

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057169.D
 Acq On : 25 Apr 2023 9:48
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 23:56:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.386	152	20558	20.000	ng	0.00
21) Naphthalene-d8	11.224	136	81390	20.000	ng	0.00
39) Acenaphthene-d10	15.001	164	59298	20.000	ng	0.00
64) Phenanthrene-d10	17.738	188	144282	20.000	ng	0.00
76) Chrysene-d12	22.056	240	126512	20.000	ng	0.00
86) Perylene-d12	25.575	264	134126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	100067	88.208	ng	0.00
7) Phenol-d6	7.517	99	150618	91.763	ng	0.00
23) Nitrobenzene-d5	9.567	82	156405	95.001	ng	0.00
42) 2,4,6-Tribromophenol	16.481	330	62408	79.766	ng	0.00
45) 2-Fluorobiphenyl	13.626	172	364633	82.640	ng	0.00
79) Terphenyl-d14	20.305	244	620976	85.854	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.704	88	22593	44.444	ng	97
3) Pyridine	4.127	79	73260	47.498	ng	91
4) n-Nitrosodimethylamine	4.033	42	31900	57.335	ng	# 81
6) Aniline	7.699	93	95243	44.433	ng	95
8) 2-Chlorophenol	7.940	128	51698	43.502	ng	99
9) Benzaldehyde	7.511	77	42803	43.538	ng	90
10) Phenol	7.546	94	72344	44.388	ng	93
11) bis(2-Chloroethyl)ether	7.787	93	55612	43.483	ng	96
12) 1,3-Dichlorobenzene	8.275	146	54944m	39.028	ng	
13) 1,4-Dichlorobenzene	8.422	146	56383	39.740	ng	97
14) 1,2-Dichlorobenzene	8.751	146	53391	38.975	ng	95
15) Benzyl Alcohol	8.615	79	58372	48.263	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.903	45	72272m	43.496	ng	
17) 2-Methylphenol	8.821	107	52349	43.894	ng	93
18) Hexachloroethane	9.485	117	19738	41.008	ng	95
19) n-Nitroso-di-n-propyla...	9.185	70	54325	53.212	ng	92
20) 3+4-Methylphenols	9.144	107	73005	44.729	ng	96
22) Acetophenone	9.215	105	93987	42.568	ng	# 94
24) Nitrobenzene	9.608	77	78873	47.716	ng	97
25) Isophorone	10.125	82	146926	46.527	ng	96
26) 2-Nitrophenol	10.325	139	27753	44.941	ng	# 84
27) 2,4-Dimethylphenol	10.366	122	52114	43.907	ng	96
28) bis(2-Chloroethoxy)met...	10.601	93	74631	45.084	ng	99
29) 2,4-Dichlorophenol	10.865	162	56272	42.559	ng	94
30) 1,2,4-Trichlorobenzene	11.083	180	61460	38.013	ng	90
31) Naphthalene	11.276	128	176016	40.716	ng	99
32) Benzoic acid	10.501	122	23603m	43.107	ng	
33) 4-Chloroaniline	11.370	127	80474	42.339	ng	98
34) Hexachlorobutadiene	11.547	225	44892	37.655	ng	98
35) Caprolactam	12.134	113	17646	48.198	ng	96
36) 4-Chloro-3-methylphenol	12.469	107	63370	44.552	ng	94
37) 2-Methylnaphthalene	12.851	142	137894	40.534	ng	93
38) 1-Methylnaphthalene	13.068	142	128477	40.906	ng	97
40) 1,2,4,5-Tetrachloroben...	13.215	216	86601	39.912	ng	97
41) Hexachlorocyclopentadiene	13.186	237	35390	40.604	ng	92
43) 2,4,6-Trichlorophenol	13.444	196	51524	43.863	ng	95

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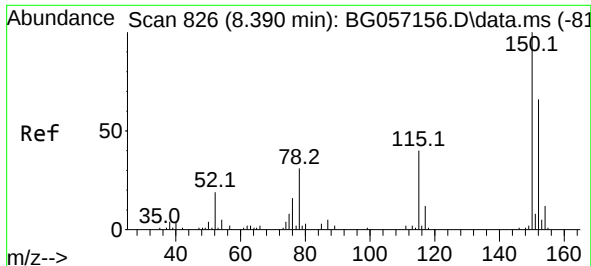
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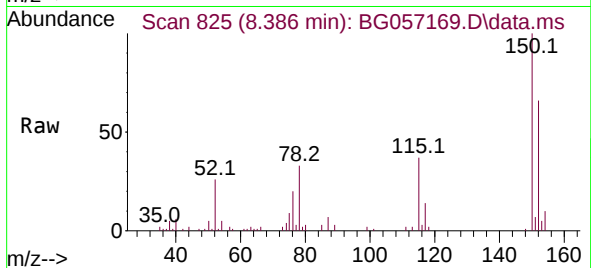
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.521	196	60485	42.651	ng	98
46) 1,1'-Biphenyl	13.838	154	185370	41.939	ng	98
47) 2-Chloronaphthalene	13.891	162	136509	40.920	ng	98
48) 2-Nitroaniline	14.084	65	41065	49.141	ng	93
49) Acenaphthylene	14.731	152	223645	42.232	ng	98
50) Dimethylphthalate	14.437	163	185206	44.503	ng	99
51) 2,6-Dinitrotoluene	14.566	165	39877	45.905	ng	97
52) Acenaphthene	15.065	154	149338m	43.162	ng	
53) 3-Nitroaniline	14.895	138	39482	45.770	ng	99
54) 2,4-Dinitrophenol	15.107	184	19536	42.933	ng	# 87
55) Dibenzofuran	15.394	168	228413	40.743	ng	98
56) 4-Nitrophenol	15.189	139	27813	45.808	ng	90
57) 2,4-Dinitrotoluene	15.347	165	53692	45.386	ng	# 92
58) Fluorene	16.041	166	187693	41.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.618	232	52164	42.942	ng	99
60) Diethylphthalate	15.782	149	183221	45.673	ng	99
61) 4-Chlorophenyl-phenyle...	16.017	204	111183	41.042	ng	98
62) 4-Nitroaniline	16.058	138	39533	45.514	ng	# 82
63) Azobenzene	16.311	77	199491	46.747	ng	97
65) 4,6-Dinitro-2-methylph...	16.111	198	32951	44.408	ng	97
66) n-Nitrosodiphenylamine	16.234	169	159918	42.478	ng	97
67) 4-Bromophenyl-phenylether	16.916	248	70668	40.728	ng	96
68) Hexachlorobenzene	17.045	284	69918	39.286	ng	98
69) Atrazine	17.163	200	58686	48.805	ng	95
70) Pentachlorophenol	17.386	266	36354	43.466	ng	99
71) Phenanthrene	17.779	178	306506	41.612	ng	99
72) Anthracene	17.873	178	311744	41.858	ng	99
73) Carbazole	18.138	167	264198	42.025	ng	100
74) Di-n-butylphthalate	18.655	149	269612	46.105	ng	99
75) Fluoranthene	19.771	202	373179	40.780	ng	99
77) Benzidine	19.935	184	99385	52.133	ng	99
78) Pyrene	20.129	202	377935	44.000	ng	100
80) Butylbenzylphthalate	20.987	149	105168	47.073	ng	96
81) Benzo(a)anthracene	22.033	228	372219	42.792	ng	99
82) 3,3'-Dichlorobenzidine	21.933	252	111729	49.077	ng	97
83) Chrysene	22.103	228	352822	42.061	ng	99
84) Bis(2-ethylhexyl)phtha...	21.880	149	156310	44.386	ng	97
85) Di-n-octyl phthalate	23.190	149	267292	47.107	ng	98
87) Indeno(1,2,3-cd)pyrene	29.640	276	405518	42.208	ng	98
88) Benzo(b)fluoranthene	24.447	252	358219	42.606	ng	99
89) Benzo(k)fluoranthene	24.517	252	362599	41.693	ng	97
90) Benzo(a)pyrene	25.410	252	353838	42.728	ng	99
91) Dibenzo(a,h)anthracene	29.704	278	338401	42.420	ng	97
92) Benzo(g,h,i)perylene	30.920	276	328738	41.649	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.386 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

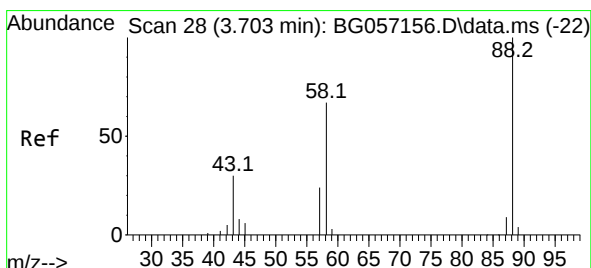
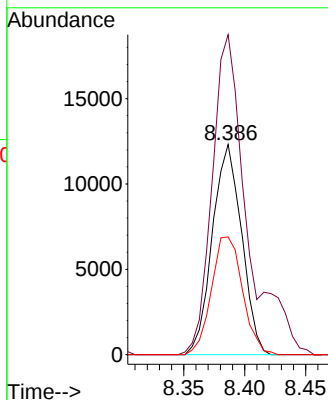
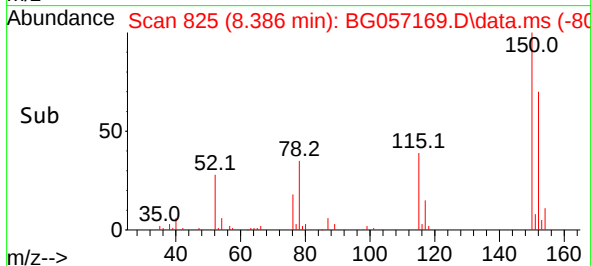
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 20558
Ion Ratio Lower Upper
152 100
150 152.2 121.4 182.2
115 56.0 48.1 72.1

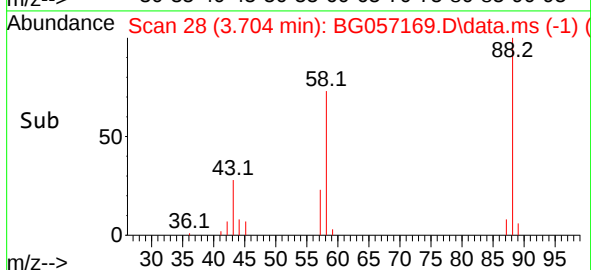
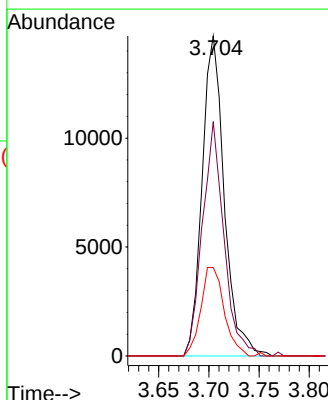
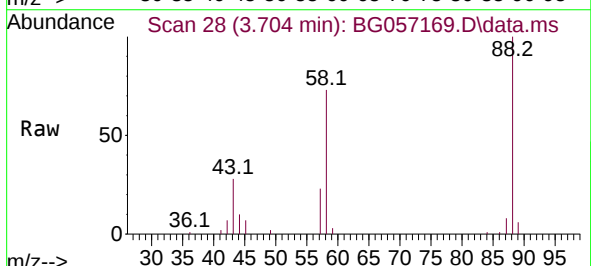
Manual Integrations
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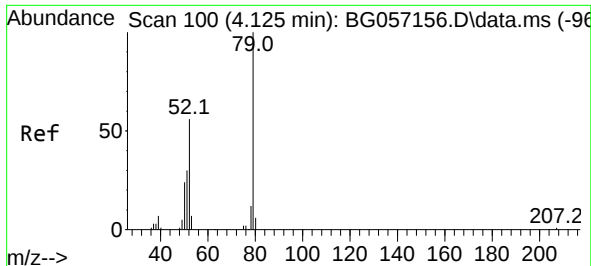
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 44.444 ng
RT: 3.704 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 88 Resp: 22593
Ion Ratio Lower Upper
88 100
58 71.0 54.2 81.4
43 29.2 23.0 34.6





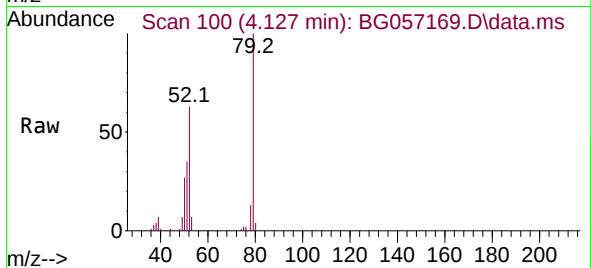
#3
Pyridine
Concen: 47.498 ng
RT: 4.127 min Scan# 100
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

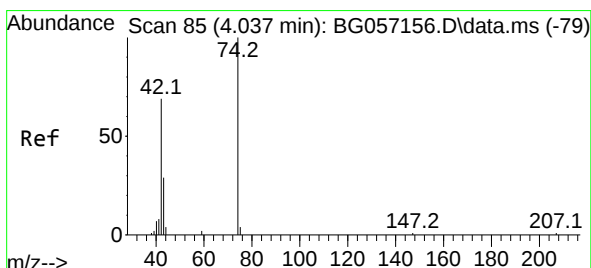
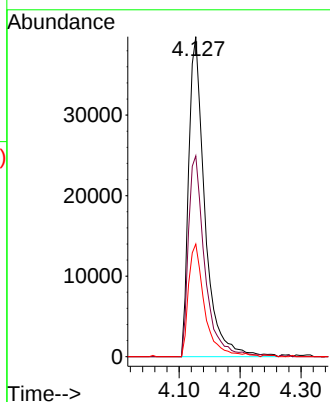
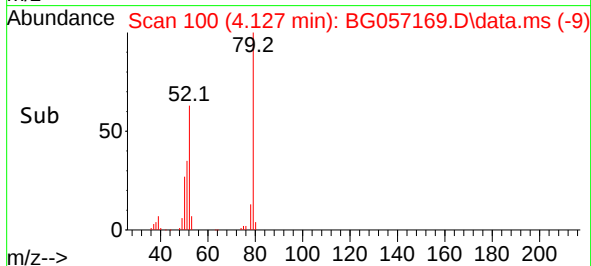


Tgt Ion: 79 Resp: 73260
Ion Ratio Lower Upper
79 100
52 62.7 44.5 66.7
51 35.2 24.3 36.5

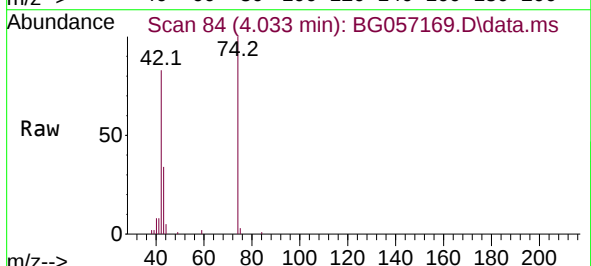
Manual Integrations

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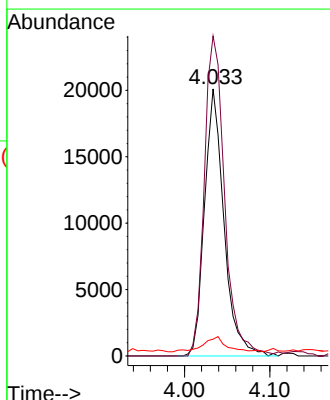
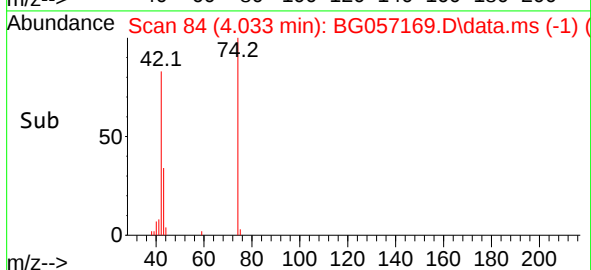
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

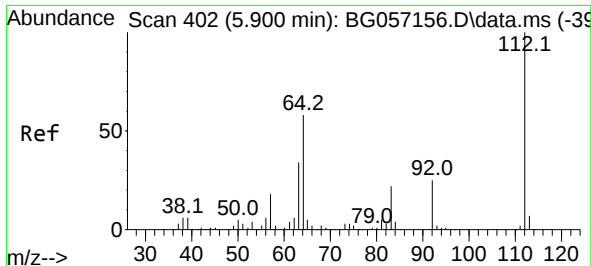


#4
n-Nitrosodimethylamine
Concen: 57.335 ng
RT: 4.033 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion: 42 Resp: 31900
Ion Ratio Lower Upper
42 100
74 119.8 115.6 173.4
44 6.3 7.1 10.7#





#5
2-Fluorophenol
Concen: 88.208 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

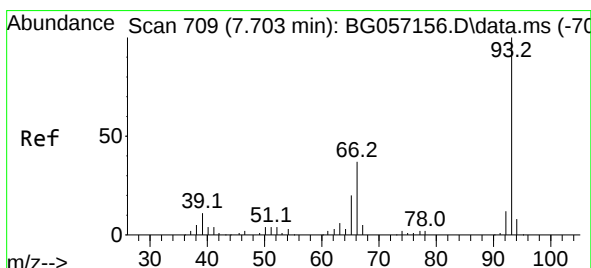
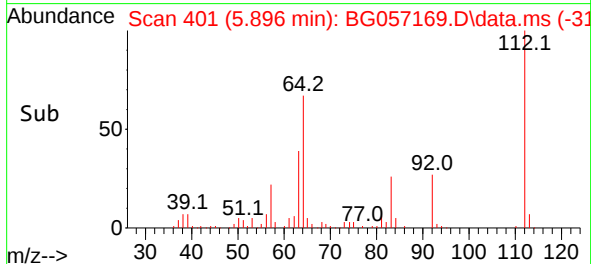
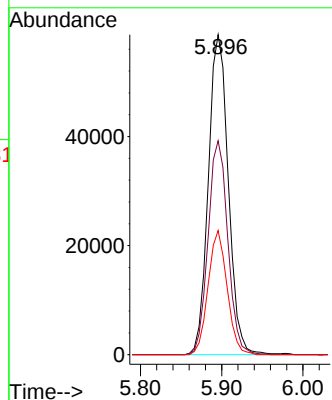
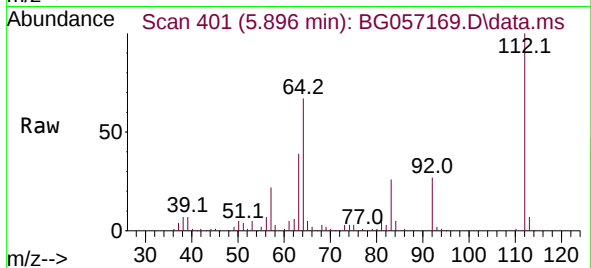
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 10006
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 38.8 26.9 40.3

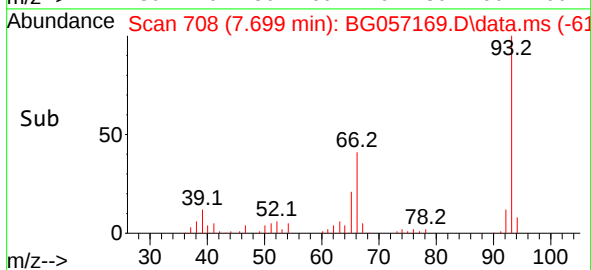
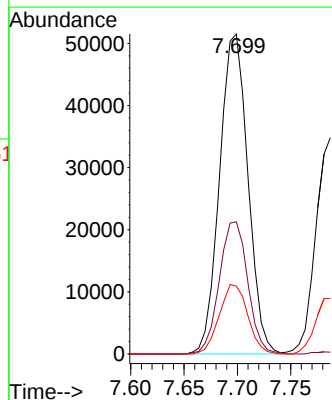
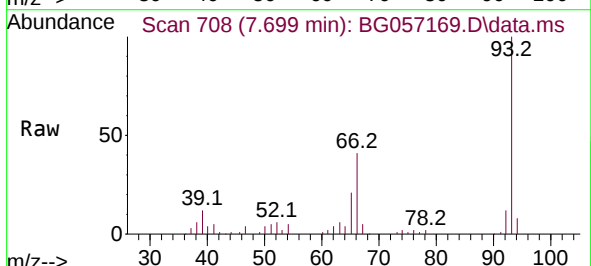
Manual Integrations
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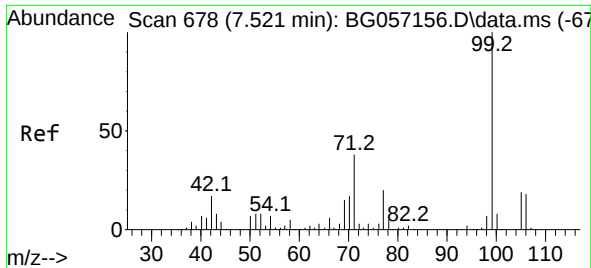
Reviewed By :Christian Giraldo 04/26/2023
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#6
Aniline
Concen: 44.433 ng
RT: 7.699 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 93 Resp: 95243
Ion Ratio Lower Upper
93 100
66 41.3 29.8 44.8
65 21.2 16.4 24.6





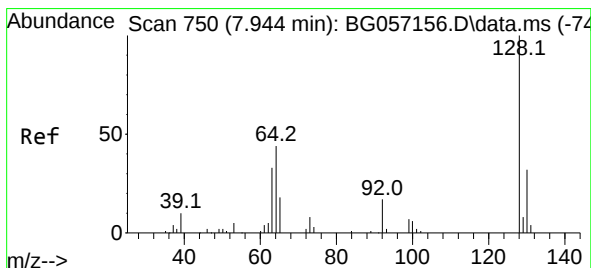
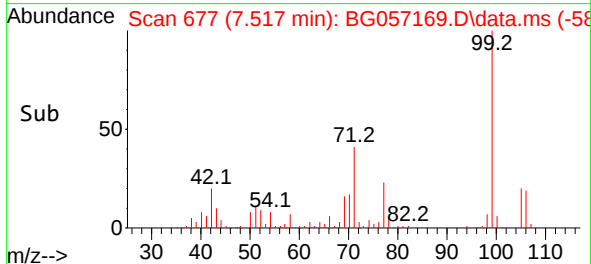
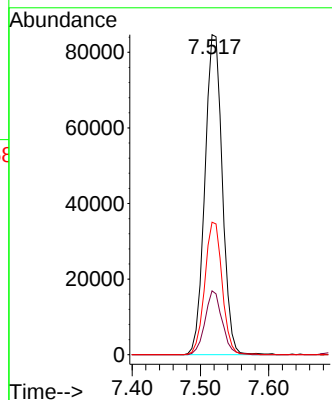
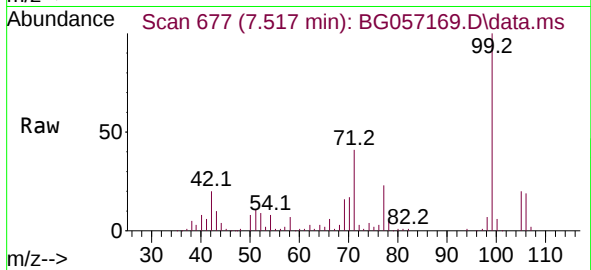
#7
Phenol-d6
Concen: 91.763 ng
RT: 7.517 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 150618
Ion Ratio Lower Upper
99 100
42 20.0 13.4 20.0
71 41.4 30.2 45.2

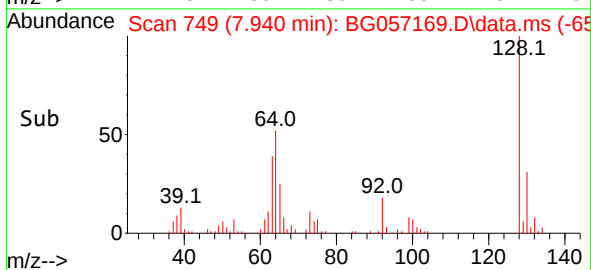
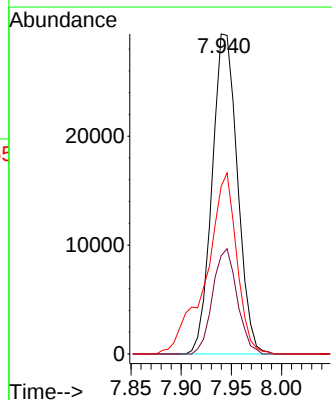
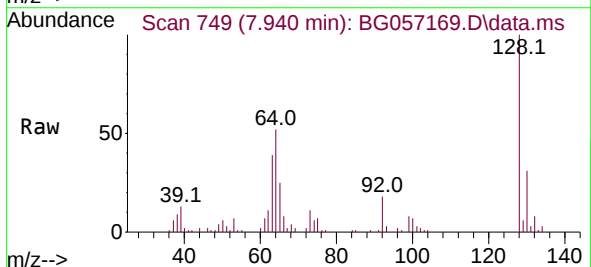
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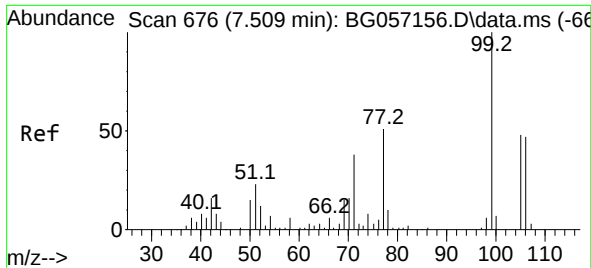
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#8
2-Chlorophenol
Concen: 43.502 ng
RT: 7.940 min Scan# 749
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:128 Resp: 51698
Ion Ratio Lower Upper
128 100
130 30.7 11.6 51.6
64 52.4 31.4 71.4





#9
Benzaldehyde
Concen: 43.538 ng
RT: 7.511 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

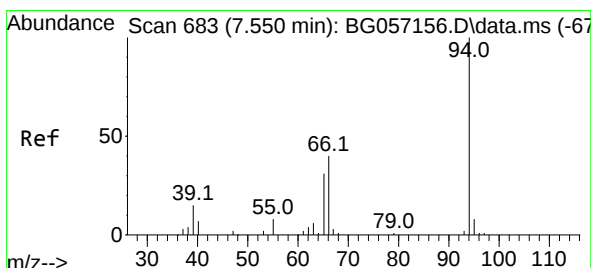
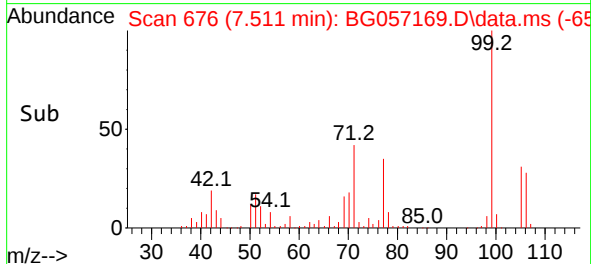
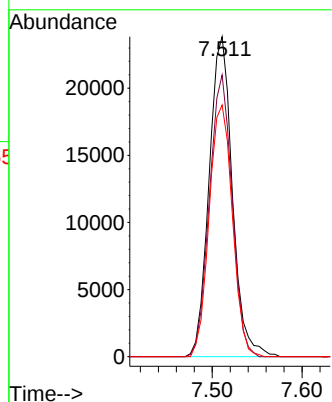
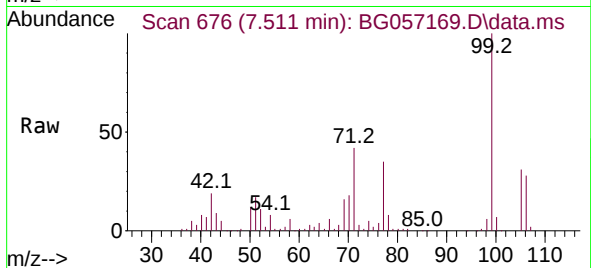
SSTDCCC040

