

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057167.D
 Acq On : 25 Apr 2023 1:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 05:21:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	21204	20.000	ng	0.00
21) Naphthalene-d8	11.227	136	87441	20.000	ng	0.00
39) Acenaphthene-d10	14.998	164	64790	20.000	ng	0.00
64) Phenanthrene-d10	17.741	188	157680	20.000	ng	0.00
76) Chrysene-d12	22.053	240	138729	20.000	ng	0.00
86) Perylene-d12	25.578	264	147638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	102037	87.205	ng	0.00
7) Phenol-d6	7.520	99	157454	93.005	ng	0.00
23) Nitrobenzene-d5	9.564	82	166937	94.381	ng	0.00
42) 2,4,6-Tribromophenol	16.484	330	68717	80.385	ng	0.00
45) 2-Fluorobiphenyl	13.623	172	387364	80.350	ng	0.00
79) Terphenyl-d14	20.308	244	670616	84.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.702	88	22724	43.340	ng	95
3) Pyridine	4.124	79	73965	46.494	ng	93
4) n-Nitrosodimethylamine	4.036	42	32173	56.064	ng	87
6) Aniline	7.696	93	100516	45.464	ng	94
8) 2-Chlorophenol	7.943	128	52691	42.987	ng	97
9) Benzaldehyde	7.508	77	44592	43.975	ng	93
10) Phenol	7.549	94	77172	45.908	ng	97
11) bis(2-Chloroethyl)ether	7.784	93	58556	44.390	ng	92
12) 1,3-Dichlorobenzene	8.272	146	58559	40.328	ng	93
13) 1,4-Dichlorobenzene	8.425	146	59833	40.887	ng	97
14) 1,2-Dichlorobenzene	8.748	146	57393	40.620	ng	98
15) Benzyl Alcohol	8.618	79	64483	51.691	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.906	45	75873m	44.175	ng	
17) 2-Methylphenol	8.818	107	56744	46.129	ng	96
18) Hexachloroethane	9.488	117	20872	42.043	ng	94
19) n-Nitroso-di-n-propyla...	9.188	70	57817	54.907	ng	91
20) 3+4-Methylphenols	9.147	107	76720	45.573	ng	96
22) Acetophenone	9.212	105	101396	42.746	ng	# 94
24) Nitrobenzene	9.605	77	84655	47.670	ng	94
25) Isophorone	10.128	82	159427	46.992	ng	99
26) 2-Nitrophenol	10.322	139	30651	46.199	ng	# 84
27) 2,4-Dimethylphenol	10.363	122	56816	44.556	ng	97
28) bis(2-Chloroethoxy)met...	10.604	93	79581	44.747	ng	97
29) 2,4-Dichlorophenol	10.862	162	60667	42.708	ng	98
30) 1,2,4-Trichlorobenzene	11.080	180	66476	38.270	ng	93
31) Naphthalene	11.274	128	188257	40.534	ng	99
32) Benzoic acid	10.504	122	27541	46.290	ng	97
33) 4-Chloroaniline	11.373	127	84903	41.578	ng	98
34) Hexachlorobutadiene	11.550	225	48192	37.625	ng	100
35) Caprolactam	12.143	113	19209	48.836	ng	94
36) 4-Chloro-3-methylphenol	12.466	107	68050	44.532	ng	98
37) 2-Methylnaphthalene	12.854	142	148819	40.719	ng	95
38) 1-Methylnaphthalene	13.071	142	138760	41.123	ng	98
