

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057166.D
 Acq On : 25 Apr 2023 00:53
 Operator : CG/JU
 Sample : PB152297BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152297BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:21:15 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	8.384	152	18422	20.000	ng	0.00
21) Naphthalene-d8	11.227	136	76101	20.000	ng	0.00
39) Acenaphthene-d10	14.998	164	57497	20.000	ng	0.00
64) Phenanthrene-d10	17.741	188	142342	20.000	ng	0.00
76) Chrysene-d12	22.053	240	130105	20.000	ng	0.00
86) Perylene-d12	25.572	264	136284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	167967	165.229	ng	0.00
7) Phenol-d6	7.526	99	242087	164.591	ng	0.00
23) Nitrobenzene-d5	9.564	82	153096	99.454	ng	0.00
42) 2,4,6-Tribromophenol	16.484	330	103324	136.199	ng	0.00
45) 2-Fluorobiphenyl	13.624	172	370495	86.598	ng	0.00
79) Terphenyl-d14	20.309	244	716991	96.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.696	88	17561	38.551	ng	89
3) Pyridine	4.119	79	51193	37.039	ng	90
4) n-Nitrosodimethylamine	4.031	42	29616	59.402	ng	80
6) Aniline	7.696	93	75875	39.502	ng	95
8) 2-Chlorophenol	7.943	128	58708	55.128	ng	97
9) Benzaldehyde	7.508	77	41990	47.663	ng	93
10) Phenol	7.549	94	83327	57.055	ng	96
11) bis(2-Chloroethyl)ether	7.784	93	56015	48.876	ng	93
12) 1,3-Dichlorobenzene	8.272	146	58660	46.499	ng	96
13) 1,4-Dichlorobenzene	8.419	146	60931	47.925	ng	95
14) 1,2-Dichlorobenzene	8.748	146	58372	47.552	ng	96
15) Benzyl Alcohol	8.619	79	61955	57.165	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.906	45	75172m	49.612	ng	
17) 2-Methylphenol	8.818	107	54894	51.364	ng	94
18) Hexachloroethane	9.488	117	21485	49.813	ng	91
19) n-Nitroso-di-n-propyla...	9.188	70	53367	58.334	ng	92
20) 3+4-Methylphenols	9.147	107	76668	52.420	ng	96
22) Acetophenone	9.218	105	97289	47.126	ng	# 93
24) Nitrobenzene	9.605	77	78640	50.881	ng	95
25) Isophorone	10.128	82	145018	49.114	ng	99
26) 2-Nitrophenol	10.322	139	30066	52.070	ng	# 89
27) 2,4-Dimethylphenol	10.363	122	59104	53.257	ng	98
28) bis(2-Chloroethoxy)met...	10.604	93	78036	50.417	ng	97
29) 2,4-Dichlorophenol	10.863	162	62012	50.160	ng	97
30) 1,2,4-Trichlorobenzene	11.080	180	66460	43.962	ng	94
31) Naphthalene	11.280	128	180667	44.697	ng	99
32) Benzoic acid	10.498	122	25892	49.511	ng	97
33) 4-Chloroaniline	11.374	127	45510	25.608	ng	98
34) Hexachlorobutadiene	11.550	225	47385	42.508	ng	99
35) Caprolactam	12.143	113	19163m	55.979	ng	
36) 4-Chloro-3-methylphenol	12.472	107	67947	51.090	ng	95
37) 2-Methylnaphthalene	12.854	142	136419	42.888	ng	95
38) 1-Methylnaphthalene	13.071	142	127337	43.361	ng	97
40) 1,2,4,5-Tetrachloroben...	13.212	216	90046	42.800	ng	# 97
41) Hexachlorocyclopentadiene	13.189	237	97935	107.138	ng	99
43) 2,4,6-Trichlorophenol	13.441	196	56909	49.964	ng	99

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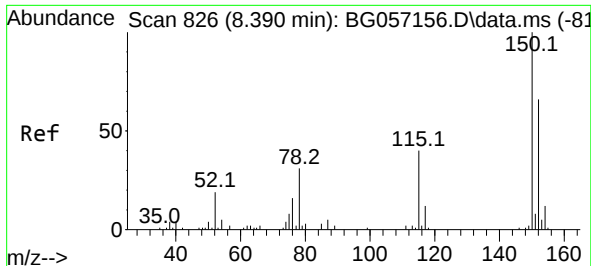
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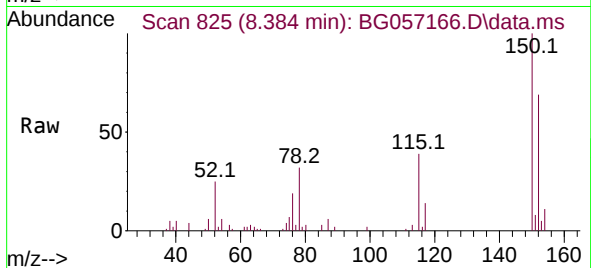
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.524	196	60610	44.078	ng	97
46) 1,1'-Biphenyl	13.835	154	194736	45.438	ng	99
47) 2-Chloronaphthalene	13.888	162	147819	45.699	ng	97
48) 2-Nitroaniline	14.082	65	43665	53.442	ng	92
49) Acenaphthylene	14.728	152	232702	45.318	ng	99
50) Dimethylphthalate	14.434	163	196268	48.638	ng	99
51) 2,6-Dinitrotoluene	14.563	165	42408	50.348	ng	93
52) Acenaphthene	15.063	154	169957m	50.660	ng	
53) 3-Nitroaniline	14.898	138	25665	30.685	ng	93
54) 2,4-Dinitrophenol	15.104	184	46272	95.552	ng	89
55) Dibenzofuran	15.398	168	238312	43.841	ng	97
56) 4-Nitrophenol	15.198	139	64568	109.674	ng	87
57) 2,4-Dinitrotoluene	15.351	165	59374	51.761	ng	92
58) Fluorene	16.044	166	195926	44.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	57369	48.706	ng	98
60) Diethylphthalate	15.785	149	193848	49.836	ng	99
61) 4-Chlorophenyl-phenyle...	16.020	204	115022	43.789	ng	97
62) 4-Nitroaniline	16.056	138	41515	49.293	ng	89
63) Azobenzene	16.314	77	208789	50.459	ng	97
65) 4,6-Dinitro-2-methylph...	16.114	198	36376	49.112	ng	96
66) n-Nitrosodiphenylamine	16.232	169	171963	46.300	ng	98
67) 4-Bromophenyl-phenylether	16.913	248	73055	42.678	ng	97
68) Hexachlorobenzene	17.042	284	77492	44.136	ng	96
69) Atrazine	17.166	200	73693	62.121	ng	96
70) Pentachlorophenol	17.383	266	79013	95.759	ng	97
71) Phenanthrene	17.783	178	334543	46.038	ng	100
72) Anthracene	17.877	178	338473	46.066	ng	99
73) Carbazole	18.141	167	299262	48.251	ng	99
74) Di-n-butylphthalate	18.658	149	299110	51.846	ng	99
75) Fluoranthene	19.774	202	413361	45.787	ng	99
77) Benzidine	19.939	184	146418	74.684	ng	98
78) Pyrene	20.132	202	421251	47.688	ng	99
80) Butylbenzylphthalate	20.990	149	117637	50.918	ng	98
81) Benzo(a)anthracene	22.036	228	423159	47.304	ng	100
82) 3,3'-Dichlorobenzidine	21.930	252	89766	38.341	ng	99
83) Chrysene	22.106	228	387637	44.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	172484	47.368	ng	100
85) Di-n-octyl phthalate	23.187	149	301853	51.729	ng	98
87) Indeno(1,2,3-cd)pyrene	29.649	276	480067	49.176	ng	98
88) Benzo(b)fluoranthene	24.450	252	423053	49.521	ng	97
89) Benzo(k)fluoranthene	24.521	252	421362	47.683	ng	97
90) Benzo(a)pyrene	25.413	252	374255	44.478	ng	99
91) Dibenzo(a,h)anthracene	29.708	278	399172	49.245	ng	96
92) Benzo(g,h,i)perylene	30.930	276	384782	47.978	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

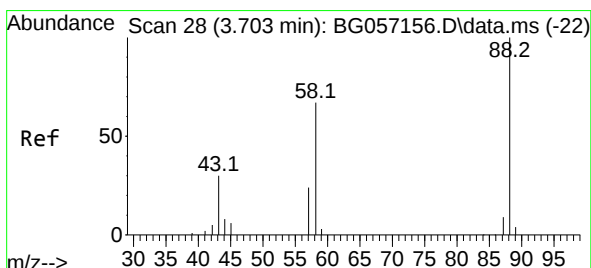
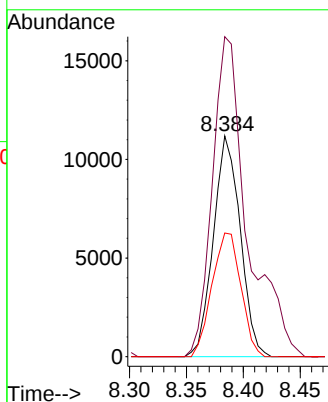
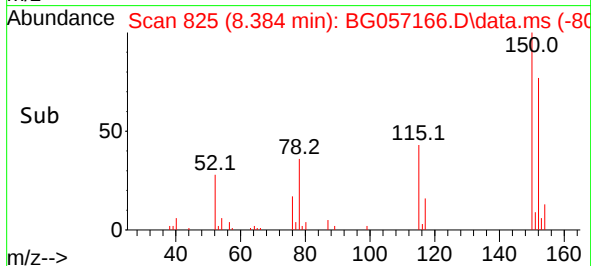
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion:152 Resp: 1842
Ion Ratio Lower Upper
152 100
150 144.9 121.4 182.2
115 56.0 48.1 72.1

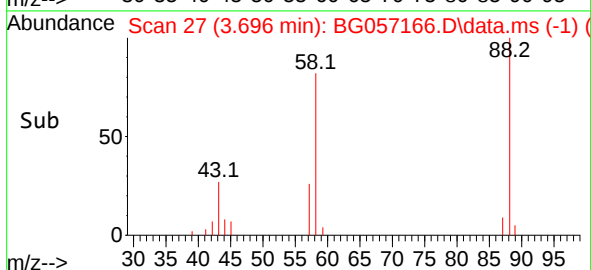
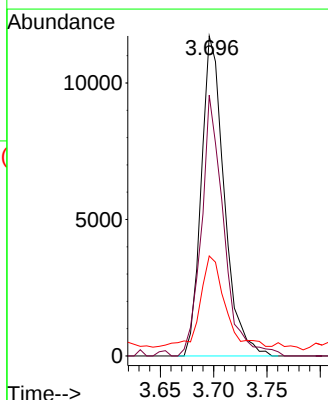
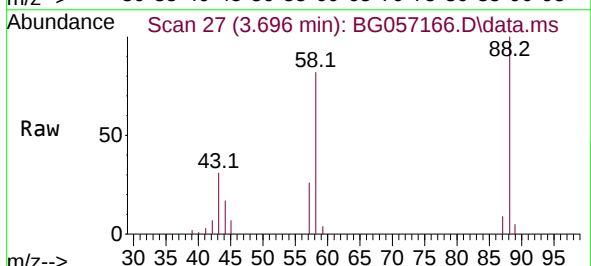
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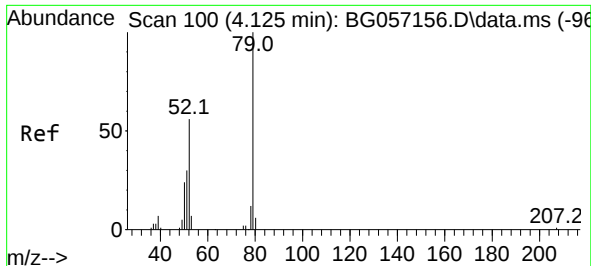
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#2
1,4-Dioxane
Concen: 38.551 ng
RT: 3.696 min Scan# 27
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion: 88 Resp: 17561
Ion Ratio Lower Upper
88 100
58 79.1 54.2 81.4
43 30.4 23.0 34.6





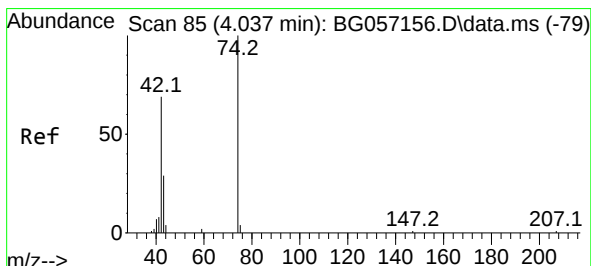
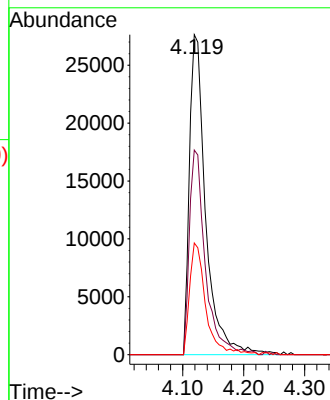
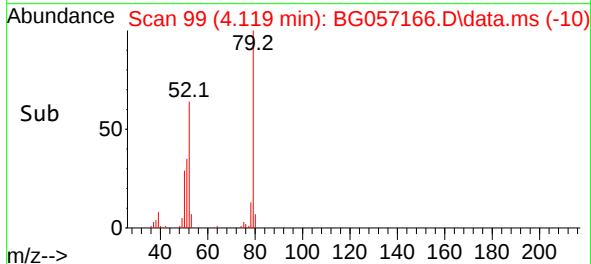
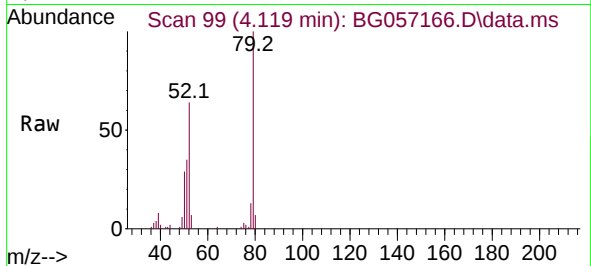
#3
Pyridine
Concen: 37.039 ng
RT: 4.119 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Tgt Ion: 79 Resp: 5119
Ion Ratio Lower Upper
79 100
52 63.9 44.5 66.7
51 34.9 24.3 36.5

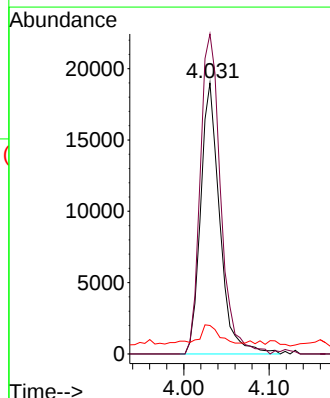
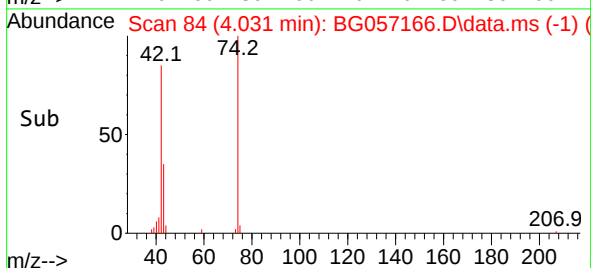
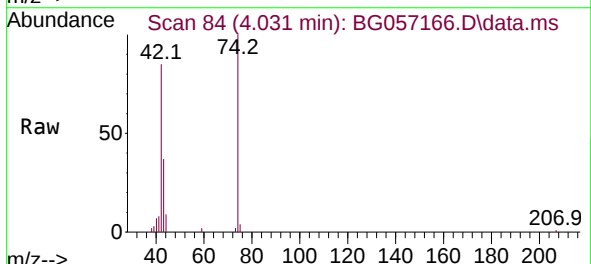
Manual Integrations
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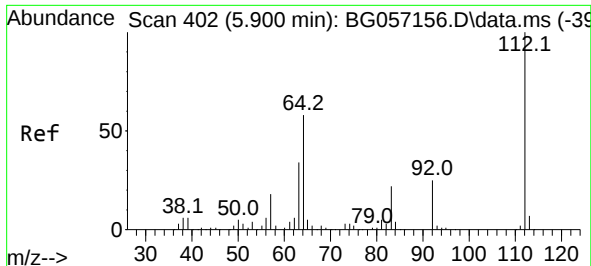
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#4
n-Nitrosodimethylamine
Concen: 59.402 ng
RT: 4.031 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion: 42 Resp: 29616
Ion Ratio Lower Upper
42 100
74 118.1 115.6 173.4
44 10.5 7.1 10.7





#5
2-Fluorophenol
Concen: 165.229 ng
RT: 5.899 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

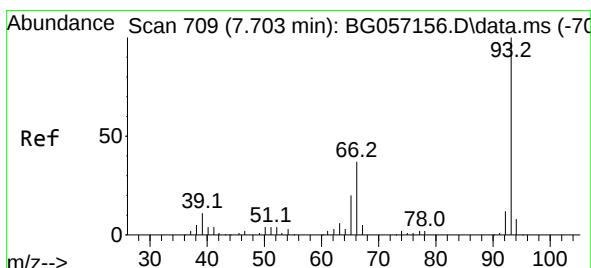
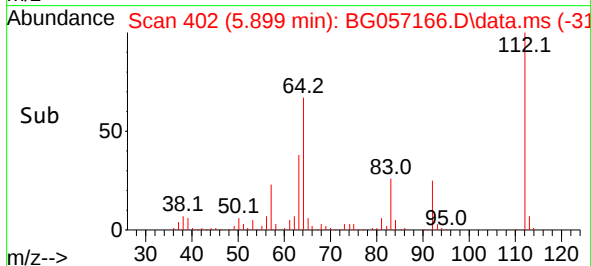
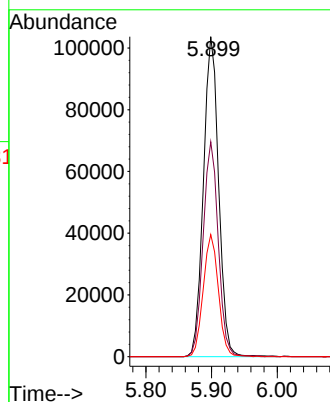
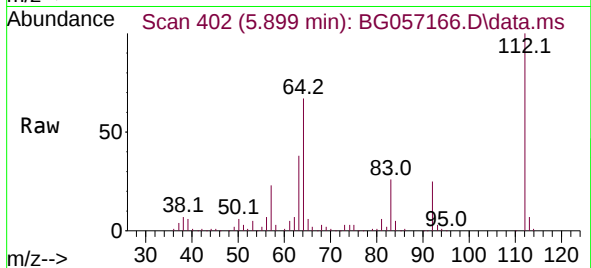
PB152297BSD

Tgt Ion:112 Resp: 16796
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 38.2 26.9 40.3

Manual Integrations

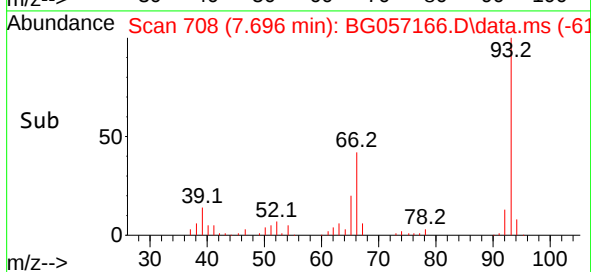
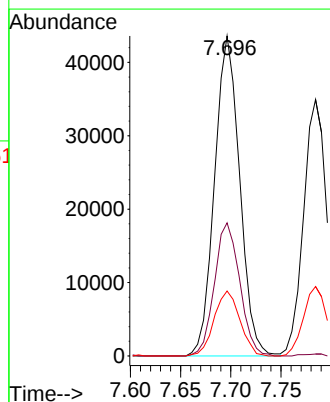
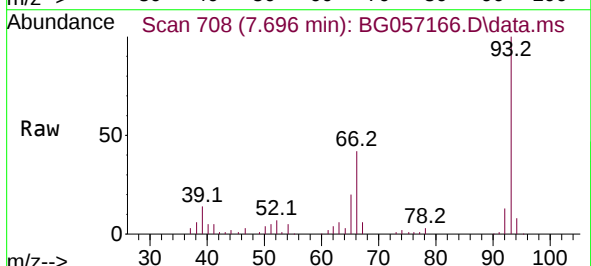
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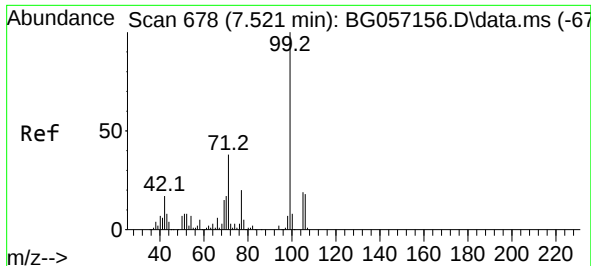
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#6
Aniline
Concen: 39.502 ng
RT: 7.696 min Scan# 708
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

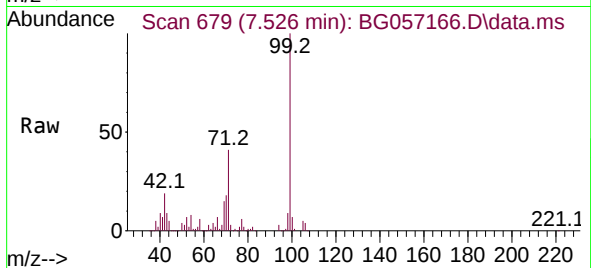
Tgt Ion: 93 Resp: 75875
Ion Ratio Lower Upper
93 100
66 41.6 29.8 44.8
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 164.591 ng
RT: 7.526 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

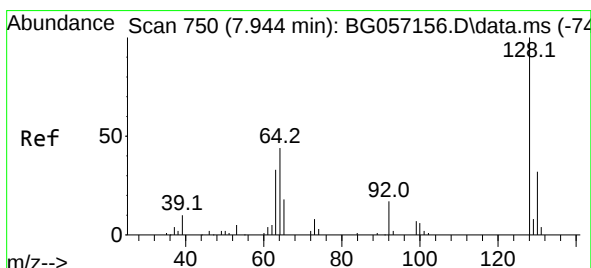
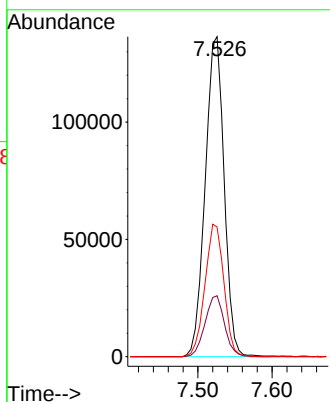
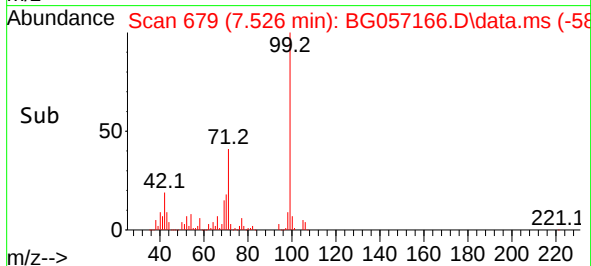
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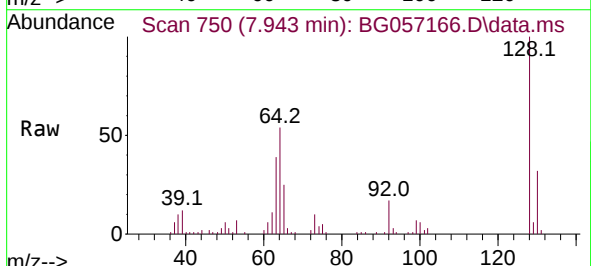
Tgt Ion: 99 Resp: 24208
Ion Ratio Lower Upper
99 100
42 19.0 13.4 20.0
71 40.5 30.2 45.2

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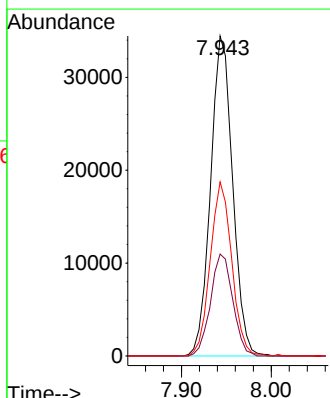
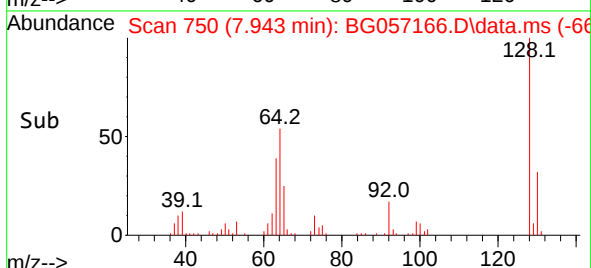
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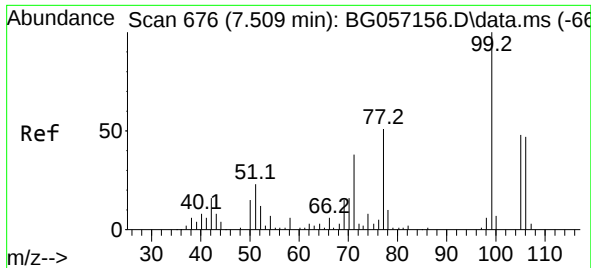


#8
2-Chlorophenol
Concen: 55.128 ng
RT: 7.943 min Scan# 750
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:128 Resp: 58708
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 54.4 31.4 71.4





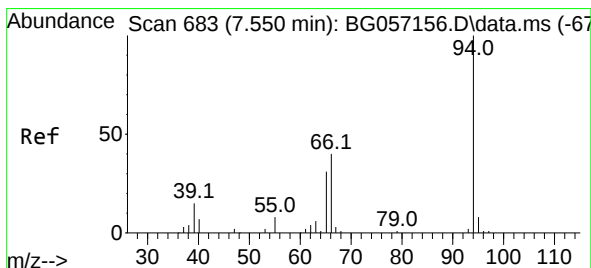
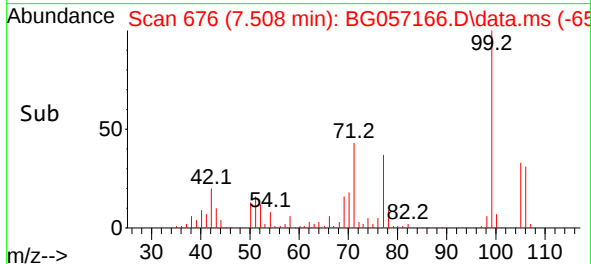
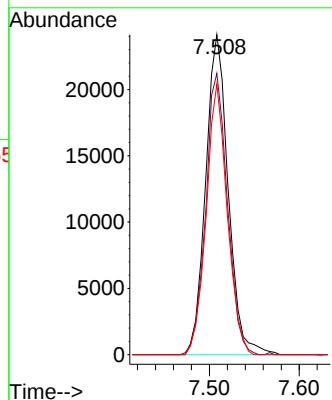
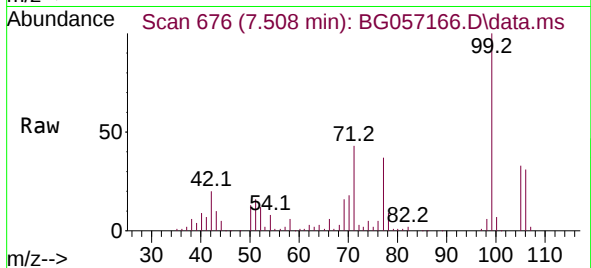
#9
Benzaldehyde
Concen: 47.663 ng
RT: 7.508 min Scan# 619
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Tgt Ion: 77 Resp: 41990
Ion Ratio Lower Upper
77 100
105 87.9 73.5 113.5
106 84.6 72.7 112.7

