
84) Bis(2-ethylhexyl)phtha...	21.930	149	164873	46.750	ng	100
85) Di-n-octyl phthalate	23.252	149	281393	48.006	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.745	276	329081	43.799	ng	# 94
88) Benzo(b)fluoranthene	24.515	252	601881	96.031	ng	98
89) Benzo(k)fluoranthene	24.586	252	538200	87.322	ng	99
90) Benzo(a)pyrene	25.485	252	472369	78.407	ng	98
91) Dibenzo(a,h)anthracene	29.803	278	218886	35.175	ng	# 98
92) Benzo(g,h,i)perylene	31.037	276	232106	38.173	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.434 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

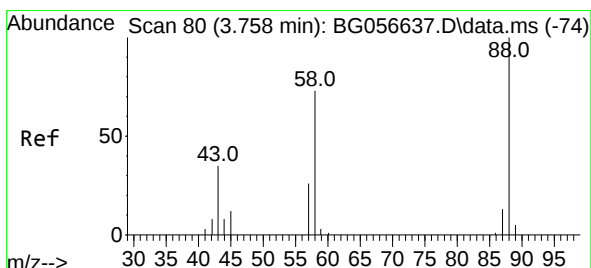
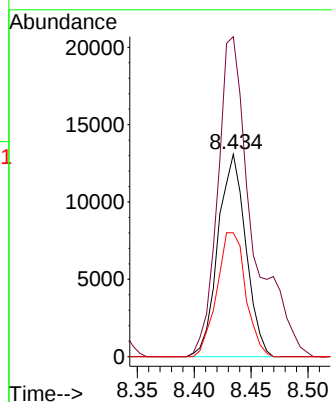
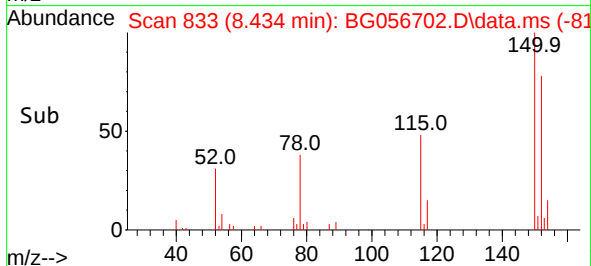
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion: 152 Resp: 22246
Ion Ratio Lower Upper
152 100
150 158.2 124.8 187.2
115 61.2 44.7 67.1

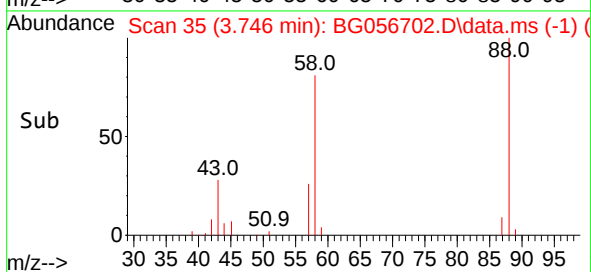
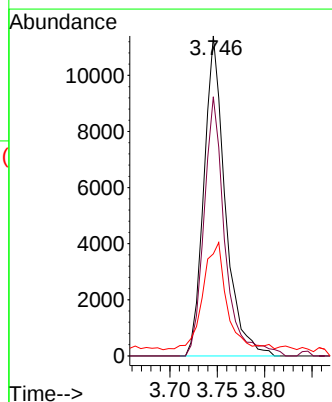
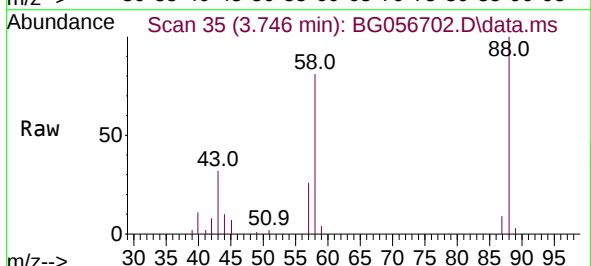
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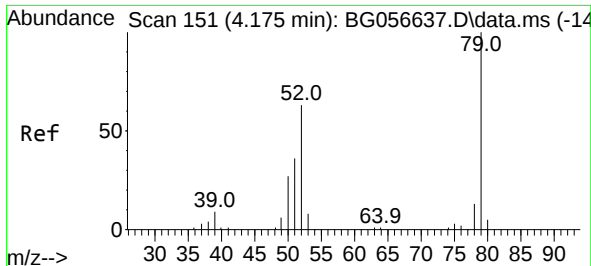
Reviewed By : Christian Giraldo 02/23/2023
Supervised By : Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 29.781 ng
RT: 3.746 min Scan# 35
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

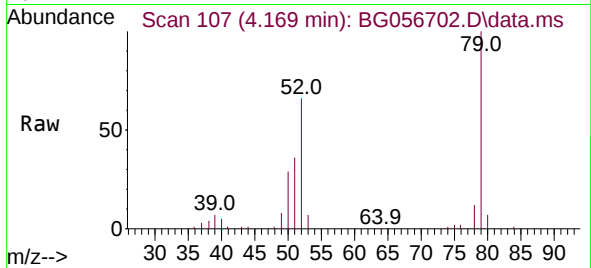
Tgt Ion: 88 Resp: 17851
Ion Ratio Lower Upper
88 100
58 79.3 62.2 93.2
43 36.9 26.6 40.0





#3
Pyridine
Concen: 30.689 ng
RT: 4.169 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

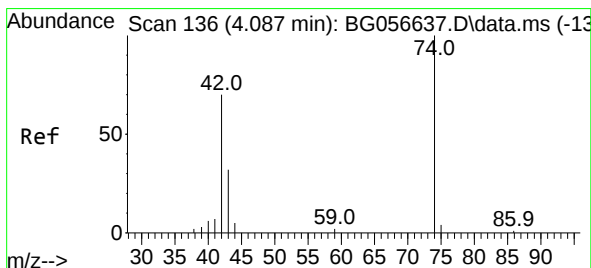
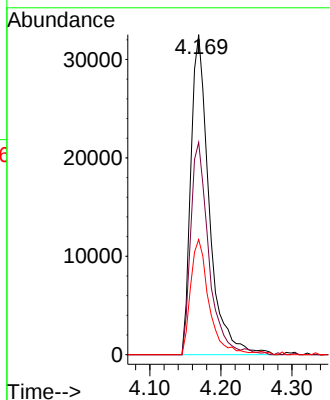
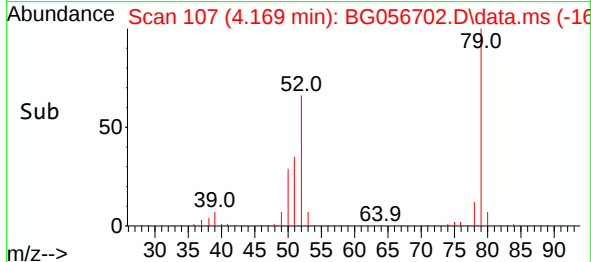
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



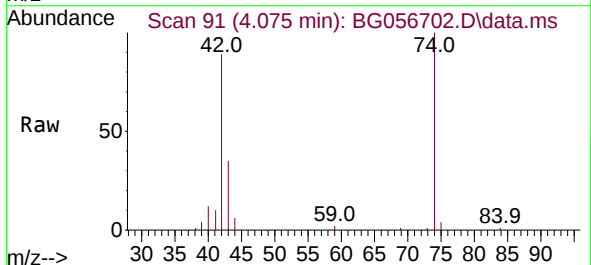
Tgt Ion: 79 Resp: 58186
Ion Ratio Lower Upper
79 100
52 66.3 50.8 76.2
51 36.0 29.1 43.7

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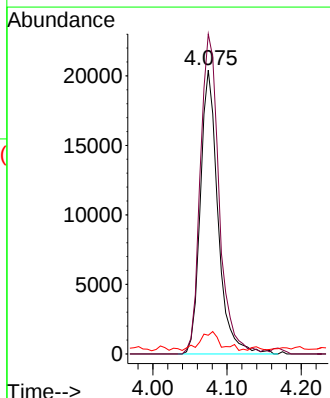
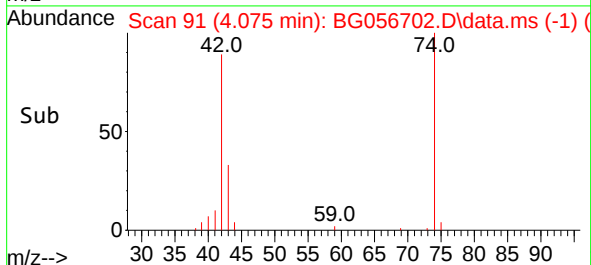
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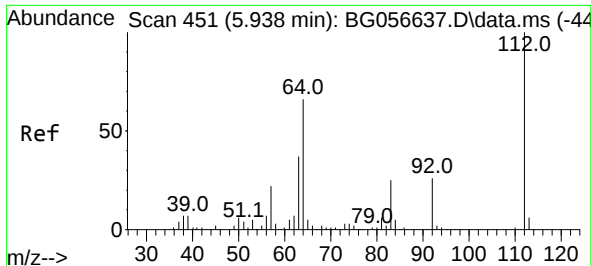


#4
n-Nitrosodimethylamine
Concen: 38.097 ng
RT: 4.075 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion: 42 Resp: 33669
Ion Ratio Lower Upper
42 100
74 112.8 114.5 171.7#
44 6.6 7.2 10.8#





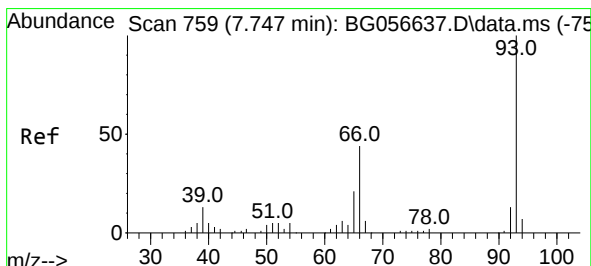
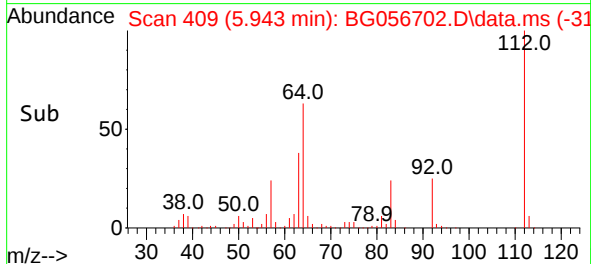
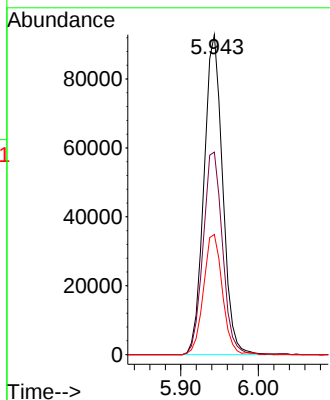
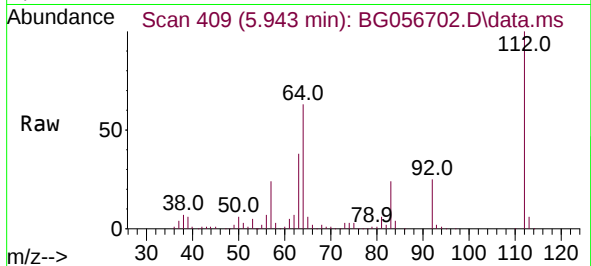
#5
2-Fluorophenol
Concen: 113.558 ng
RT: 5.943 min Scan# 409
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:112 Resp: 15526
Ion Ratio Lower Upper
112 100
64 63.3 52.6 78.8
63 37.5 29.8 44.6

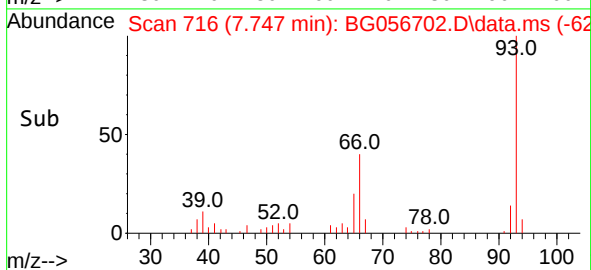
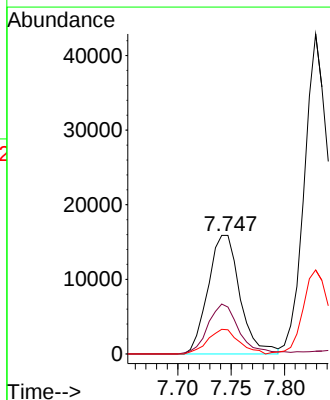
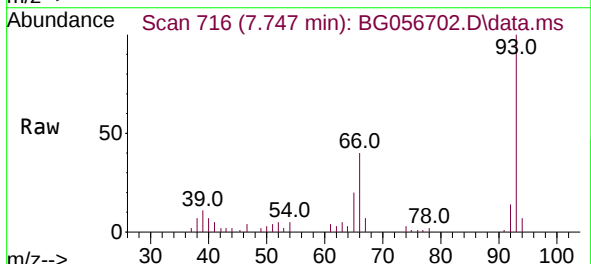
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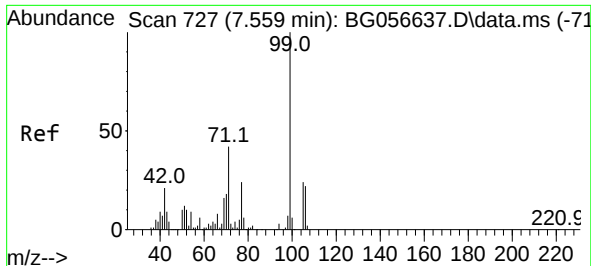
Reviewed By :Christian Giraldo 02/23/2023
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#6
Aniline
Concen: 11.811 ng
RT: 7.747 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion: 93 Resp: 33152
Ion Ratio Lower Upper
93 100
66 39.6 35.0 52.4
65 20.4 16.5 24.7





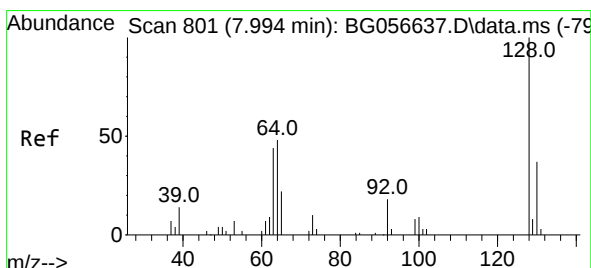
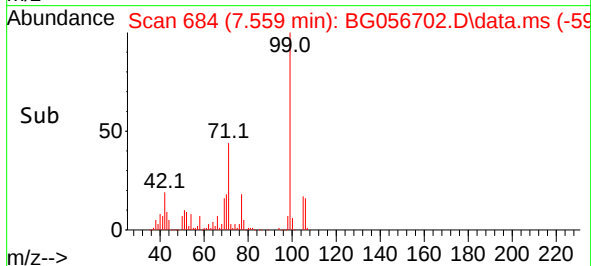
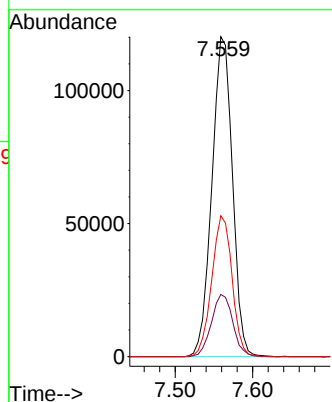
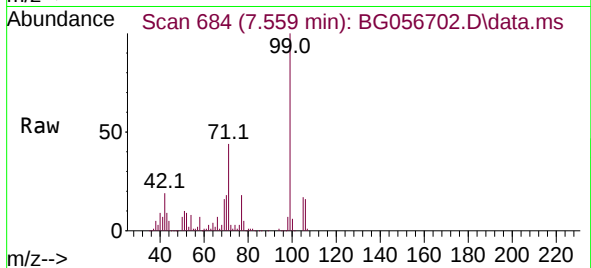
#7
Phenol-d6
Concen: 109.427 ng
RT: 7.559 min Scan# 684
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
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ClientSampleId :
TR-05-02212023MS

Tgt Ion: 99 Resp: 22100
Ion Ratio Lower Upper
99 100
42 19.4 16.8 25.2
71 44.0 33.9 50.9

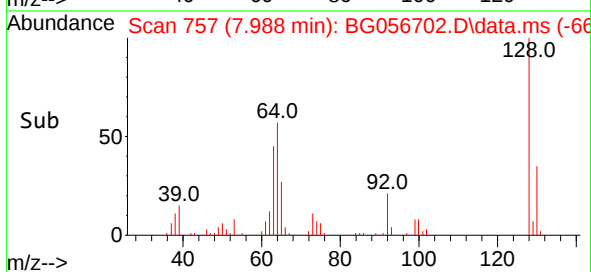
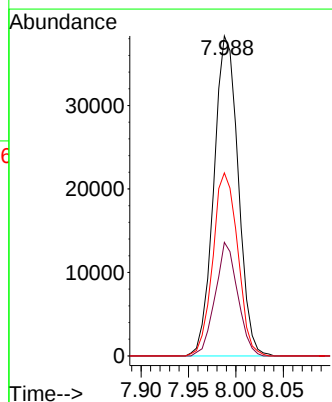
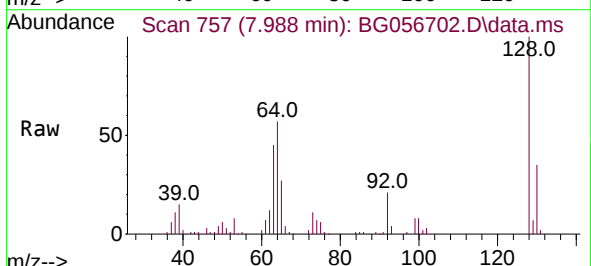
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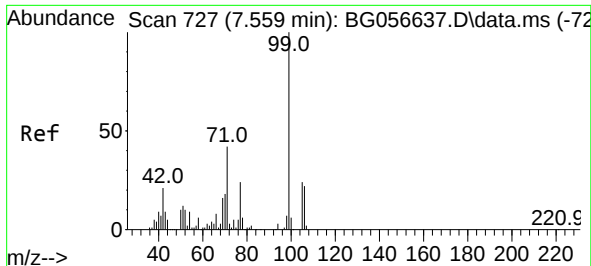
Reviewed By :Christian Giraldo 02/23/2023
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#8
2-Chlorophenol
Concen: 50.635 ng
RT: 7.988 min Scan# 757
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:128 Resp: 68497
Ion Ratio Lower Upper
128 100
130 35.5 16.8 56.8
64 57.2 36.3 76.3





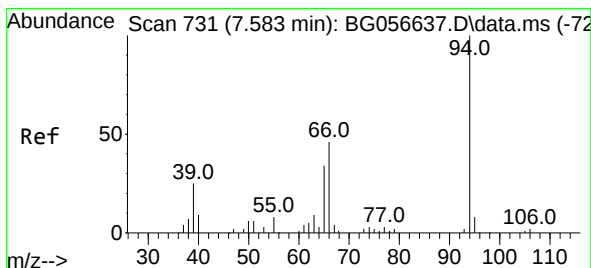
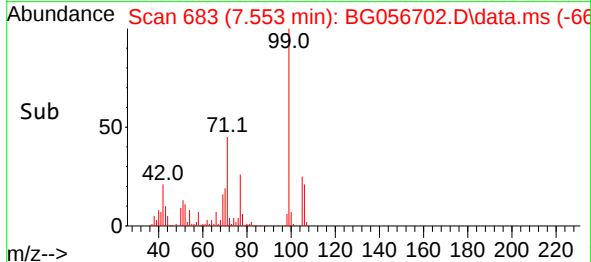
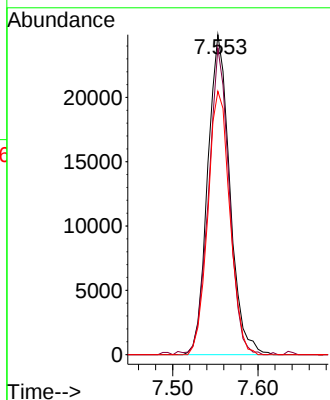
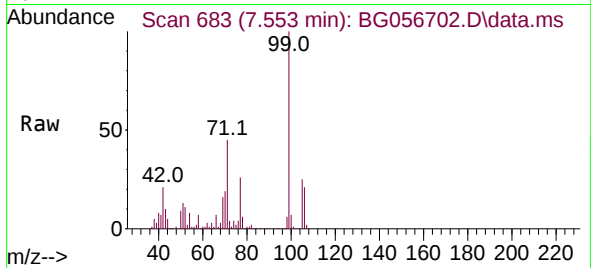
#9
Benzaldehyde
Concen: 41.936 ng
RT: 7.553 min Scan# 688
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 77 Resp: 44790
Ion Ratio Lower Upper
77 100
105 95.9 78.4 118.4
106 82.3 71.3 111.3

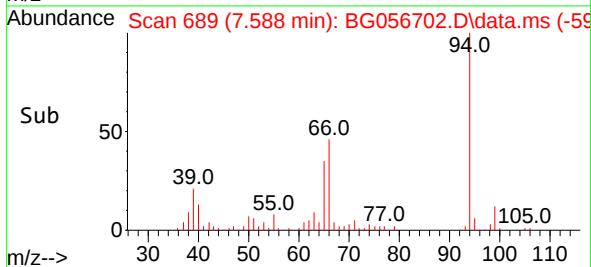
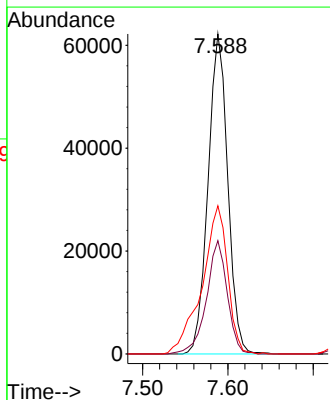
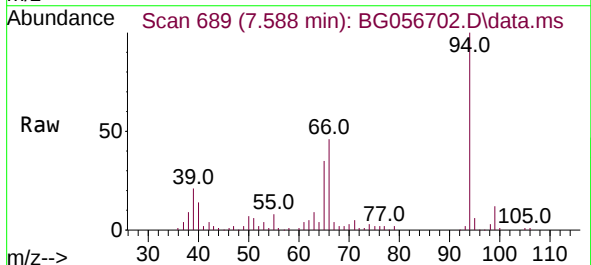
Manual Integrations
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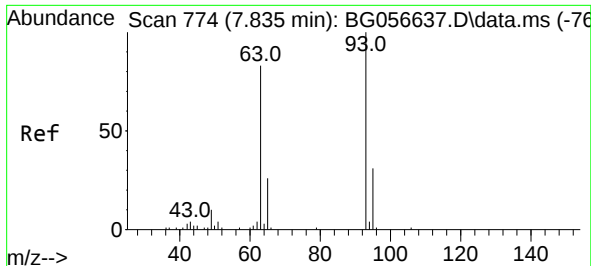
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 48.264 ng
RT: 7.588 min Scan# 689
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion: 94 Resp: 99710
Ion Ratio Lower Upper
94 100
65 35.4 14.2 54.2
66 46.3 27.9 67.9





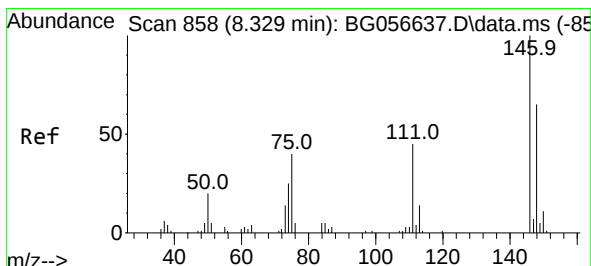
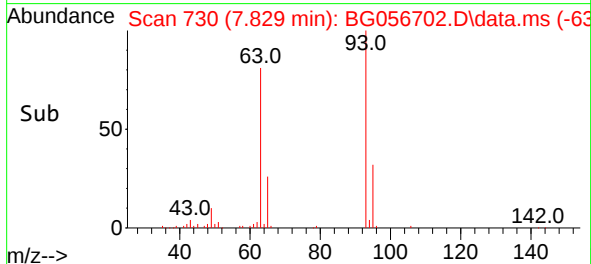
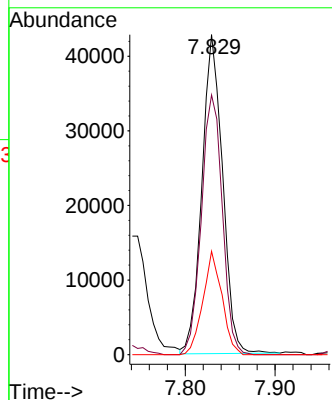
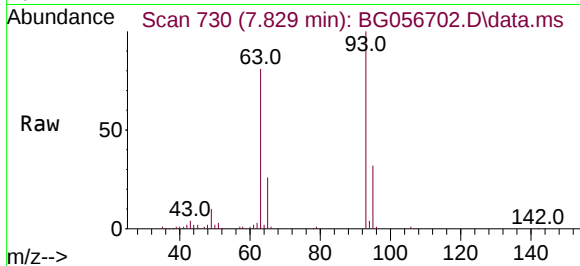
#11
bis(2-Chloroethyl)ether
Concen: 44.115 ng
RT: 7.829 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 93 Resp: 68383
Ion Ratio Lower Upper
93 100
63 81.2 62.8 102.8
95 32.3 10.8 50.8

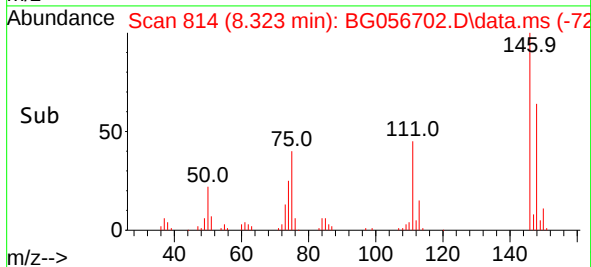
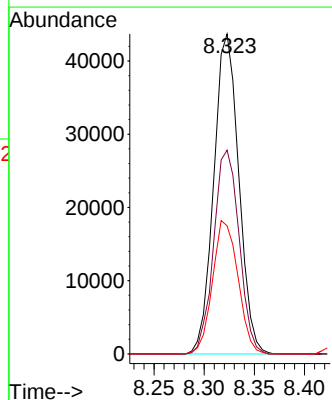
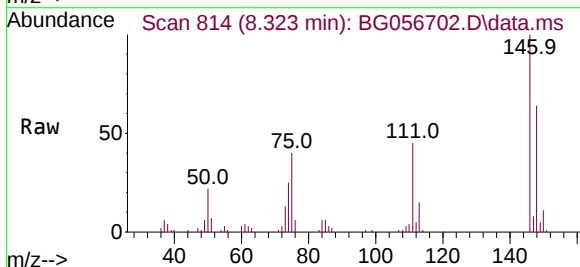
Manual Integrations
APPROVED