Tgt Ion: 77 Resp: 4280
Ion Ratio Lower Upper
77 100
105 88.1 73.5 113.5
106 78.7 72.7 112.7

Manual Integrations

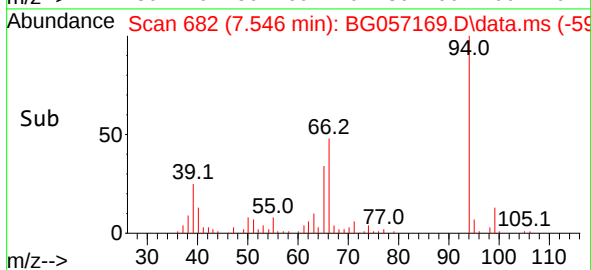
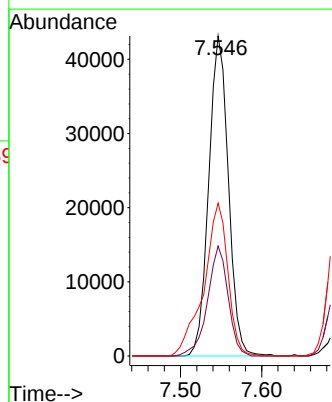
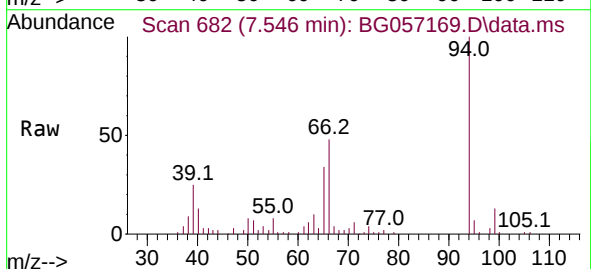
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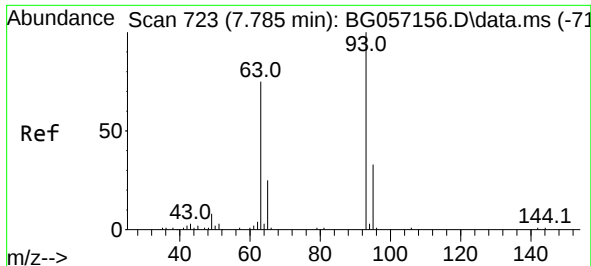
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#10
Phenol
Concen: 44.388 ng
RT: 7.546 min Scan# 682
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 94 Resp: 72344
Ion Ratio Lower Upper
94 100
65 34.3 11.6 51.6
66 47.7 22.7 62.7





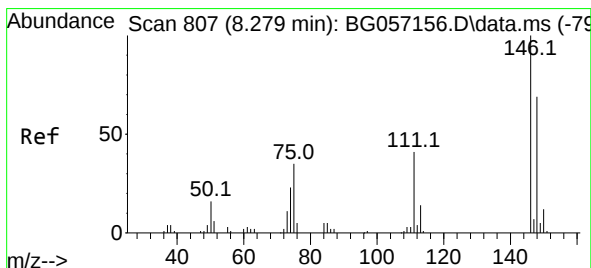
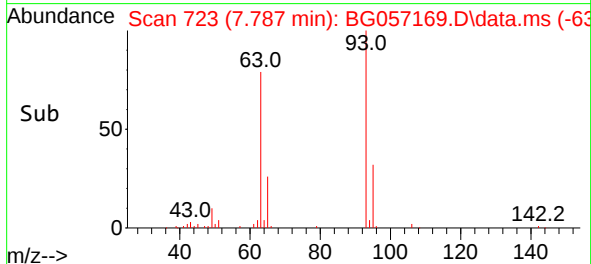
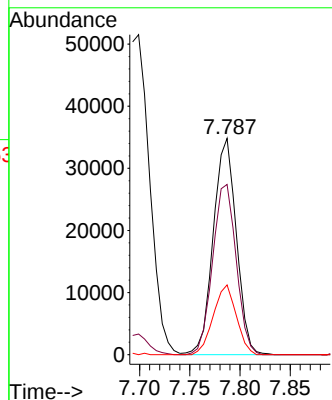
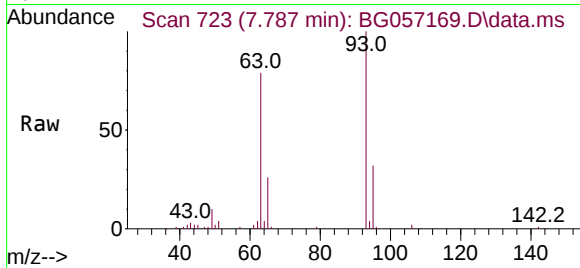
#11
bis(2-Chloroethyl)ether
Concen: 43.483 ng
RT: 7.787 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 55612
Ion Ratio Lower Upper
93 100
63 78.7 53.9 93.9
95 32.3 13.1 53.1

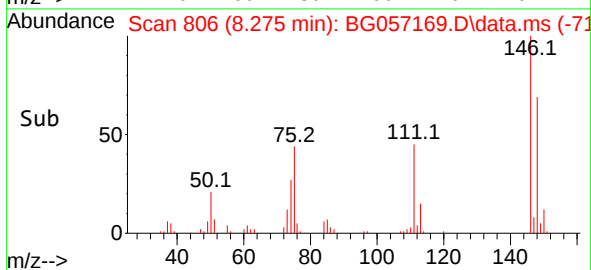
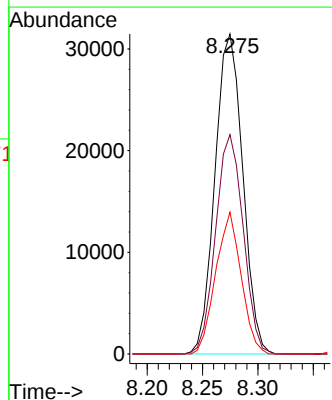
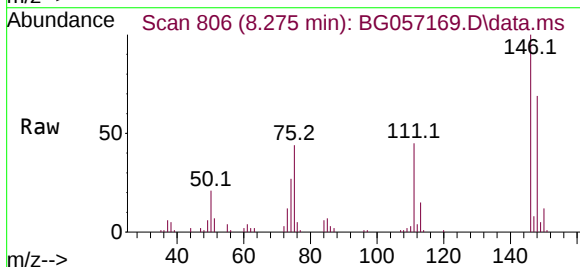
Manual Integrations
APPROVED

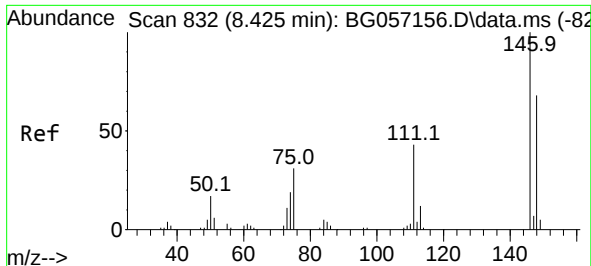
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 39.028 ng m
RT: 8.275 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:146 Resp: 54944
Ion Ratio Lower Upper
146 100
148 68.6 55.4 83.2
75 44.3 28.2 42.4#





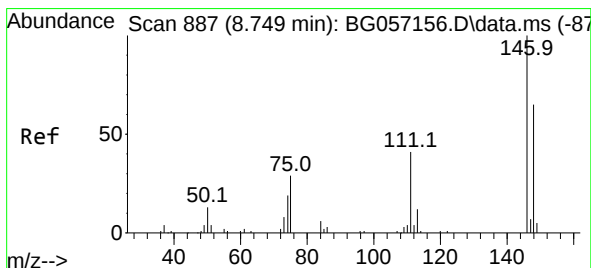
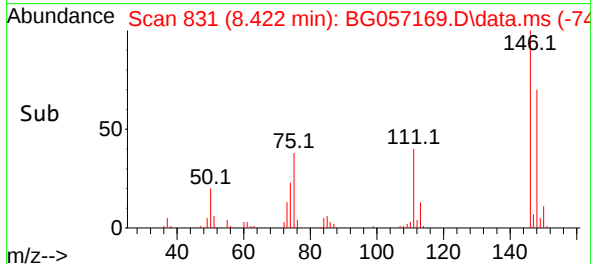
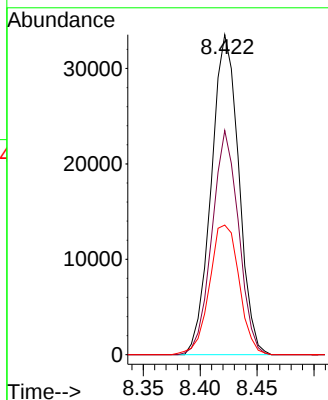
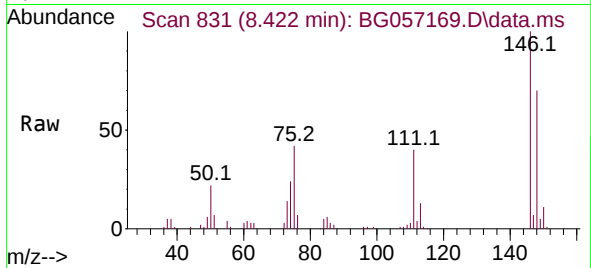
#13
1,4-Dichlorobenzene
Concen: 39.740 ng
RT: 8.422 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 5638
Ion Ratio Lower Upper
146 100
148 70.0 54.3 81.5
111 40.5 34.2 51.4

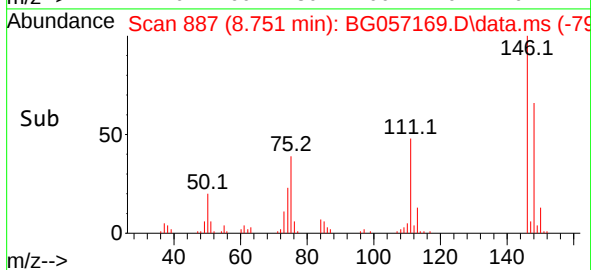
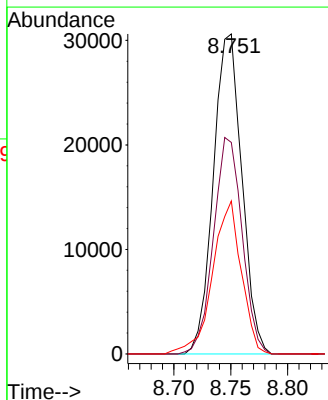
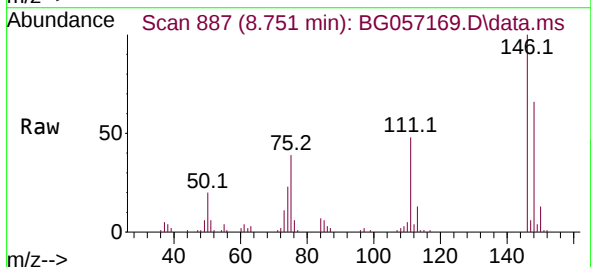
Manual Integrations
APPROVED

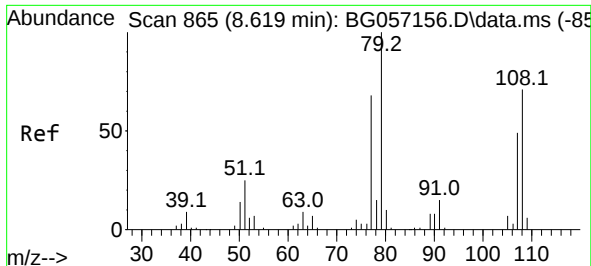
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#14
1,2-Dichlorobenzene
Concen: 38.975 ng
RT: 8.751 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:146 Resp: 53391
Ion Ratio Lower Upper
146 100
148 66.1 52.3 78.5
111 47.8 33.1 49.7





#15
Benzyl Alcohol
Concen: 48.263 ng
RT: 8.615 min Scan# 864
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

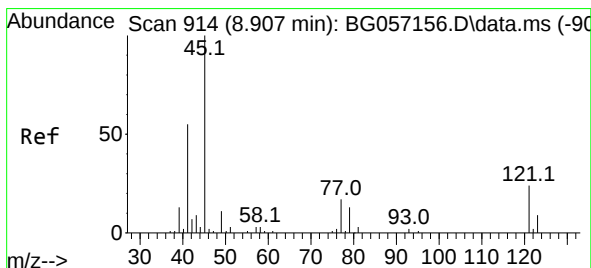
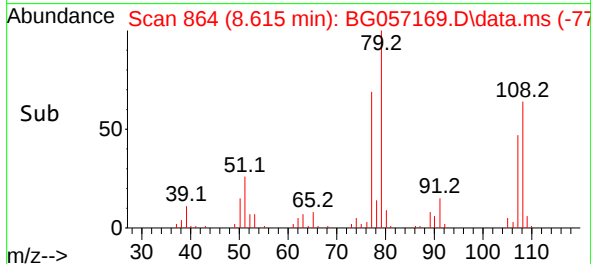
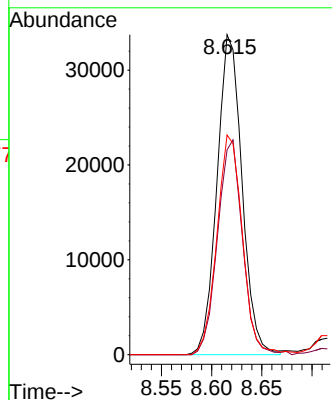
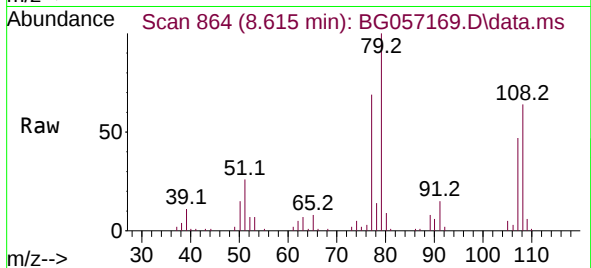
SSTDCCC040

Tgt Ion: 79 Resp: 58372
Ion Ratio Lower Upper
79 100
108 64.0 56.8 85.2
77 68.7 54.2 81.2

Manual Integrations

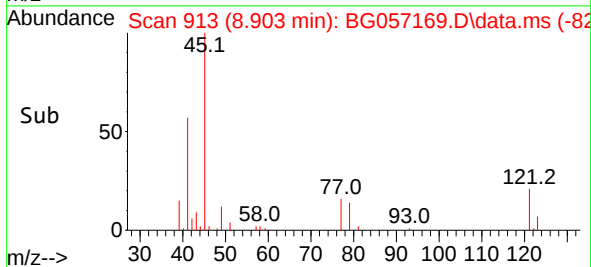
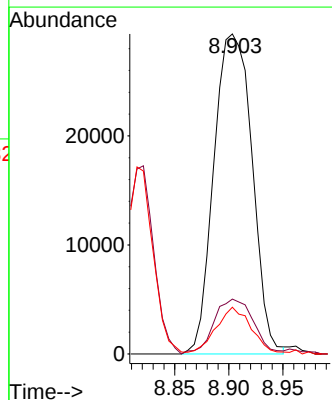
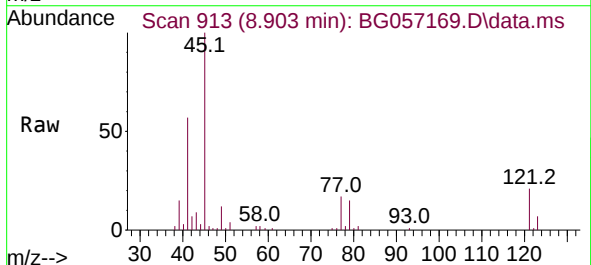
APPROVED

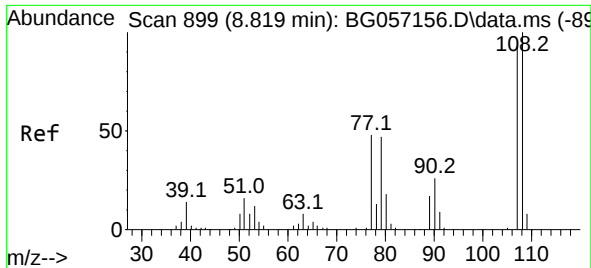
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.496 ng m
RT: 8.903 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 45 Resp: 72272
Ion Ratio Lower Upper
45 100
77 17.1 0.0 38.7
79 14.6 0.0 34.9





#17

2-Methylphenol

Concen: 43.894 ng

RT: 8.821 min Scan# 89

Delta R.T. 0.002 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

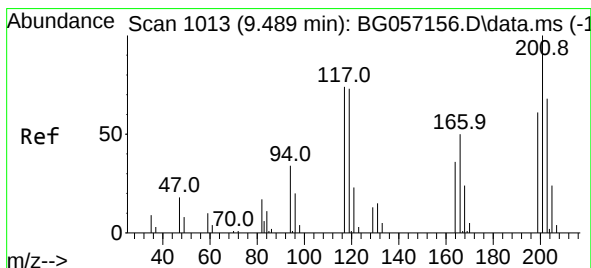
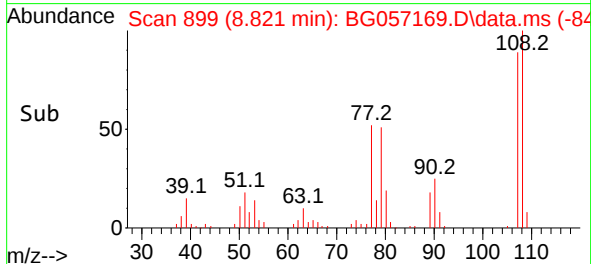
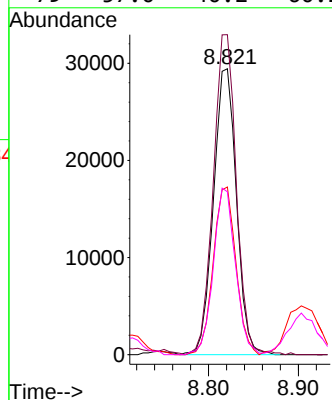
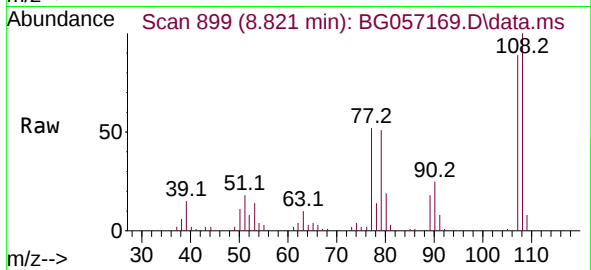
Tgt Ion:	107	Resp:	52349
Ion Ratio	Lower	Upper	
107	100		
108	111.9	86.2	129.4
77	58.6	41.8	62.8
79	57.0	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#18

Hexachloroethane

Concen: 41.008 ng

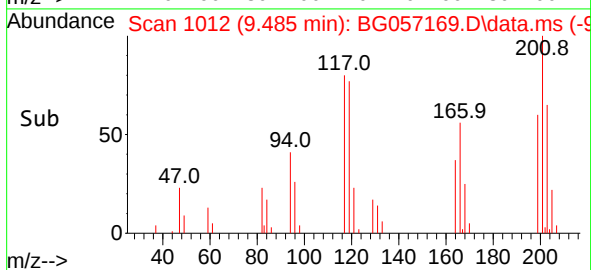
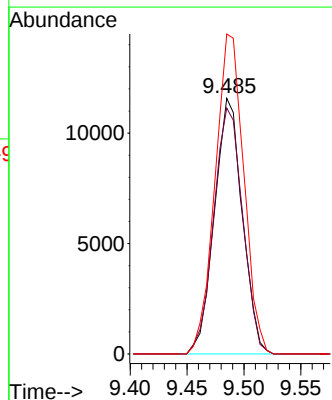
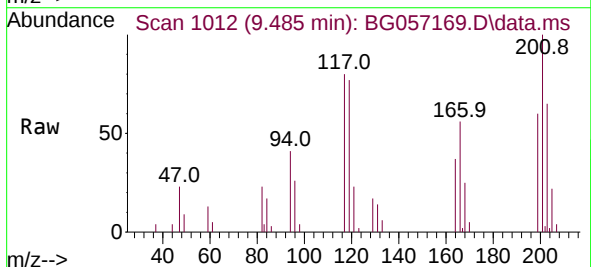
RT: 9.485 min Scan# 1012

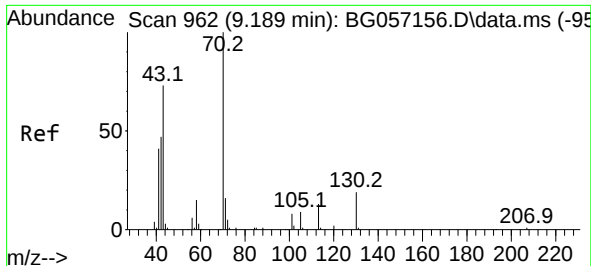
Delta R.T. -0.004 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Tgt Ion:	117	Resp:	19738
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.3	117.5
201	125.1	107.6	161.4





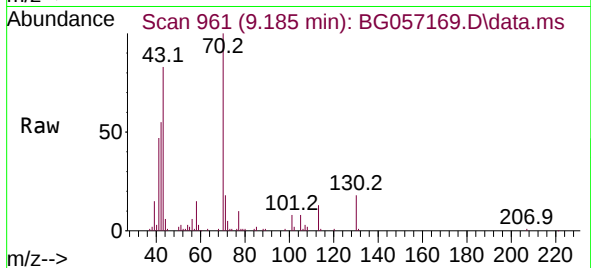
#19
n-Nitroso-di-n-propylamine
Concen: 53.212 ng
RT: 9.185 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

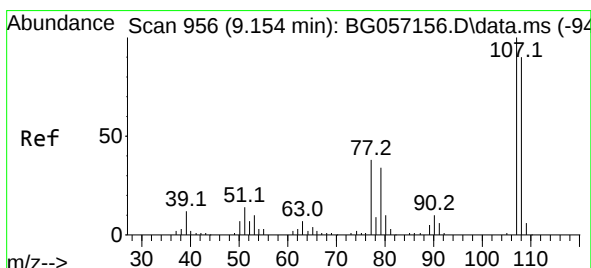
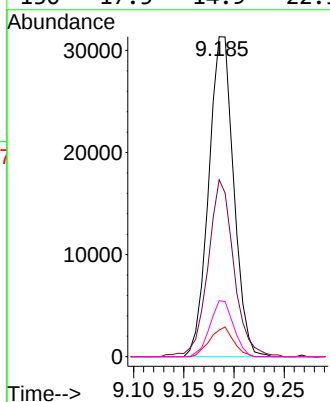
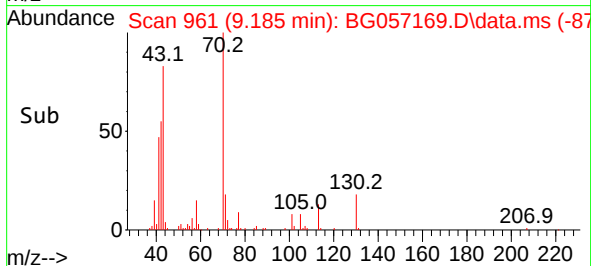


Tgt Ion: 70 Resp: 5432
Ion Ratio Lower Upper
70 100
42 55.3 38.0 57.0
101 8.3 6.6 9.8
130 17.5 14.9 22.3

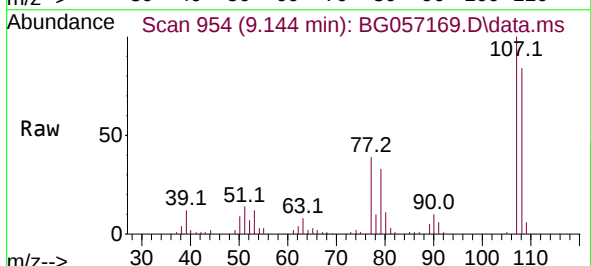
Manual Integrations

APPROVED

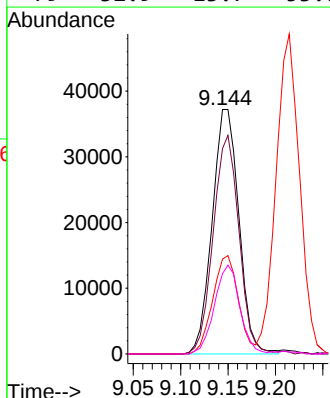
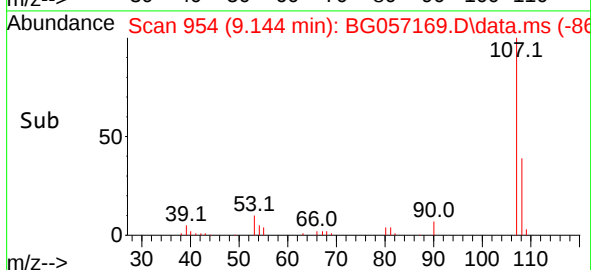
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

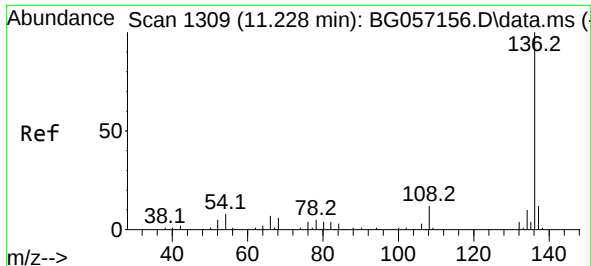


#20
3+4-Methylphenols
Concen: 44.729 ng
RT: 9.144 min Scan# 954
Delta R.T. -0.010 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:107 Resp: 73005
Ion Ratio Lower Upper
107 100
108 84.0 70.2 110.2
77 38.8 17.8 57.8
79 32.9 13.7 53.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.224 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

