

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057119.D
 Acq On : 17 Apr 2023 20:32
 Operator : CG/JU
 Sample : 02357-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P2-S1-230413MS

Quant Time: Apr 18 01:21:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.397	152	15817	20.000	ng	-0.01
21) Naphthalene-d8	11.241	136	44701	20.000	ng	0.00
39) Acenaphthene-d10	15.012	164	48684	20.000	ng	0.00
64) Phenanthrene-d10	17.749	188	113393	20.000	ng	#-0.01
76) Chrysene-d12	22.073	240	91499	20.000	ng	# 0.00
86) Perylene-d12	25.603	264	100858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	79142	80.080	ng	0.00
7) Phenol-d6	7.534	99	168626	114.083	ng	0.00
23) Nitrobenzene-d5	9.578	82	84232	77.103	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	78371	100.767	ng	0.00
45) 2-Fluorobiphenyl	13.637	172	207846	57.892	ng	0.00
79) Terphenyl-d14	20.316	244	361322	66.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.710	88	18368	42.398	ng	97
3) Pyridine	4.133	79	27338	19.592	ng	# 91
4) n-Nitrosodimethylamine	4.039	42	18144	28.282	ng	92
6) Aniline	7.710	93	55158	29.190	ng	97
8) 2-Chlorophenol	7.957	128	54234	55.094	ng	90
9) Benzaldehyde	7.522	77	39254	42.341	ng	97
10) Phenol	7.563	94	78130	53.345	ng	94
11) bis(2-Chloroethyl)ether	7.798	93	50040	47.964	ng	94
12) 1,3-Dichlorobenzene	8.286	146	53603	49.281	ng	97
13) 1,4-Dichlorobenzene	8.433	146	54002	49.192	ng	98
14) 1,2-Dichlorobenzene	8.762	146	53405	50.354	ng	94
15) Benzyl Alcohol	8.632	79	58404	47.553	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.914	45	67366	53.579	ng	94
17) 2-Methylphenol	8.838	107	51591	49.374	ng	87
18) Hexachloroethane	9.496	117	17885	44.574	ng	92
19) n-Nitroso-di-n-propyla...	9.202	70	47601	45.024	ng	97
20) 3+4-Methylphenols	9.161	107	74399	50.919	ng	96
22) Acetophenone	9.226	105	87135	65.509	ng	# 94
24) Nitrobenzene	9.619	77	47397	42.435	ng	96
25) Isophorone	10.142	82	83356	40.069	ng	# 95
26) 2-Nitrophenol	10.336	139	20241	46.950	ng	95
27) 2,4-Dimethylphenol	10.377	122	35026	46.015	ng	99
28) bis(2-Chloroethoxy)met...	10.618	93	43320	41.594	ng	97
29) 2,4-Dichlorophenol	10.876	162	38185	46.646	ng	97
30) 1,2,4-Trichlorobenzene	11.094	180	41343	47.531	ng	97
31) Naphthalene	11.293	128	110974	45.546	ng	98
32) Benzoic acid	10.518	122	22984m	43.958	ng	
33) 4-Chloroaniline	11.387	127	19601	17.812	ng	98
34) Hexachlorobutadiene	11.564	225	30759	47.077	ng	95
35) Caprolactam	12.157	113	14143m	50.097	ng	
36) 4-Chloro-3-methylphenol	12.480	107	62580	68.358	ng	97
37) 2-Methylnaphthalene	12.868	142	123187	63.703	ng	96
38) 1-Methylnaphthalene	13.085	142	114712	63.174	ng	98
40) 1,2,4,5-Tetrachloroben...	13.226	216	76252	45.167	ng	98
41) Hexachlorocyclopentadiene	13.203	237	86892	93.415	ng	99
43) 2,4,6-Trichlorophenol	13.461	196	51015	47.354	ng	98

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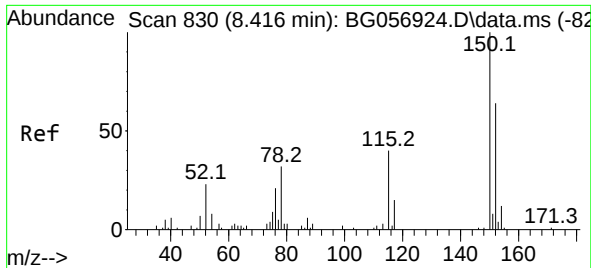
Quant Time: Apr 18 01:21:40 2023
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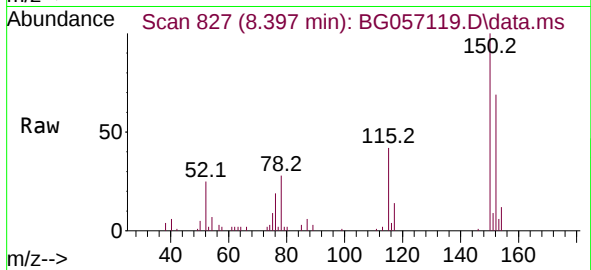
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.532	196	55561	43.534	ng	96
46) 1,1'-Biphenyl	13.849	154	170053	47.717	ng	97
47) 2-Chloronaphthalene	13.902	162	132139	50.133	ng	98
48) 2-Nitroaniline	14.095	65	43801	46.474	ng	93
49) Acenaphthylene	14.742	152	207448	47.902	ng	98
50) Dimethylphthalate	14.448	163	172255	44.905	ng	100
51) 2,6-Dinitrotoluene	14.577	165	38109	45.981	ng	90
52) Acenaphthene	15.077	154	157010m	52.569	ng	
53) 3-Nitroaniline	14.912	138	22609	27.560	ng	98
54) 2,4-Dinitrophenol	15.118	184	46735	100.182	ng	98
55) Dibenzofuran	15.411	168	205131	45.760	ng	96
56) 4-Nitrophenol	15.212	139	62738	103.421	ng	# 82
57) 2,4-Dinitrotoluene	15.364	165	52237	44.688	ng	# 96
58) Fluorene	16.052	166	171056	46.114	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.629	232	49695	42.766	ng	# 93
60) Diethylphthalate	15.793	149	174525	45.384	ng	98
61) 4-Chlorophenyl-phenyle...	16.034	204	94540	43.409	ng	97
62) 4-Nitroaniline	16.069	138	38807	45.658	ng	87
63) Azobenzene	16.328	77	176432	46.037	ng	94
65) 4,6-Dinitro-2-methylph...	16.122	198	34113	49.673	ng	95
66) n-Nitrosodiphenylamine	16.246	169	145562	47.820	ng	98
67) 4-Bromophenyl-phenylether	16.927	248	62790	44.753	ng	95
68) Hexachlorobenzene	17.056	284	68763	49.573	ng	97
69) Atrazine	17.180	200	60574	47.939	ng	91
70) Pentachlorophenol	17.397	266	77485	77.864	ng	99
71) Phenanthrene	17.796	178	280757	48.563	ng	99
72) Anthracene	17.884	178	276394	46.636	ng	99
73) Carbazole	18.149	167	240228	46.491	ng	# 94
74) Di-n-butylphthalate	18.672	149	286871	47.943	ng	99
75) Fluoranthene	19.782	202	334379	45.626	ng	97
77) Benzidine	19.946	184	143680	57.450	ng	98
78) Pyrene	20.146	202	327470	51.745	ng	97
80) Butylbenzylphthalate	20.998	149	116750	53.610	ng	96
81) Benzo(a)anthracene	22.049	228	312990	49.432	ng	98
82) 3,3'-Dichlorobenzidine	21.944	252	75044	35.099	ng	# 95
83) Chrysene	22.120	228	289219	48.785	ng	99
84) Bis(2-ethylhexyl)phtha...	21.897	149	171243	54.303	ng	95
85) Di-n-octyl phthalate	23.207	149	284932	53.618	ng	99
87) Indeno(1,2,3-cd)pyrene	29.692	276	370558	49.713	ng	# 96
88) Benzo(b)fluoranthene	24.476	252	327561	51.936	ng	99
89) Benzo(k)fluoranthene	24.552	252	307451	48.830	ng	# 98
90) Benzo(a)pyrene	25.439	252	287065	46.319	ng	99
91) Dibenzo(a,h)anthracene	29.751	278	302289	49.337	ng	96
92) Benzo(g,h,i)perylene	30.973	276	294693	49.120	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.397 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

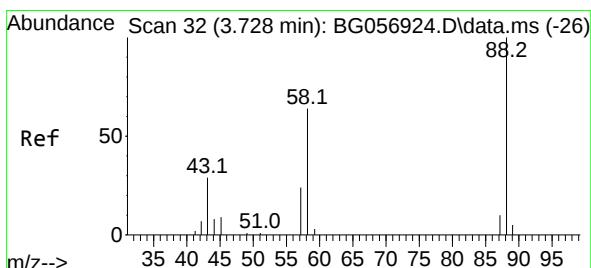
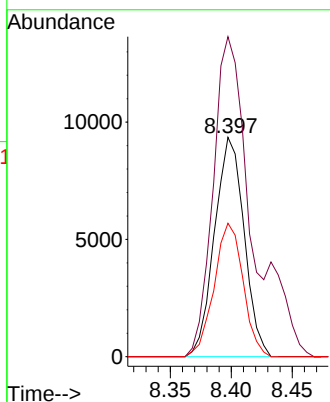
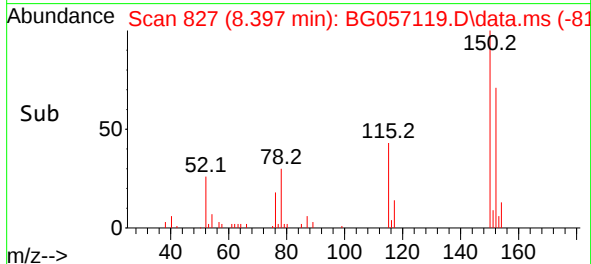
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



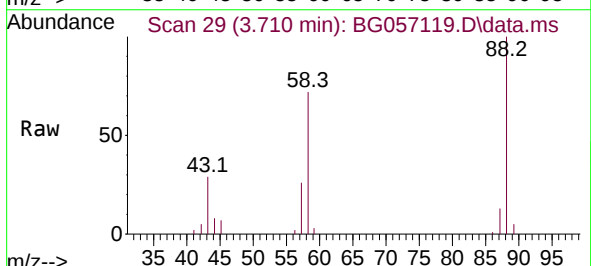
Tgt Ion:152 Resp: 1581
Ion Ratio Lower Upper
152 100
150 145.9 124.1 186.1
115 60.8 49.1 73.7

Manual Integrations
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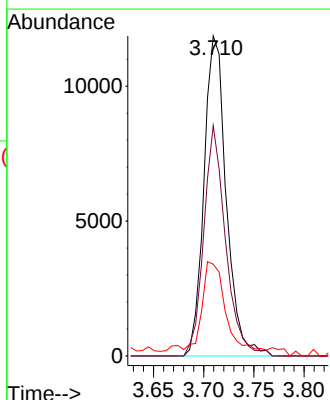
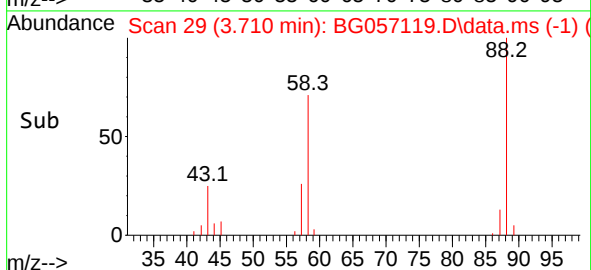
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#2
1,4-Dioxane
Concen: 42.398 ng
RT: 3.710 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



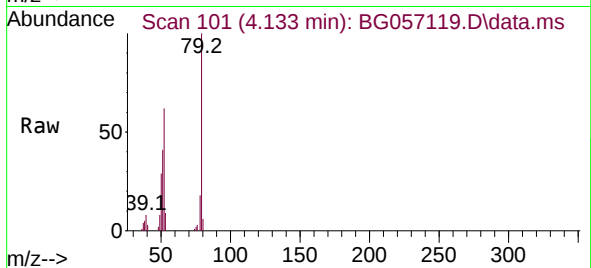
Tgt Ion: 88 Resp: 18368
Ion Ratio Lower Upper
88 100
58 70.6 55.9 83.9
43 27.2 25.7 38.5





#3
Pyridine
Concen: 19.592 ng
RT: 4.133 min Scan# 104
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

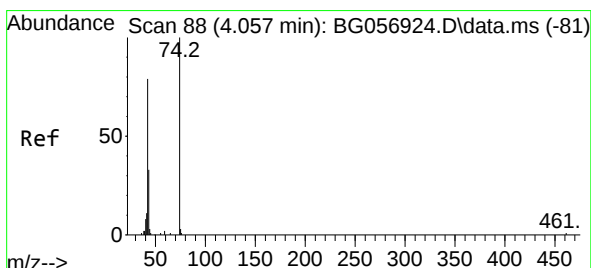
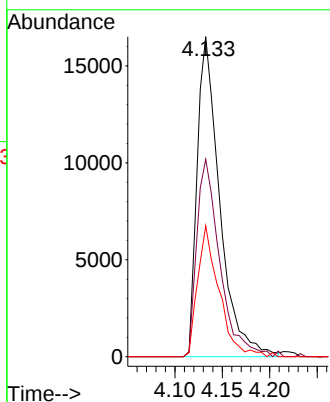
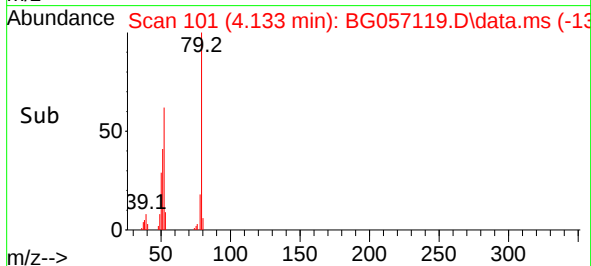
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion: 79 Resp: 27338
Ion Ratio Lower Upper
79 100
52 61.7 46.1 69.1
51 40.9 26.1 39.1

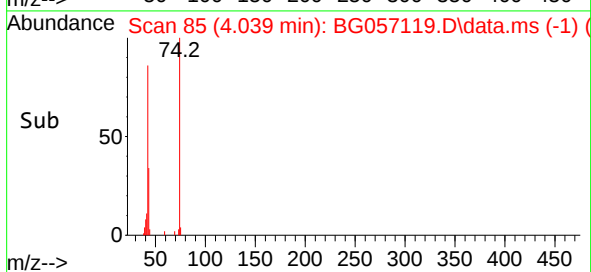
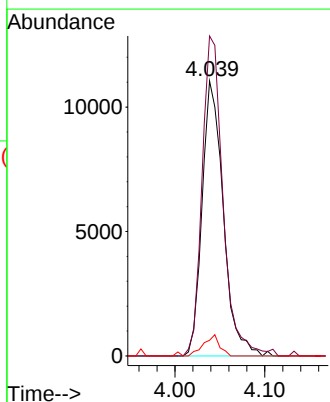
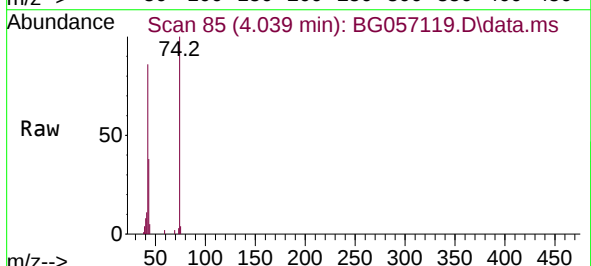
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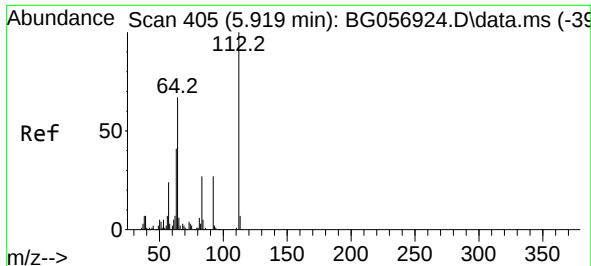
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#4
n-Nitrosodimethylamine
Concen: 28.282 ng
RT: 4.039 min Scan# 85
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

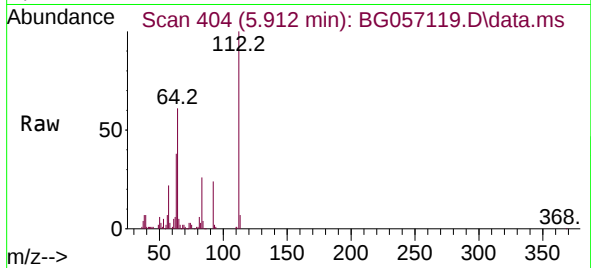
Tgt Ion: 42 Resp: 18144
Ion Ratio Lower Upper
42 100
74 116.4 100.6 151.0
44 5.7 4.6 7.0





#5
2-Fluorophenol
Concen: 80.080 ng
RT: 5.912 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

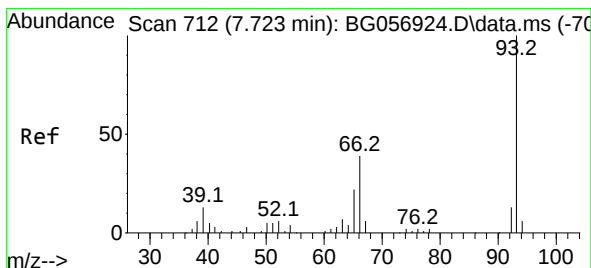
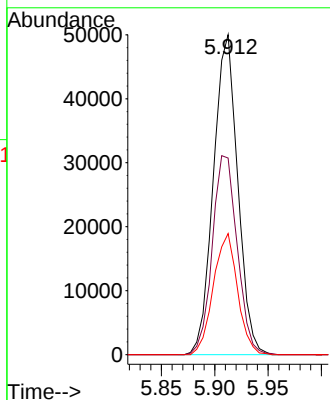
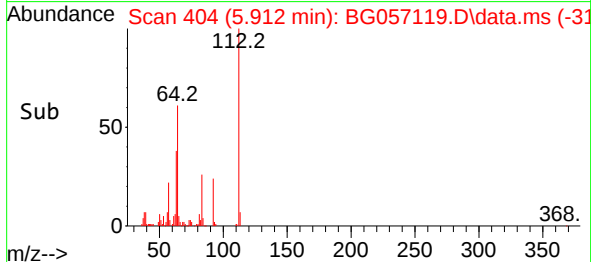
Instrument :
BNA_G
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Tgt Ion:112 Resp: 7914
Ion Ratio Lower Upper
112 100
64 61.5 53.2 79.8
63 37.9 32.6 48.8

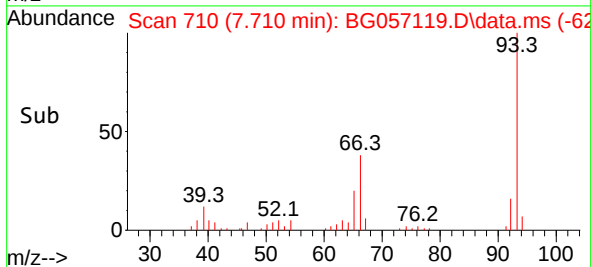
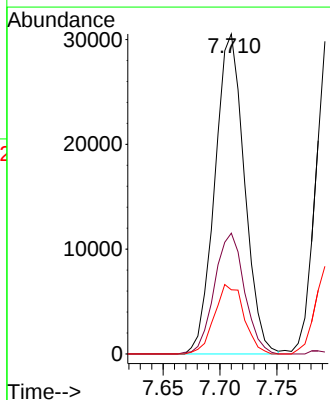
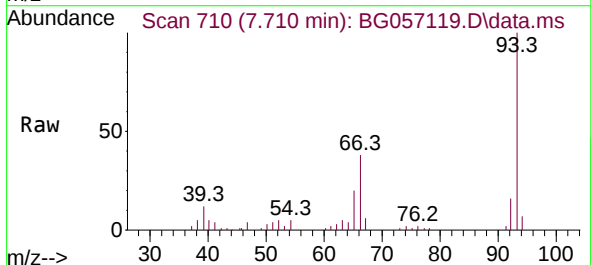
Manual Integrations
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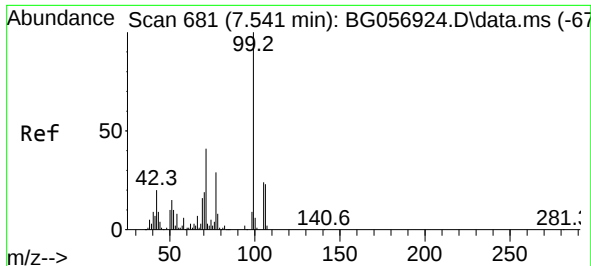
Reviewed By :Christian Giraldo 04/18/2023
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#6
Aniline
Concen: 29.190 ng
RT: 7.710 min Scan# 710
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

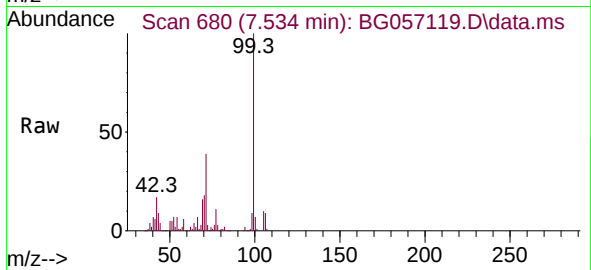
Tgt Ion: 93 Resp: 55158
Ion Ratio Lower Upper
93 100
66 37.7 31.4 47.0
65 20.1 17.3 25.9





#7
Phenol-d6
Concen: 114.083 ng
RT: 7.534 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

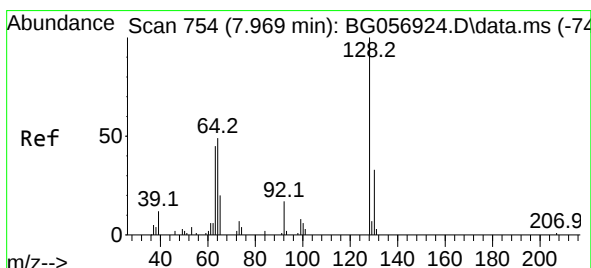
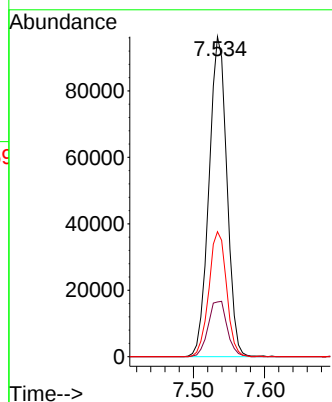
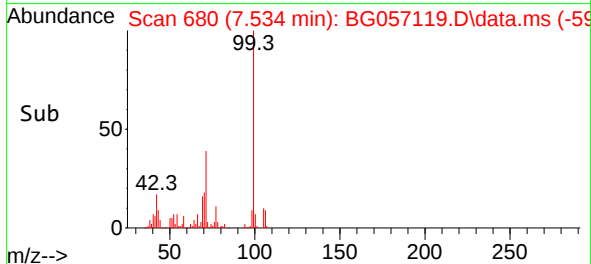
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 168620
Ion Ratio Lower Upper
99 100
42 17.1 15.7 23.5
71 39.0 32.5 48.7

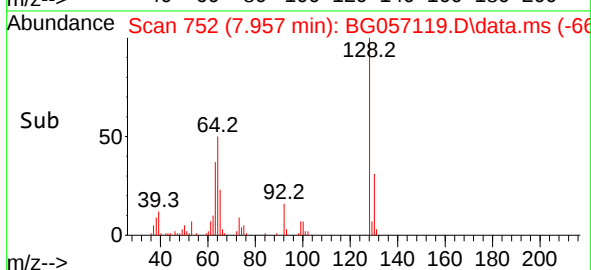
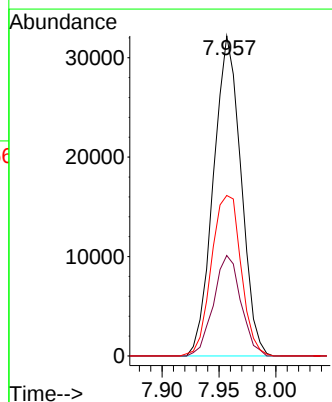
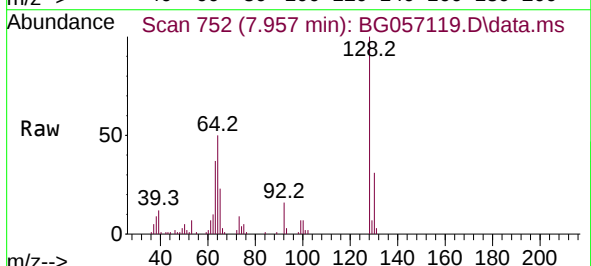
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#8
2-Chlorophenol
Concen: 55.094 ng
RT: 7.957 min Scan# 752
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

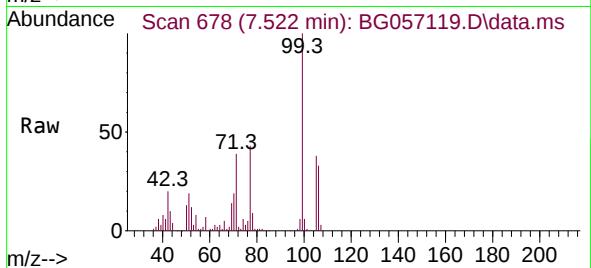
Tgt Ion:128 Resp: 54234
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 50.1 40.6 80.6





#9
Benzaldehyde
Concen: 42.341 ng
RT: 7.522 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

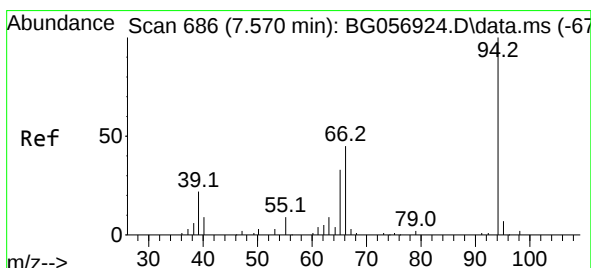
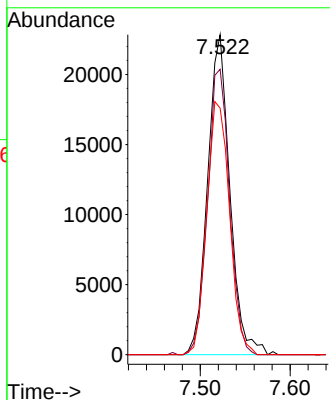
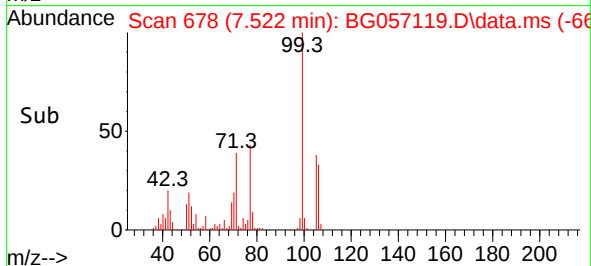
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion: 77 Resp: 39254
Ion Ratio Lower Upper
77 100
105 89.2 73.6 113.6
106 77.1 56.7 96.7