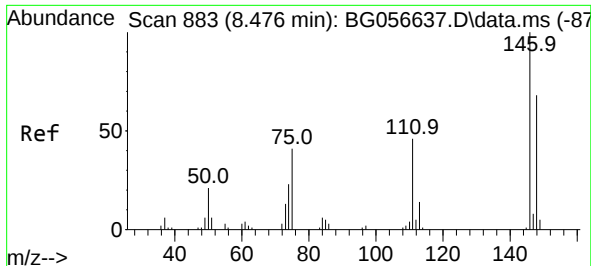
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 47.058 ng
RT: 8.323 min Scan# 814
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:146 Resp: 75845
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 40.0 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 47.523 ng

RT: 8.470 min Scan# 883

Delta R.T. 0.008 min

Lab File: BG056702.D

Acq: 22 Feb 2023 17:58

Instrument :

BNA_G

ClientSampleId :

TR-05-02212023MS

Tgt Ion:146 Resp: 77138

Ion Ratio Lower Upper

146 100

148 66.0 54.5 81.7

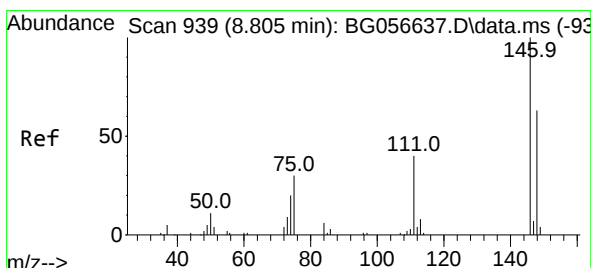
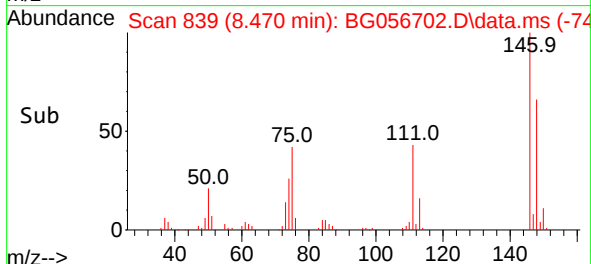
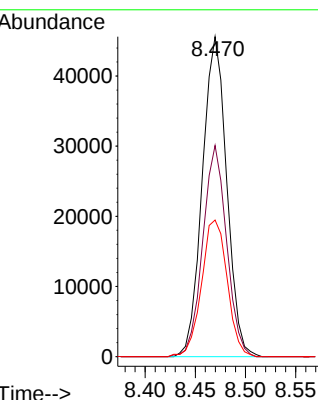
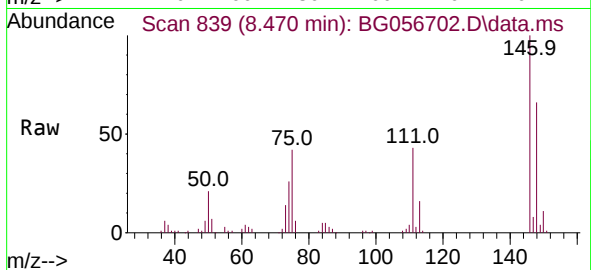
111 42.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 49.362 ng

RT: 8.793 min Scan# 894

Delta R.T. 0.002 min

Lab File: BG056702.D

Acq: 22 Feb 2023 17:58

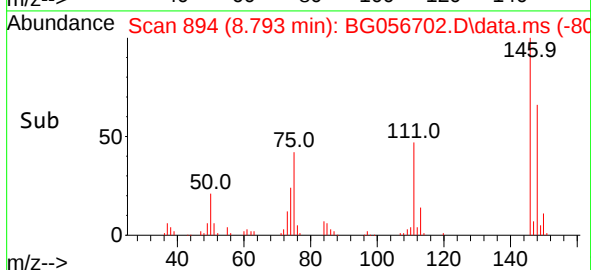
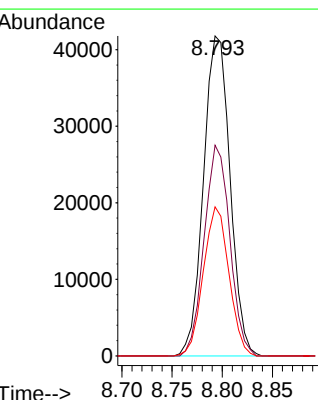
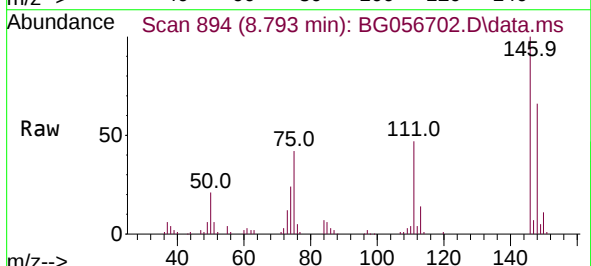
Tgt Ion:146 Resp: 77014

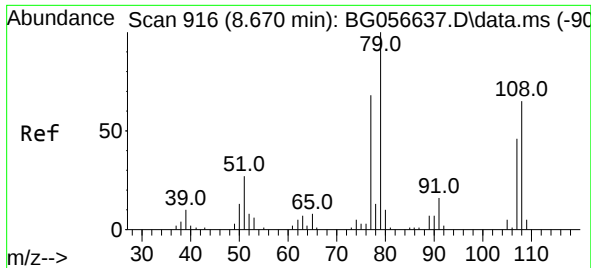
Ion Ratio Lower Upper

146 100

148 65.8 50.7 76.1

111 46.6 33.8 50.6





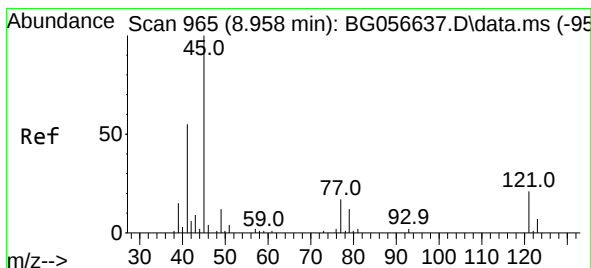
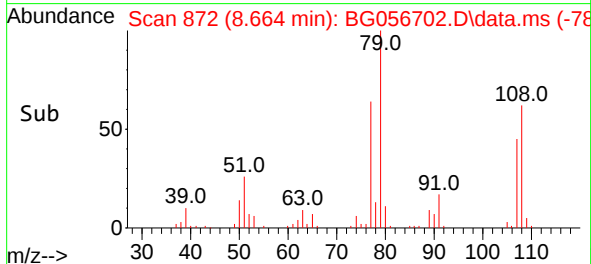
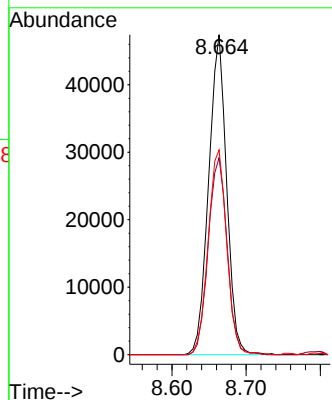
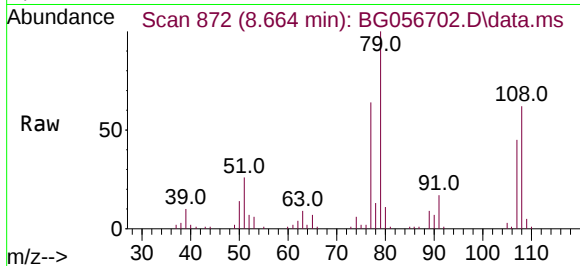
#15
Benzyl Alcohol
Concen: 44.031 ng
RT: 8.664 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 79 Resp: 79625
Ion Ratio Lower Upper
79 100
108 61.5 52.0 78.0
77 64.0 54.2 81.2

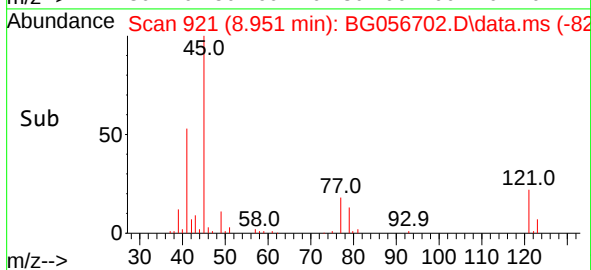
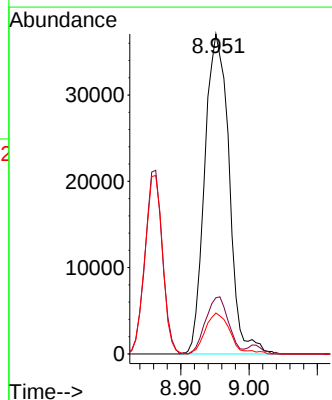
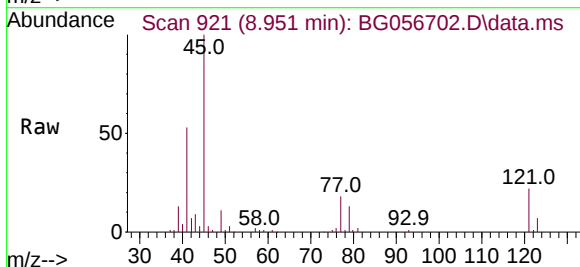
Manual Integrations
APPROVED

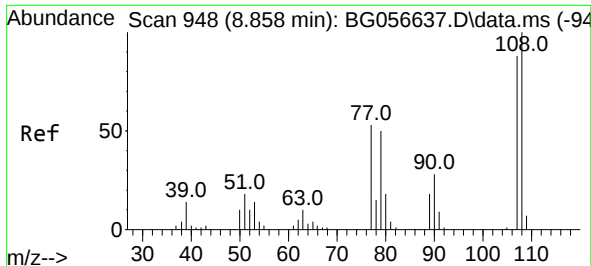
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.084 ng
RT: 8.951 min Scan# 921
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

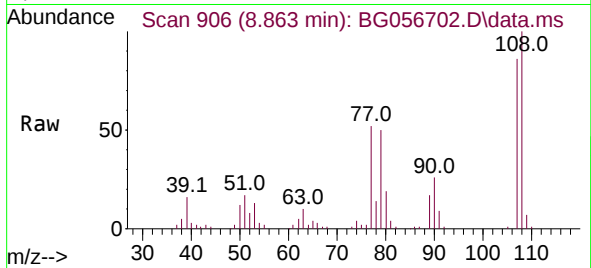
Tgt Ion: 45 Resp: 91742
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.5
79 12.8 0.0 31.6





#17
2-Methylphenol
Concen: 43.795 ng
RT: 8.863 min Scan# 90
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

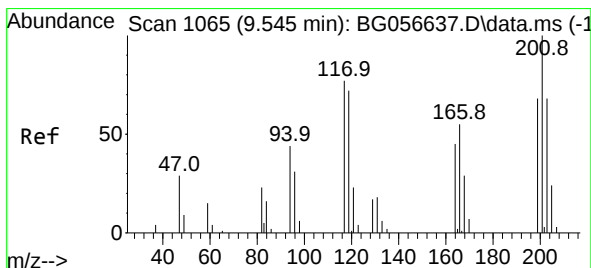
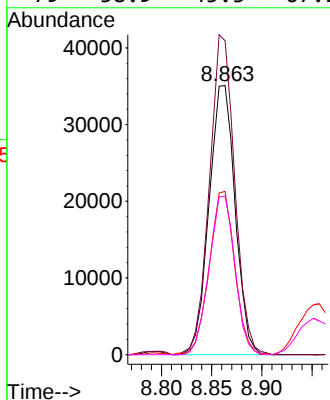
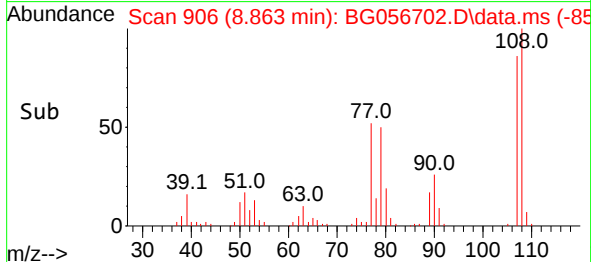
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



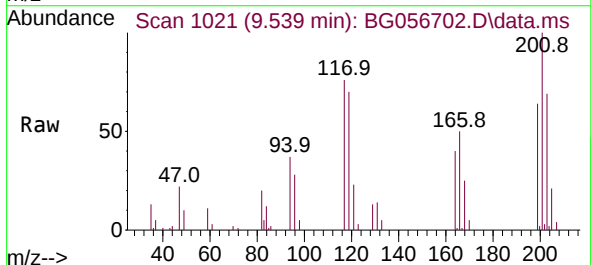
Tgt Ion:107 Resp: 63583
Ion Ratio Lower Upper
107 100
108 116.6 91.3 136.9
77 60.7 48.5 72.7
79 58.9 45.3 67.9

Manual Integrations
APPROVED

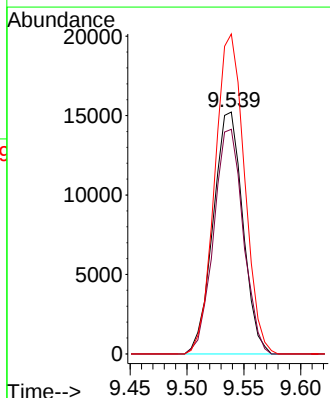
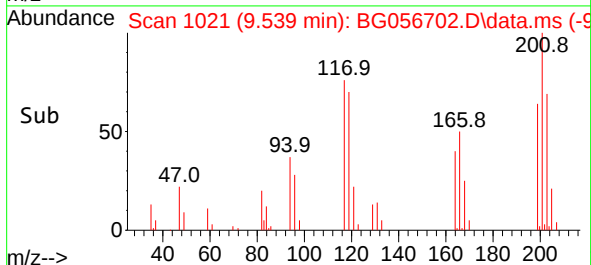
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

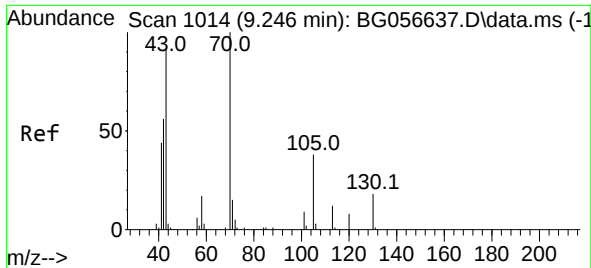


#18
Hexachloroethane
Concen: 53.505 ng
RT: 9.539 min Scan# 1021
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:117 Resp: 27511
Ion Ratio Lower Upper
117 100
119 92.8 74.1 111.1
201 132.3 106.4 159.6





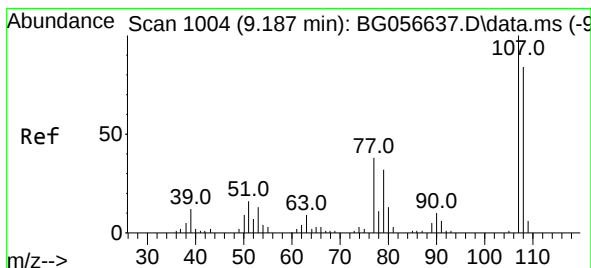
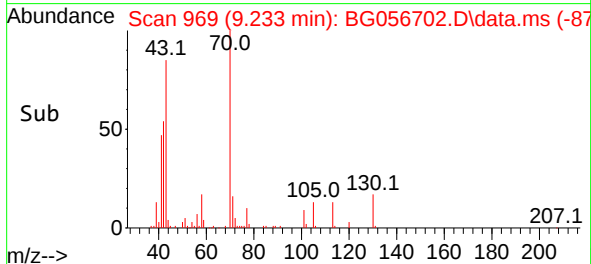
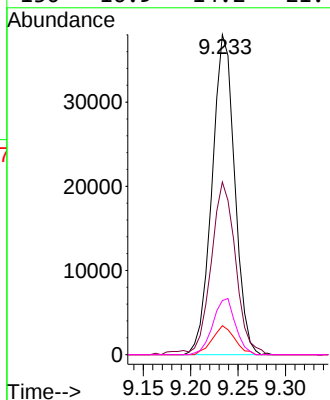
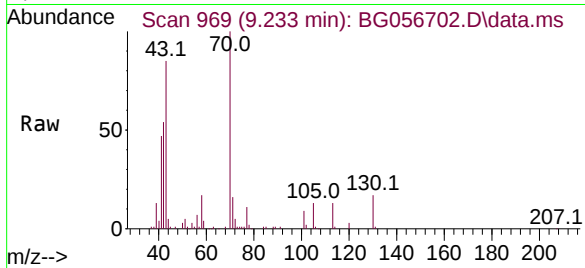
#19
n-Nitroso-di-n-propylamine
Concen: 41.845 ng
RT: 9.233 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 70 Resp: 63268
Ion Ratio Lower Upper
70 100
42 53.9 45.7 68.5
101 9.0 7.4 11.0
130 16.9 14.2 21.4

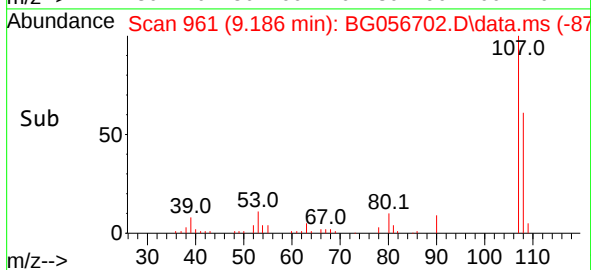
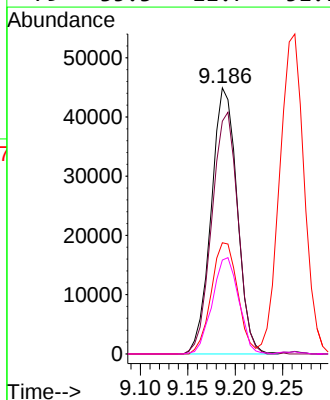
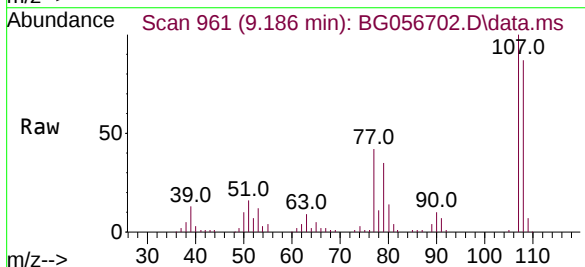
Manual Integrations
APPROVED

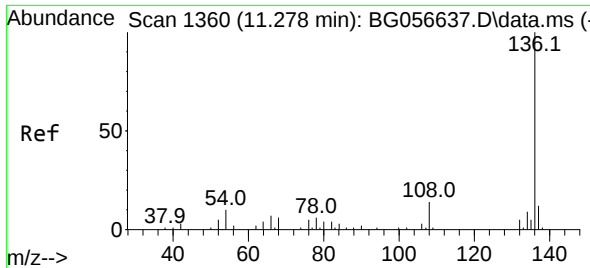
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 9.186 min Scan# 961
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:107 Resp: 85442
Ion Ratio Lower Upper
107 100
108 87.5 64.3 104.3
77 41.7 17.8 57.8
79 35.3 11.7 51.7





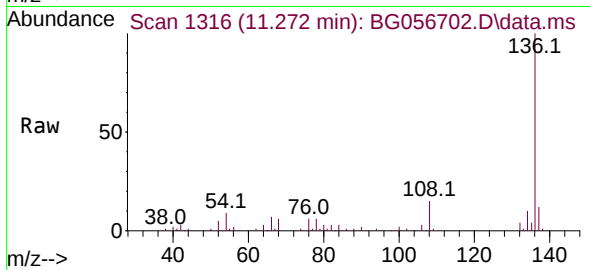
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.272 min Scan# 1360
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :

BNA_G

ClientSampleId :

TR-05-02212023MS

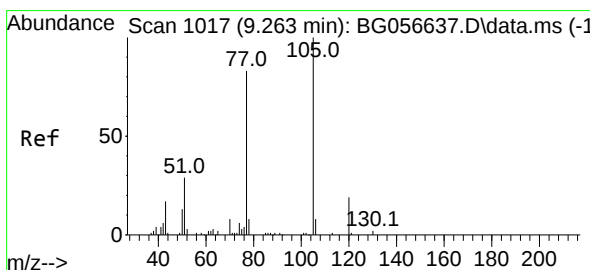
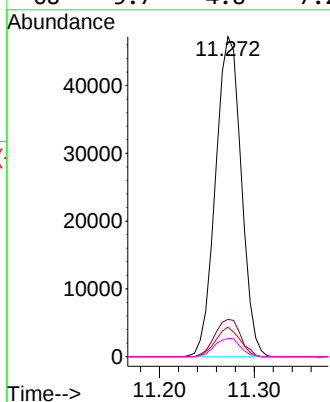
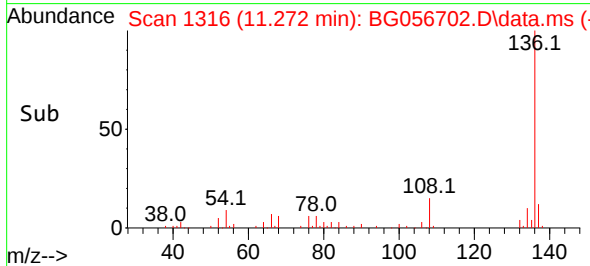


Tgt Ion:	136	Resp:	8905
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.7	14.5
54	9.2	7.7	11.5
68	5.7	4.8	7.2

Manual Integrations

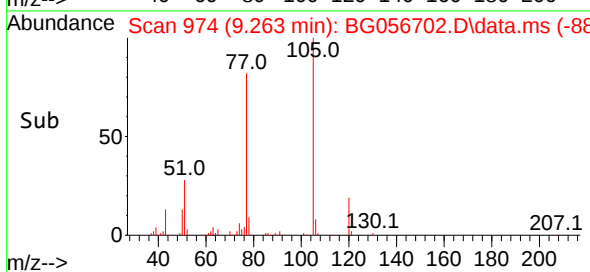
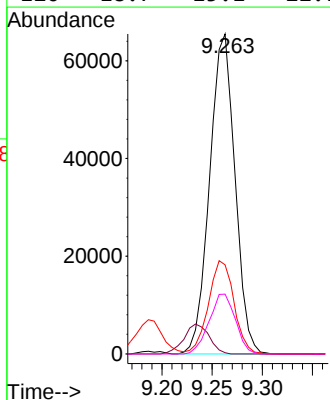
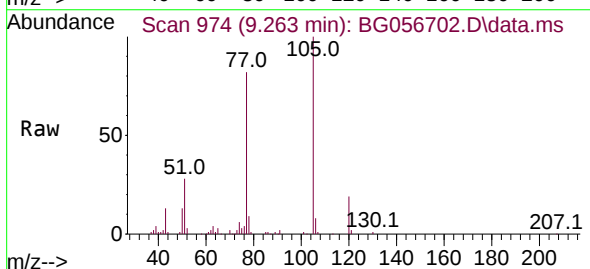
APPROVED

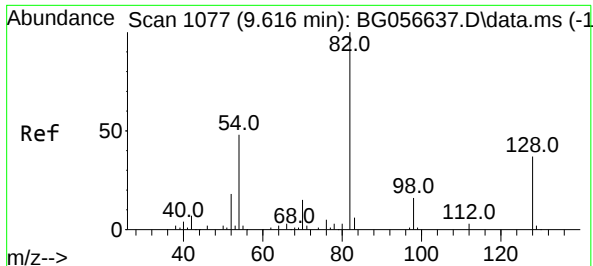
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 42.328 ng
RT: 9.263 min Scan# 974
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:	105	Resp:	115179
Ion Ratio	Lower	Upper	
105	100		
71	0.4	1.4	2.0
51	27.8	23.9	35.9
120	18.7	15.1	22.7





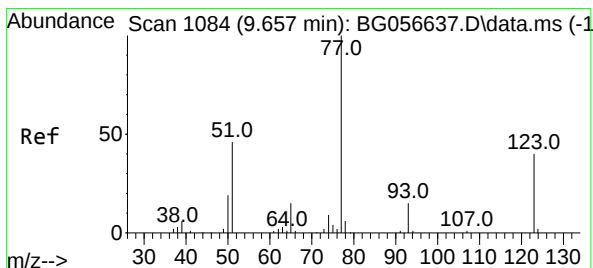
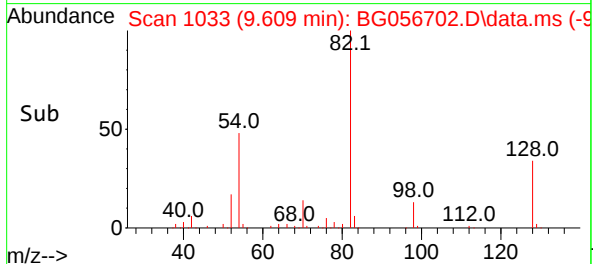
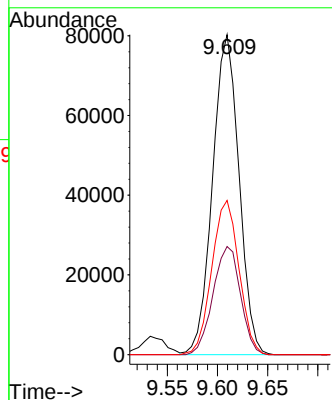
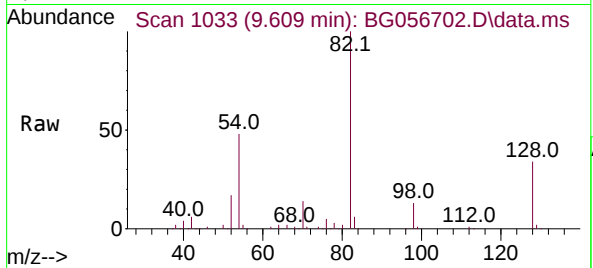
#23
Nitrobenzene-d5
Concen: 84.585 ng
RT: 9.609 min Scan# 1077
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 82 Resp: 147124
Ion Ratio Lower Upper
82 100
128 33.8 29.4 44.2
54 48.2 37.8 56.6