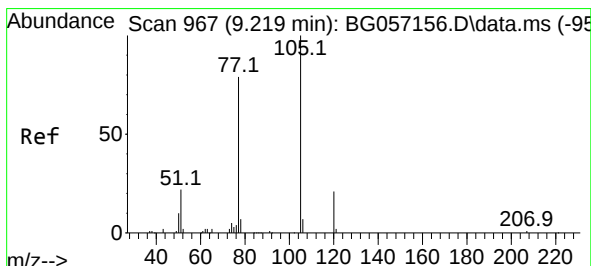
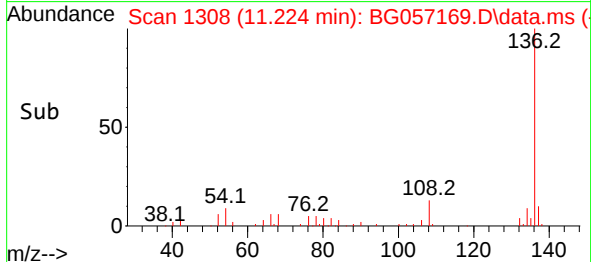
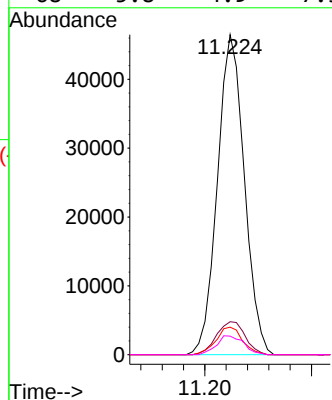
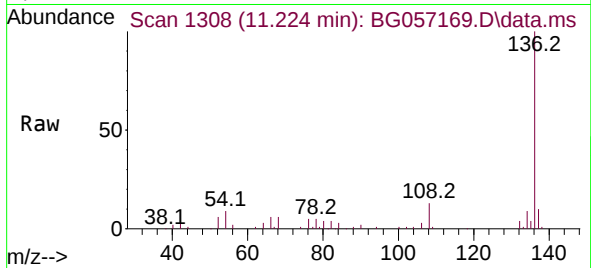
SSTDCCC040

Tgt Ion:136 Resp: 81390
Ion Ratio Lower Upper
136 100
137 10.3 9.5 14.3
54 8.6 6.4 9.6
68 5.8 4.9 7.3

Manual Integrations

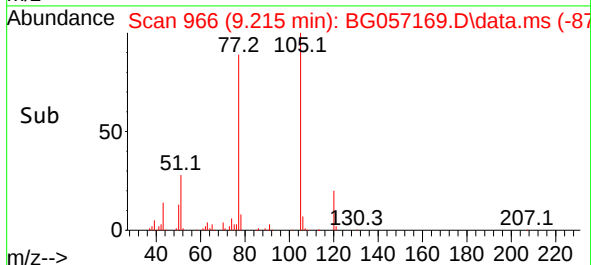
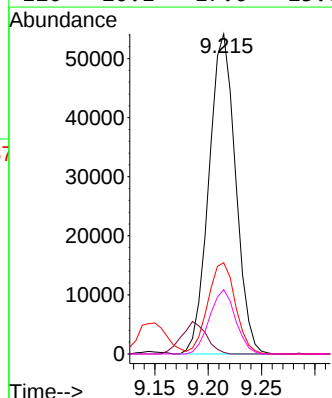
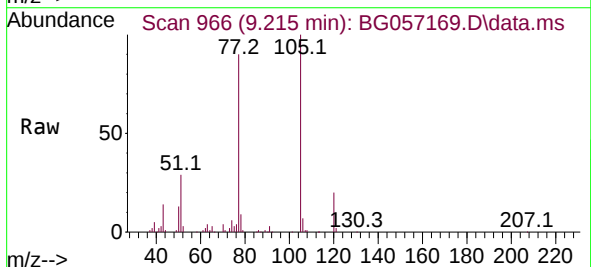
APPROVED

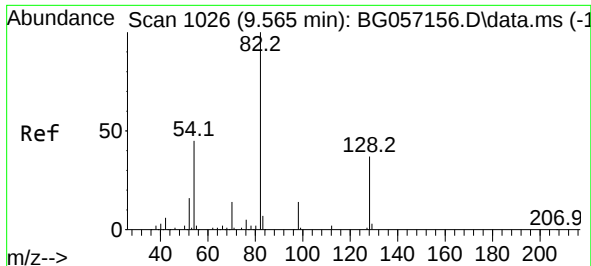
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 42.568 ng
RT: 9.215 min Scan# 966
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:105 Resp: 93987
Ion Ratio Lower Upper
105 100
71 0.5 0.2 0.4#
51 28.5 19.4 29.0
120 20.1 17.0 25.6





#23
Nitrobenzene-d5
Concen: 95.001 ng
RT: 9.567 min Scan# 1026
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

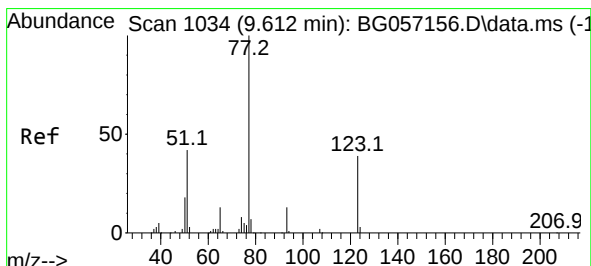
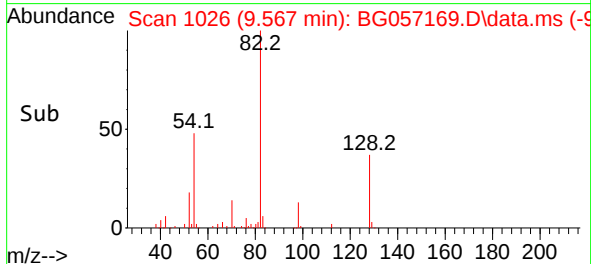
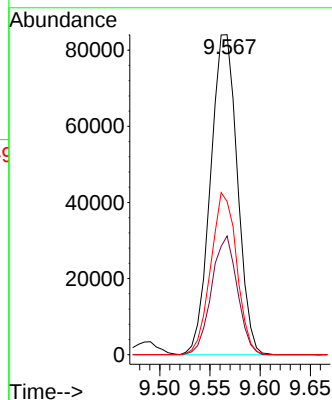
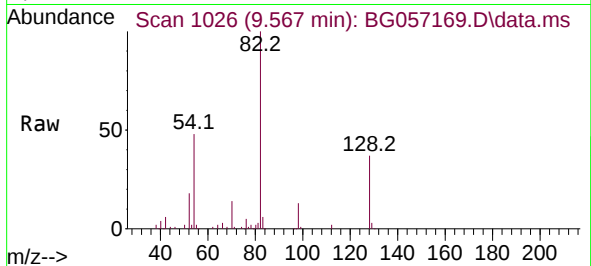
SSTDCCC040

Tgt Ion: 82 Resp: 156409
Ion Ratio Lower Upper
82 100
128 37.1 29.4 44.2
54 47.9 36.2 54.2

Manual Integrations

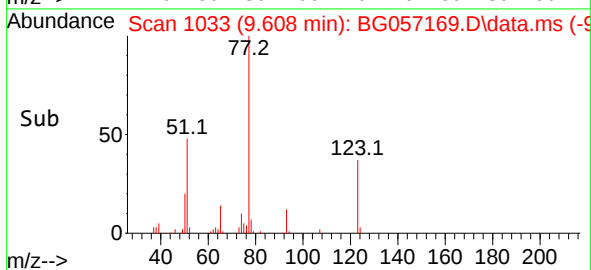
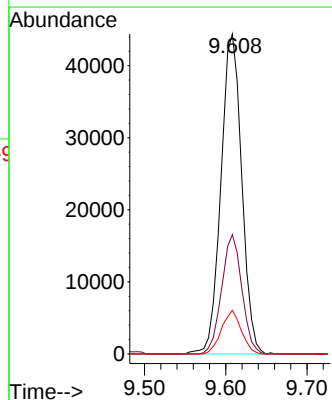
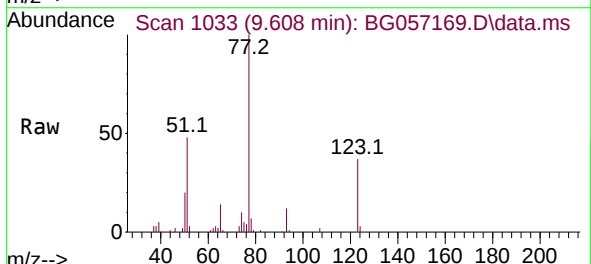
APPROVED

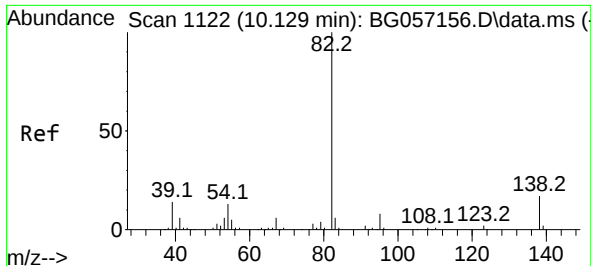
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 47.716 ng
RT: 9.608 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 77 Resp: 78873
Ion Ratio Lower Upper
77 100
123 37.3 31.3 46.9
65 13.7 10.5 15.7





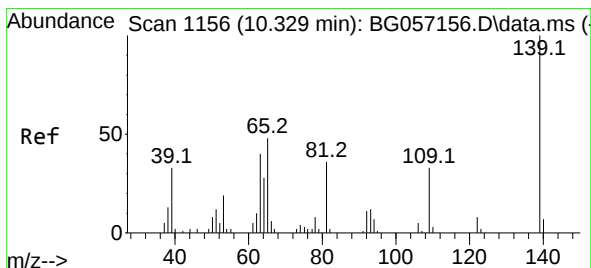
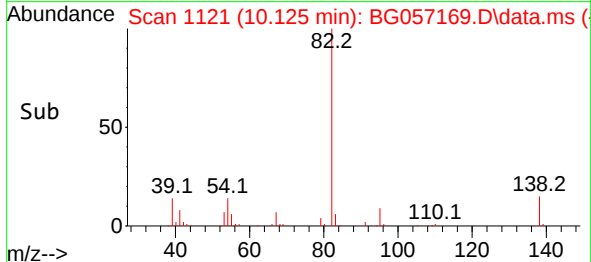
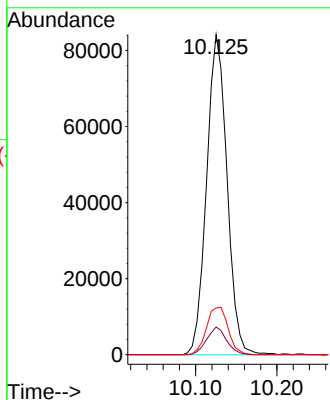
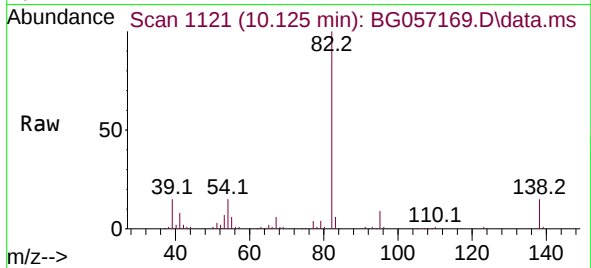
#25
Isophorone
Concen: 46.527 ng
RT: 10.125 min Scan# 1121
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 146920
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.2
138 14.6 13.4 20.0

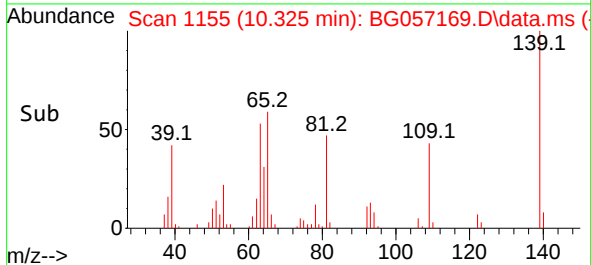
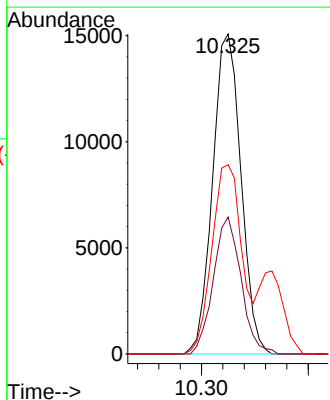
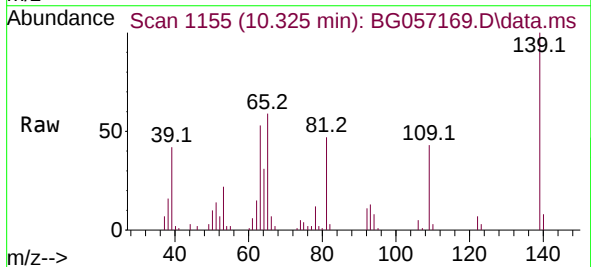
Manual Integrations
APPROVED

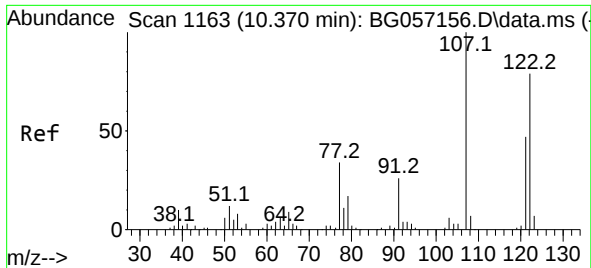
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 44.941 ng
RT: 10.325 min Scan# 1155
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:139 Resp: 27753
Ion Ratio Lower Upper
139 100
109 42.8 26.6 39.8#
65 59.1 38.6 58.0#





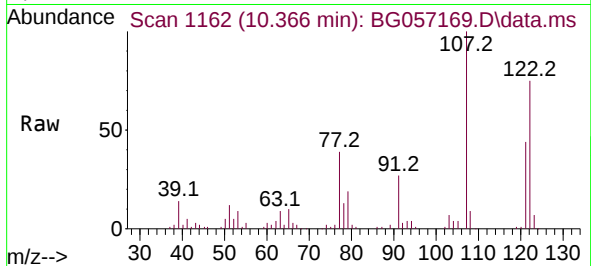
#27
2,4-Dimethylphenol
Concen: 43.907 ng
RT: 10.366 min Scan# 1163
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

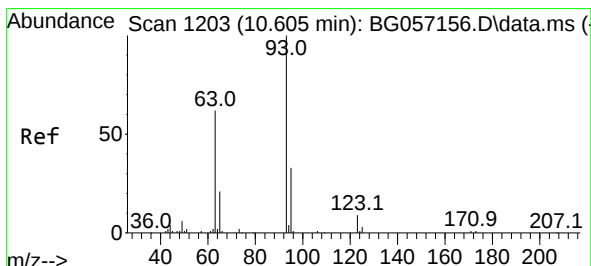
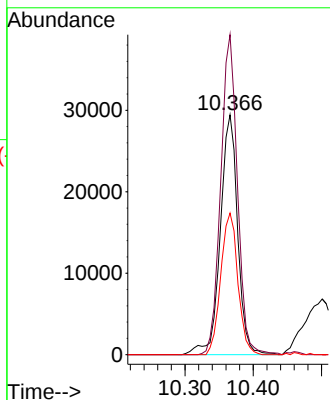
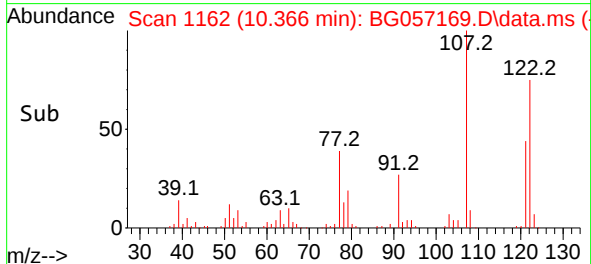


Tgt Ion:122 Resp: 52114
Ion Ratio Lower Upper
122 100
107 133.4 101.5 152.3
121 59.0 48.0 72.0

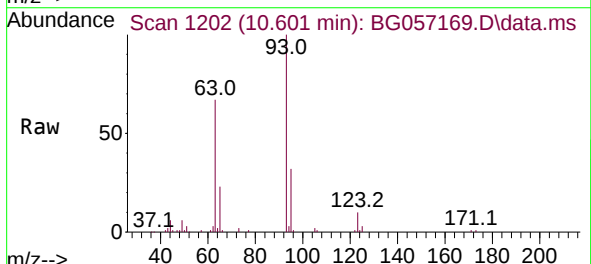
Manual Integrations

APPROVED

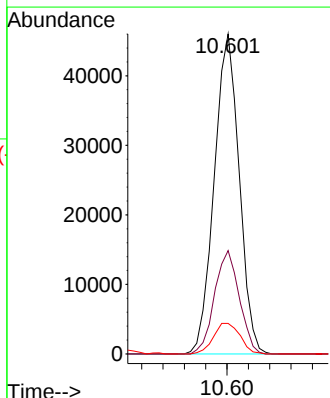
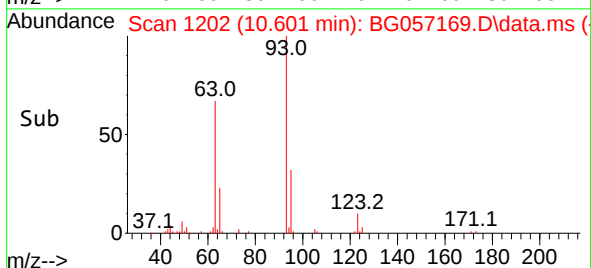
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

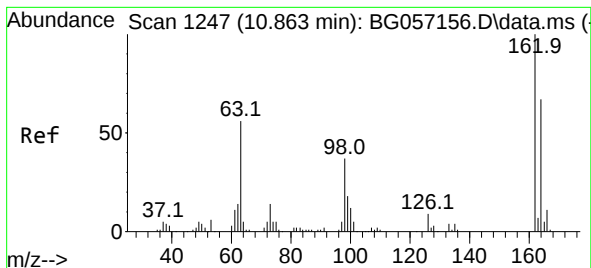


#28
bis(2-Chloroethoxy)methane
Concen: 45.084 ng
RT: 10.601 min Scan# 1202
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion: 93 Resp: 74631
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 9.5 7.4 11.0





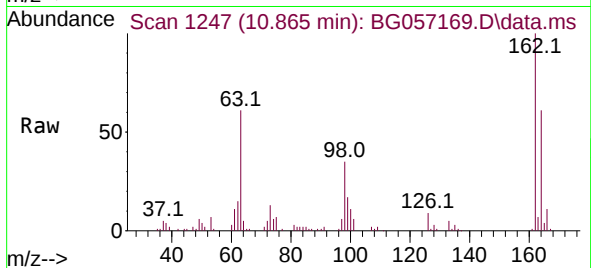
#29
2,4-Dichlorophenol
Concen: 42.559 ng
RT: 10.865 min Scan# 1247
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

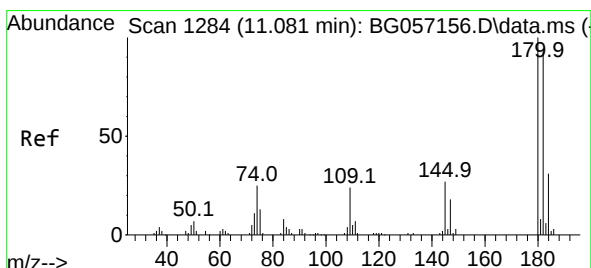
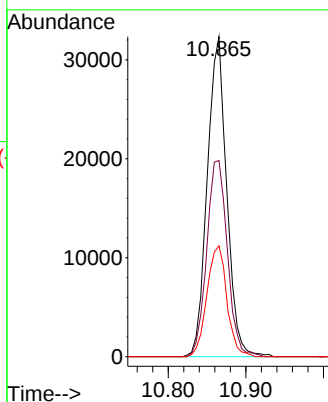
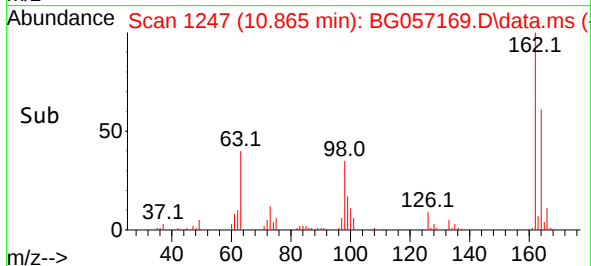


Tgt Ion:162 Resp: 56272
Ion Ratio Lower Upper
162 100
164 61.3 47.2 87.2
98 34.7 16.8 56.8

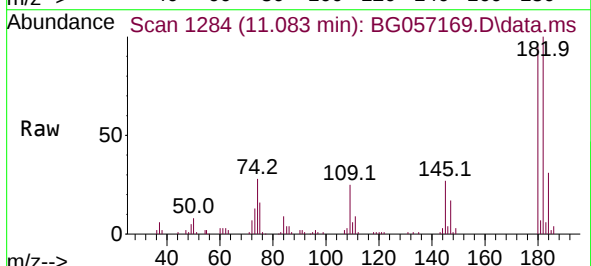
Manual Integrations

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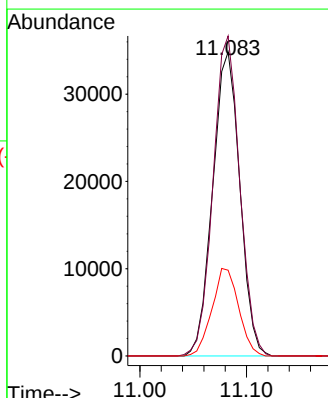
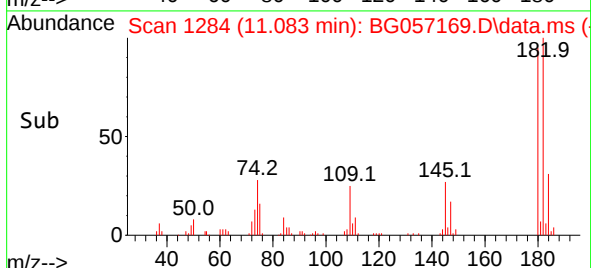
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

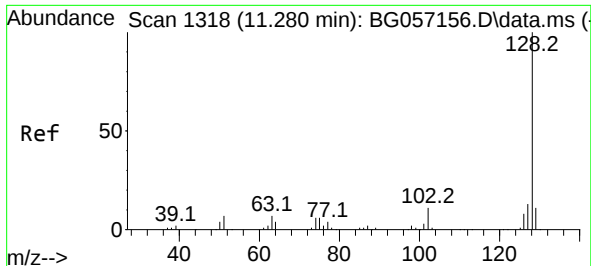


#30
1,2,4-Trichlorobenzene
Concen: 38.013 ng
RT: 11.083 min Scan# 1284
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



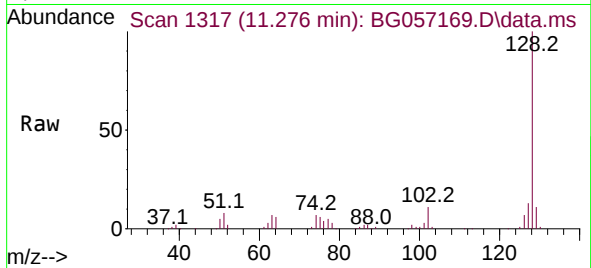
Tgt Ion:180 Resp: 61460
Ion Ratio Lower Upper
180 100
182 105.2 75.0 112.6
145 28.2 21.4 32.2





#31
Naphthalene
Concen: 40.716 ng
RT: 11.276 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

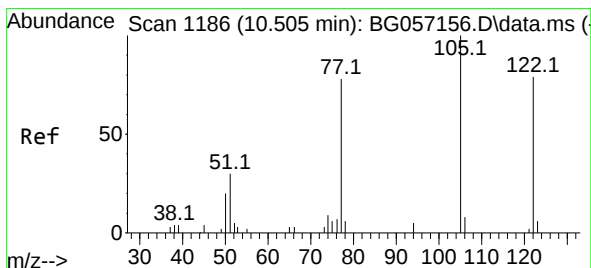
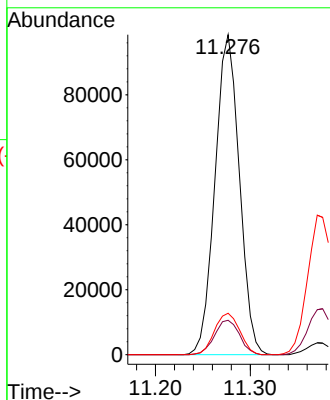
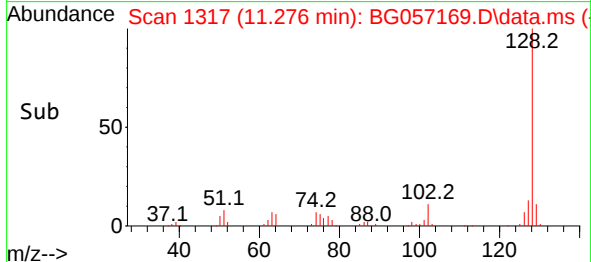
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



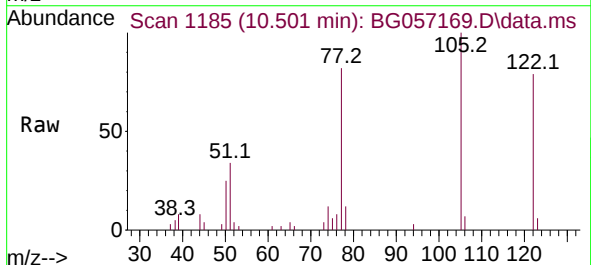
Tgt Ion:128 Resp: 176010
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.6 16.0

Manual Integrations
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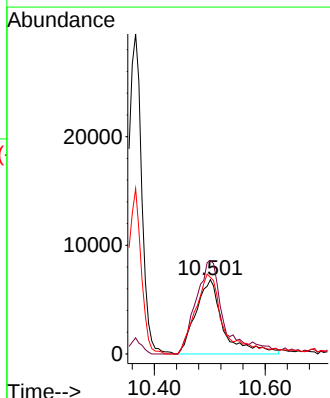
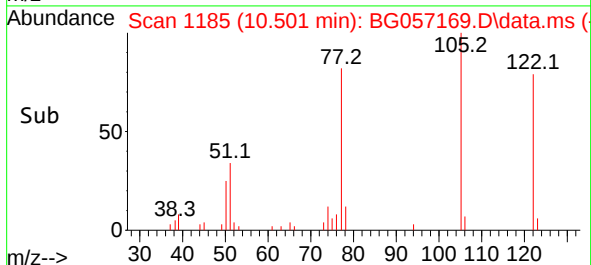
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

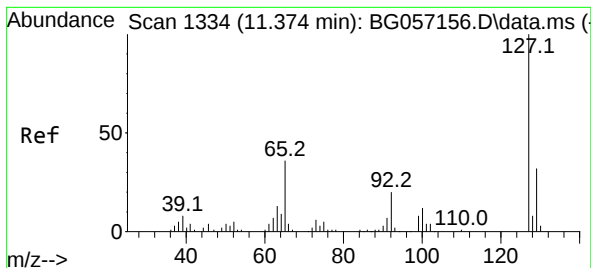


#32
Benzoic acid
Concen: 43.107 ng m
RT: 10.501 min Scan# 1185
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:122 Resp: 23603
Ion Ratio Lower Upper
122 100
105 125.8 104.3 144.3
77 103.3 79.5 119.5





#33
4-Chloroaniline
Concen: 42.339 ng
RT: 11.370 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