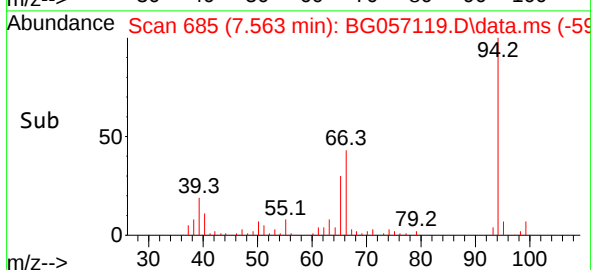
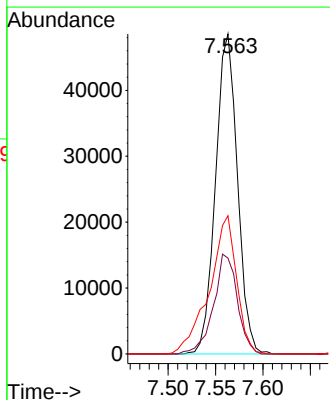
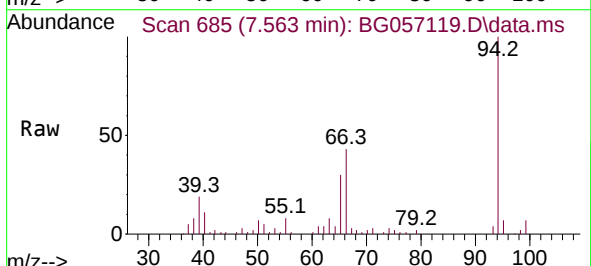
Manual Integrations
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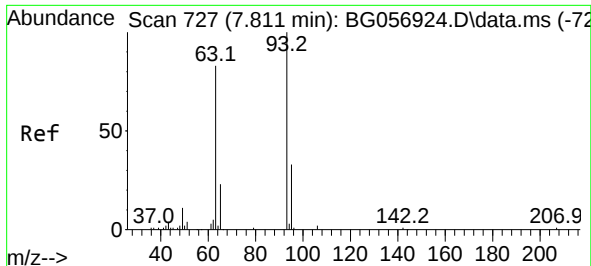
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#10
Phenol
Concen: 53.345 ng
RT: 7.563 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion: 94 Resp: 78130
Ion Ratio Lower Upper
94 100
65 29.9 13.3 53.3
66 43.2 26.7 66.7





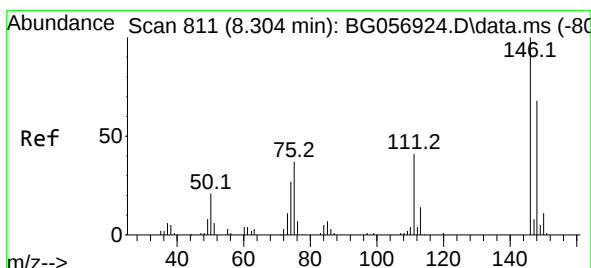
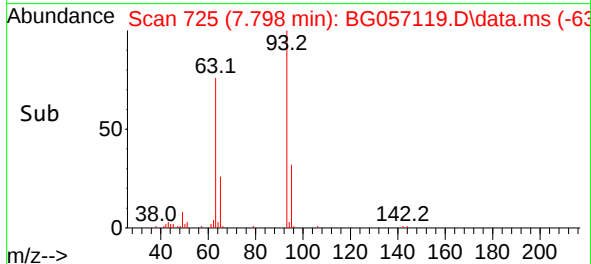
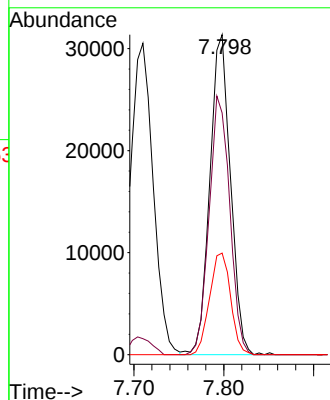
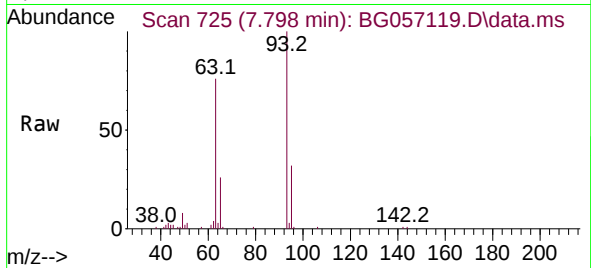
#11
bis(2-Chloroethyl)ether
Concen: 47.964 ng
RT: 7.798 min Scan# 719
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Tgt Ion: 93 Resp: 50040
Ion Ratio Lower Upper
93 100
63 75.5 62.7 102.7
95 31.7 12.3 52.3

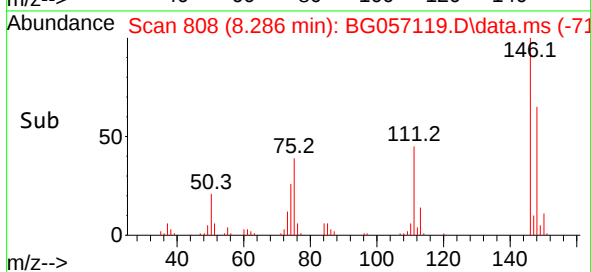
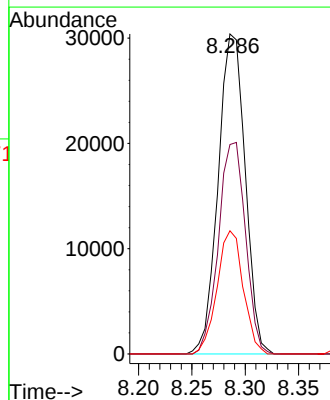
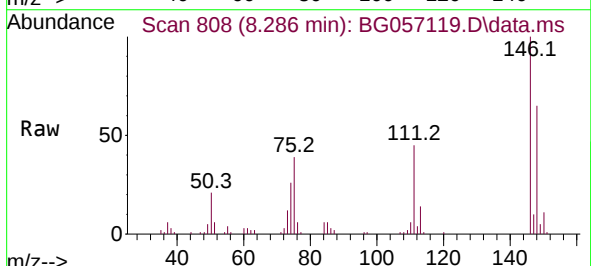
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#12
1,3-Dichlorobenzene
Concen: 49.281 ng
RT: 8.286 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:146 Resp: 53603
Ion Ratio Lower Upper
146 100
148 65.5 54.2 81.4
75 38.5 29.8 44.8





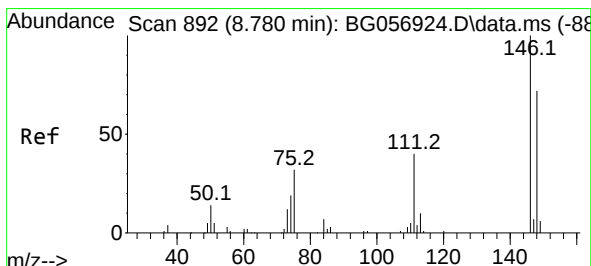
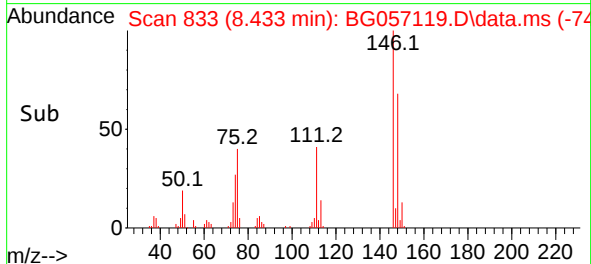
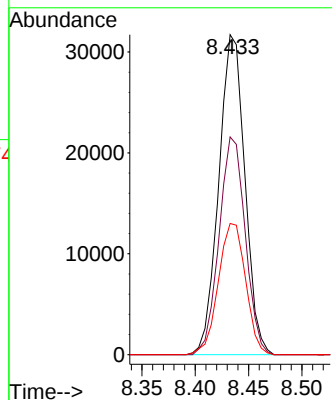
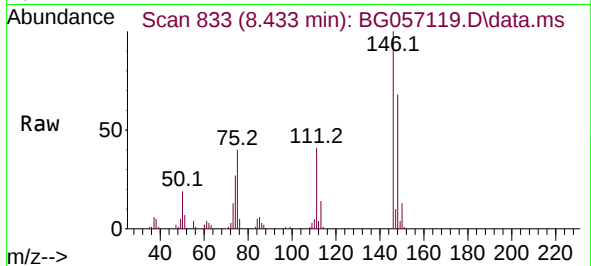
#13
1,4-Dichlorobenzene
Concen: 49.192 ng
RT: 8.433 min Scan# 811
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Tgt Ion:146 Resp: 5400
Ion Ratio Lower Upper
146 100
148 68.0 54.8 82.2
111 41.0 34.6 52.0

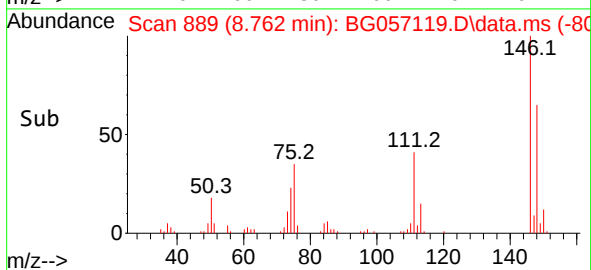
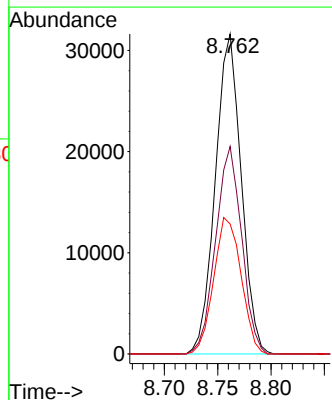
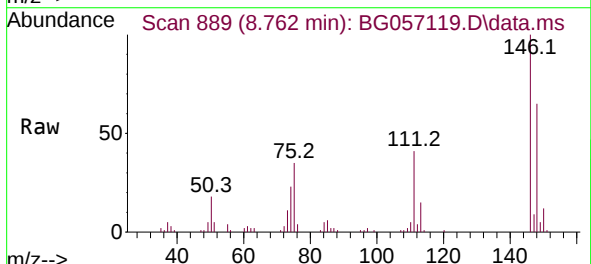
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#14
1,2-Dichlorobenzene
Concen: 50.354 ng
RT: 8.762 min Scan# 889
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

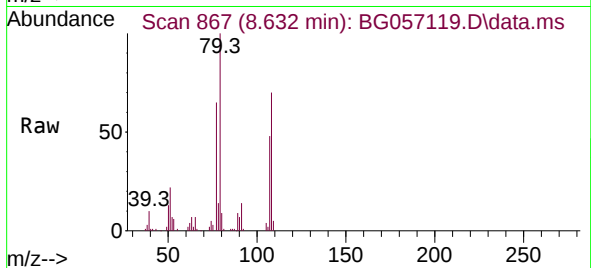
Tgt Ion:146 Resp: 53405
Ion Ratio Lower Upper
146 100
148 64.9 57.4 86.0
111 40.6 33.2 49.8





#15
Benzyl Alcohol
Concen: 47.553 ng
RT: 8.632 min Scan# 867
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

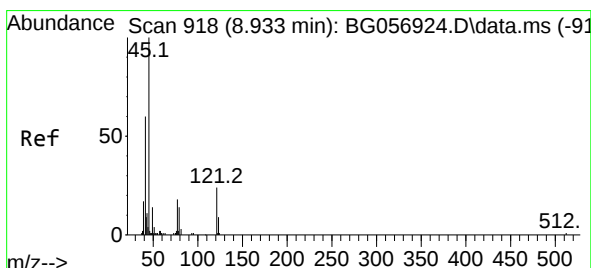
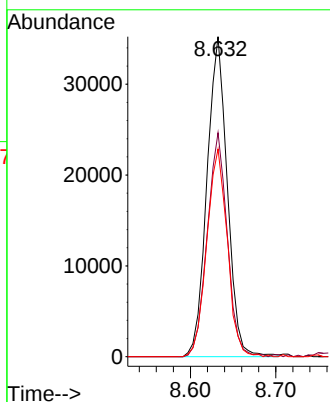
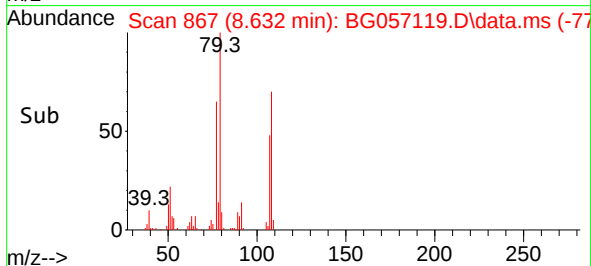
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion: 79 Resp: 58404
Ion Ratio Lower Upper
79 100
108 70.0 51.2 76.8
77 64.9 54.4 81.6

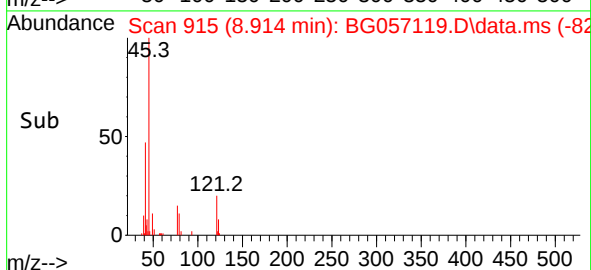
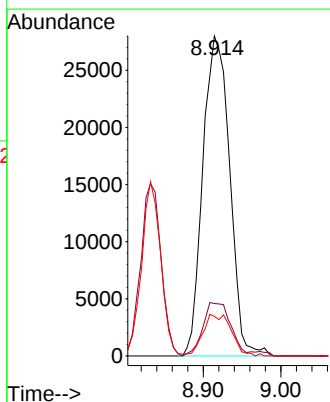
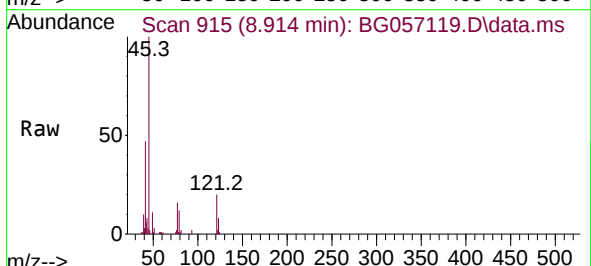
Manual Integrations
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Supervised By :Jagrut Upadhyay 04/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.579 ng
RT: 8.914 min Scan# 915
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion: 45 Resp: 67366
Ion Ratio Lower Upper
45 100
77 16.4 0.0 38.7
79 12.4 0.0 35.1





#17

2-Methylphenol

Concen: 49.374 ng

RT: 8.838 min Scan# 903

Delta R.T. -0.002 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

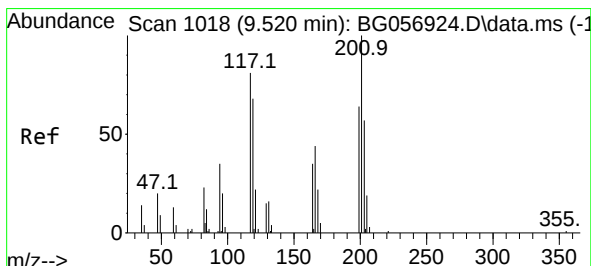
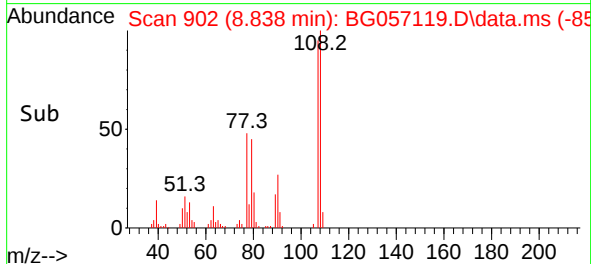
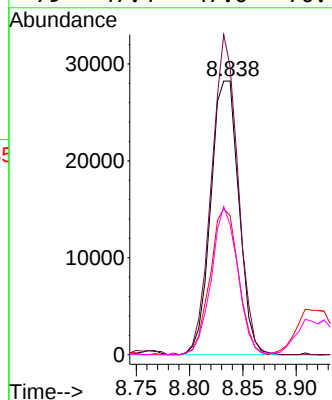
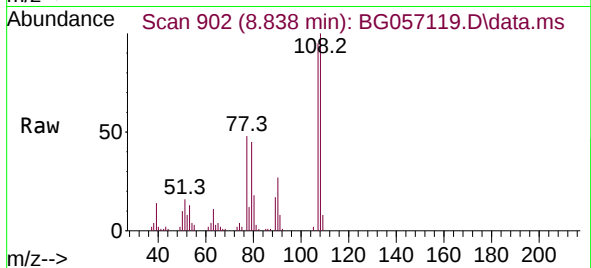
P2-S1-230413MS

Tgt Ion:	107	Resp:	5159
Ion Ratio	Lower	Upper	
107	100		
108	105.2	96.0	144.0
77	50.8	45.6	68.4
79	47.4	47.0	70.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#18

Hexachloroethane

Concen: 44.574 ng

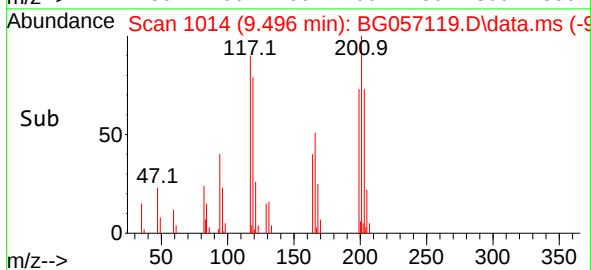
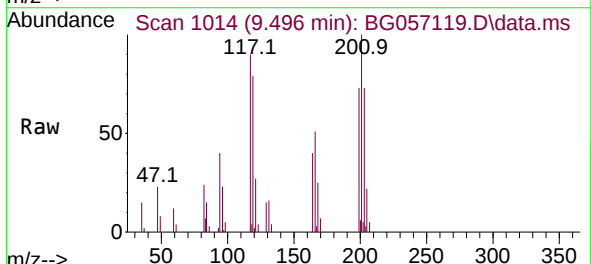
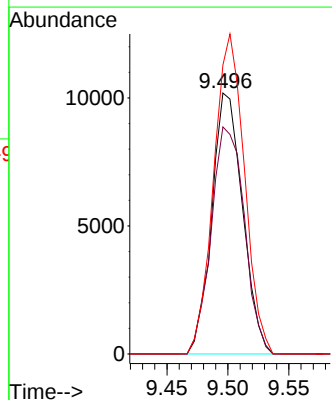
RT: 9.496 min Scan# 1014

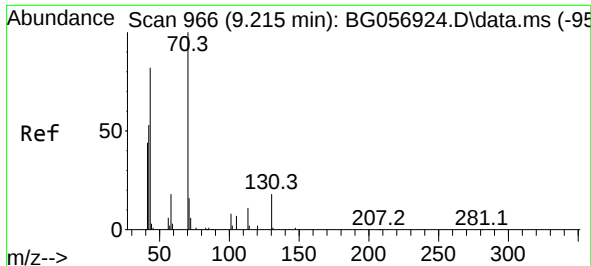
Delta R.T. -0.014 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

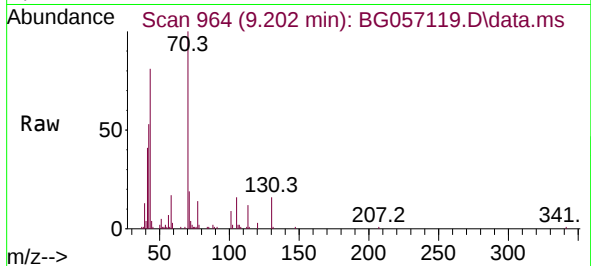
Tgt Ion:	117	Resp:	17885
Ion Ratio	Lower	Upper	
117	100		
119	87.0	67.0	100.6
201	110.8	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 45.024 ng
RT: 9.202 min Scan# 90
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

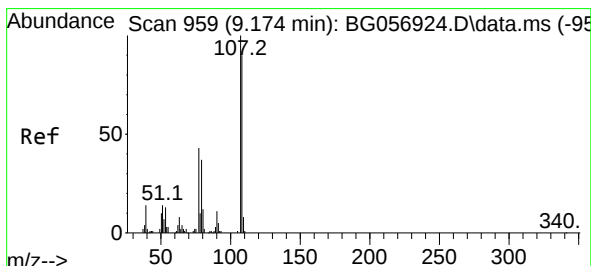
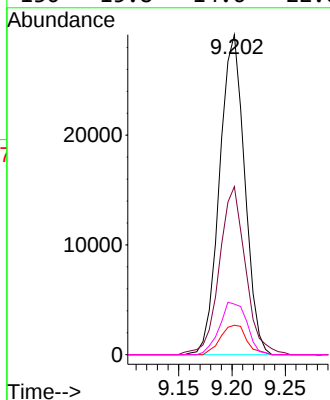
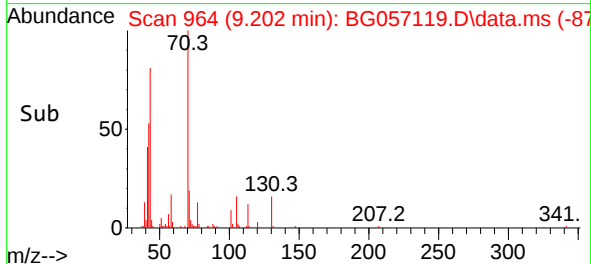
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



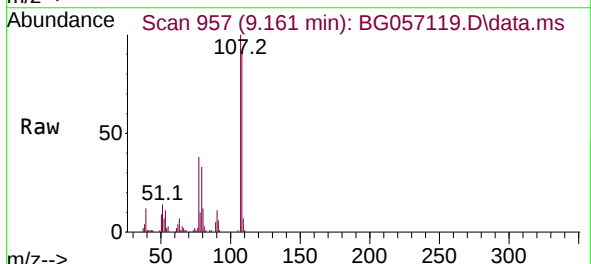
Tgt Ion: 70 Resp: 4760
Ion Ratio Lower Upper
70 100
42 52.5 43.4 65.0
101 9.2 6.2 9.2
130 15.8 14.6 22.0

Manual Integrations
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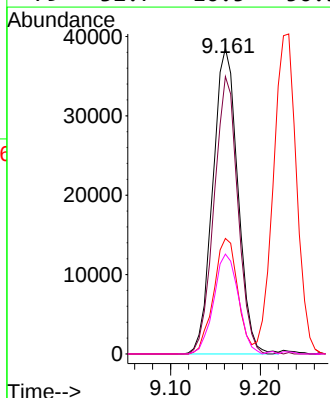
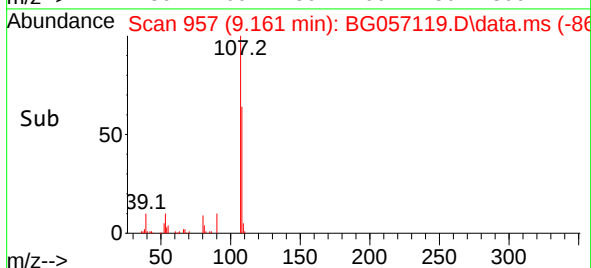
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

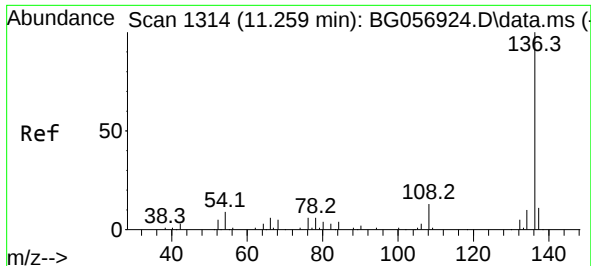


#20
3+4-Methylphenols
Concen: 50.919 ng
RT: 9.161 min Scan# 957
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:107 Resp: 74399
Ion Ratio Lower Upper
107 100
108 90.7 69.9 109.9
77 37.8 22.7 62.7
79 32.7 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.241 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

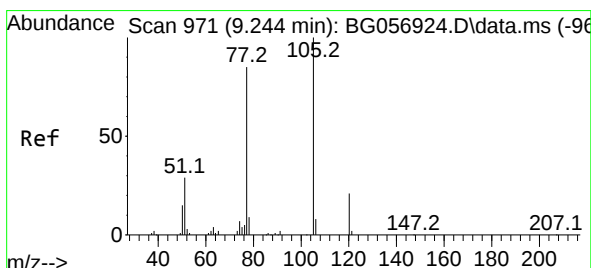
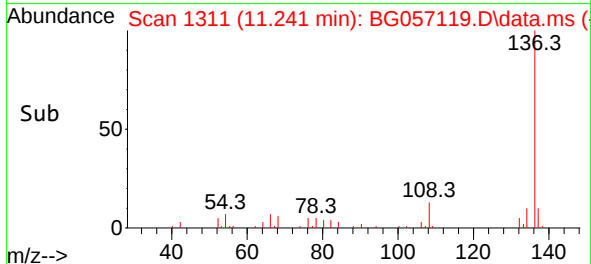
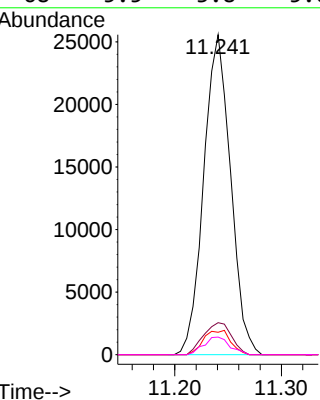
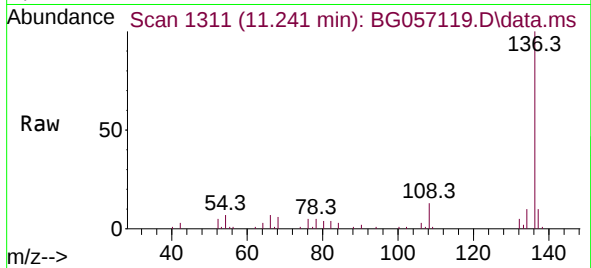
ClientSampleId :