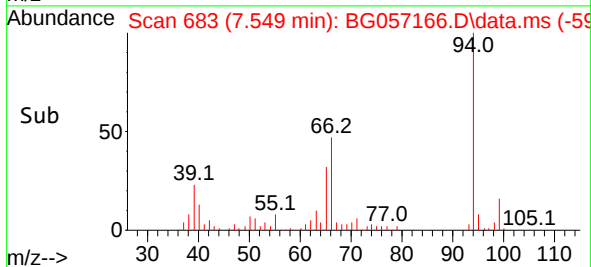
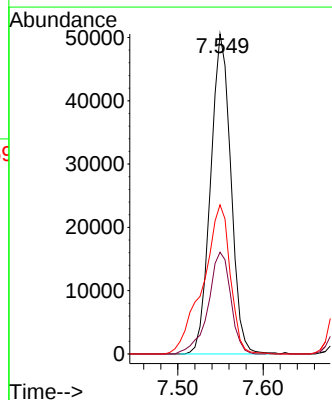
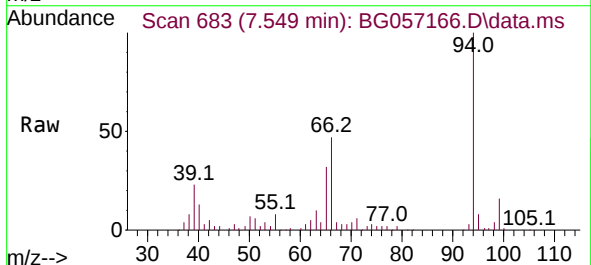
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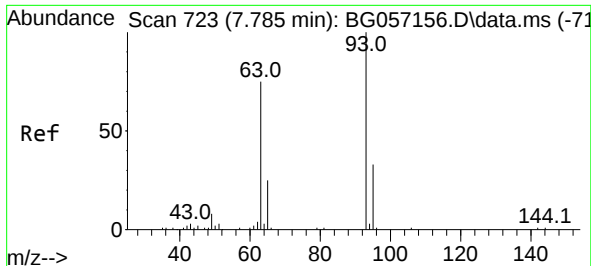
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#10
Phenol
Concen: 57.055 ng
RT: 7.549 min Scan# 683
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion: 94 Resp: 83327
Ion Ratio Lower Upper
94 100
65 31.8 11.6 51.6
66 46.6 22.7 62.7





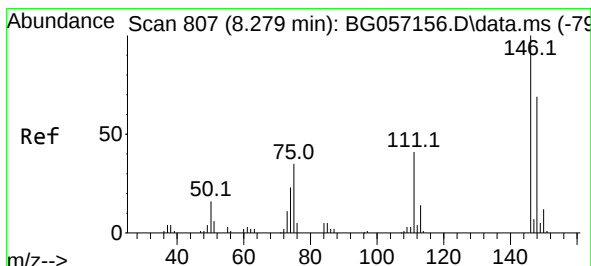
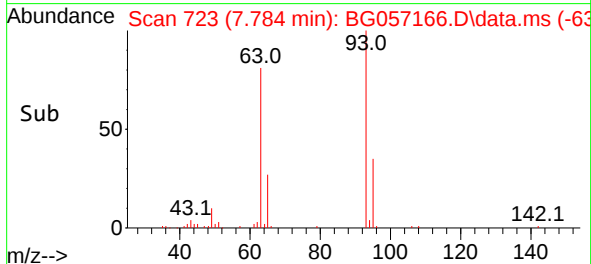
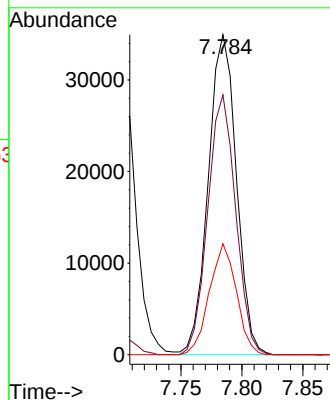
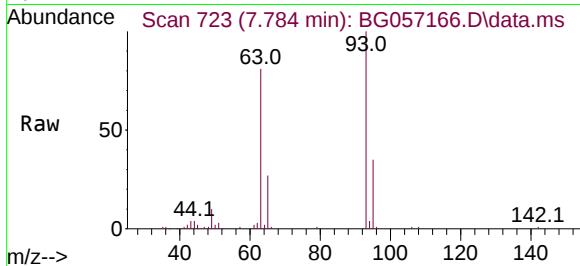
#11
bis(2-Chloroethyl)ether
Concen: 48.876 ng
RT: 7.784 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Tgt Ion: 93 Resp: 5601
Ion Ratio Lower Upper
93 100
63 81.2 53.9 93.9
95 34.6 13.1 53.1

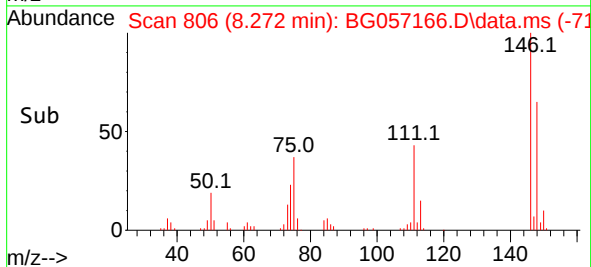
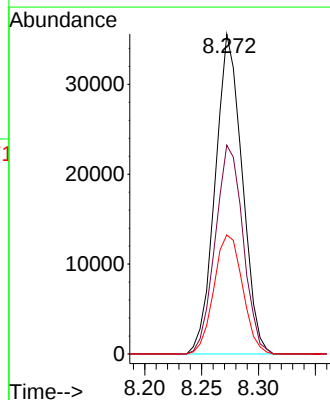
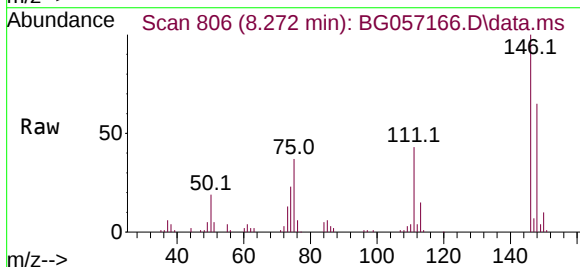
Manual Integrations
APPROVED

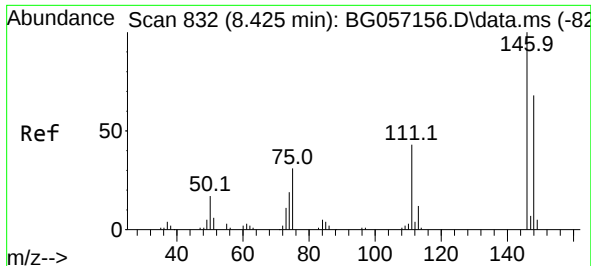
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#12
1,3-Dichlorobenzene
Concen: 46.499 ng
RT: 8.272 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

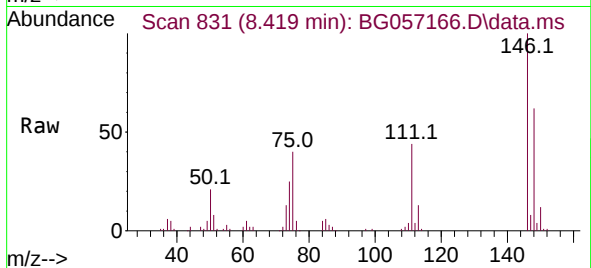
Tgt Ion:146 Resp: 58660
Ion Ratio Lower Upper
146 100
148 65.3 55.4 83.2
75 37.2 28.2 42.4





#13
1,4-Dichlorobenzene
Concen: 47.925 ng
RT: 8.419 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

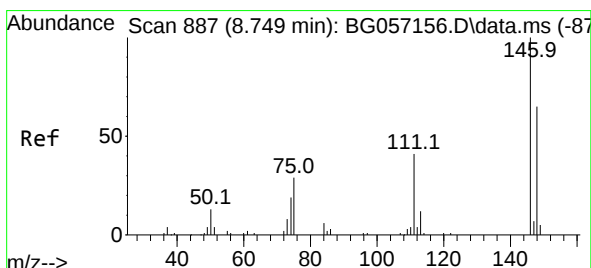
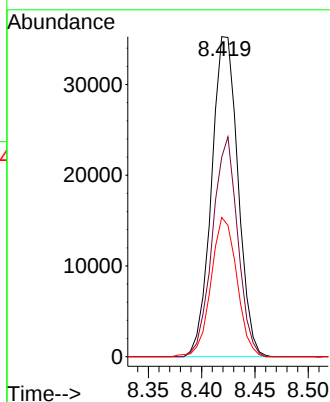
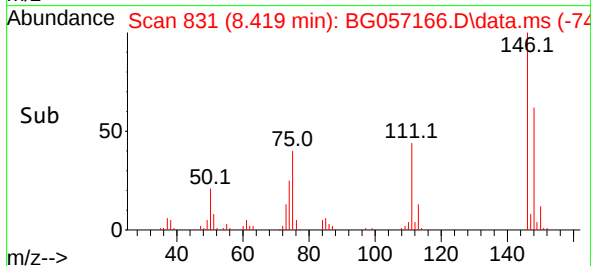
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



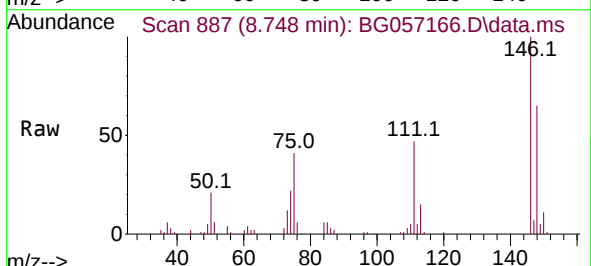
Tgt Ion:146 Resp: 6093
Ion Ratio Lower Upper
146 100
148 62.4 54.3 81.5
111 43.5 34.2 51.4

Manual Integrations
APPROVED

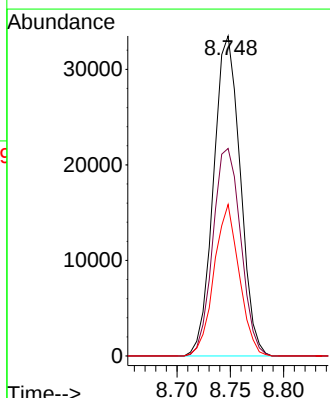
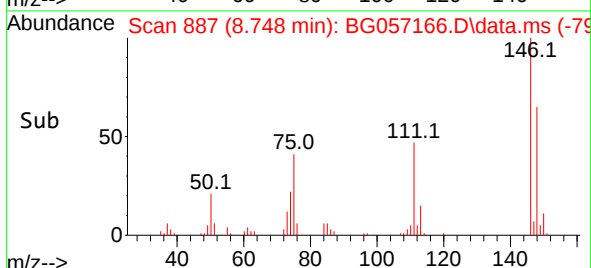
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

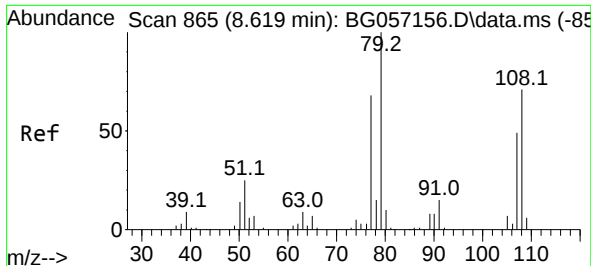


#14
1,2-Dichlorobenzene
Concen: 47.552 ng
RT: 8.748 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



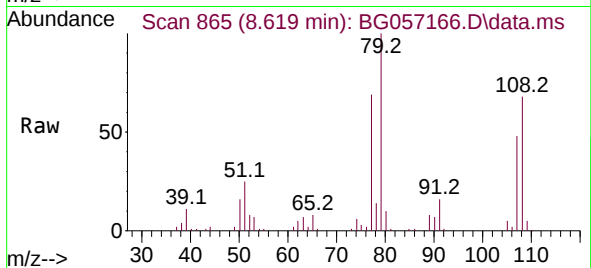
Tgt Ion:146 Resp: 58372
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
111 47.4 33.1 49.7





#15
Benzyl Alcohol
Concen: 57.165 ng
RT: 8.619 min Scan# 865
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

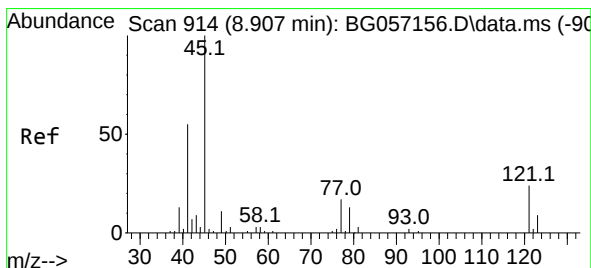
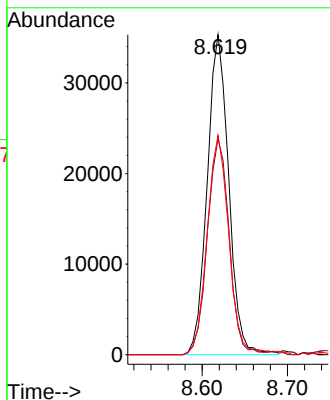
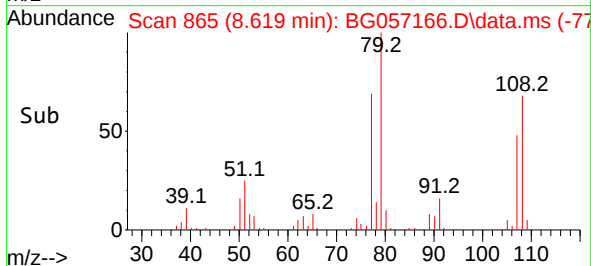
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



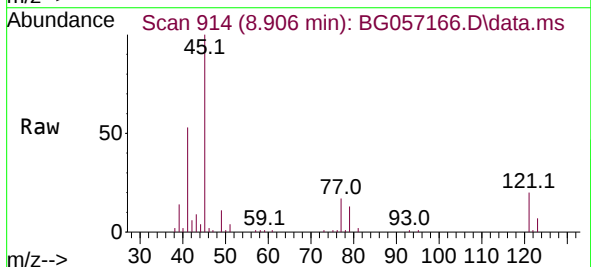
Tgt Ion: 79 Resp: 61958
Ion Ratio Lower Upper
79 100
108 67.5 56.8 85.2
77 68.5 54.2 81.2

Manual Integrations
APPROVED

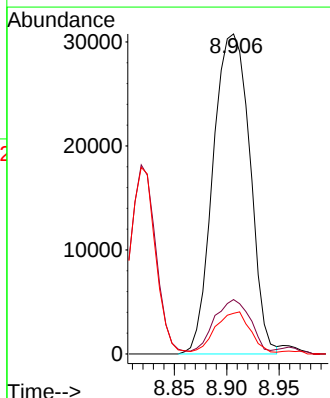
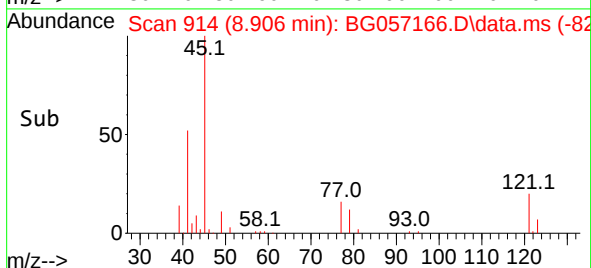
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

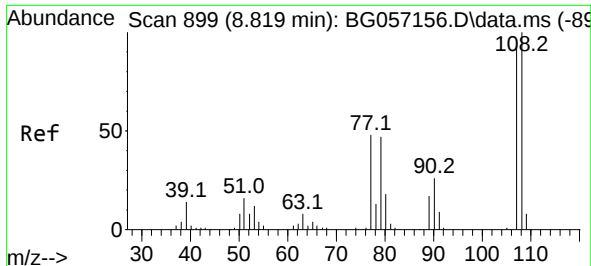


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.612 ng m
RT: 8.906 min Scan# 914
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion: 45 Resp: 75172
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.7
79 12.7 0.0 34.9





#17

2-Methylphenol

Concen: 51.364 ng

RT: 8.818 min Scan# 899

Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

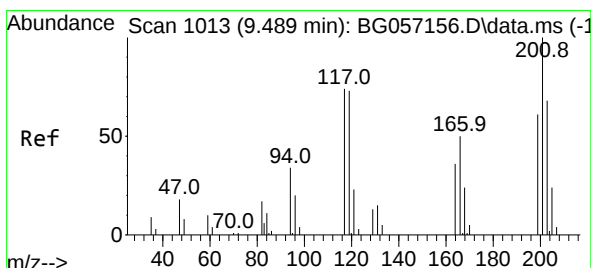
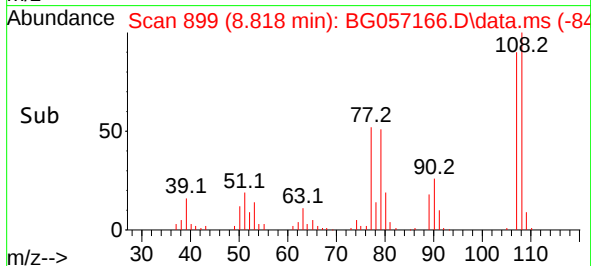
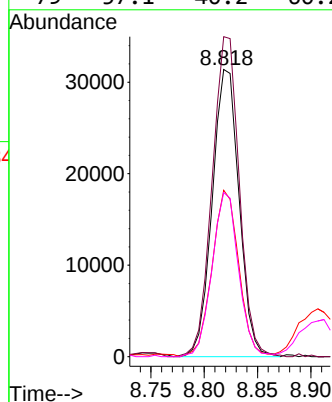
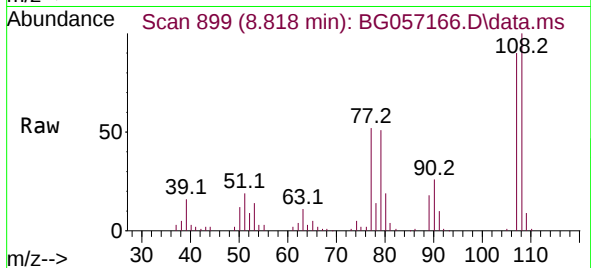
PB152297BSD

Tgt Ion:	107	Resp:	54894
Ion Ratio	Lower	Upper	
107	100		
108	111.4	86.2	129.4
77	57.9	41.8	62.8
79	57.1	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#18

Hexachloroethane

Concen: 49.813 ng

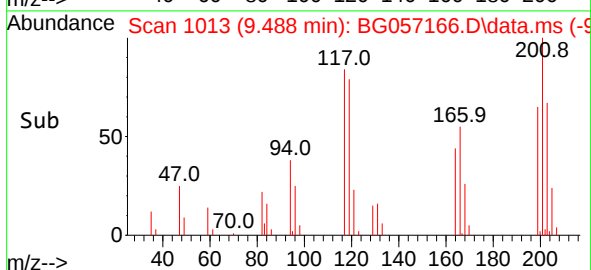
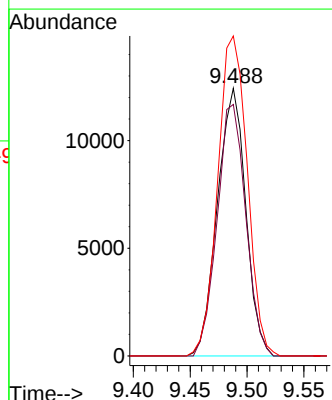
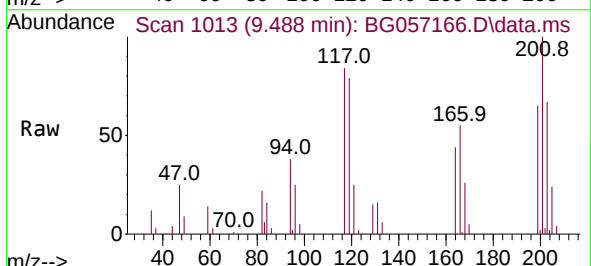
RT: 9.488 min Scan# 1013

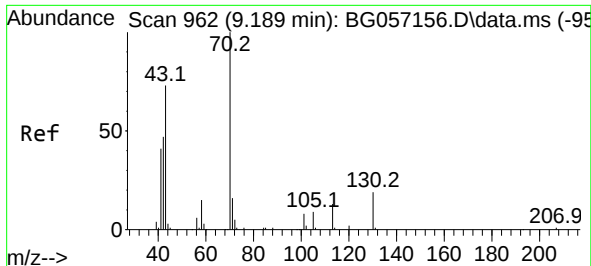
Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

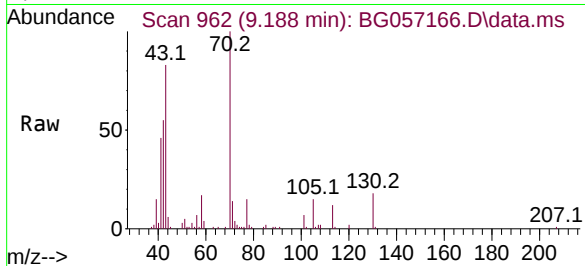
Tgt Ion:	117	Resp:	21485
Ion Ratio	Lower	Upper	
117	100		
119	93.9	78.3	117.5
201	119.5	107.6	161.4





#19
n-Nitroso-di-n-propylamine
Concen: 58.334 ng
RT: 9.188 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

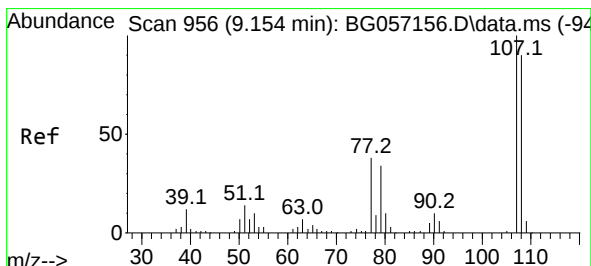
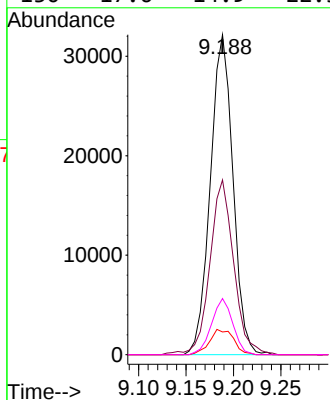
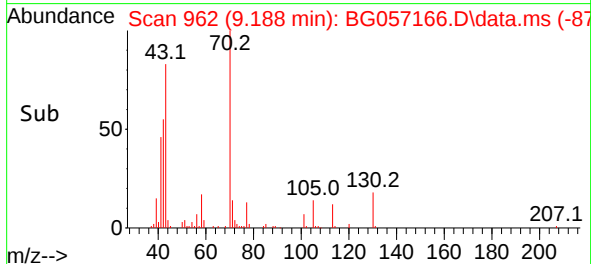
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion: 70 Resp: 5336
Ion Ratio Lower Upper
70 100
42 54.6 38.0 57.0
101 7.1 6.6 9.8
130 17.6 14.9 22.3

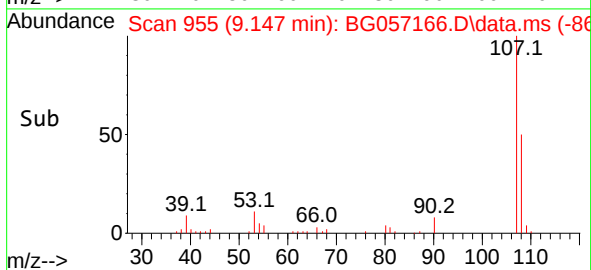
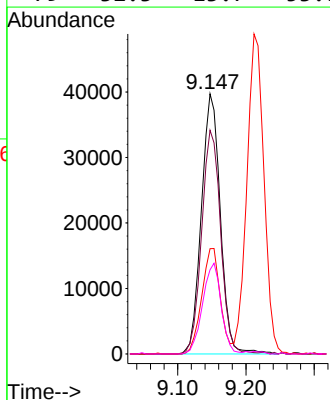
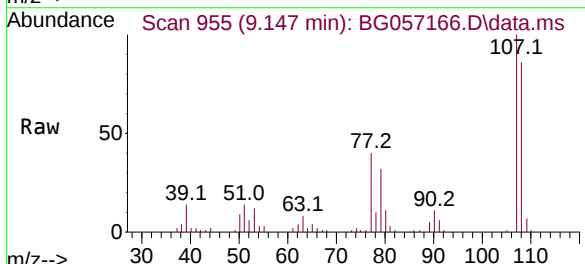
Manual Integrations
APPROVED

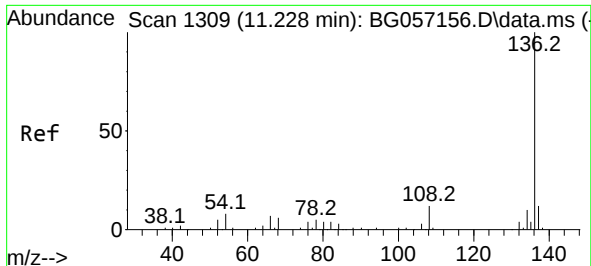
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#20
3+4-Methylphenols
Concen: 52.420 ng
RT: 9.147 min Scan# 955
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:107 Resp: 76668
Ion Ratio Lower Upper
107 100
108 86.0 70.2 110.2
77 40.5 17.8 57.8
79 32.3 13.7 53.7





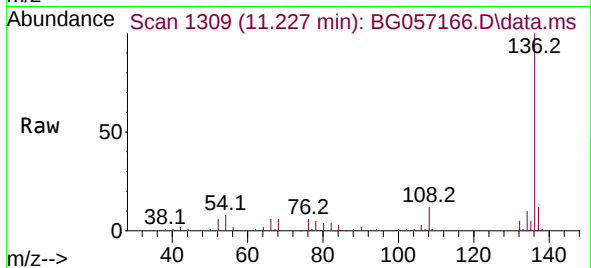
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.227 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