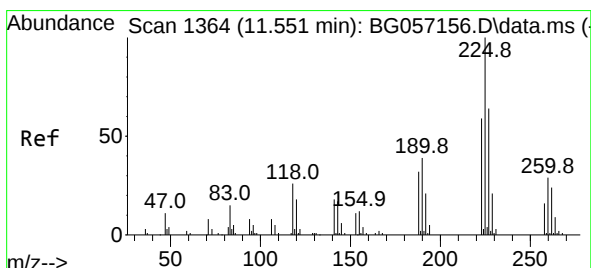
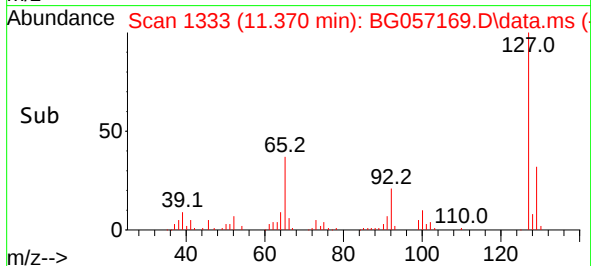
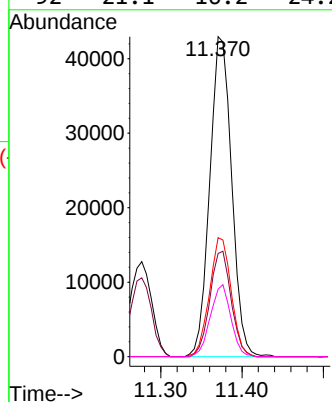
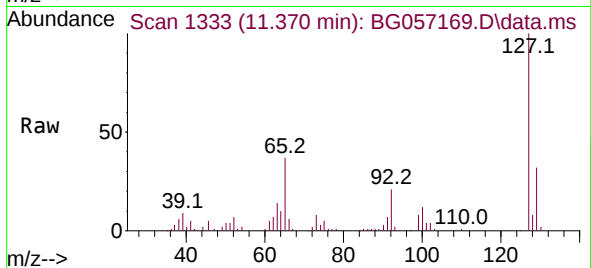
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Tgt Ion:127 Resp: 80474
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 37.2 28.6 42.8
92 21.1 16.2 24.2

Manual Integrations

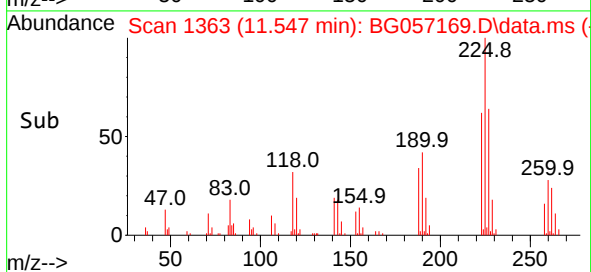
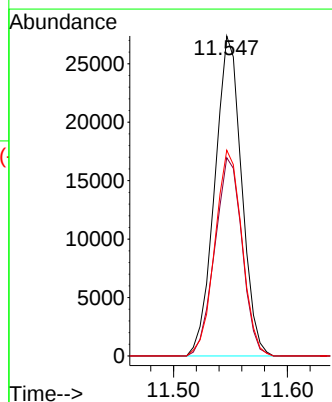
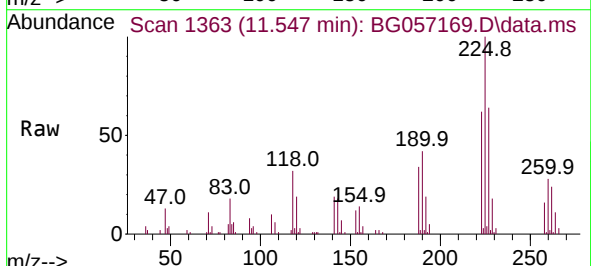
APPROVED

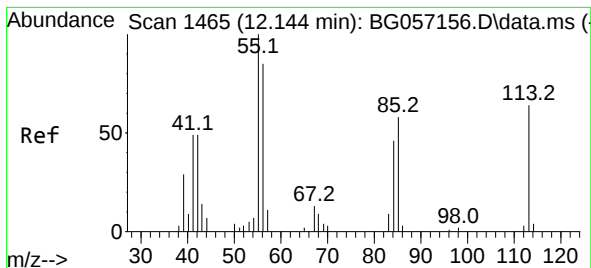
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 37.655 ng
RT: 11.547 min Scan# 1363
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

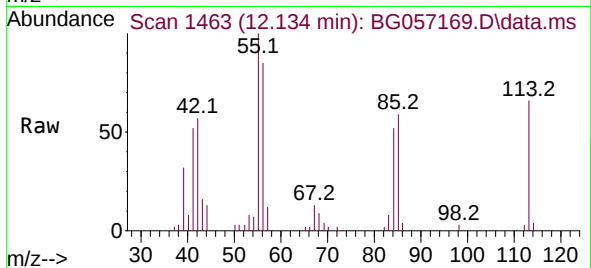
Tgt Ion:225 Resp: 44892
Ion Ratio Lower Upper
225 100
223 61.9 47.4 71.0
227 64.3 51.1 76.7





#35
Caprolactam
Concen: 48.198 ng
RT: 12.134 min Scan# 1465
Delta R.T. -0.010 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

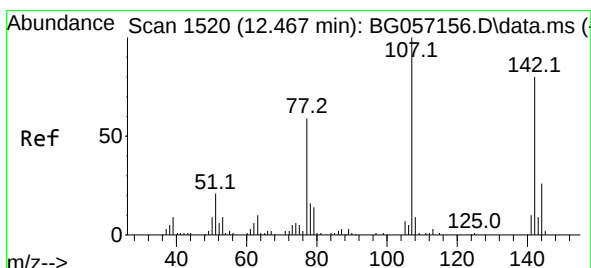
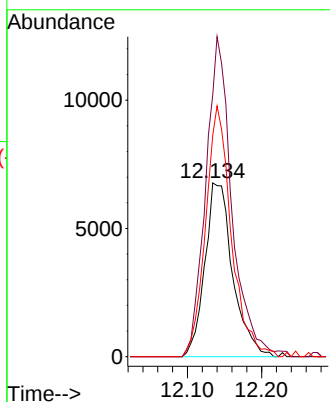
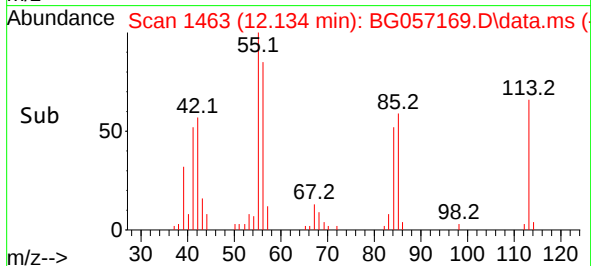
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



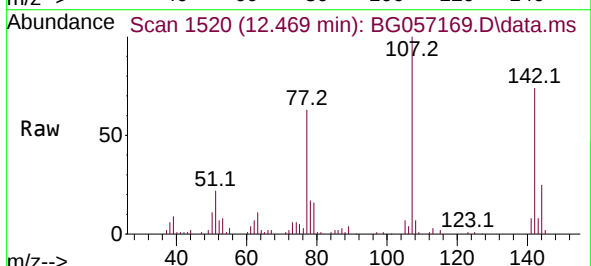
Tgt Ion:113 Resp: 17640
Ion Ratio Lower Upper
113 100
55 150.6 135.8 175.8
56 127.4 111.8 151.8

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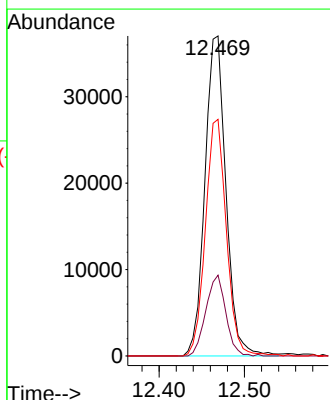
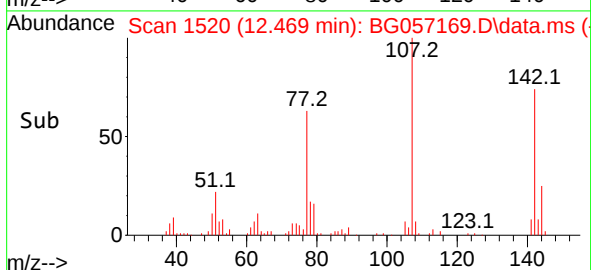
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

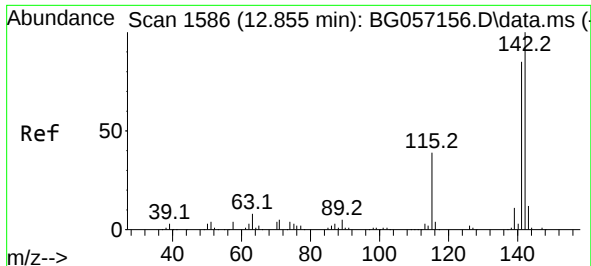


#36
4-Chloro-3-methylphenol
Concen: 44.552 ng
RT: 12.469 min Scan# 1520
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:107 Resp: 63370
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 73.9 63.8 95.8





#37

2-Methylnaphthalene

Concen: 40.534 ng

RT: 12.851 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

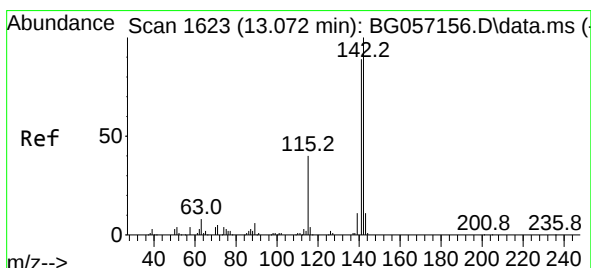
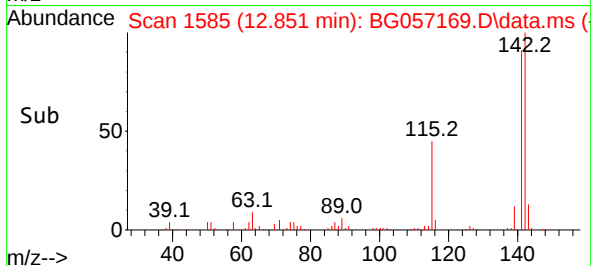
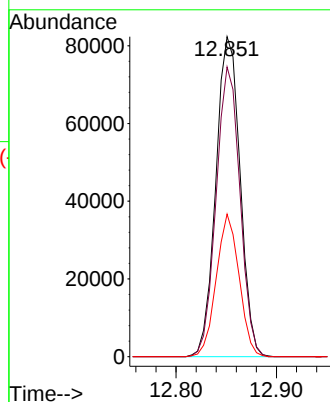
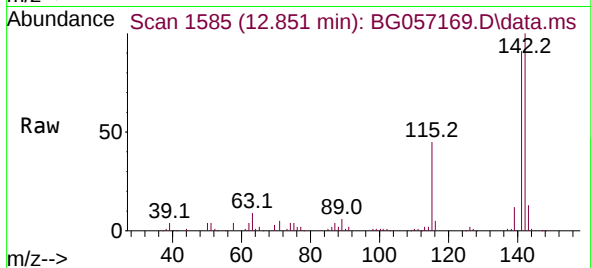
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Tgt Ion:142 Resp: 137894
 Ion Ratio Lower Upper
 142 100
 141 90.6 68.1 102.1
 115 44.6 31.0 46.4

Manual Integrations

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 Supervised By :Jagrut Upadhyay 04/26/2023



#38

1-Methylnaphthalene

Concen: 40.906 ng

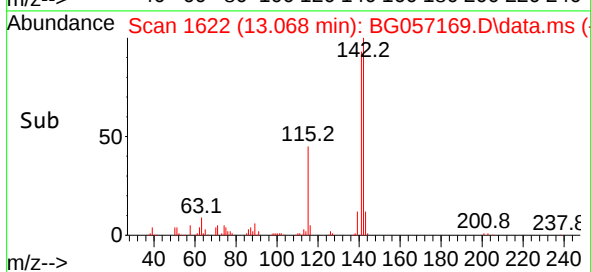
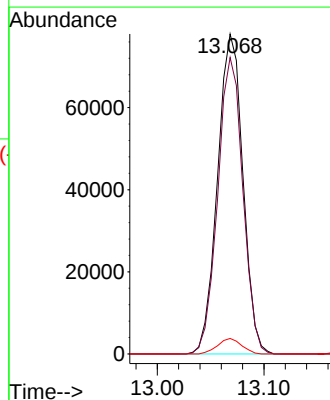
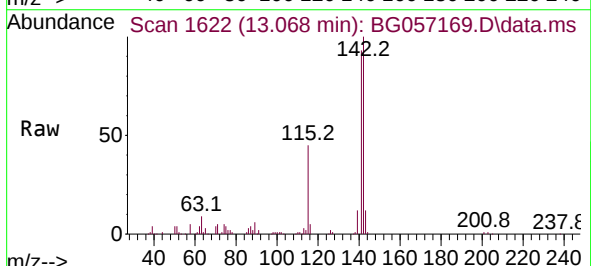
RT: 13.068 min Scan# 1622

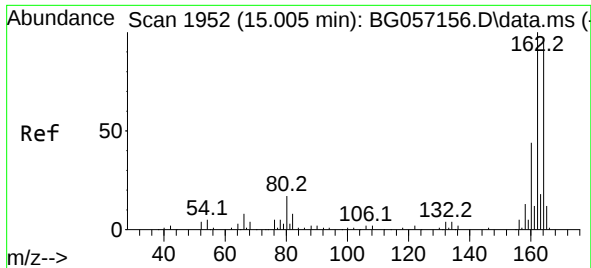
Delta R.T. -0.004 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Tgt Ion:142 Resp: 128477
 Ion Ratio Lower Upper
 142 100
 141 92.7 71.6 107.4
 116 4.8 3.3 4.9





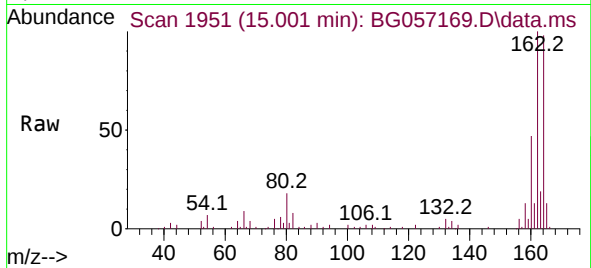
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.001 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

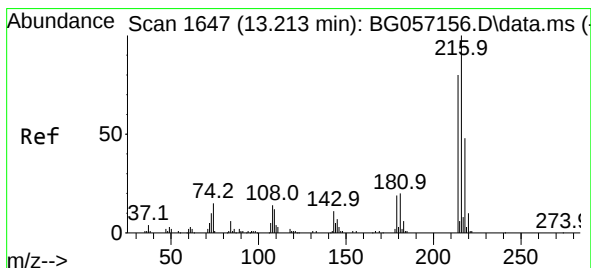
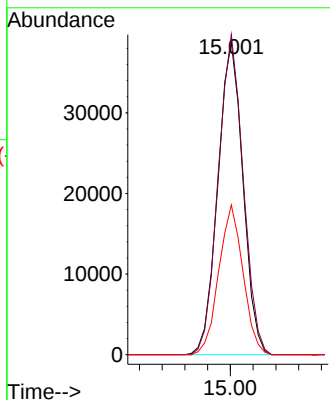
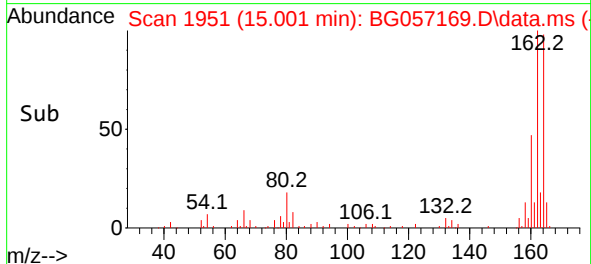


Tgt Ion:164 Resp: 59298
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 47.9 36.2 54.2

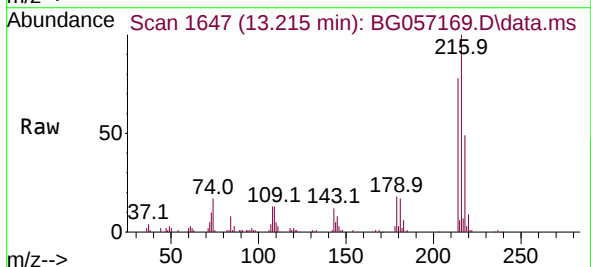
Manual Integrations

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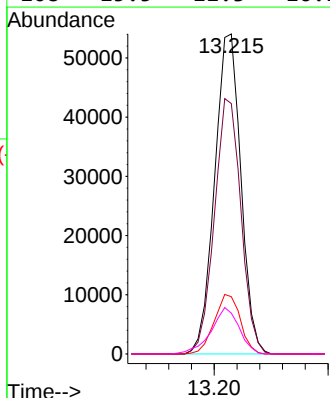
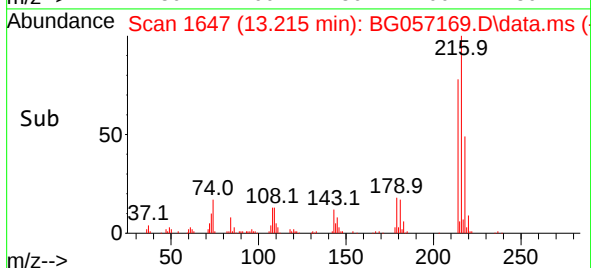
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

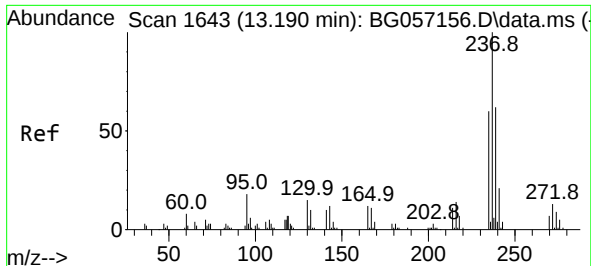


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.912 ng
RT: 13.215 min Scan# 1647
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



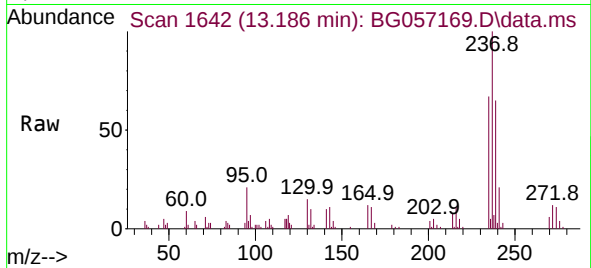
Tgt Ion:216 Resp: 86601
Ion Ratio Lower Upper
216 100
214 80.5 62.3 93.5
179 18.4 14.8 22.2
108 15.5 11.3 16.9





#41
Hexachlorocyclopentadiene
Concen: 40.604 ng
RT: 13.186 min Scan# 1642
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

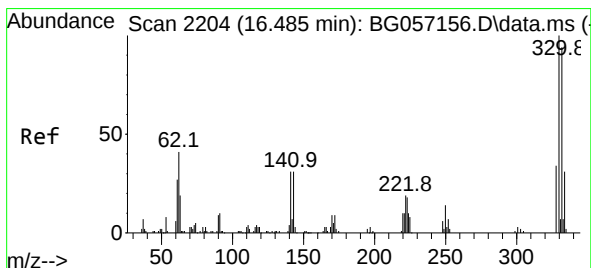
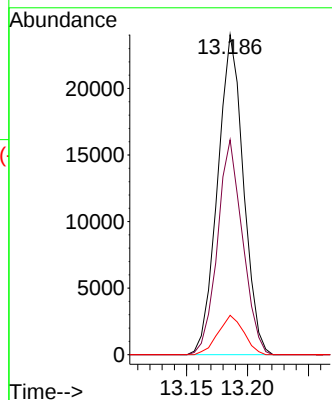
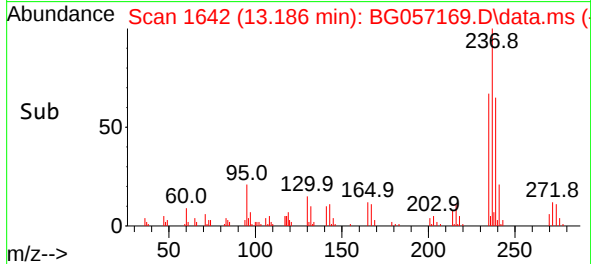
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



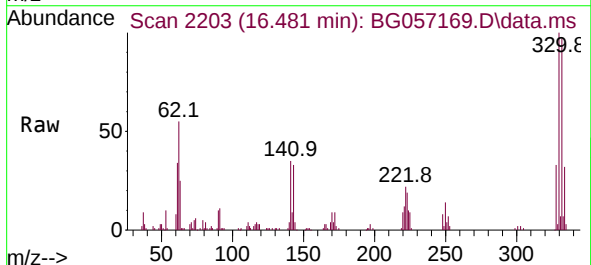
Tgt Ion:237 Resp: 35390
Ion Ratio Lower Upper
237 100
235 67.2 39.7 79.7
272 12.3 0.0 32.6

Manual Integrations
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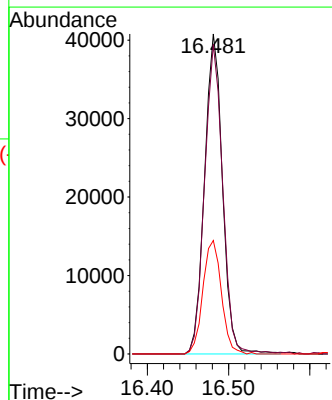
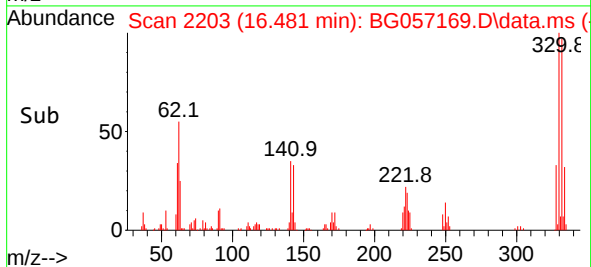
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

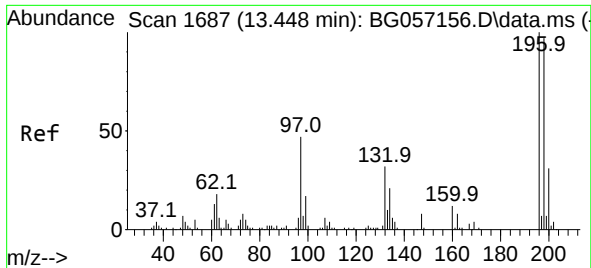


#42
2,4,6-Tribromophenol
Concen: 79.766 ng
RT: 16.481 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:330 Resp: 62408
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 36.6 26.0 39.0





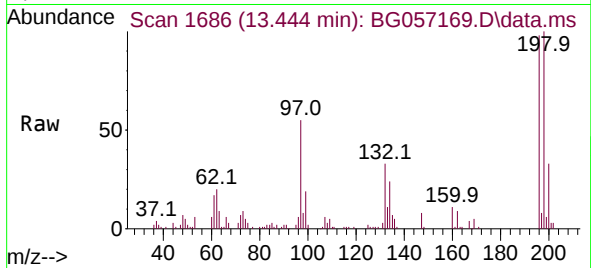
#43
2,4,6-Trichlorophenol
Concen: 43.863 ng
RT: 13.444 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

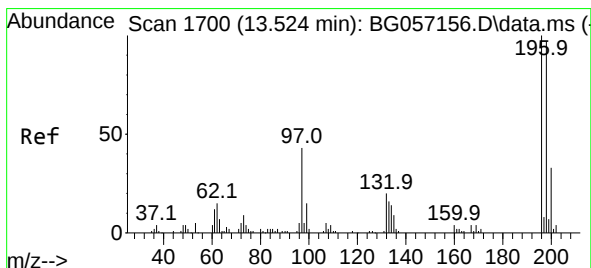
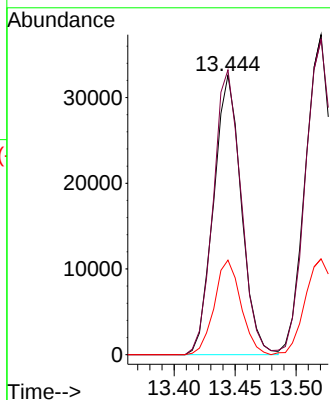
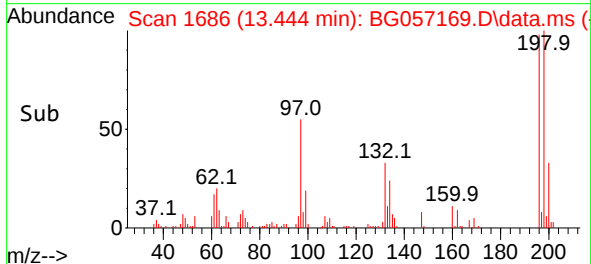


Tgt Ion:196 Resp: 51524
Ion Ratio Lower Upper
196 100
198 101.9 77.5 116.3
200 33.8 24.6 37.0

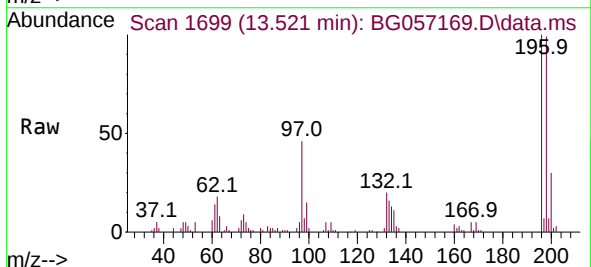
Manual Integrations

APPROVED

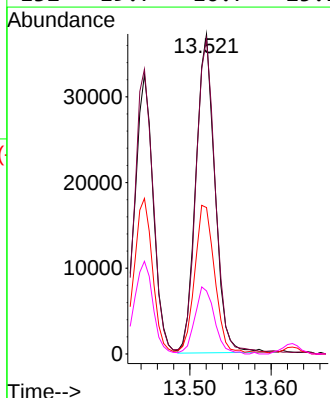
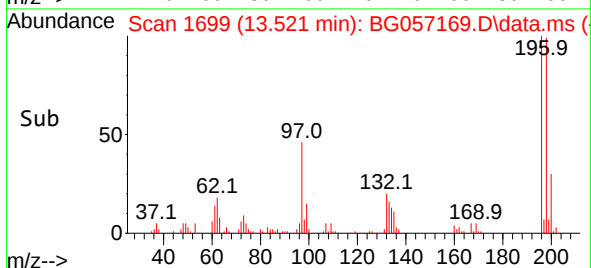
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

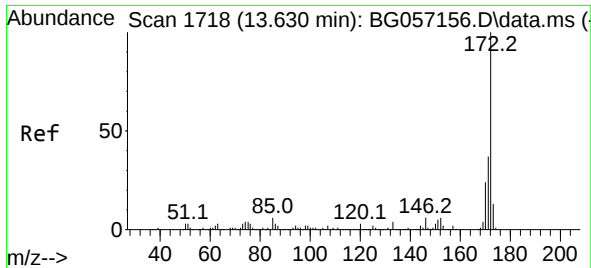


#44
2,4,5-Trichlorophenol
Concen: 42.651 ng
RT: 13.521 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