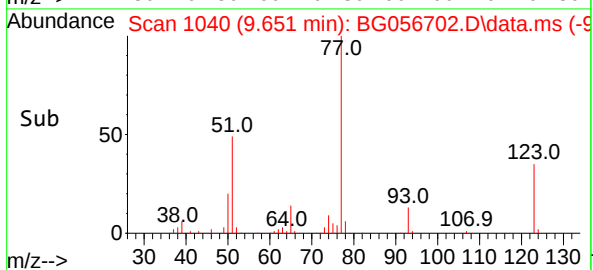
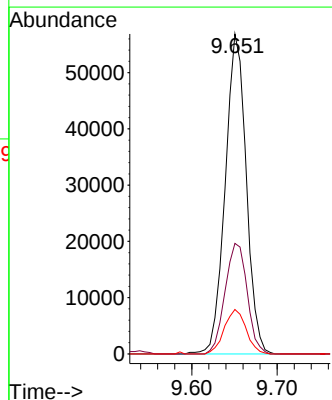
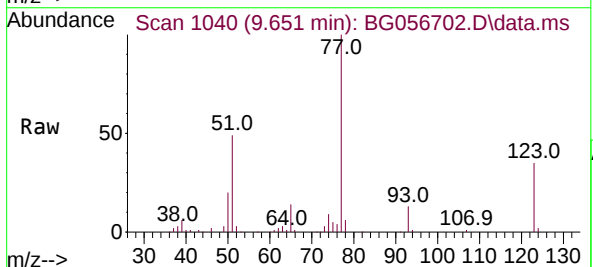
Manual Integrations
APPROVED

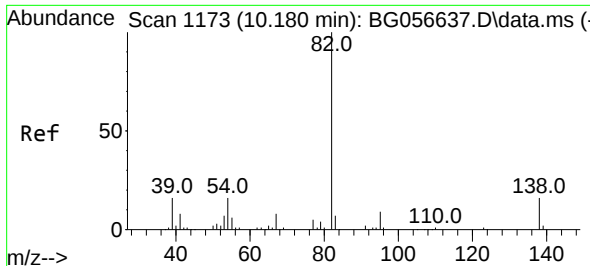
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#24
Nitrobenzene
Concen: 48.021 ng
RT: 9.651 min Scan# 1040
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion: 77 Resp: 97291
Ion Ratio Lower Upper
77 100
123 34.6 31.8 47.8
65 13.9 12.0 18.0





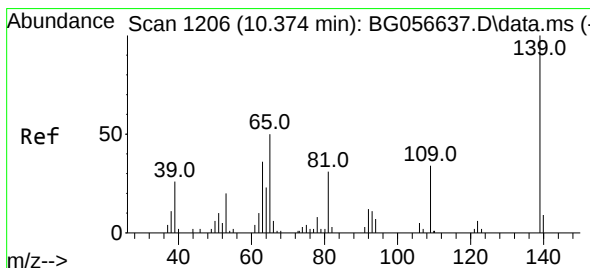
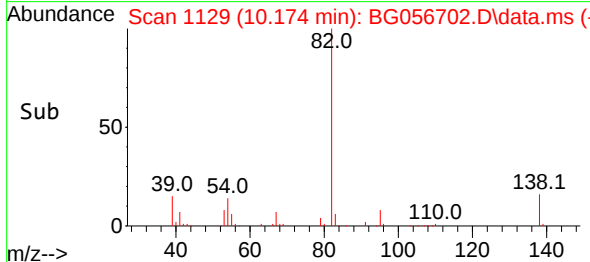
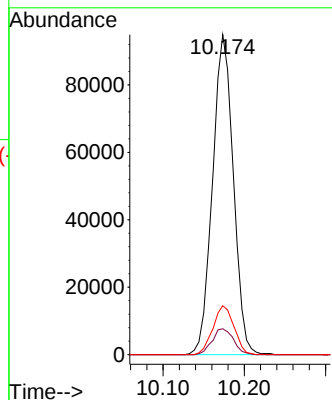
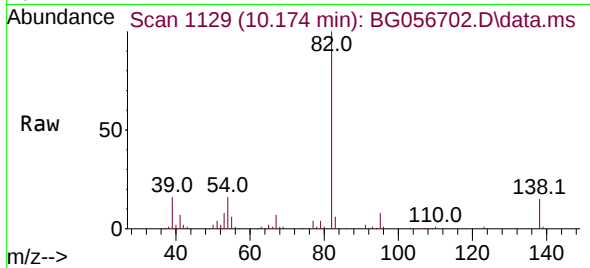
#25
Isophorone
Concen: 39.888 ng
RT: 10.174 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion: 82 Resp: 168849
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 15.3 12.9 19.3

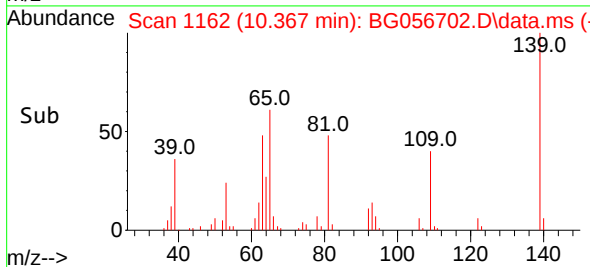
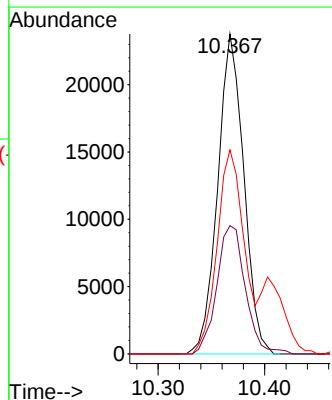
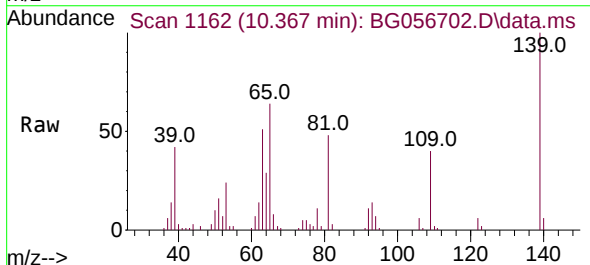
Manual Integrations
APPROVED

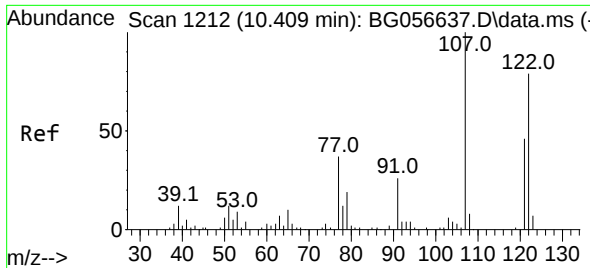
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 56.322 ng
RT: 10.367 min Scan# 1162
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

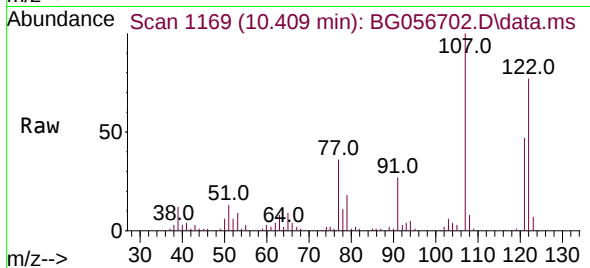
Tgt Ion:139 Resp: 40337
Ion Ratio Lower Upper
139 100
109 40.1 27.0 40.6
65 63.7 40.0 60.0#





#27
2,4-Dimethylphenol
Concen: 43.925 ng
RT: 10.409 min Scan# 1169
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

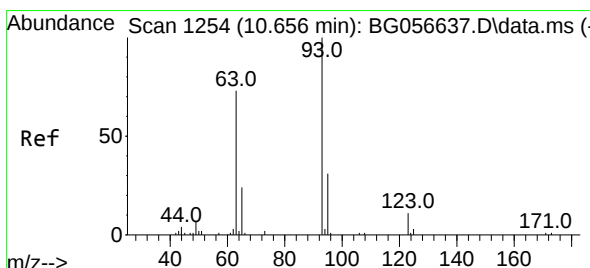
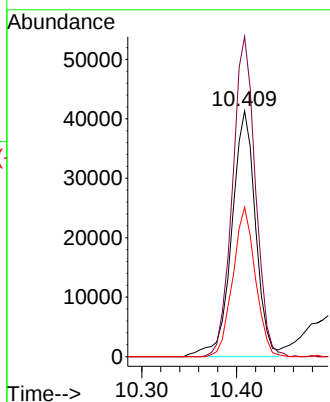
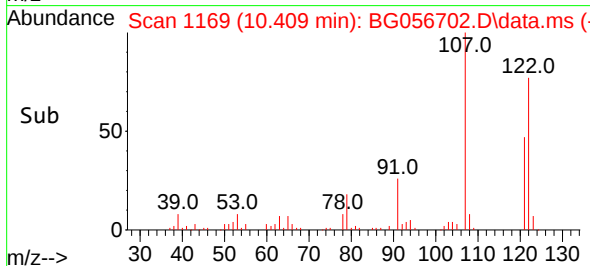
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



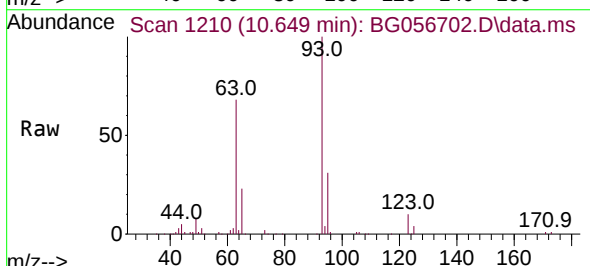
Tgt Ion:122 Resp: 71888
Ion Ratio Lower Upper
122 100
107 130.2 101.6 152.4
121 60.8 47.2 70.8

Manual Integrations
APPROVED

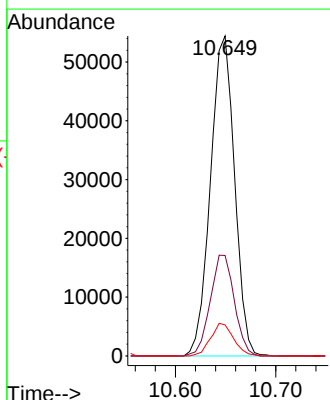
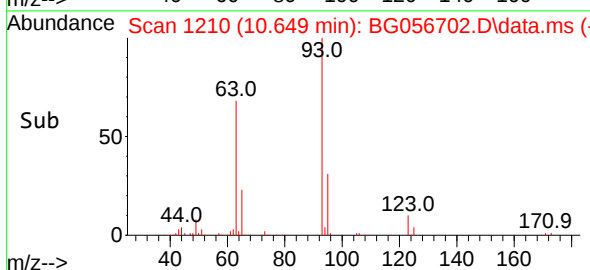
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

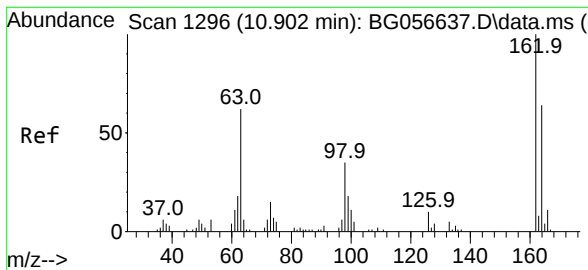


#28
bis(2-Chloroethoxy)methane
Concen: 42.130 ng
RT: 10.649 min Scan# 1210
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



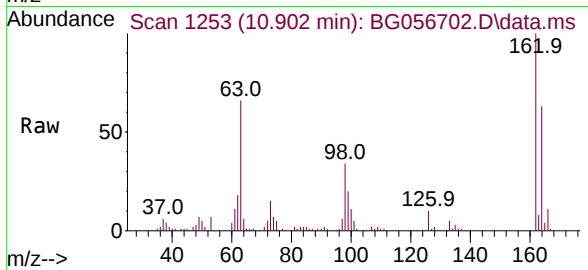
Tgt Ion: 93 Resp: 90889
Ion Ratio Lower Upper
93 100
95 31.4 24.5 36.7
123 9.7 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 47.825 ng
RT: 10.902 min Scan# 1296
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

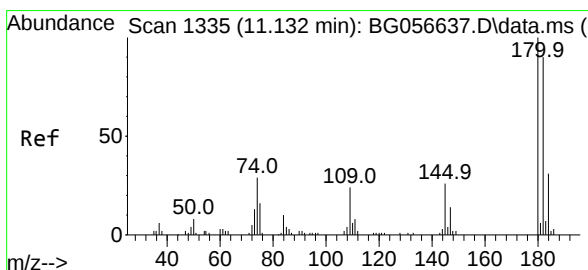
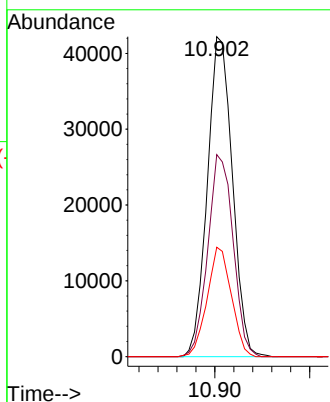
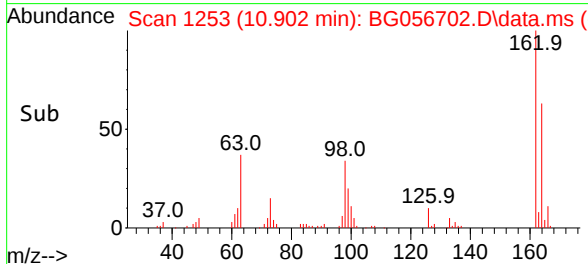
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



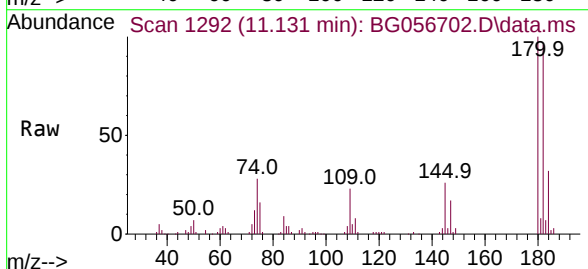
Tgt Ion:162 Resp: 77575
Ion Ratio Lower Upper
162 100
164 63.1 44.1 84.1
98 34.2 14.8 54.8

Manual Integrations
APPROVED

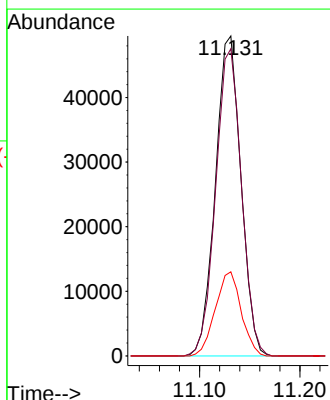
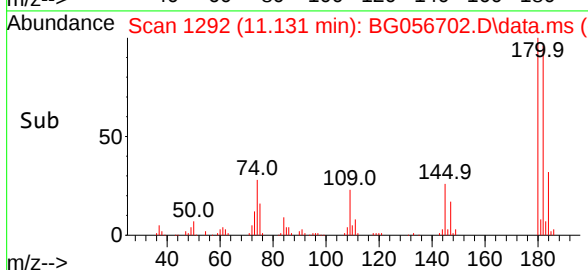
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

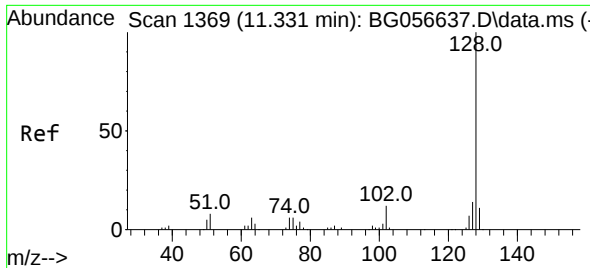


#30
1,2,4-Trichlorobenzene
Concen: 45.350 ng
RT: 11.131 min Scan# 1292
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:180 Resp: 87626
Ion Ratio Lower Upper
180 100
182 96.0 71.7 107.5
145 26.3 20.6 30.8





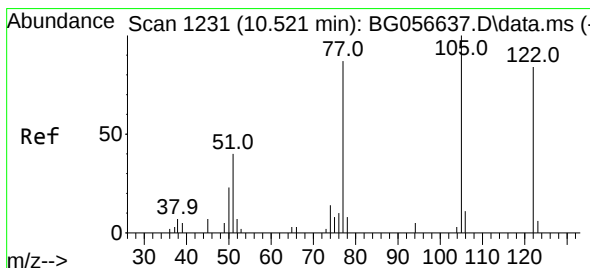
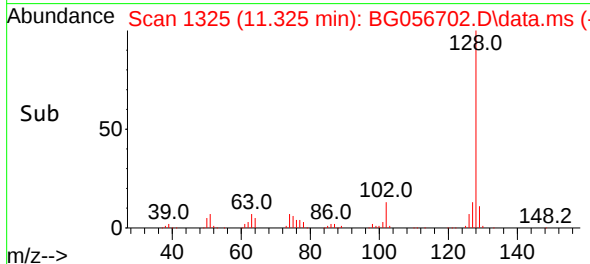
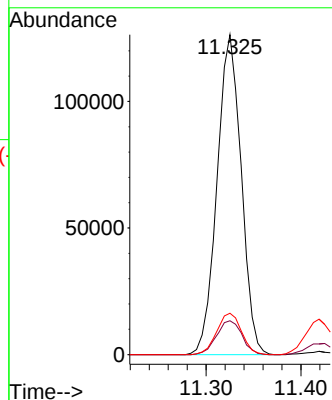
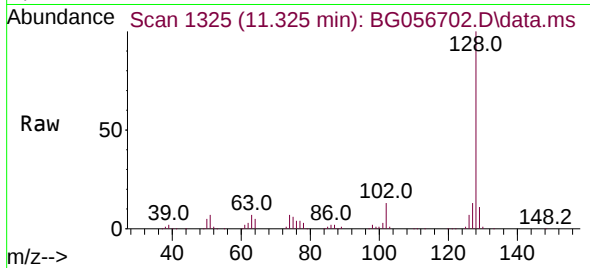
#31
Naphthalene
Concen: 45.315 ng
RT: 11.325 min Scan# 1191
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:128 Resp: 223665
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.9 10.9 16.3

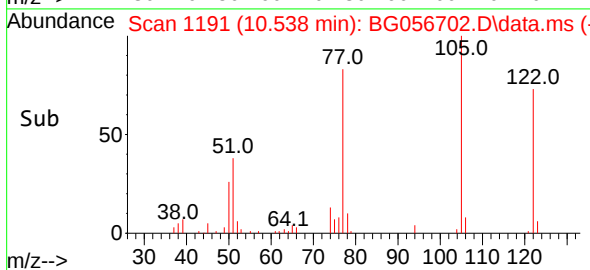
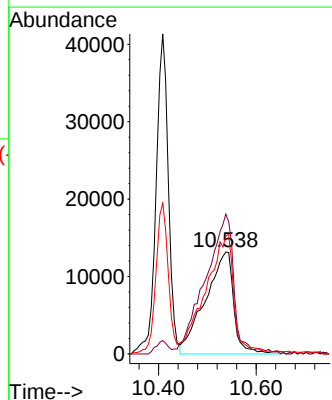
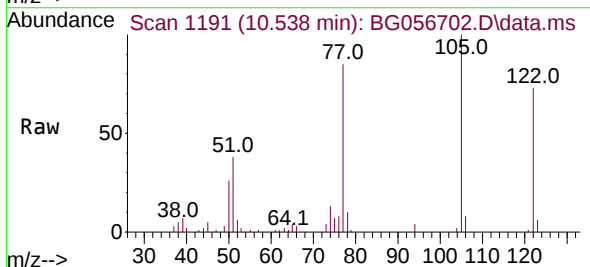
Manual Integrations
APPROVED

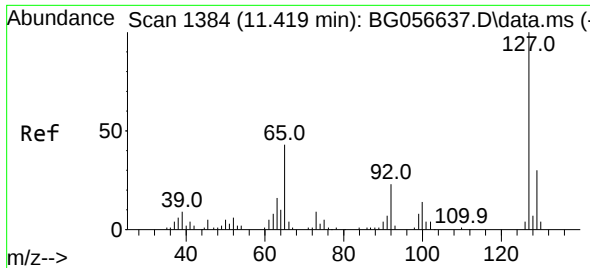
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#32
Benzoic acid
Concen: 50.354 ng m
RT: 10.538 min Scan# 1191
Delta R.T. 0.020 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

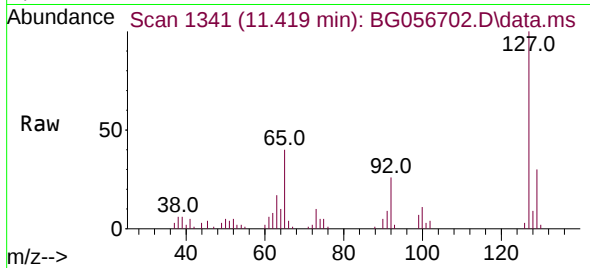
Tgt Ion:122 Resp: 53115
Ion Ratio Lower Upper
122 100
105 137.2 100.5 140.5
77 115.9 80.8 120.8





#33
4-Chloroaniline
Concen: 12.707 ng
RT: 11.419 min Scan# 1384
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

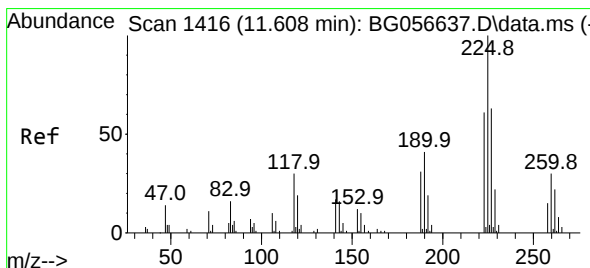
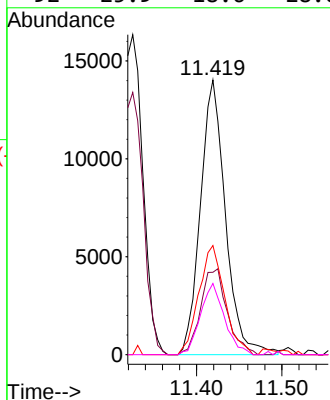
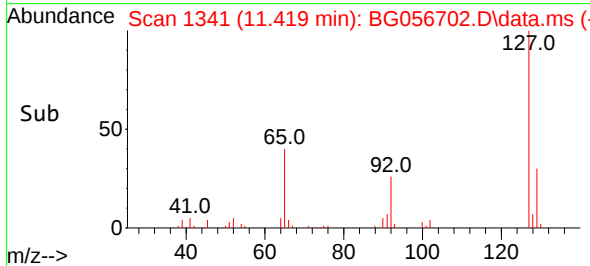
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.1	36.1
65	39.7	34.3	51.5
92	25.9	18.6	28.0

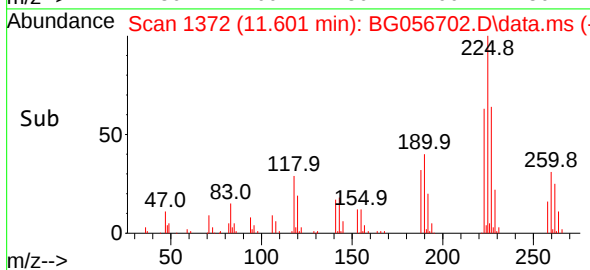
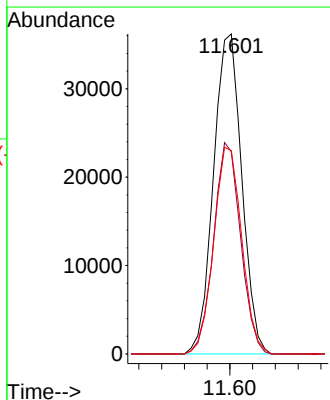
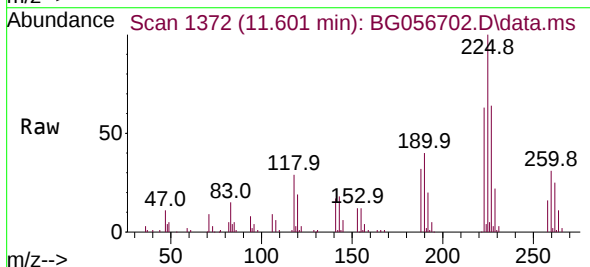
Manual Integrations
APPROVED

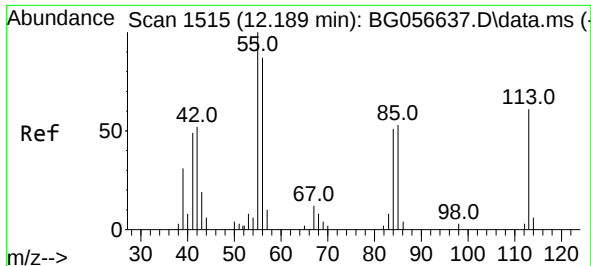
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 45.262 ng
RT: 11.601 min Scan# 1372
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.5	72.7
227	63.6	50.2	75.4