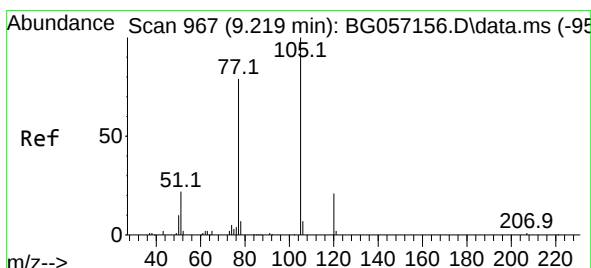
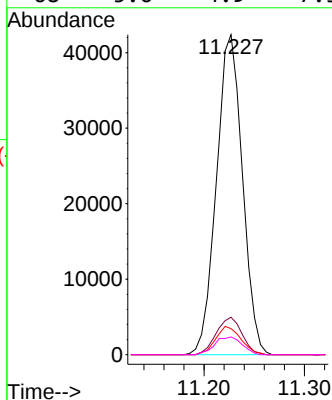
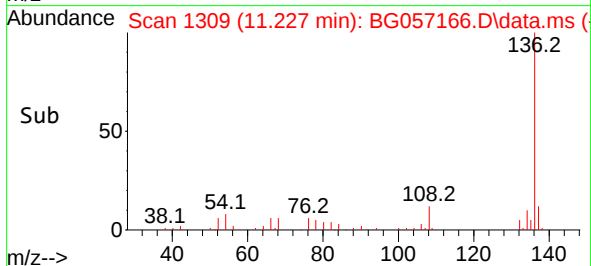


Tgt Ion:136 Resp: 7610
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 8.2 6.4 9.6
68 5.6 4.9 7.3

Manual Integrations

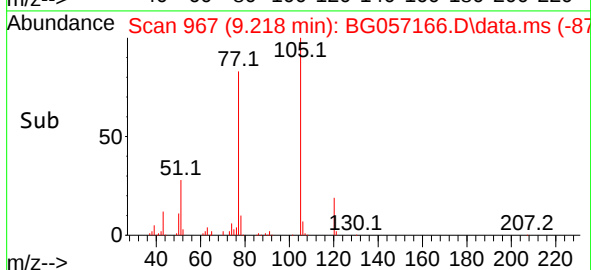
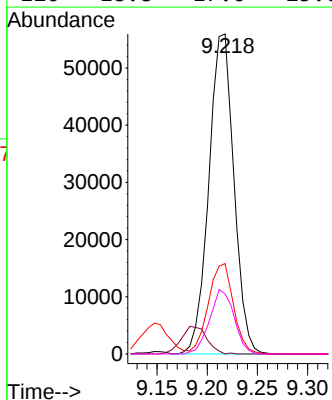
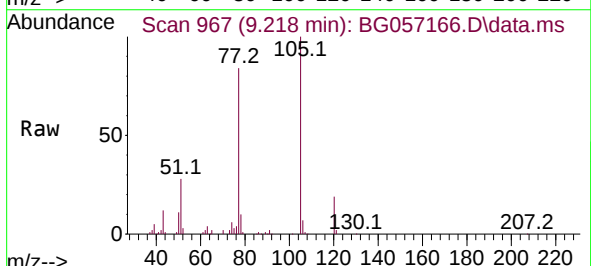
APPROVED

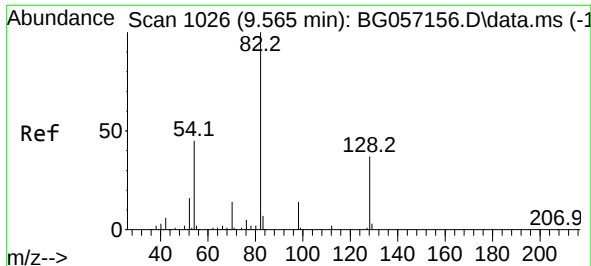
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#22
Acetophenone
Concen: 47.126 ng
RT: 9.218 min Scan# 967
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:105 Resp: 97289
Ion Ratio Lower Upper
105 100
71 0.0 0.2 0.4#
51 28.3 19.4 29.0
120 18.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 99.454 ng

RT: 9.564 min Scan# 1026

Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

Tgt Ion: 82 Resp: 153090

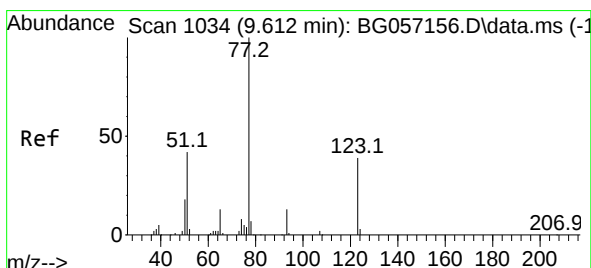
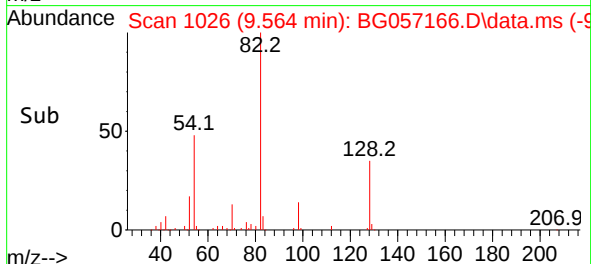
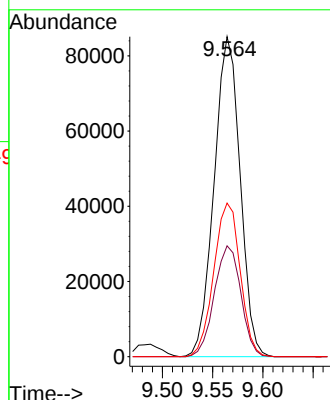
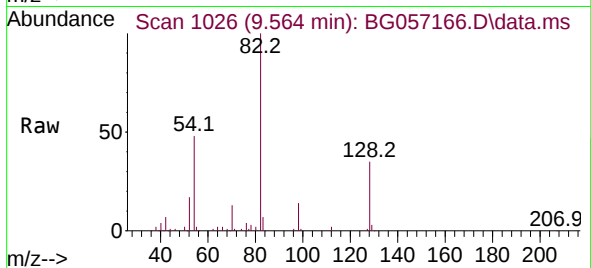
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.4	44.2
54	48.0	36.2	54.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#24

Nitrobenzene

Concen: 50.881 ng

RT: 9.605 min Scan# 1033

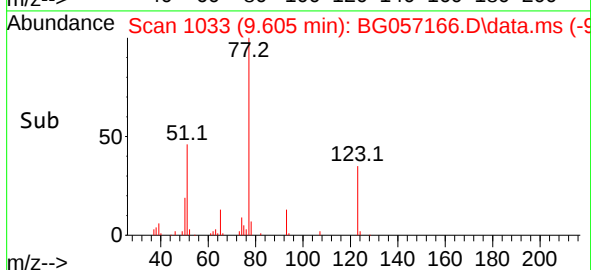
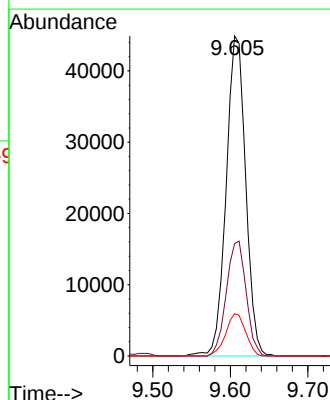
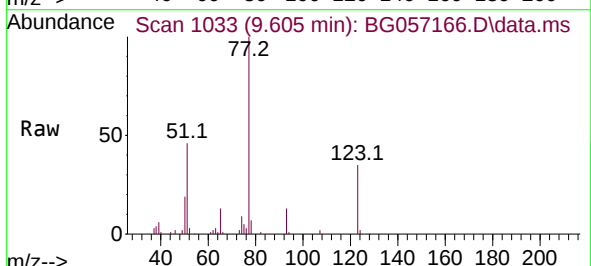
Delta R.T. -0.007 min

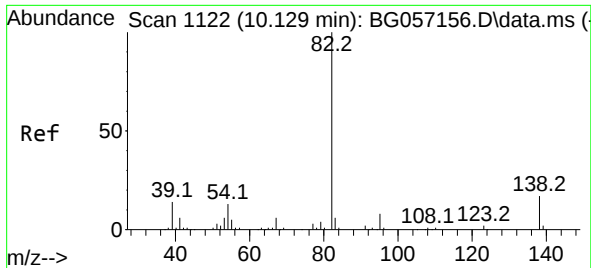
Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Tgt Ion: 77 Resp: 78640

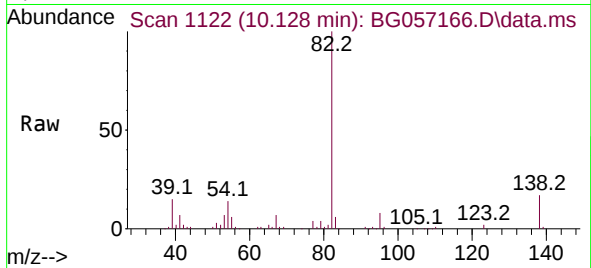
Ion	Ratio	Lower	Upper
77	100		
123	35.1	31.3	46.9
65	13.2	10.5	15.7





#25
Isophorone
Concen: 49.114 ng
RT: 10.128 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

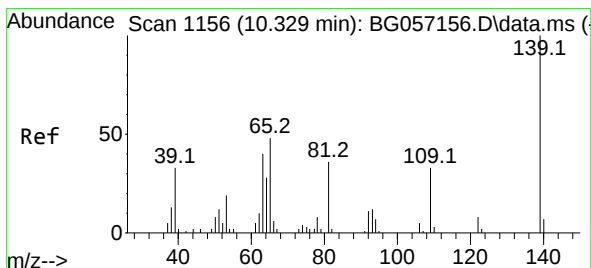
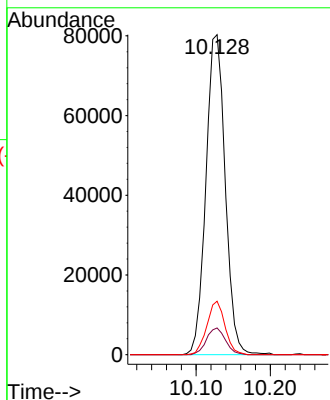
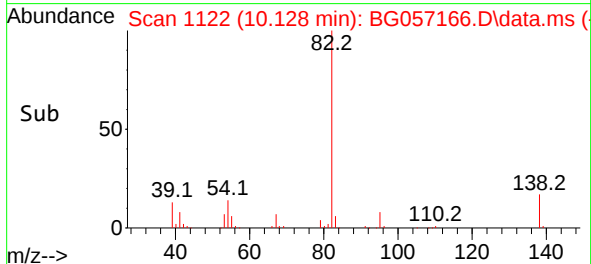
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



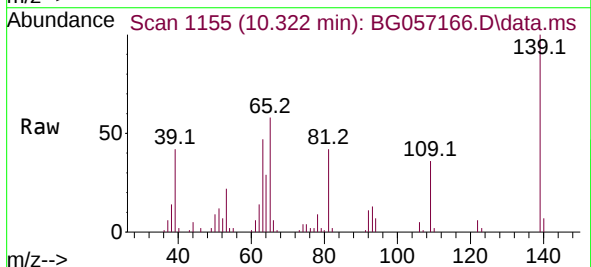
Tgt Ion: 82 Resp: 145018
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.2
138 16.7 13.4 20.0

Manual Integrations
APPROVED

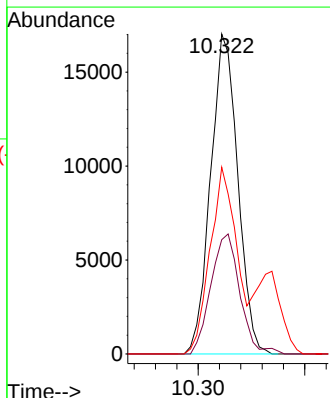
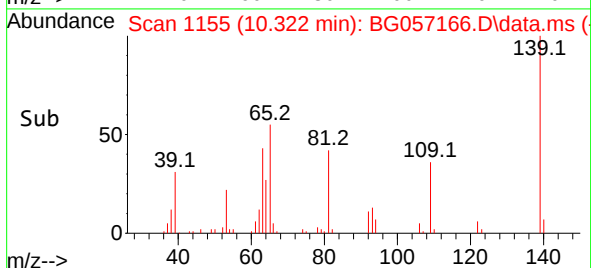
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

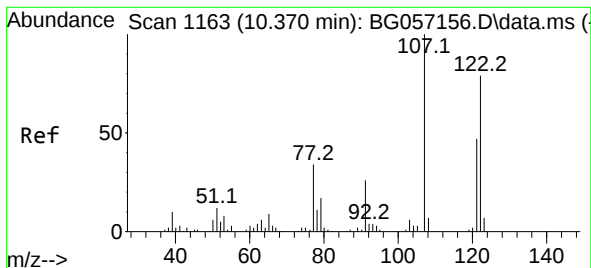


#26
2-Nitrophenol
Concen: 52.070 ng
RT: 10.322 min Scan# 1155
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:139 Resp: 30066
Ion Ratio Lower Upper
139 100
109 35.7 26.6 39.8
65 58.4 38.6 58.0#





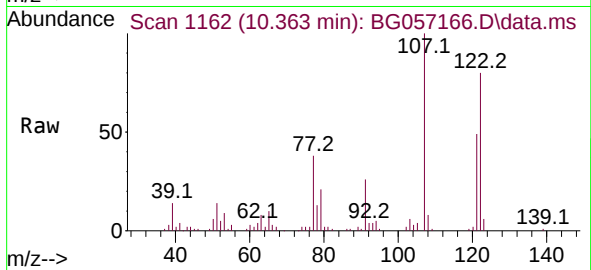
#27
2,4-Dimethylphenol
Concen: 53.257 ng
RT: 10.363 min Scan# 1163
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

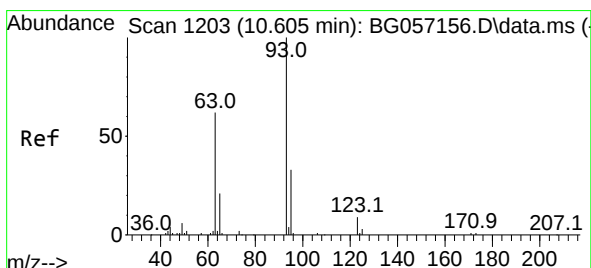
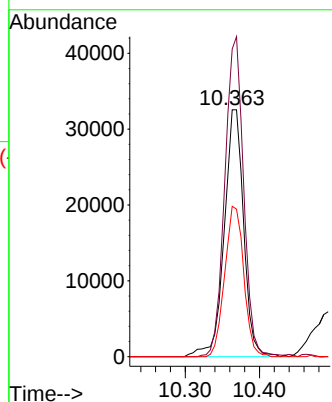
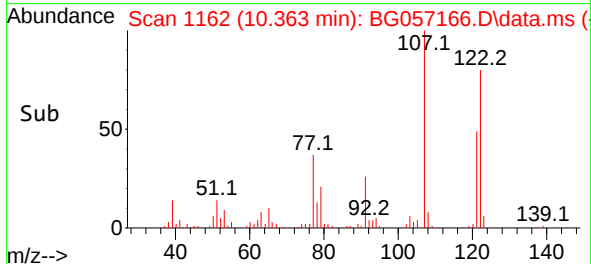


Tgt Ion:122 Resp: 59104
Ion Ratio Lower Upper
122 100
107 124.6 101.5 152.3
121 60.9 48.0 72.0

Manual Integrations

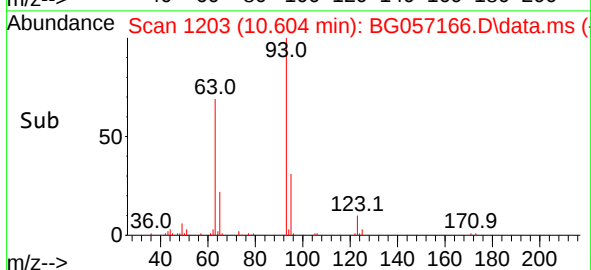
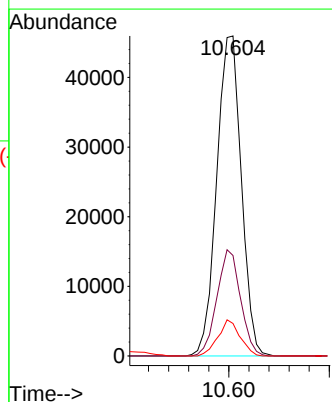
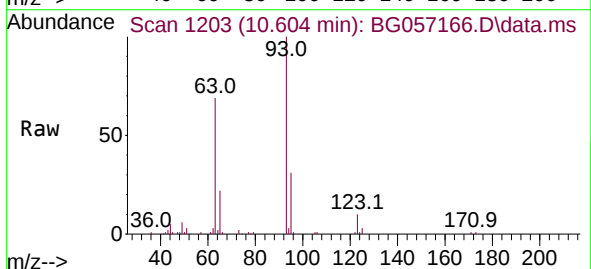
APPROVED

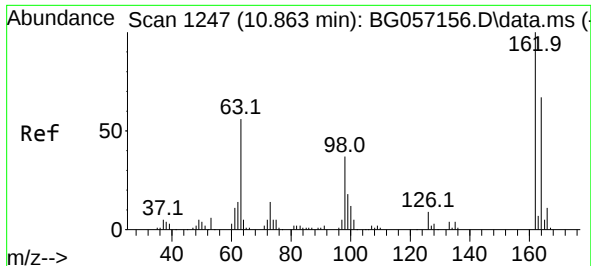
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 50.417 ng
RT: 10.604 min Scan# 1203
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion: 93 Resp: 78036
Ion Ratio Lower Upper
93 100
95 31.4 26.5 39.7
123 10.1 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 50.160 ng

RT: 10.863 min Scan# 1247

Delta R.T. -0.001 min

Lab File: BG057166.D

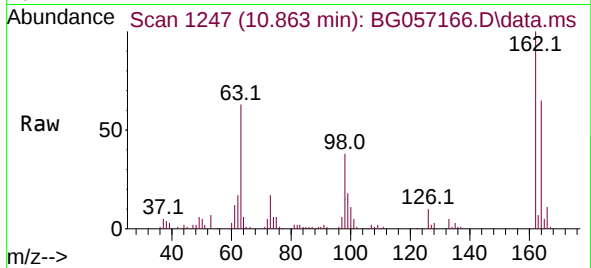
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD



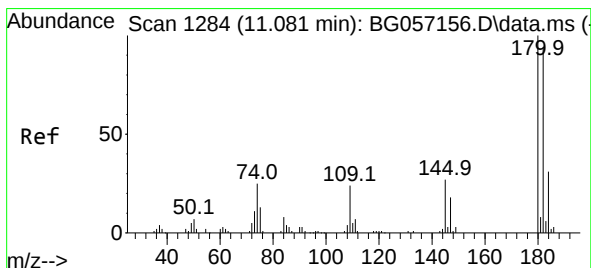
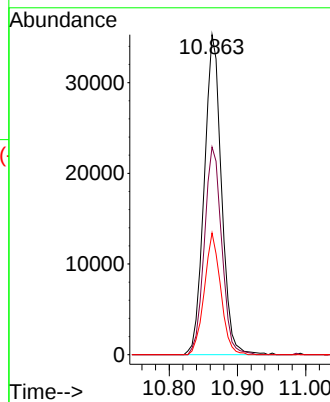
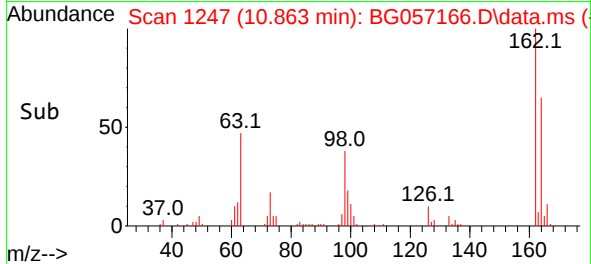
Tgt Ion:	162	Resp:	6201
Ion Ratio	Lower	Upper	
162	100		
164	64.9	47.2	87.2
98	38.1	16.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.962 ng

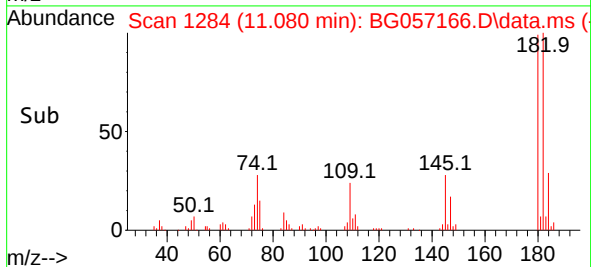
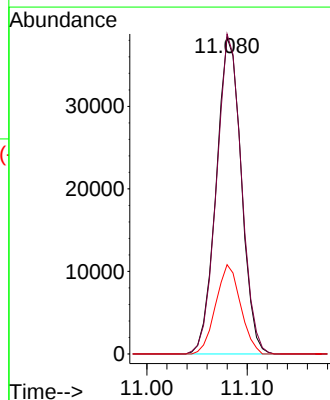
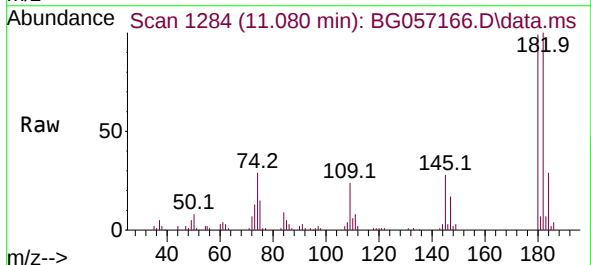
RT: 11.080 min Scan# 1284

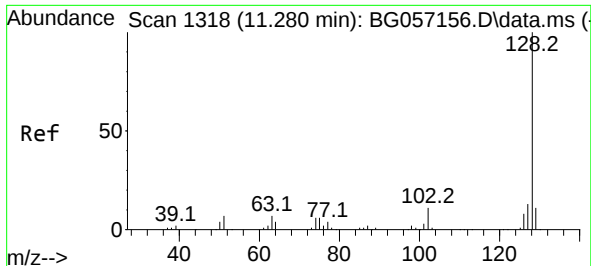
Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

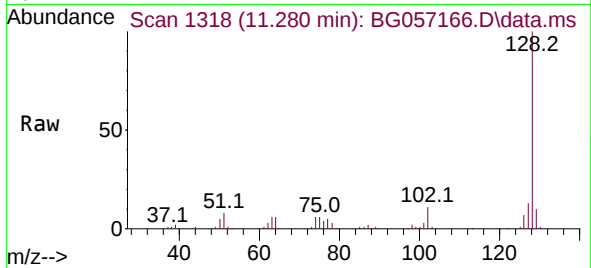
Tgt Ion:	180	Resp:	66460
Ion Ratio	Lower	Upper	
180	100		
182	101.1	75.0	112.6
145	28.2	21.4	32.2





#31
Naphthalene
Concen: 44.697 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

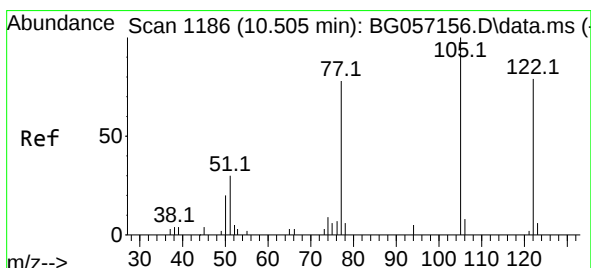
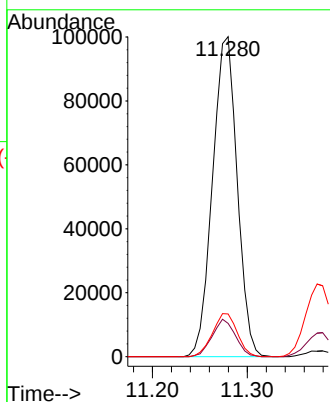
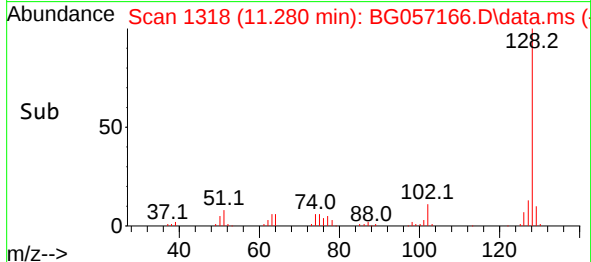
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



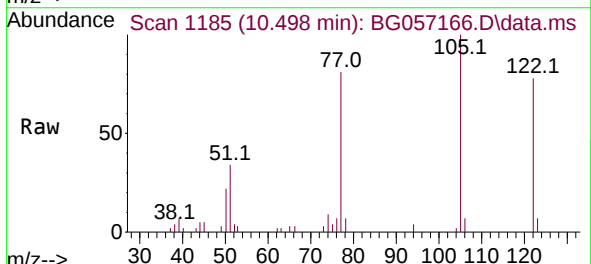
Tgt Ion:128 Resp: 18066
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations
APPROVED

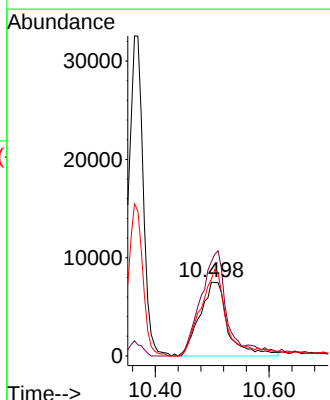
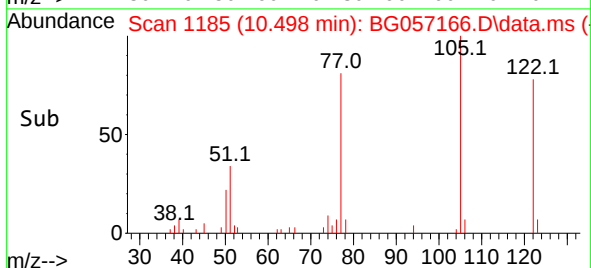
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

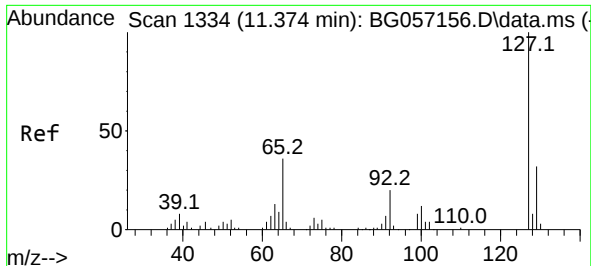


#32
Benzoic acid
Concen: 49.511 ng
RT: 10.498 min Scan# 1185
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



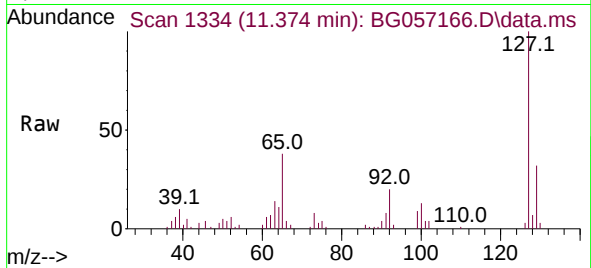
Tgt Ion:122 Resp: 25892
Ion Ratio Lower Upper
122 100
105 127.6 104.3 144.3
77 103.7 79.5 119.5