P2-S1-230413MS

Tgt Ion:136 Resp: 4470
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 7.0 6.9 10.3
68 5.5 3.8 5.6

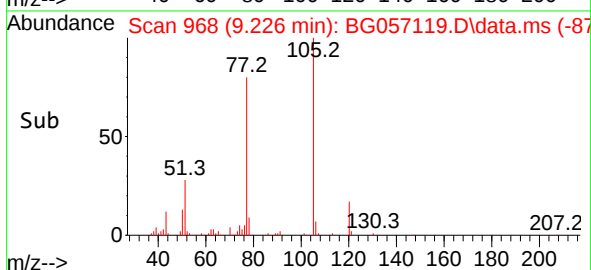
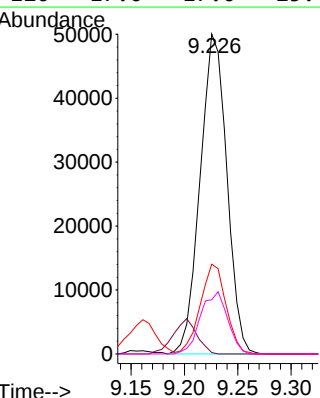
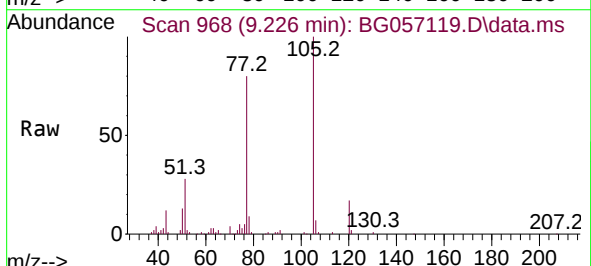
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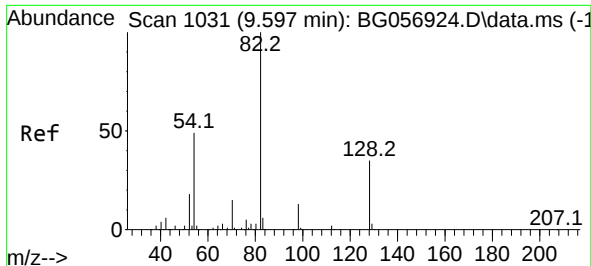
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#22
Acetophenone
Concen: 65.509 ng
RT: 9.226 min Scan# 968
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:105 Resp: 87135
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 28.1 23.8 35.8
120 17.0 17.0 25.4





#23
Nitrobenzene-d5
Concen: 77.103 ng
RT: 9.578 min Scan# 1031
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

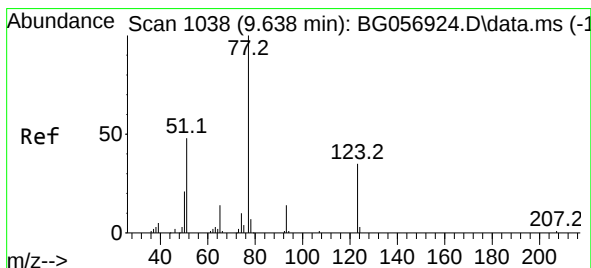
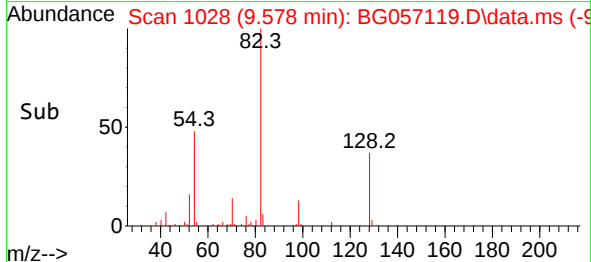
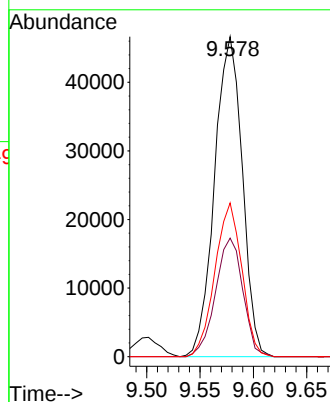
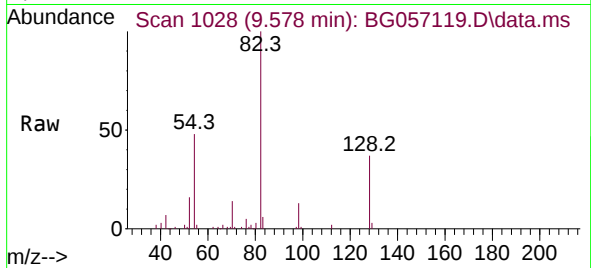
P2-S1-230413MS

Tgt Ion: 82 Resp: 8423
Ion Ratio Lower Upper
82 100
128 37.1 27.9 41.9
54 48.1 39.4 59.2

Manual Integrations

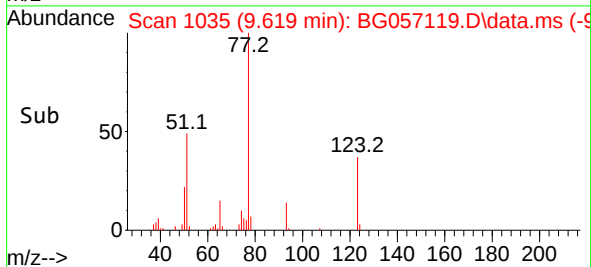
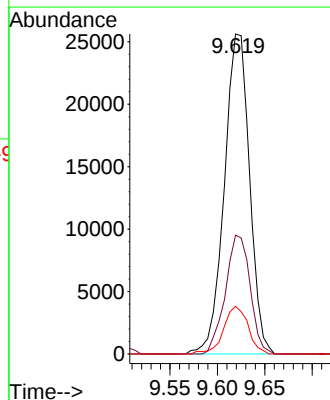
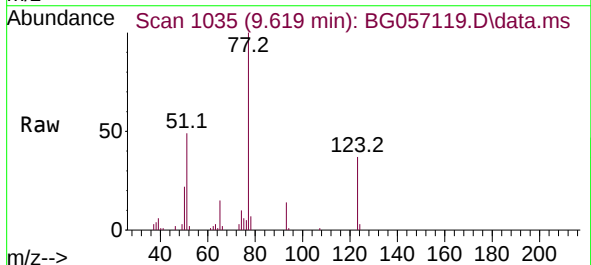
APPROVED

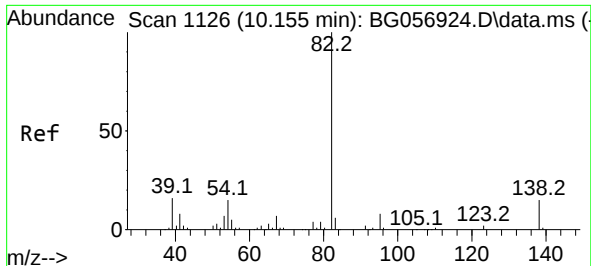
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#24
Nitrobenzene
Concen: 42.435 ng
RT: 9.619 min Scan# 1035
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion: 77 Resp: 47397
Ion Ratio Lower Upper
77 100
123 37.1 27.6 41.4
65 14.9 11.5 17.3





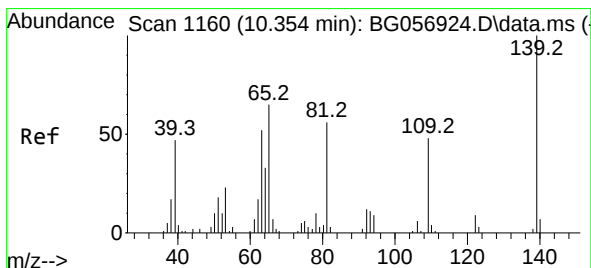
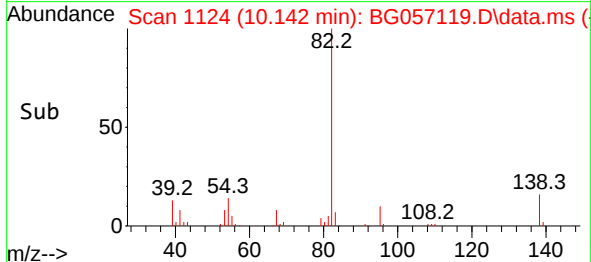
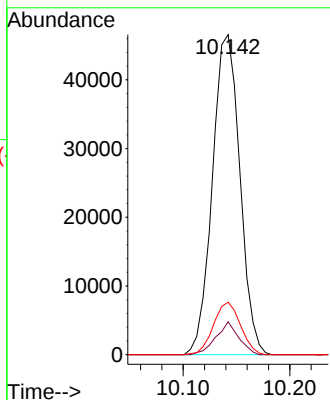
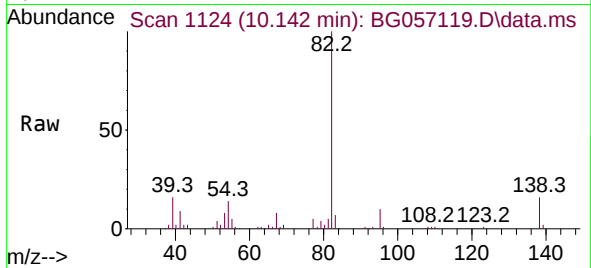
#25
Isophorone
Concen: 40.069 ng
RT: 10.142 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Tgt Ion: 82 Resp: 83350
Ion Ratio Lower Upper
82 100
95 10.3 6.3 9.5
138 16.4 11.8 17.8

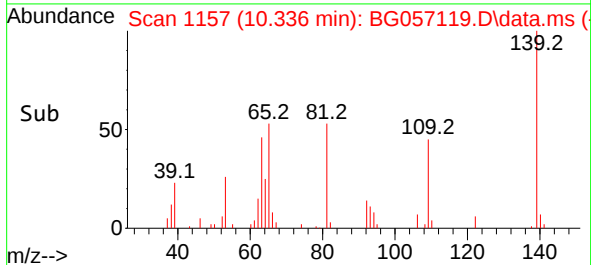
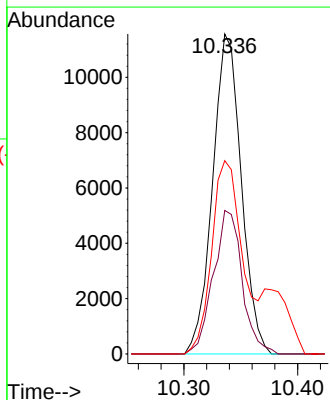
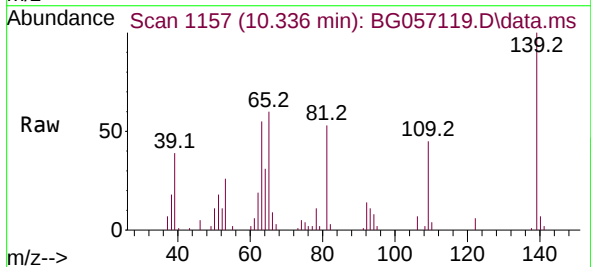
Manual Integrations
APPROVED

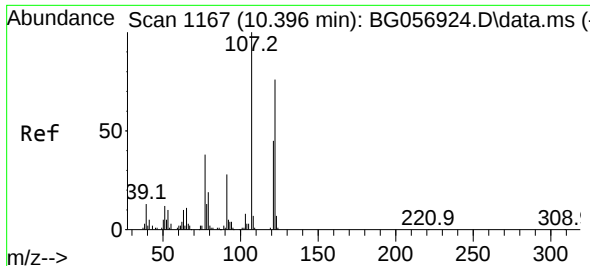
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#26
2-Nitrophenol
Concen: 46.950 ng
RT: 10.336 min Scan# 1157
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

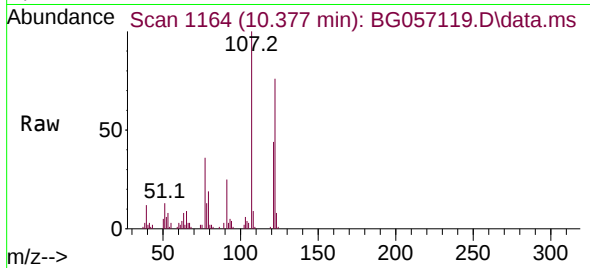
Tgt Ion:139 Resp: 20241
Ion Ratio Lower Upper
139 100
109 44.8 38.2 57.4
65 60.4 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 46.015 ng
RT: 10.377 min Scan# 1164
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

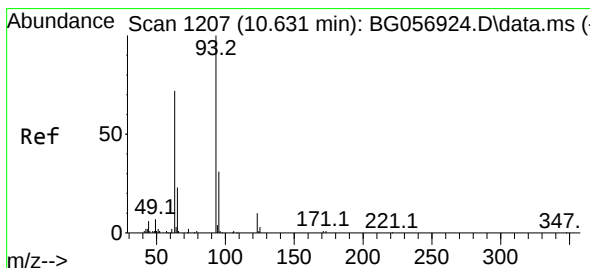
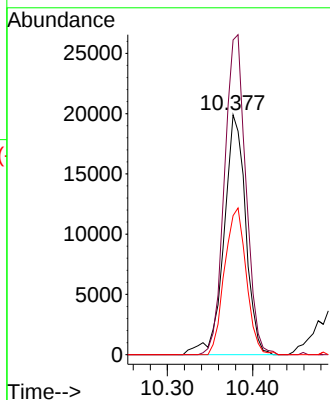
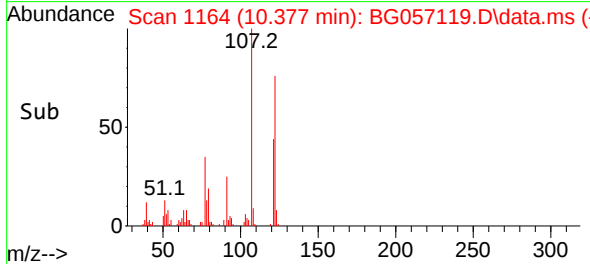
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:122 Resp: 35020
Ion Ratio Lower Upper
122 100
107 131.2 105.7 158.5
121 58.0 48.0 72.0

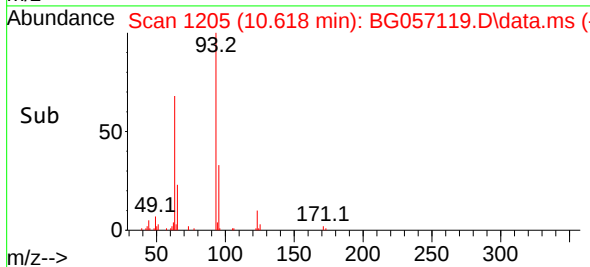
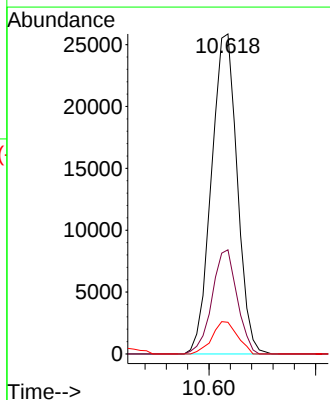
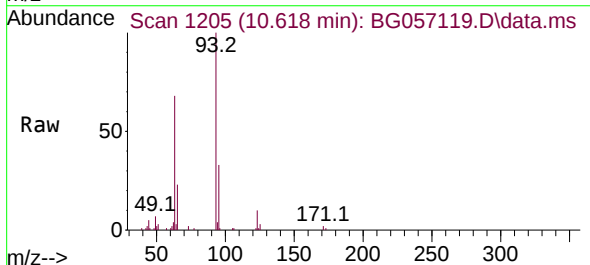
Manual Integrations
APPROVED

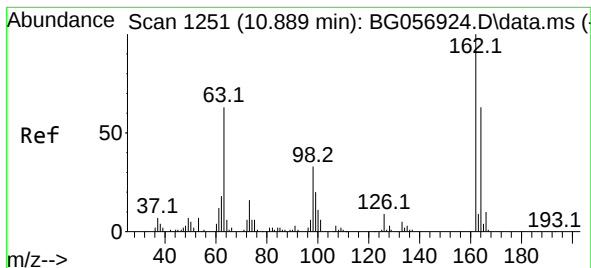
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.594 ng
RT: 10.618 min Scan# 1205
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion: 93 Resp: 43320
Ion Ratio Lower Upper
93 100
95 32.6 24.6 37.0
123 9.9 7.8 11.6





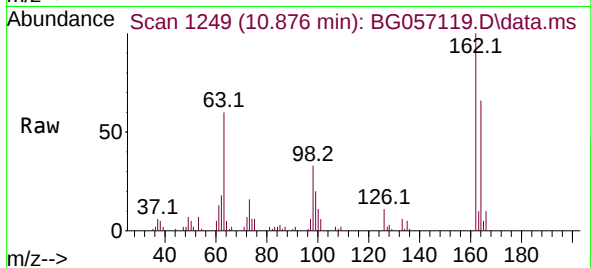
#29
2,4-Dichlorophenol
Concen: 46.646 ng
RT: 10.876 min Scan# 1249
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

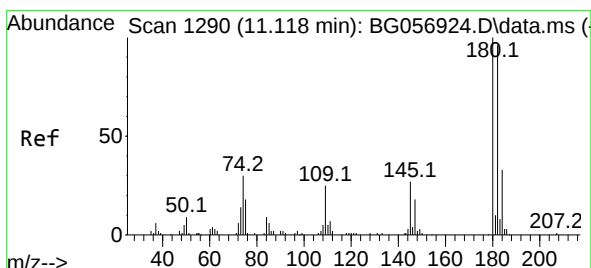
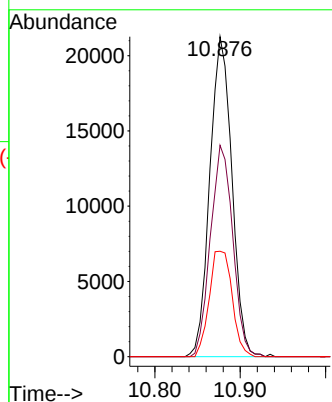
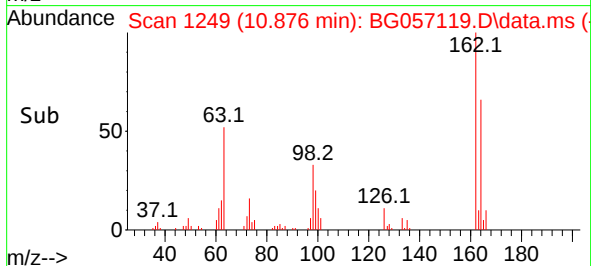


Tgt Ion:162 Resp: 3818
Ion Ratio Lower Upper
162 100
164 66.1 43.4 83.4
98 33.0 12.5 52.5

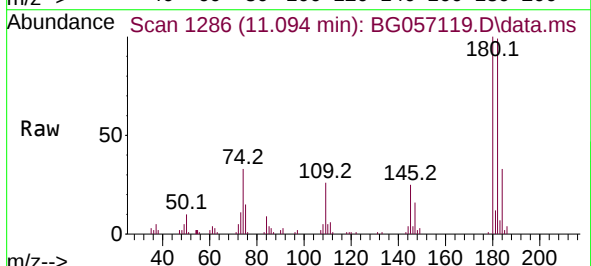
Manual Integrations

APPROVED

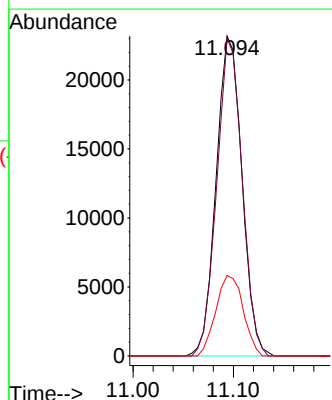
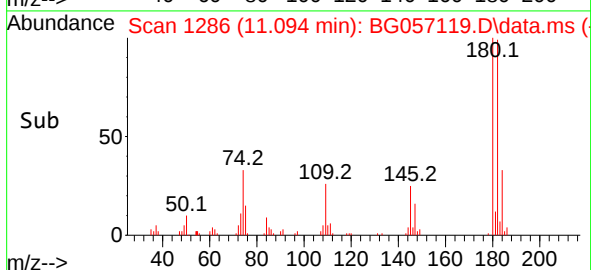
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

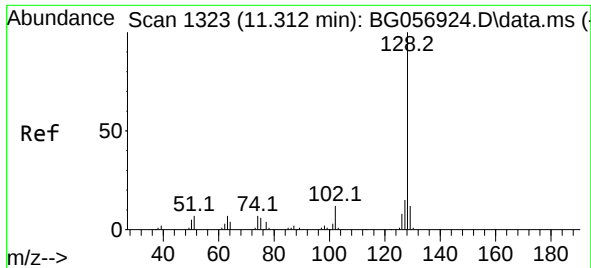


#30
1,2,4-Trichlorobenzene
Concen: 47.531 ng
RT: 11.094 min Scan# 1286
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



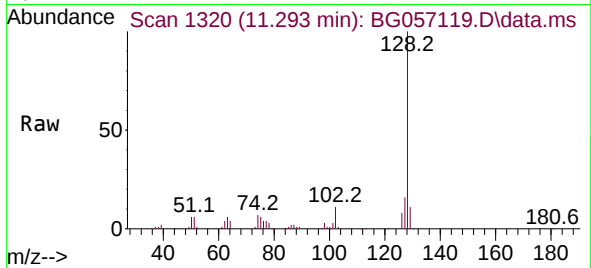
Tgt Ion:180 Resp: 41343
Ion Ratio Lower Upper
180 100
182 99.3 77.1 115.7
145 25.1 21.3 31.9





#31
Naphthalene
Concen: 45.546 ng
RT: 11.293 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

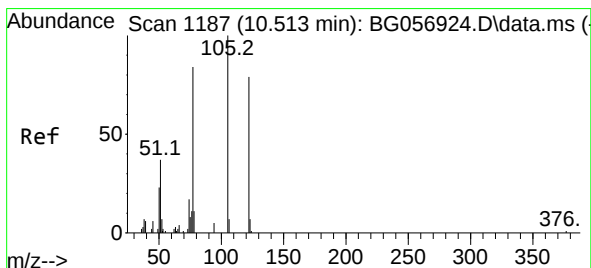
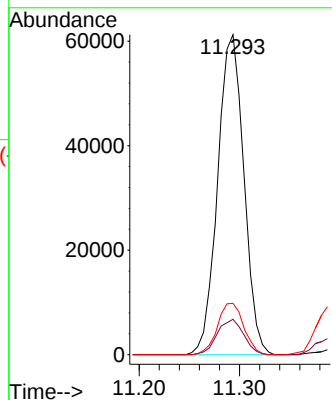
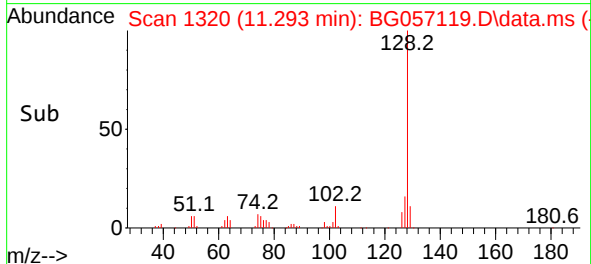
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:128 Resp: 110974
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 16.0 12.2 18.4

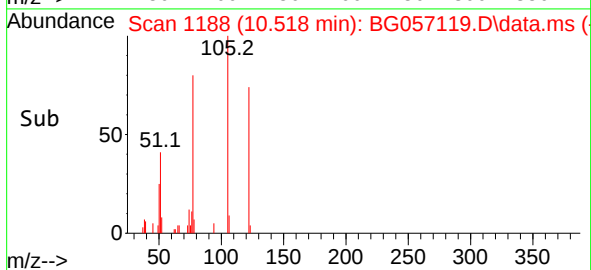
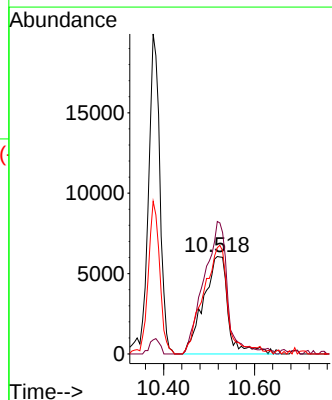
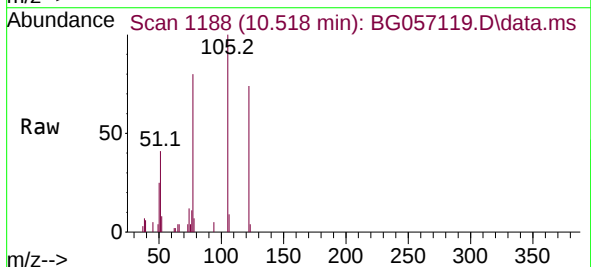
Manual Integrations
APPROVED

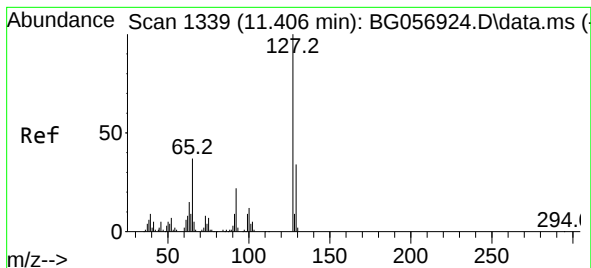
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#32
Benzoic acid
Concen: 43.958 ng m
RT: 10.518 min Scan# 1188
Delta R.T. 0.010 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

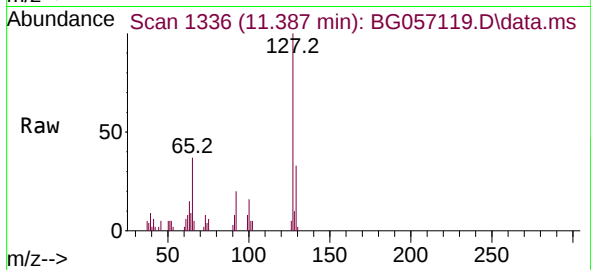
Tgt Ion:122 Resp: 22984
Ion Ratio Lower Upper
122 100
105 135.8 105.4 145.4
77 109.0 87.4 127.4





#33
4-Chloroaniline
Concen: 17.812 ng
RT: 11.387 min Scan# 1136
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