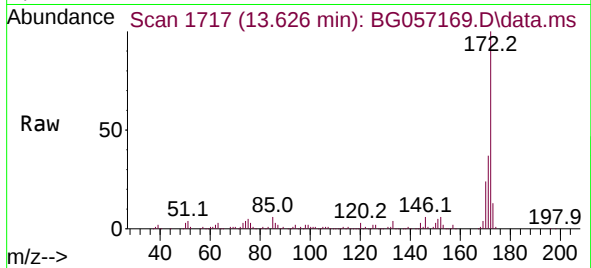
Tgt Ion:196 Resp: 60485
Ion Ratio Lower Upper
196 100
198 98.6 78.4 117.6
97 45.8 34.6 51.8
132 19.7 16.7 25.1





#45
2-Fluorobiphenyl
Concen: 82.640 ng
RT: 13.626 min Scan# 1717
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

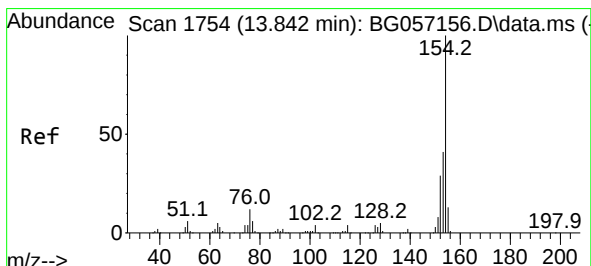
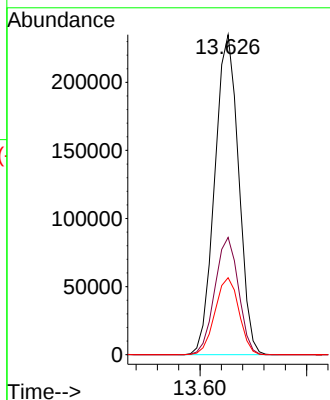
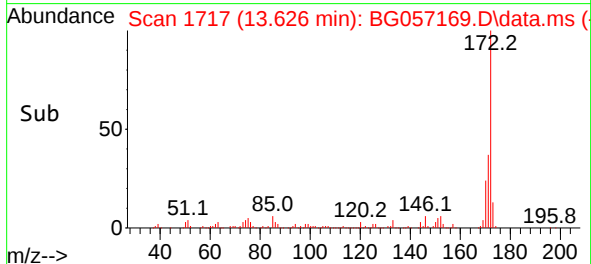
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



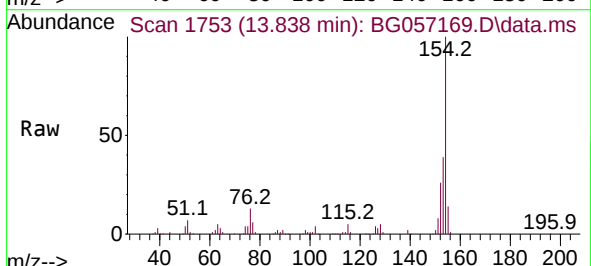
Tgt Ion:172 Resp: 36463
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.4 29.2

Manual Integrations
APPROVED

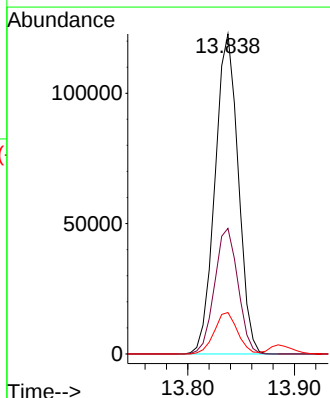
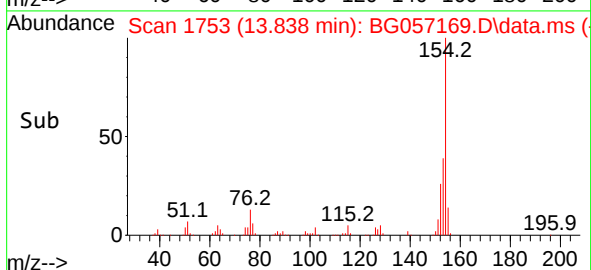
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

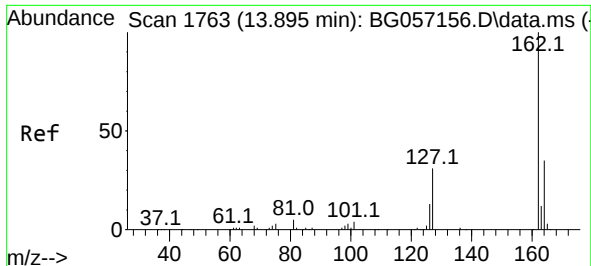


#46
1,1'-Biphenyl
Concen: 41.939 ng
RT: 13.838 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



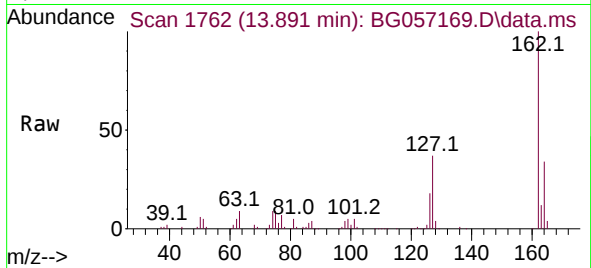
Tgt Ion:154 Resp: 185370
Ion Ratio Lower Upper
154 100
153 39.3 20.9 60.9
76 13.0 0.0 32.3





#47
2-Chloronaphthalene
Concen: 40.920 ng
RT: 13.891 min Scan# 1762
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

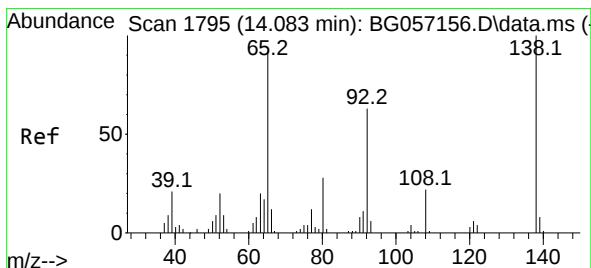
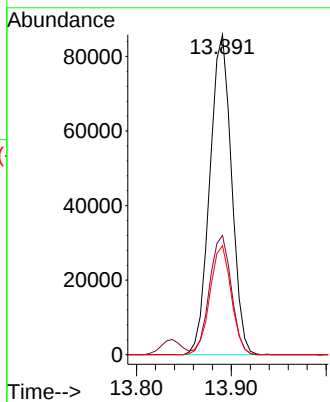
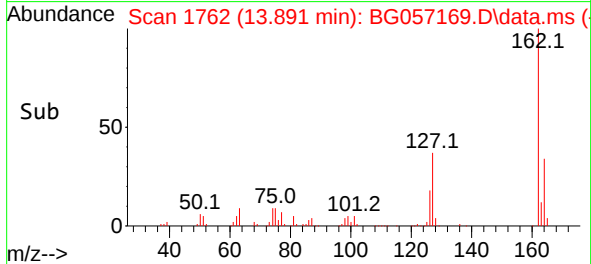
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 136509
Ion Ratio Lower Upper
162 100
127 37.2 28.7 43.1
164 34.1 27.8 41.6

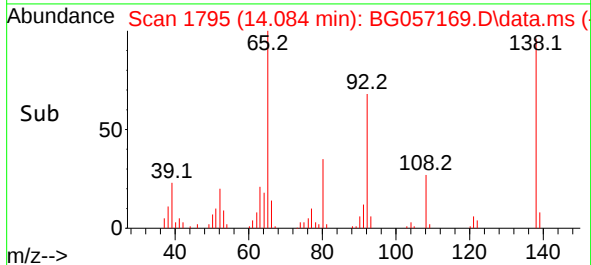
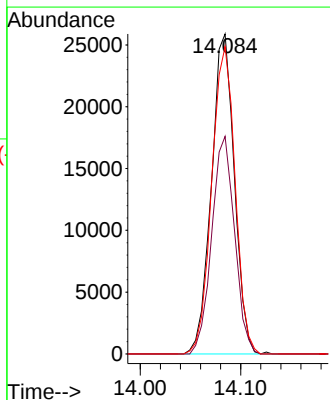
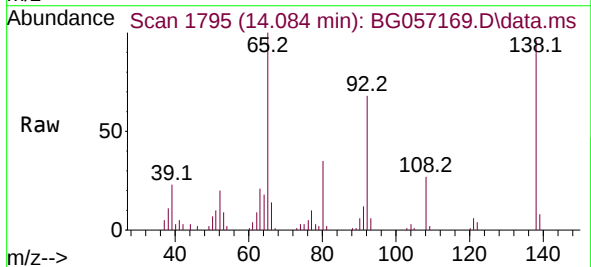
Manual Integrations
APPROVED

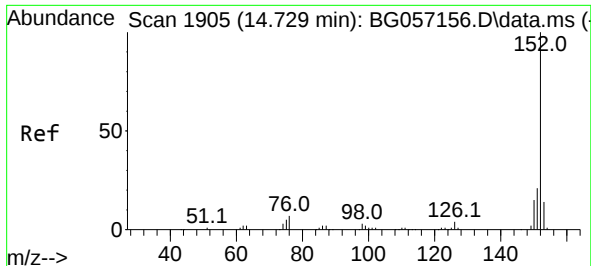
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#48
2-Nitroaniline
Concen: 49.141 ng
RT: 14.084 min Scan# 1795
Delta R.T. 0.001 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion: 65 Resp: 41065
Ion Ratio Lower Upper
65 100
92 68.0 54.9 82.3
138 96.1 86.6 129.8





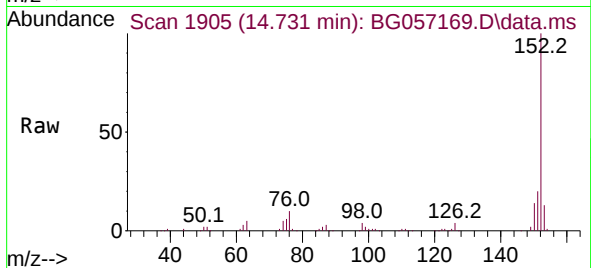
#49
Acenaphthylene
Concen: 42.232 ng
RT: 14.731 min Scan# 1905
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

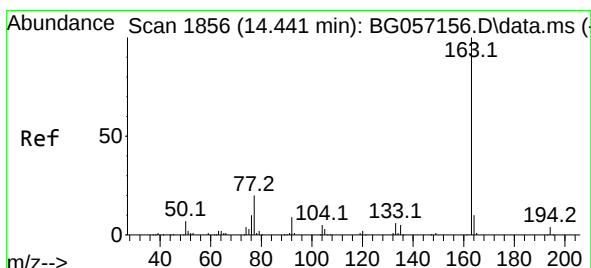
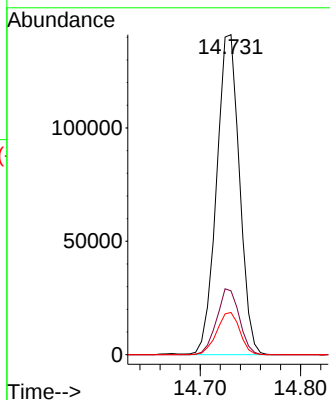
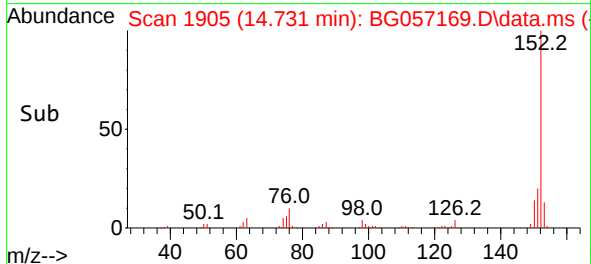


Tgt Ion:152 Resp: 223645
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.2 11.0 16.6

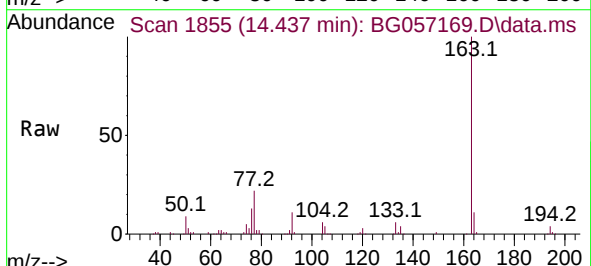
Manual Integrations

APPROVED

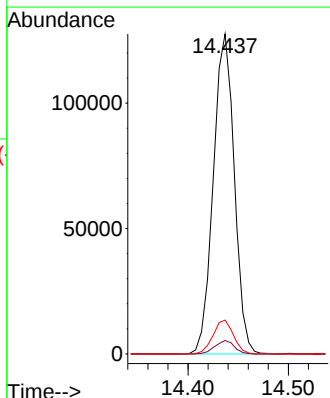
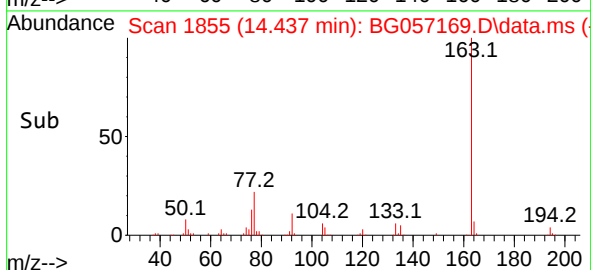
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

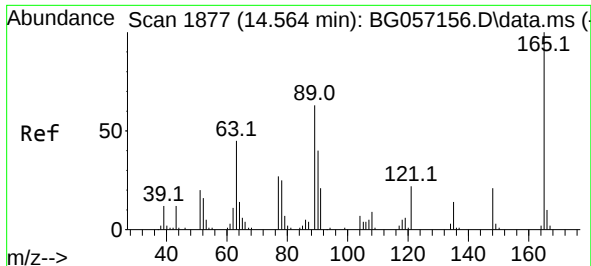


#50
Dimethylphthalate
Concen: 44.503 ng
RT: 14.437 min Scan# 1855
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:163 Resp: 185206
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.6 8.2 12.4





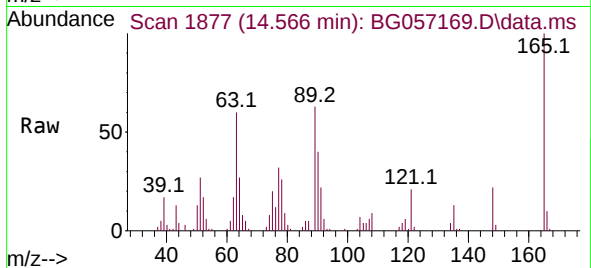
#51
2,6-Dinitrotoluene
Concen: 45.905 ng
RT: 14.566 min Scan# 1877
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

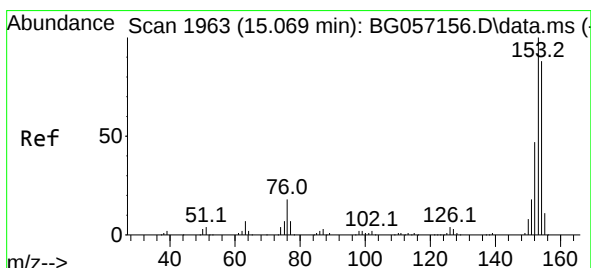
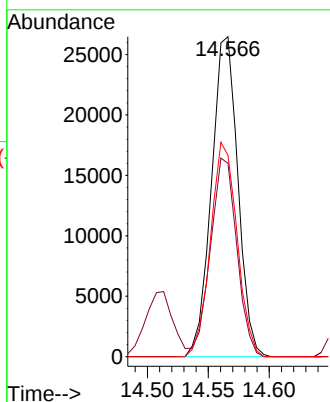
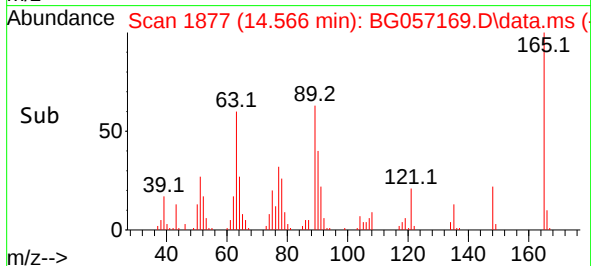


Tgt Ion:165 Resp: 3987
Ion Ratio Lower Upper
165 100
63 60.4 45.5 68.3
89 62.9 50.1 75.1

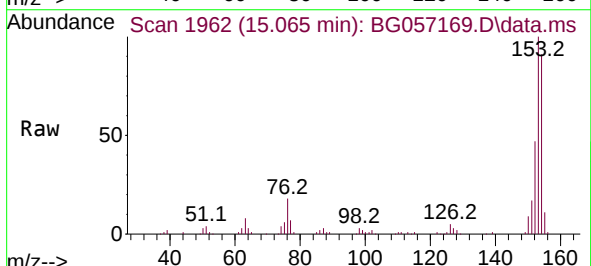
Manual Integrations

APPROVED

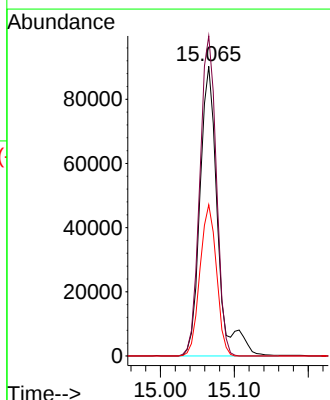
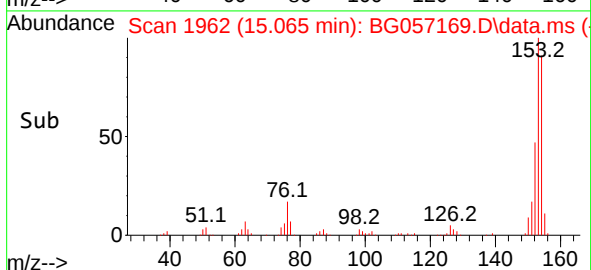
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

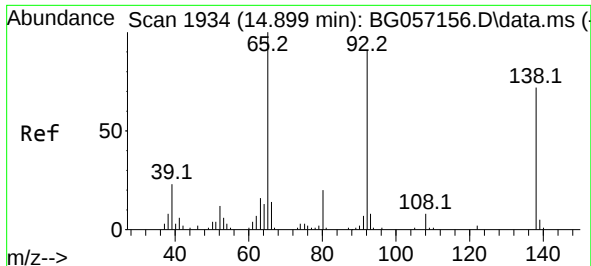


#52
Acenaphthene
Concen: 43.162 ng m
RT: 15.065 min Scan# 1962
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:154 Resp: 149338
Ion Ratio Lower Upper
154 100
153 110.5 91.0 136.4
152 52.2 43.0 64.6





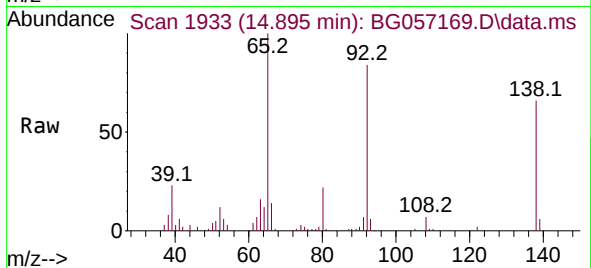
#53
3-Nitroaniline
Concen: 45.770 ng
RT: 14.895 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

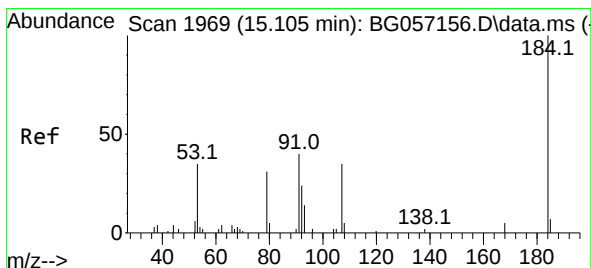
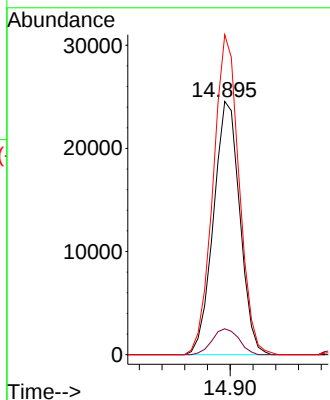
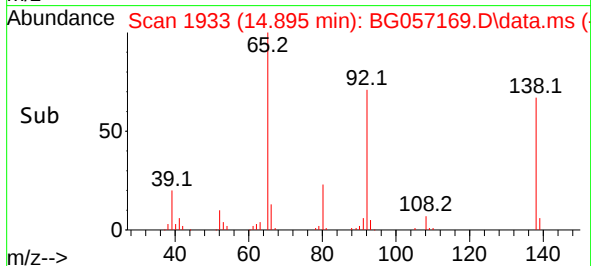


Tgt Ion:138 Resp: 3948
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 126.4 101.4 152.2

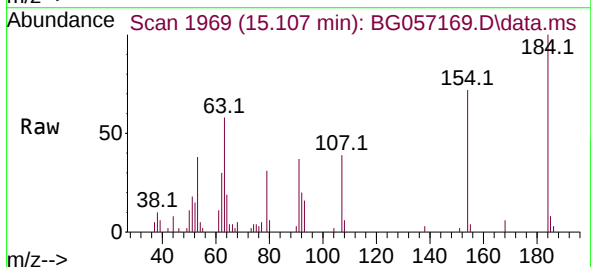
Manual Integrations

APPROVED

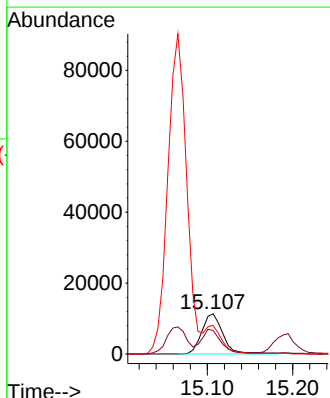
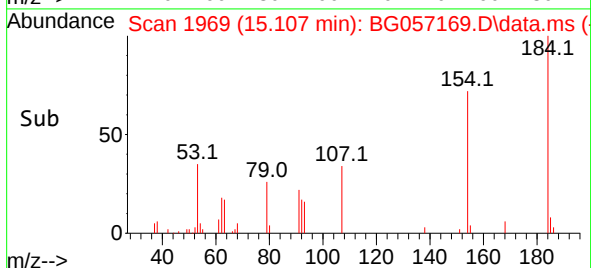
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

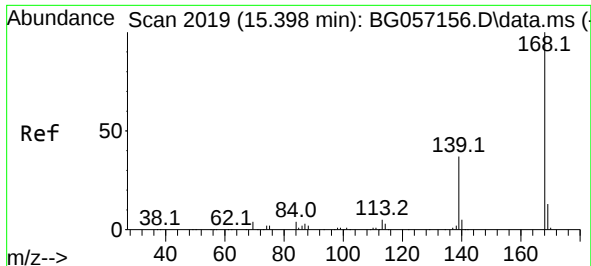


#54
2,4-Dinitrophenol
Concen: 42.933 ng
RT: 15.107 min Scan# 1969
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



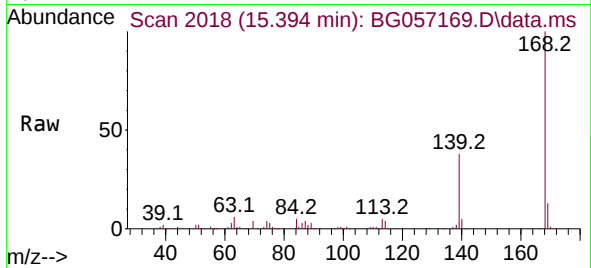
Tgt Ion:184 Resp: 19536
Ion Ratio Lower Upper
184 100
63 58.5 43.4 65.0
154 71.5 45.2 67.8#





#55
Dibenzofuran
Concen: 40.743 ng
RT: 15.394 min Scan# 2019
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

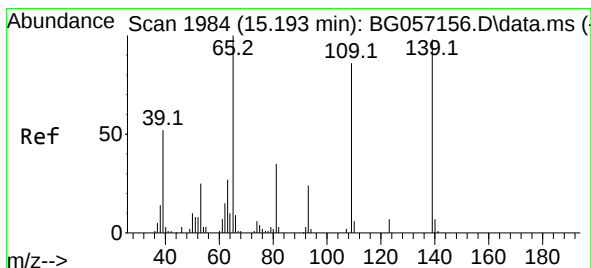
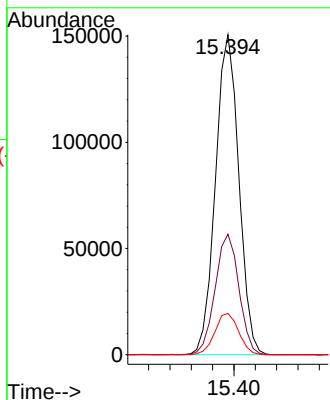
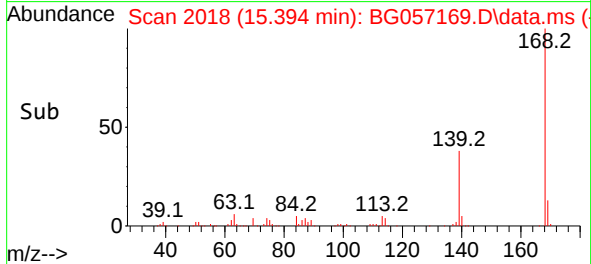
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 22841
Ion Ratio Lower Upper
168 100
139 37.6 29.2 43.8
169 12.9 10.6 15.8

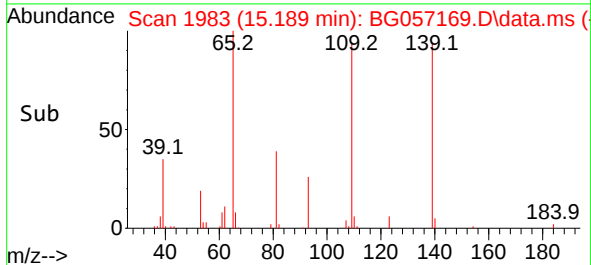
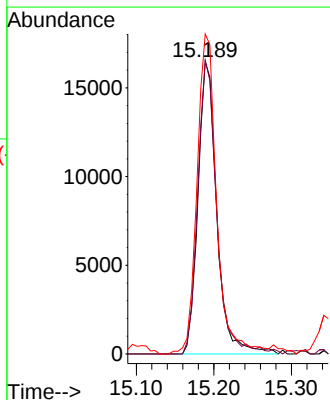
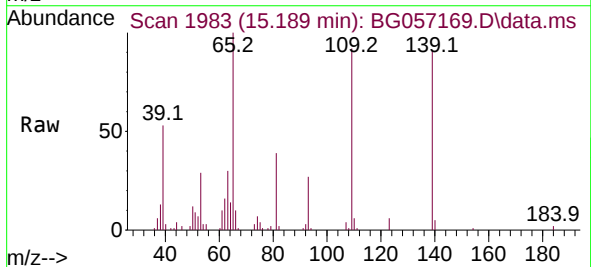
Manual Integrations
APPROVED