#33
4-Chloroaniline
Concen: 25.608 ng
RT: 11.374 min Scan# 1334
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

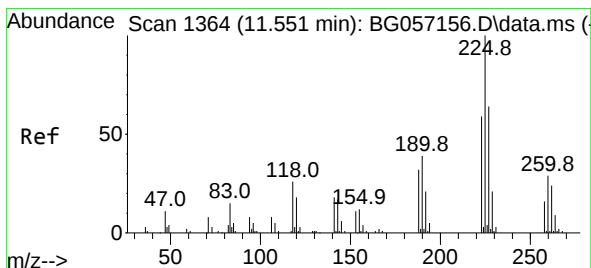
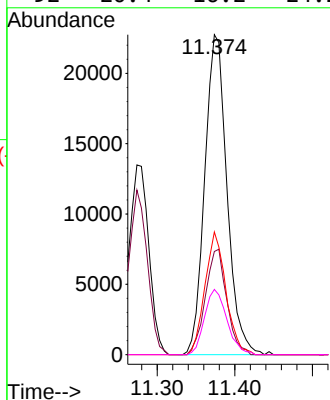
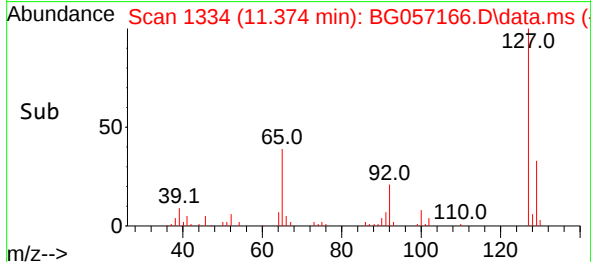
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



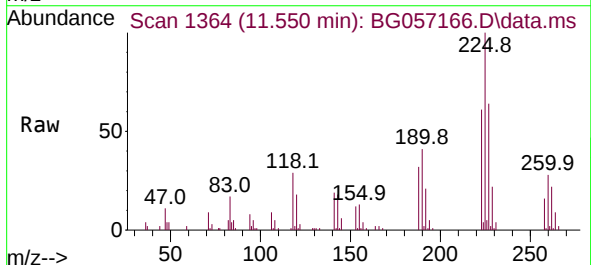
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	38.4	28.6	42.8
92	20.4	16.2	24.2

Manual Integrations
APPROVED

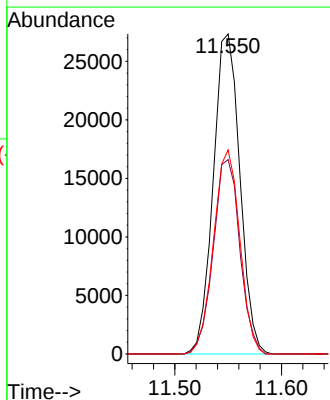
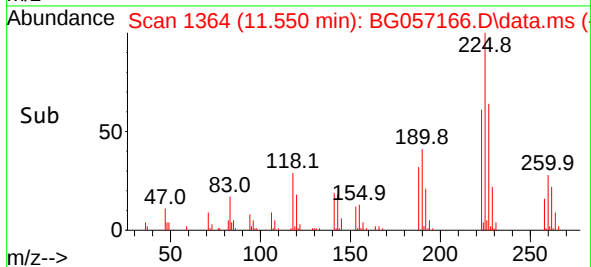
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

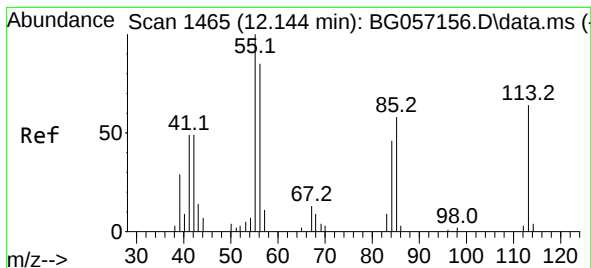


#34
Hexachlorobutadiene
Concen: 42.508 ng
RT: 11.550 min Scan# 1364
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



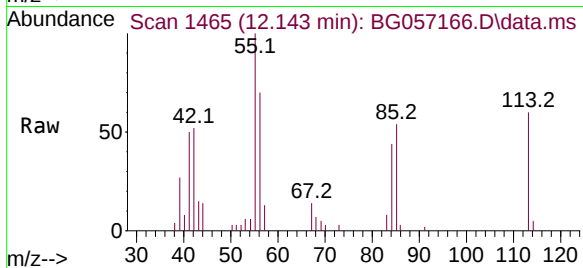
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.4	71.0
227	63.8	51.1	76.7





#35
 Caprolactam
 Concen: 55.979 ng m
 RT: 12.143 min Scan# 1465
 Delta R.T. -0.001 min
 Lab File: BG057166.D
 Acq: 25 Apr 2023 00:53

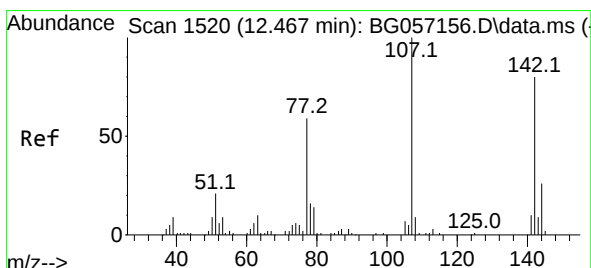
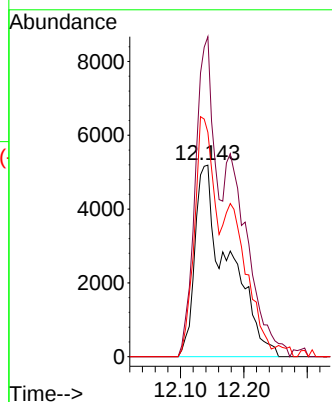
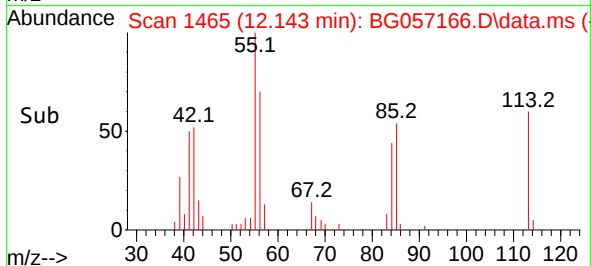
Instrument :
 BNA_G
 ClientSampleId :
 PB152297BSD



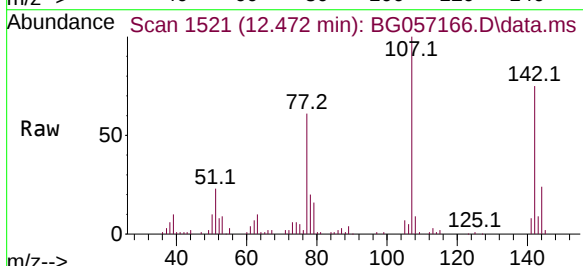
Tgt Ion:113 Resp: 1916
 Ion Ratio Lower Upper
 113 100
 55 167.0 135.8 175.8
 56 117.1 111.8 151.8

Manual Integrations
 APPROVED

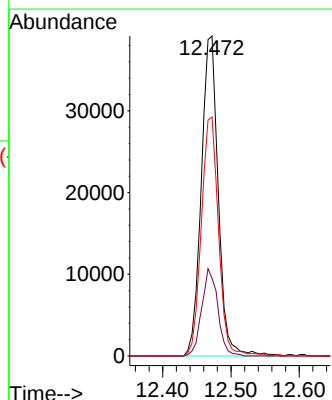
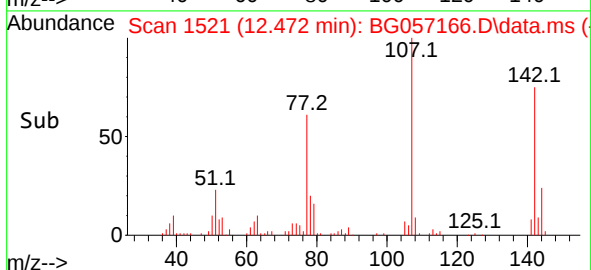
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

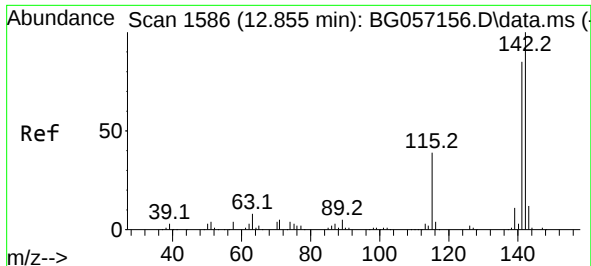


#36
 4-Chloro-3-methylphenol
 Concen: 51.090 ng
 RT: 12.472 min Scan# 1521
 Delta R.T. 0.005 min
 Lab File: BG057166.D
 Acq: 25 Apr 2023 00:53



Tgt Ion:107 Resp: 67947
 Ion Ratio Lower Upper
 107 100
 144 24.3 21.0 31.6
 142 74.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 42.888 ng
RT: 12.854 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

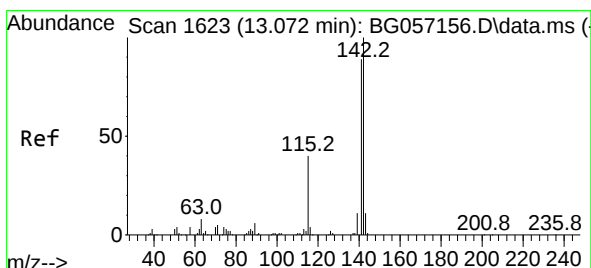
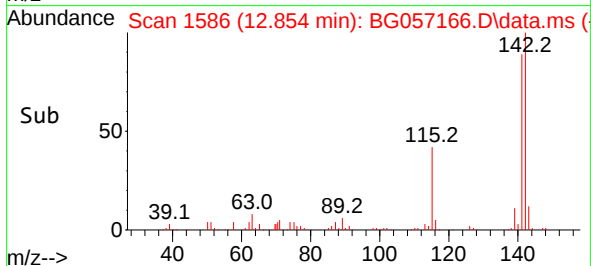
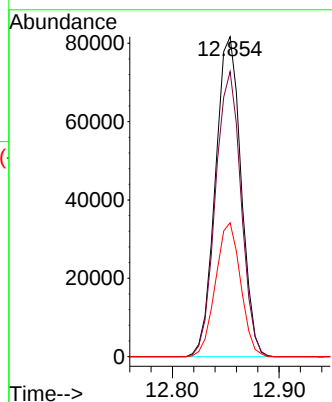
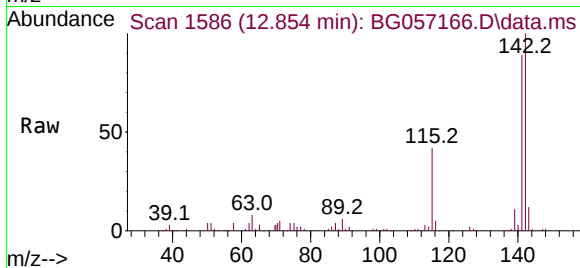
PB152297BSD

Tgt Ion:142 Resp: 136419
Ion Ratio Lower Upper
142 100
141 89.1 68.1 102.1
115 41.9 31.0 46.4

Manual Integrations

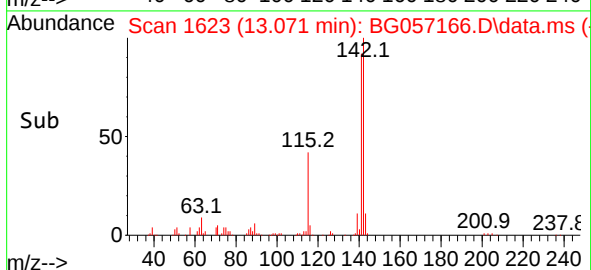
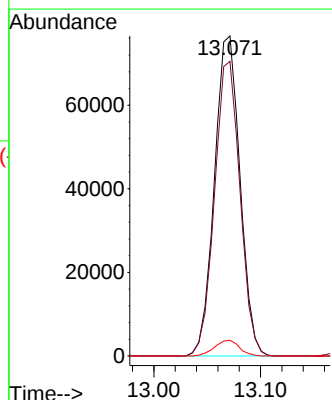
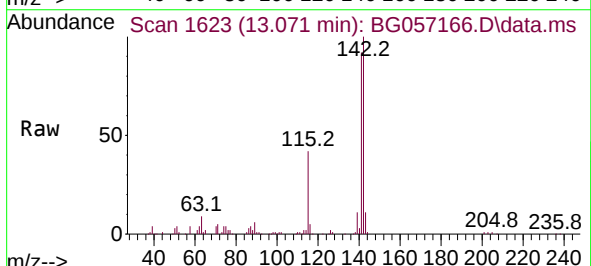
APPROVED

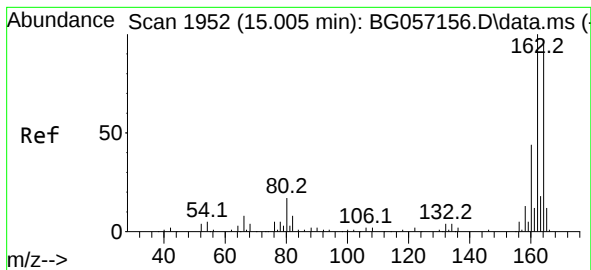
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#38
1-Methylnaphthalene
Concen: 43.361 ng
RT: 13.071 min Scan# 1623
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:142 Resp: 127337
Ion Ratio Lower Upper
142 100
141 92.1 71.6 107.4
116 4.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.998 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BG057166.D

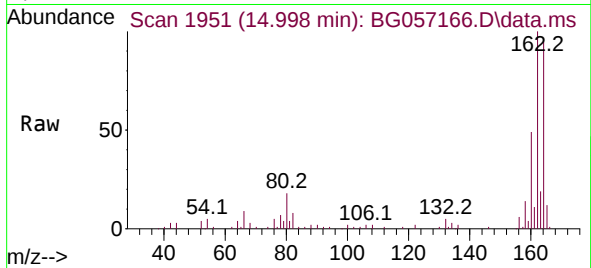
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD



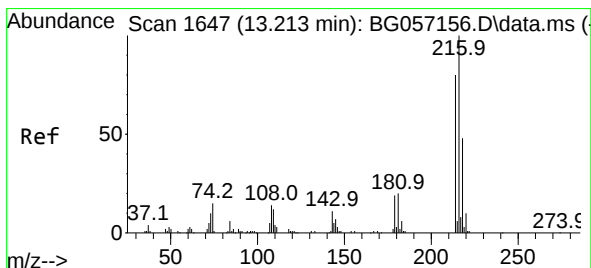
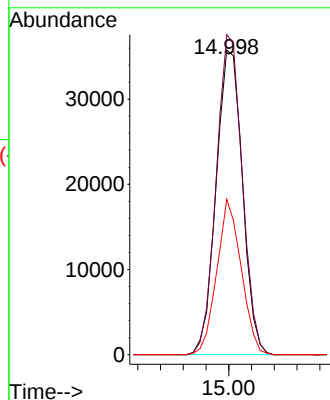
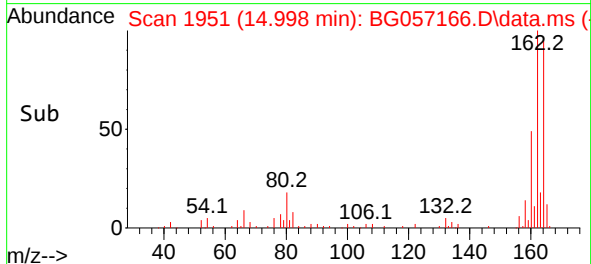
Tgt Ion:164	Resp:	5749
Ion Ratio	Lower	Upper
164	100	
162	105.0	82.4 123.6
160	51.0	36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#40

1,2,4,5-Tetrachlorobenzene

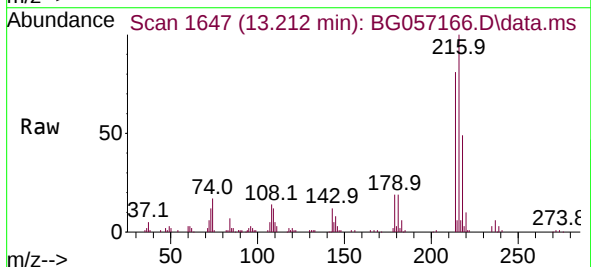
Concen: 42.800 ng

RT: 13.212 min Scan# 1647

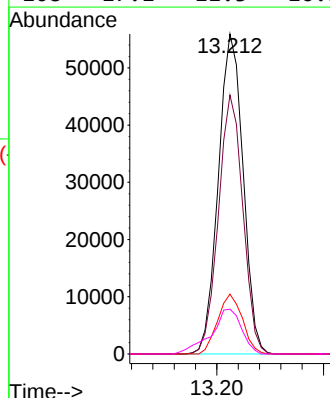
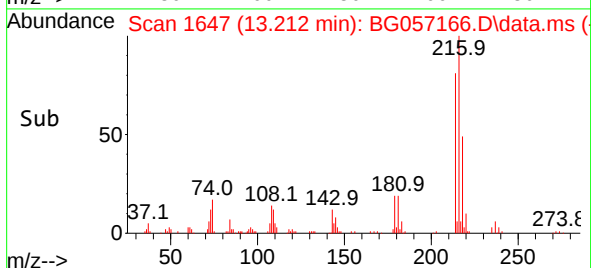
Delta R.T. -0.001 min

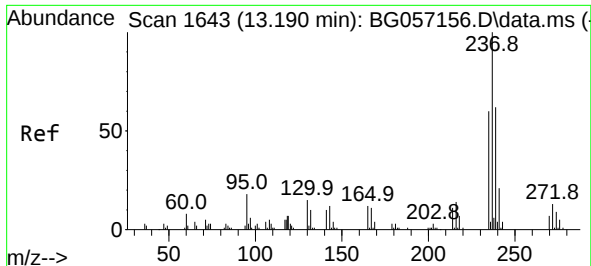
Lab File: BG057166.D

Acq: 25 Apr 2023 00:53



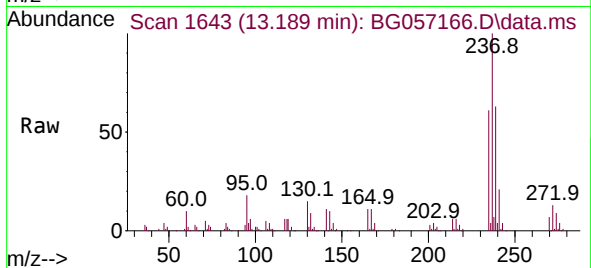
Tgt Ion:216	Resp:	90046
Ion Ratio	Lower	Upper
216	100	
214	79.8	62.3 93.5
179	18.6	14.8 22.2
108	17.1	11.3 16.9





#41
Hexachlorocyclopentadiene
Concen: 107.138 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

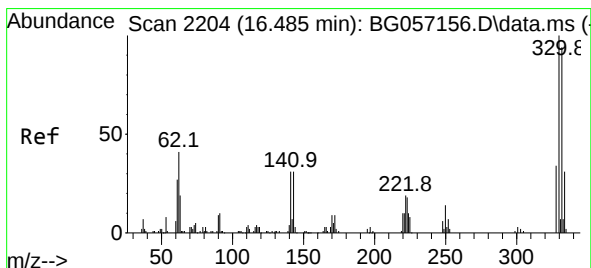
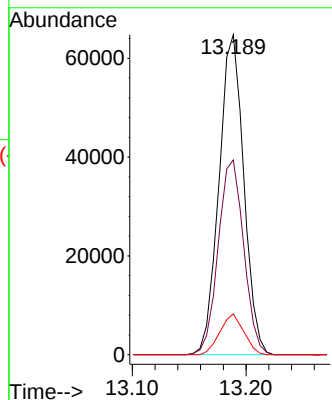
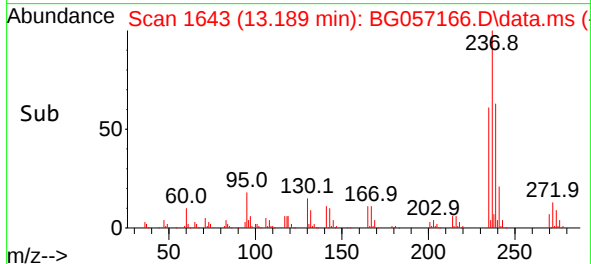
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



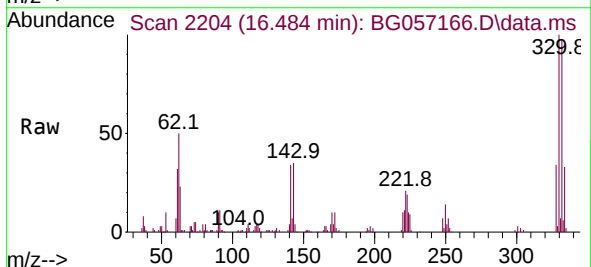
Tgt Ion:237 Resp: 97938
Ion Ratio Lower Upper
237 100
235 60.9 39.7 79.7
272 12.8 0.0 32.6

Manual Integrations
APPROVED

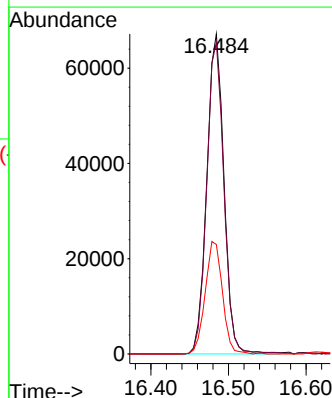
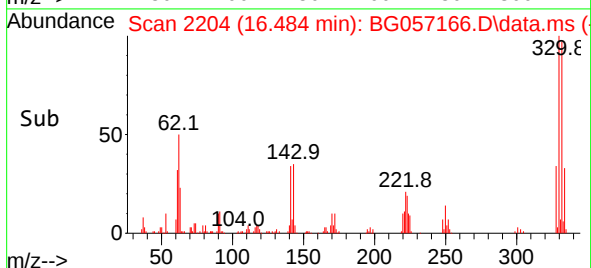
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

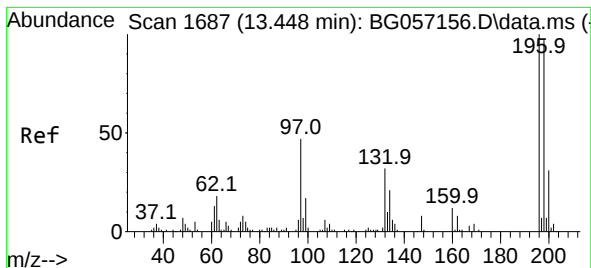


#42
2,4,6-Tribromophenol
Concen: 136.199 ng
RT: 16.484 min Scan# 2204
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:330 Resp: 103324
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 35.3 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 49.964 ng

RT: 13.441 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

Tgt Ion:196 Resp: 5690

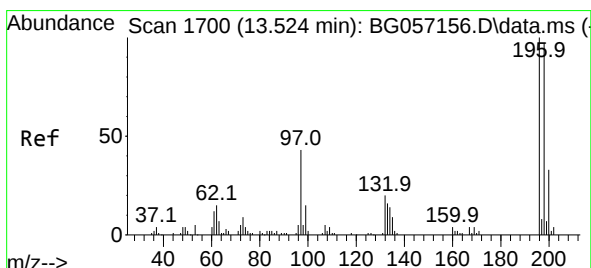
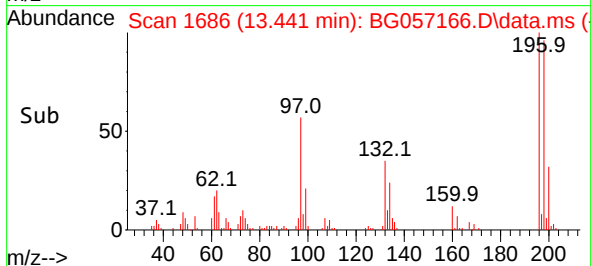
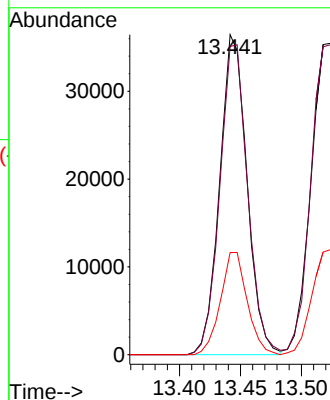
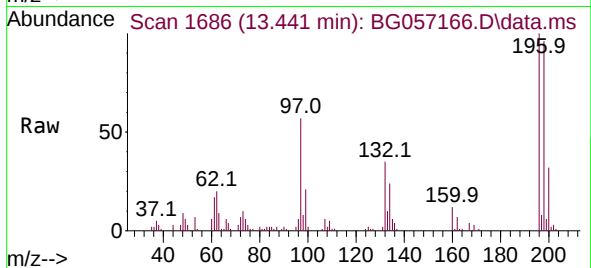
Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.5	116.3
200	31.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#44

2,4,5-Trichlorophenol

Concen: 44.078 ng

RT: 13.524 min Scan# 1700

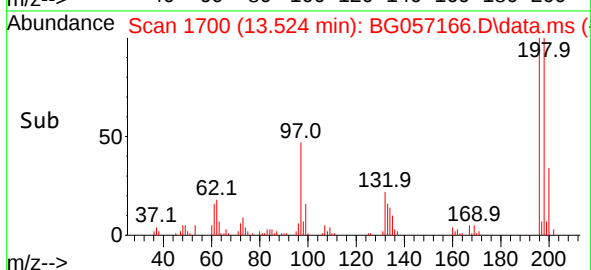
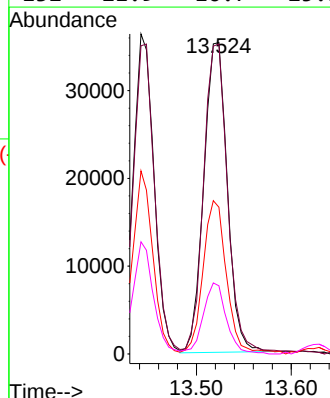
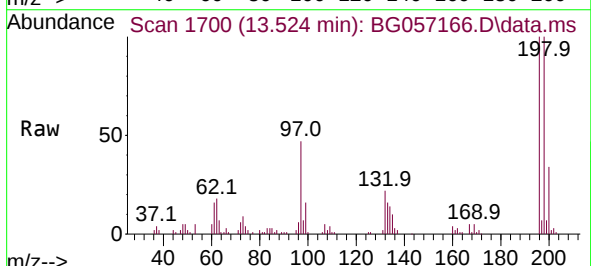
Delta R.T. -0.001 min

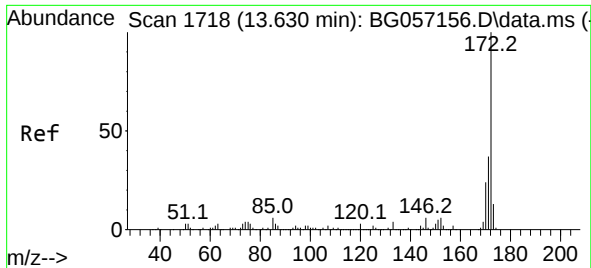
Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Tgt Ion:196 Resp: 60610