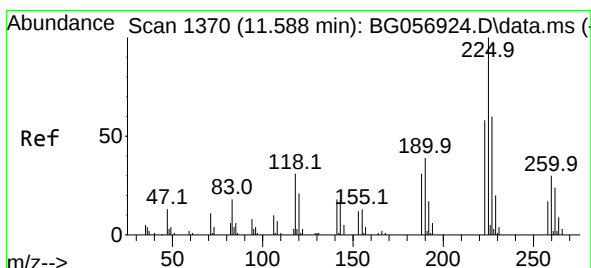
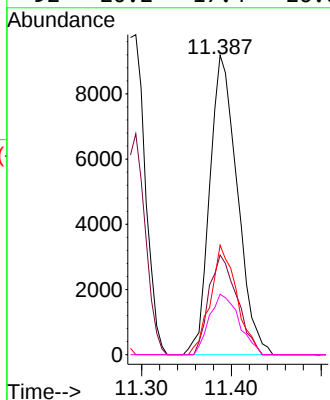
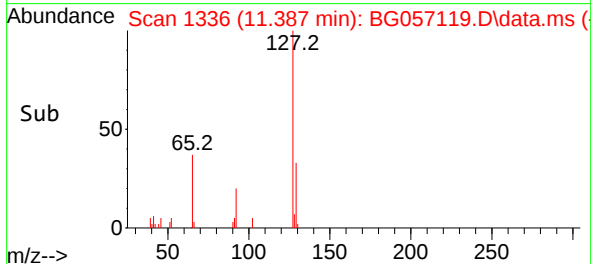
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.6	41.4
65	36.5	29.8	44.8
92	20.2	17.4	26.0

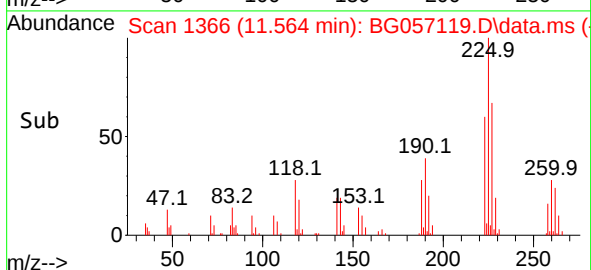
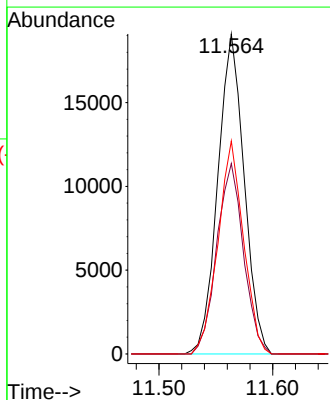
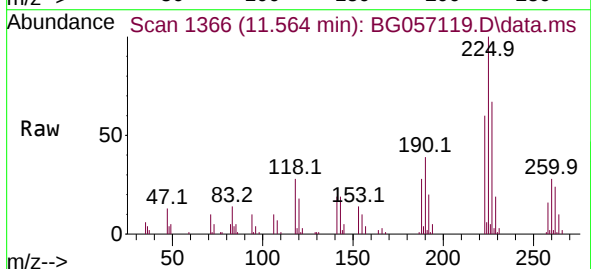
Manual Integrations
APPROVED

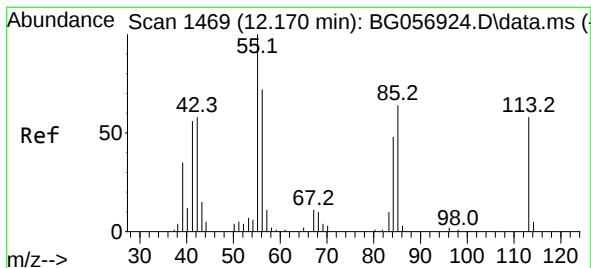
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#34
Hexachlorobutadiene
Concen: 47.077 ng
RT: 11.564 min Scan# 1366
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	46.4	69.6
227	66.5	48.0	72.0





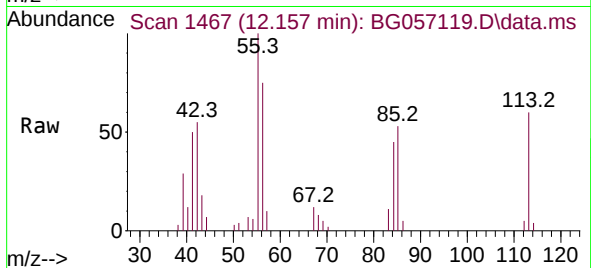
#35
Caprolactam
Concen: 50.097 ng m
RT: 12.157 min Scan# 1467
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

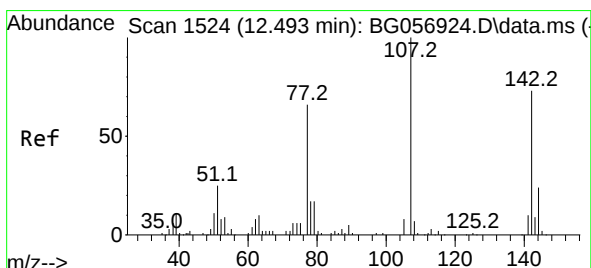
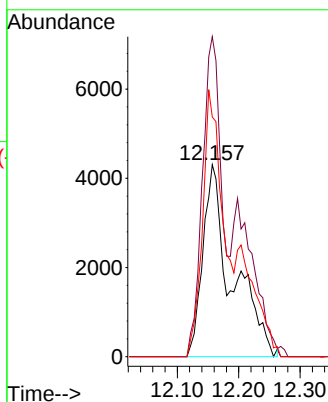
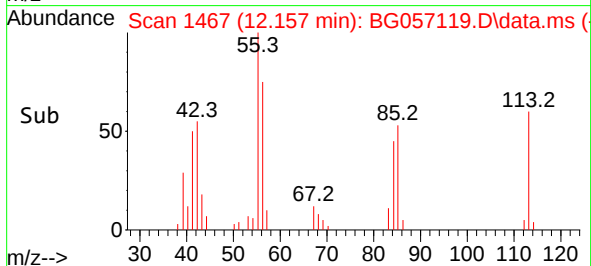


Tgt Ion:113 Resp: 1414
Ion Ratio Lower Upper
113 100
55 166.7 151.6 191.6
56 124.8 103.7 143.7

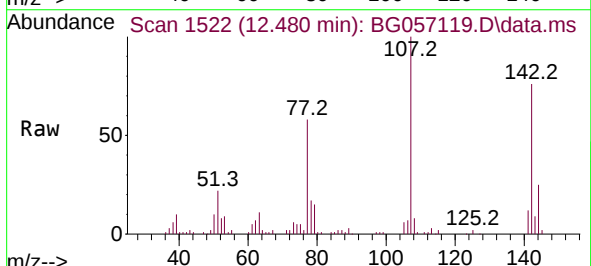
Manual Integrations

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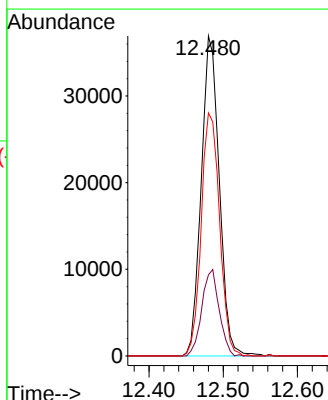
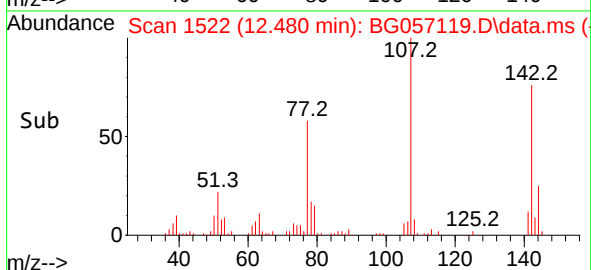
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

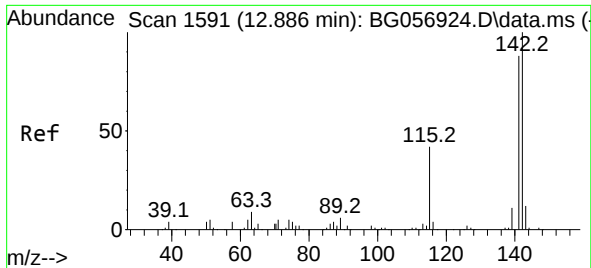


#36
4-Chloro-3-methylphenol
Concen: 68.358 ng
RT: 12.480 min Scan# 1522
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:107 Resp: 62580
Ion Ratio Lower Upper
107 100
144 25.4 19.0 28.4
142 75.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 63.703 ng

RT: 12.868 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

Tgt Ion:142 Resp: 12318

Ion Ratio Lower Upper

142 100

141 91.2 70.3 105.5

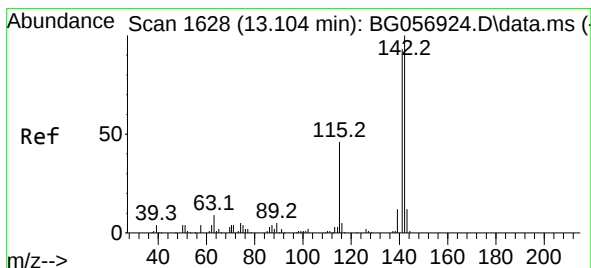
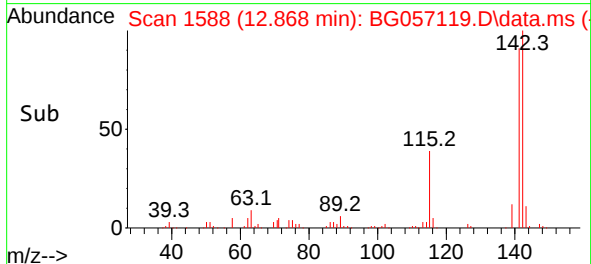
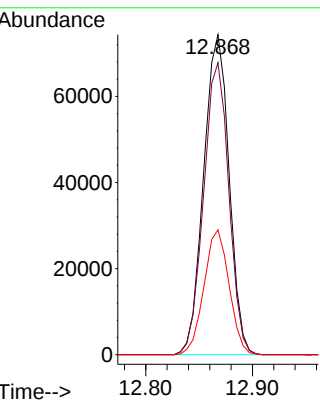
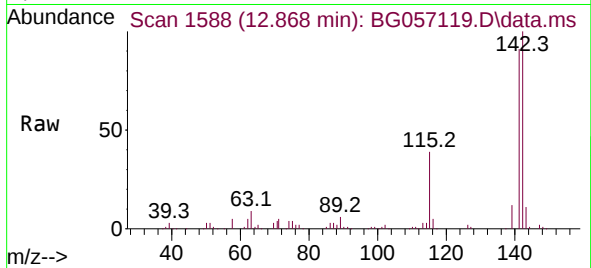
115 39.1 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#38

1-Methylnaphthalene

Concen: 63.174 ng

RT: 13.085 min Scan# 1625

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

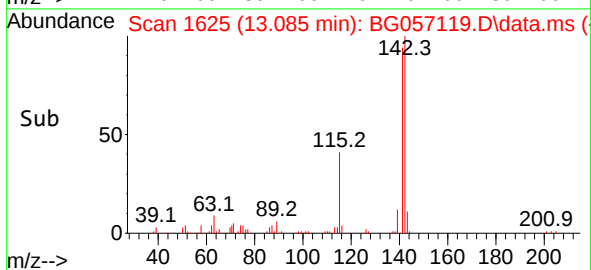
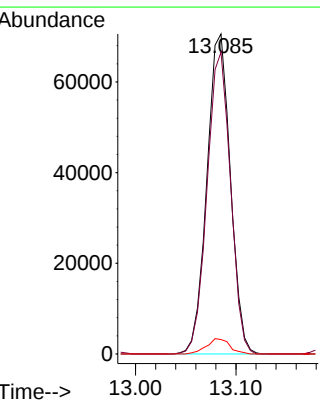
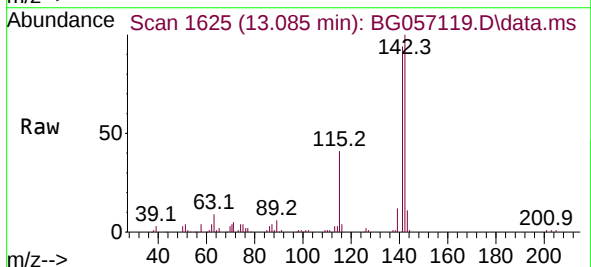
Tgt Ion:142 Resp: 114712

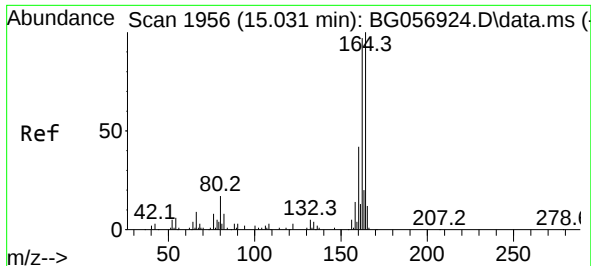
Ion Ratio Lower Upper

142 100

141 94.3 74.0 111.0

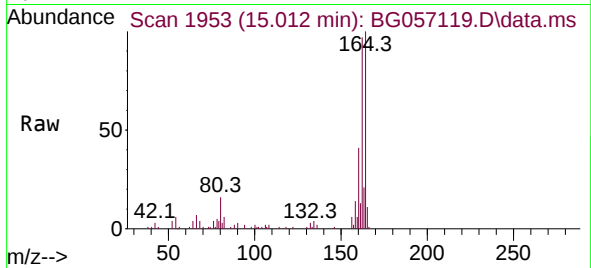
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.012 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

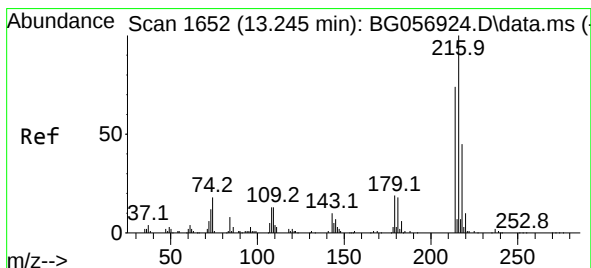
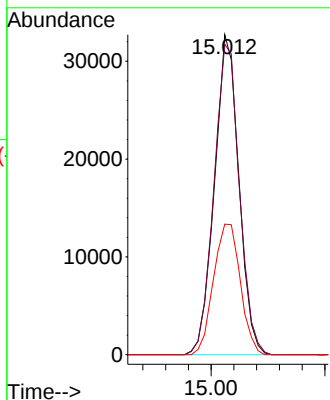
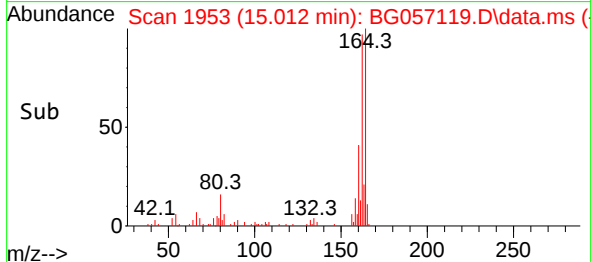
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



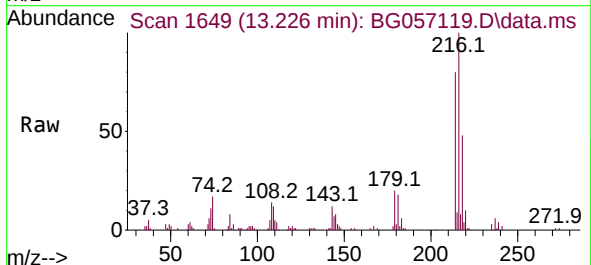
Tgt Ion:164 Resp: 48684
Ion Ratio Lower Upper
164 100
162 97.0 77.8 116.8
160 40.8 33.5 50.3

Manual Integrations
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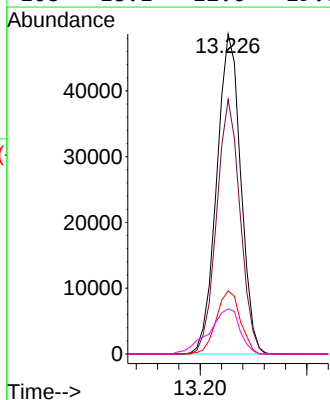
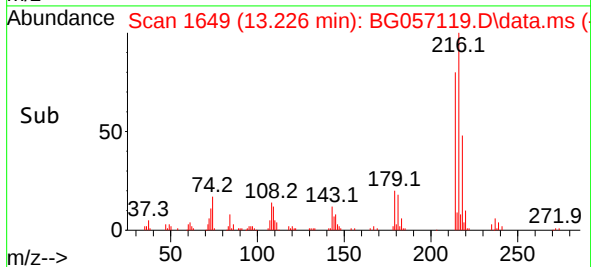
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

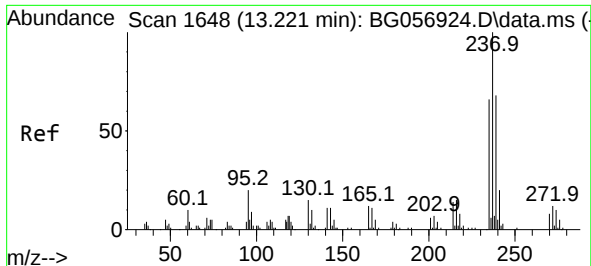


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.167 ng
RT: 13.226 min Scan# 1649
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



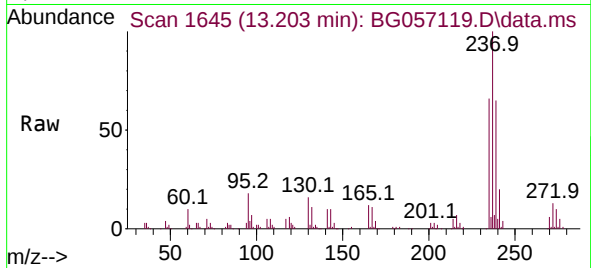
Tgt Ion:216 Resp: 76252
Ion Ratio Lower Upper
216 100
214 77.4 63.3 94.9
179 19.7 15.0 22.6
108 18.1 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 93.415 ng
RT: 13.203 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

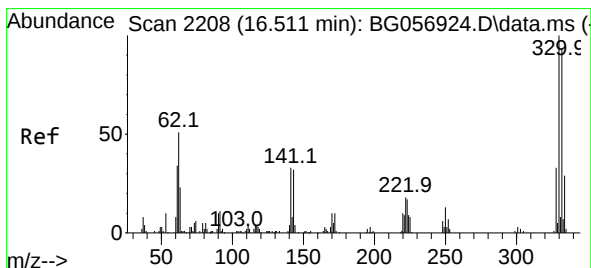
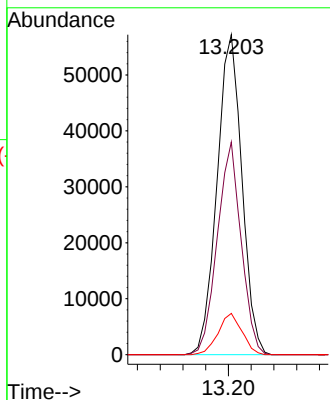
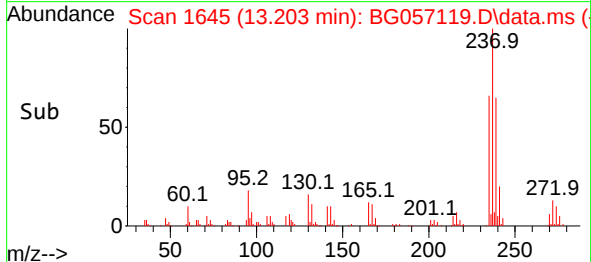
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



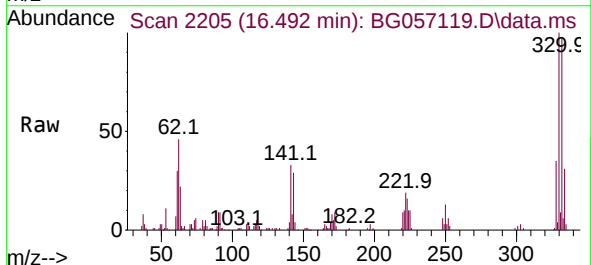
Tgt Ion:237 Resp: 86892
Ion Ratio Lower Upper
237 100
235 66.5 45.9 85.9
272 12.9 0.0 32.3

Manual Integrations
APPROVED

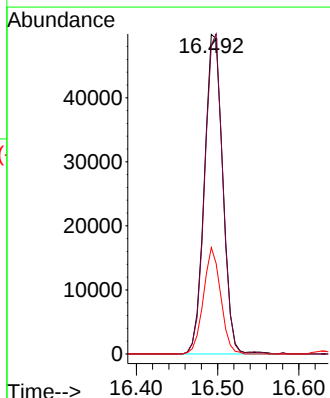
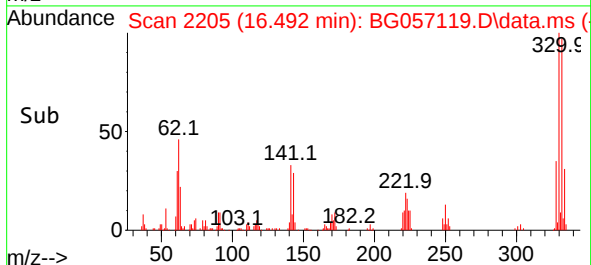
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

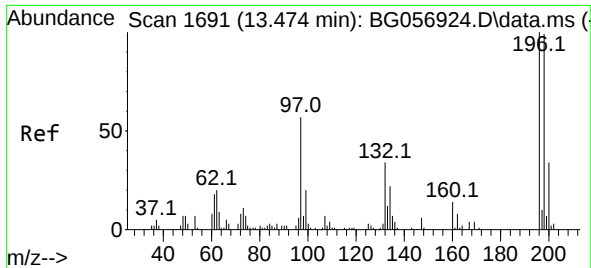


#42
2,4,6-Tribromophenol
Concen: 100.767 ng
RT: 16.492 min Scan# 2205
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:330 Resp: 78371
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 31.2 25.8 38.6





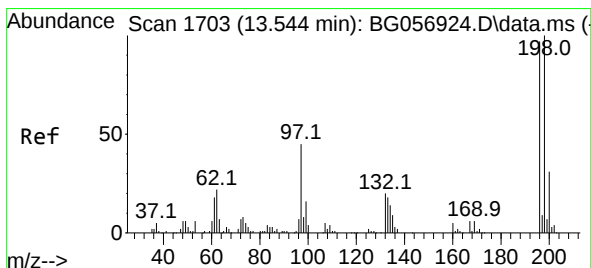
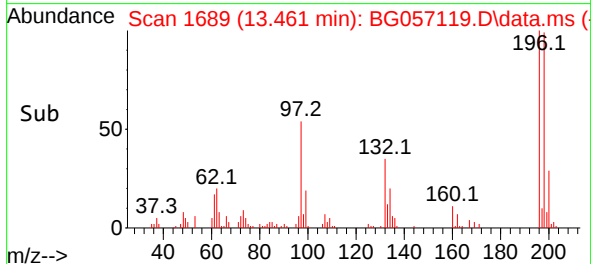
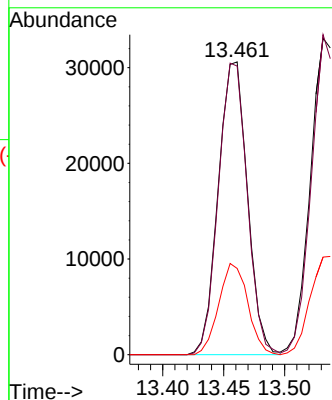
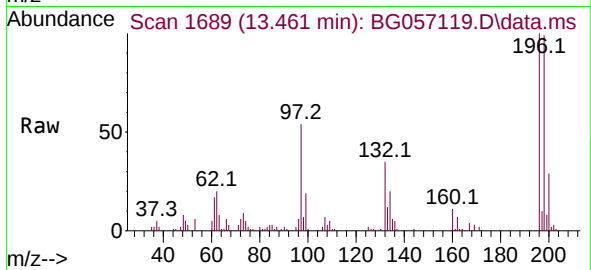
#43
2,4,6-Trichlorophenol
Concen: 47.354 ng
RT: 13.461 min Scan# 1701
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Tgt Ion:196 Resp: 5101
Ion Ratio Lower Upper
196 100
198 98.6 79.1 118.7
200 29.5 27.2 40.8

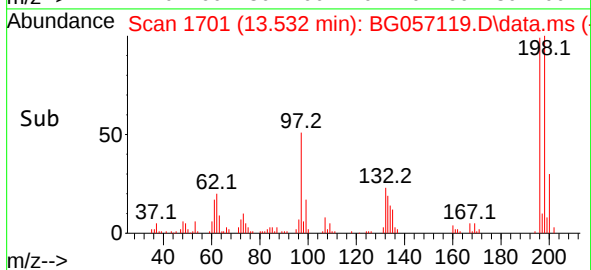
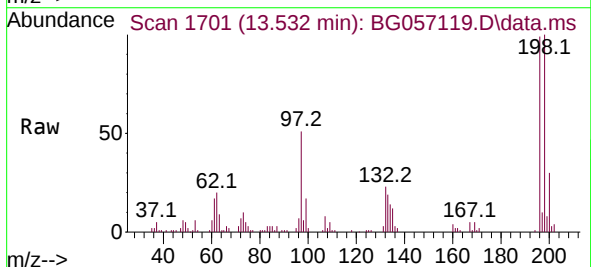
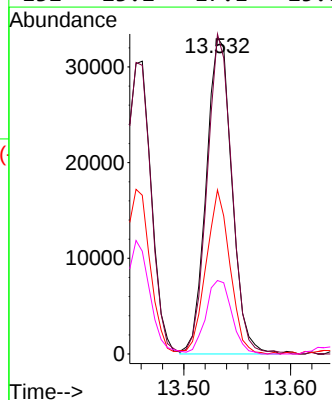
Manual Integrations
APPROVED

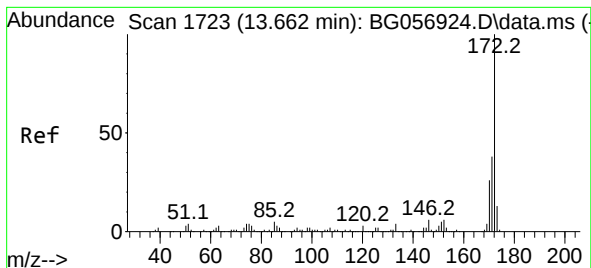
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#44
2,4,5-Trichlorophenol
Concen: 43.534 ng
RT: 13.532 min Scan# 1701
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