40) 1,2,4,5-Tetrachloroben...	13.212	216	93311	39.360	ng	99
41) Hexachlorocyclopentadiene	13.189	237	39132	41.035	ng	93
43) 2,4,6-Trichlorophenol	13.441	196	57142	44.522	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.518	196	65252	42.112	ng	95
46) 1,1'-Biphenyl	13.835	154	200139	41.442	ng	98
47) 2-Chloronaphthalene	13.888	162	148290	40.684	ng	99
48) 2-Nitroaniline	14.082	65	46011	50.274	ng	88
49) Acenaphthylene	14.728	152	242079	41.838	ng	98
50) Dimethylphthalate	14.434	163	203436	44.740	ng	99
51) 2,6-Dinitrotoluene	14.563	165	43316	45.637	ng	94
52) Acenaphthene	15.063	154	160156m	42.365	ng	
53) 3-Nitroaniline	14.898	138	41806	44.356	ng	98
54) 2,4-Dinitrophenol	15.104	184	21444	43.101	ng	# 86
55) Dibenzofuran	15.397	168	249071	40.662	ng	99
56) 4-Nitrophenol	15.192	139	30147	45.443	ng	88
57) 2,4-Dinitrotoluene	15.350	165	60567	46.858	ng	97
58) Fluorene	16.038	166	201432	40.845	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.615	232	55398	41.739	ng	98
60) Diethylphthalate	15.779	149	200659	45.780	ng	99
61) 4-Chlorophenyl-phenyle...	16.020	204	120658	40.764	ng	98
62) 4-Nitroaniline	16.055	138	43778	46.128	ng	87
63) Azobenzene	16.314	77	215090	46.130	ng	98
65) 4,6-Dinitro-2-methylph...	16.114	198	35759	44.132	ng	94
66) n-Nitrosodiphenylamine	16.232	169	174521	42.418	ng	98
67) 4-Bromophenyl-phenylether	16.913	248	76257	40.215	ng	99
68) Hexachlorobenzene	17.042	284	75169	38.648	ng	95
69) Atrazine	17.166	200	62369	47.461	ng	96
70) Pentachlorophenol	17.383	266	42365	46.349	ng	97
71) Phenanthrene	17.782	178	329536	40.938	ng	99
72) Anthracene	17.871	178	337542	41.471	ng	99
73) Carbazole	18.135	167	285822	41.602	ng	100
74) Di-n-butylphthalate	18.658	149	294800	46.128	ng	99
75) Fluoranthene	19.768	202	407593	40.756	ng	99
77) Benzidine	19.933	184	103898	49.701	ng	98
78) Pyrene	20.132	202	410286	43.560	ng	100
80) Butylbenzylphthalate	20.984	149	115233	47.038	ng	95
81) Benzo(a)anthracene	22.030	228	403374	42.290	ng	99
82) 3,3'-Dichlorobenzidine	21.930	252	117974	47.256	ng	99
83) Chrysene	22.106	228	379466	41.253	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	169644	43.967	ng	100
85) Di-n-octyl phthalate	23.187	149	290099	46.625	ng	98
87) Indeno(1,2,3-cd)pyrene	29.649	276	438661	41.479	ng	97
88) Benzo(b)fluoranthene	24.444	252	386298	41.741	ng	98
89) Benzo(k)fluoranthene	24.520	252	399399	41.722	ng	98
90) Benzo(a)pyrene	25.407	252	378655	41.540	ng	99
91) Dibenzo(a,h)anthracene	29.702	278	363998	41.452	ng	96
92) Benzo(g,h,i)perylene	30.924	276	354523	40.805	ng	97