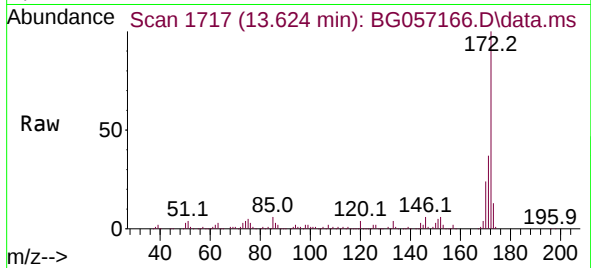
Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.4	117.6
97	47.1	34.6	51.8
132	21.9	16.7	25.1





#45
2-Fluorobiphenyl
Concen: 86.598 ng
RT: 13.624 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

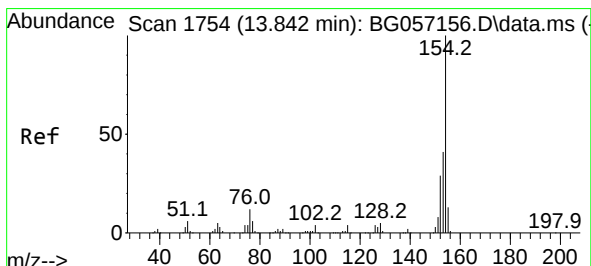
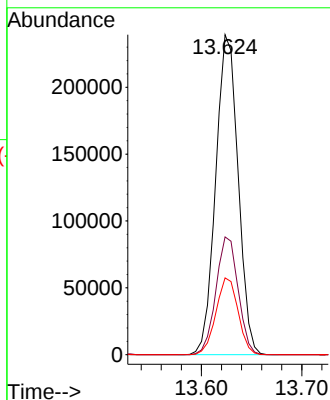
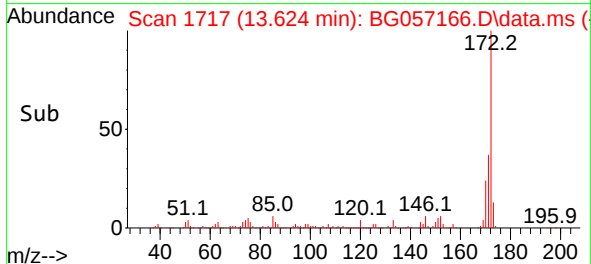
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



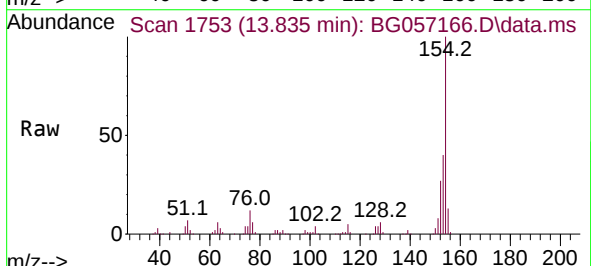
Tgt Ion:172 Resp: 370498
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.0 19.4 29.2

Manual Integrations
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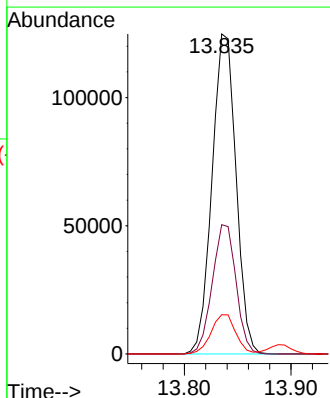
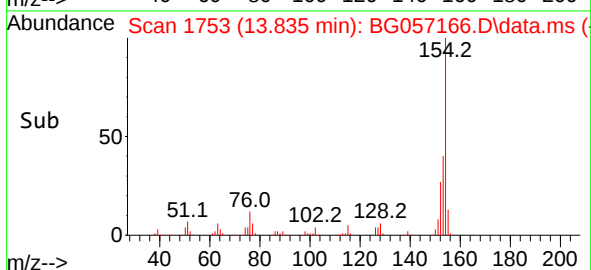
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

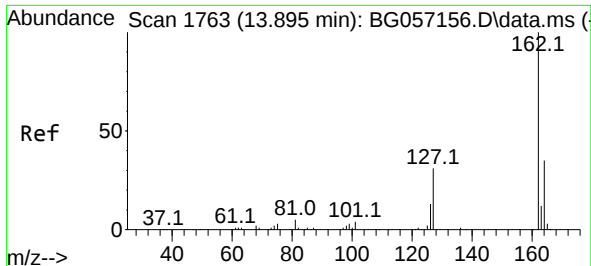


#46
1,1'-Biphenyl
Concen: 45.438 ng
RT: 13.835 min Scan# 1753
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



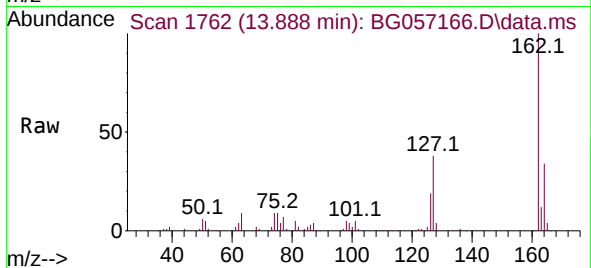
Tgt Ion:154 Resp: 194736
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 12.3 0.0 32.3





#47
2-Chloronaphthalene
Concen: 45.699 ng
RT: 13.888 min Scan# 1762
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

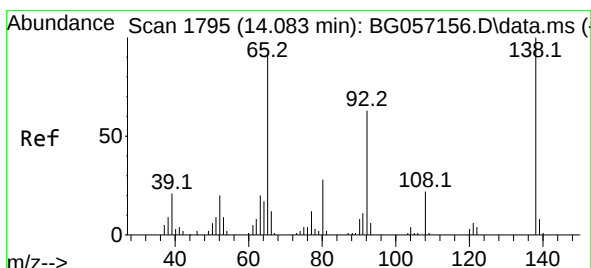
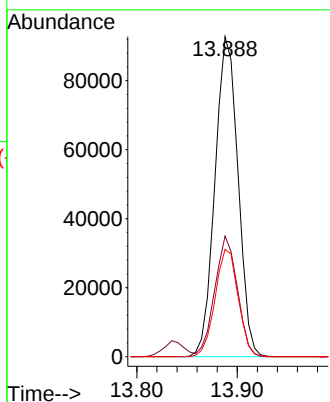
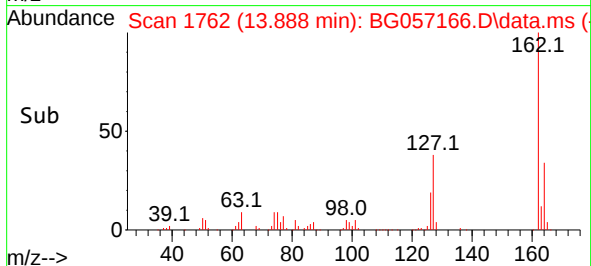
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion: 162 Resp: 147819
Ion Ratio Lower Upper
162 100
127 37.7 28.7 43.1
164 33.6 27.8 41.6

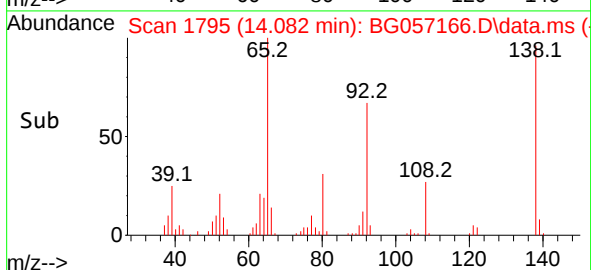
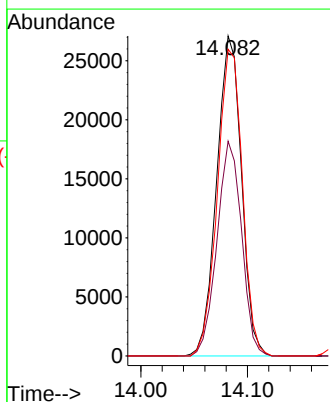
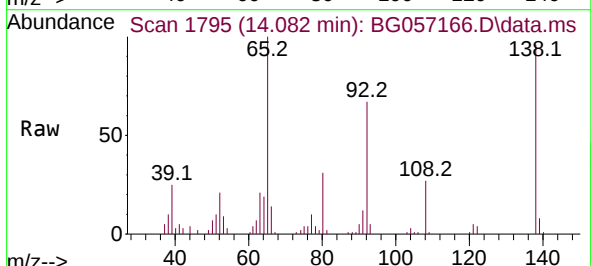
Manual Integrations
APPROVED

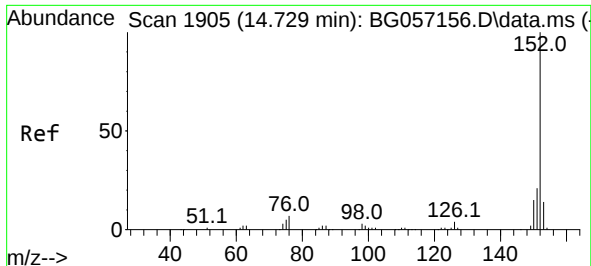
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#48
2-Nitroaniline
Concen: 53.442 ng
RT: 14.082 min Scan# 1795
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

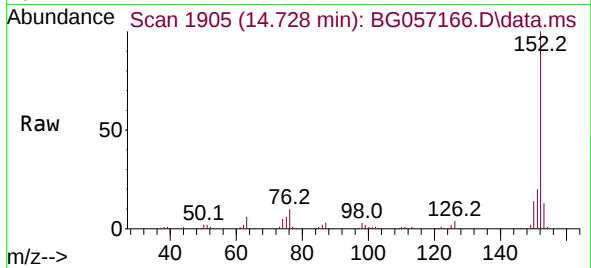
Tgt Ion: 65 Resp: 43665
Ion Ratio Lower Upper
65 100
92 67.1 54.9 82.3
138 95.9 86.6 129.8





#49
Acenaphthylene
Concen: 45.318 ng
RT: 14.728 min Scan# 1905
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

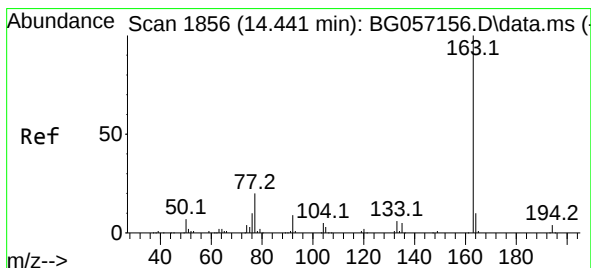
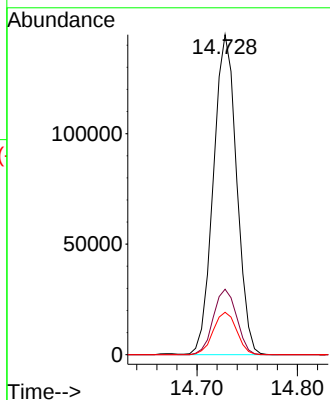
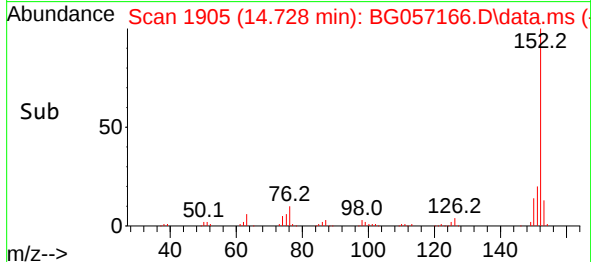
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



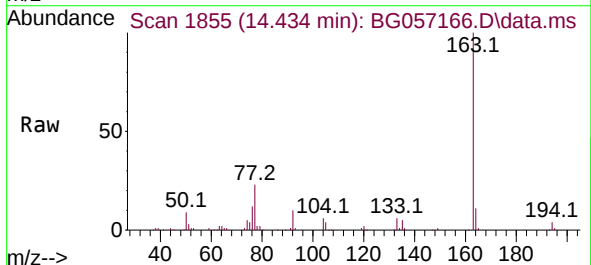
Tgt Ion:152 Resp: 232702
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.2 11.0 16.6

Manual Integrations
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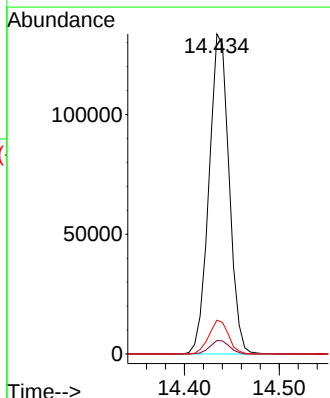
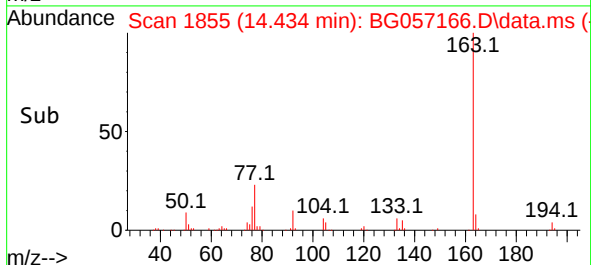
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

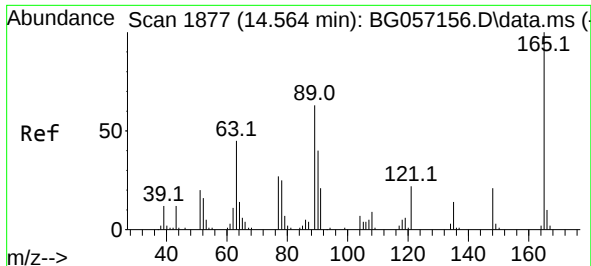


#50
Dimethylphthalate
Concen: 48.638 ng
RT: 14.434 min Scan# 1855
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



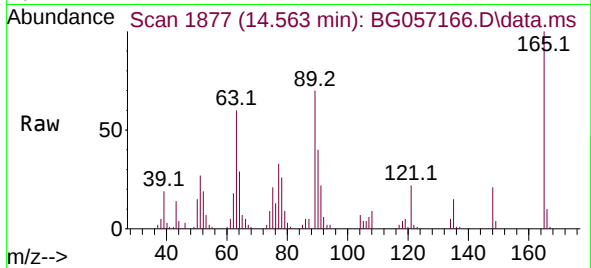
Tgt Ion:163 Resp: 196268
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.6 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.348 ng
RT: 14.563 min Scan# 1877
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

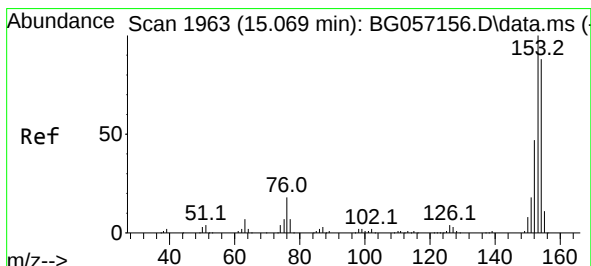
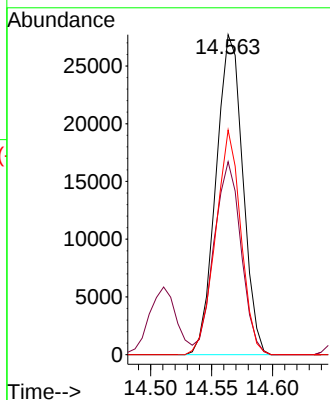
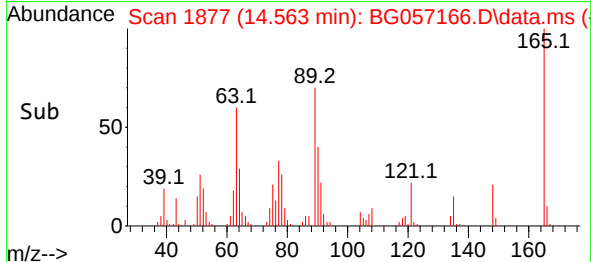
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



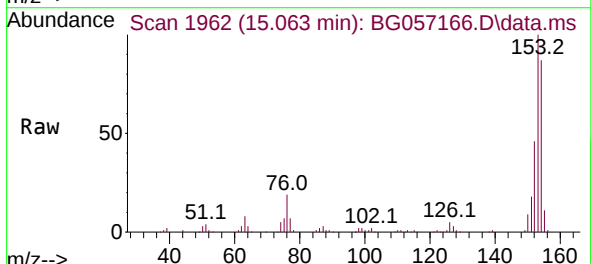
Tgt Ion:165 Resp: 42408
Ion Ratio Lower Upper
165 100
63 60.3 45.5 68.3
89 70.2 50.1 75.1

Manual Integrations
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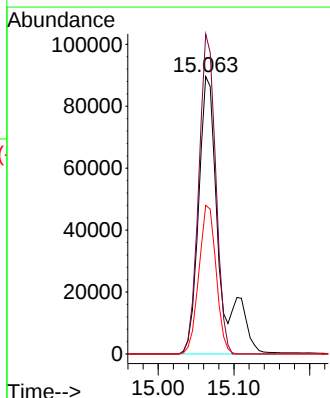
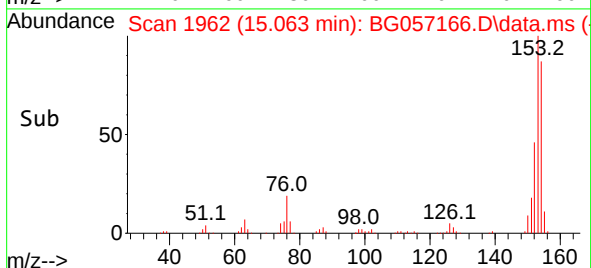
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

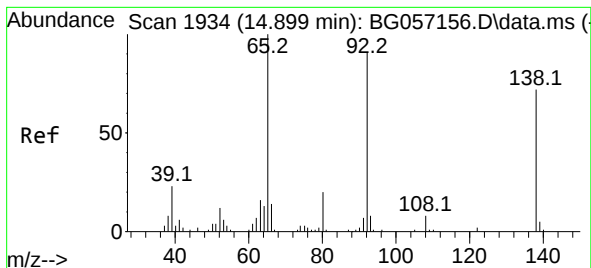


#52
Acenaphthene
Concen: 50.660 ng m
RT: 15.063 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:154 Resp: 169957
Ion Ratio Lower Upper
154 100
153 115.4 91.0 136.4
152 53.6 43.0 64.6





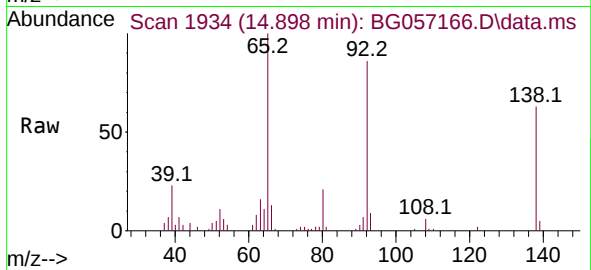
#53
3-Nitroaniline
Concen: 30.685 ng
RT: 14.898 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

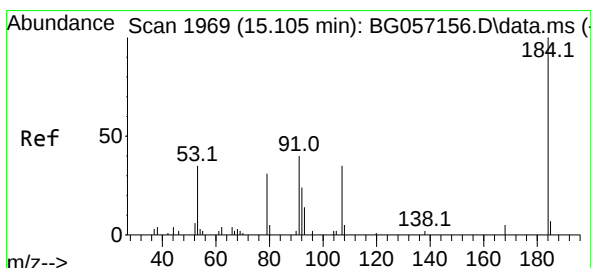
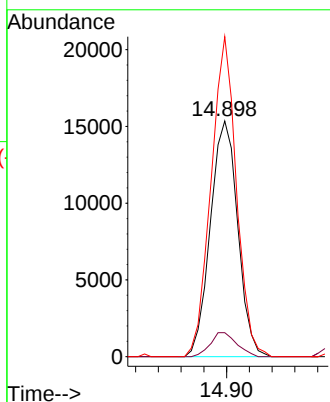
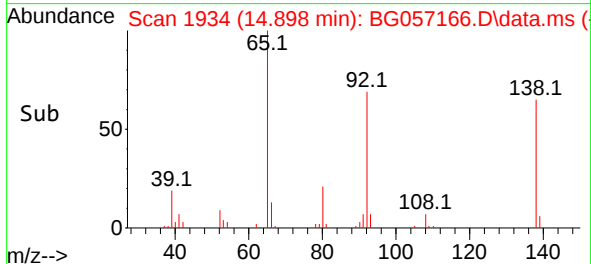


Tgt Ion:138 Resp: 2566
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 135.7 101.4 152.2

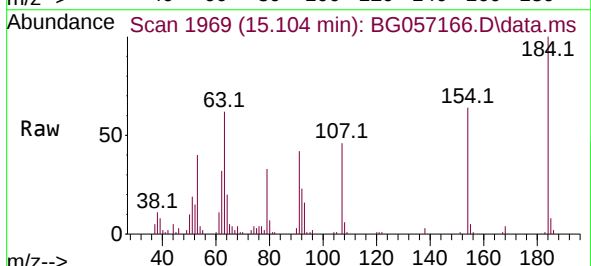
Manual Integrations

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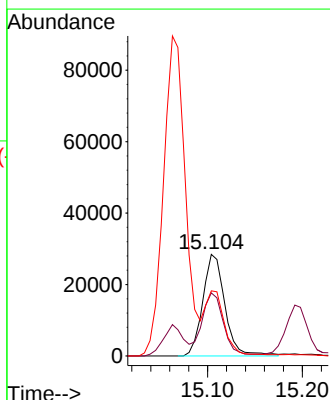
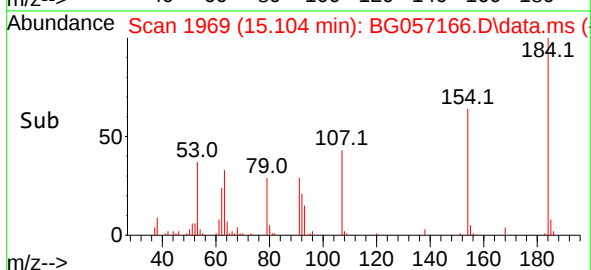
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

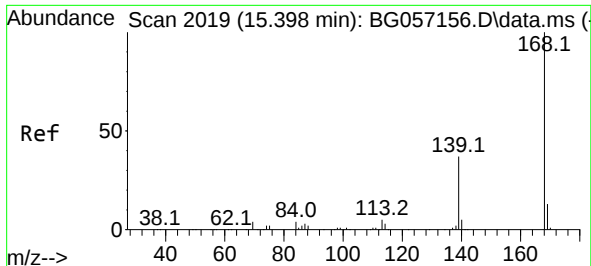


#54
2,4-Dinitrophenol
Concen: 95.552 ng
RT: 15.104 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



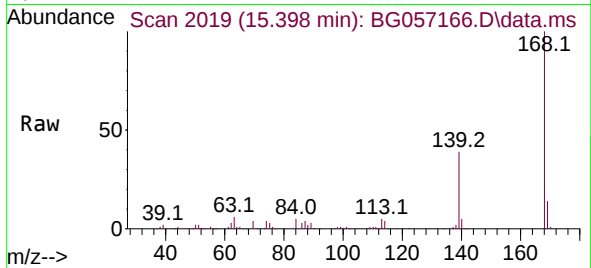
Tgt Ion:184 Resp: 46272
Ion Ratio Lower Upper
184 100
63 62.1 43.4 65.0
154 64.1 45.2 67.8





#55
Dibenzenofuran
Concen: 43.841 ng
RT: 15.398 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

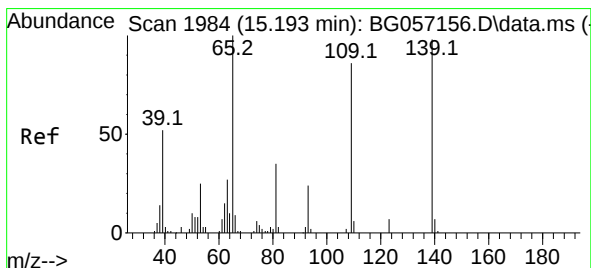
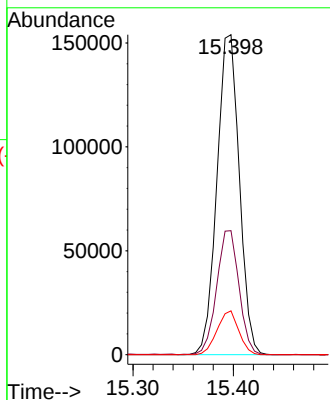
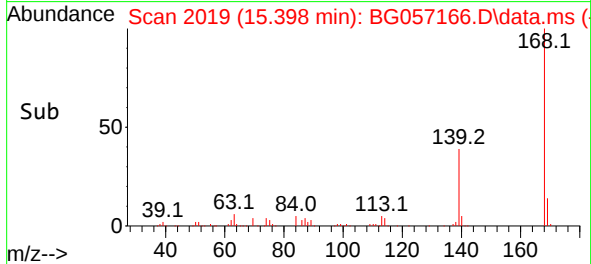
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion:168 Resp: 238312
Ion Ratio Lower Upper
168 100
139 38.8 29.2 43.8
169 13.7 10.6 15.8

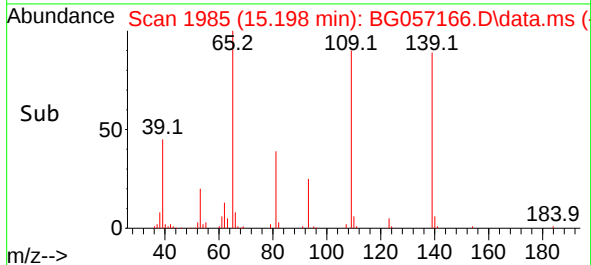
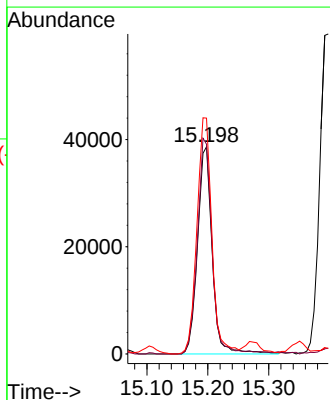
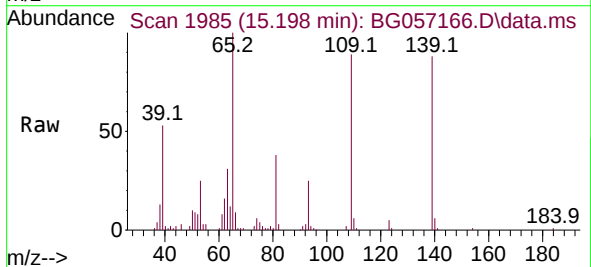
Manual Integrations
APPROVED