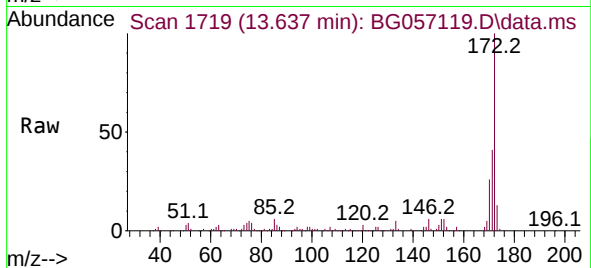
Tgt Ion:196 Resp: 55561
Ion Ratio Lower Upper
196 100
198 101.1 82.5 123.7
97 51.8 37.0 55.6
132 23.2 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 57.892 ng
RT: 13.637 min Scan# 1719
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

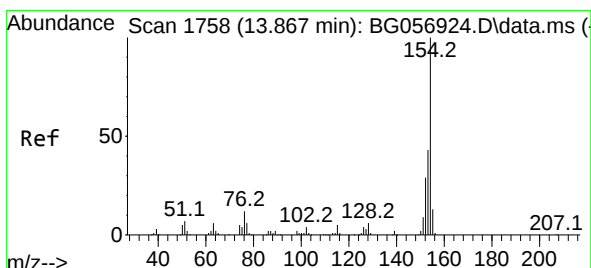
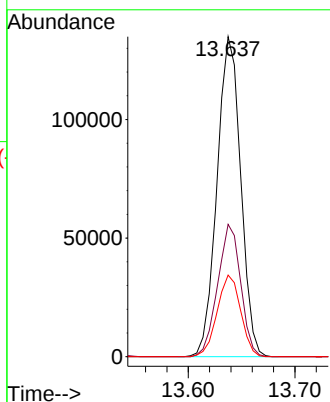
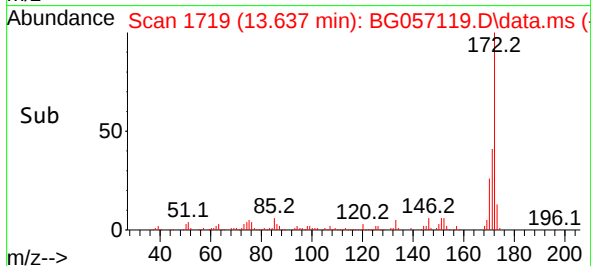
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



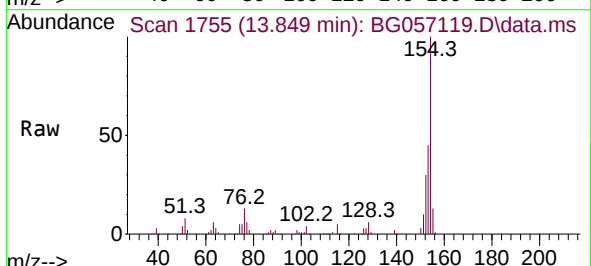
Tgt Ion:172 Resp: 207840
Ion Ratio Lower Upper
172 100
171 41.4 30.6 46.0
170 25.5 20.6 30.8

Manual Integrations
APPROVED

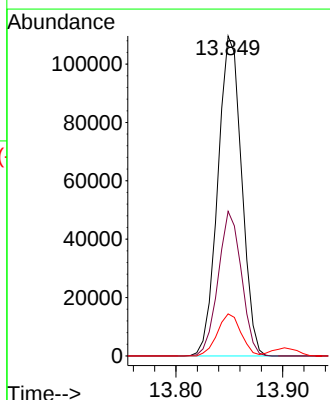
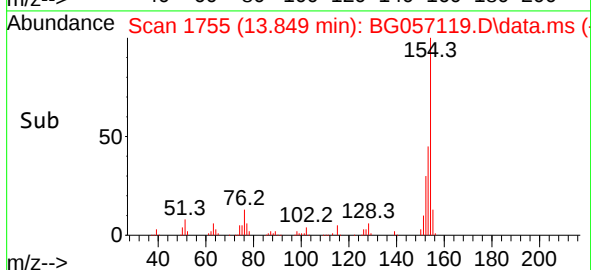
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

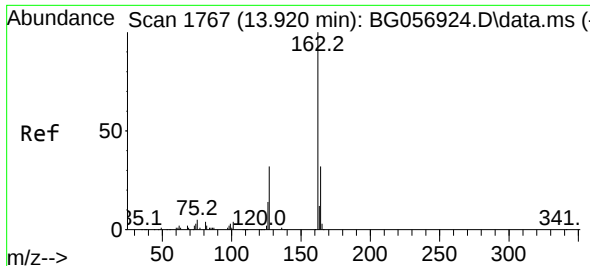


#46
1,1'-Biphenyl
Concen: 47.717 ng
RT: 13.849 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:154 Resp: 170053
Ion Ratio Lower Upper
154 100
153 45.2 23.4 63.4
76 13.2 0.0 31.6





#47
2-Chloronaphthalene
Concen: 50.133 ng
RT: 13.902 min Scan# 1764
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

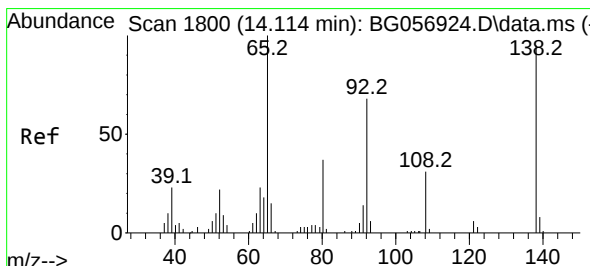
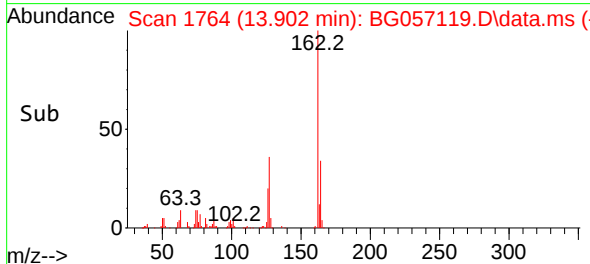
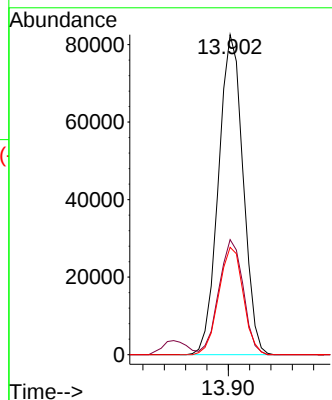
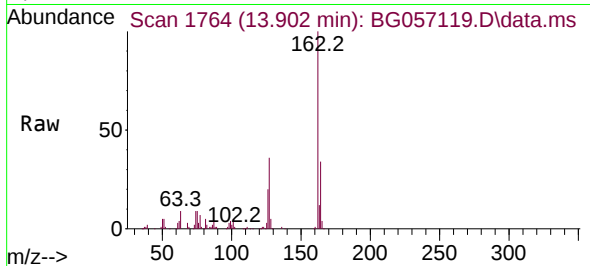
P2-S1-230413MS

Tgt Ion:162 Resp: 132139
Ion Ratio Lower Upper
162 100
127 36.0 29.5 44.3
164 33.6 25.5 38.3

Manual Integrations

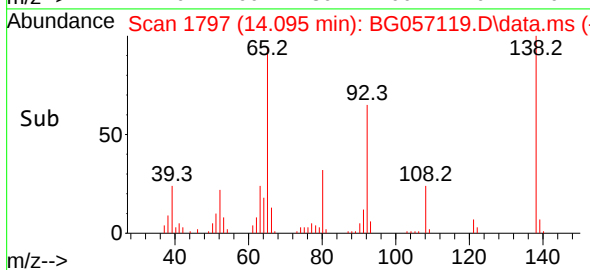
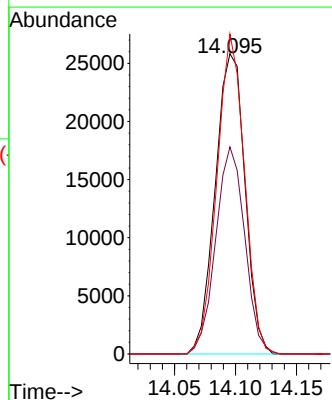
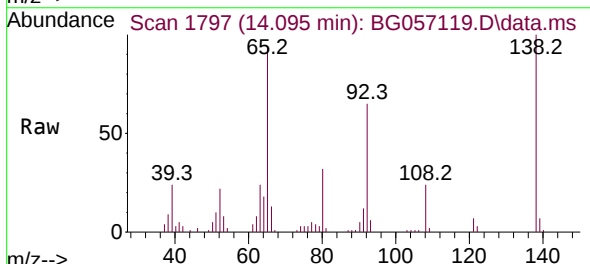
APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#48
2-Nitroaniline
Concen: 46.474 ng
RT: 14.095 min Scan# 1797
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion: 65 Resp: 43801
Ion Ratio Lower Upper
65 100
92 68.9 54.3 81.5
138 106.6 76.0 114.0





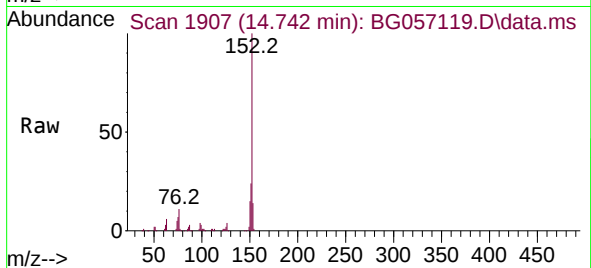
#49
Acenaphthylene
Concen: 47.902 ng
RT: 14.742 min Scan# 1910
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

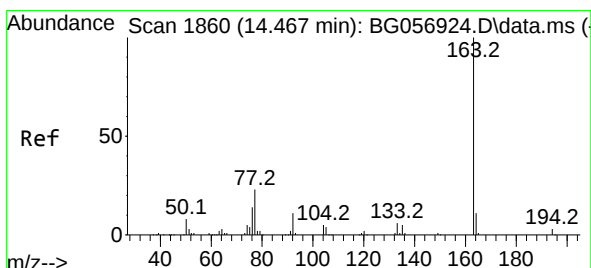
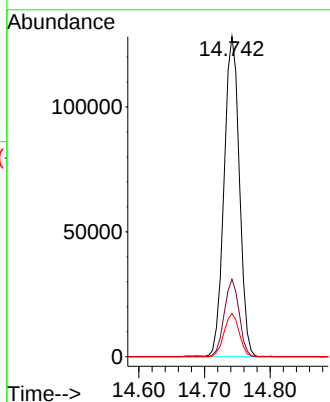
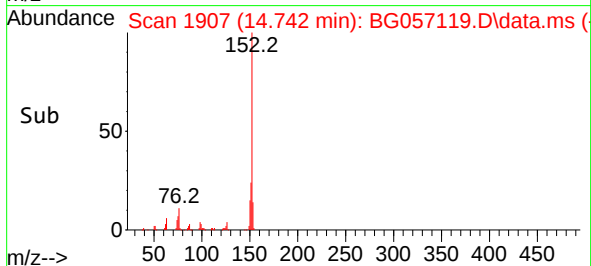


Tgt Ion:152 Resp: 207448
Ion Ratio Lower Upper
152 100
151 24.2 18.2 27.2
153 13.5 10.5 15.7

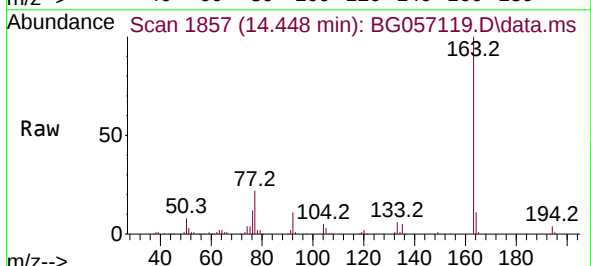
Manual Integrations

APPROVED

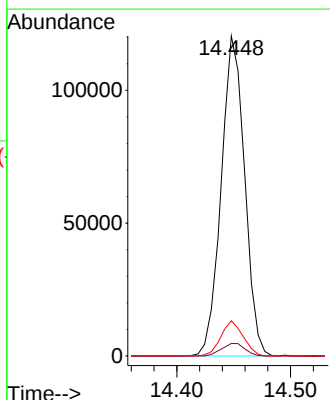
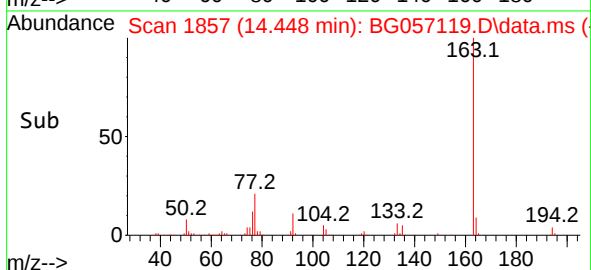
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#50
Dimethylphthalate
Concen: 44.905 ng
RT: 14.448 min Scan# 1857
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



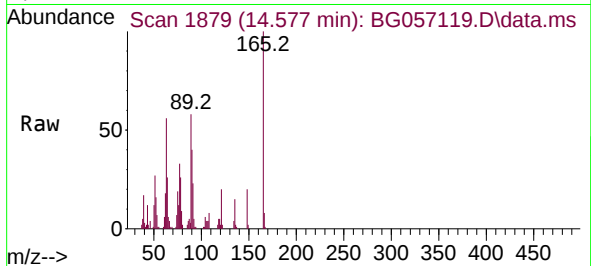
Tgt Ion:163 Resp: 172255
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 11.0 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 45.981 ng
RT: 14.577 min Scan# 1881
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

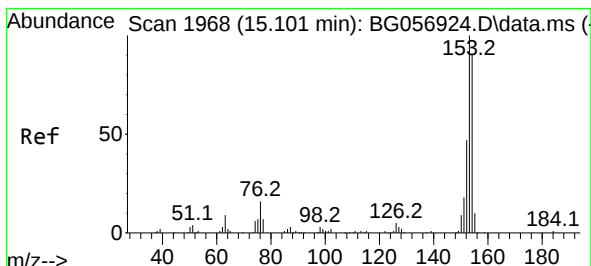
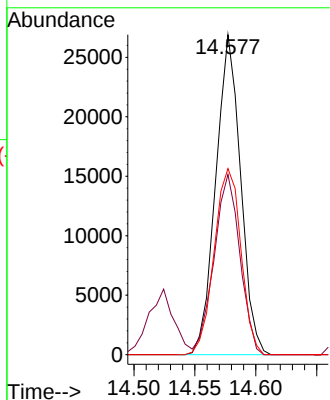
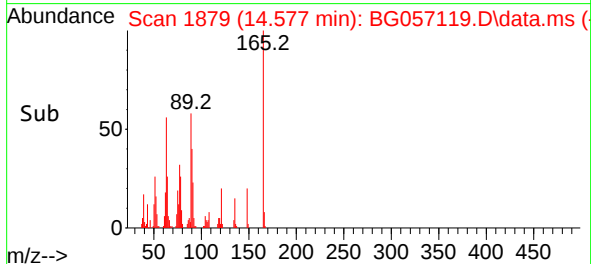
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:165 Resp: 38109
Ion Ratio Lower Upper
165 100
63 56.3 53.0 79.6
89 58.2 51.0 76.4

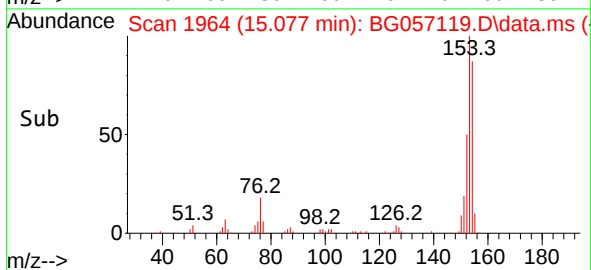
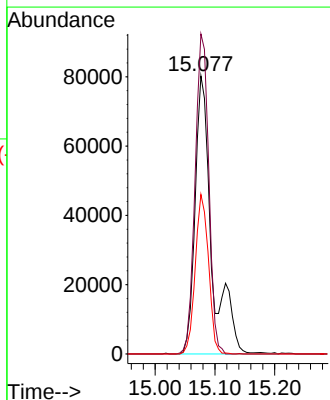
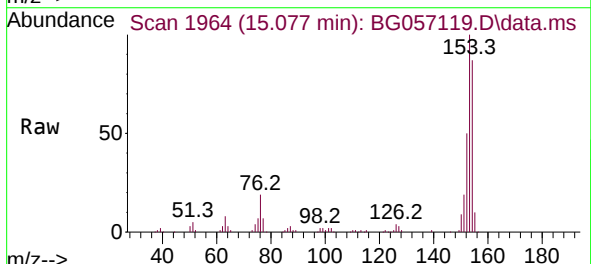
Manual Integrations
APPROVED

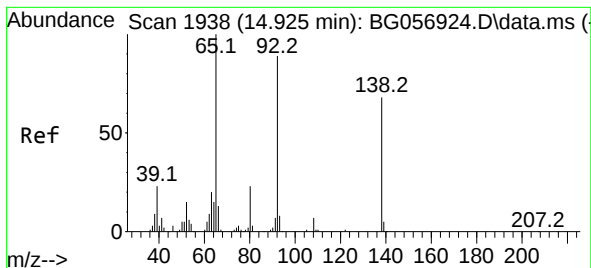
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#52
Acenaphthene
Concen: 52.569 ng m
RT: 15.077 min Scan# 1964
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

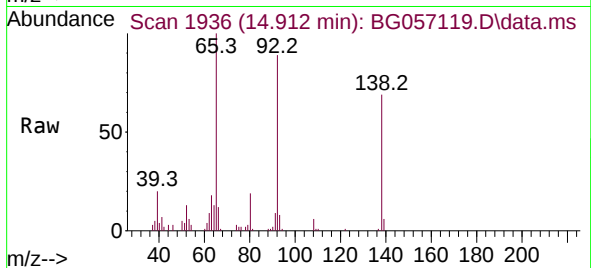
Tgt Ion:154 Resp: 157010
Ion Ratio Lower Upper
154 100
153 115.1 88.9 133.3
152 57.4 41.8 62.8





#53
3-Nitroaniline
Concen: 27.560 ng
RT: 14.912 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

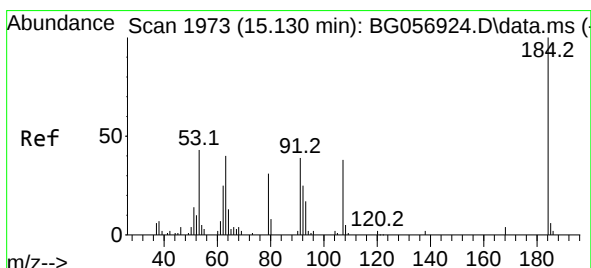
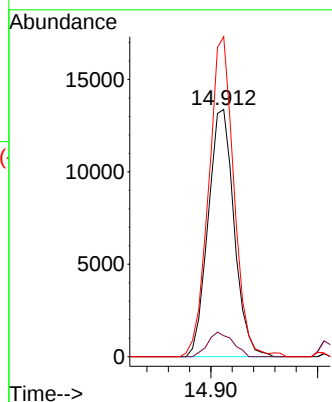
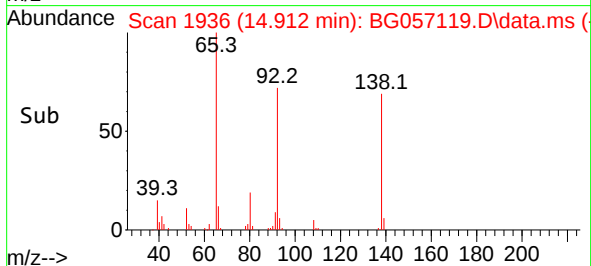
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



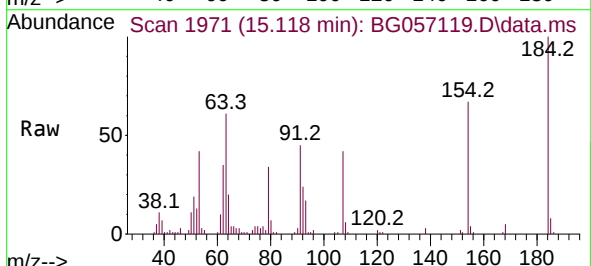
Tgt Ion:138 Resp: 22609
Ion Ratio Lower Upper
138 100
108 8.5 8.2 12.2
92 129.5 105.2 157.8

Manual Integrations
APPROVED

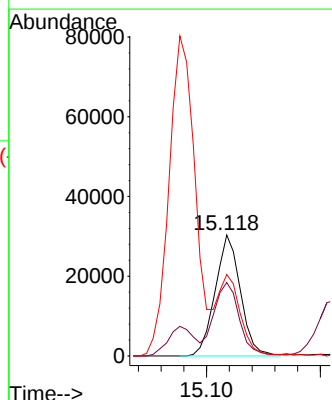
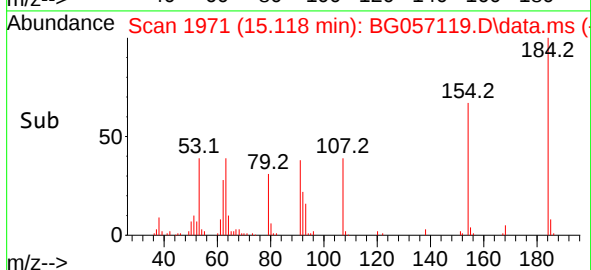
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

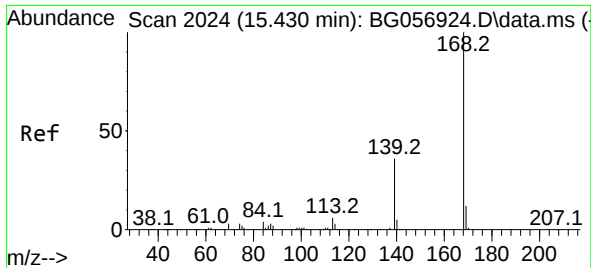


#54
2,4-Dinitrophenol
Concen: 100.182 ng
RT: 15.118 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



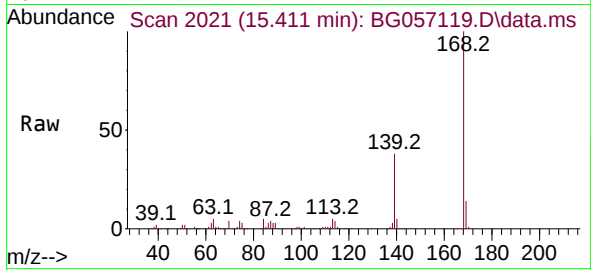
Tgt Ion:184 Resp: 46735
Ion Ratio Lower Upper
184 100
63 60.7 46.5 69.7
154 67.3 53.5 80.3





#55
Dibenzenofuran
Concen: 45.760 ng
RT: 15.411 min Scan# 2021
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

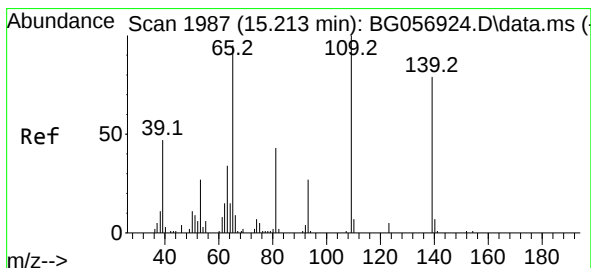
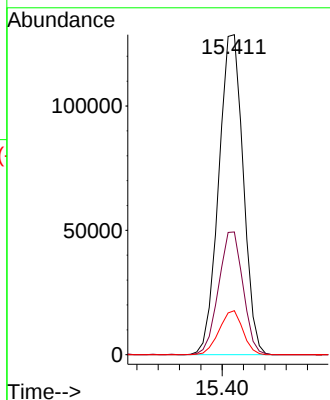
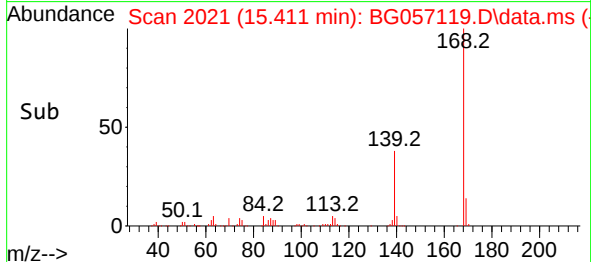
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:168 Resp: 20513
Ion Ratio Lower Upper
168 100
139 38.4 28.9 43.3
169 13.8 9.8 14.6

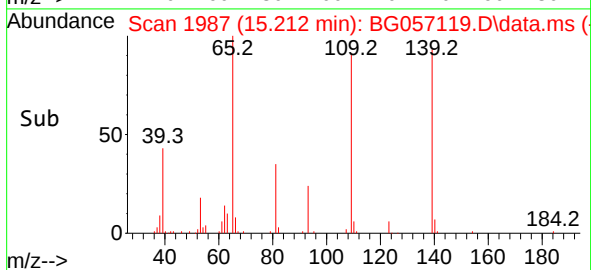
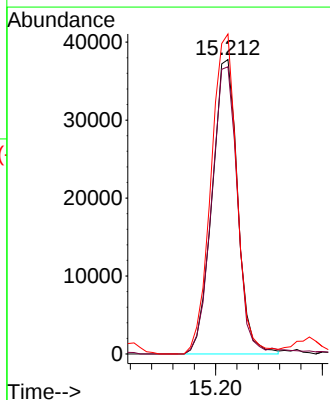
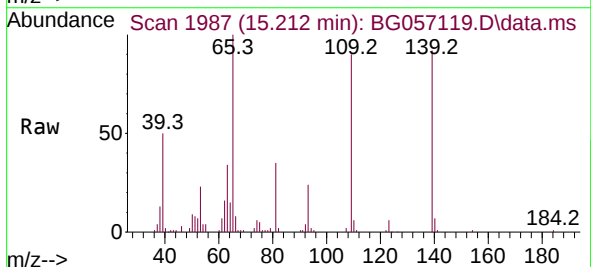
Manual Integrations
APPROVED

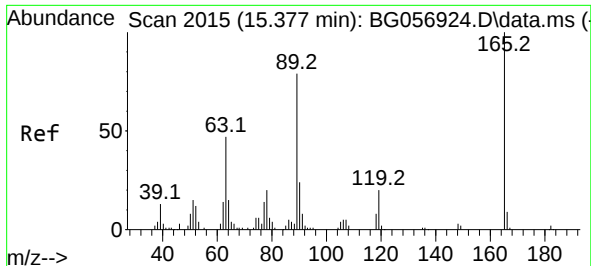
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#56
4-Nitrophenol
Concen: 103.421 ng
RT: 15.212 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:139 Resp: 62738
Ion Ratio Lower Upper
139 100
109 97.5 106.7 146.7#
65 108.7 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 44.688 ng
RT: 15.364 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