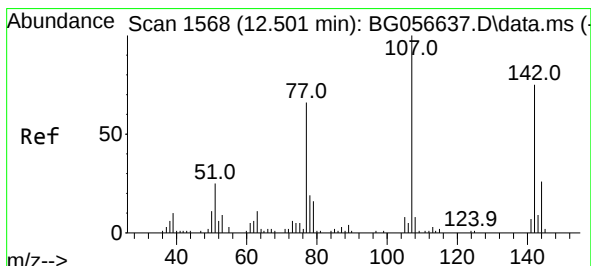
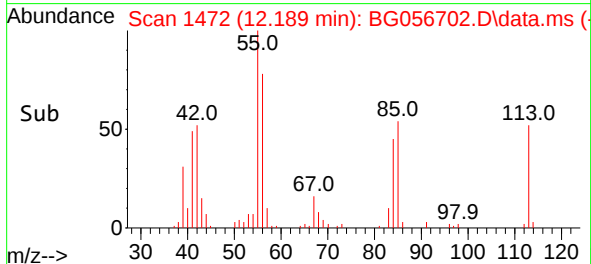
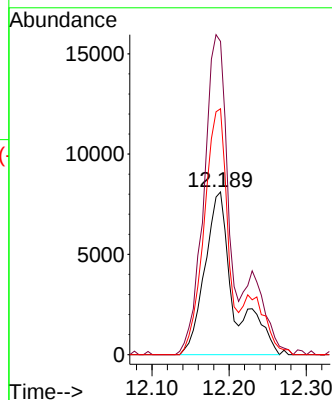
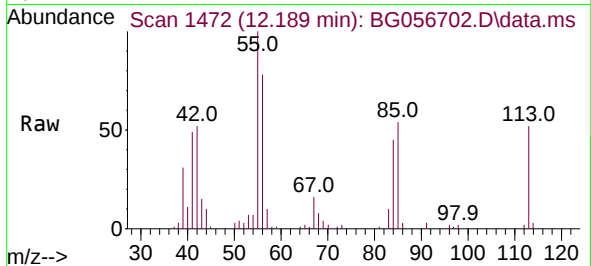
#35
Caprolactam
Concen: 40.837 ng m
RT: 12.189 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:113 Resp: 21305
Ion Ratio Lower Upper
113 100
55 192.7 145.0 185.0
56 151.3 122.9 162.9

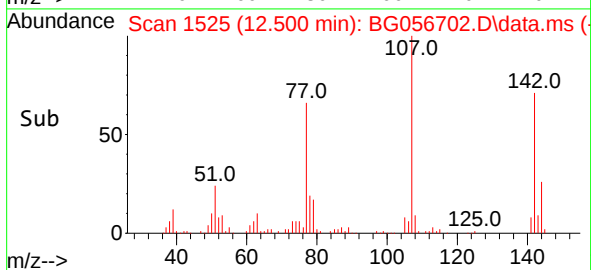
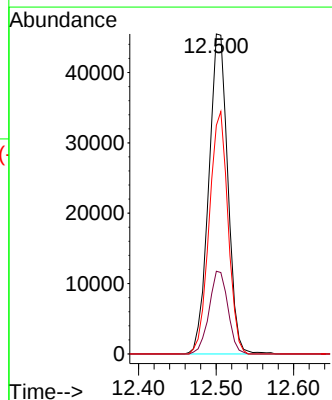
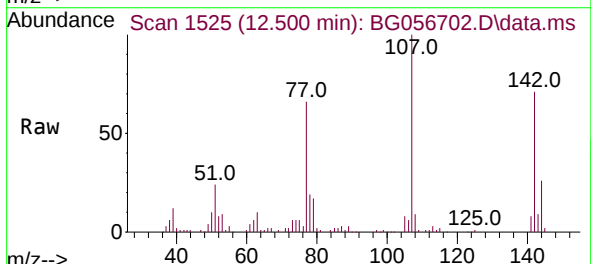
Manual Integrations
APPROVED

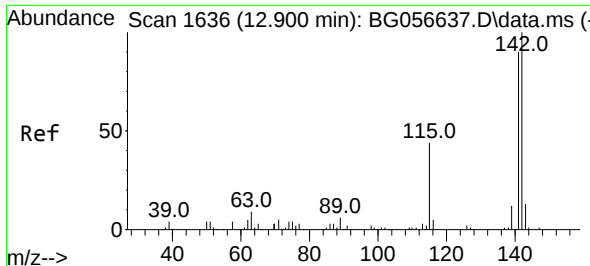
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 43.320 ng
RT: 12.500 min Scan# 1525
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:107 Resp: 77489
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 71.4 60.1 90.1





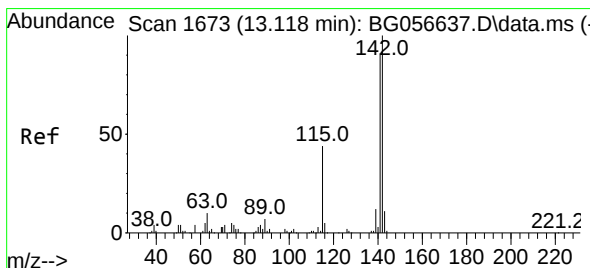
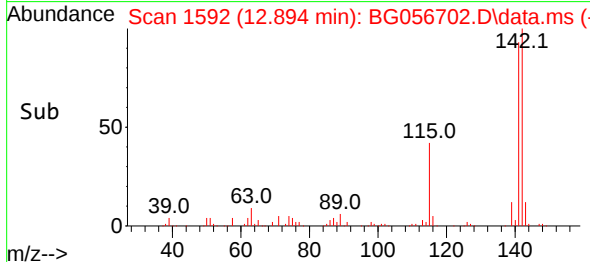
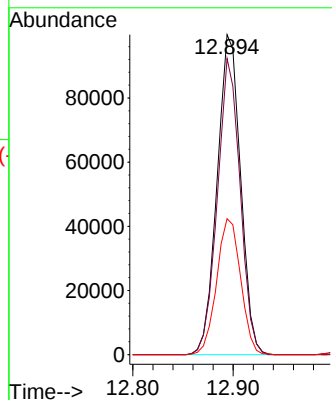
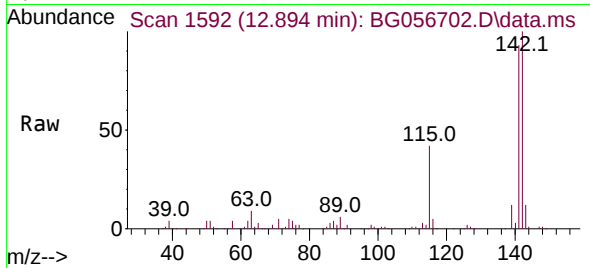
#37
2-Methylnaphthalene
Concen: 41.565 ng
RT: 12.894 min Scan# 16198
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:142 Resp: 161983
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9
115 42.5 35.1 52.7

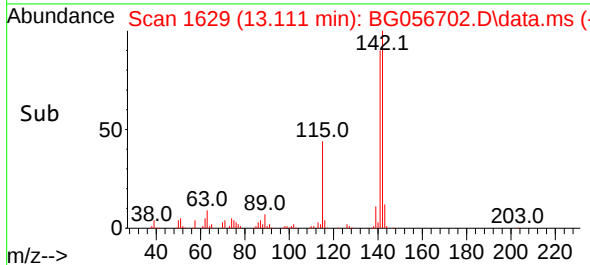
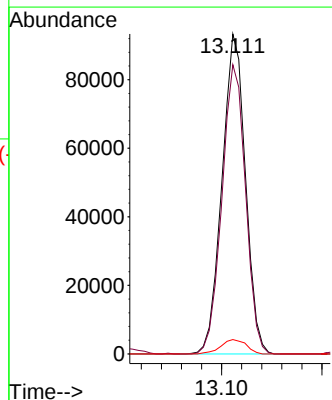
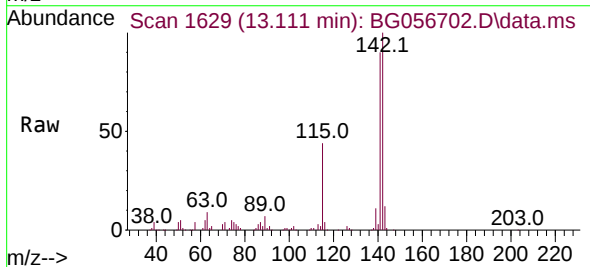
Manual Integrations
APPROVED

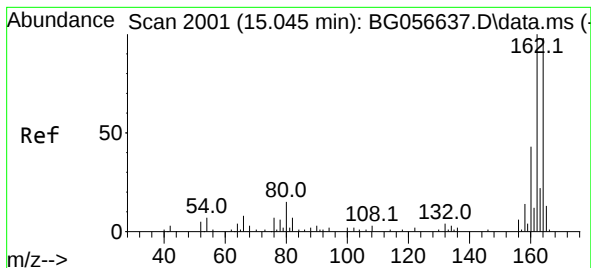
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#38
1-Methylnaphthalene
Concen: 41.643 ng
RT: 13.111 min Scan# 1629
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:142 Resp: 151434
Ion Ratio Lower Upper
142 100
141 90.4 72.7 109.1
116 4.5 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.038 min Scan# 1957

Delta R.T. 0.002 min

Lab File: BG056702.D

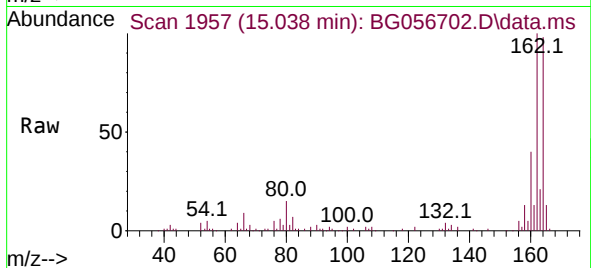
Acq: 22 Feb 2023 17:58

Instrument :

BNA_G

ClientSampleId :

TR-05-02212023MS

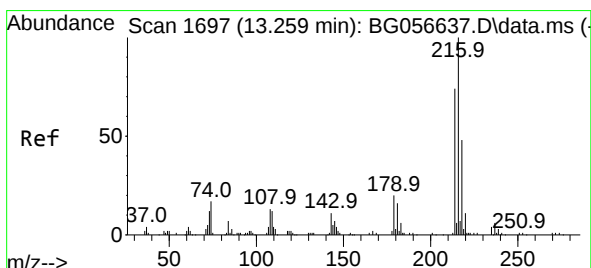
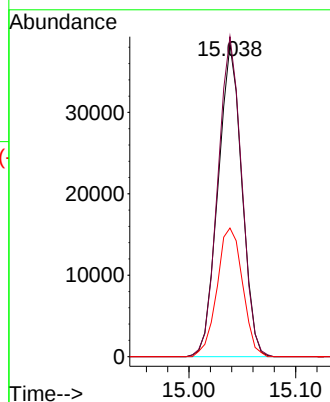
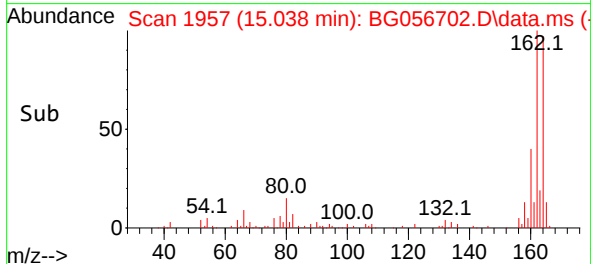


Tgt Ion:	164	Resp:	59399
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.3	121.9
160	41.2	35.2	52.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#40

1,2,4,5-Tetrachlorobenzene

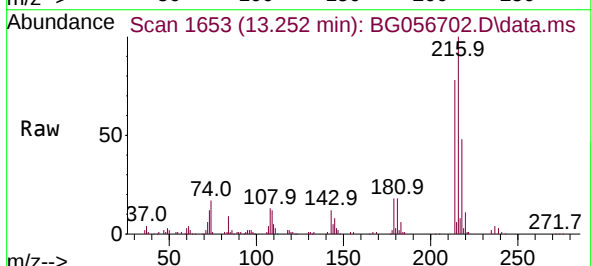
Concen: 49.725 ng

RT: 13.252 min Scan# 1653

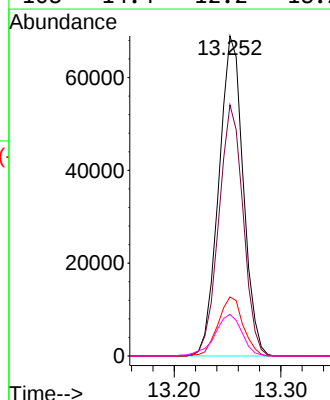
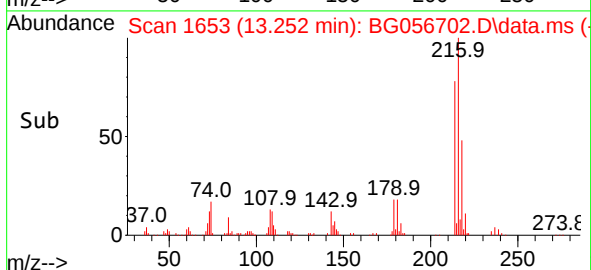
Delta R.T. 0.002 min

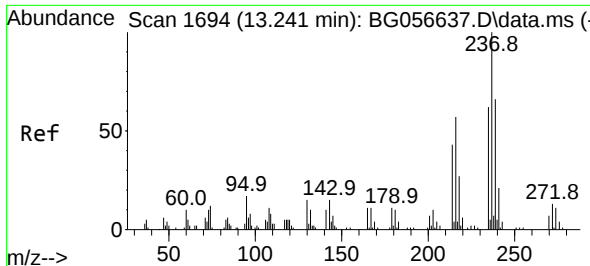
Lab File: BG056702.D

Acq: 22 Feb 2023 17:58



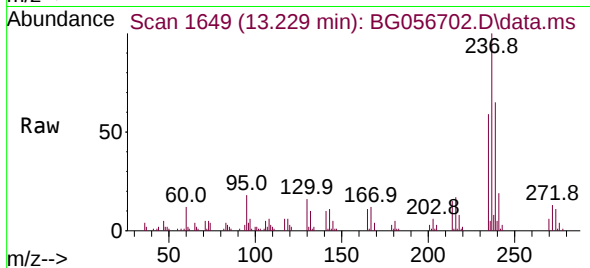
Tgt Ion:	216	Resp:	109799
Ion Ratio	Lower	Upper	
216	100		
214	78.2	61.8	92.8
179	18.8	15.1	22.7
108	14.4	12.2	18.2





#41
Hexachlorocyclopentadiene
Concen: 36.652 ng
RT: 13.229 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

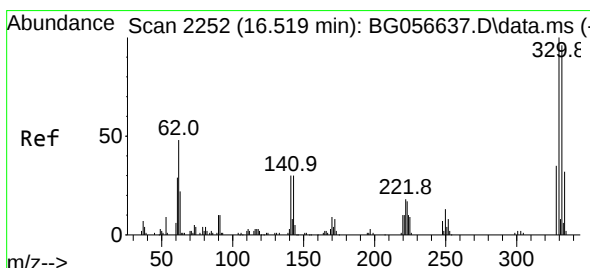
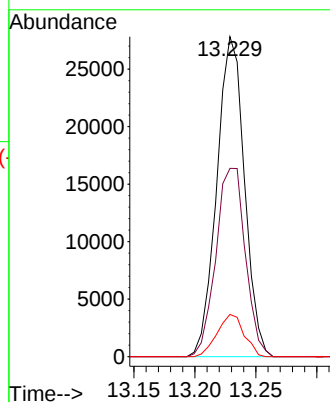
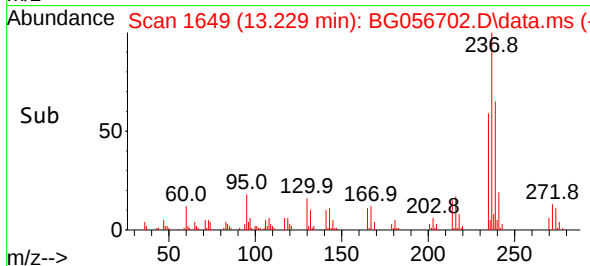
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



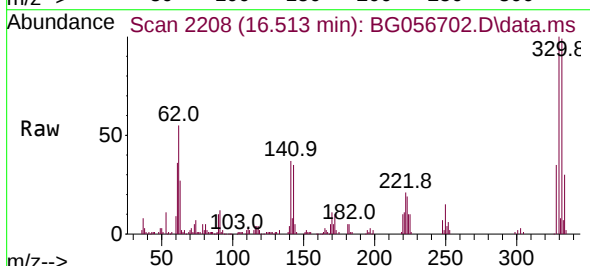
Tgt Ion:237 Resp: 43896
Ion Ratio Lower Upper
237 100
235 58.8 41.6 81.6
272 13.2 0.0 32.6

Manual Integrations
APPROVED

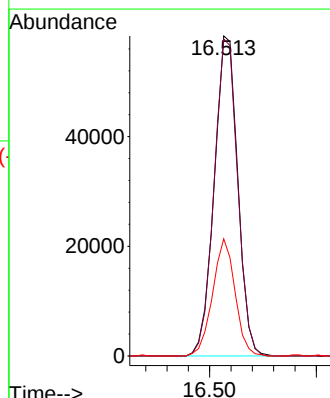
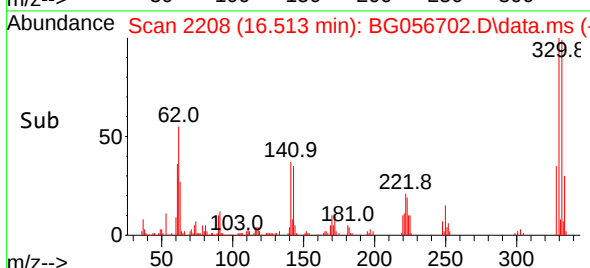
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

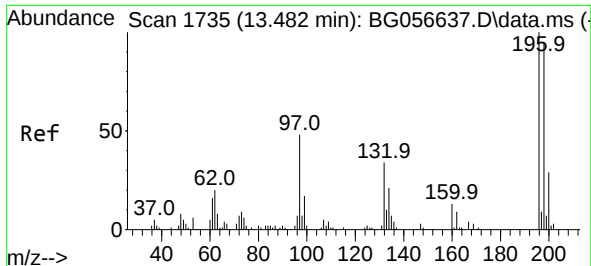


#42
2,4,6-Tribromophenol
Concen: 109.990 ng
RT: 16.513 min Scan# 2208
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:330 Resp: 89449
Ion Ratio Lower Upper
330 100
332 98.9 75.7 113.5
141 34.8 24.6 37.0





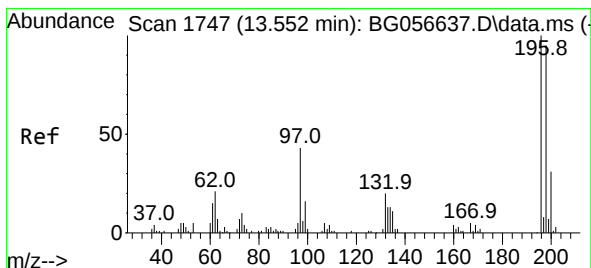
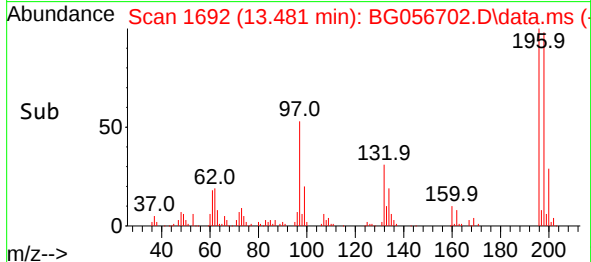
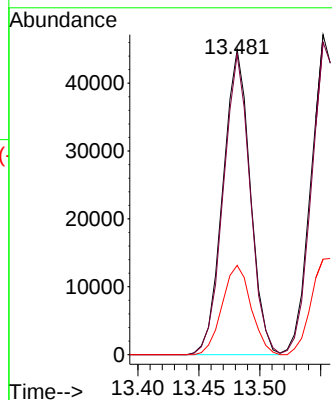
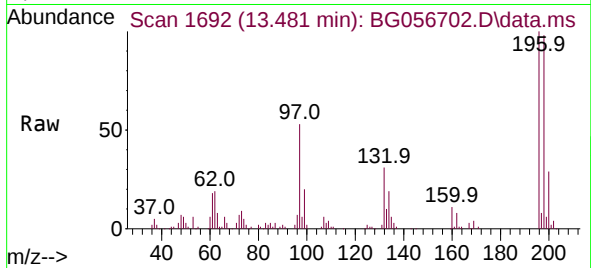
#43
2,4,6-Trichlorophenol
Concen: 52.274 ng
RT: 13.481 min Scan# 1704
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:196 Resp: 70033
Ion Ratio Lower Upper
196 100
198 98.3 76.2 114.2
200 29.2 23.2 34.8

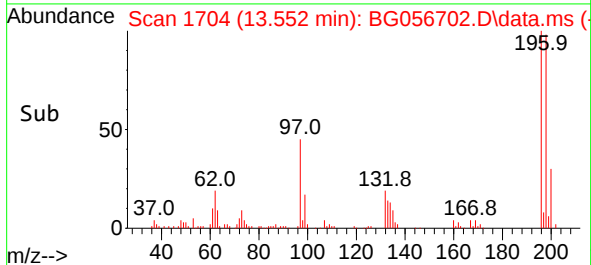
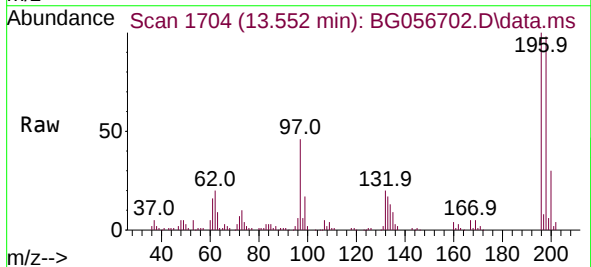
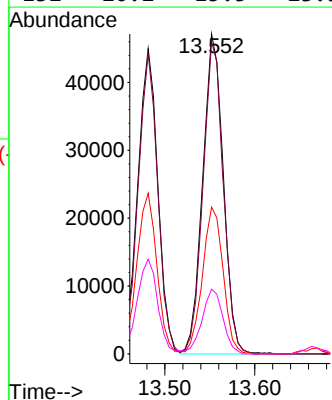
Manual Integrations
APPROVED

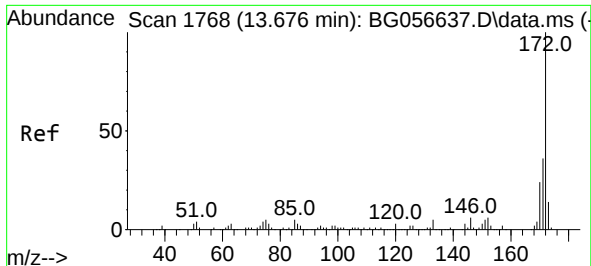
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#44
2,4,5-Trichlorophenol
Concen: 46.781 ng
RT: 13.552 min Scan# 1704
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

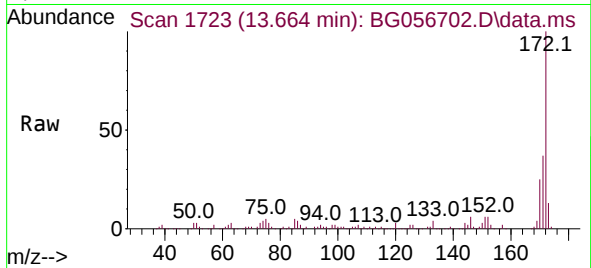
Tgt Ion:196 Resp: 75115
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.4
97 45.9 34.9 52.3
132 20.2 15.5 23.3





#45
2-Fluorobiphenyl
Concen: 70.437 ng
RT: 13.664 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

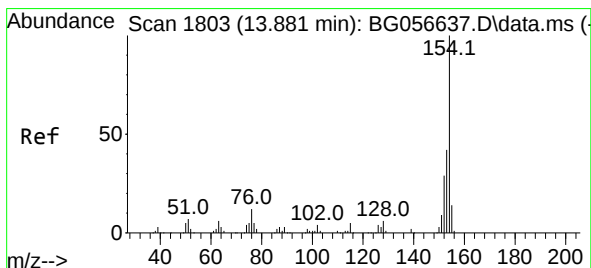
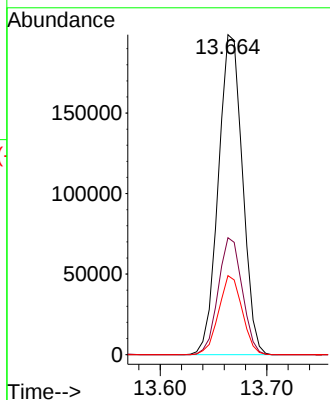
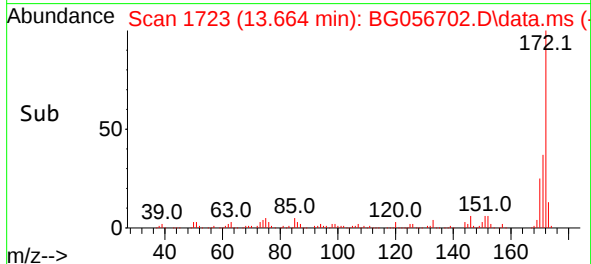
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



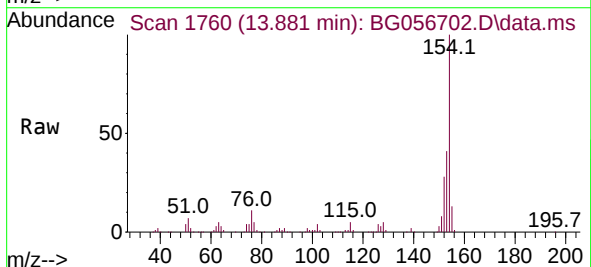
Tgt Ion:172 Resp: 31245
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.7 19.4 29.0

Manual Integrations
APPROVED

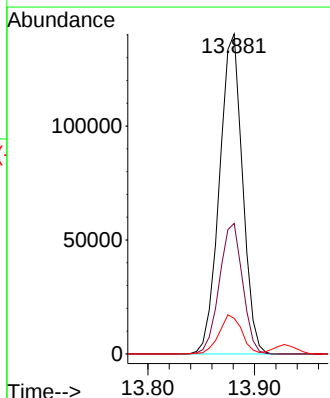
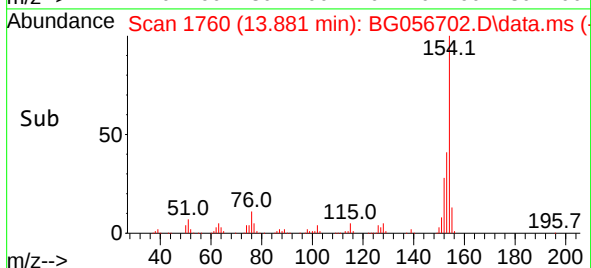
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