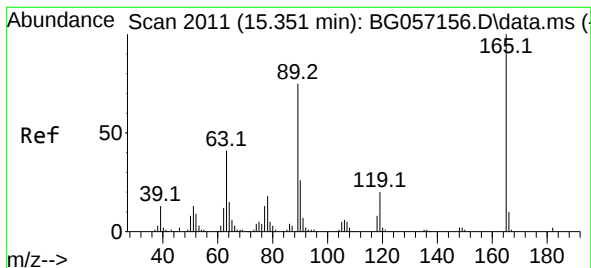
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#56
4-Nitrophenol
Concen: 109.674 ng
RT: 15.198 min Scan# 1985
Delta R.T. 0.005 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:139 Resp: 64568
Ion Ratio Lower Upper
139 100
109 101.2 67.3 107.3
65 113.8 82.0 122.0





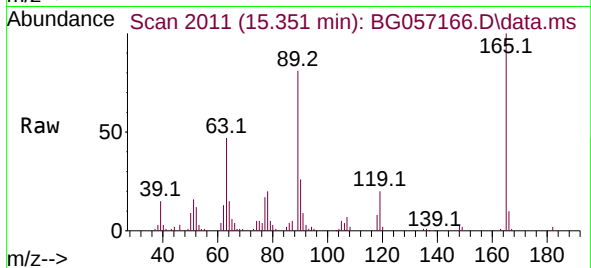
#57
2,4-Dinitrotoluene
Concen: 51.761 ng
RT: 15.351 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

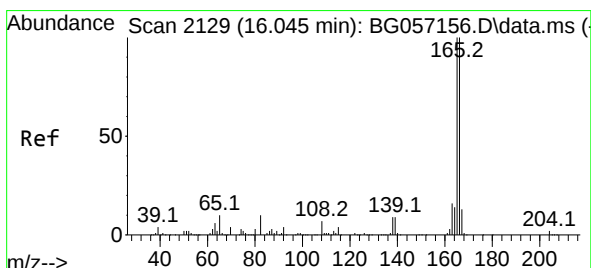
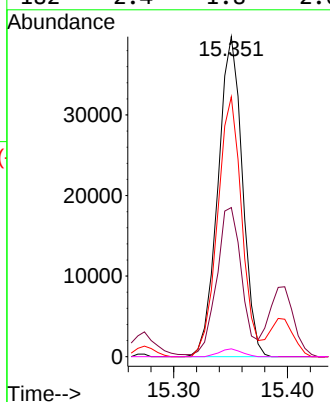
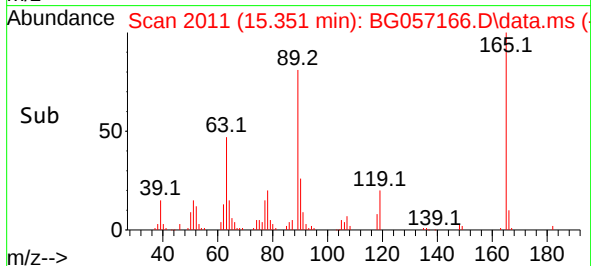


Tgt Ion:165 Resp: 59374
Ion Ratio Lower Upper
165 100
63 46.6 33.0 49.4
89 81.2 60.0 90.0
182 2.4 1.8 2.6

Manual Integrations

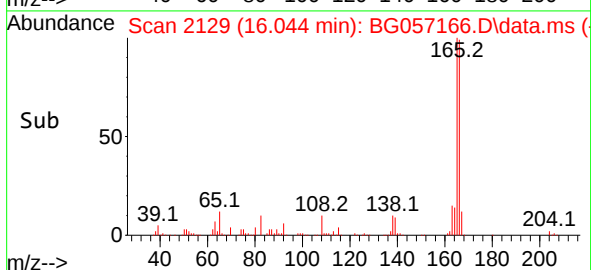
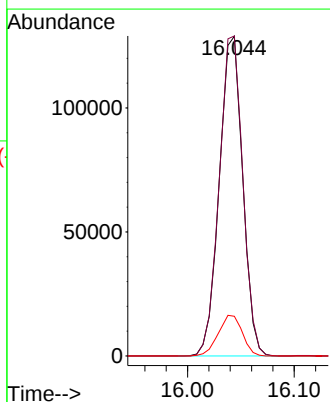
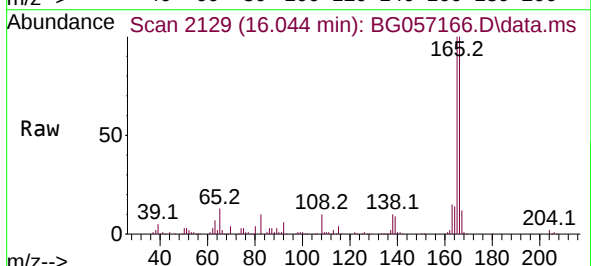
APPROVED

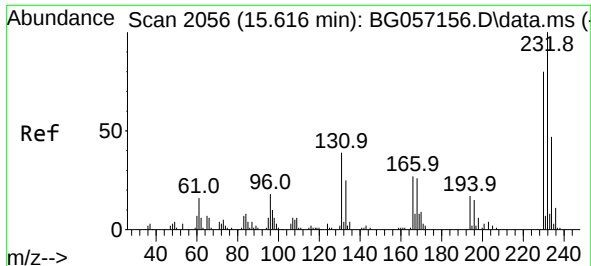
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#58
Fluorene
Concen: 44.768 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

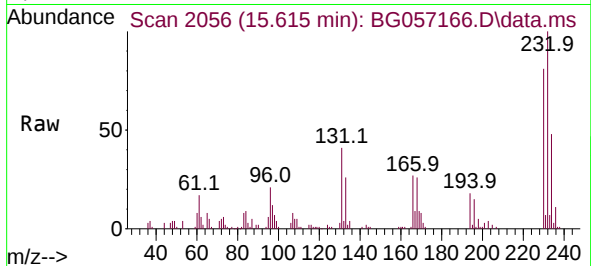
Tgt Ion:166 Resp: 195926
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.6
167 12.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.706 ng
RT: 15.615 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

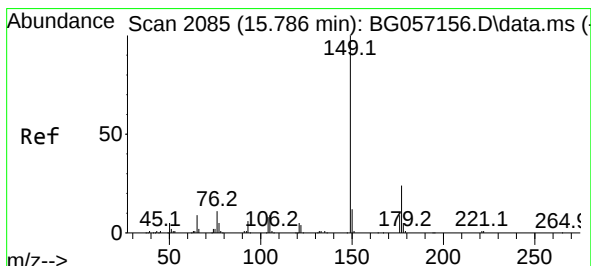
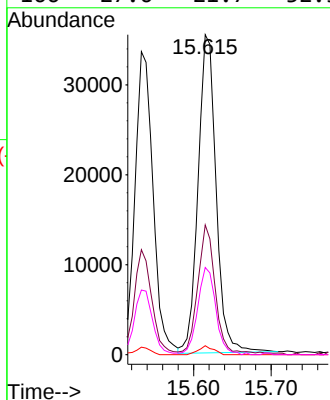
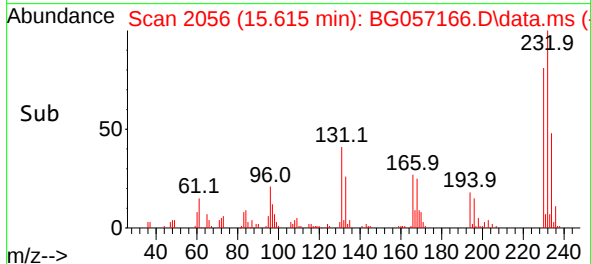
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



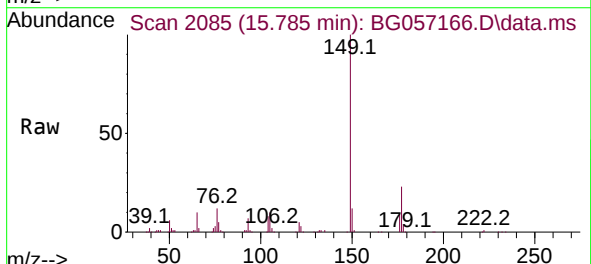
Tgt Ion:232 Resp: 57369
Ion Ratio Lower Upper
232 100
131 40.4 30.8 46.2
130 2.3 1.6 2.4
166 27.6 21.7 32.5

Manual Integrations
APPROVED

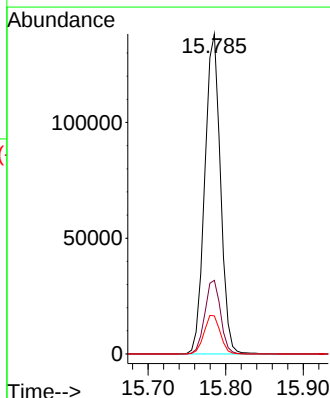
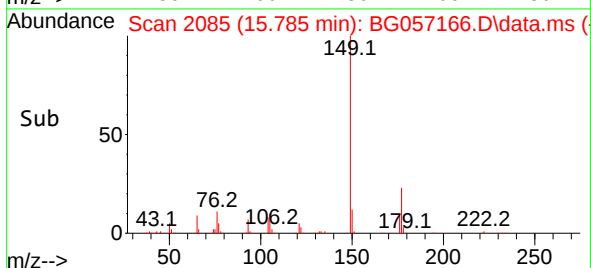
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

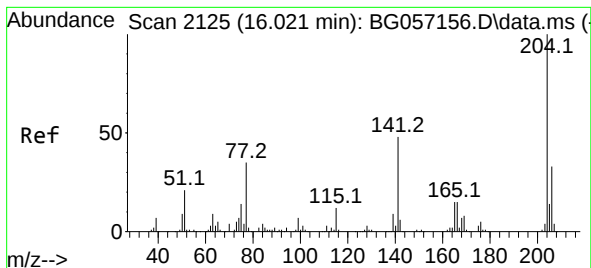


#60
Diethylphthalate
Concen: 49.836 ng
RT: 15.785 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:149 Resp: 193848
Ion Ratio Lower Upper
149 100
177 23.0 19.0 28.4
150 11.9 9.8 14.8





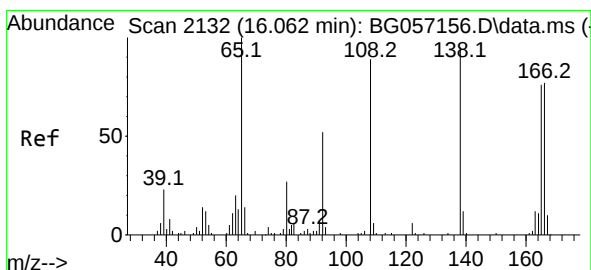
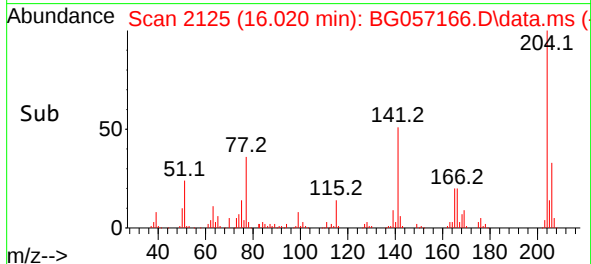
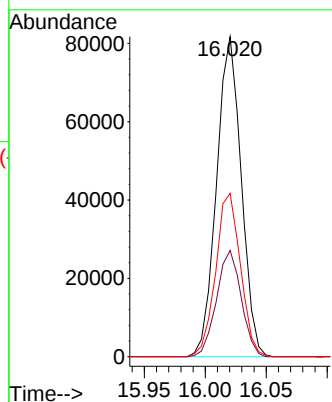
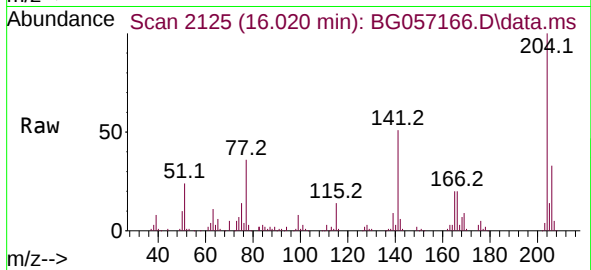
#61
4-Chlorophenyl-phenylether
Concen: 43.789 ng
RT: 16.020 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Tgt Ion:204 Resp: 11502
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 51.0 38.6 57.8

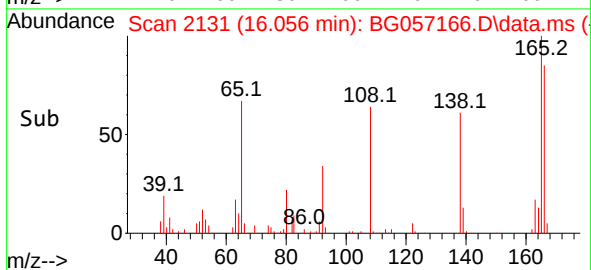
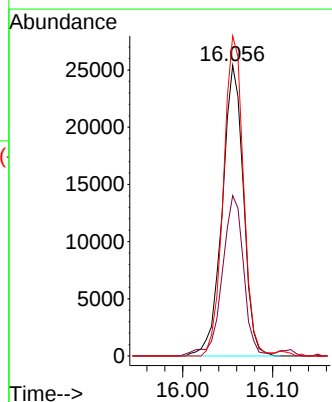
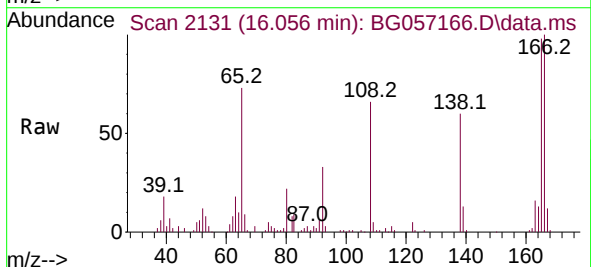
Manual Integrations
APPROVED

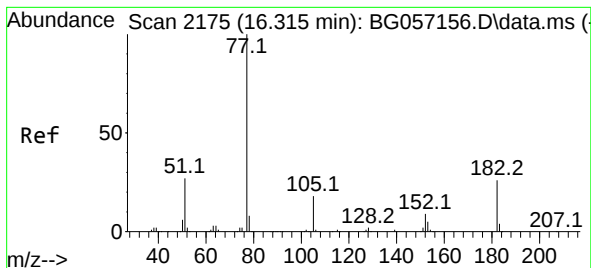
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 49.293 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

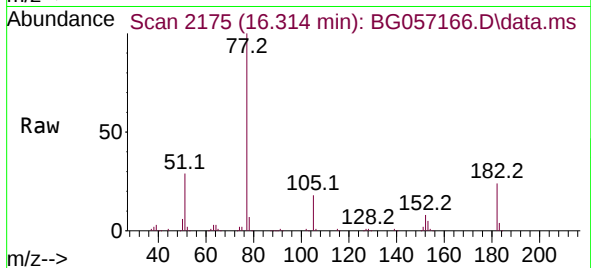
Tgt Ion:138 Resp: 41515
Ion Ratio Lower Upper
138 100
92 55.2 34.9 74.9
108 110.1 73.0 113.0





#63
Azobenzene
Concen: 50.459 ng
RT: 16.314 min Scan# 2175
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

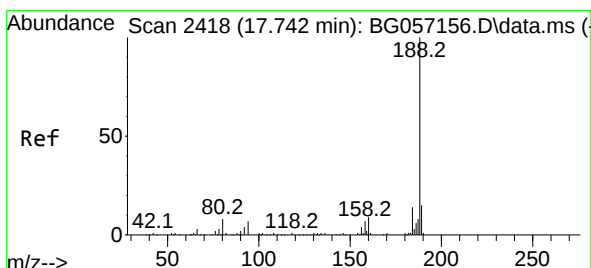
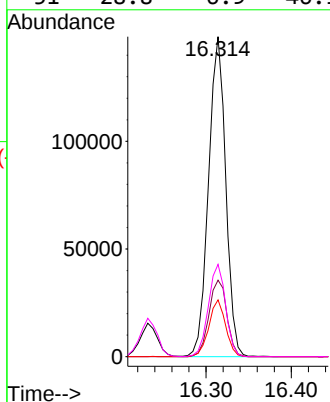
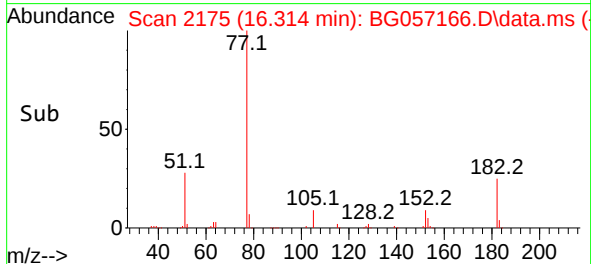
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion: 77 Resp: 208789
Ion Ratio Lower Upper
77 100
182 23.9 6.1 46.1
105 17.8 0.0 38.4
51 28.8 6.9 46.9

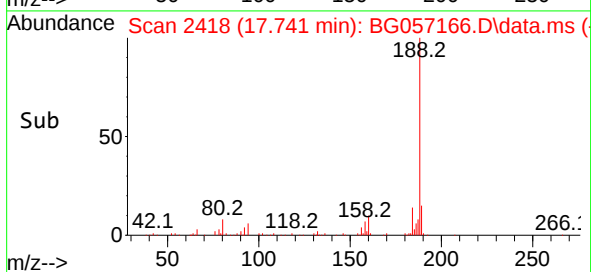
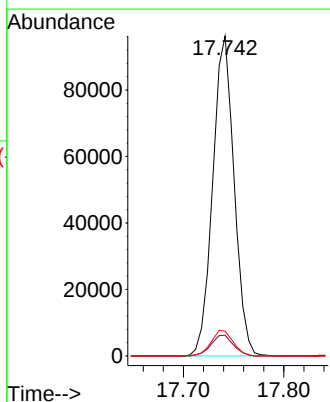
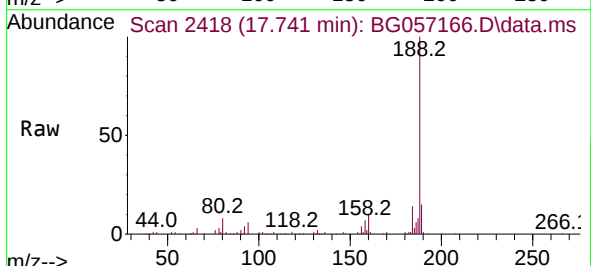
Manual Integrations
APPROVED

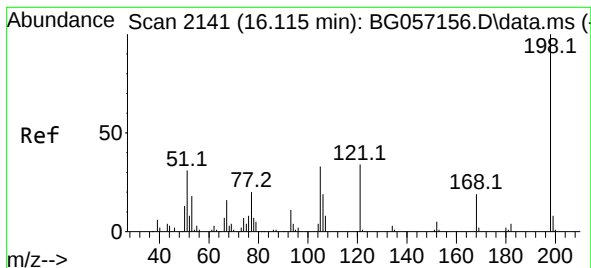
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.741 min Scan# 2418
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

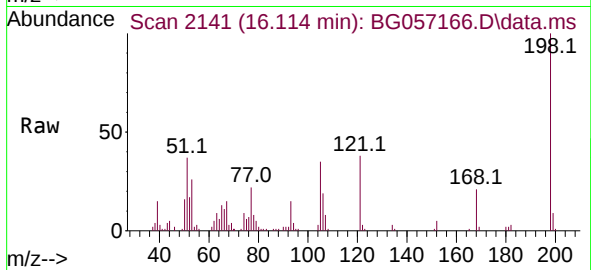
Tgt Ion:188 Resp: 142342
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.7 6.2 9.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.112 ng
RT: 16.114 min Scan# 2141
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

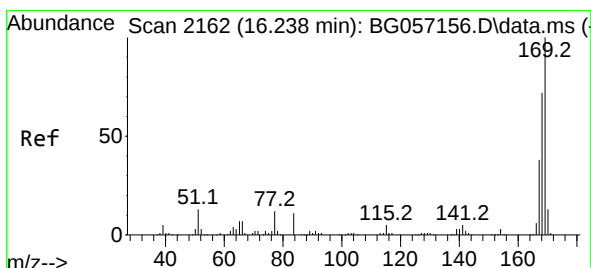
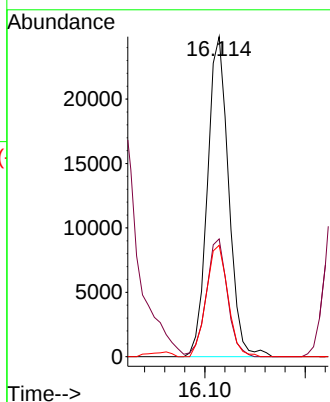
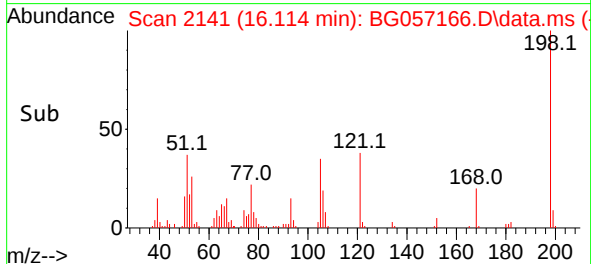
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



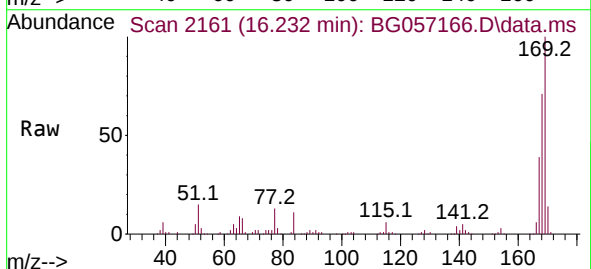
Tgt Ion:198 Resp: 36370
Ion Ratio Lower Upper
198 100
51 36.8 13.1 53.1
105 34.8 14.1 54.1

Manual Integrations
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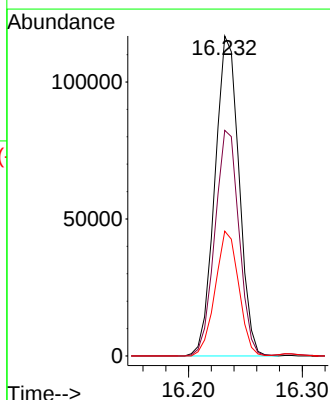
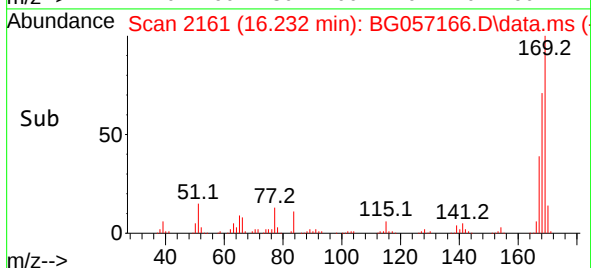
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

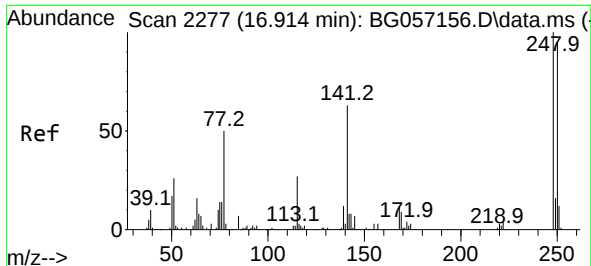


#66
n-Nitrosodiphenylamine
Concen: 46.300 ng
RT: 16.232 min Scan# 2161
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



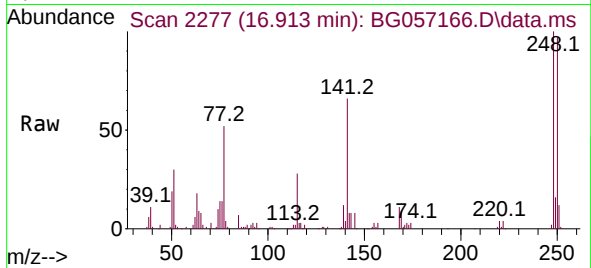
Tgt Ion:169 Resp: 171963
Ion Ratio Lower Upper
169 100
168 70.5 57.8 86.6
167 39.0 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 42.678 ng
RT: 16.913 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

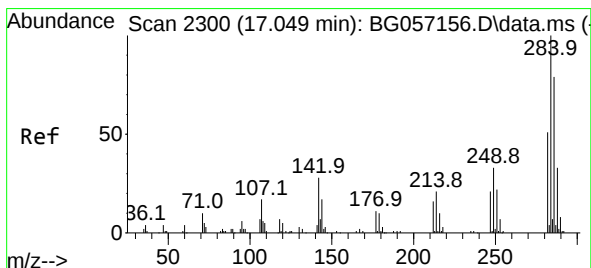
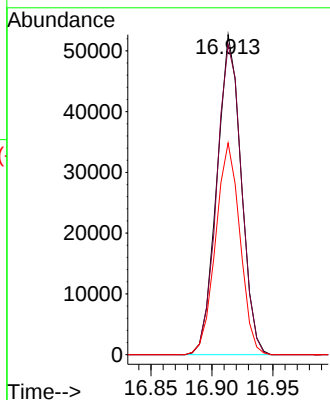
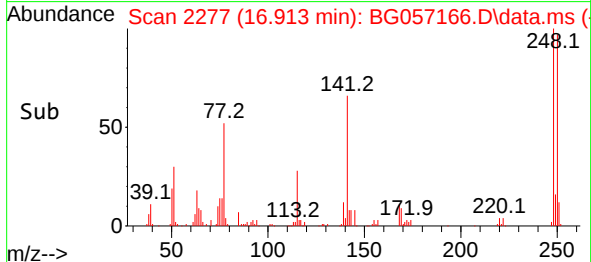
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



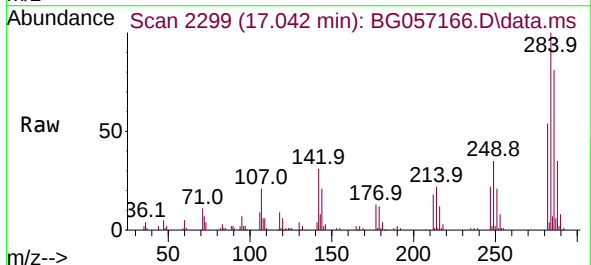
Tgt Ion:248 Resp: 7305
Ion Ratio Lower Upper
248 100
250 96.9 75.8 113.8
141 66.1 50.1 75.1

Manual Integrations
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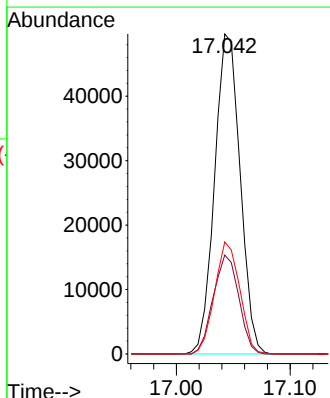
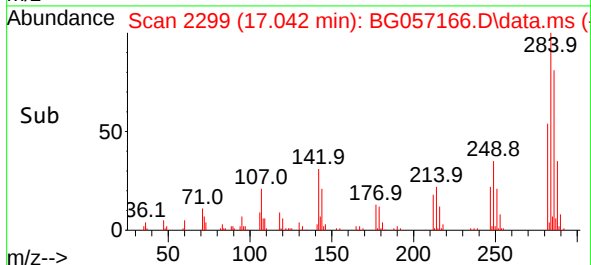
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