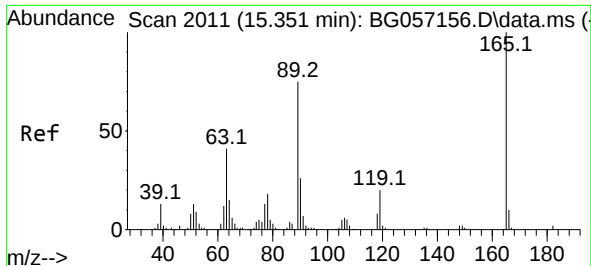
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 45.808 ng
RT: 15.189 min Scan# 1983
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:139 Resp: 27813
Ion Ratio Lower Upper
139 100
109 100.4 67.3 107.3
65 109.4 82.0 122.0





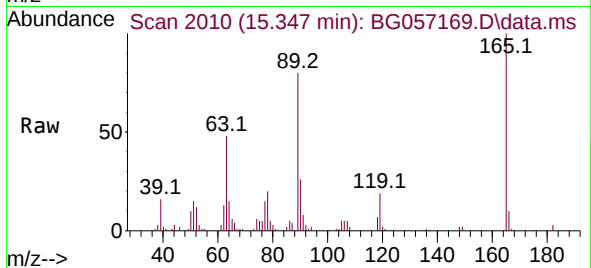
#57
2,4-Dinitrotoluene
Concen: 45.386 ng
RT: 15.347 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

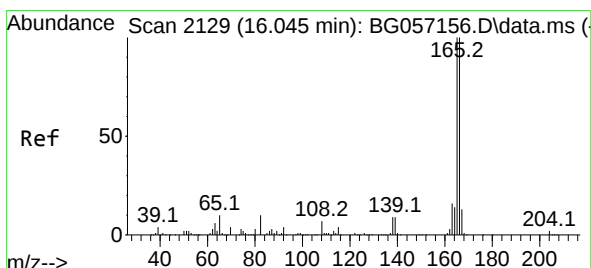
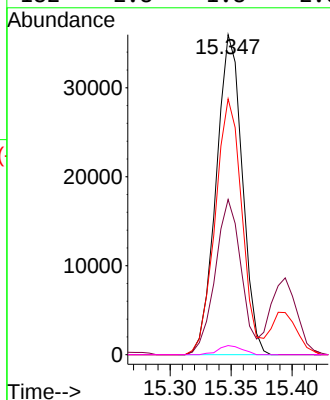
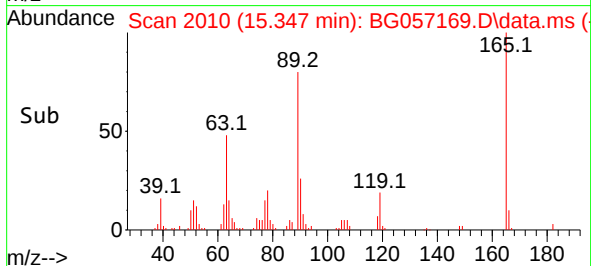


Tgt Ion:165 Resp: 53692
Ion Ratio Lower Upper
165 100
63 48.5 33.0 49.4
89 80.0 60.0 90.0
182 2.8 1.8 2.6#

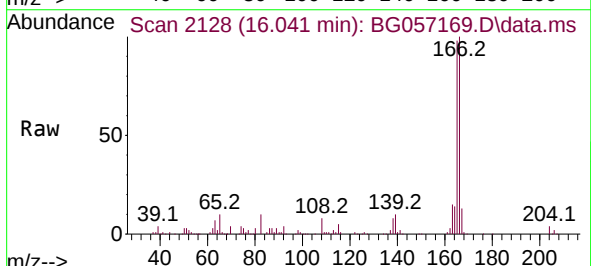
Manual Integrations

APPROVED

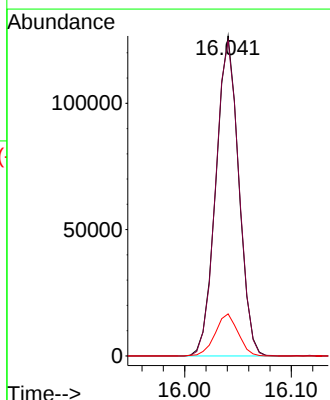
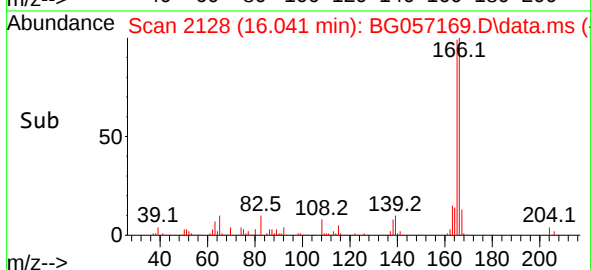
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

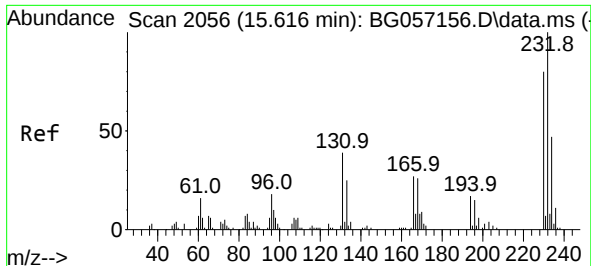


#58
Fluorene
Concen: 41.584 ng
RT: 16.041 min Scan# 2128
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



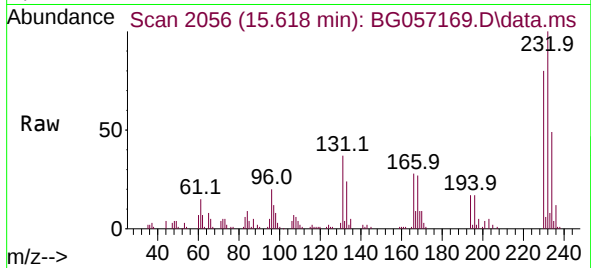
Tgt Ion:166 Resp: 187693
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.6
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.942 ng
RT: 15.618 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

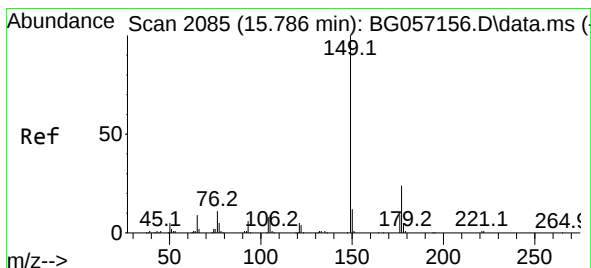
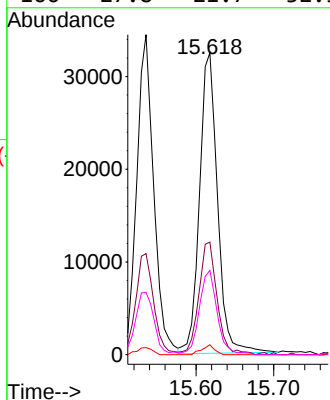
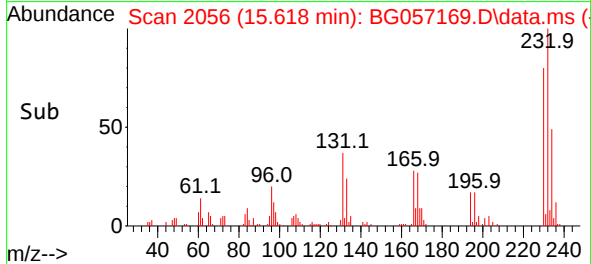
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



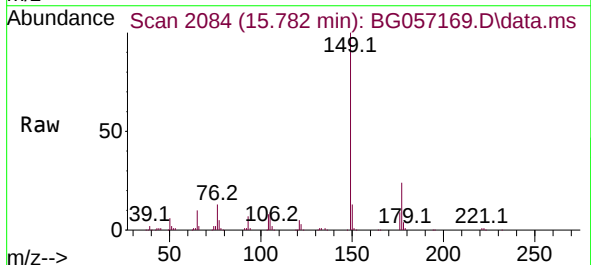
Tgt Ion:232 Resp: 52164
Ion Ratio Lower Upper
232 100
131 38.2 30.8 46.2
130 2.3 1.6 2.4
166 27.8 21.7 32.5

Manual Integrations
APPROVED

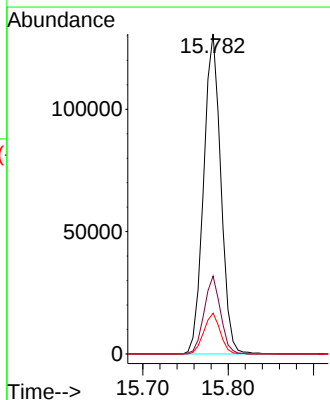
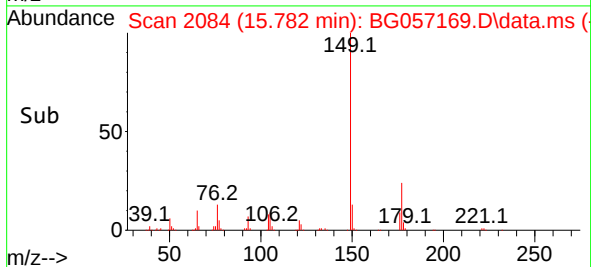
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

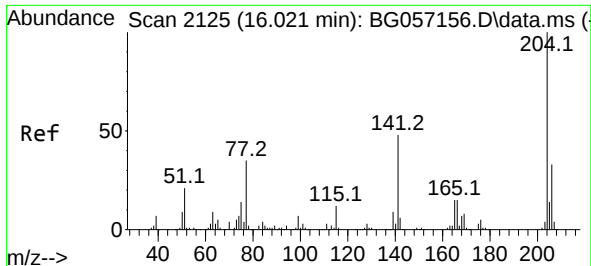


#60
Diethylphthalate
Concen: 45.673 ng
RT: 15.782 min Scan# 2084
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:149 Resp: 183221
Ion Ratio Lower Upper
149 100
177 24.4 19.0 28.4
150 12.7 9.8 14.8





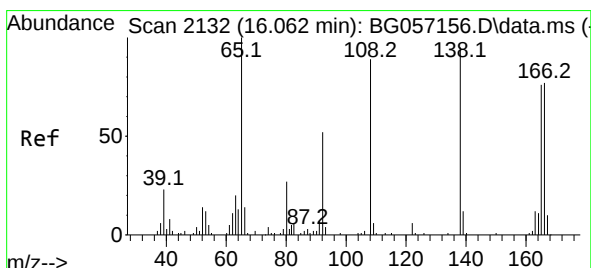
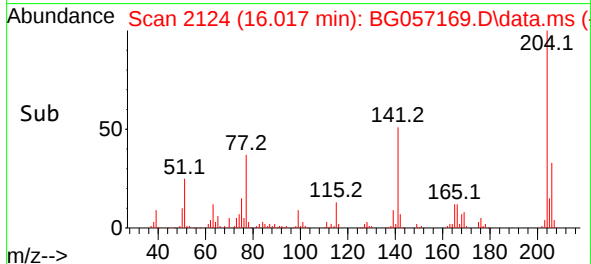
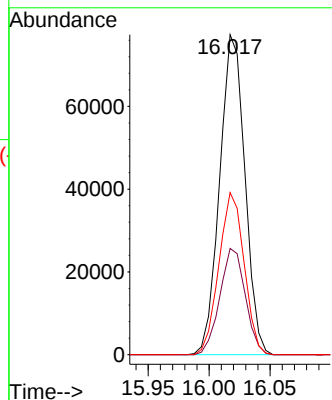
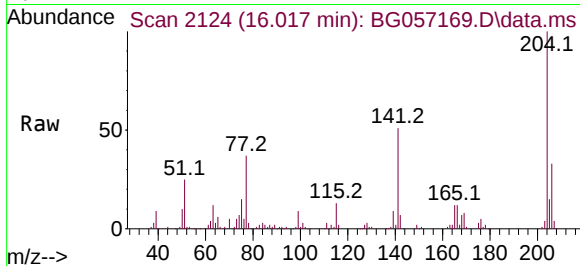
#61
4-Chlorophenyl-phenylether
Concen: 41.042 ng
RT: 16.017 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 11118
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 50.6 38.6 57.8

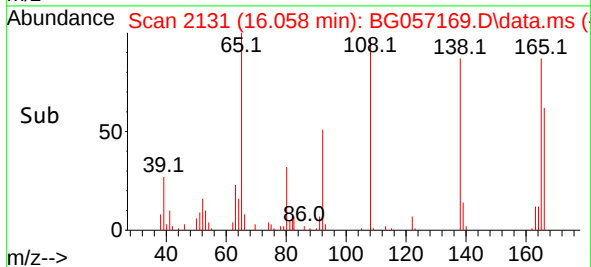
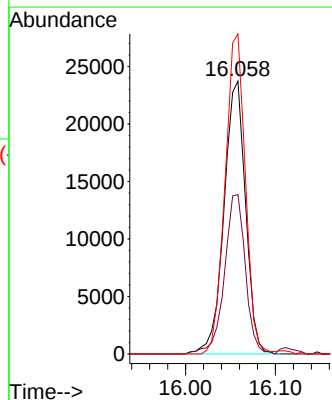
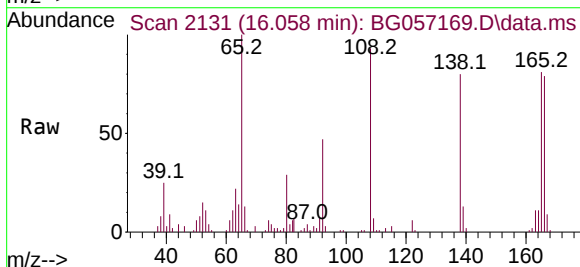
Manual Integrations
APPROVED

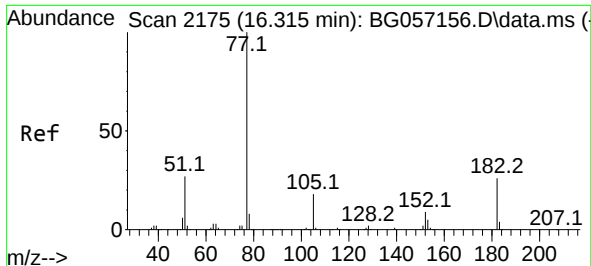
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 45.514 ng
RT: 16.058 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:138 Resp: 39533
Ion Ratio Lower Upper
138 100
92 58.4 34.9 74.9
108 117.3 73.0 113.0#





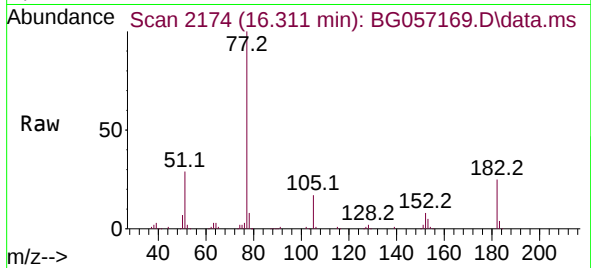
#63
Azobenzene
Concen: 46.747 ng
RT: 16.311 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

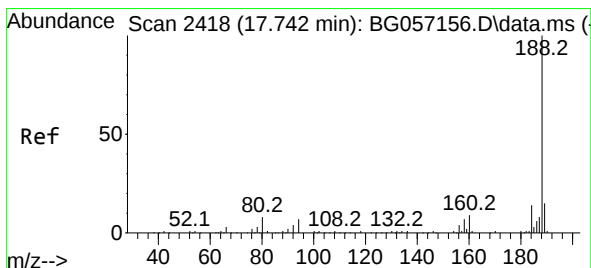
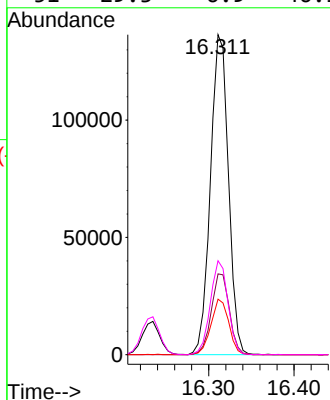
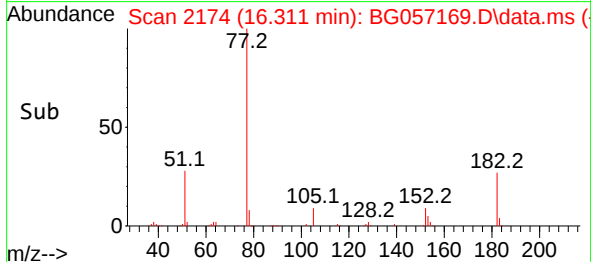


Tgt Ion: 77 Resp: 19949
Ion Ratio Lower Upper
77 100
182 25.3 6.1 46.1
105 17.3 0.0 38.4
51 29.3 6.9 46.9

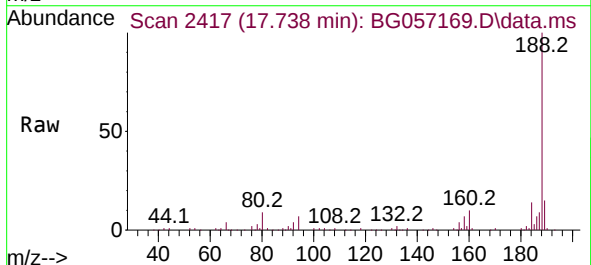
Manual Integrations

APPROVED

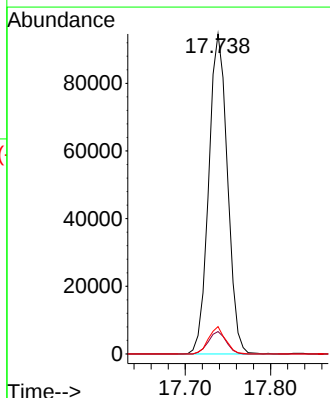
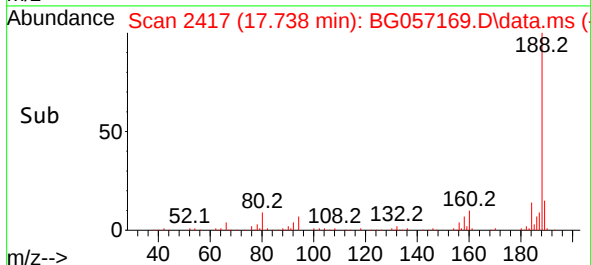
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

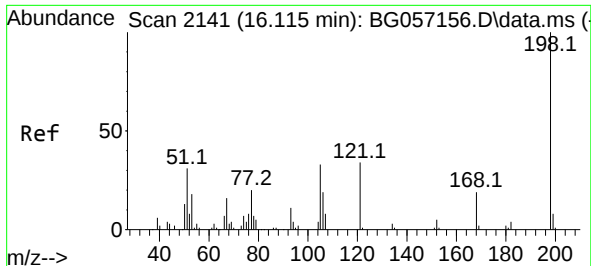


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.738 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:188 Resp: 144282
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.6 6.2 9.2





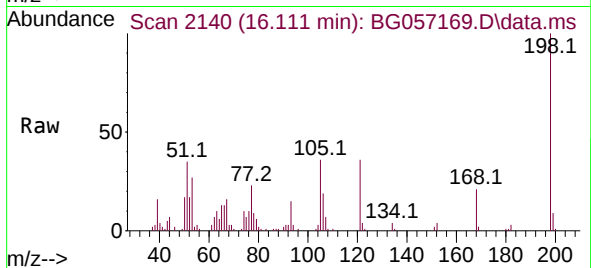
#65
4,6-Dinitro-2-methylphenol
Concen: 44.408 ng
RT: 16.111 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

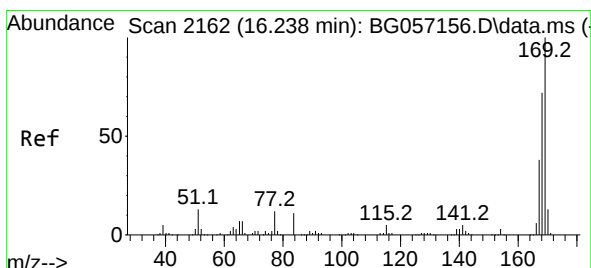
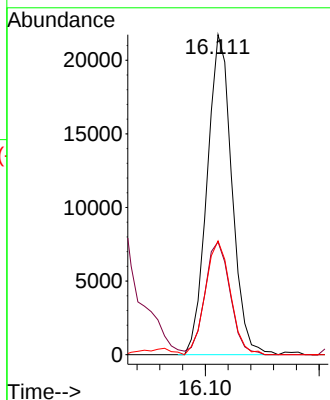
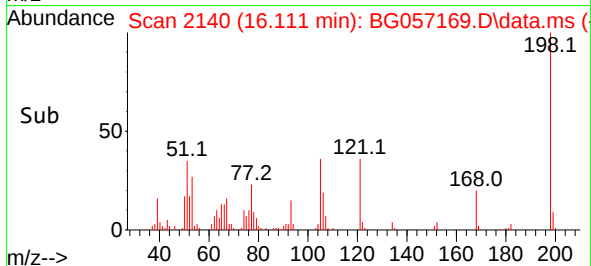


Tgt Ion:198 Resp: 3295
Ion Ratio Lower Upper
198 100
51 35.3 13.1 53.1
105 35.5 14.1 54.1

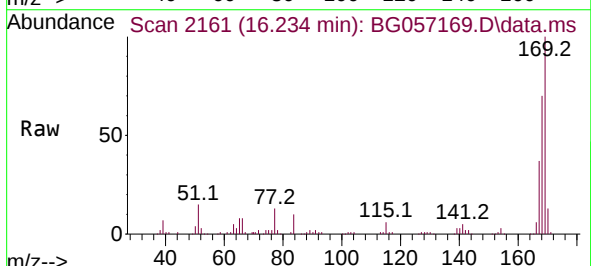
Manual Integrations

APPROVED

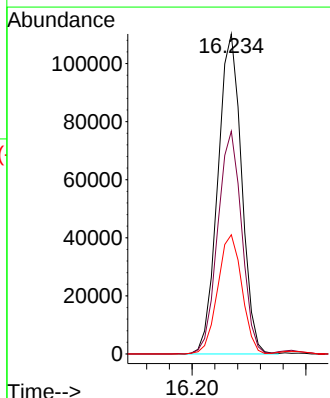
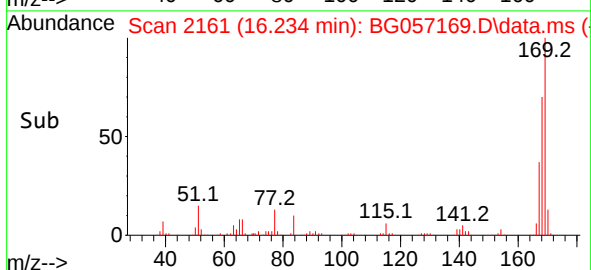
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

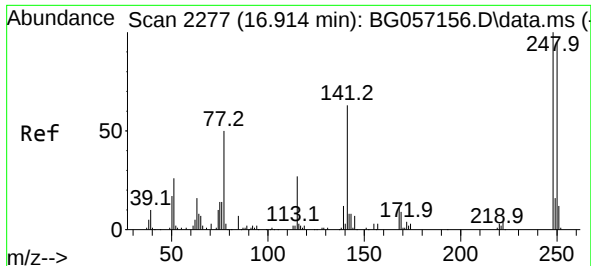


#66
n-Nitrosodiphenylamine
Concen: 42.478 ng
RT: 16.234 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:169 Resp: 159918
Ion Ratio Lower Upper
169 100
168 69.6 57.8 86.6
167 37.3 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 40.728 ng
RT: 16.916 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

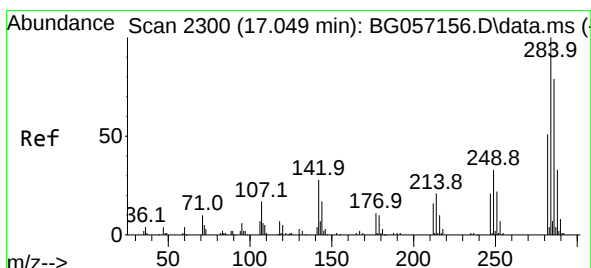
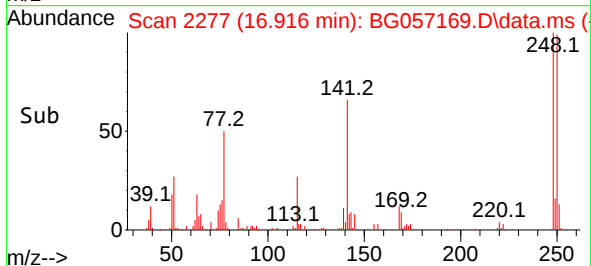
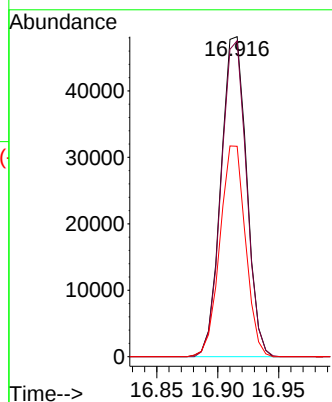
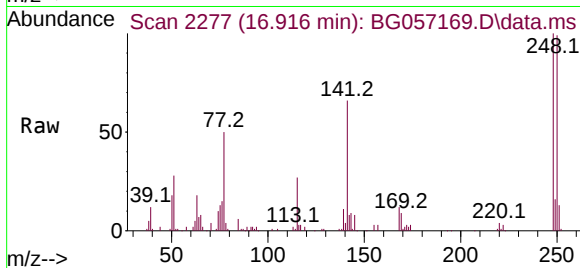
SSTDCCC040

Tgt Ion:248 Resp: 7066
Ion Ratio Lower Upper
248 100
250 98.7 75.8 113.8
141 65.8 50.1 75.1

Manual Integrations

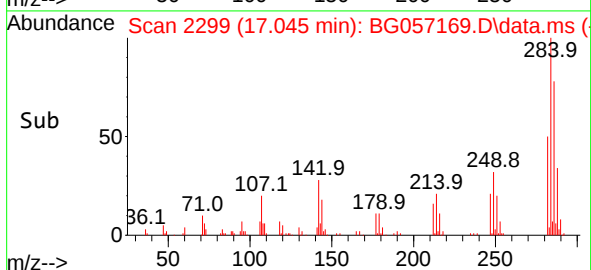
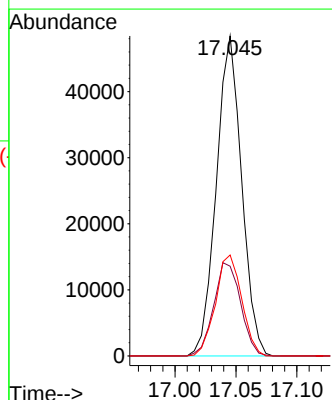
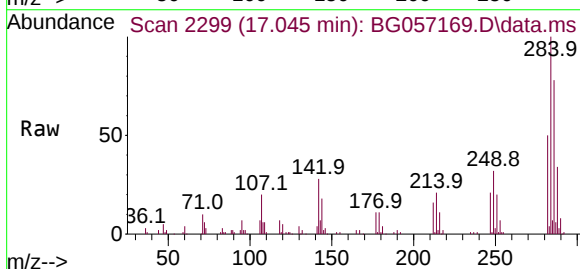
APPROVED