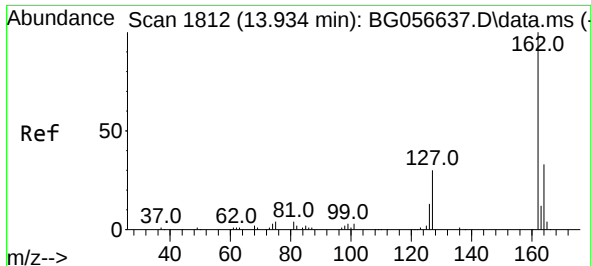


#46
1,1'-Biphenyl
Concen: 46.889 ng
RT: 13.881 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



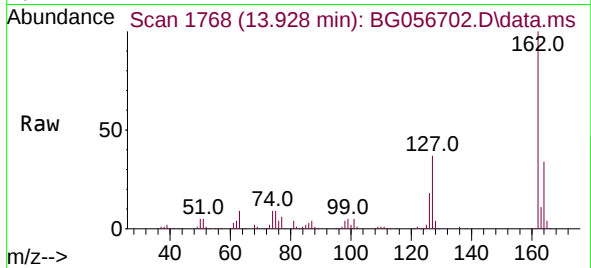
Tgt Ion:154 Resp: 210981
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 11.1 0.0 31.9





#47
2-Chloronaphthalene
Concen: 48.288 ng
RT: 13.928 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

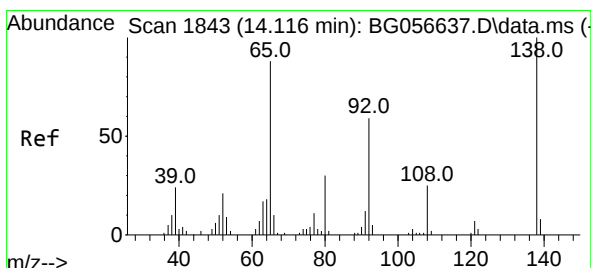
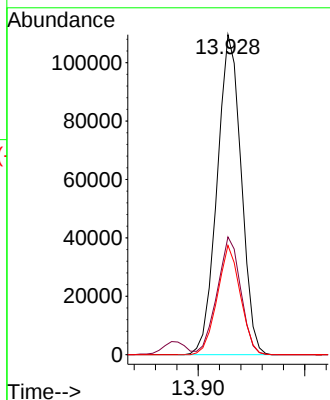
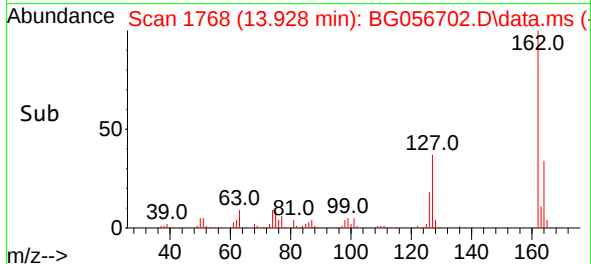
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:162 Resp: 171939
Ion Ratio Lower Upper
162 100
127 36.8 27.5 41.3
164 34.1 26.5 39.7

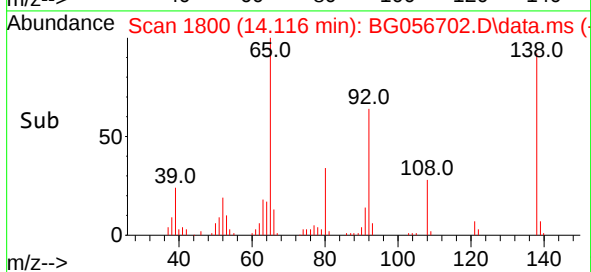
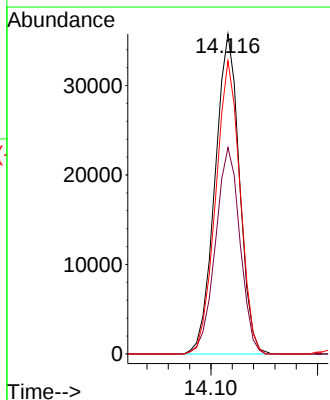
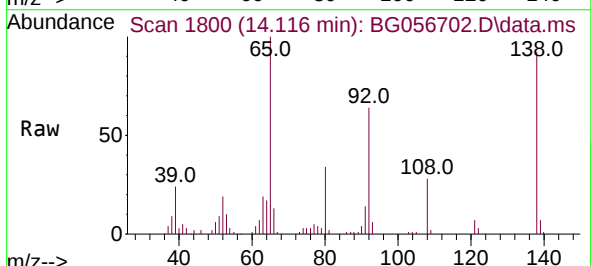
Manual Integrations
APPROVED

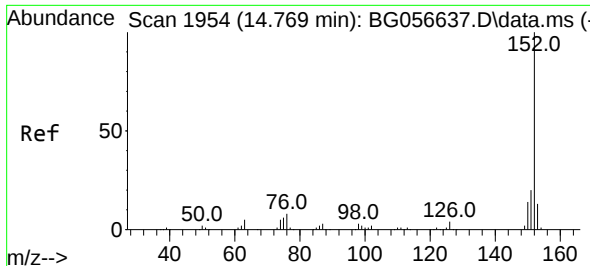
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48
2-Nitroaniline
Concen: 54.144 ng
RT: 14.116 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

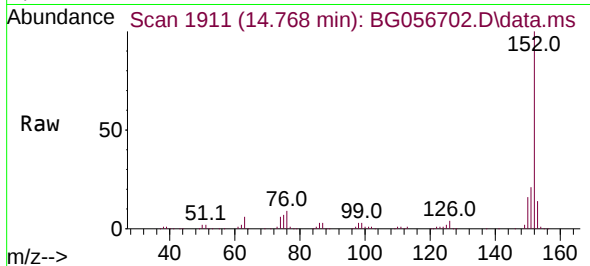
Tgt Ion: 65 Resp: 56943
Ion Ratio Lower Upper
65 100
92 64.5 53.8 80.6
138 91.6 90.6 135.8





#49
Acenaphthylene
Concen: 44.245 ng
RT: 14.768 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

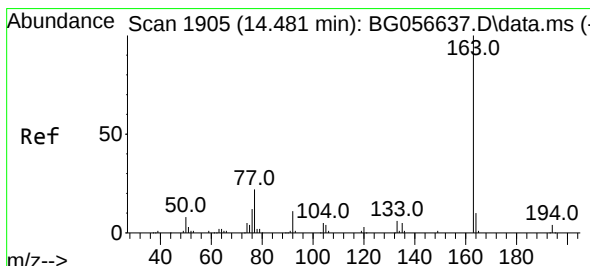
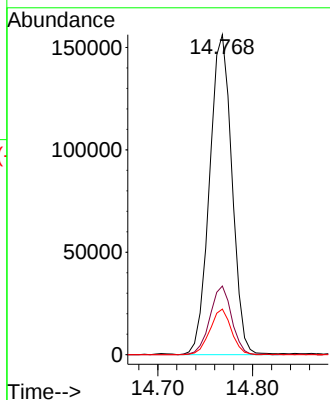
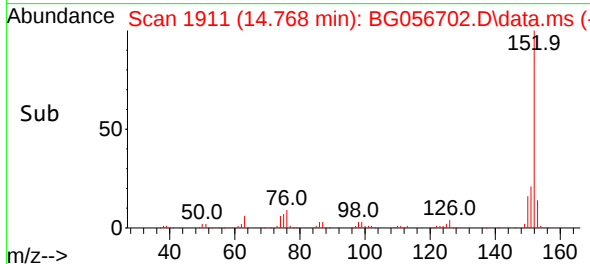
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



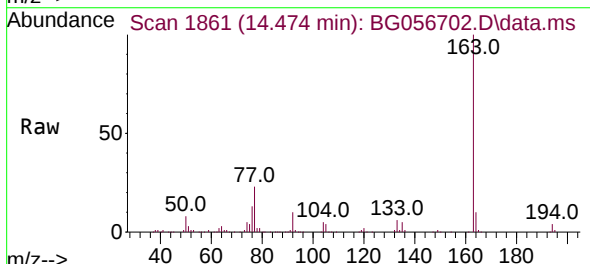
Tgt Ion:152 Resp: 255981
Ion Ratio Lower Upper
152 100
151 21.4 15.6 23.4
153 14.2 10.3 15.5

Manual Integrations
APPROVED

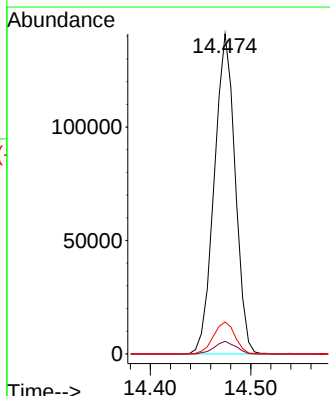
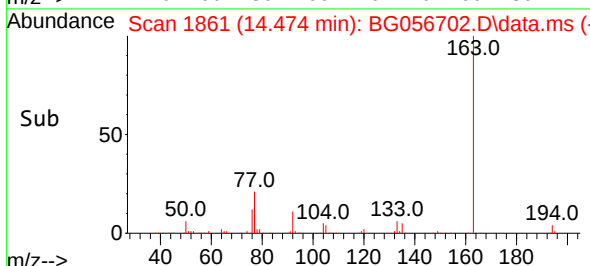
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

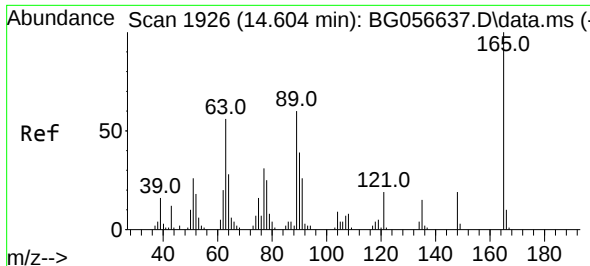


#50
Dimethylphthalate
Concen: 41.597 ng
RT: 14.474 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



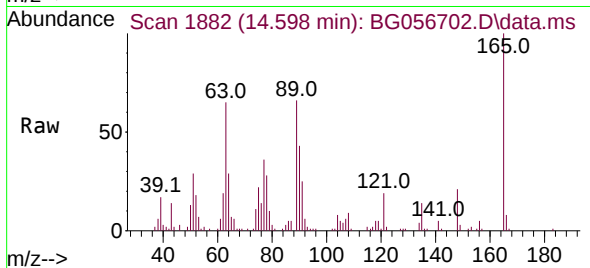
Tgt Ion:163 Resp: 204257
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.009 ng
RT: 14.598 min Scan# 1882
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

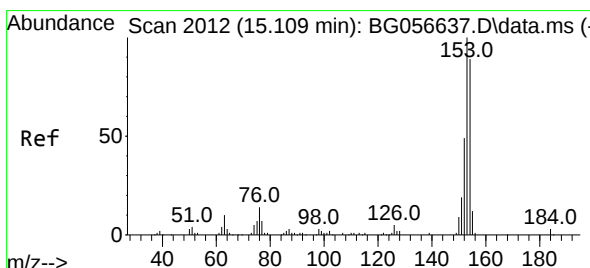
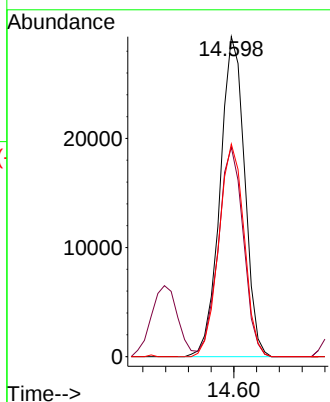
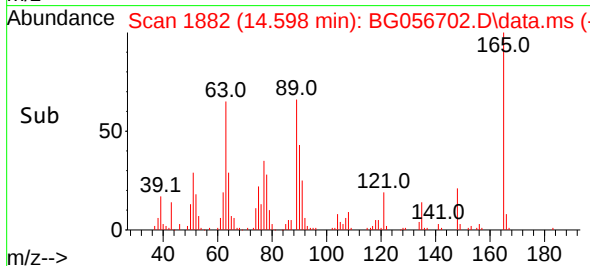
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:165 Resp: 43880
Ion Ratio Lower Upper
165 100
63 65.4 45.8 68.8
89 66.4 48.2 72.2

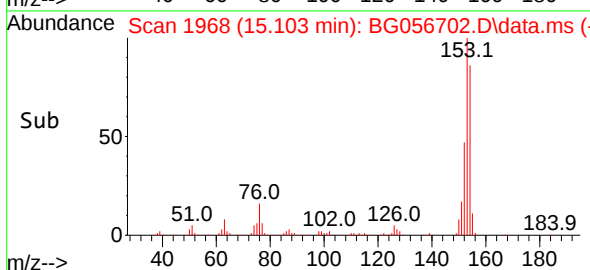
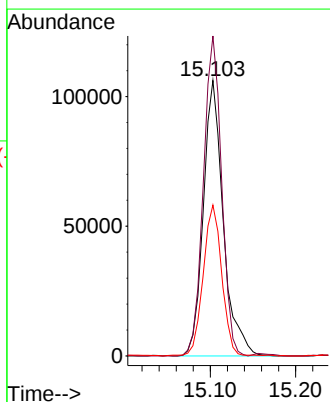
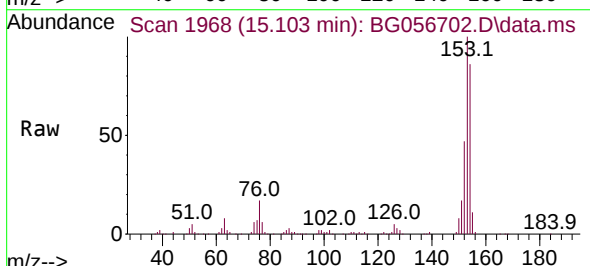
Manual Integrations
APPROVED

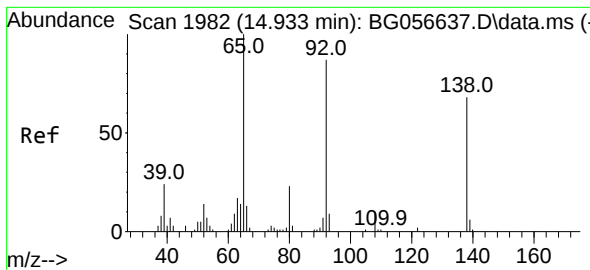
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 48.403 ng
RT: 15.103 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:154 Resp: 172740
Ion Ratio Lower Upper
154 100
153 116.2 89.5 134.3
152 54.7 43.7 65.5





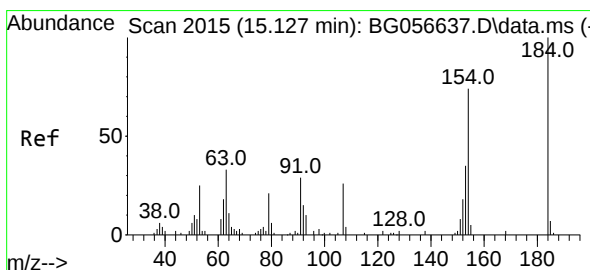
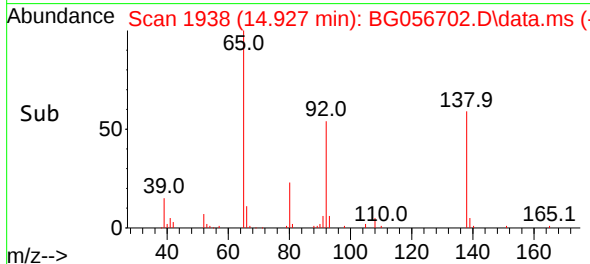
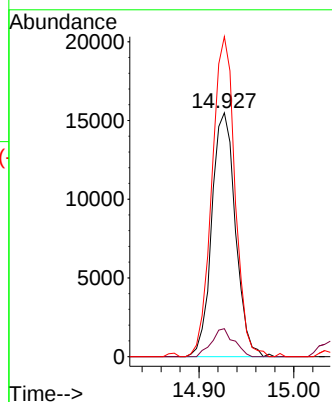
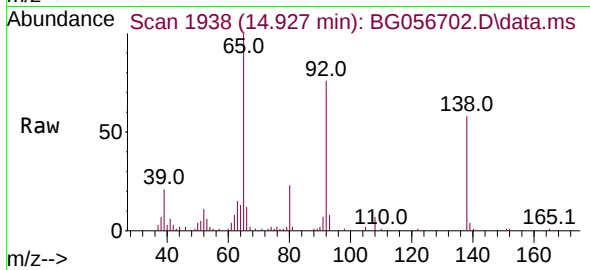
#53
3-Nitroaniline
Concen: 28.118 ng
RT: 14.927 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:138 Resp: 26801
Ion Ratio Lower Upper
138 100
108 11.4 11.4 17.2
92 131.3 103.1 154.7

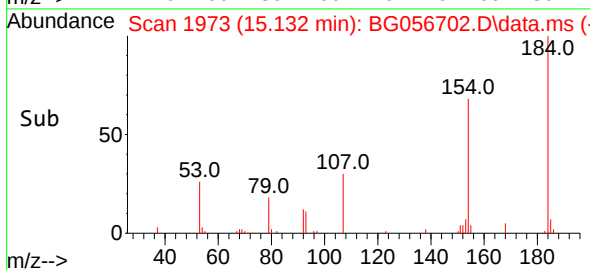
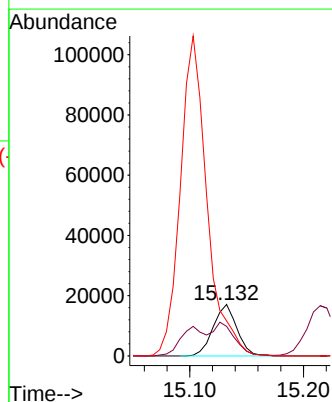
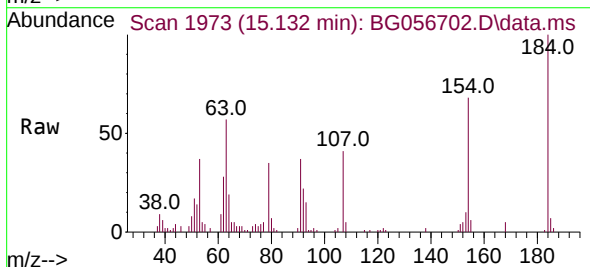
Manual Integrations
APPROVED

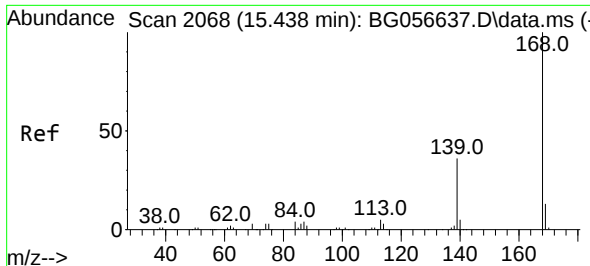
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#54
2,4-Dinitrophenol
Concen: 43.490 ng
RT: 15.132 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

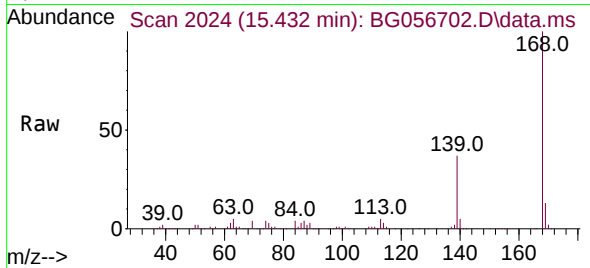
Tgt Ion:184 Resp: 24671
Ion Ratio Lower Upper
184 100
63 57.2 31.0 46.6#
154 68.1 99.8 149.8#





#55
Dibenzofuran
Concen: 44.052 ng
RT: 15.432 min Scan# 2068
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

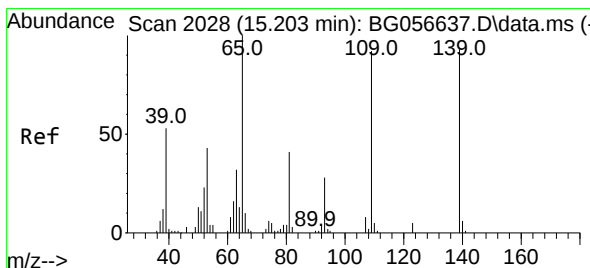
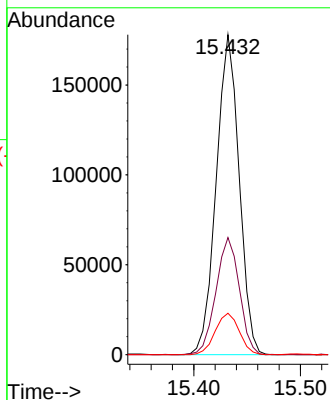
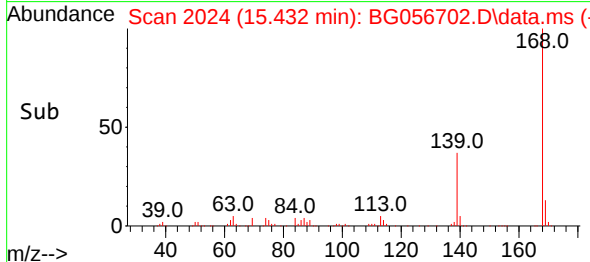
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:168 Resp: 265597
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.6
169 12.9 10.7 16.1

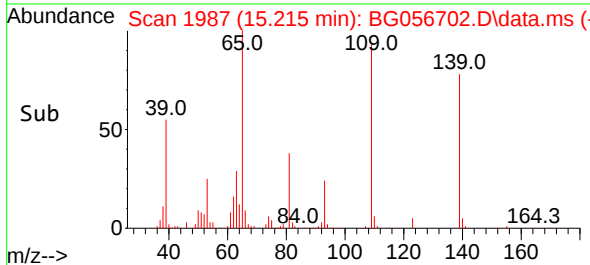
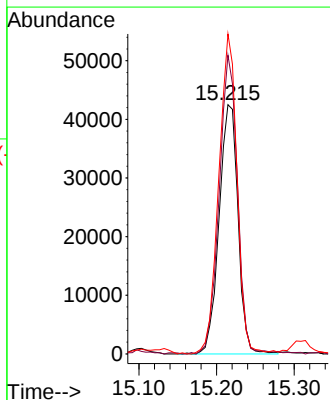
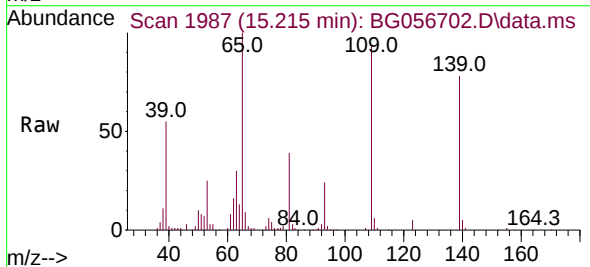
Manual Integrations
APPROVED

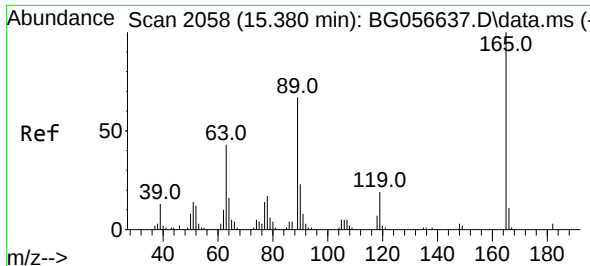
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 98.876 ng
RT: 15.215 min Scan# 1987
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

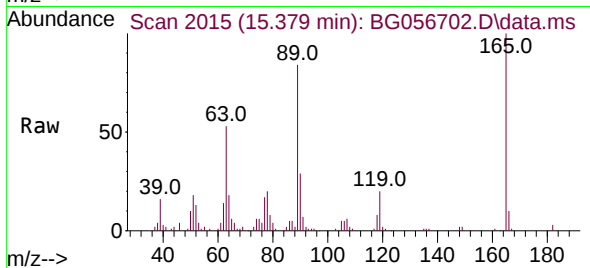
Tgt Ion:139 Resp: 72207
Ion Ratio Lower Upper
139 100
109 119.9 79.3 119.3#
65 128.4 87.6 127.6#





#57
2,4-Dinitrotoluene
Concen: 50.116 ng
RT: 15.379 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

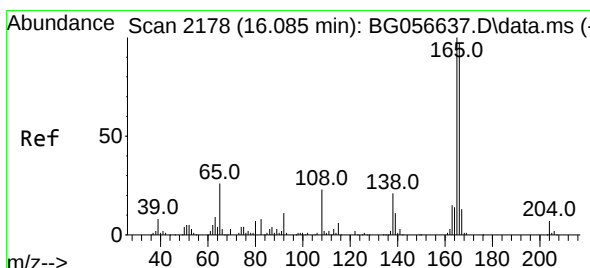
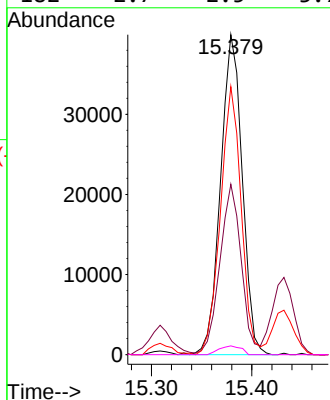
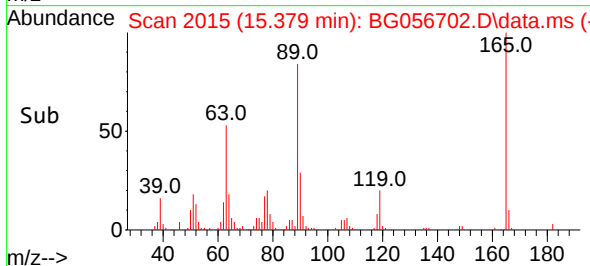
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



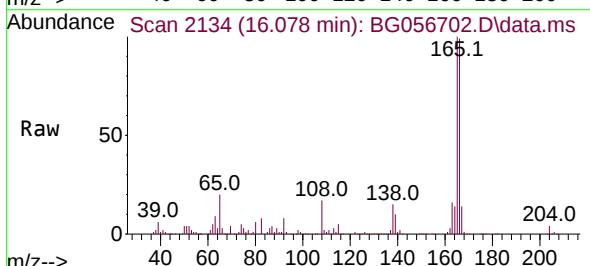
Tgt Ion:165 Resp: 60016
Ion Ratio Lower Upper
165 100
63 53.2 34.6 52.0
89 83.7 53.8 80.8
182 2.7 2.5 3.7