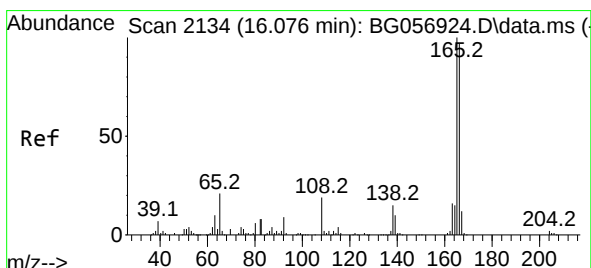
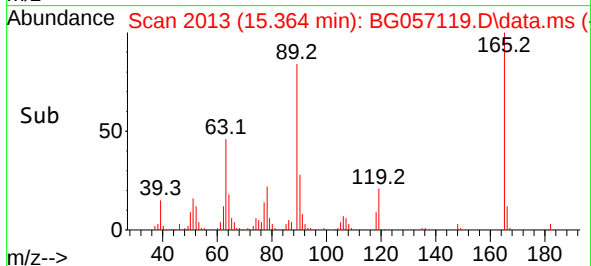
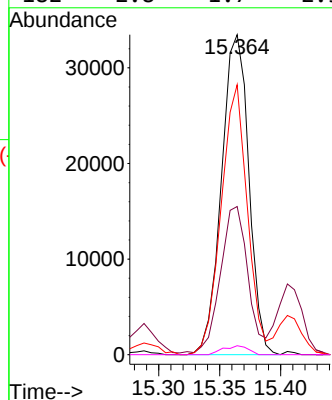
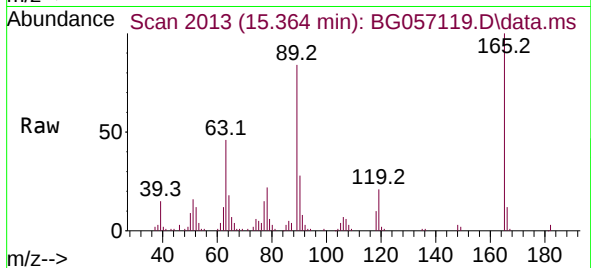
ClientSampleId :

P2-S1-230413MS

Tgt Ion:165 Resp: 5223
Ion Ratio Lower Upper
165 100
63 46.3 37.7 56.5
89 84.3 63.2 94.8
182 2.8 1.7 2.5#

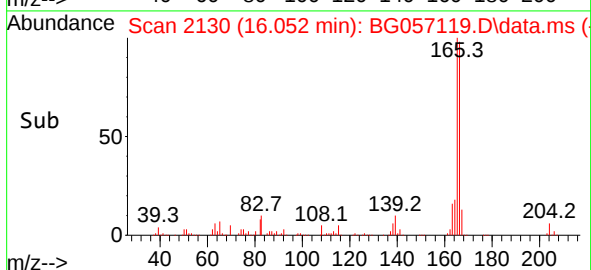
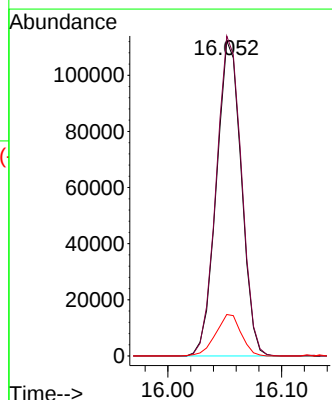
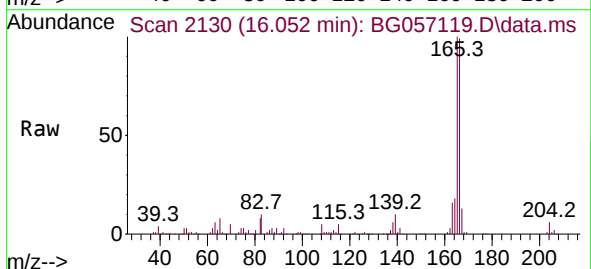
Manual Integrations
APPROVED

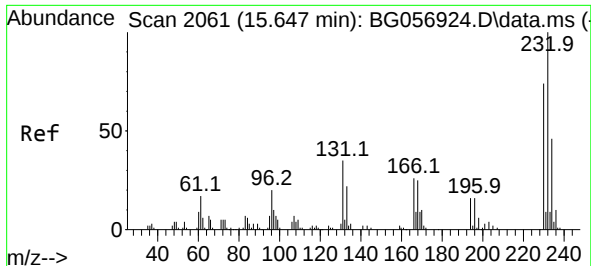
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#58
Fluorene
Concen: 46.114 ng
RT: 16.052 min Scan# 2130
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

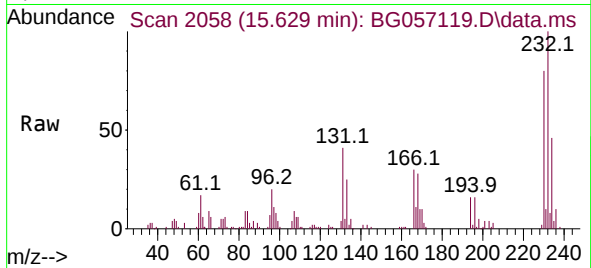
Tgt Ion:166 Resp: 171056
Ion Ratio Lower Upper
166 100
165 101.5 82.6 123.8
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.766 ng
RT: 15.629 min Scan# 2058
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

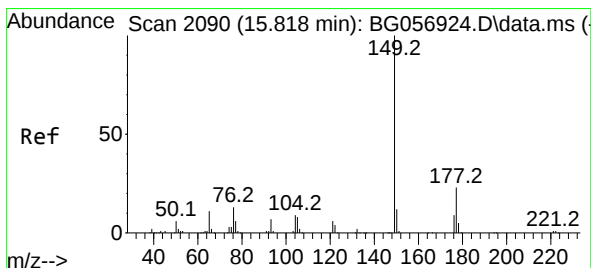
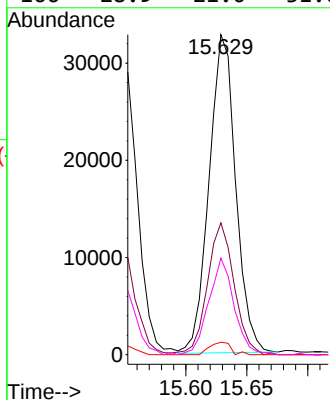
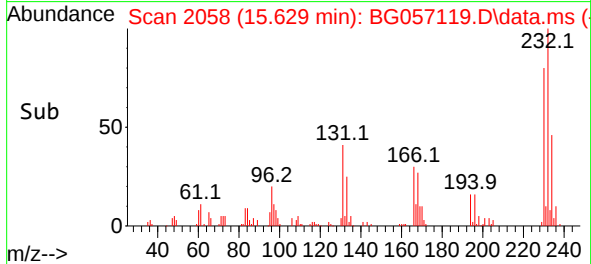
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



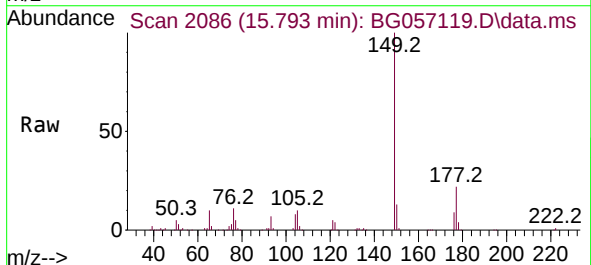
Tgt Ion:232 Resp: 4969
Ion Ratio Lower Upper
232 100
131 41.6 29.3 43.9
130 3.1 1.7 2.5
166 28.9 21.0 31.6

Manual Integrations
APPROVED

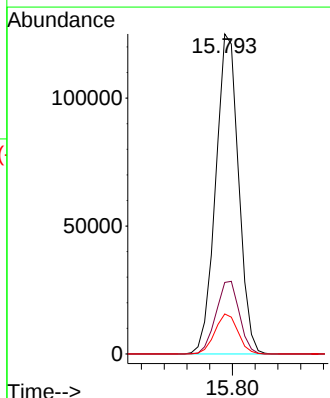
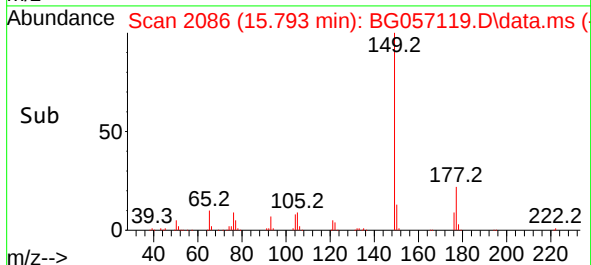
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

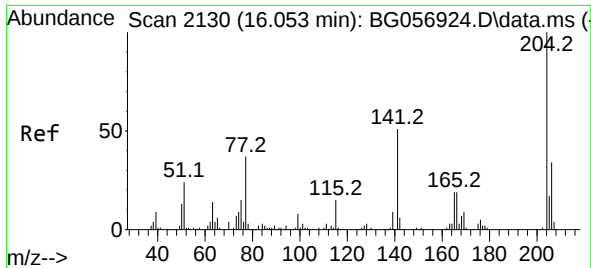


#60
Diethylphthalate
Concen: 45.384 ng
RT: 15.793 min Scan# 2086
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:149 Resp: 174525
Ion Ratio Lower Upper
149 100
177 22.3 18.8 28.2
150 12.5 9.4 14.2





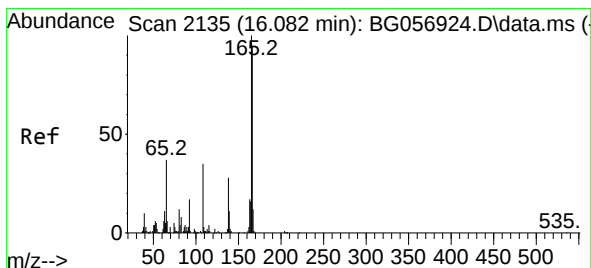
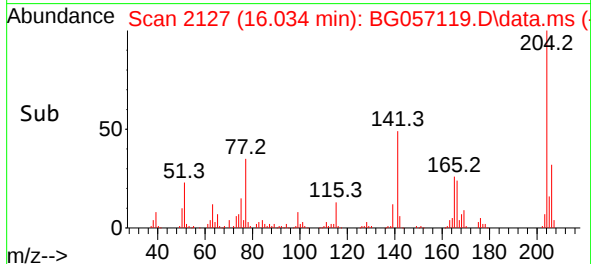
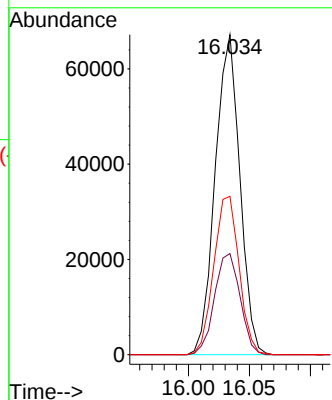
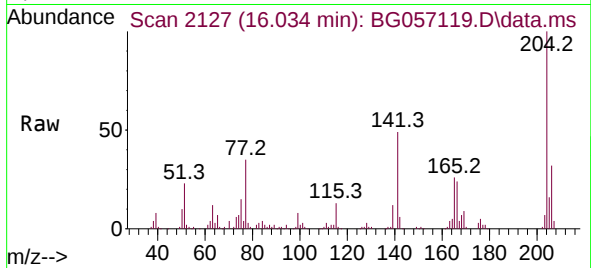
#61
4-Chlorophenyl-phenylether
Concen: 43.409 ng
RT: 16.034 min Scan# 2130
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS

Tgt Ion:204 Resp: 94540
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 49.5 40.7 61.1

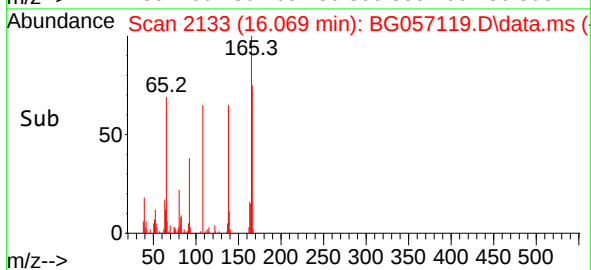
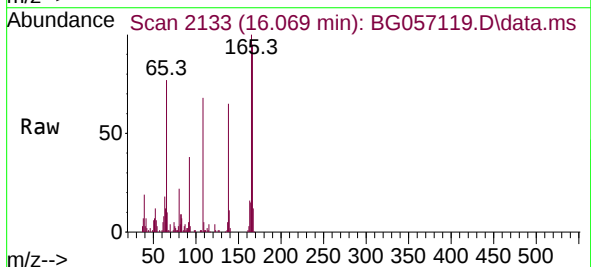
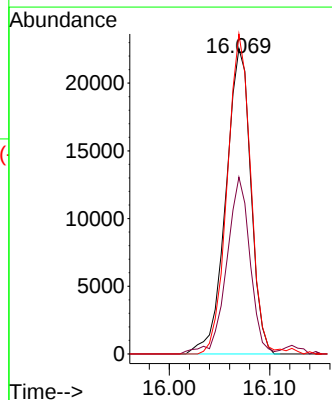
Manual Integrations
APPROVED

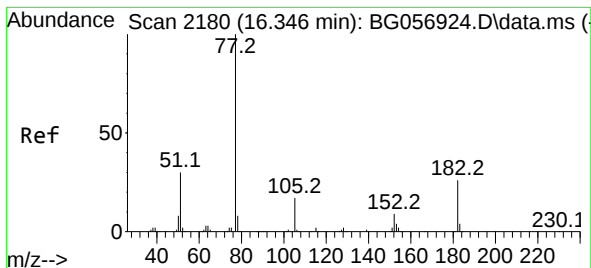
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#62
4-Nitroaniline
Concen: 45.658 ng
RT: 16.069 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:138 Resp: 38807
Ion Ratio Lower Upper
138 100
92 57.9 40.9 80.9
108 104.8 104.3 144.3





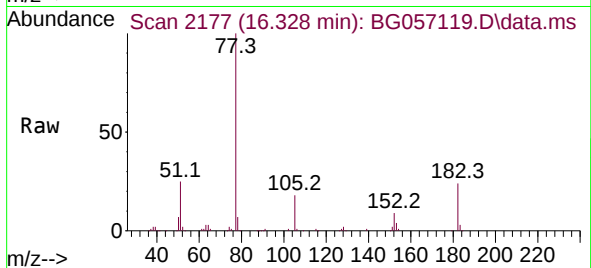
#63
Azobenzene
Concen: 46.037 ng
RT: 16.328 min Scan# 2177
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

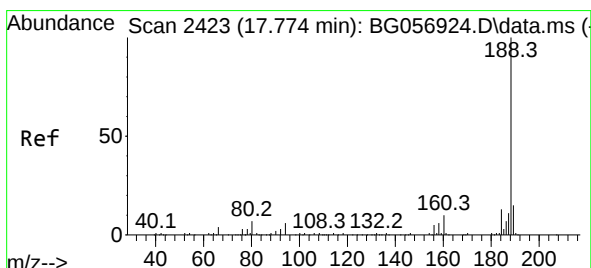
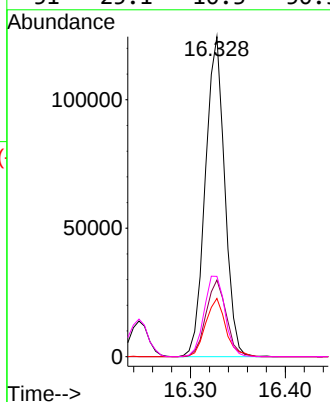
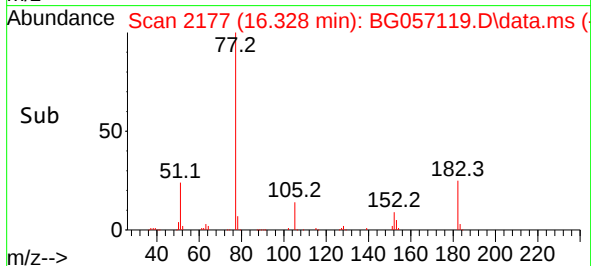


Tgt Ion: 77 Resp: 17643
Ion Ratio Lower Upper
77 100
182 23.9 5.9 45.9
105 18.2 0.0 36.8
51 25.1 10.3 50.3

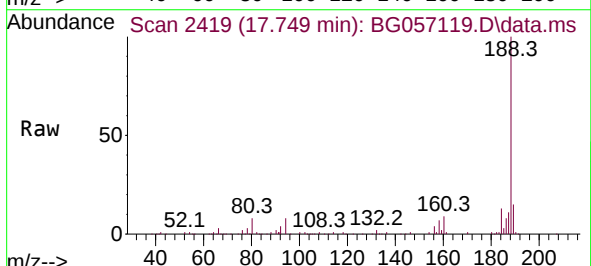
Manual Integrations

APPROVED

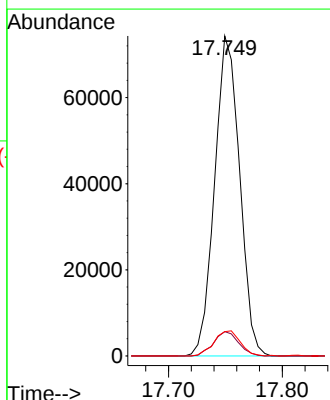
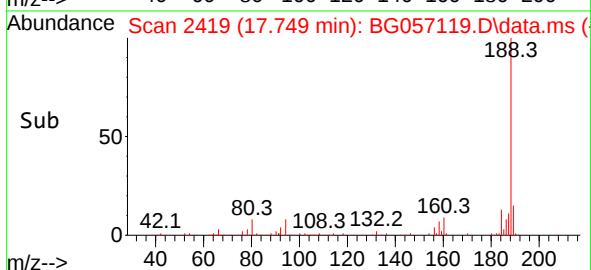
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

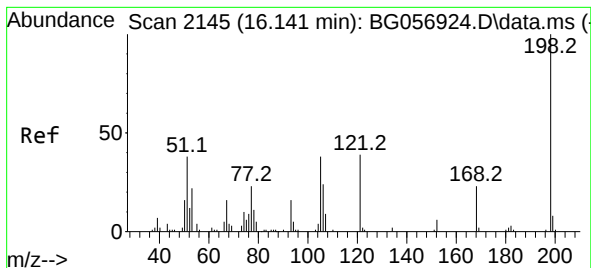


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.749 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



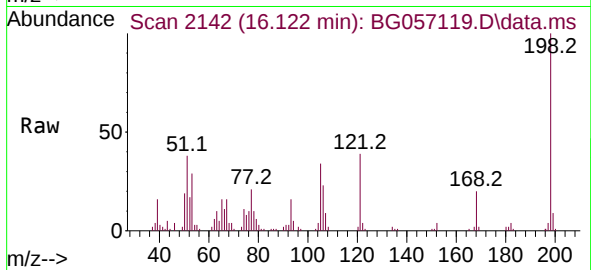
Tgt Ion:188 Resp: 113393
Ion Ratio Lower Upper
188 100
94 7.6 4.6 6.8#
80 7.6 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.673 ng
RT: 16.122 min Scan# 2145
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

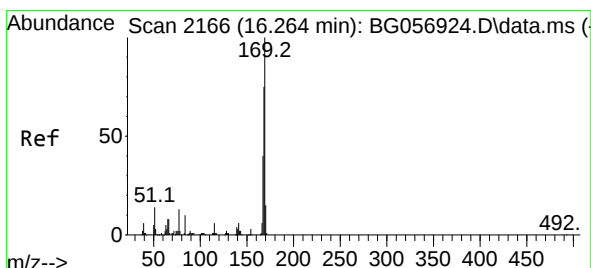
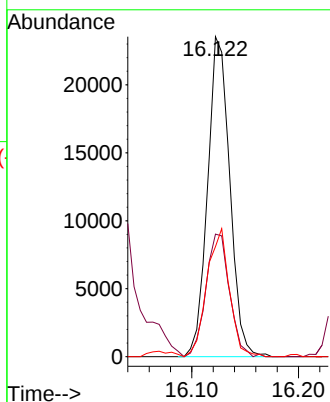
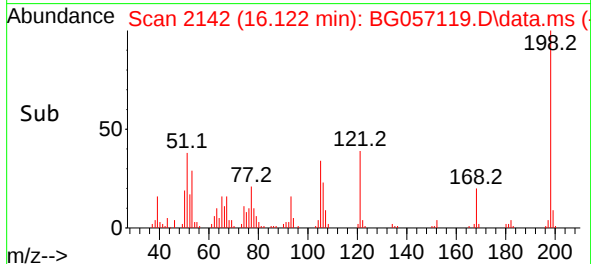
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:198 Resp: 3411
Ion Ratio Lower Upper
198 100
51 38.3 20.5 60.5
105 34.4 18.1 58.1

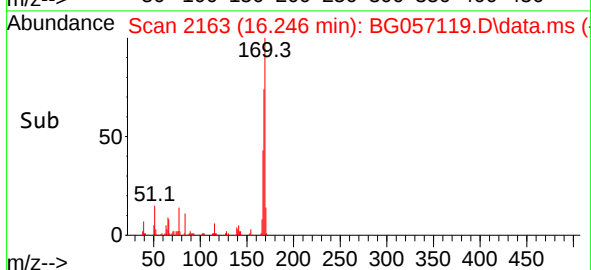
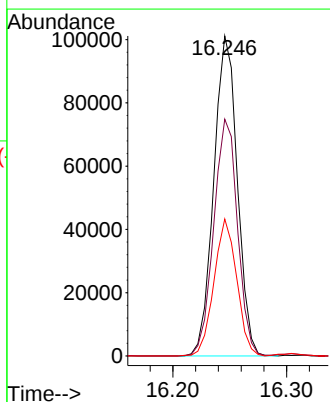
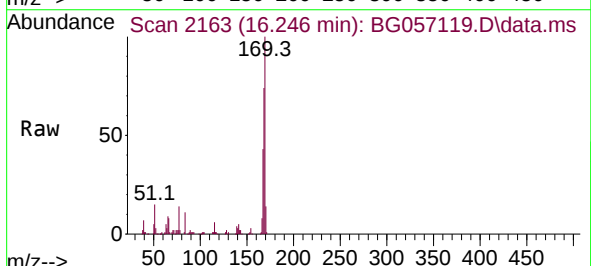
Manual Integrations
APPROVED

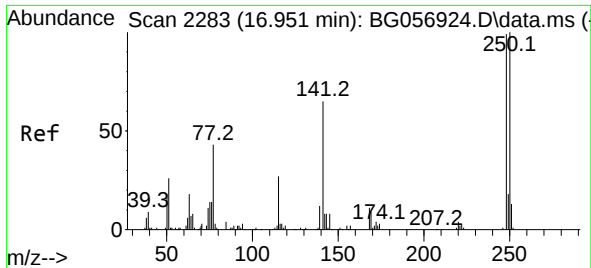
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#66
n-Nitrosodiphenylamine
Concen: 47.820 ng
RT: 16.246 min Scan# 2163
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:169 Resp: 145562
Ion Ratio Lower Upper
169 100
168 74.0 59.6 89.4
167 42.8 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 44.753 ng
RT: 16.927 min Scan# 210
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

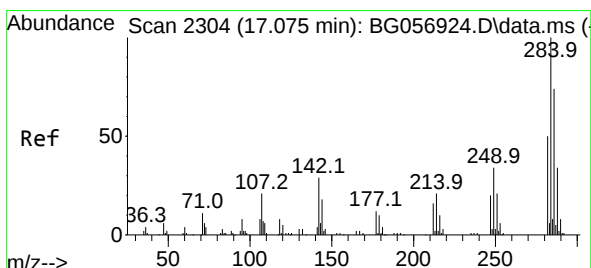
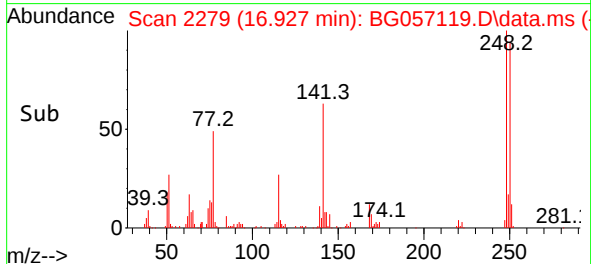
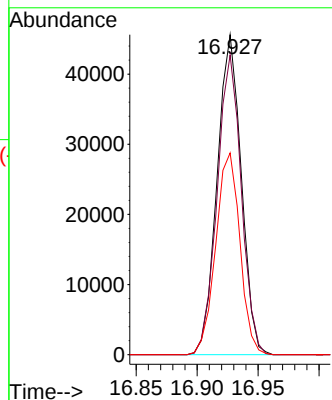
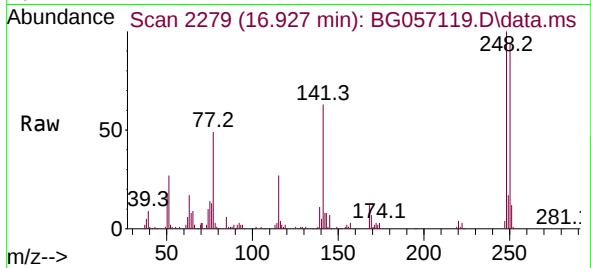
P2-S1-230413MS

Tgt Ion:248 Resp: 62790
Ion Ratio Lower Upper
248 100
250 93.6 80.5 120.7
141 63.0 52.0 78.0

Manual Integrations

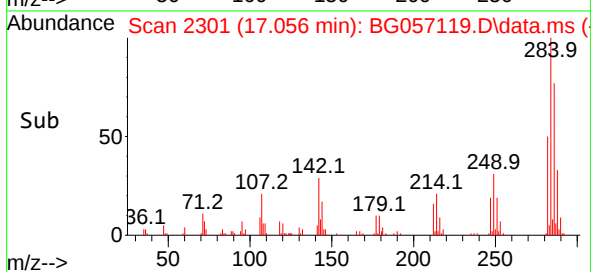
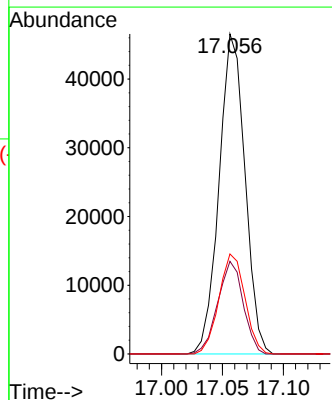
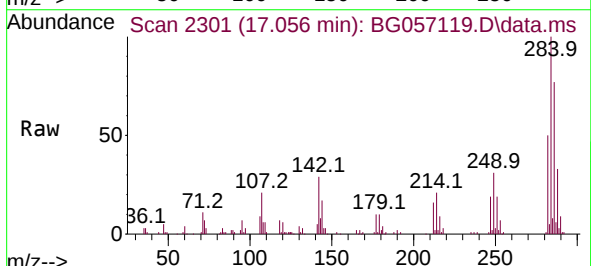
APPROVED