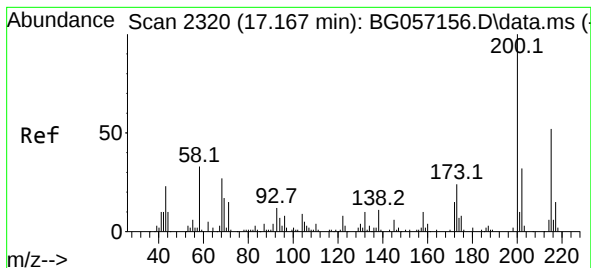


#68
Hexachlorobenzene
Concen: 44.136 ng
RT: 17.042 min Scan# 2299
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:284 Resp: 77492
Ion Ratio Lower Upper
284 100
142 30.9 22.6 33.8
249 35.0 26.6 40.0





#69

Atrazine

Concen: 62.121 ng

RT: 17.166 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

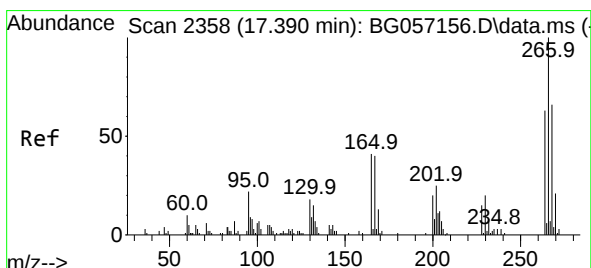
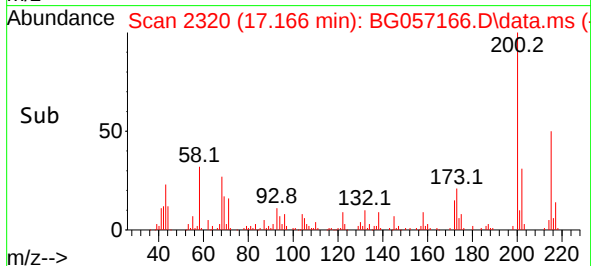
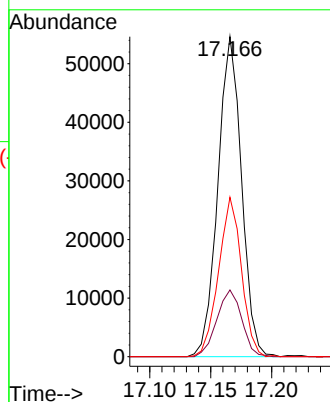
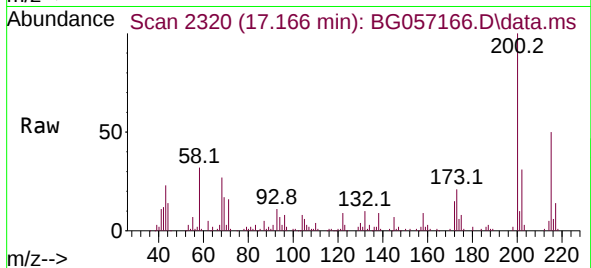
PB152297BSD

Tgt Ion:200 Resp: 7369
 Ion Ratio Lower Upper
 200 100
 173 20.8 4.2 44.2
 215 49.8 31.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#70

Pentachlorophenol

Concen: 95.759 ng

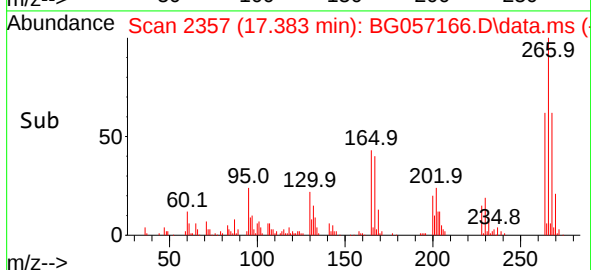
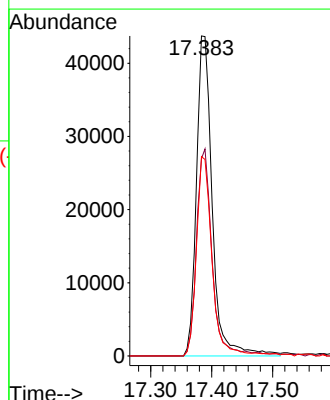
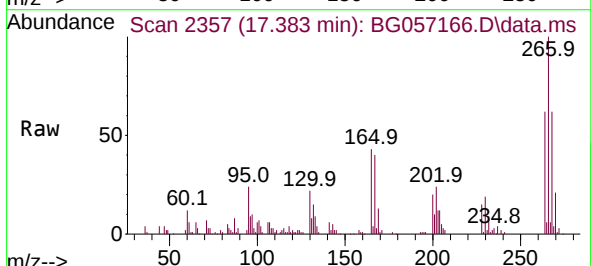
RT: 17.383 min Scan# 2357

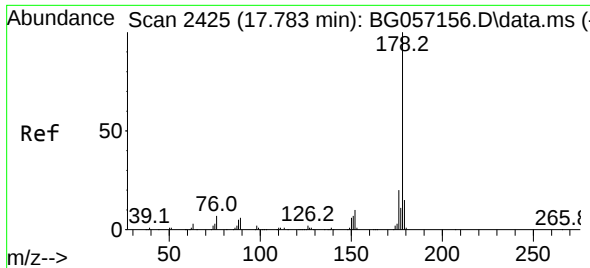
Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Tgt Ion:266 Resp: 79013
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.5 78.7
 264 62.3 50.7 76.1





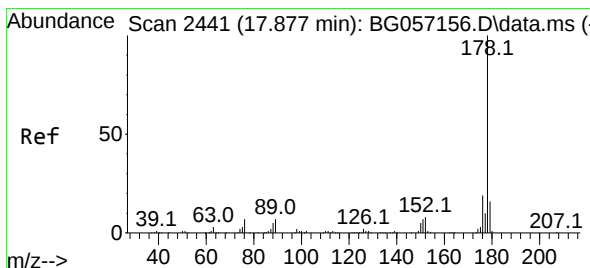
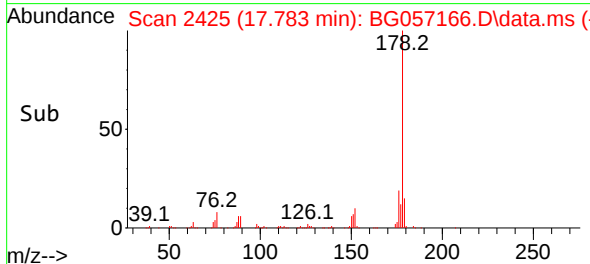
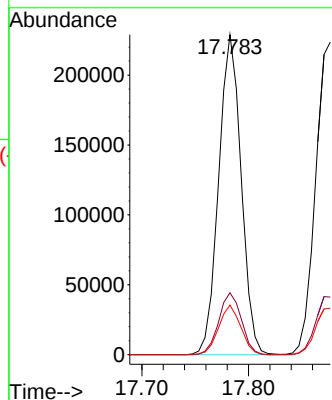
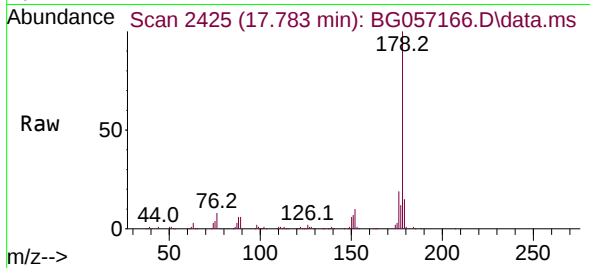
#71
Phenanthrene
Concen: 46.038 ng
RT: 17.783 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Tgt Ion:178 Resp: 33454
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.4 18.6

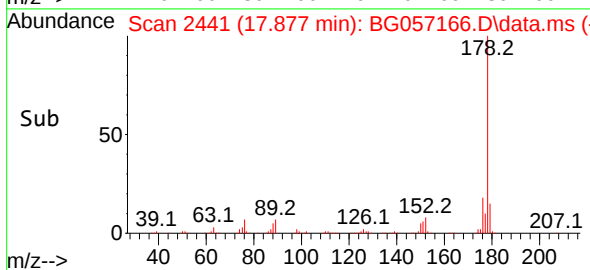
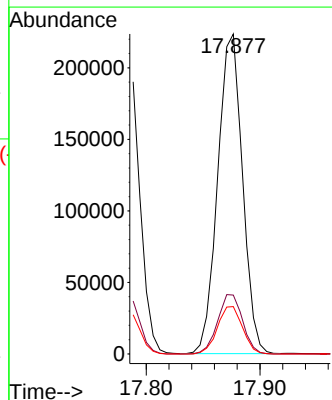
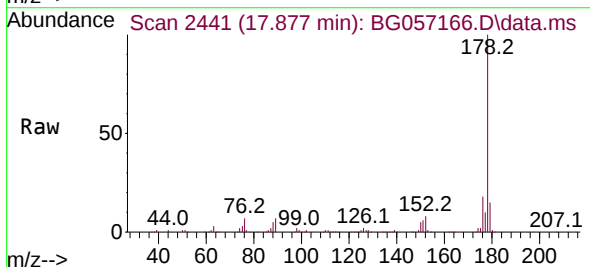
Manual Integrations
APPROVED

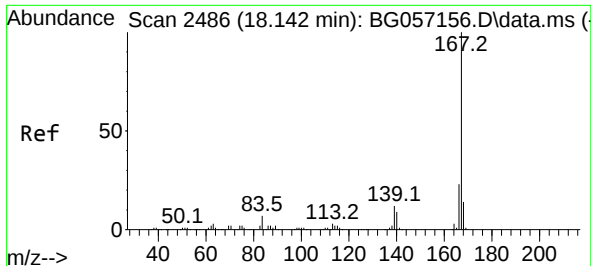
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#72
Anthracene
Concen: 46.066 ng
RT: 17.877 min Scan# 2441
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

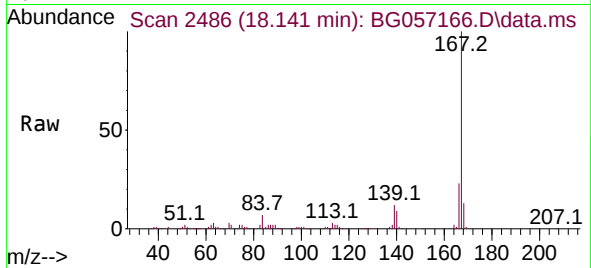
Tgt Ion:178 Resp: 338473
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 14.8 12.5 18.7





#73
 Carbazole
 Concen: 48.251 ng
 RT: 18.141 min Scan# 2486
 Delta R.T. -0.001 min
 Lab File: BG057166.D
 Acq: 25 Apr 2023 00:53

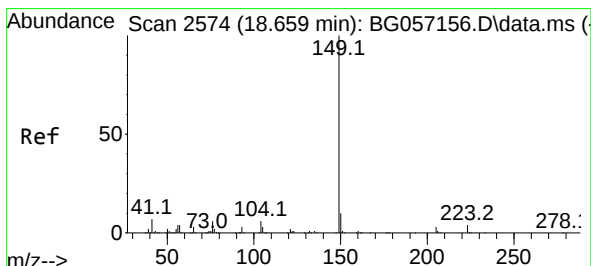
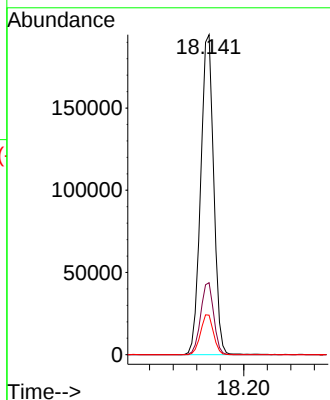
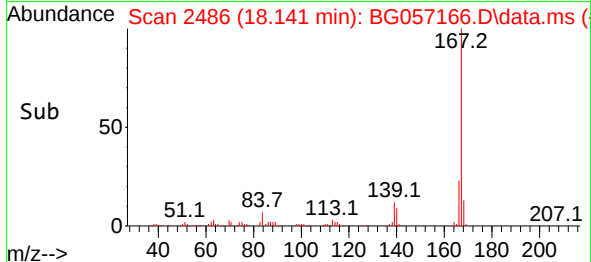
Instrument :
 BNA_G
 ClientSampleId :
 PB152297BSD



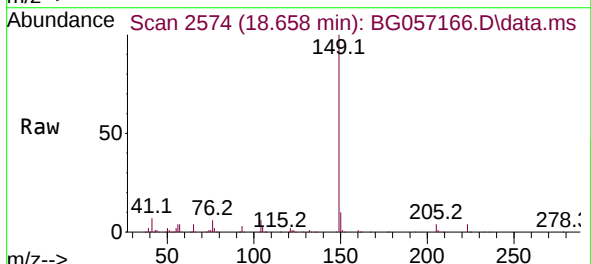
Tgt Ion:167 Resp: 29926
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.3 27.5
 139 12.3 9.6 14.4

Manual Integrations
 APPROVED

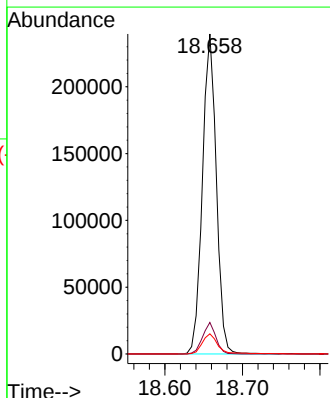
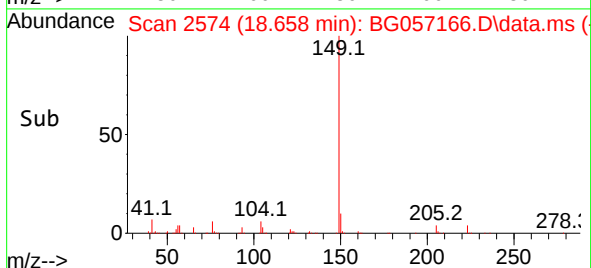
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

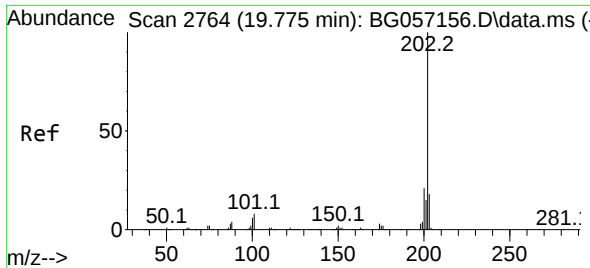


#74
 Di-n-butylphthalate
 Concen: 51.846 ng
 RT: 18.658 min Scan# 2574
 Delta R.T. -0.001 min
 Lab File: BG057166.D
 Acq: 25 Apr 2023 00:53



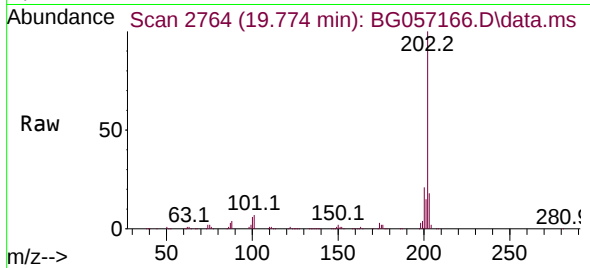
Tgt Ion:149 Resp: 299110
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 6.3 4.7 7.1





#75
Fluoranthene
Concen: 45.787 ng
RT: 19.774 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

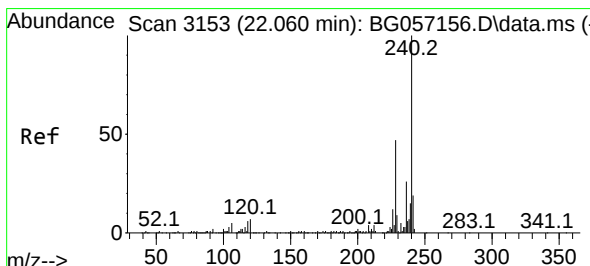
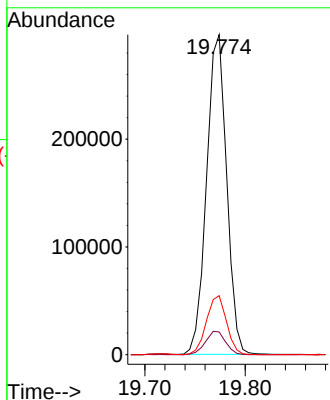
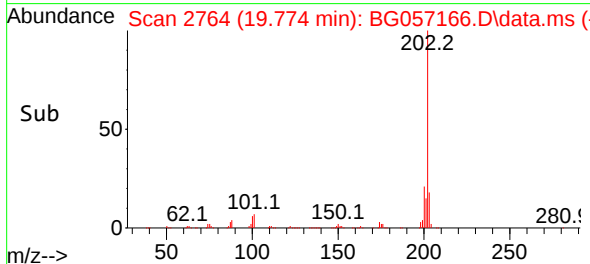
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



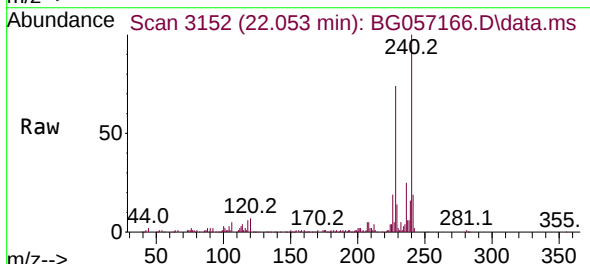
Tgt Ion:202 Resp: 41336
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.6
203 18.5 0.0 38.3

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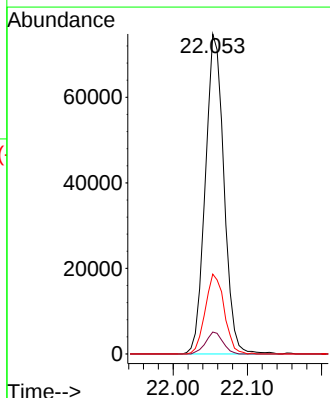
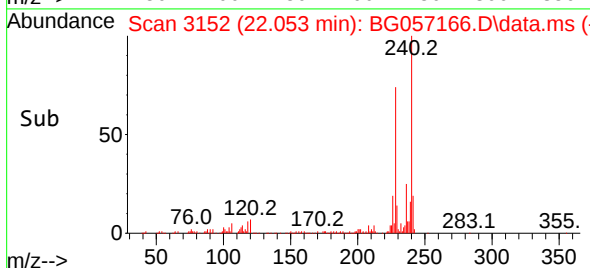
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

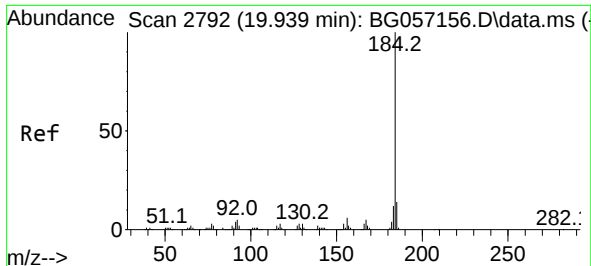


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.053 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



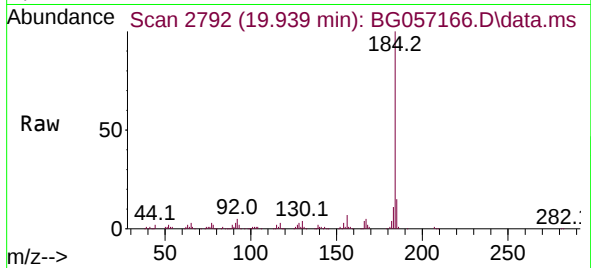
Tgt Ion:240 Resp: 130105
Ion Ratio Lower Upper
240 100
120 6.8 5.5 8.3
236 25.0 20.8 31.2





#77
Benzidine
Concen: 74.684 ng
RT: 19.939 min Scan# 2792
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

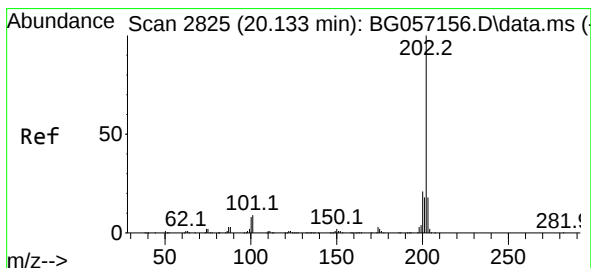
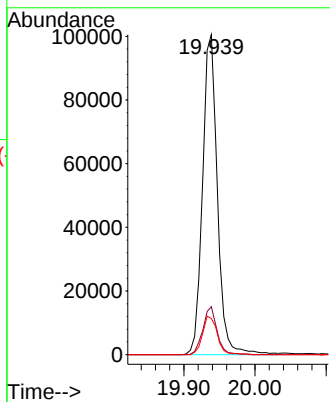
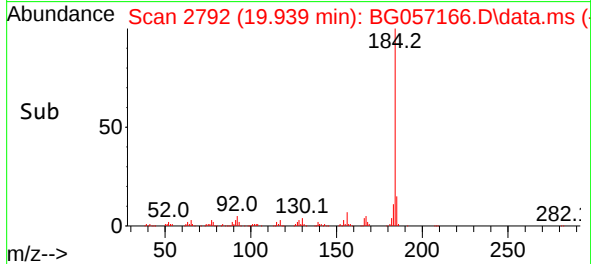
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



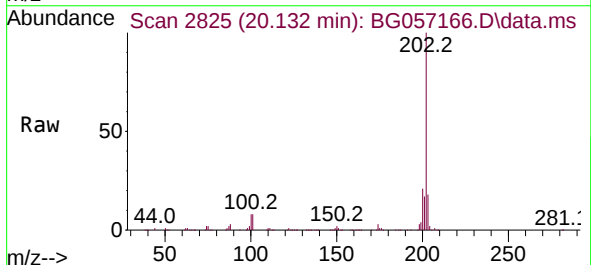
Tgt Ion:184 Resp: 146418
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.3 9.4 14.0

Manual Integrations
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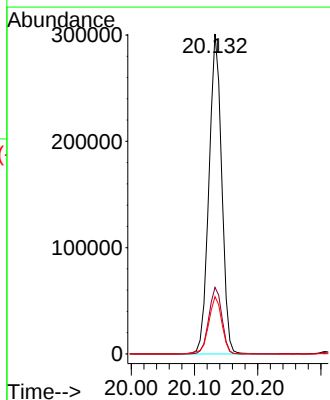
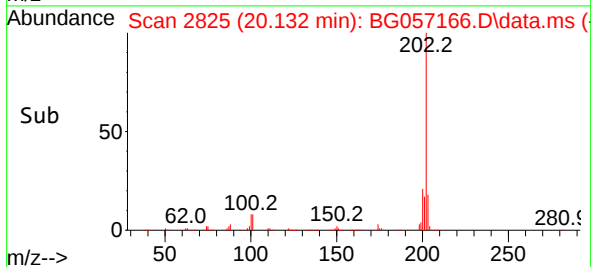
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

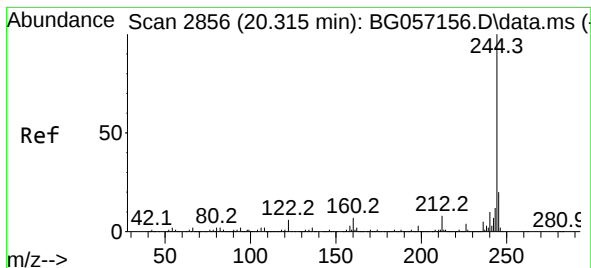


#78
Pyrene
Concen: 47.688 ng
RT: 20.132 min Scan# 2825
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:202 Resp: 421251
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.9 14.7 22.1





#79

Terphenyl-d14

Concen: 96.391 ng

RT: 20.309 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057166.D

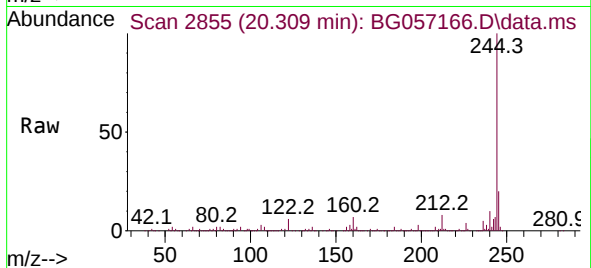
Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD



Tgt Ion:244 Resp: 71699

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

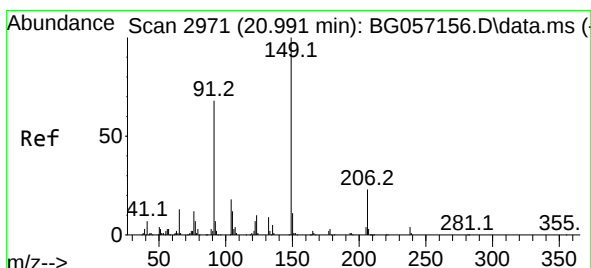
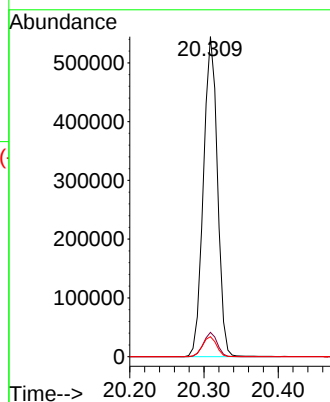
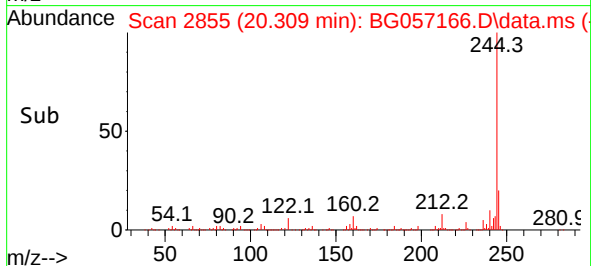
122 6.3 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#80

Butylbenzylphthalate

Concen: 50.918 ng

RT: 20.990 min Scan# 2971

Delta R.T. -0.001 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

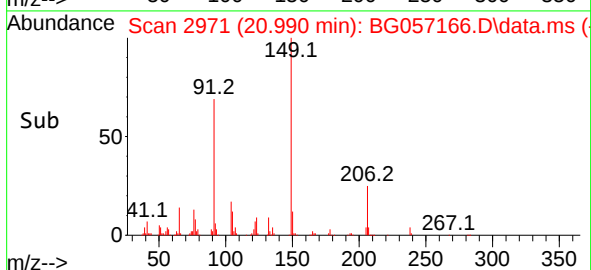
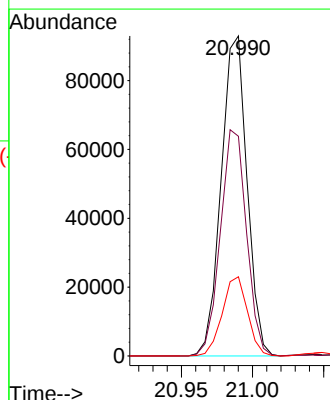
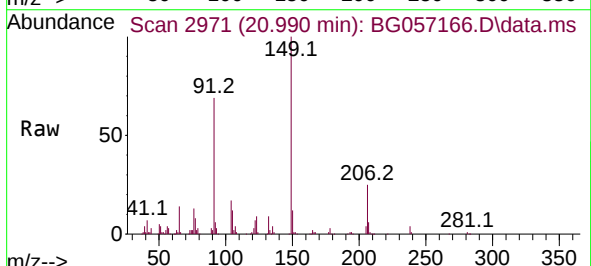
Tgt Ion:149 Resp: 117637