Manual Integrations
APPROVED

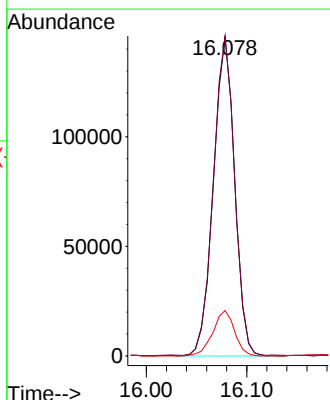
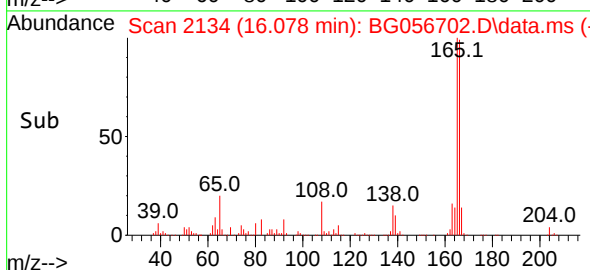
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

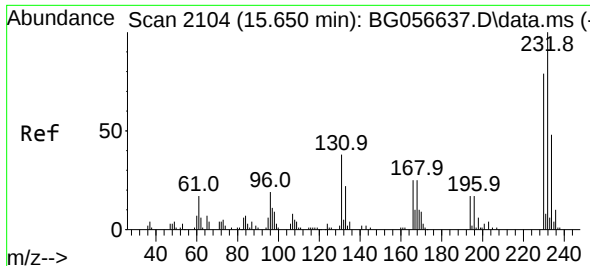


#58
Fluorene
Concen: 44.810 ng
RT: 16.078 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



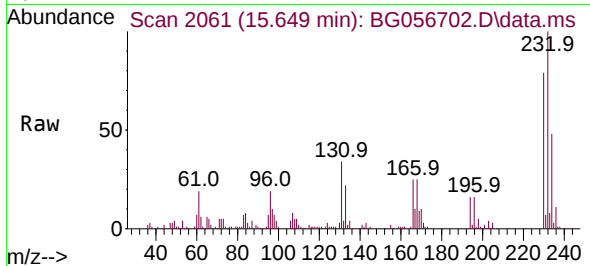
Tgt Ion:166 Resp: 213611
Ion Ratio Lower Upper
166 100
165 100.6 82.9 124.3
167 14.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.766 ng
RT: 15.649 min Scan# 2090
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

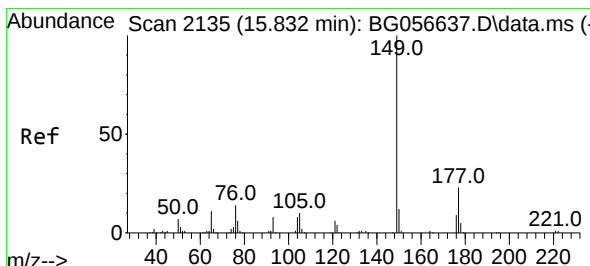
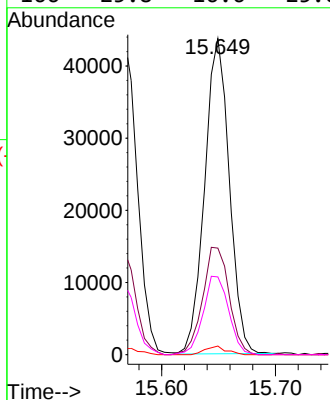
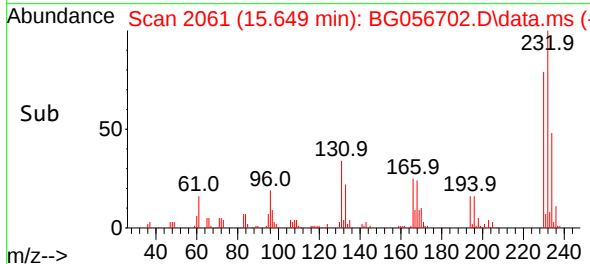
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



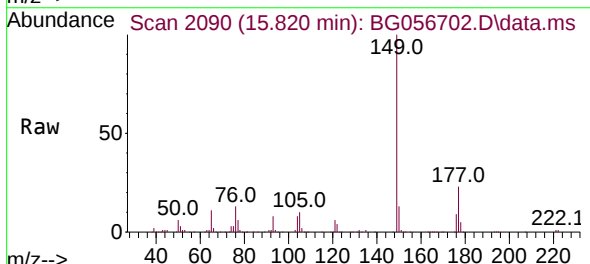
Tgt Ion:232 Resp: 65813
Ion Ratio Lower Upper
232 100
131 36.6 24.7 37.1
130 2.3 1.4 2.2
166 25.8 16.6 25.0#

Manual Integrations
APPROVED

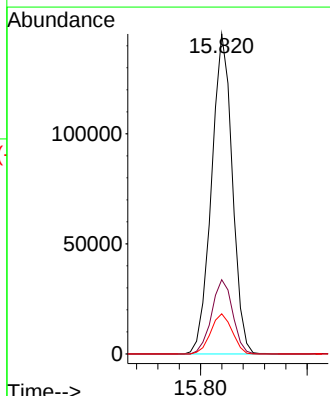
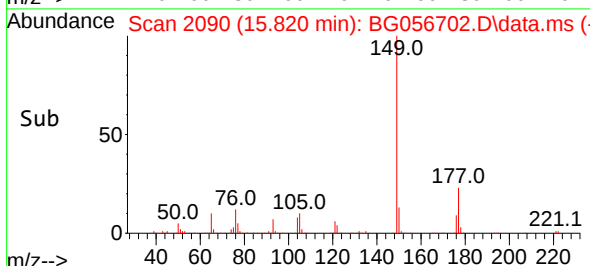
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

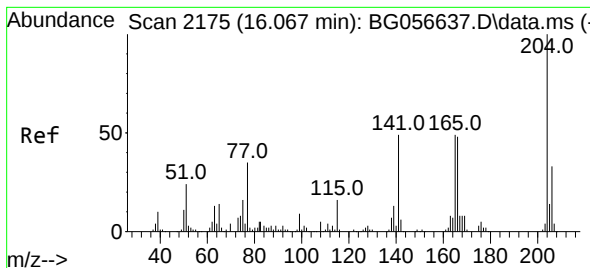


#60
Diethylphthalate
Concen: 39.782 ng
RT: 15.820 min Scan# 2090
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:149 Resp: 197048
Ion Ratio Lower Upper
149 100
177 23.2 18.7 28.1
150 12.5 9.9 14.9





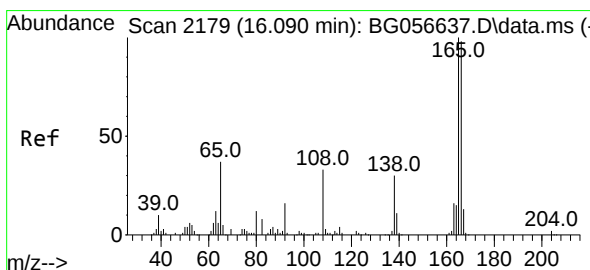
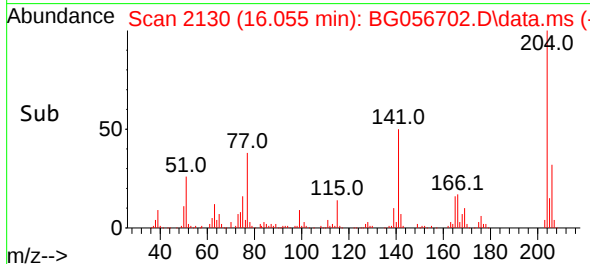
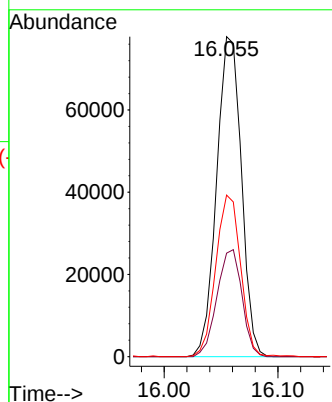
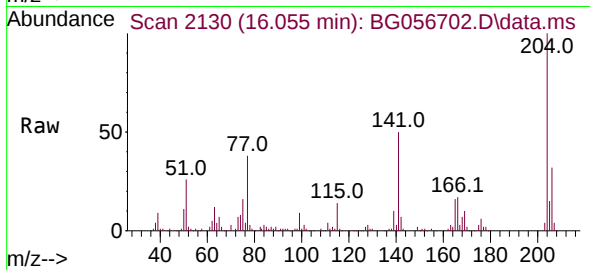
#61
4-Chlorophenyl-phenylether
Concen: 40.436 ng
RT: 16.055 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:204 Resp: 117762
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 50.5 38.9 58.3

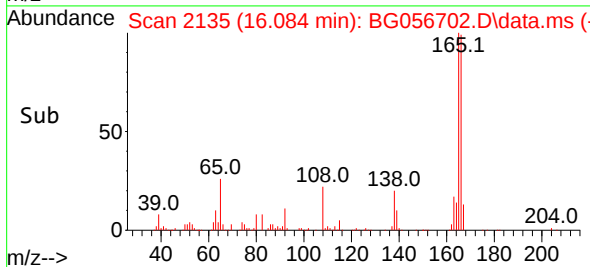
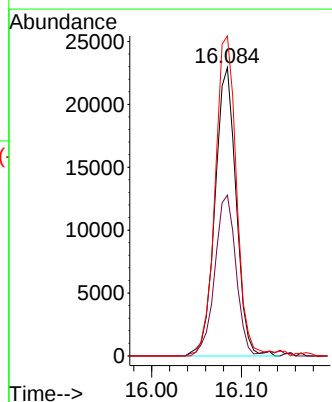
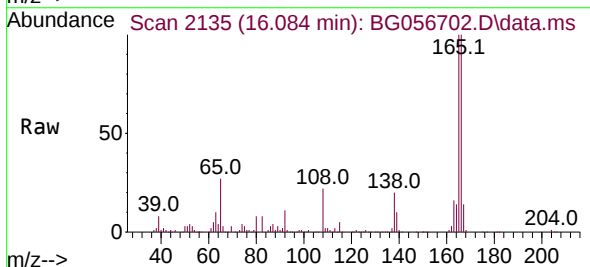
Manual Integrations
APPROVED

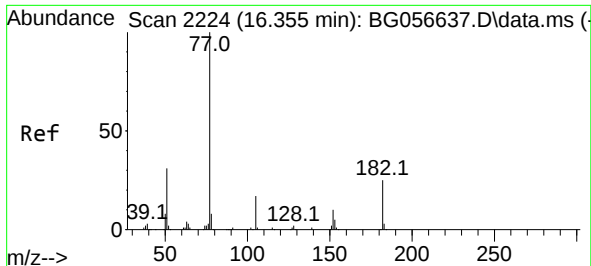
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 37.675 ng
RT: 16.084 min Scan# 2135
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

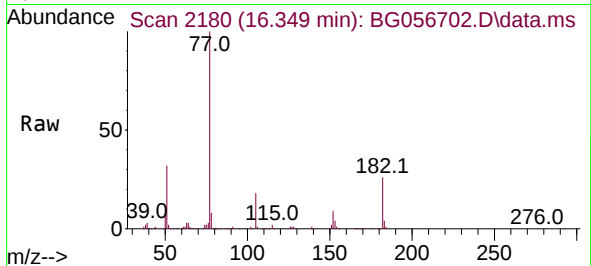
Tgt Ion:138 Resp: 37425
Ion Ratio Lower Upper
138 100
92 55.8 31.5 71.5
108 111.0 88.6 128.6





#63
Azobenzene
Concen: 43.678 ng
RT: 16.349 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

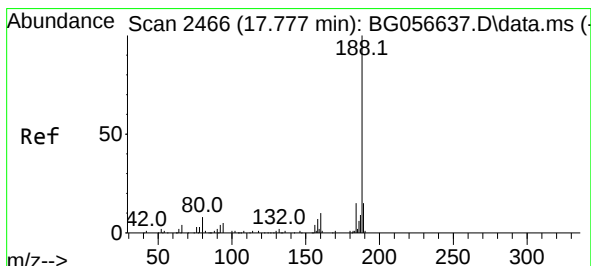
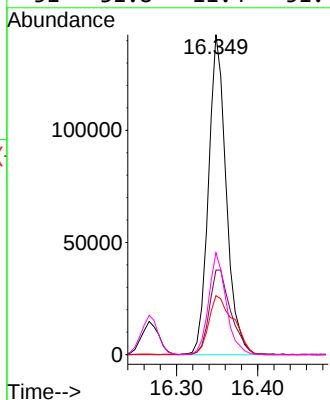
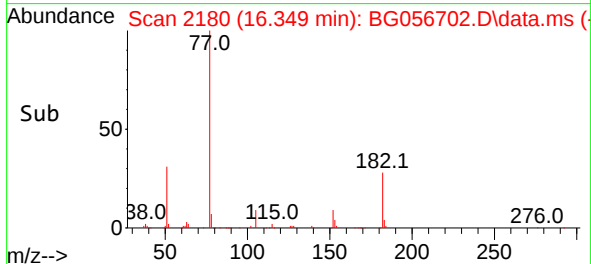
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



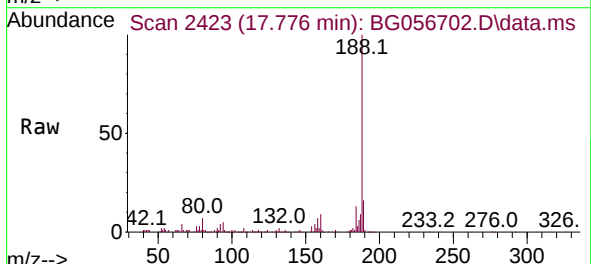
Tgt Ion: 77 Resp: 216521
Ion Ratio Lower Upper
77 100
182 26.4 5.2 45.2
105 18.4 0.0 37.3
51 31.8 11.4 51.4

Manual Integrations
APPROVED

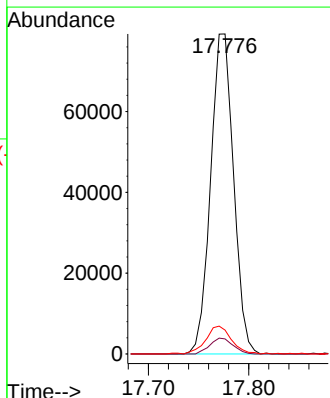
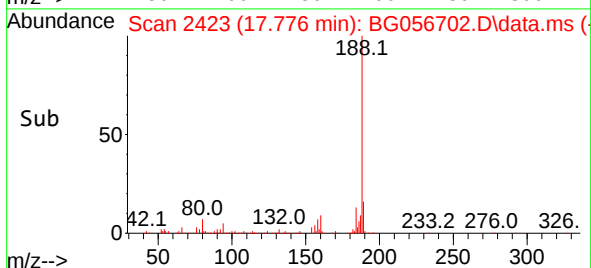
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

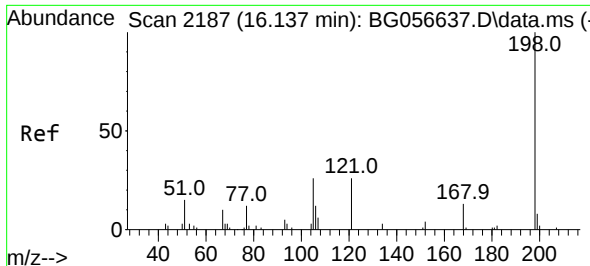


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.776 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:188 Resp: 126027
Ion Ratio Lower Upper
188 100
94 4.7 4.0 6.0
80 7.4 6.3 9.5





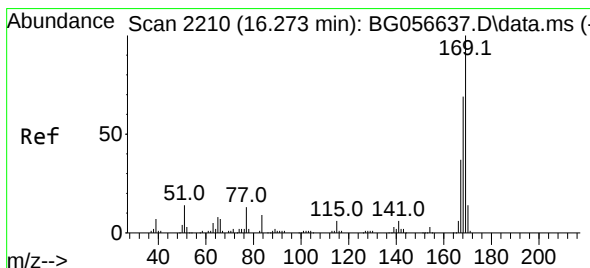
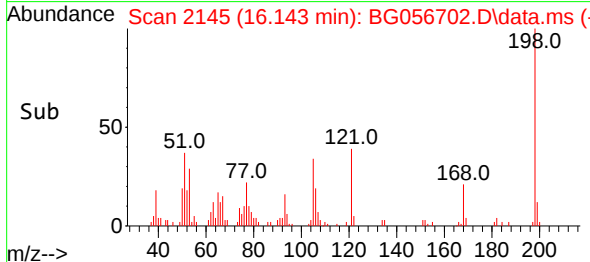
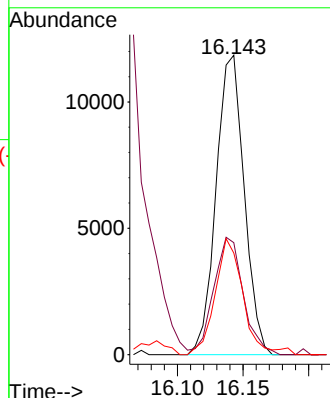
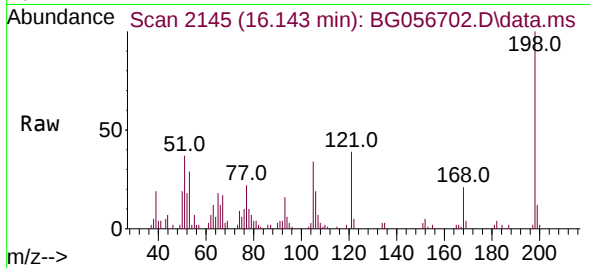
#65
4,6-Dinitro-2-methylphenol
Concen: 27.185 ng
RT: 16.143 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:198 Resp: 17692
Ion Ratio Lower Upper
198 100
51 37.4 7.4 47.4
105 33.9 8.2 48.2

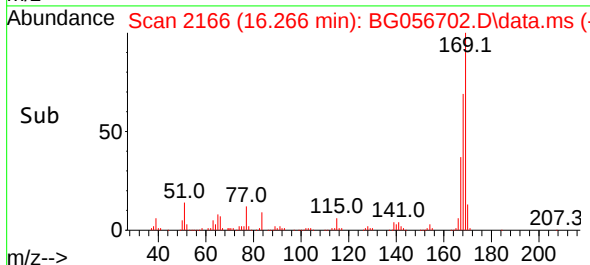
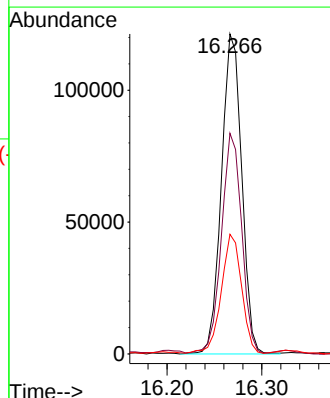
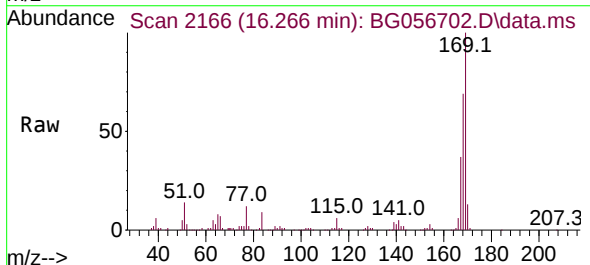
Manual Integrations
APPROVED

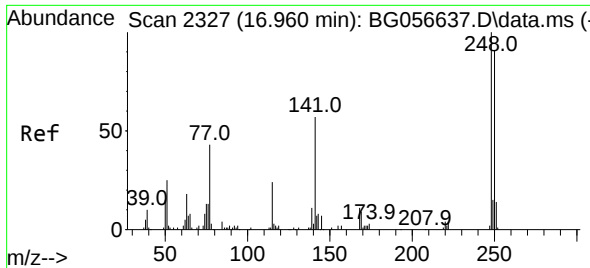
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 49.170 ng
RT: 16.266 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

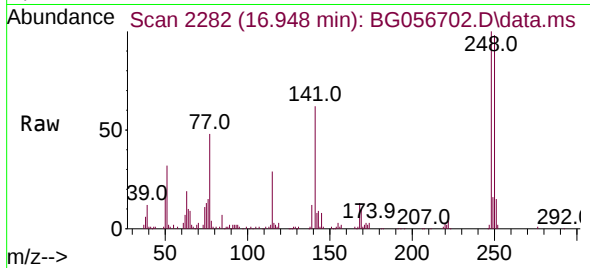
Tgt Ion:169 Resp: 180271
Ion Ratio Lower Upper
169 100
168 68.9 55.5 83.3
167 37.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 47.208 ng
RT: 16.948 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

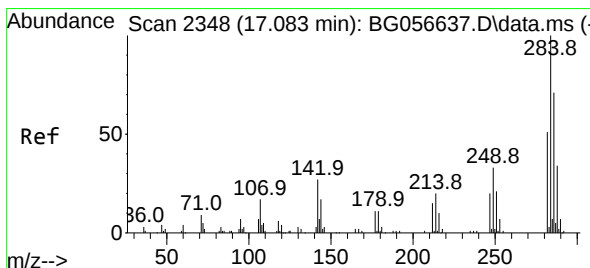
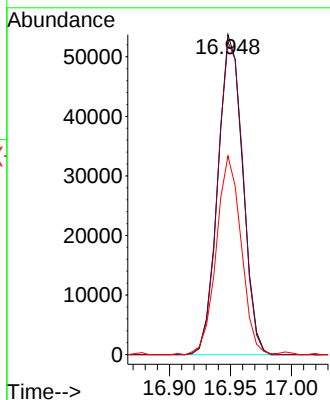
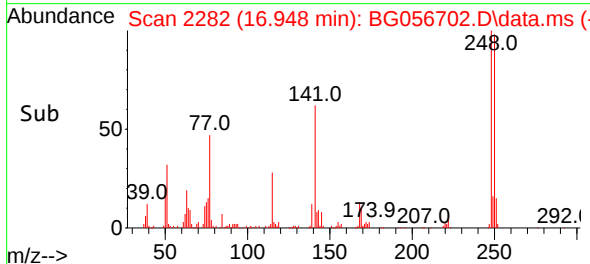
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



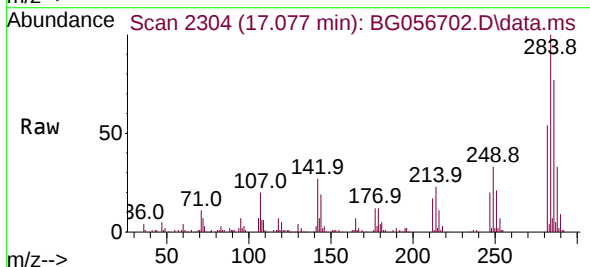
Tgt Ion:248 Resp: 76386
Ion Ratio Lower Upper
248 100
250 97.7 73.0 109.6
141 62.1 45.6 68.4

Manual Integrations
APPROVED

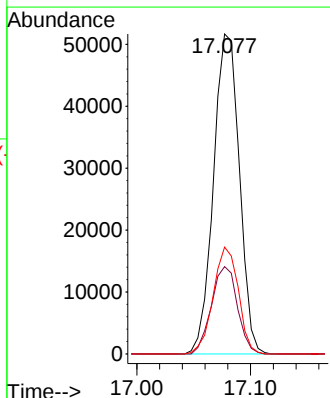
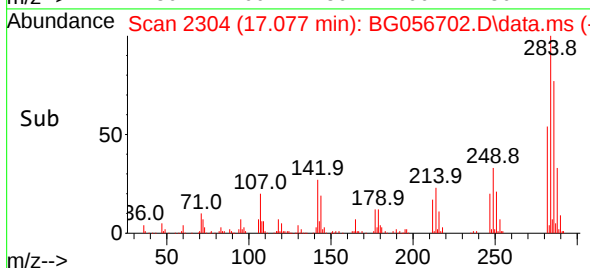
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

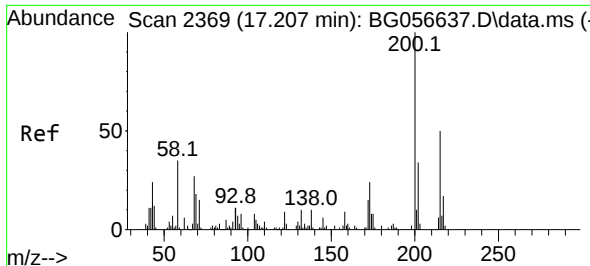


#68
Hexachlorobenzene
Concen: 49.519 ng
RT: 17.077 min Scan# 2304
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



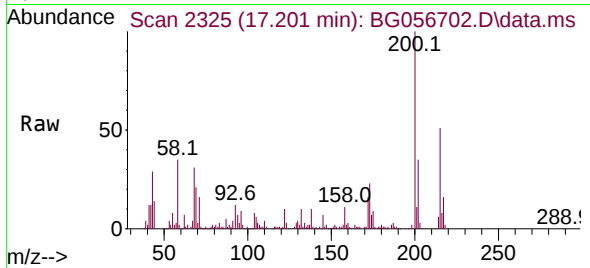
Tgt Ion:284 Resp: 81633
Ion Ratio Lower Upper
284 100
142 27.3 21.4 32.2
249 33.4 26.1 39.1





#69
 Atrazine
 Concen: 50.036 ng
 RT: 17.201 min Scan# 2362
 Delta R.T. 0.002 min
 Lab File: BG056702.D
 Acq: 22 Feb 2023 17:58