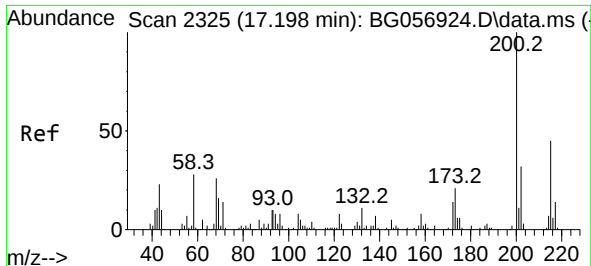
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#68
Hexachlorobenzene
Concen: 49.573 ng
RT: 17.056 min Scan# 2301
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

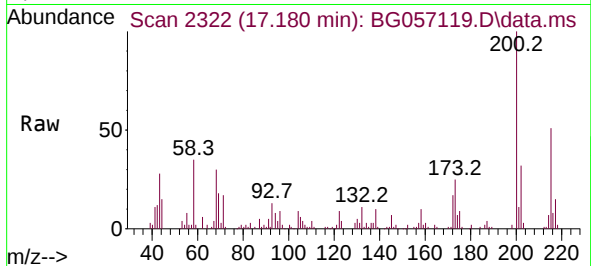
Tgt Ion:284 Resp: 68763
Ion Ratio Lower Upper
284 100
142 28.9 23.0 34.4
249 31.3 27.1 40.7





#69
 Atrazine
 Concen: 47.939 ng
 RT: 17.180 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057119.D
 Acq: 17 Apr 2023 20:32

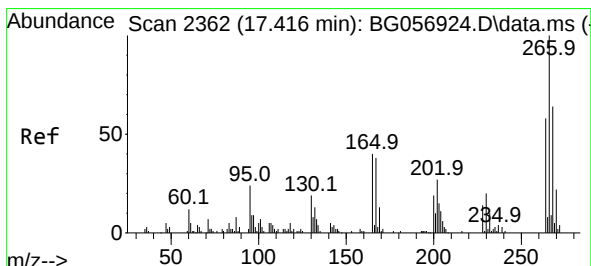
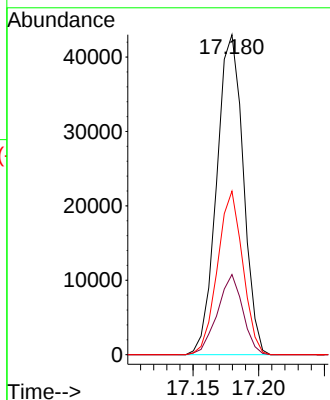
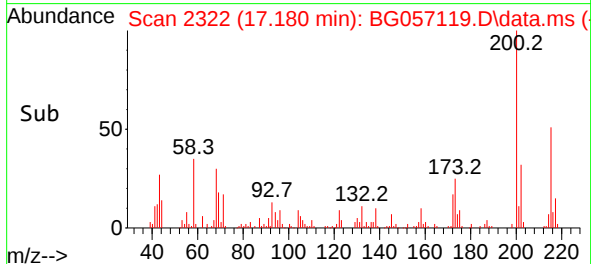
Instrument :
 BNA_G
 ClientSampleId :
 P2-S1-230413MS



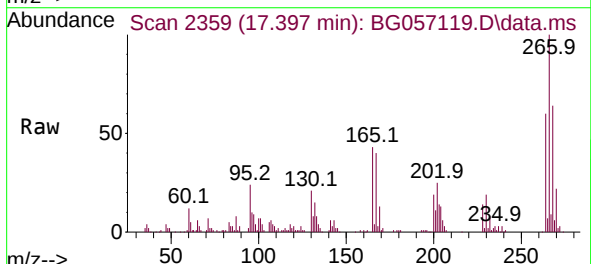
Tgt Ion:200 Resp: 60574
 Ion Ratio Lower Upper
 200 100
 173 25.0 1.0 41.0
 215 51.1 25.0 65.0

Manual Integrations
 APPROVED

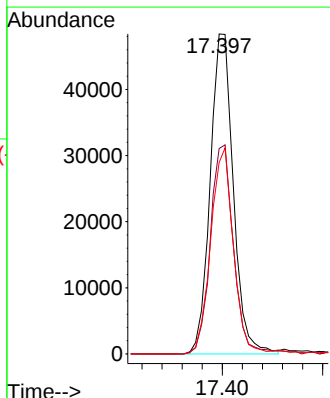
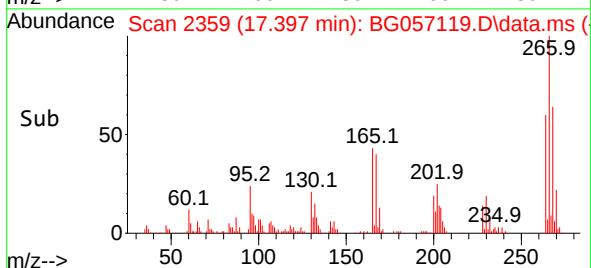
Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023

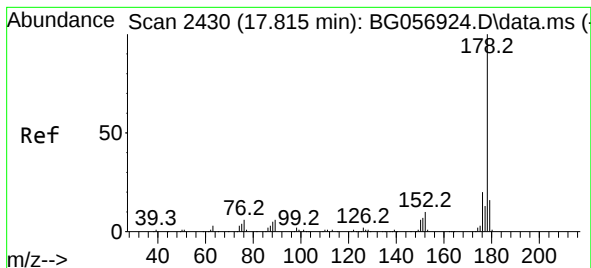


#70
 Pentachlorophenol
 Concen: 77.864 ng
 RT: 17.397 min Scan# 2359
 Delta R.T. -0.008 min
 Lab File: BG057119.D
 Acq: 17 Apr 2023 20:32



Tgt Ion:266 Resp: 77485
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 59.9 46.8 70.2





#71

Phenanthrene

Concen: 48.563 ng

RT: 17.796 min Scan# 2427

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

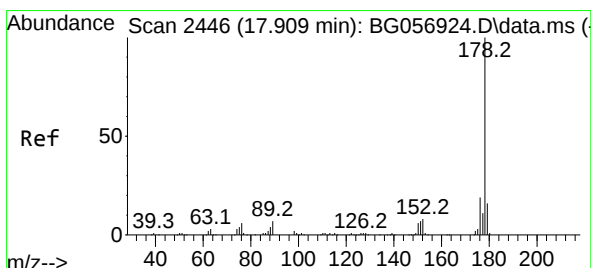
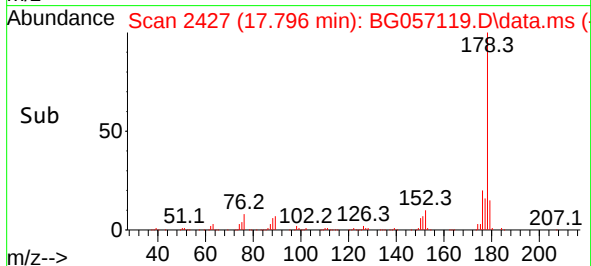
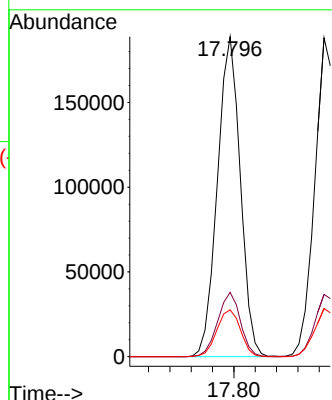
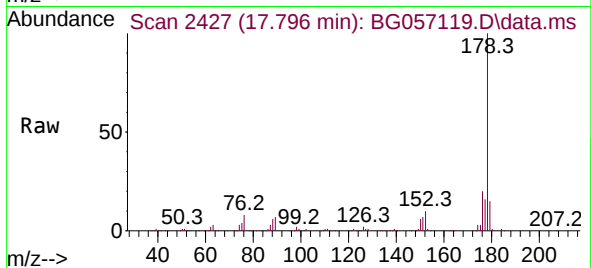
P2-S1-230413MS

Tgt Ion:178 Resp: 28075
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.2
 179 14.7 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#72

Anthracene

Concen: 46.636 ng

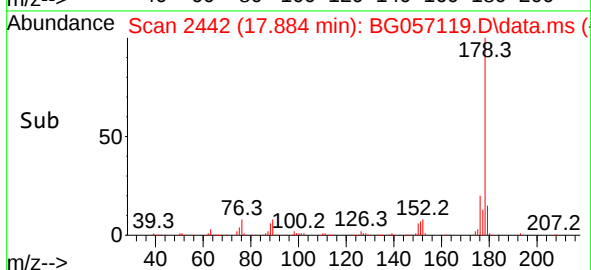
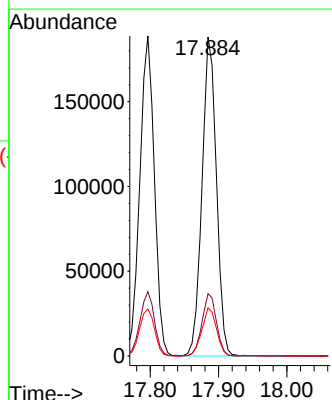
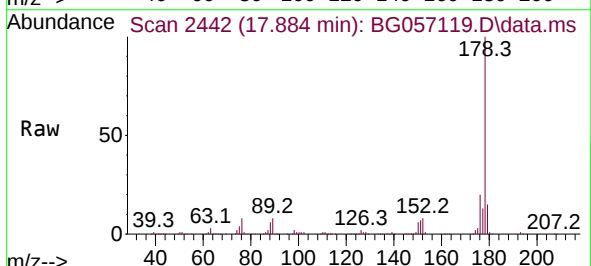
RT: 17.884 min Scan# 2442

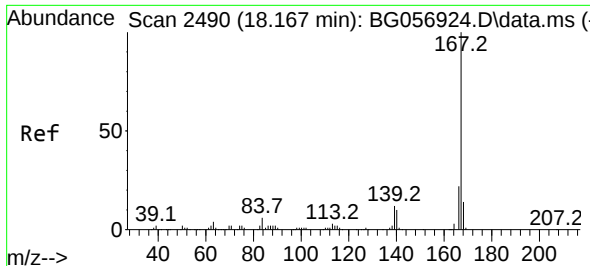
Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

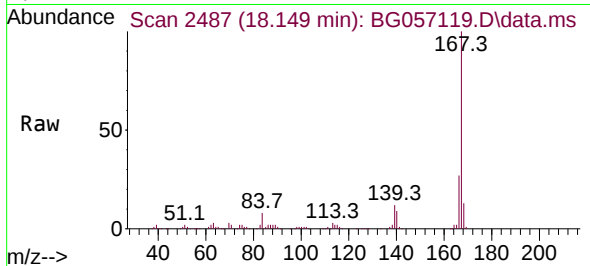
Tgt Ion:178 Resp: 276394
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.1 12.4 18.6





#73
Carbazole
Concen: 46.491 ng
RT: 18.149 min Scan# 2490
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

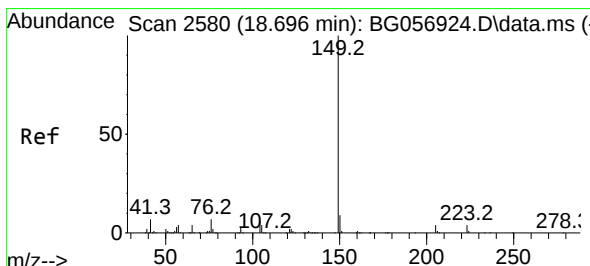
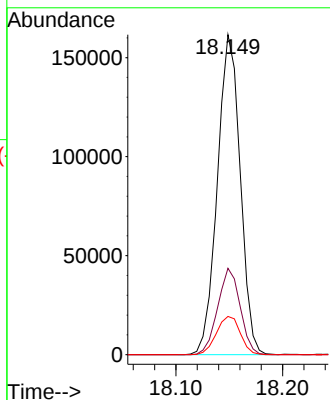
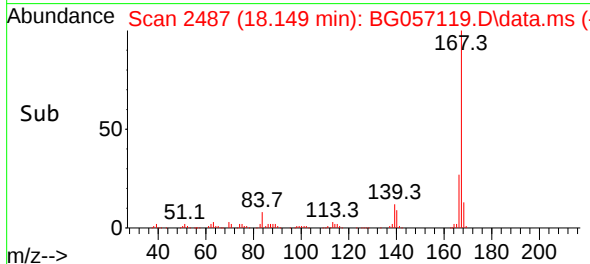
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



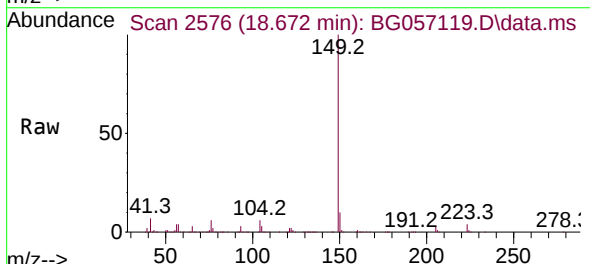
Tgt Ion:167 Resp: 240228
Ion Ratio Lower Upper
167 100
166 27.0 17.9 26.9
139 12.0 9.5 14.3

Manual Integrations
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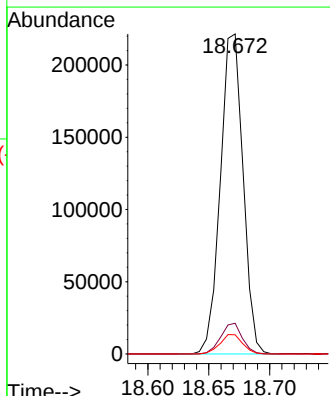
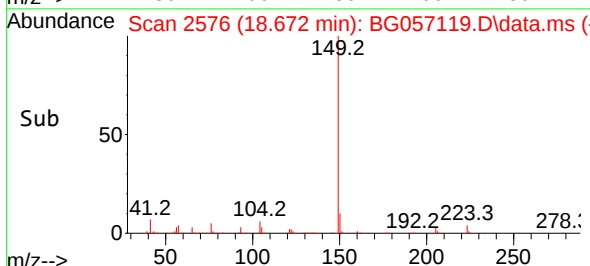
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

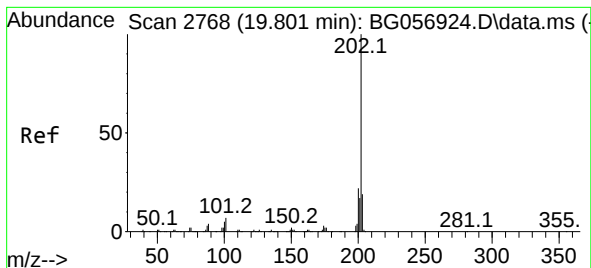


#74
Di-n-butylphthalate
Concen: 47.943 ng
RT: 18.672 min Scan# 2576
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32



Tgt Ion:149 Resp: 286871
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 6.0 4.9 7.3





#75

Fluoranthene

Concen: 45.626 ng

RT: 19.782 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

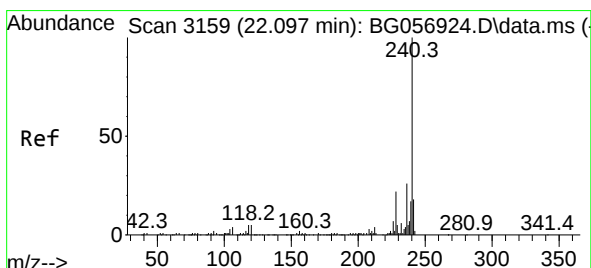
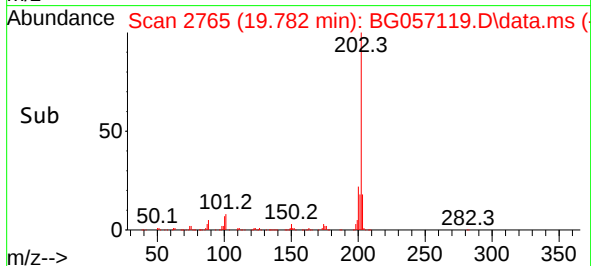
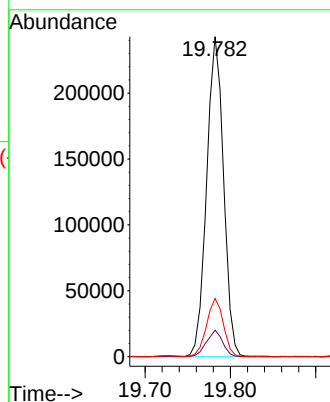
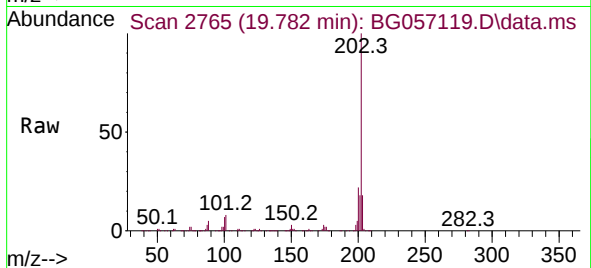
P2-S1-230413MS

Tgt Ion:202 Resp: 334379
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 26.7
 203 18.2 0.0 39.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#76

Chrysene-d12

Concen: 20.000 ng

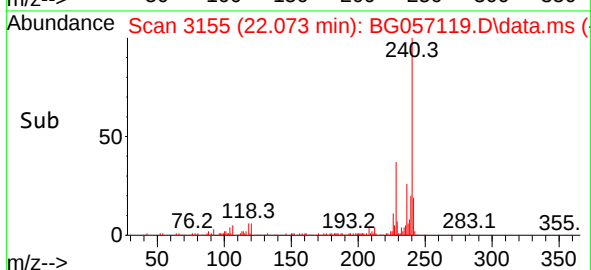
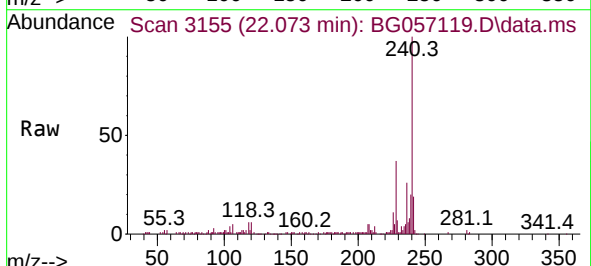
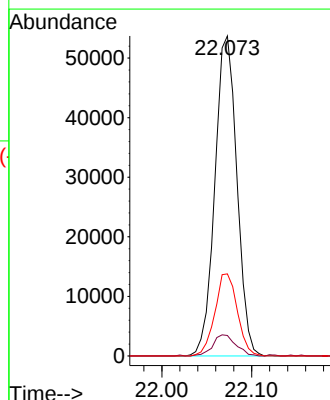
RT: 22.073 min Scan# 3155

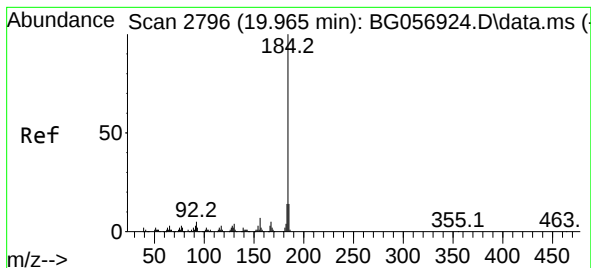
Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Tgt Ion:240 Resp: 91499
 Ion Ratio Lower Upper
 240 100
 120 6.4 3.8 5.6#
 236 25.7 21.0 31.6





#77

Benzidine

Concen: 57.450 ng

RT: 19.946 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

Tgt Ion:184 Resp: 143680

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.4

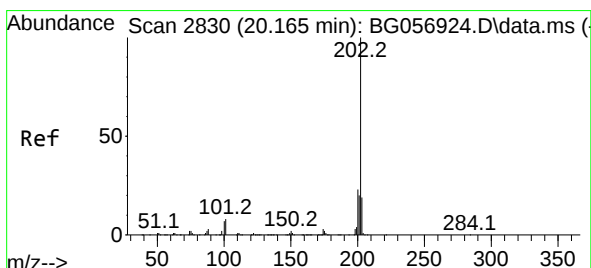
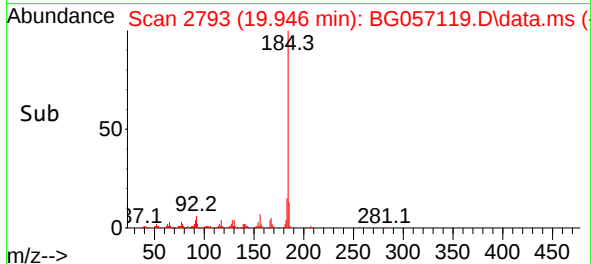
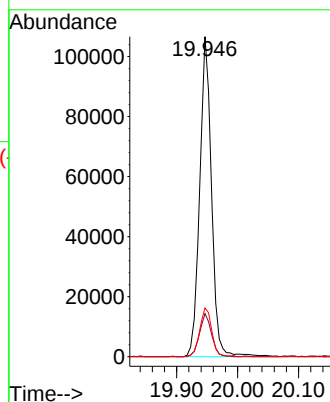
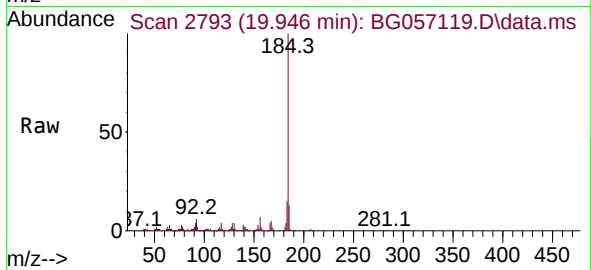
183 15.2 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#78

Pyrene

Concen: 51.745 ng

RT: 20.146 min Scan# 2827

Delta R.T. -0.002 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

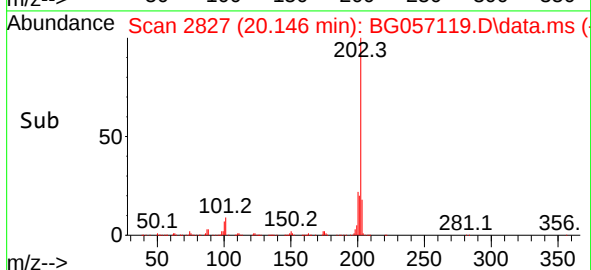
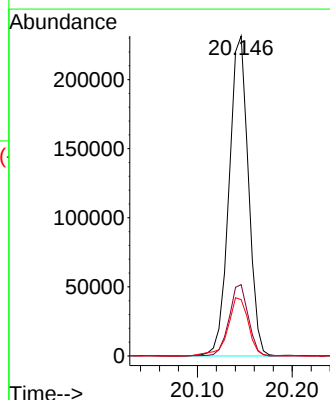
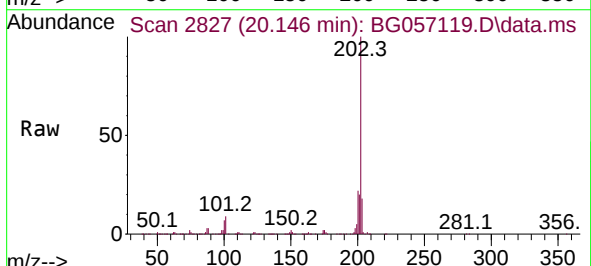
Tgt Ion:202 Resp: 327470

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

203 17.6 15.4 23.2





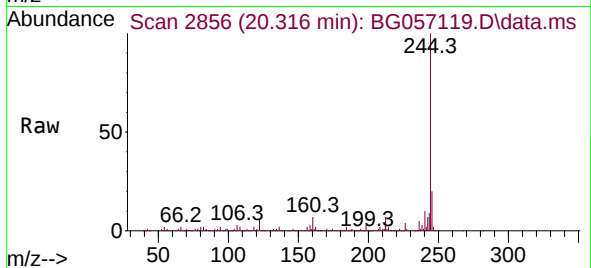
#79
 Terphenyl-d14
 Concen: 66.822 ng
 RT: 20.316 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057119.D
 Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

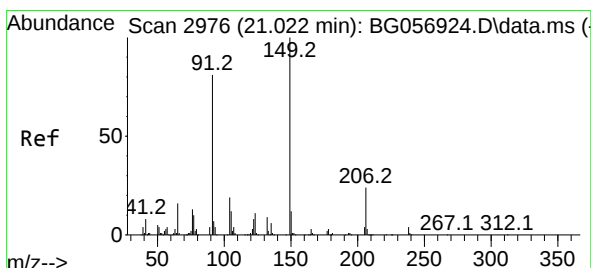
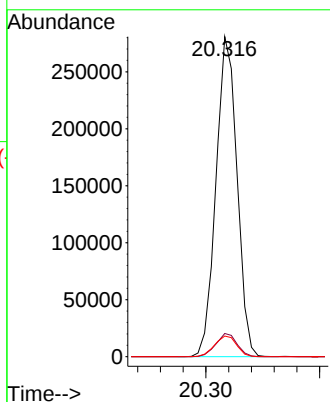
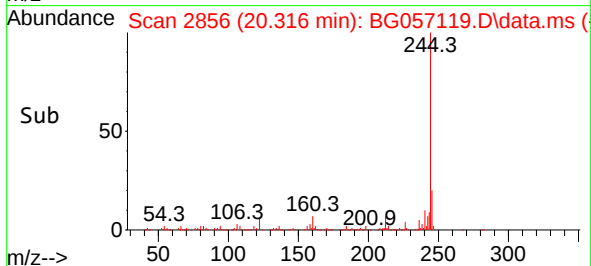


Tgt Ion:244 Resp: 36132
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.5 5.0 7.4