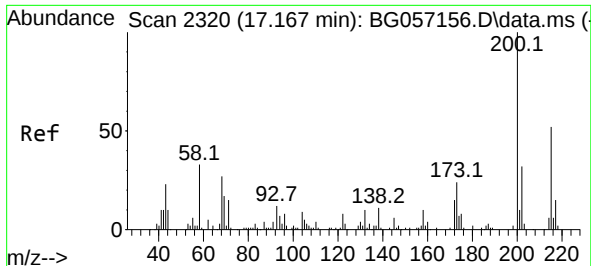
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#68
Hexachlorobenzene
Concen: 39.286 ng
RT: 17.045 min Scan# 2299
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:284 Resp: 69918
Ion Ratio Lower Upper
284 100
142 28.0 22.6 33.8
249 31.5 26.6 40.0





#69
 Atrazine
 Concen: 48.805 ng
 RT: 17.163 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

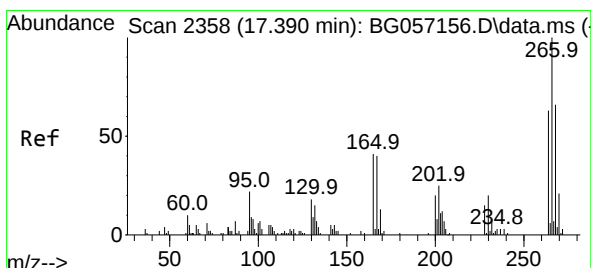
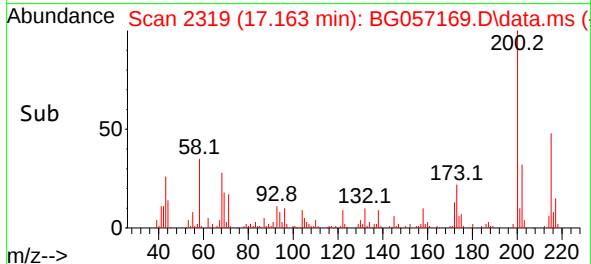
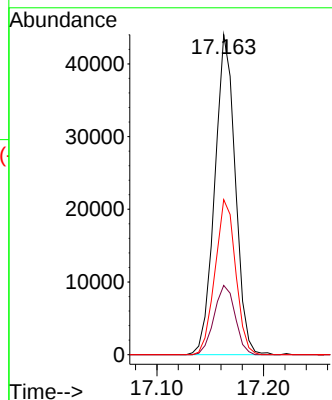
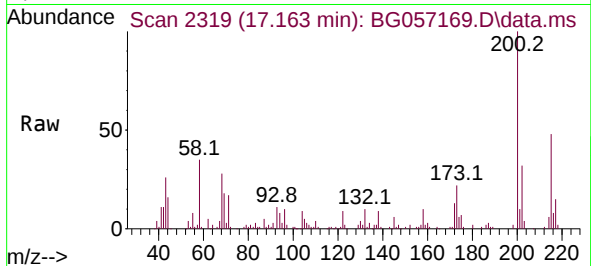
SSTDCCC040

Tgt Ion:200 Resp: 5868
 Ion Ratio Lower Upper
 200 100
 173 21.7 4.2 44.2
 215 48.4 31.8 71.8

Manual Integrations

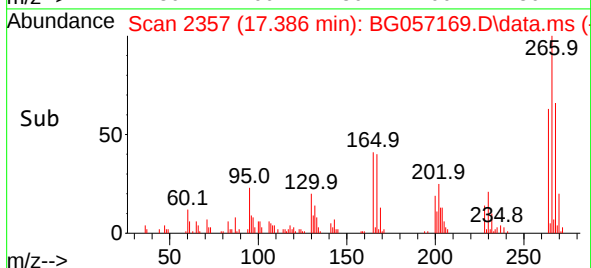
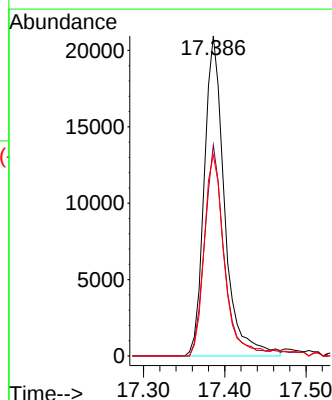
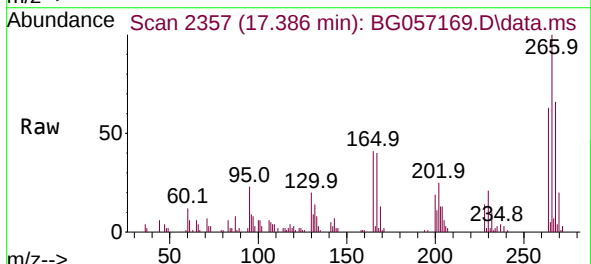
APPROVED

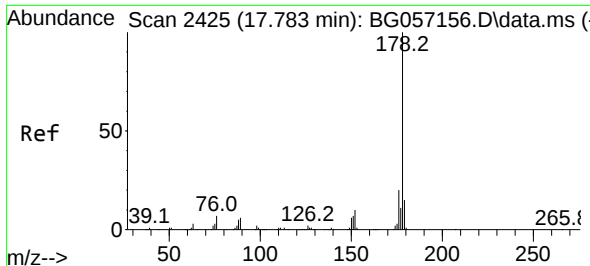
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#70
 Pentachlorophenol
 Concen: 43.466 ng
 RT: 17.386 min Scan# 2357
 Delta R.T. -0.004 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48

Tgt Ion:266 Resp: 36354
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.5 78.7
 264 62.8 50.7 76.1





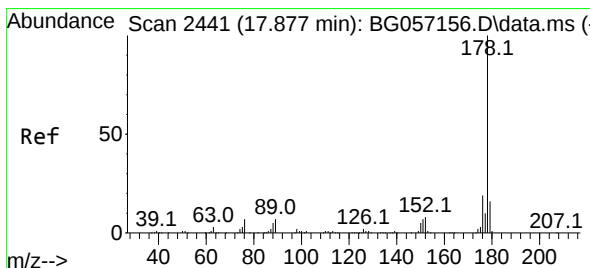
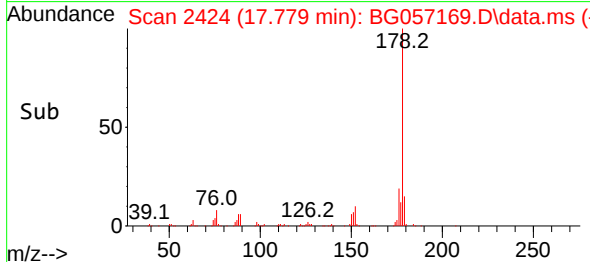
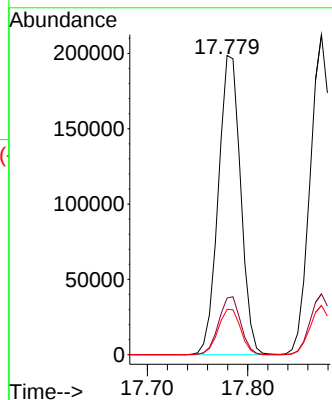
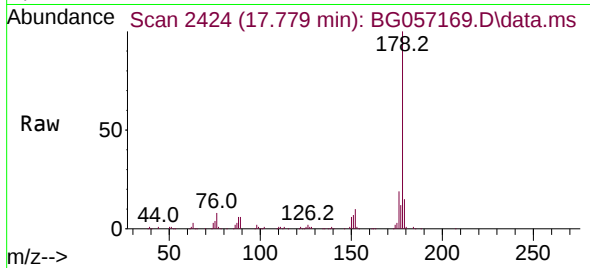
#71
Phenanthrene
Concen: 41.612 ng
RT: 17.779 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 306500
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.1 12.4 18.6

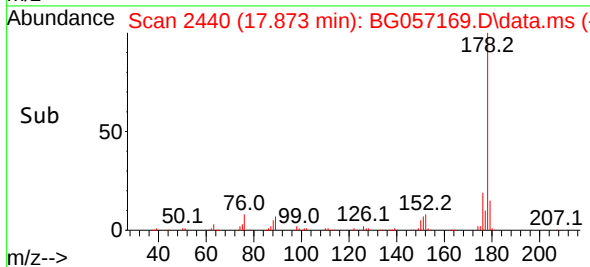
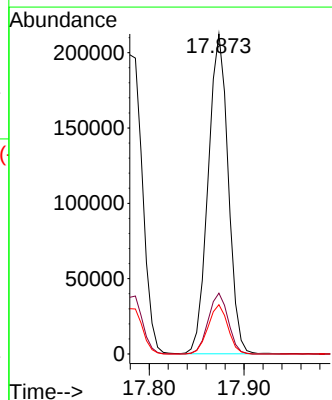
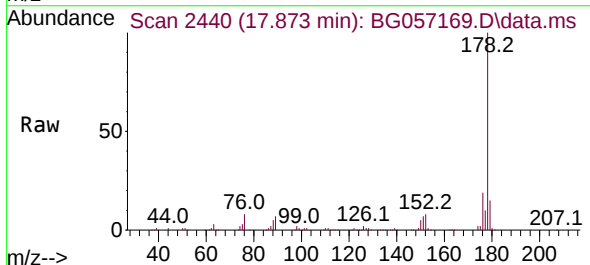
Manual Integrations
APPROVED

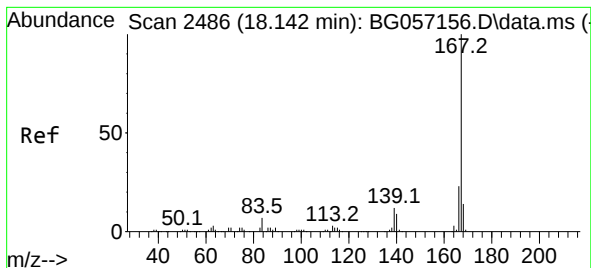
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 41.858 ng
RT: 17.873 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:178 Resp: 311744
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.4 12.5 18.7





#73

Carbazole

Concen: 42.025 ng

RT: 18.138 min Scan# 2485

Delta R.T. -0.004 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

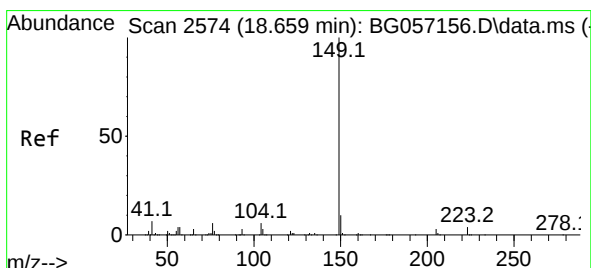
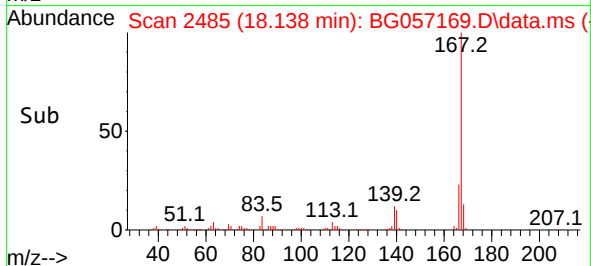
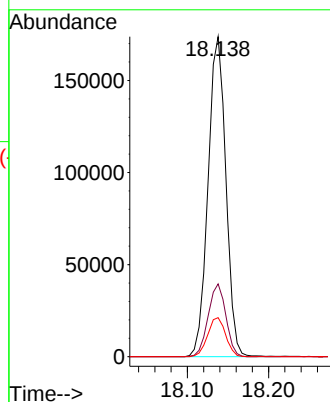
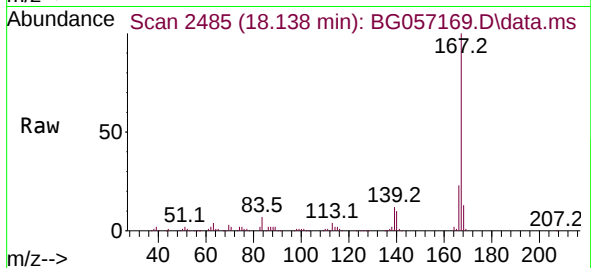
Tgt Ion:	167	Resp:	264198
Ion Ratio	Lower	Upper	
167	100		
166	22.7	18.3	27.5
139	12.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#74

Di-n-butylphthalate

Concen: 46.105 ng

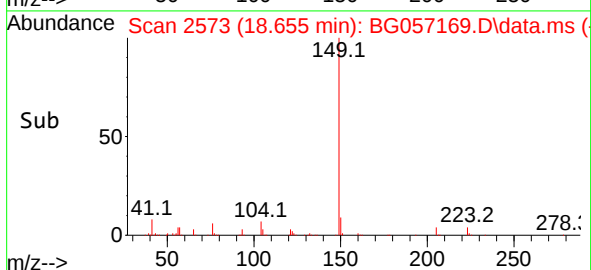
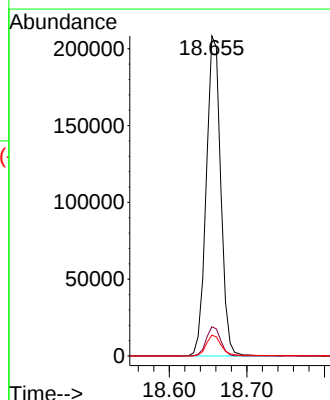
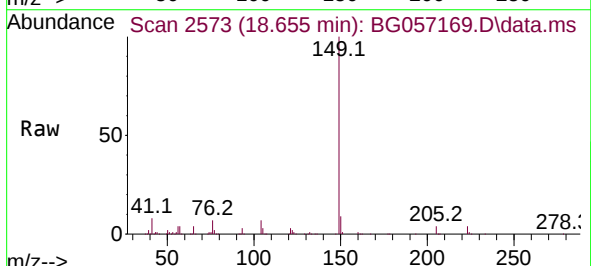
RT: 18.655 min Scan# 2573

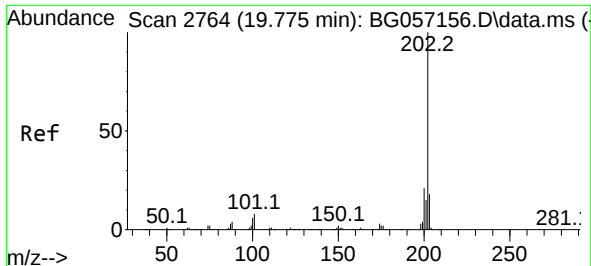
Delta R.T. -0.004 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

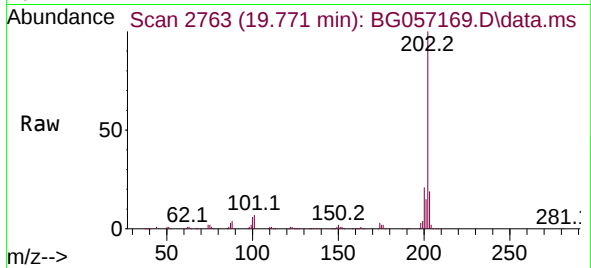
Tgt Ion:	149	Resp:	269612
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	6.5	4.7	7.1





#75
Fluoranthene
Concen: 40.780 ng
RT: 19.771 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

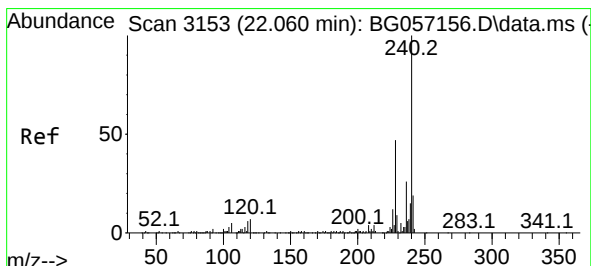
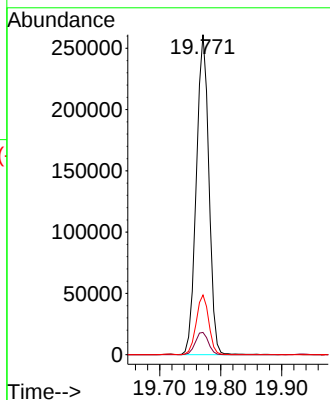
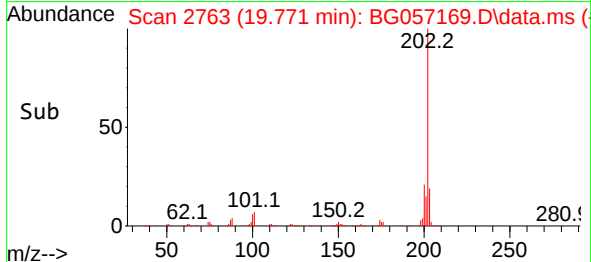
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 373179
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.6
203 18.7 0.0 38.3

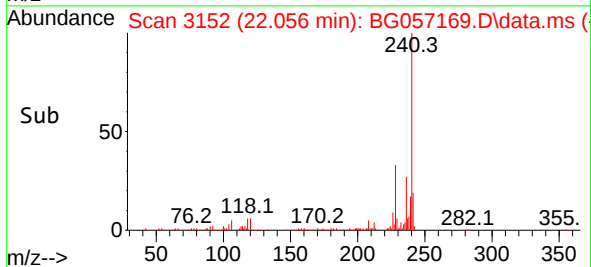
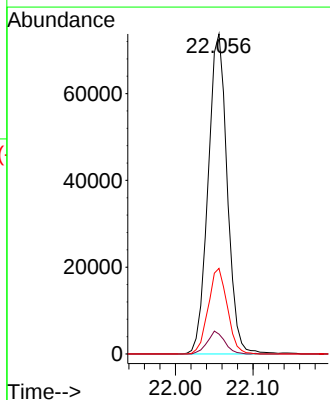
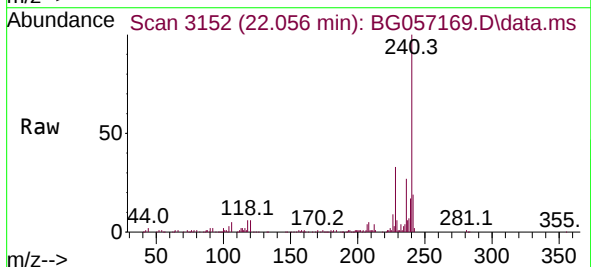
Manual Integrations
APPROVED

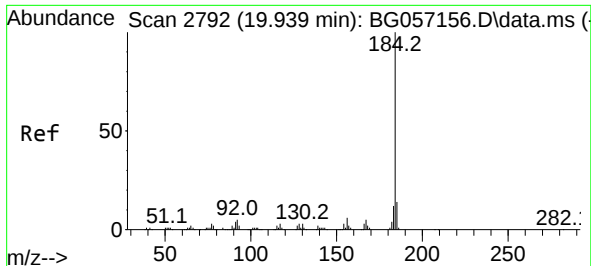
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.056 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:240 Resp: 126512
Ion Ratio Lower Upper
240 100
120 6.2 5.5 8.3
236 26.7 20.8 31.2





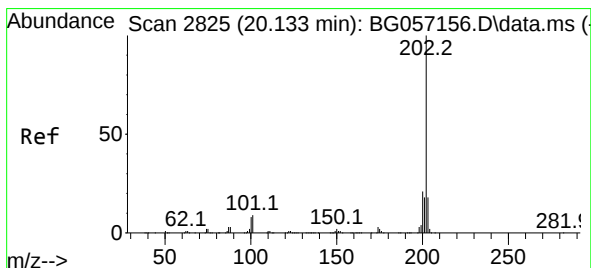
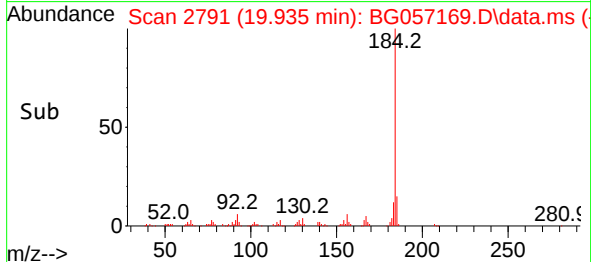
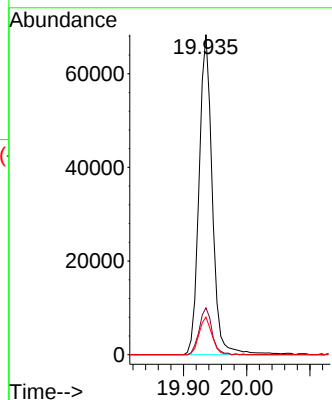
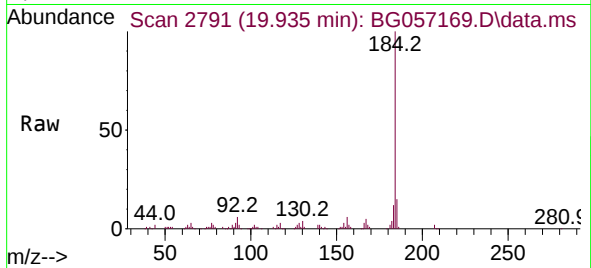
#77
Benzidine
Concen: 52.133 ng
RT: 19.935 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 99385
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.8 9.4 14.0

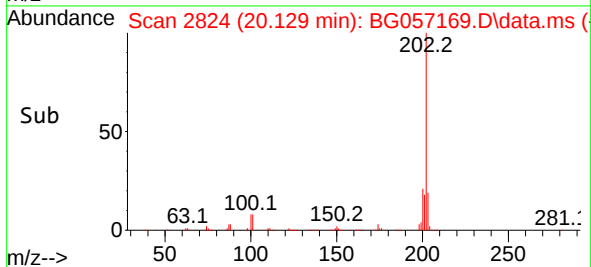
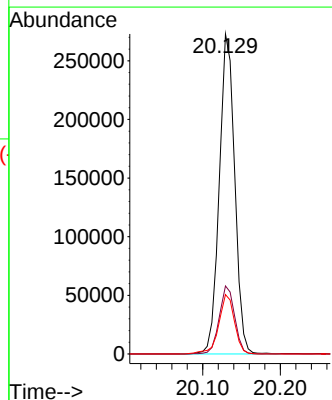
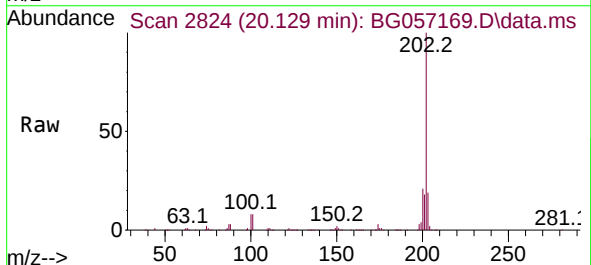
Manual Integrations
APPROVED

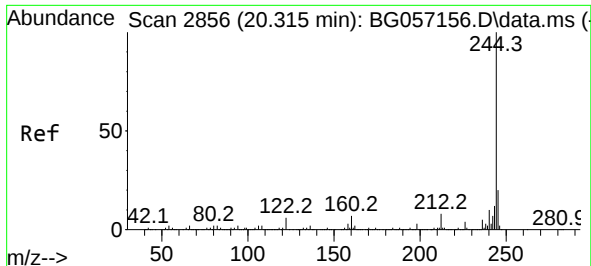
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#78
Pyrene
Concen: 44.000 ng
RT: 20.129 min Scan# 2824
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:202 Resp: 377935
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.5 14.7 22.1





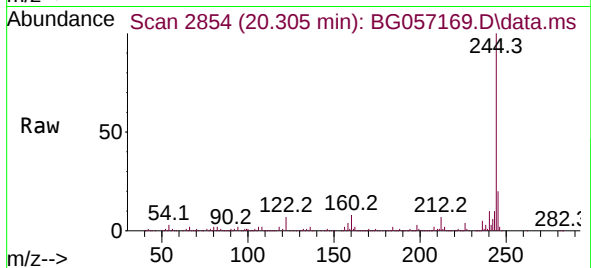
#79
 Terphenyl-d14
 Concen: 85.854 ng
 RT: 20.305 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

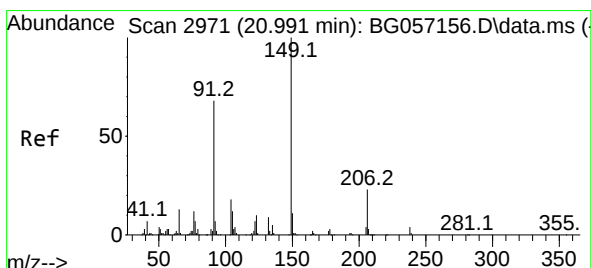
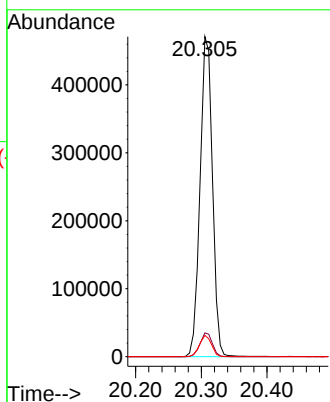
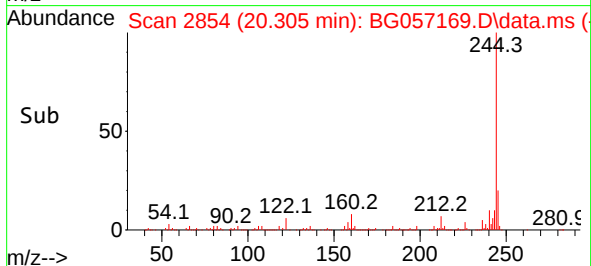


Tgt Ion:244 Resp: 620970
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 6.7 5.0 7.4

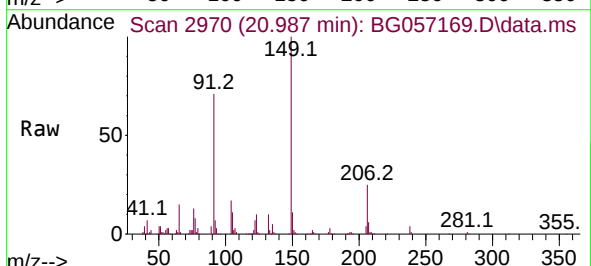
Manual Integrations

APPROVED

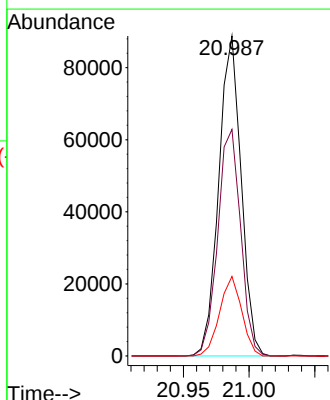
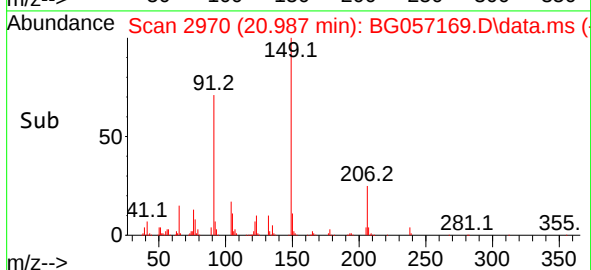
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