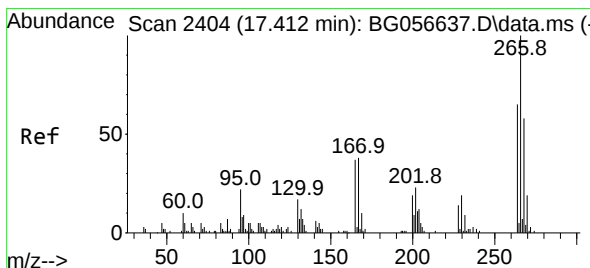
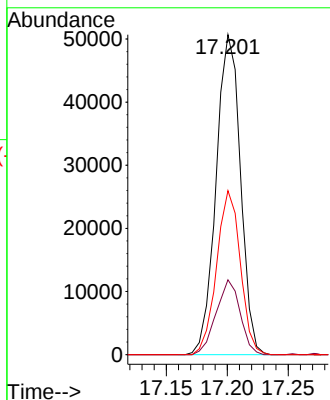
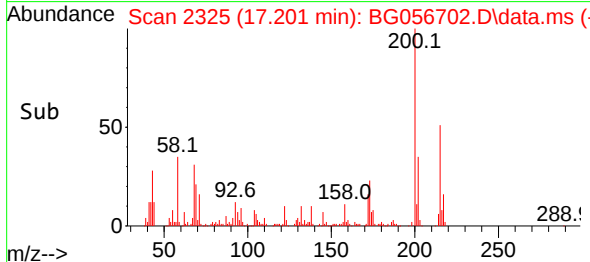
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MS



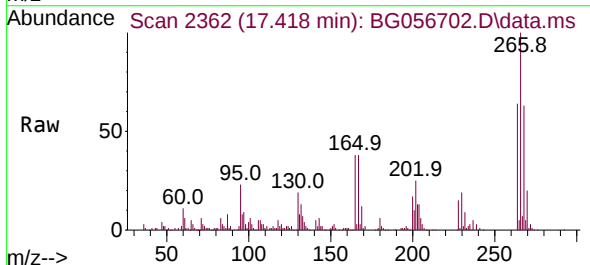
Tgt Ion:200 Resp: 70442
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.4 44.4
 215 51.2 29.6 69.6

Manual Integrations
 APPROVED

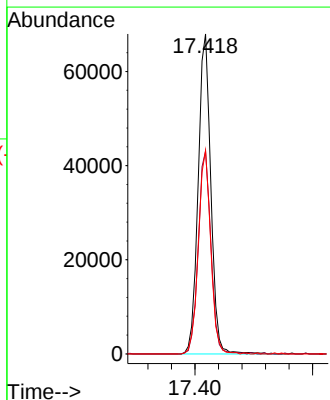
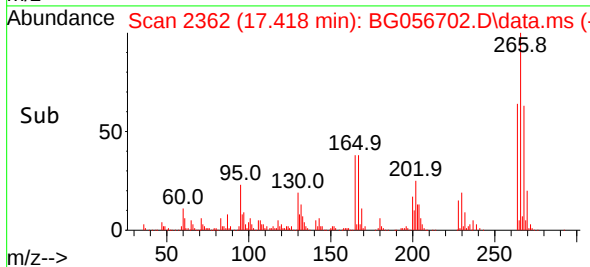
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

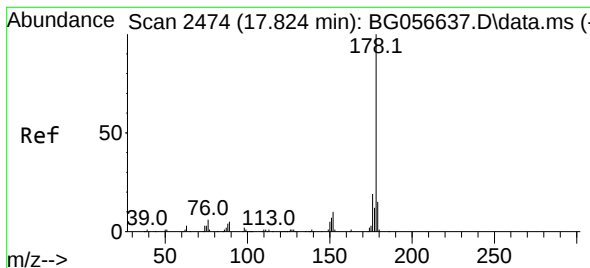


#70
 Pentachlorophenol
 Concen: 92.848 ng
 RT: 17.418 min Scan# 2362
 Delta R.T. 0.008 min
 Lab File: BG056702.D
 Acq: 22 Feb 2023 17:58



Tgt Ion:266 Resp: 101365
 Ion Ratio Lower Upper
 266 100
 268 63.4 46.7 70.1
 264 63.6 51.8 77.6





#71

Phenanthrene

Concen: 86.776 ng

RT: 17.817 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG056702.D

Acq: 22 Feb 2023 17:58

Instrument :

BNA_G

ClientSampleId :

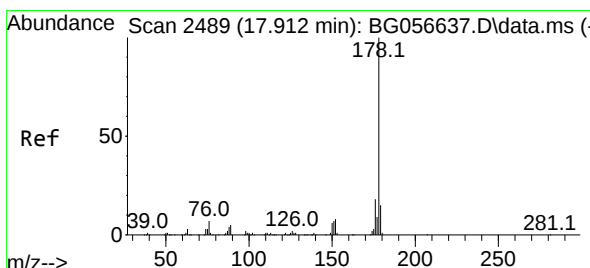
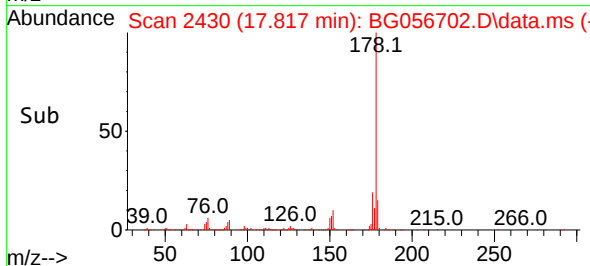
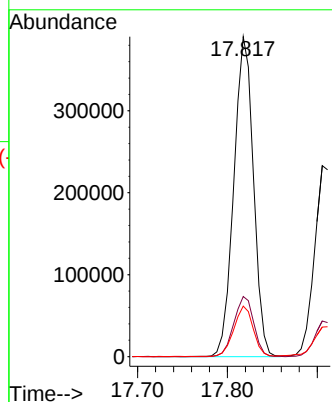
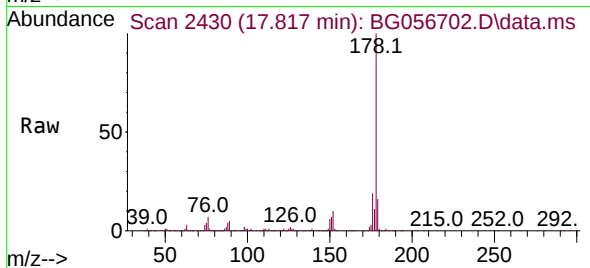
TR-05-02212023MS

Tgt Ion:178 Resp: 594979
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.8 12.2 18.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#72

Anthracene

Concen: 51.569 ng

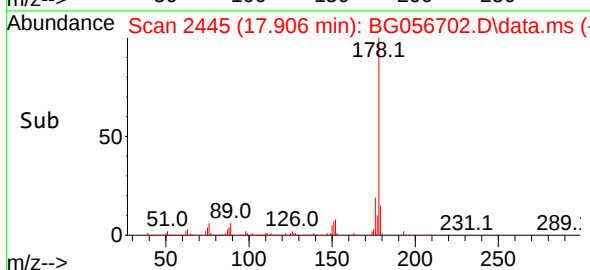
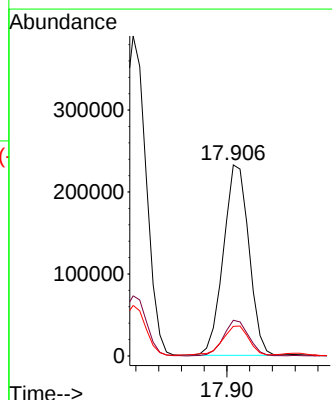
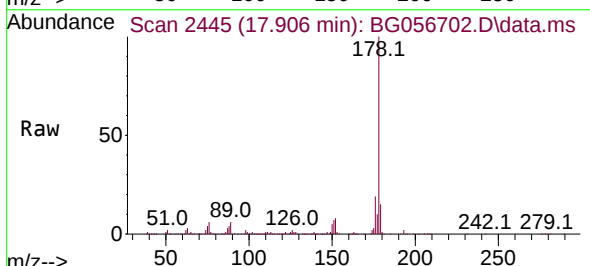
RT: 17.906 min Scan# 2445

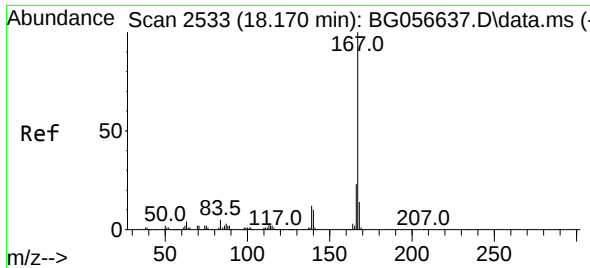
Delta R.T. 0.002 min

Lab File: BG056702.D

Acq: 22 Feb 2023 17:58

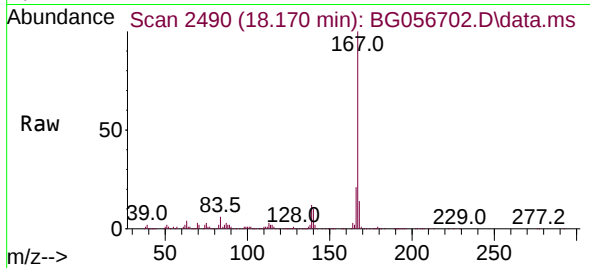
Tgt Ion:178 Resp: 361804
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.3 21.5
 179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 48.066 ng
 RT: 18.170 min Scan# 24
 Delta R.T. 0.002 min
 Lab File: BG056702.D
 Acq: 22 Feb 2023 17:58

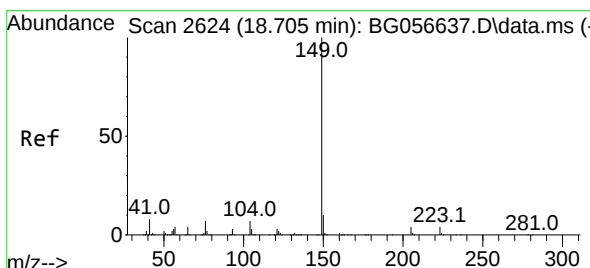
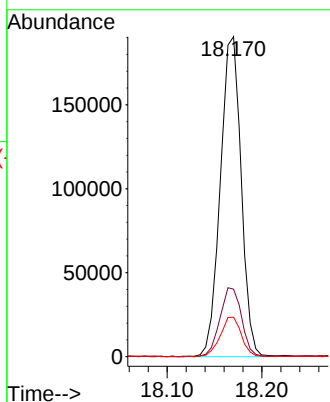
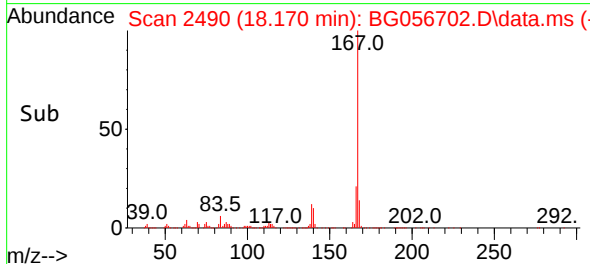
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MS



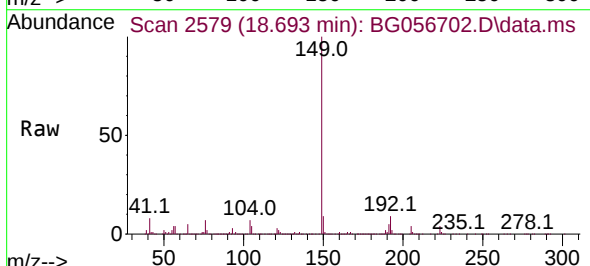
Tgt Ion:167 Resp: 290700
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.1 27.1
 139 12.3 9.4 14.0

Manual Integrations
 APPROVED

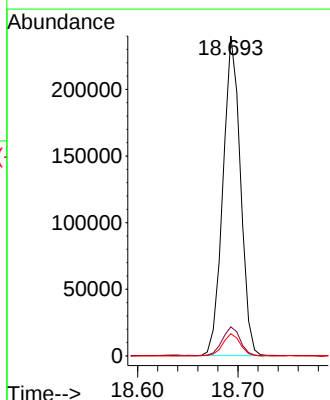
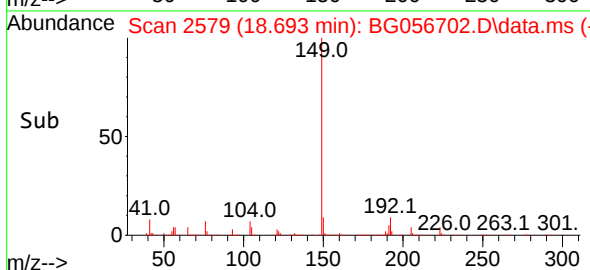
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

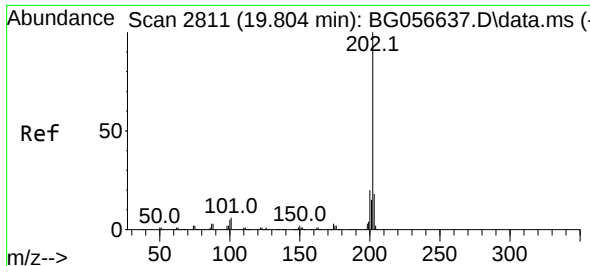


#74
 Di-n-butylphthalate
 Concen: 42.975 ng
 RT: 18.693 min Scan# 2579
 Delta R.T. 0.002 min
 Lab File: BG056702.D
 Acq: 22 Feb 2023 17:58



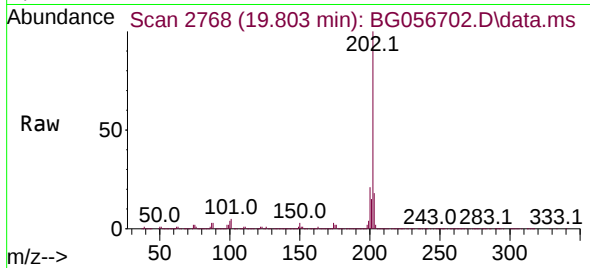
Tgt Ion:149 Resp: 290862
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 6.9 5.4 8.0





#75
Fluoranthene
Concen: 108.283 ng
RT: 19.803 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

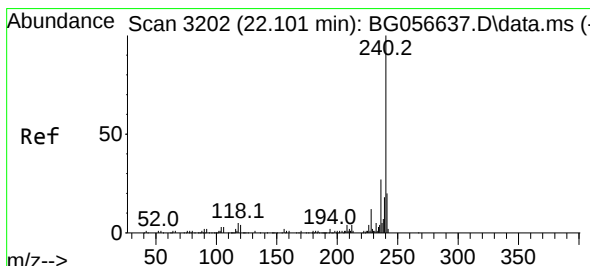
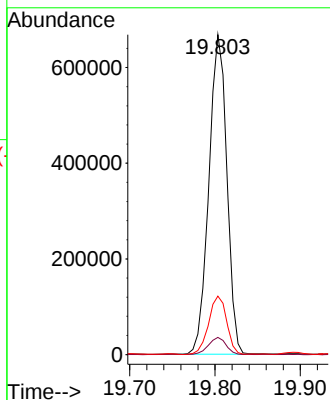
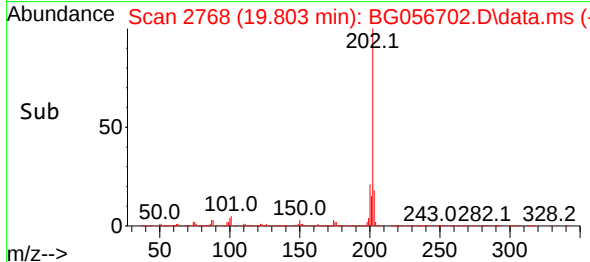
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:202 Resp: 979639
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.8
203 18.3 0.0 37.6

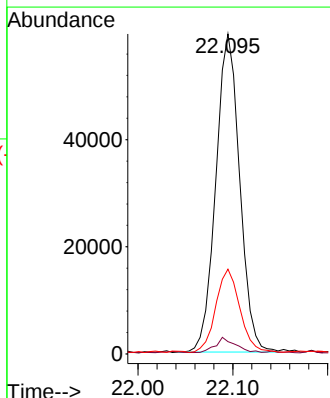
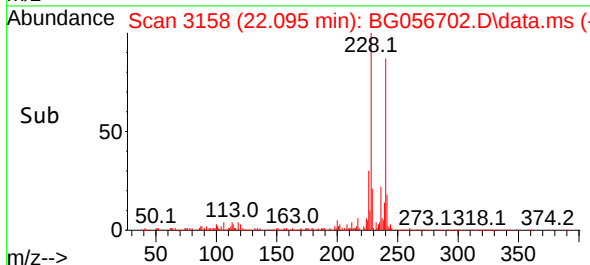
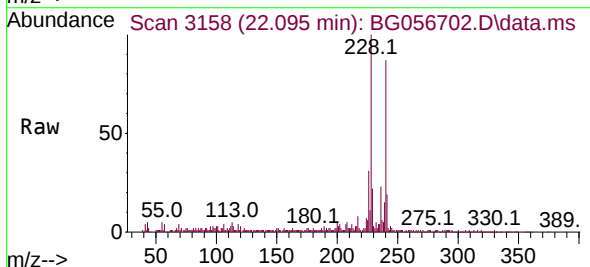
Manual Integrations
APPROVED

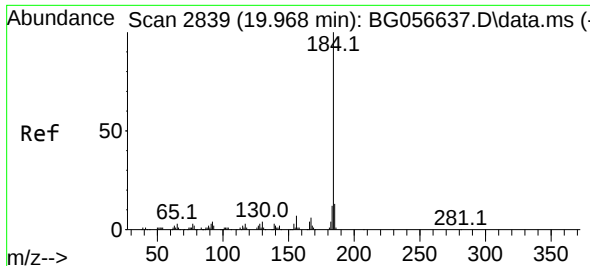
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3158
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Tgt Ion:240 Resp: 103776
Ion Ratio Lower Upper
240 100
120 3.8 3.5 5.3
236 26.5 21.5 32.3





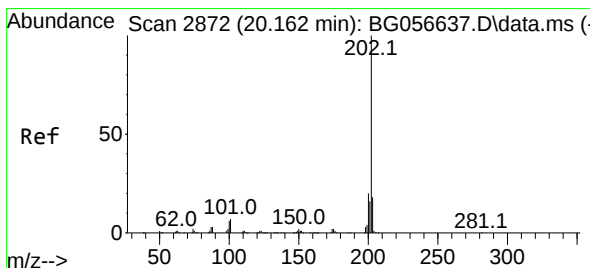
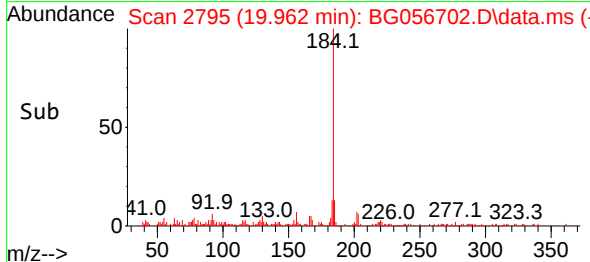
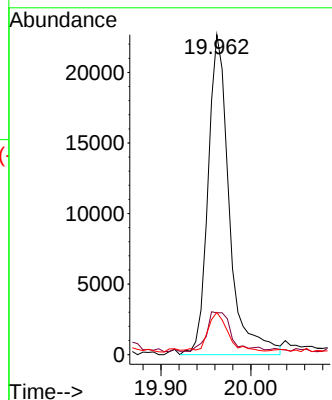
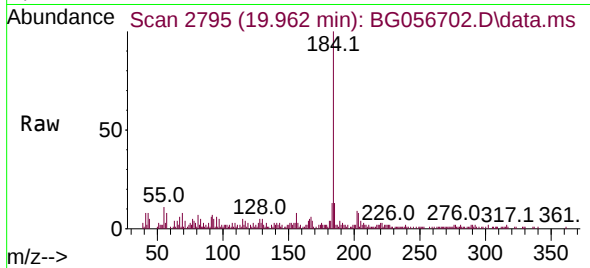
#77
Benzidine
Concen: 15.078 ng
RT: 19.962 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:184 Resp: 37426
Ion Ratio Lower Upper
184 100
185 13.1 10.6 15.8
183 13.2 9.4 14.0

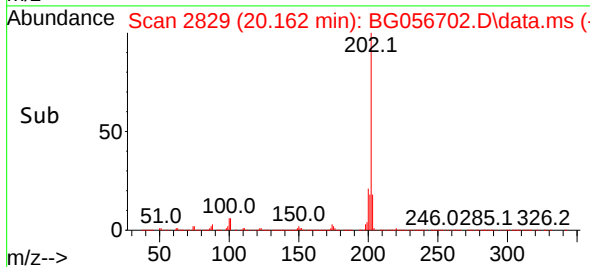
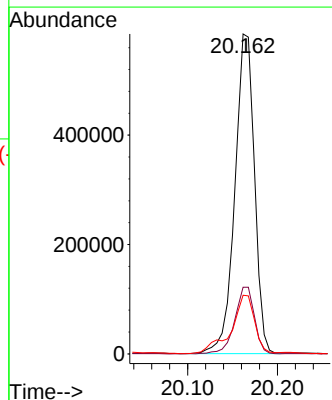
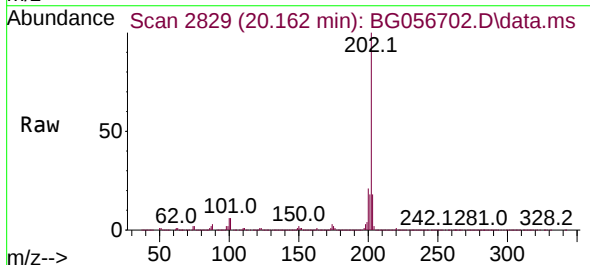
Manual Integrations
APPROVED

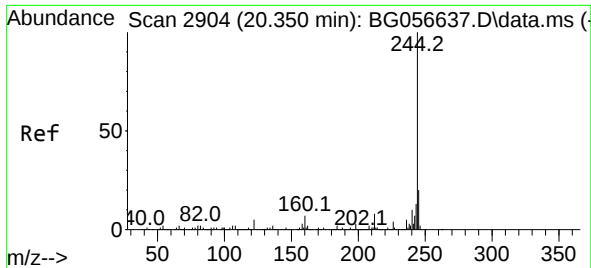
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#78
Pyrene
Concen: 113.566 ng
RT: 20.162 min Scan# 2829
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

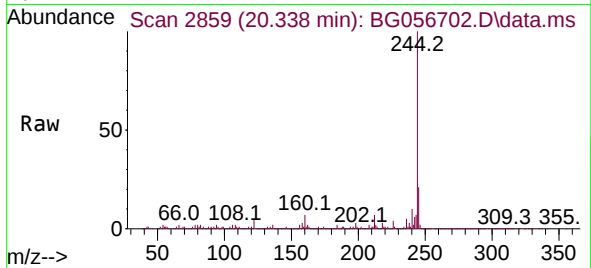
Tgt Ion:202 Resp: 890058
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 18.3 14.2 21.4





#79
Terphenyl-d14
Concen: 71.882 ng
RT: 20.338 min Scan# 2859
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

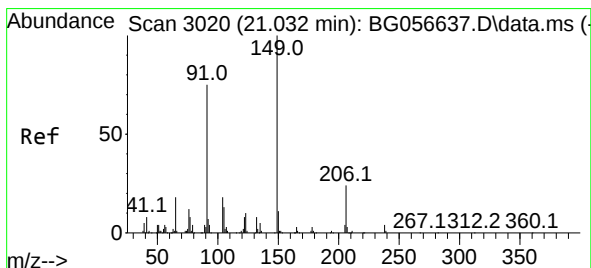
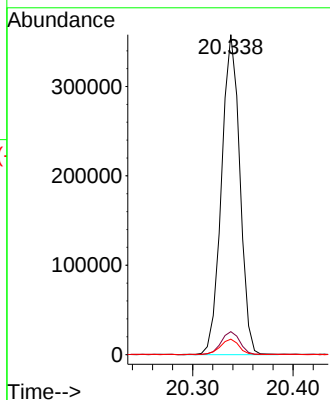
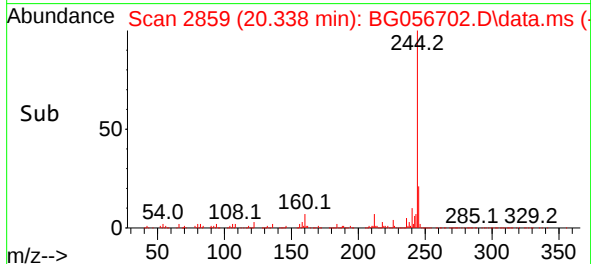
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



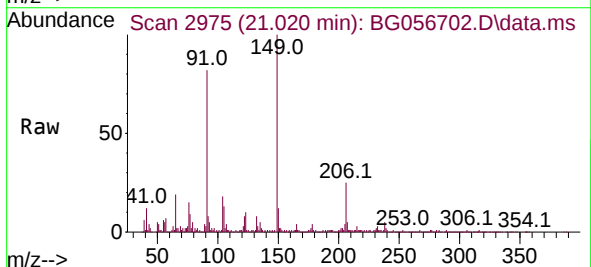
Tgt Ion:244 Resp: 455937
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 4.8 3.8 5.8

Manual Integrations
APPROVED

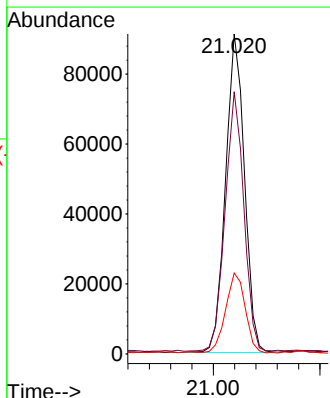
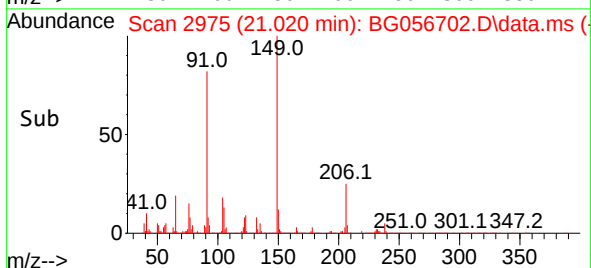
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

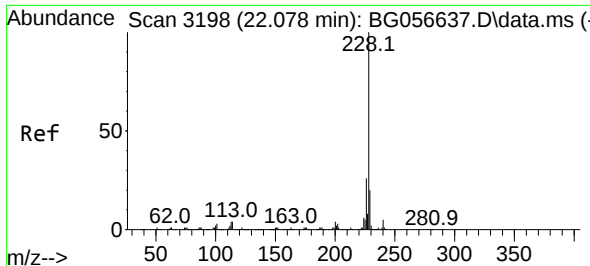


#80
Butylbenzylphthalate
Concen: 47.736 ng
RT: 21.020 min Scan# 2975
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