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

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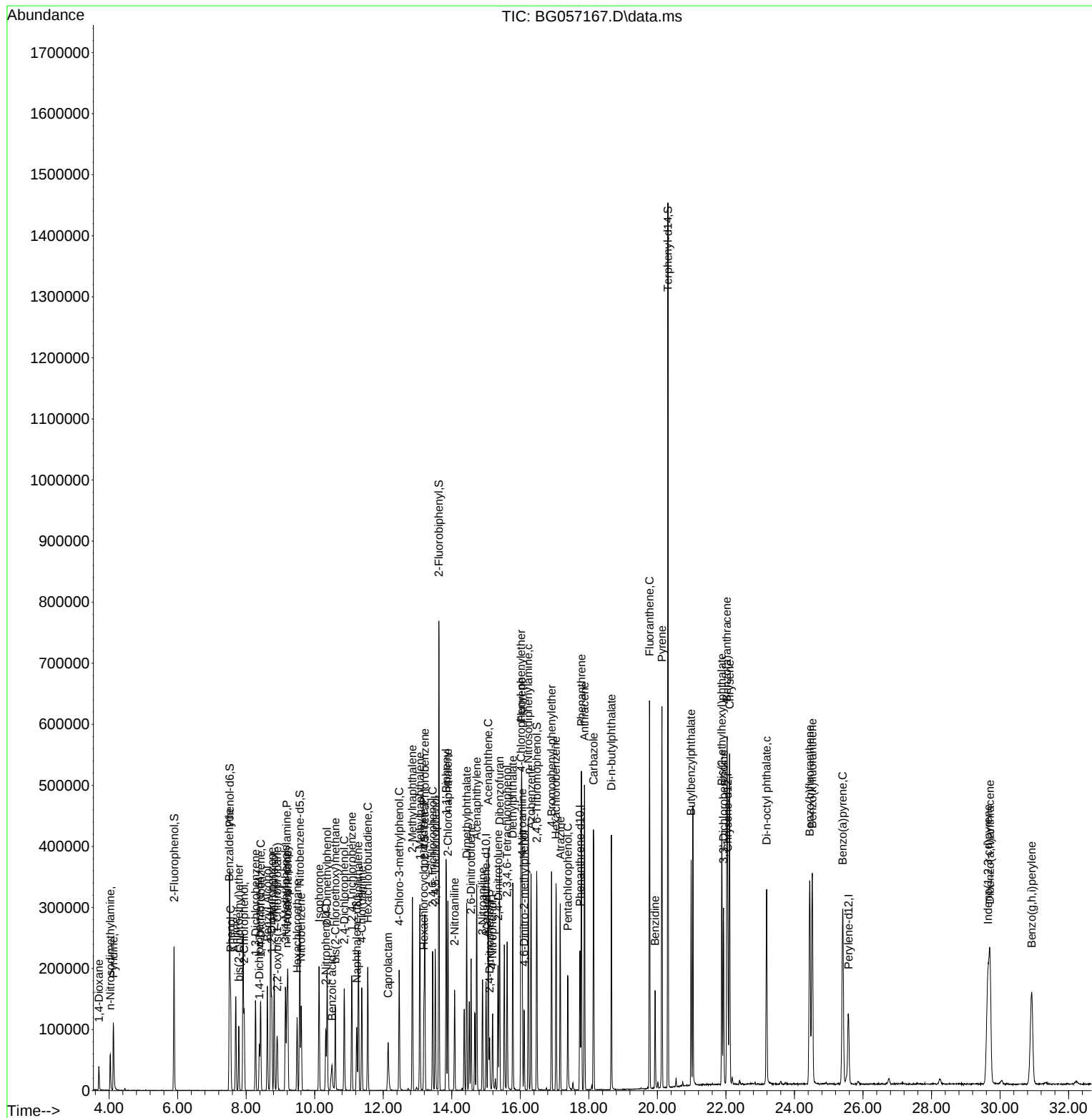
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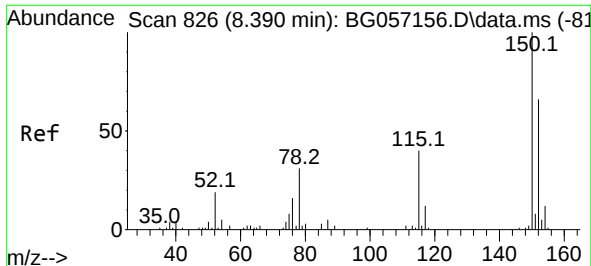
Manual Integrations

APPROVED

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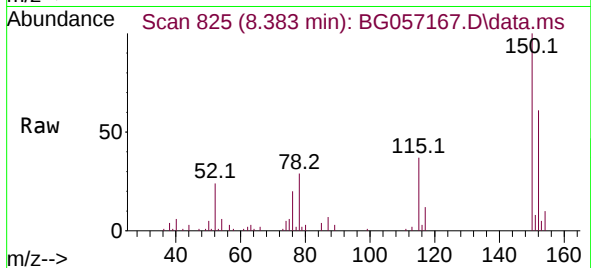
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.383 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

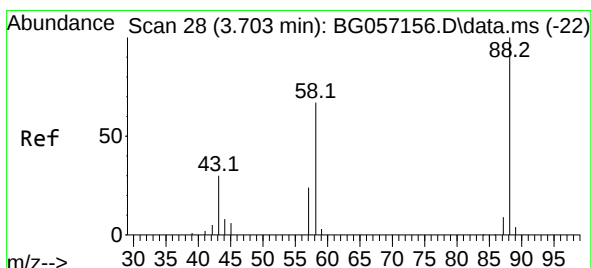
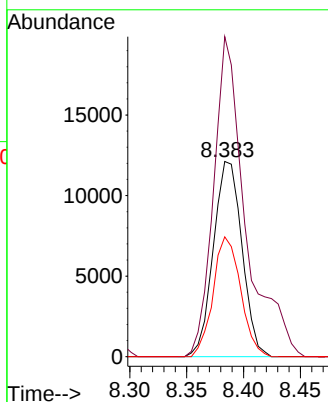
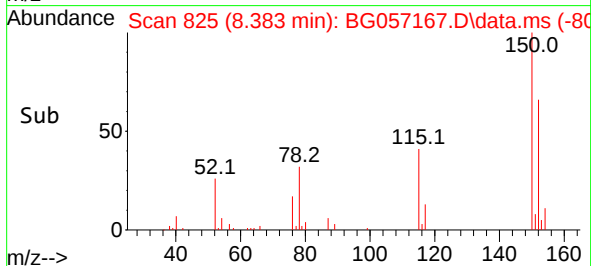
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