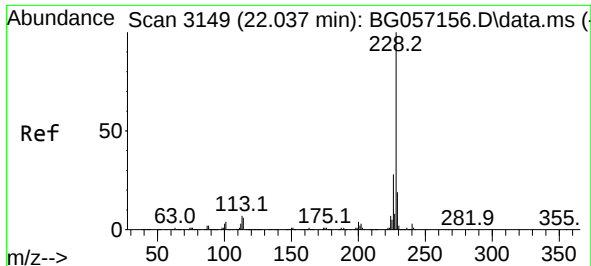
Ion Ratio Lower Upper

149 100

91 68.6 54.1 81.1

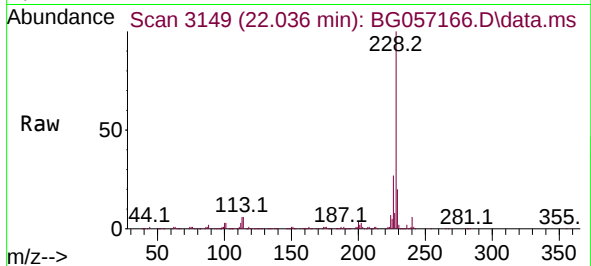
206 24.8 18.2 27.2





#81
Benzo(a)anthracene
Concen: 47.304 ng
RT: 22.036 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

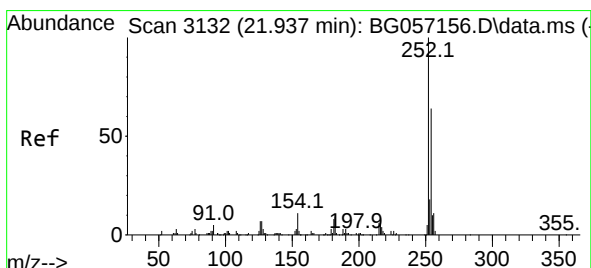
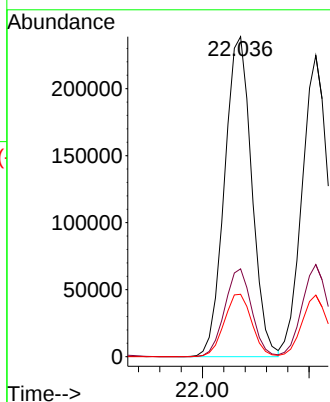
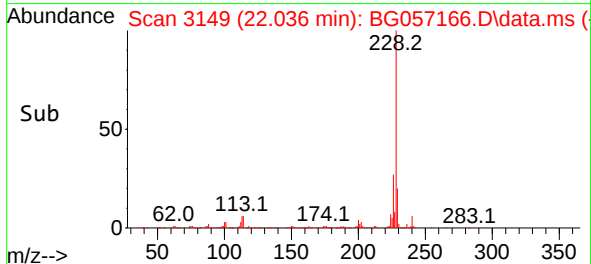
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion:228 Resp: 423159
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.5 15.6 23.4

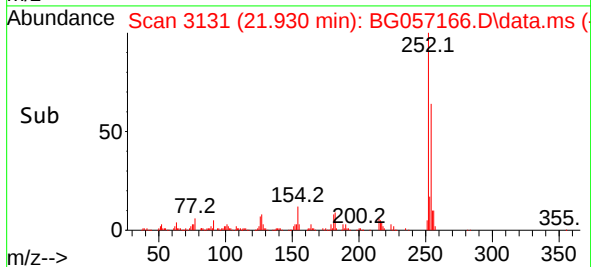
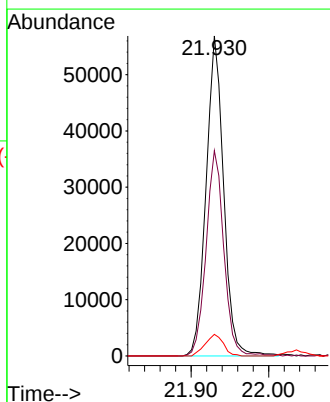
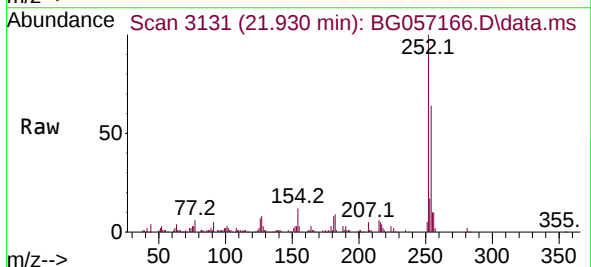
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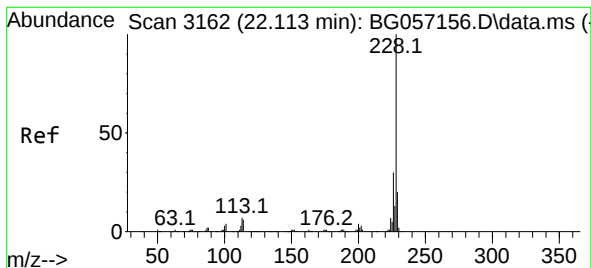
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.341 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:252 Resp: 89766
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 6.8 5.9 8.9





#83

Chrysene

Concen: 44.935 ng

RT: 22.106 min Scan# 3161

Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

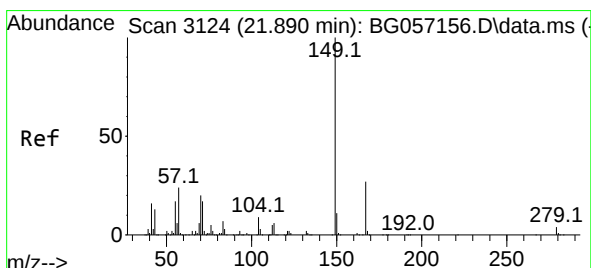
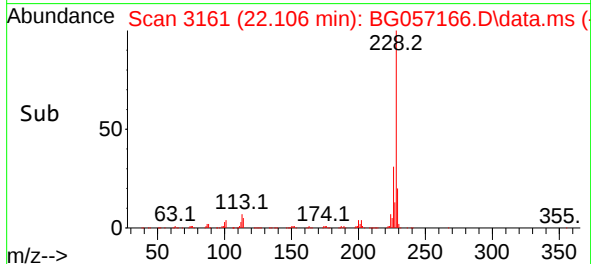
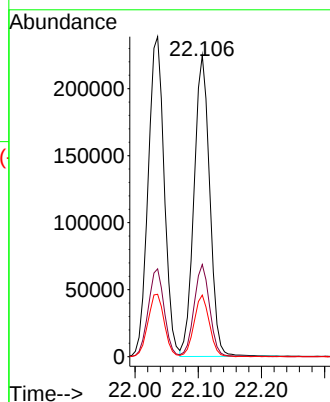
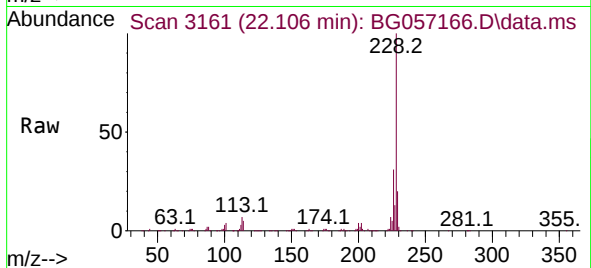
PB152297BSD

Tgt Ion:228 Resp: 38763
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.0 36.0
 229 20.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.368 ng

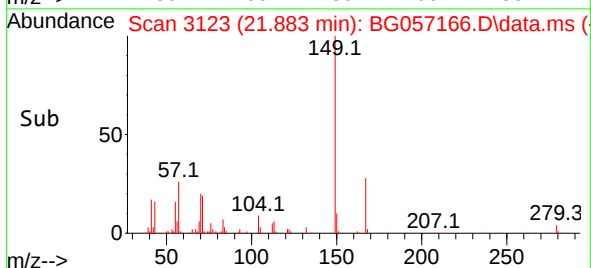
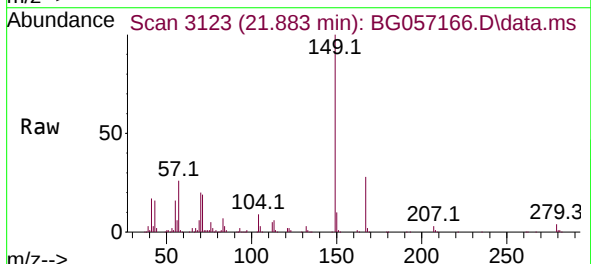
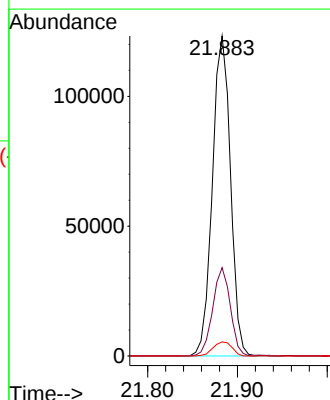
RT: 21.883 min Scan# 3123

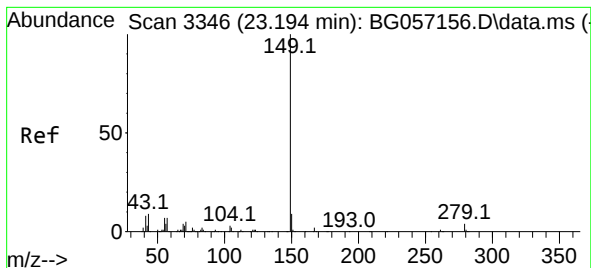
Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

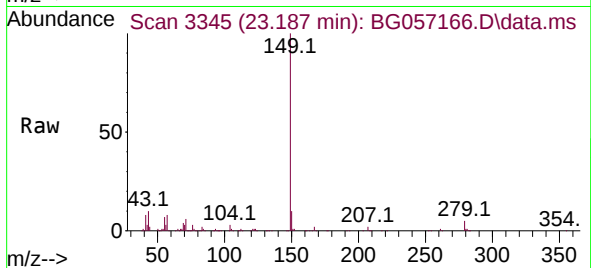
Tgt Ion:149 Resp: 172484
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.9 32.9
 279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.729 ng
RT: 23.187 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

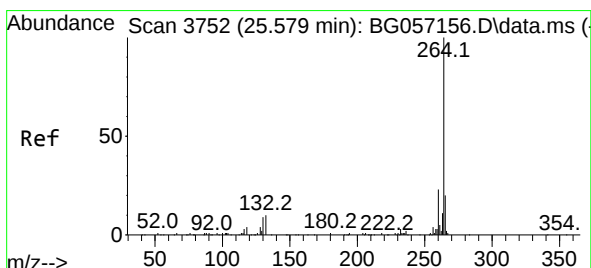
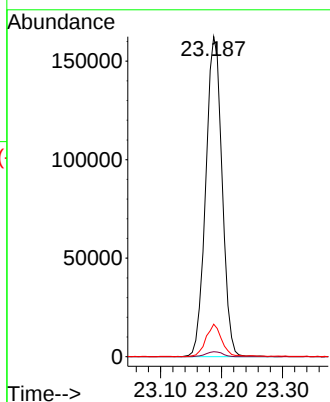
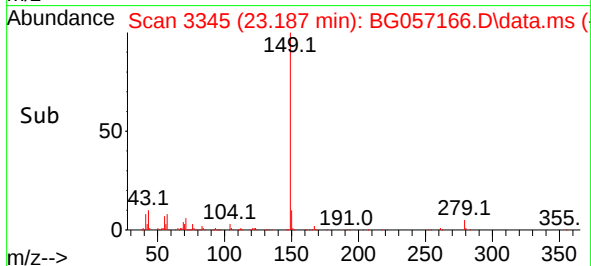
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



Tgt Ion:149 Resp: 30185
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 7.4 11.0

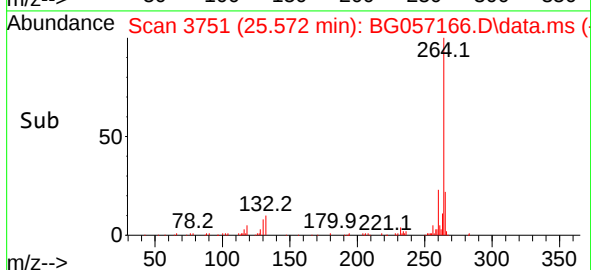
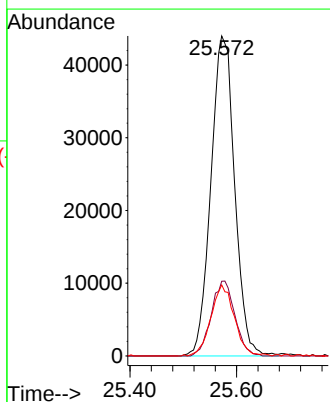
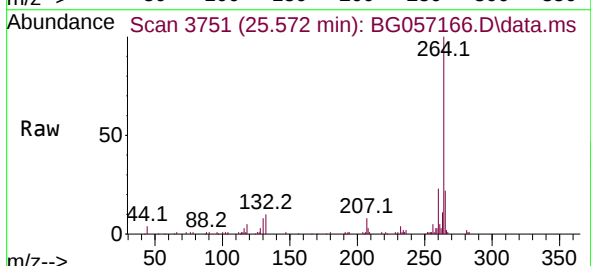
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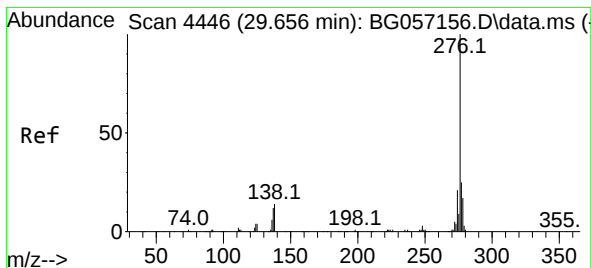
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.572 min Scan# 3751
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

Tgt Ion:264 Resp: 136284
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.2 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.176 ng

RT: 29.649 min Scan# 4445

Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

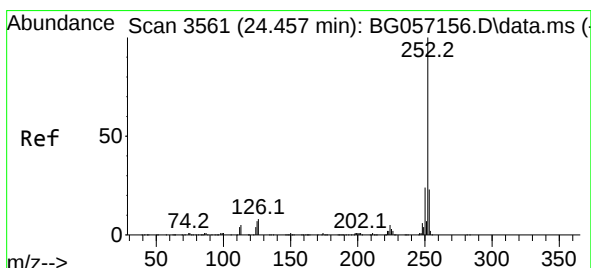
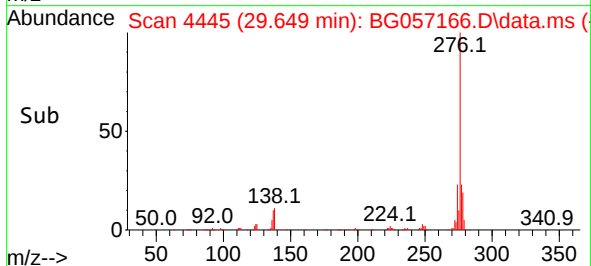
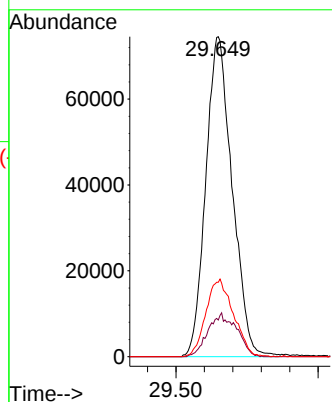
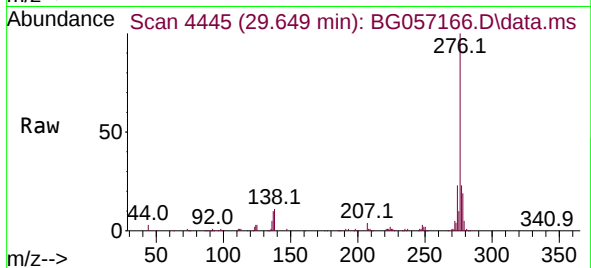
ClientSampleId :

PB152297BSD

Tgt Ion:276 Resp: 48006
 Ion Ratio Lower Upper
 276 100
 138 14.8 13.8 20.6
 277 25.3 20.4 30.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#88

Benzo(b)fluoranthene

Concen: 49.521 ng

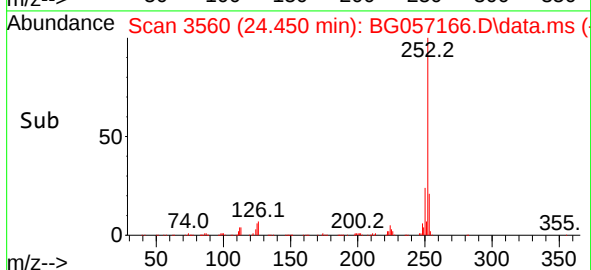
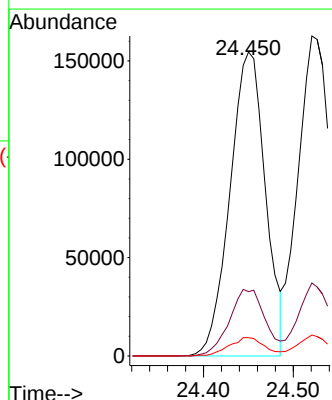
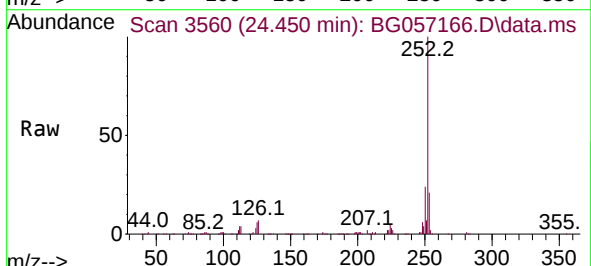
RT: 24.450 min Scan# 3560

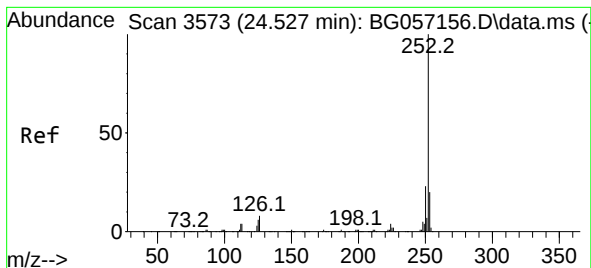
Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Tgt Ion:252 Resp: 423053
 Ion Ratio Lower Upper
 252 100
 253 21.1 18.2 27.2
 125 6.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 47.683 ng

RT: 24.521 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

Instrument :

BNA_G

ClientSampleId :

PB152297BSD

Tgt Ion:252 Resp: 42136

Ion Ratio Lower Upper

252 100

253 22.8 16.7 25.1

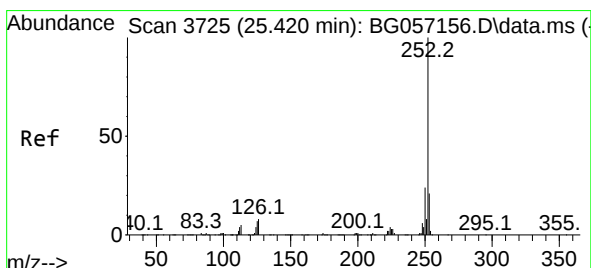
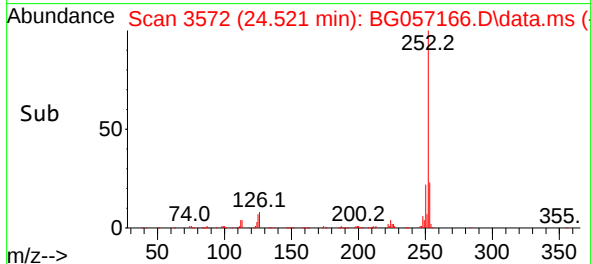
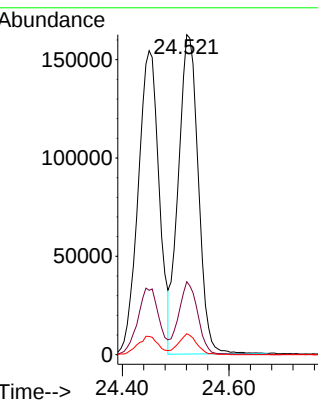
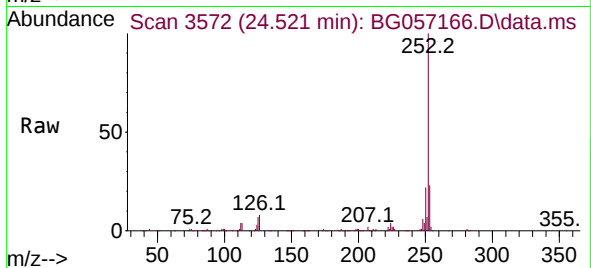
125 6.5 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#90

Benzo(a)pyrene

Concen: 44.478 ng

RT: 25.413 min Scan# 3724

Delta R.T. -0.007 min

Lab File: BG057166.D

Acq: 25 Apr 2023 00:53

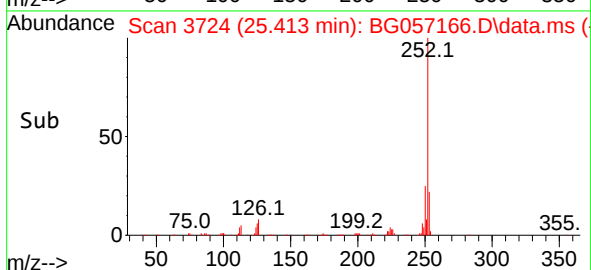
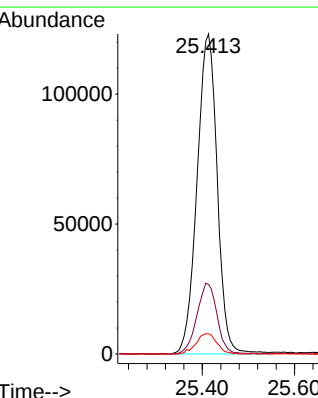
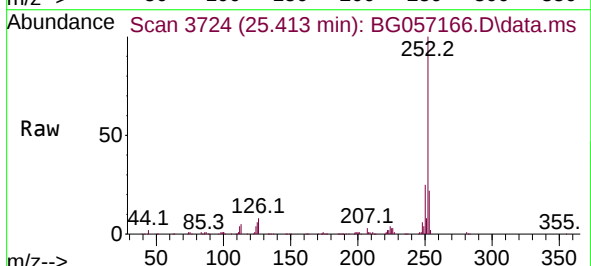
Tgt Ion:252 Resp: 374255

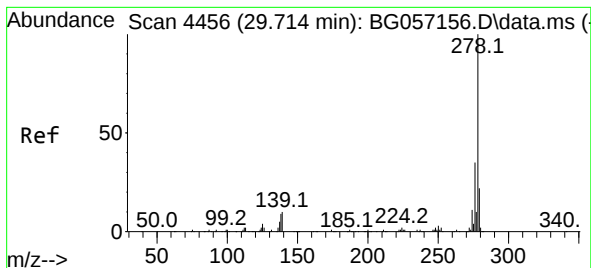
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

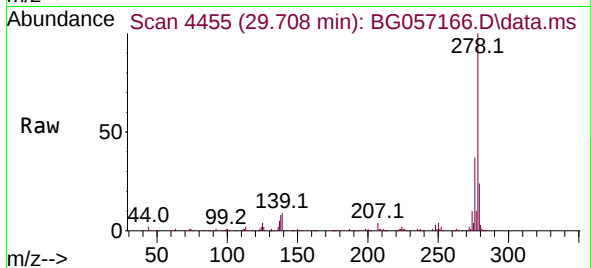
125 6.3 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 49.245 ng
RT: 29.708 min Scan# 4456
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53

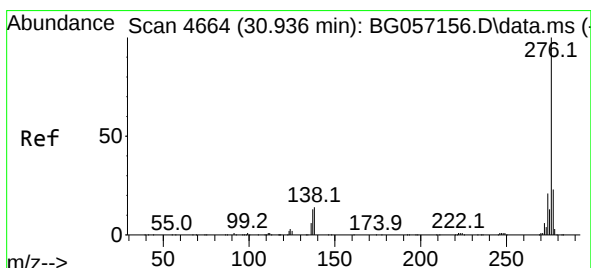
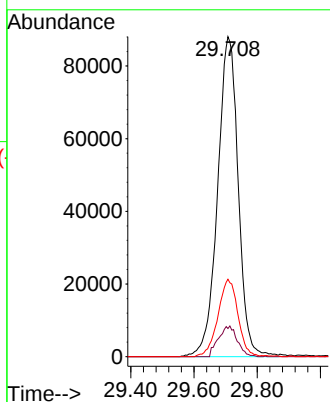
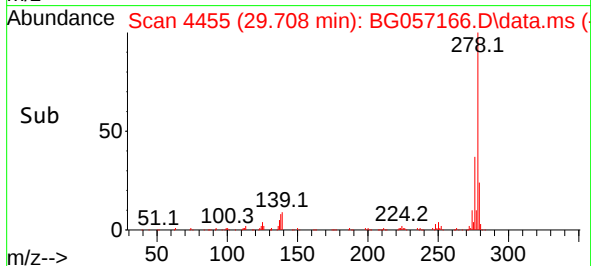
Instrument :
BNA_G
ClientSampleId :
PB152297BSD



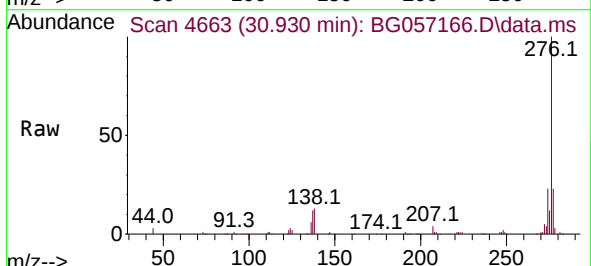
Tgt Ion:278 Resp: 399172
Ion Ratio Lower Upper
278 100
139 8.8 7.9 11.9
279 24.2 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#92
Benzo(g,h,i)perylene
Concen: 47.978 ng
RT: 30.930 min Scan# 4663
Delta R.T. -0.007 min
Lab File: BG057166.D
Acq: 25 Apr 2023 00:53



Tgt Ion:276 Resp: 384782
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 12.7 11.5 17.3