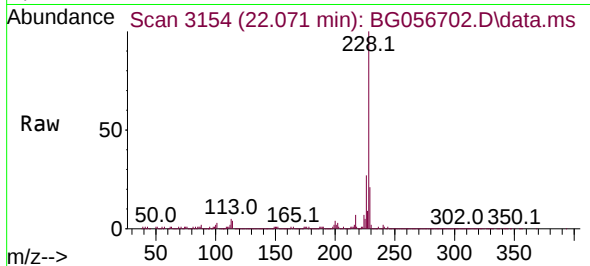
Tgt Ion:149 Resp: 112347
Ion Ratio Lower Upper
149 100
91 81.9 60.3 90.5
206 25.3 19.0 28.6





#81
Benzo(a)anthracene
Concen: 81.473 ng
RT: 22.071 min Scan# 3198
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

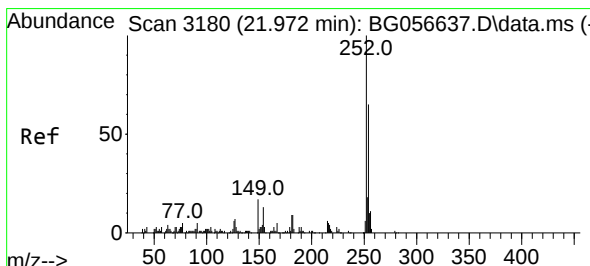
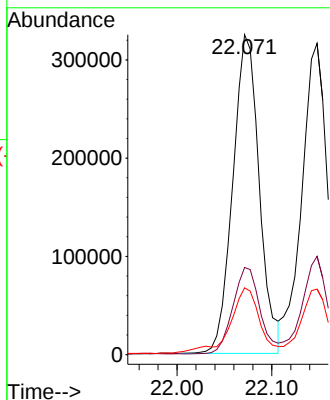
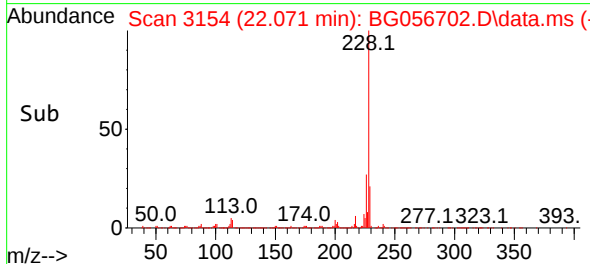
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:228 Resp: 628776
Ion Ratio Lower Upper
228 100
226 27.2 20.4 30.6
229 20.9 16.0 24.0

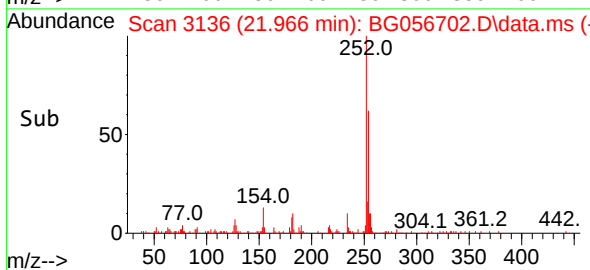
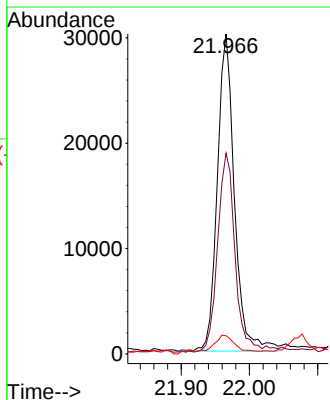
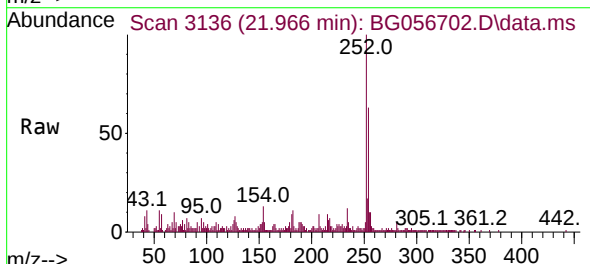
Manual Integrations
APPROVED

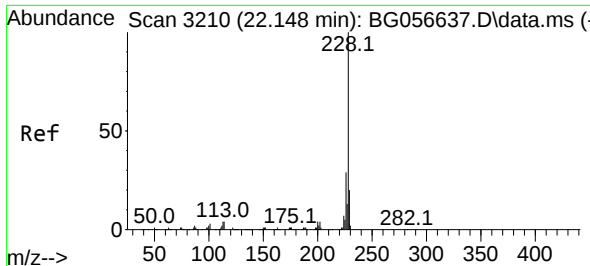
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 20.929 ng
RT: 21.966 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

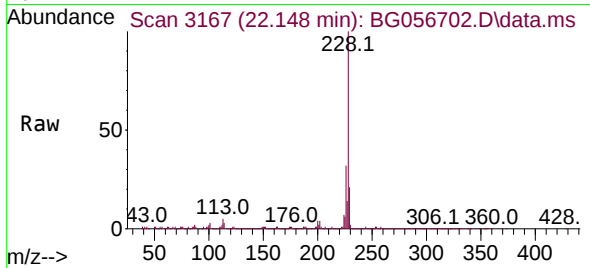
Tgt Ion:252 Resp: 52403
Ion Ratio Lower Upper
252 100
254 62.7 52.2 78.2
126 5.7 4.9 7.3





#83
Chrysene
Concen: 82.259 ng
RT: 22.148 min Scan# 3167
Delta R.T. 0.008 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

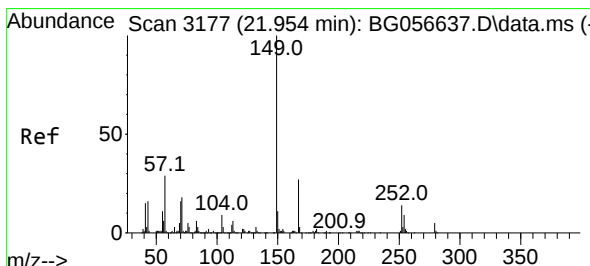
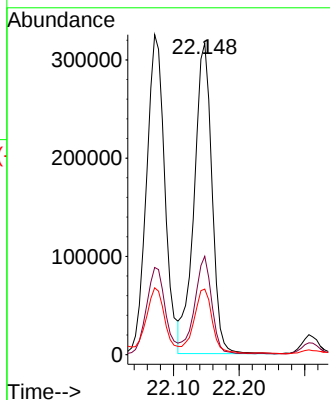
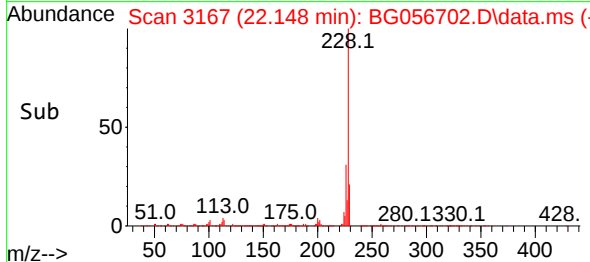
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



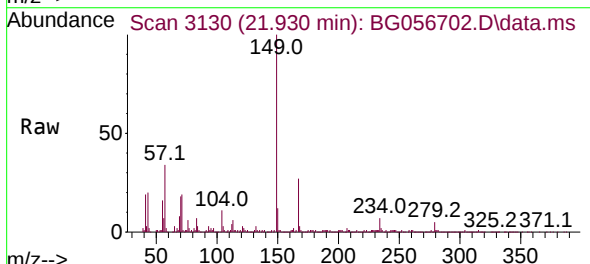
Tgt Ion:228 Resp: 593481
Ion Ratio Lower Upper
228 100
226 31.6 23.0 34.6
229 21.1 15.8 23.8

Manual Integrations
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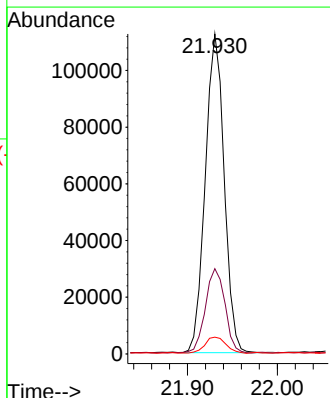
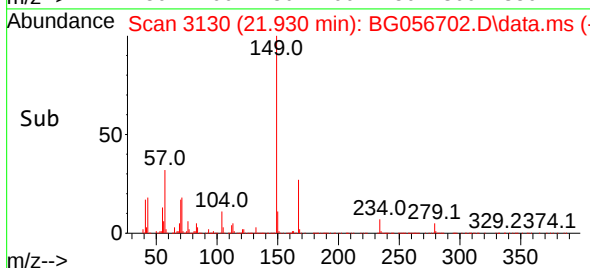
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

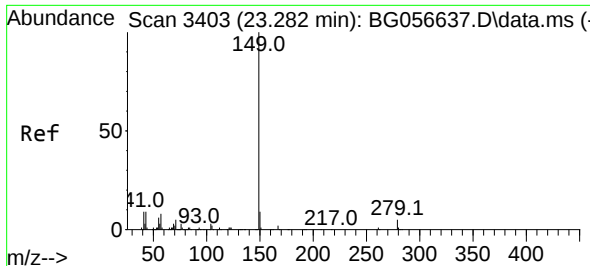


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.750 ng
RT: 21.930 min Scan# 3130
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



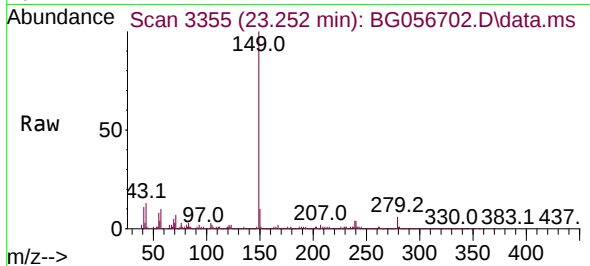
Tgt Ion:149 Resp: 164873
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 5.2 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 48.006 ng
RT: 23.252 min Scan# 331
Delta R.T. 0.002 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

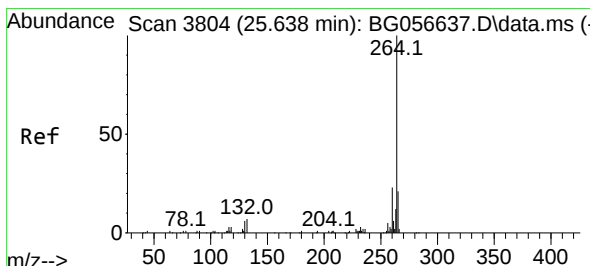
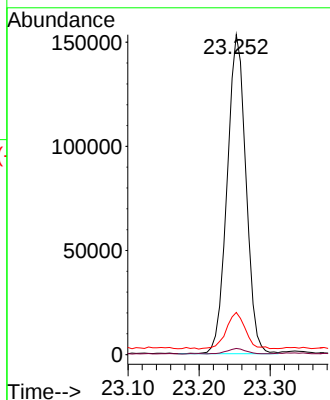
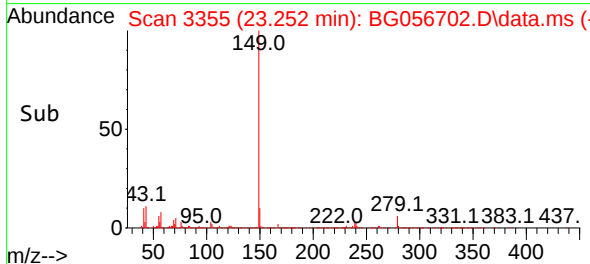
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



Tgt Ion:149 Resp: 281393
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 7.8 11.6

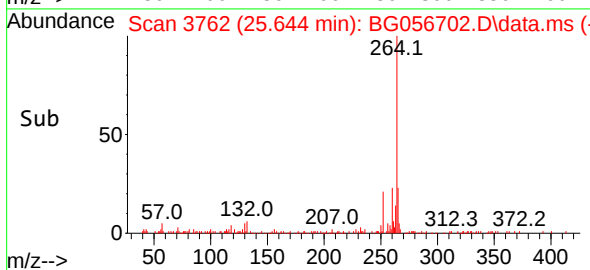
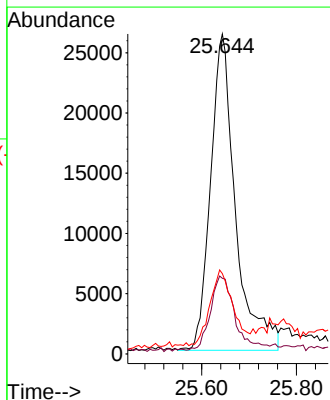
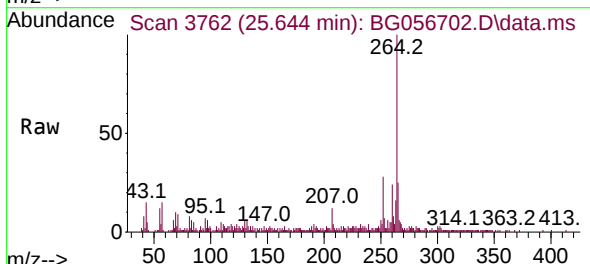
Manual Integrations
APPROVED

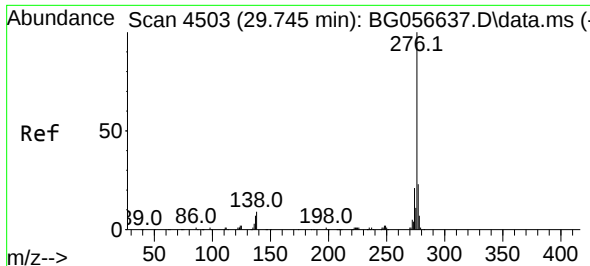
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.644 min Scan# 3762
Delta R.T. 0.020 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

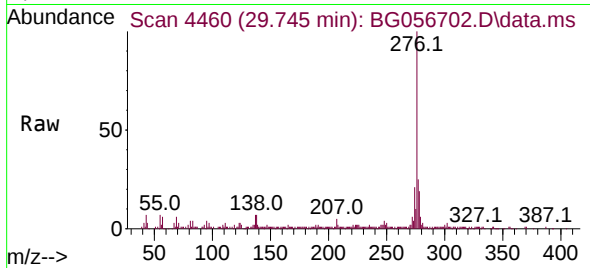
Tgt Ion:264 Resp: 95936
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 25.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.799 ng
RT: 29.745 min Scan# 44
Delta R.T. 0.020 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

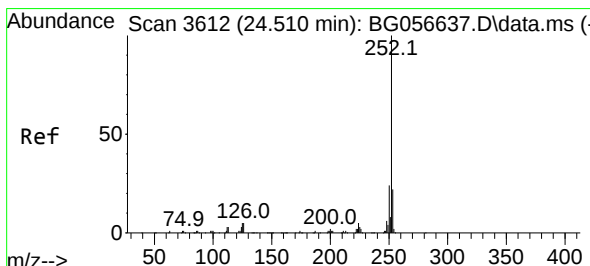
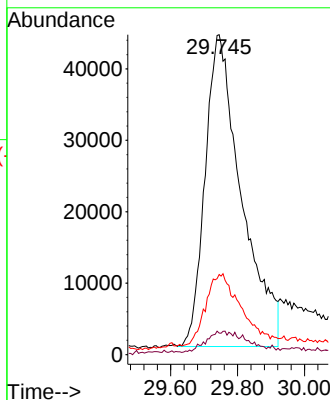
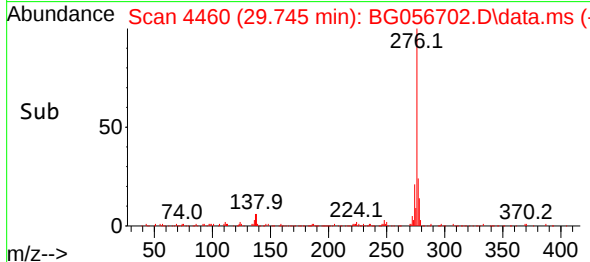
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



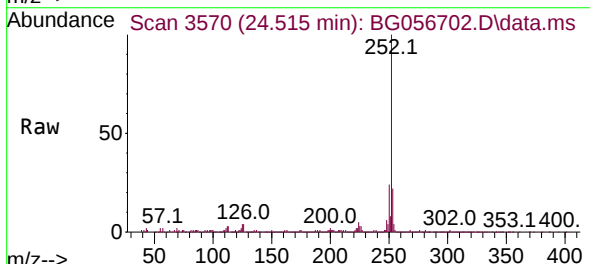
Tgt Ion:276 Resp: 329081
Ion Ratio Lower Upper
276 100
138 2.9 3.8 5.8
277 22.1 20.3 30.5

Manual Integrations
APPROVED

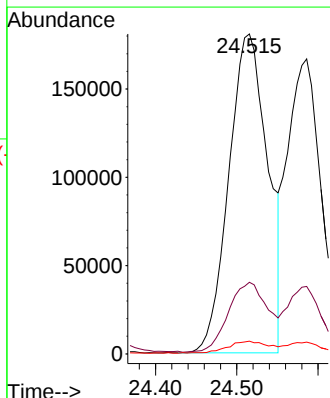
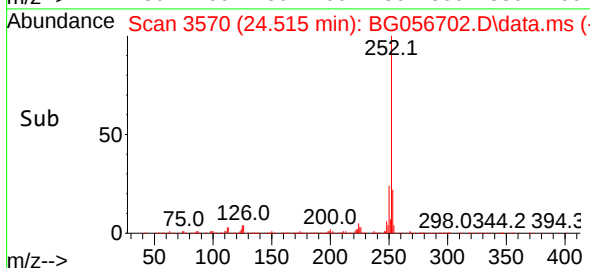
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

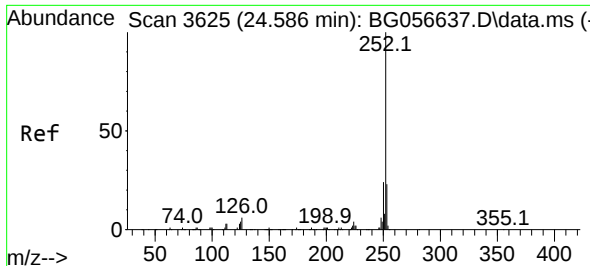


#88
Benzo(b)fluoranthene
Concen: 96.031 ng
RT: 24.515 min Scan# 3570
Delta R.T. 0.020 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:252 Resp: 601881
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 4.0 3.7 5.5





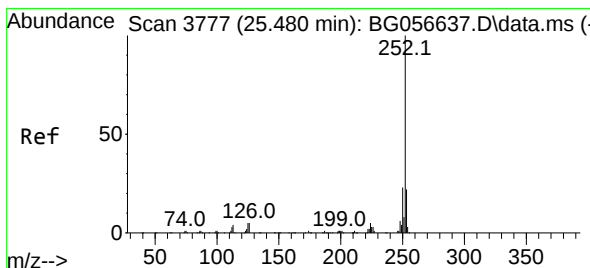
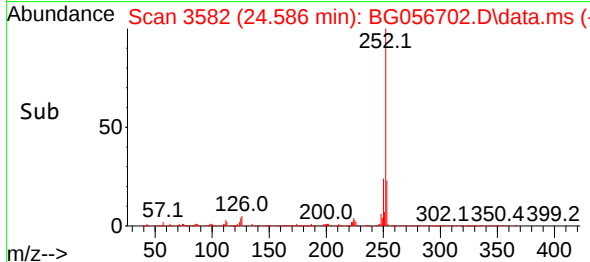
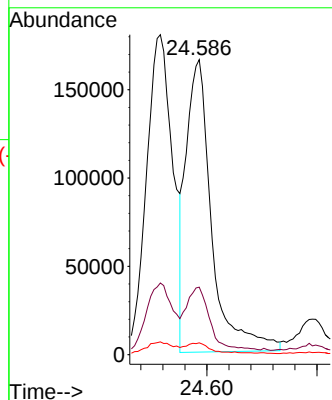
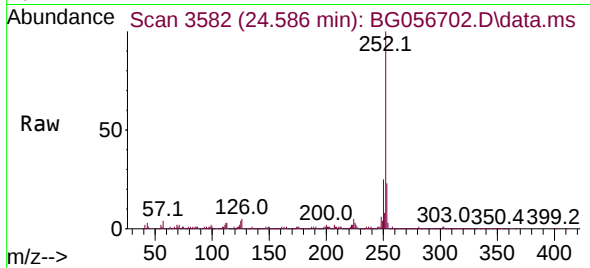
#89
Benzo(k)fluoranthene
Concen: 87.322 ng
RT: 24.586 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS

Tgt Ion:252 Resp: 538200
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 4.0 3.4 5.0

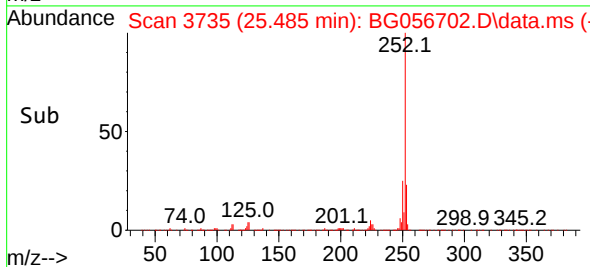
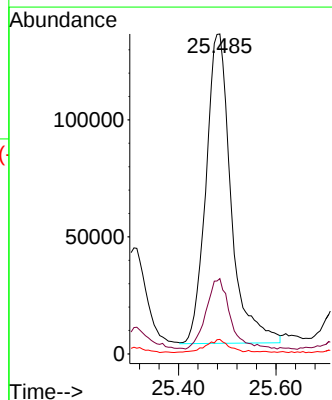
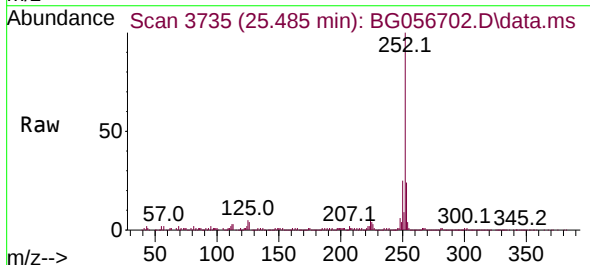
Manual Integrations
APPROVED

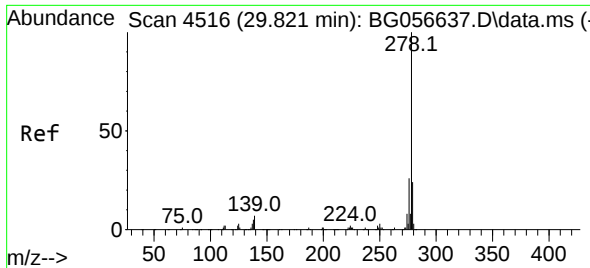
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#90
Benzo(a)pyrene
Concen: 78.407 ng
RT: 25.485 min Scan# 3735
Delta R.T. 0.025 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

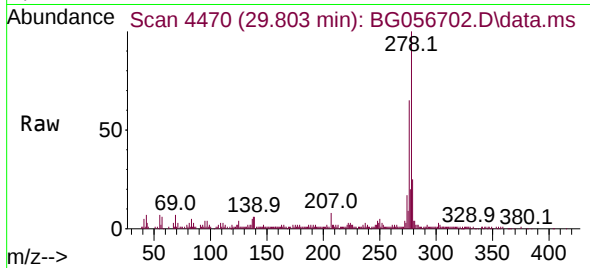
Tgt Ion:252 Resp: 472369
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 4.5 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 35.175 ng
RT: 29.803 min Scan# 44
Delta R.T. 0.014 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58

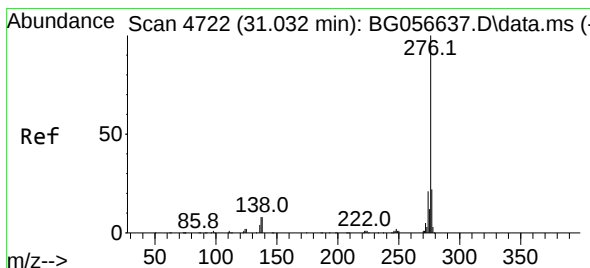
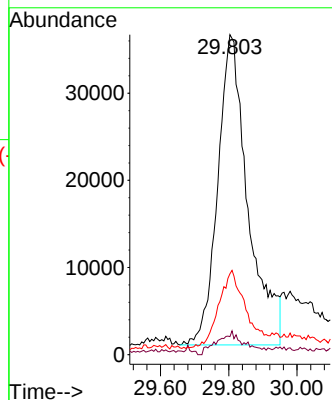
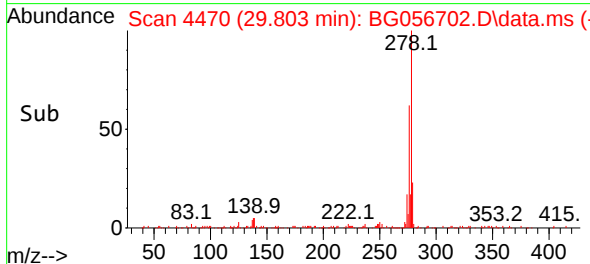
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MS



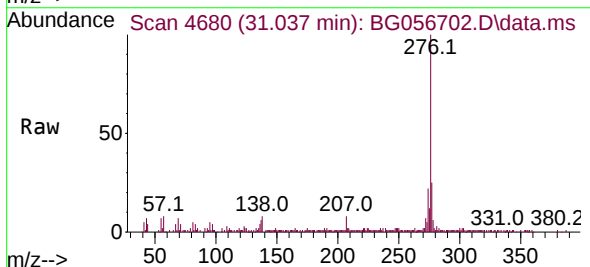
Tgt Ion:278 Resp: 218886
Ion Ratio Lower Upper
278 100
139 5.6 5.8 8.8
279 25.3 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 38.173 ng
RT: 31.037 min Scan# 4680
Delta R.T. 0.031 min
Lab File: BG056702.D
Acq: 22 Feb 2023 17:58



Tgt Ion:276 Resp: 232106
Ion Ratio Lower Upper
276 100
277 24.7 17.5 26.3
138 7.8 6.4 9.6