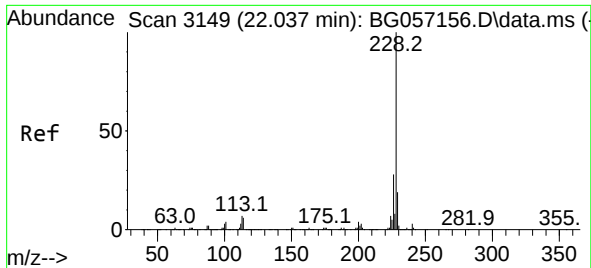


#80
 Butylbenzylphthalate
 Concen: 47.073 ng
 RT: 20.987 min Scan# 2970
 Delta R.T. -0.004 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48



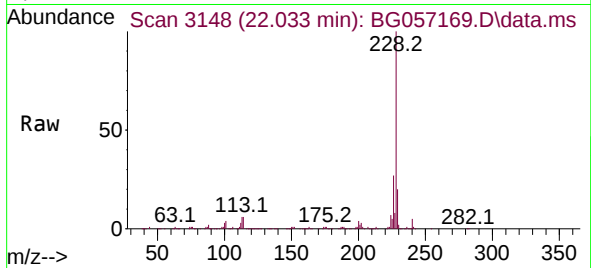
Tgt Ion:149 Resp: 105168
 Ion Ratio Lower Upper
 149 100
 91 70.8 54.1 81.1
 206 24.8 18.2 27.2





#81
Benzo(a)anthracene
Concen: 42.792 ng
RT: 22.033 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

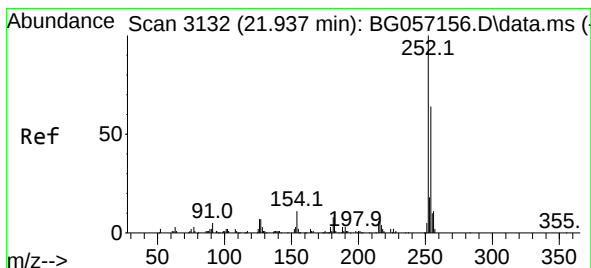
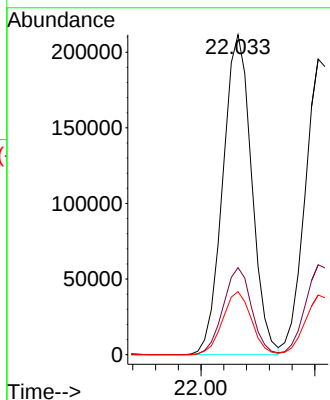
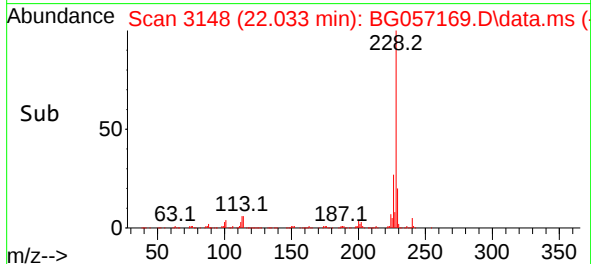
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 372219
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.7 15.6 23.4

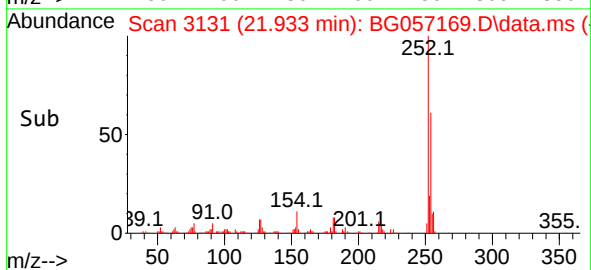
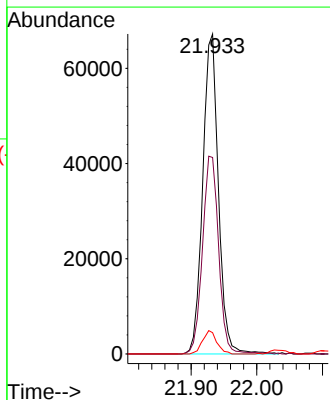
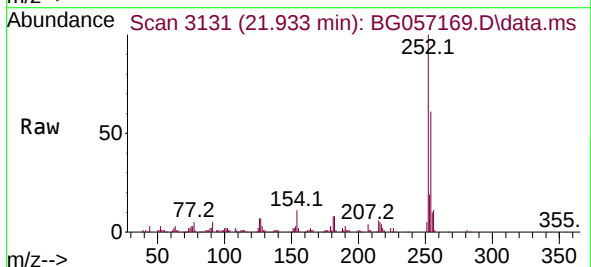
Manual Integrations
APPROVED

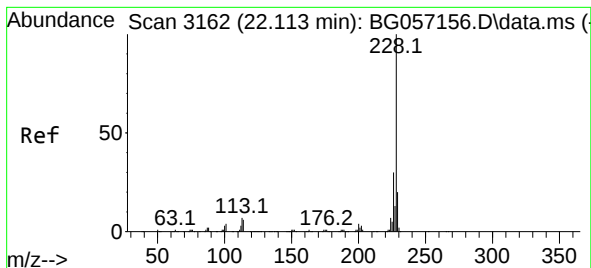
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#82
3,3'-Dichlorobenzidine
Concen: 49.077 ng
RT: 21.933 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

Tgt Ion:252 Resp: 111729
Ion Ratio Lower Upper
252 100
254 61.4 50.9 76.3
126 6.6 5.9 8.9





#83

Chrysene

Concen: 42.061 ng

RT: 22.103 min Scan# 3160

Delta R.T. -0.010 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

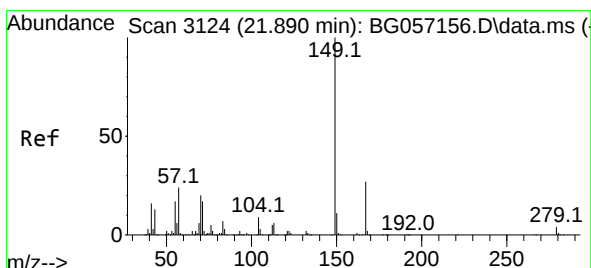
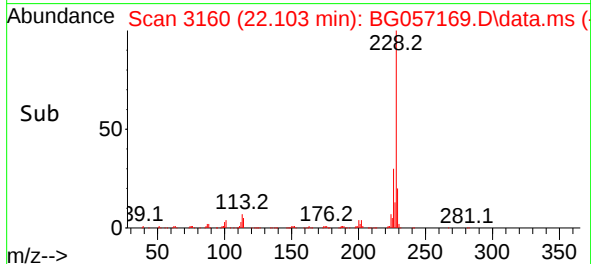
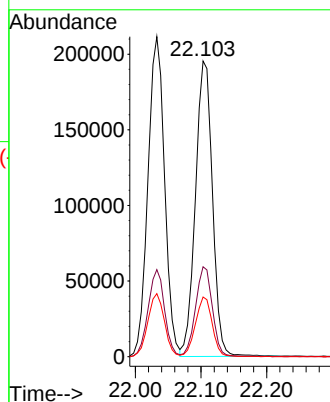
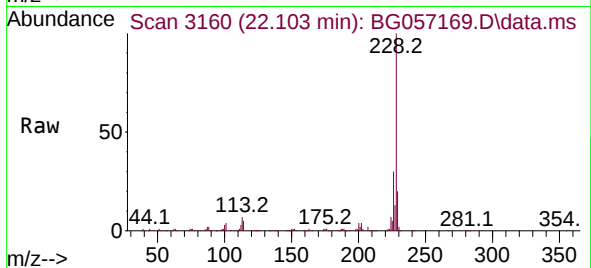
SSTDCCC040

Tgt Ion:228 Resp: 35282
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.0 36.0
 229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.386 ng

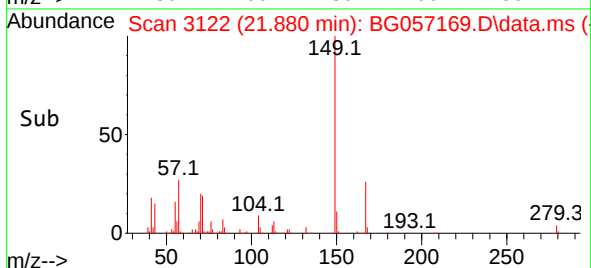
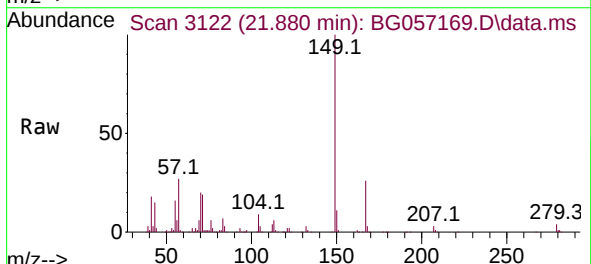
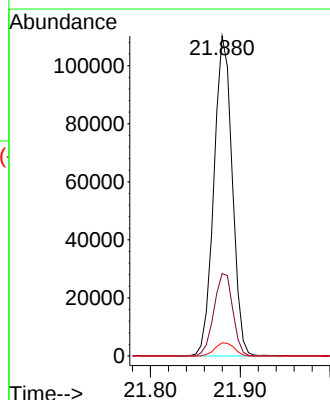
RT: 21.880 min Scan# 3122

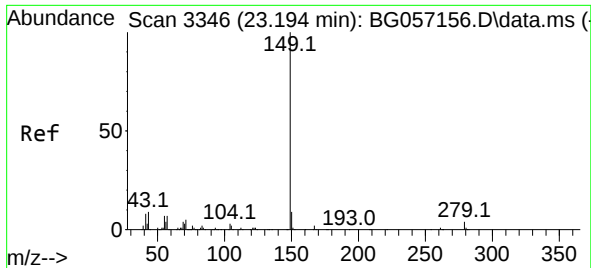
Delta R.T. -0.010 min

Lab File: BG057169.D

Acq: 25 Apr 2023 9:48

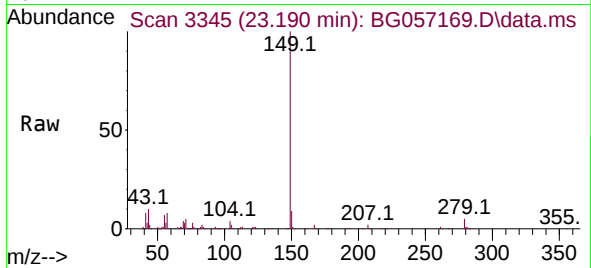
Tgt Ion:149 Resp: 156310
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.9 32.9
 279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 47.107 ng
RT: 23.190 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

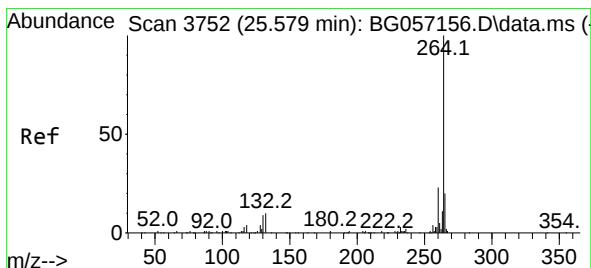
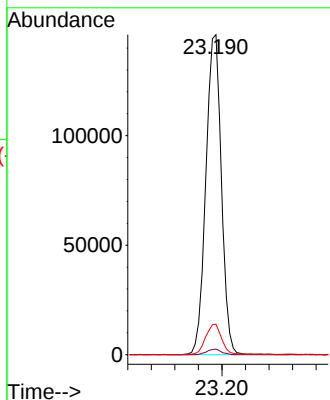
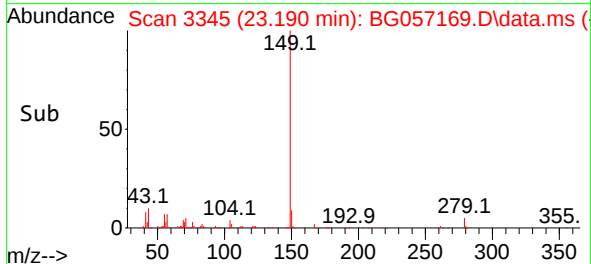
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



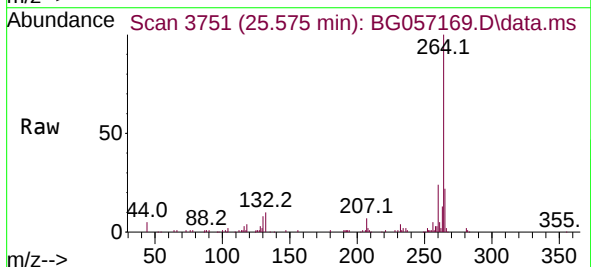
Tgt Ion:149 Resp: 267292
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 7.4 11.0

Manual Integrations
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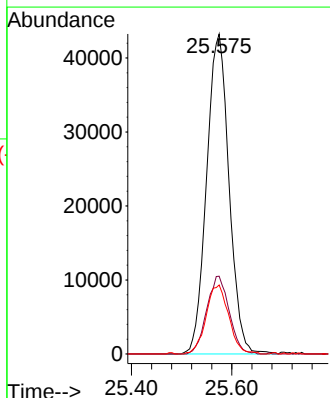
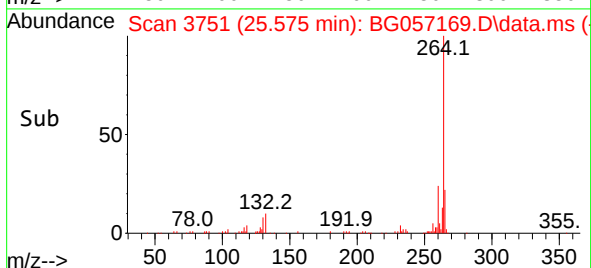
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

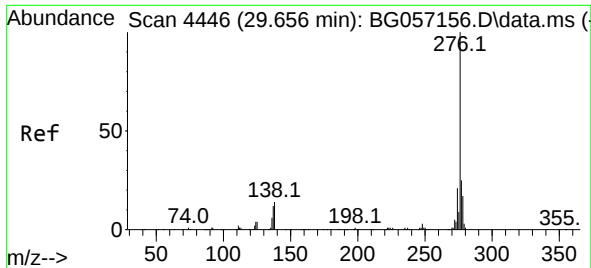


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.575 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:264 Resp: 134126
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.5 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.208 ng
 RT: 29.640 min Scan# 4446
 Delta R.T. -0.016 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48

Instrument :

BNA_G

ClientSampleId :

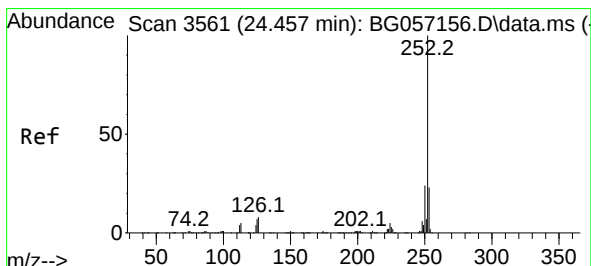
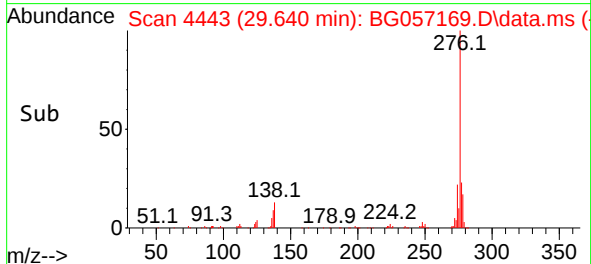
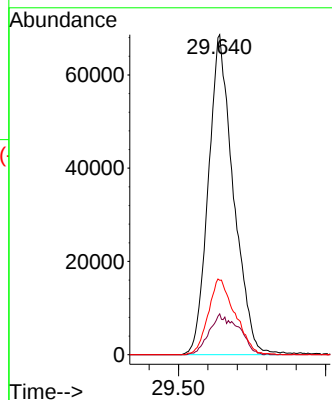
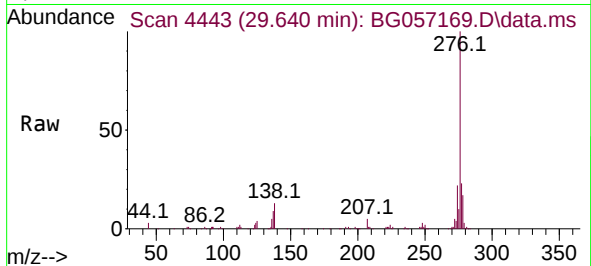
SSTDCCC040

Tgt Ion:276 Resp: 405518
 Ion Ratio Lower Upper
 276 100
 138 15.0 13.8 20.6
 277 25.3 20.4 30.6

Manual Integrations

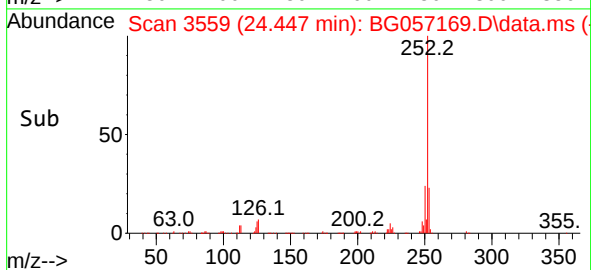
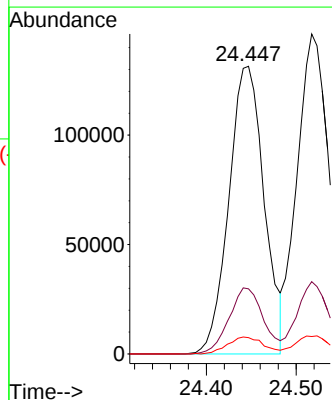
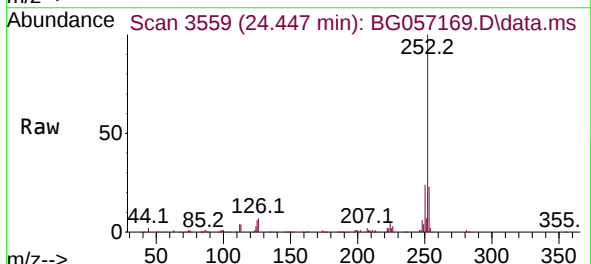
APPROVED

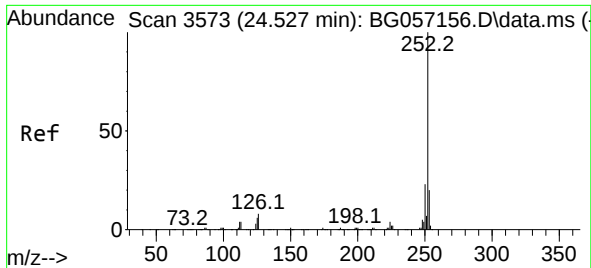
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#88
 Benzo(b)fluoranthene
 Concen: 42.606 ng
 RT: 24.447 min Scan# 3559
 Delta R.T. -0.010 min
 Lab File: BG057169.D
 Acq: 25 Apr 2023 9:48

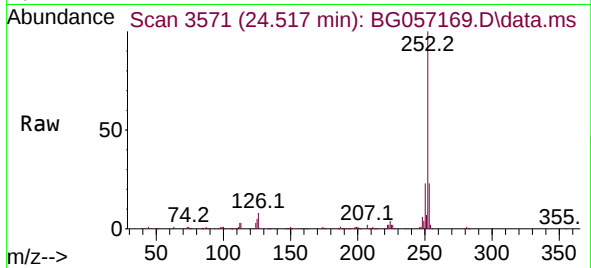
Tgt Ion:252 Resp: 358219
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.2 27.2
 125 5.7 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 41.693 ng
RT: 24.517 min Scan# 3573
Delta R.T. -0.010 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

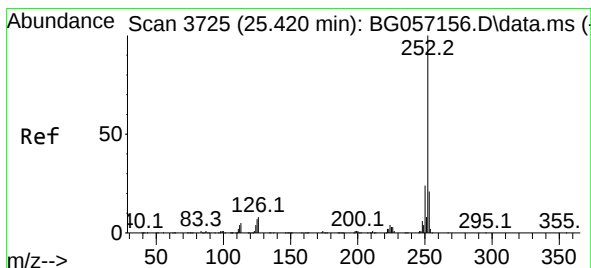
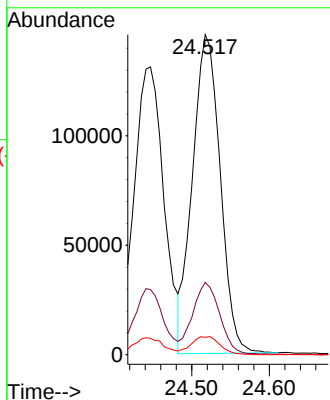
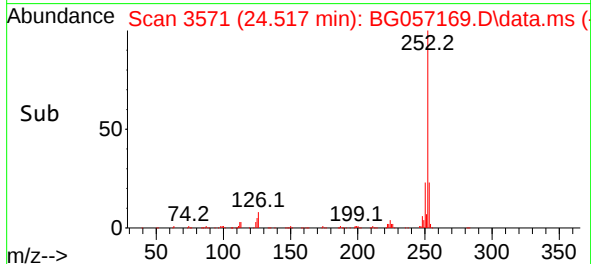
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 362599
Ion Ratio Lower Upper
252 100
253 22.6 16.7 25.1
125 5.4 5.0 7.6

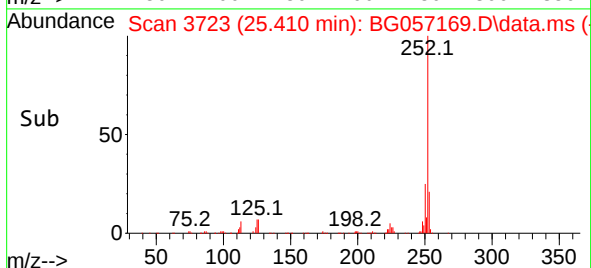
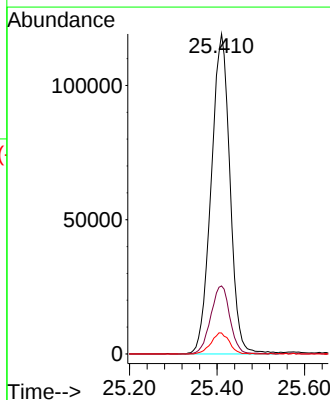
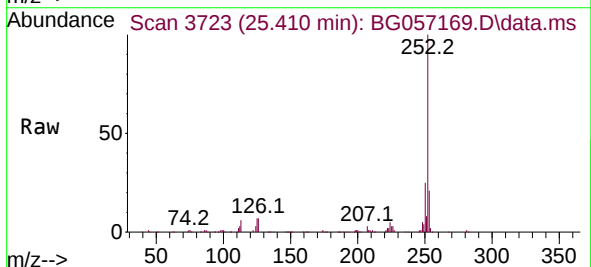
Manual Integrations
APPROVED

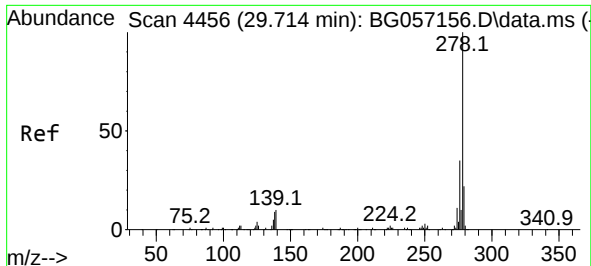
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 42.728 ng
RT: 25.410 min Scan# 3723
Delta R.T. -0.010 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

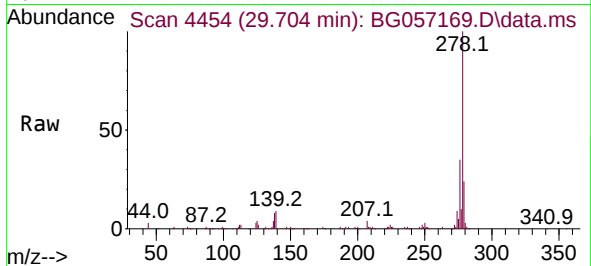
Tgt Ion:252 Resp: 353838
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 6.5 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 42.420 ng
RT: 29.704 min Scan# 4456
Delta R.T. -0.010 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48

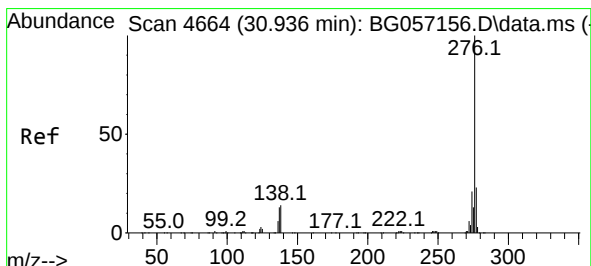
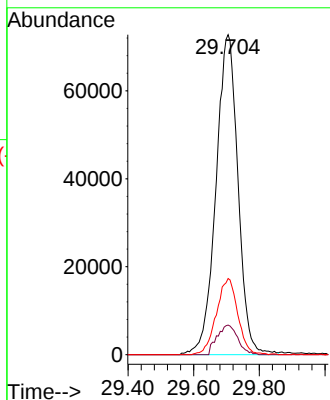
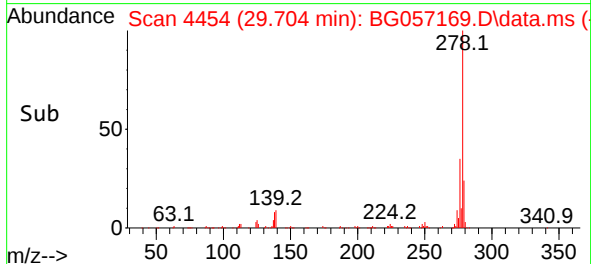
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



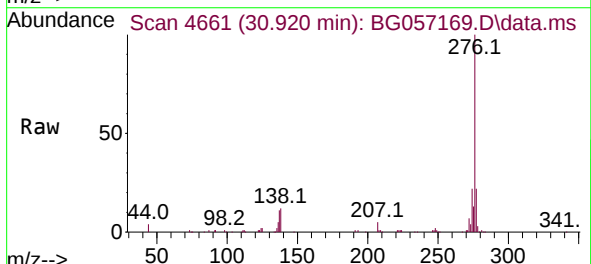
Tgt Ion:278 Resp: 33840
Ion Ratio Lower Upper
278 100
139 9.2 7.9 11.9
279 23.8 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#92
Benzo(g,h,i)perylene
Concen: 41.649 ng
RT: 30.920 min Scan# 4661
Delta R.T. -0.016 min
Lab File: BG057169.D
Acq: 25 Apr 2023 9:48



Tgt Ion:276 Resp: 328738
Ion Ratio Lower Upper
276 100
277 22.3 18.5 27.7
138 11.5 11.5 17.3