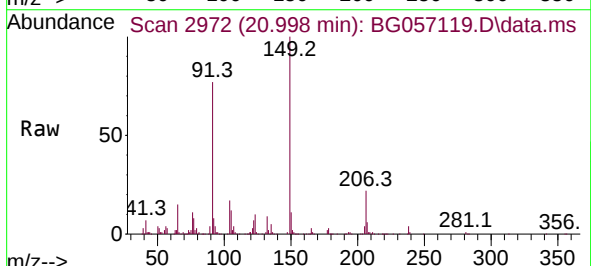
Manual Integrations

APPROVED

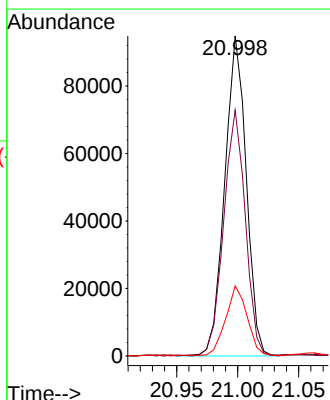
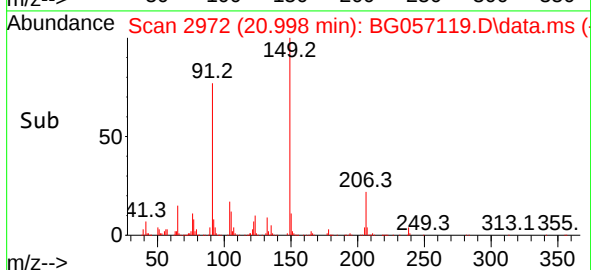
Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023

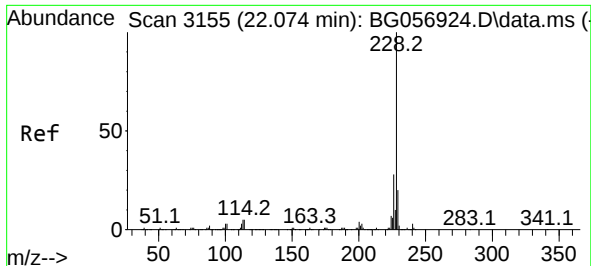


#80
 Butylbenzylphthalate
 Concen: 53.610 ng
 RT: 20.998 min Scan# 2972
 Delta R.T. -0.008 min
 Lab File: BG057119.D
 Acq: 17 Apr 2023 20:32



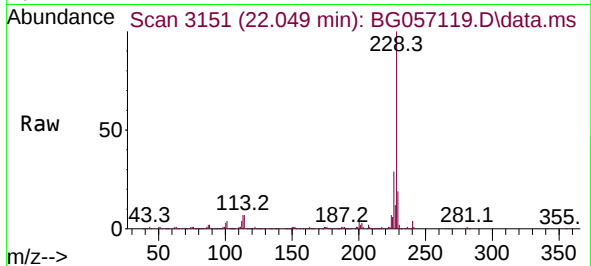
Tgt Ion:149 Resp: 116750
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.4 96.6
 206 21.9 18.9 28.3





#81
Benzo(a)anthracene
Concen: 49.432 ng
RT: 22.049 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

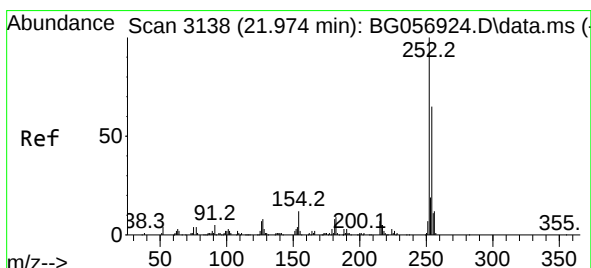
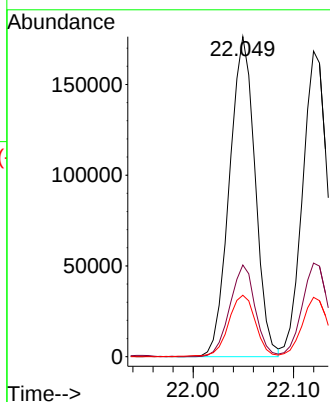
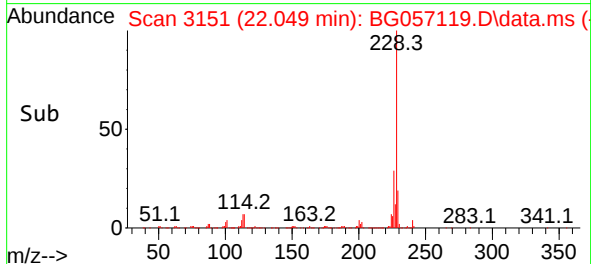
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:228 Resp: 312990
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 19.2 16.1 24.1

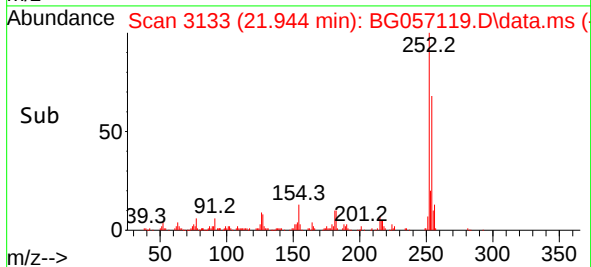
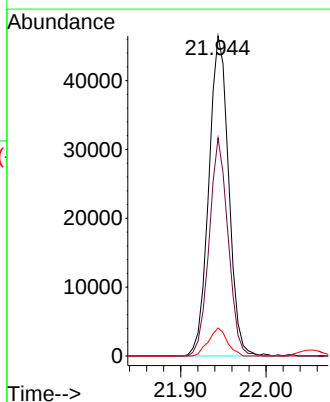
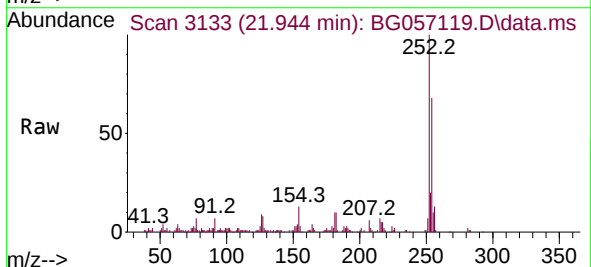
Manual Integrations
APPROVED

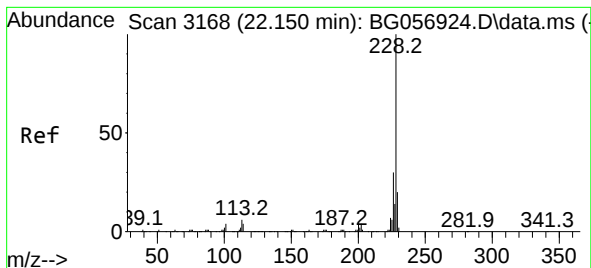
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.099 ng
RT: 21.944 min Scan# 3133
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:252 Resp: 75044
Ion Ratio Lower Upper
252 100
254 68.2 51.7 77.5
126 8.7 5.6 8.4#





#83

Chrysene

Concen: 48.785 ng

RT: 22.120 min Scan# 3163

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

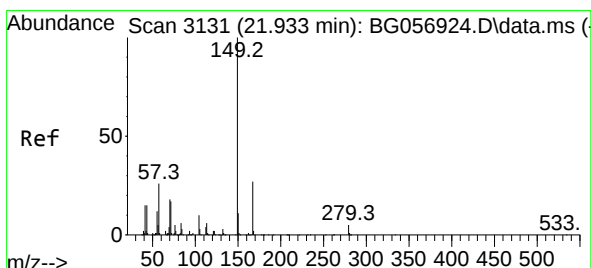
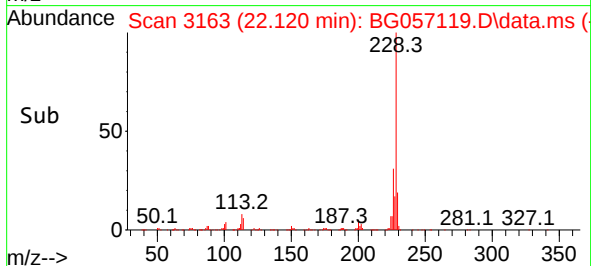
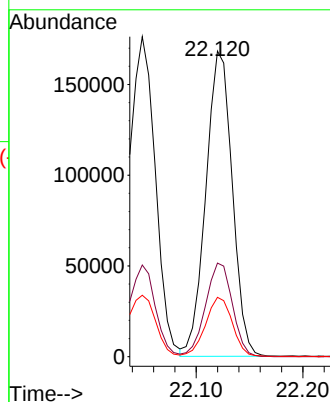
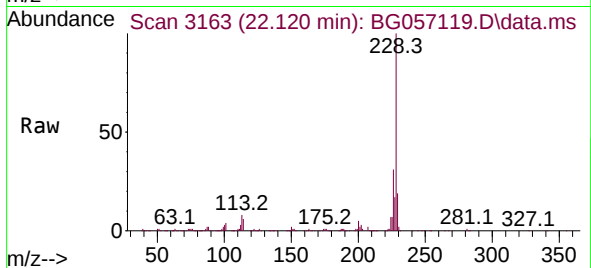
Tgt Ion:228 Resp: 289219

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.303 ng

RT: 21.897 min Scan# 3125

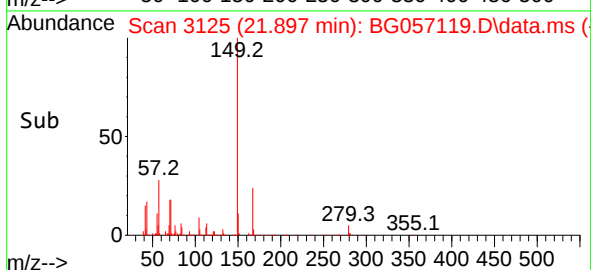
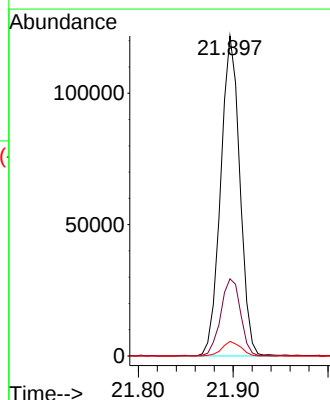
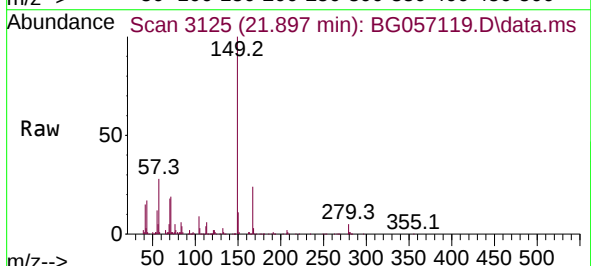
Delta R.T. -0.014 min

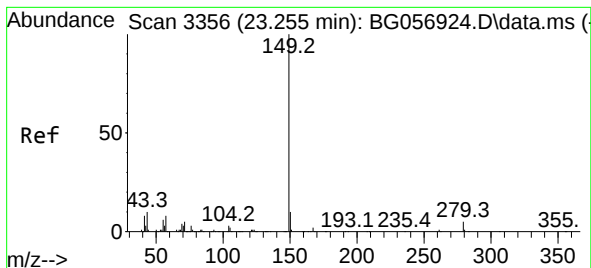
Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Tgt Ion:149 Resp: 171243

Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.4	32.2
279	4.6	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 53.618 ng

RT: 23.207 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

Tgt Ion:149 Resp: 284932

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

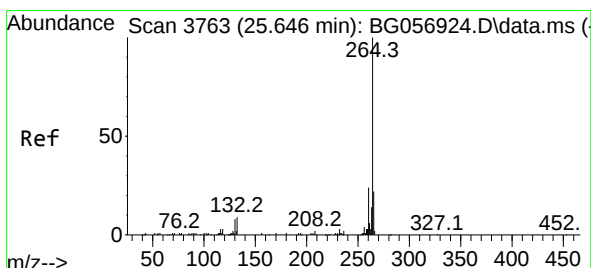
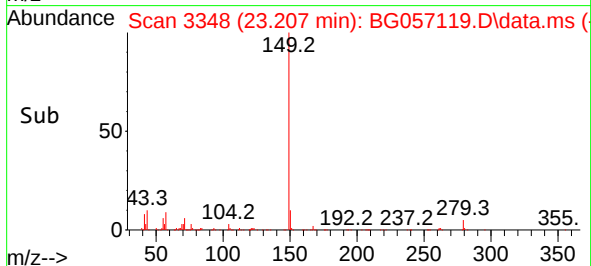
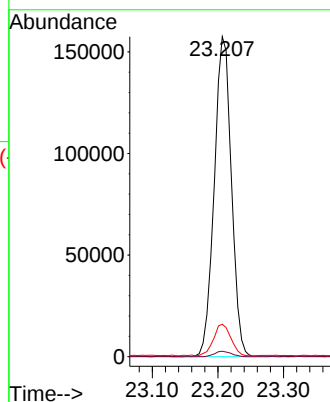
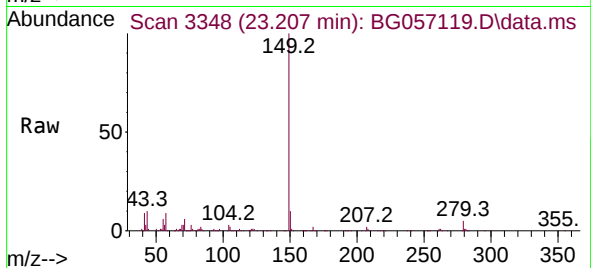
43 10.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.603 min Scan# 3756

Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

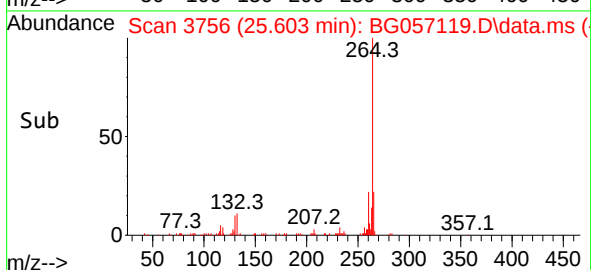
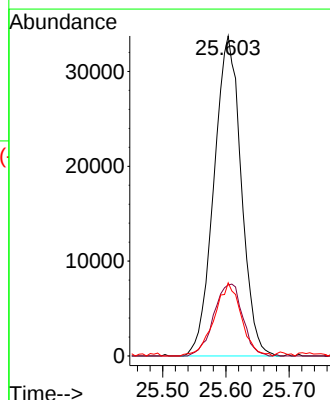
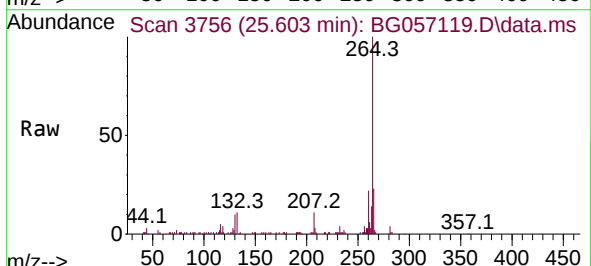
Tgt Ion:264 Resp: 100858

Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.4

265 22.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.713 ng

RT: 29.692 min Scan# 4462

Delta R.T. -0.020 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

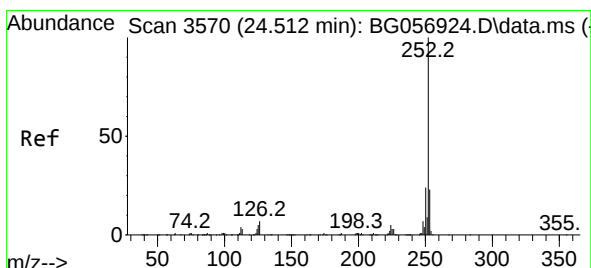
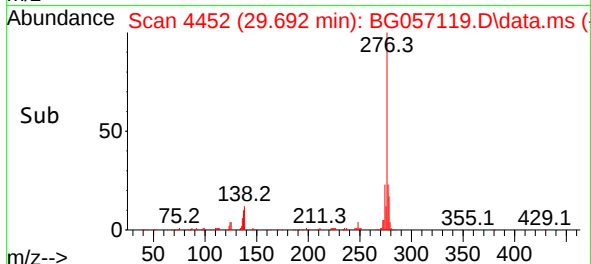
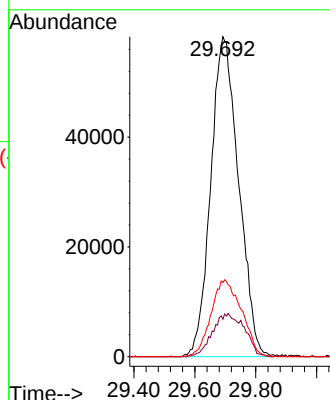
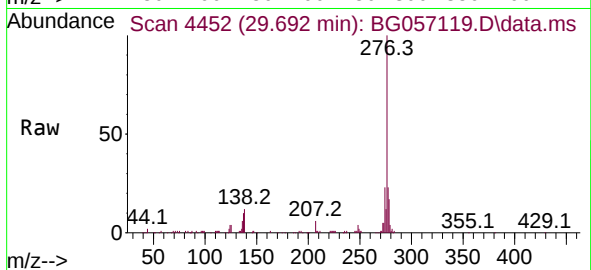
Tgt Ion:276 Resp: 370558
 Ion Ratio Lower Upper
 276 100
 138 15.4 7.7 11.5
 277 26.3 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#88

Benzo(b)fluoranthene

Concen: 51.936 ng

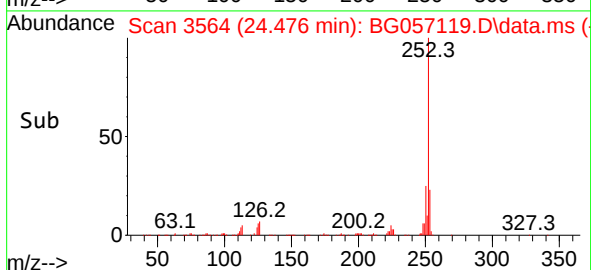
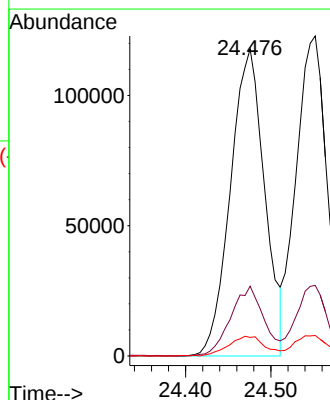
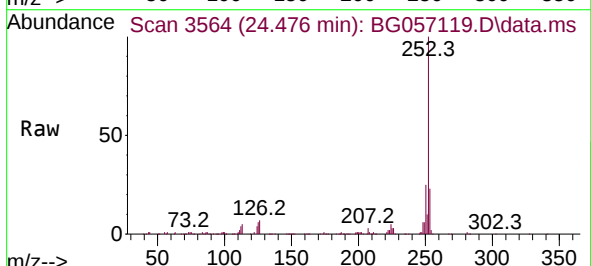
RT: 24.476 min Scan# 3564

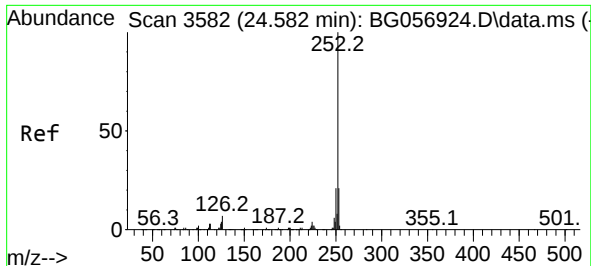
Delta R.T. -0.008 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

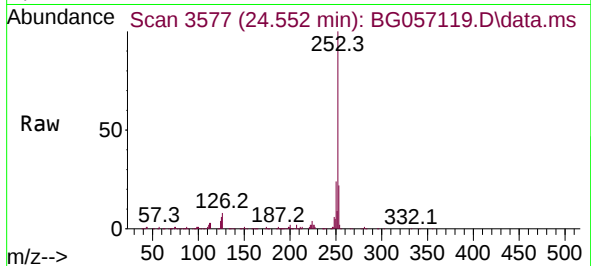
Tgt Ion:252 Resp: 327561
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 6.0 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 48.830 ng
RT: 24.552 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

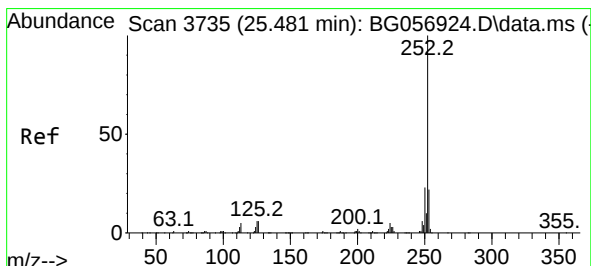
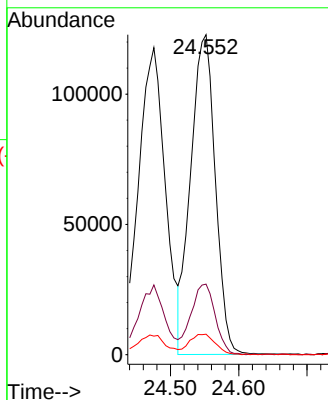
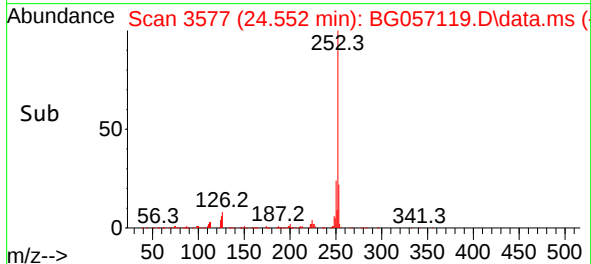
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MS



Tgt Ion:252 Resp: 30745
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.4 3.8 5.6

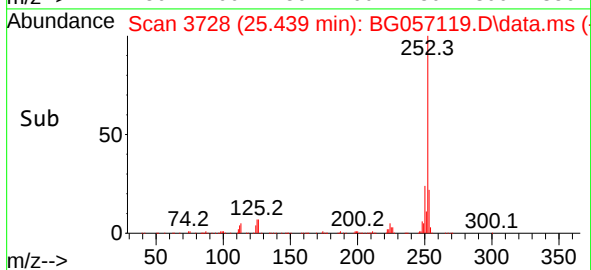
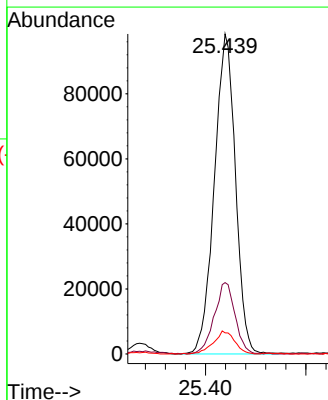
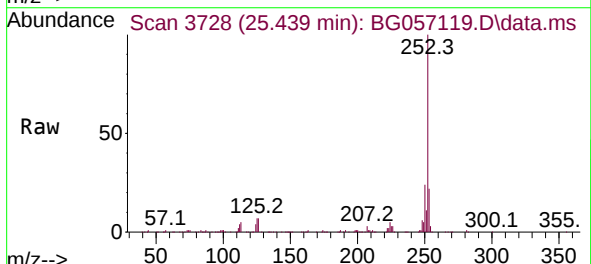
Manual Integrations
APPROVED

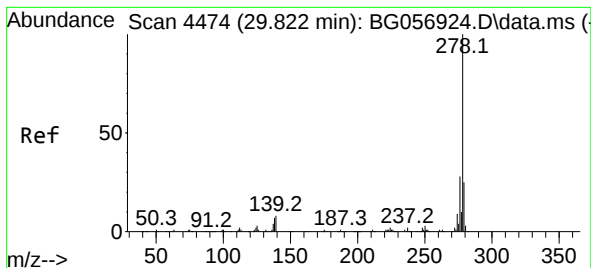
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#90
Benzo(a)pyrene
Concen: 46.319 ng
RT: 25.439 min Scan# 3728
Delta R.T. -0.014 min
Lab File: BG057119.D
Acq: 17 Apr 2023 20:32

Tgt Ion:252 Resp: 287065
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 6.6 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 49.337 ng

RT: 29.751 min Scan# 4474

Delta R.T. -0.014 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MS

Tgt Ion:278 Resp: 302289

Ion Ratio Lower Upper

278 100

139 8.7 6.4 9.6

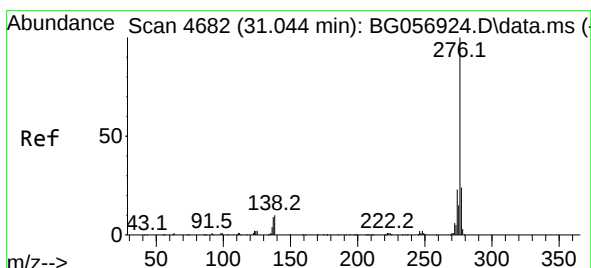
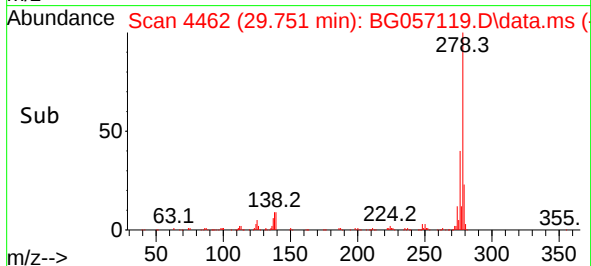
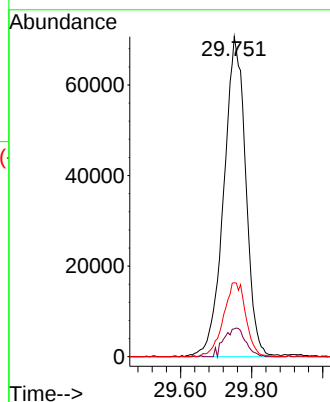
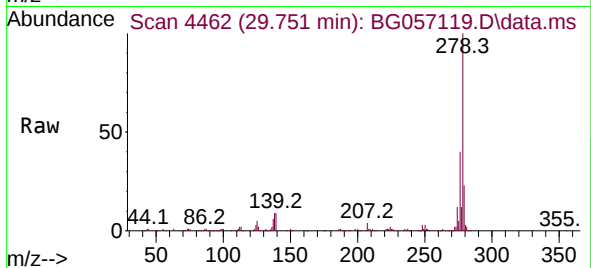
279 23.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#92

Benzo(g,h,i)perylene

Concen: 49.120 ng

RT: 30.973 min Scan# 4670

Delta R.T. -0.020 min

Lab File: BG057119.D

Acq: 17 Apr 2023 20:32

Tgt Ion:276 Resp: 294693

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 14.0 8.2 12.2#