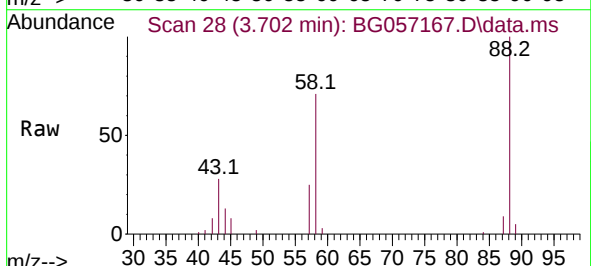
Tgt Ion: 152 Resp: 21204
Ion Ratio Lower Upper
152 100
150 163.9 121.4 182.2
115 61.4 48.1 72.1

Manual Integrations
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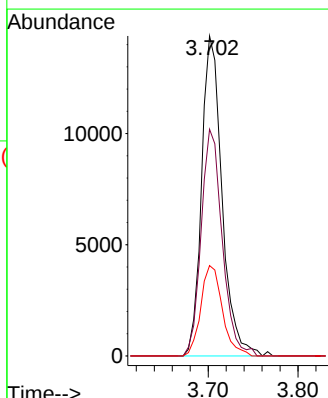
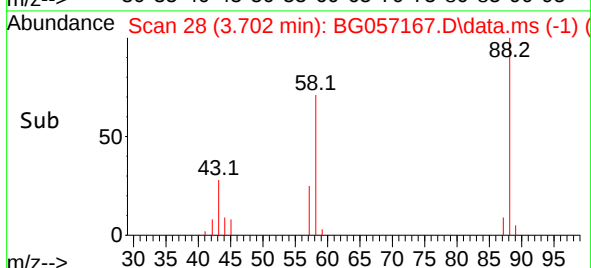
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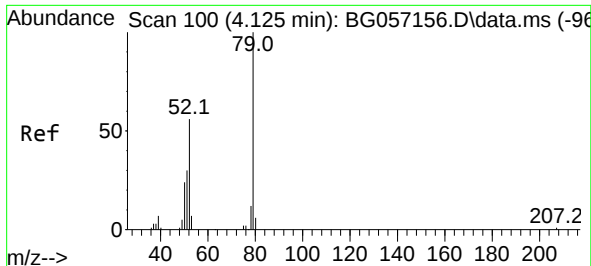


#2
1,4-Dioxane
Concen: 43.340 ng
RT: 3.702 min Scan# 28
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion: 88 Resp: 22724
Ion Ratio Lower Upper
88 100
58 73.0 54.2 81.4
43 29.8 23.0 34.6





#3
Pyridine
Concen: 46.494 ng
RT: 4.124 min Scan# 100
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

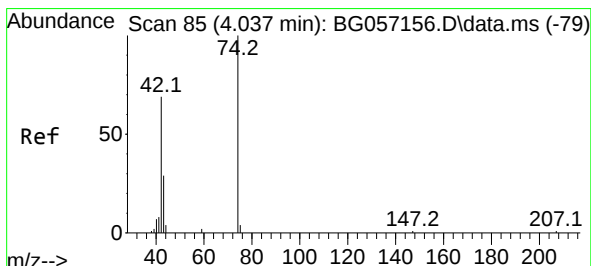
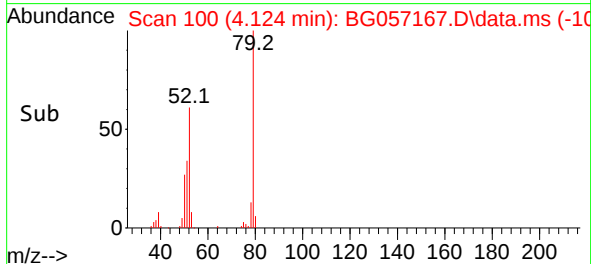
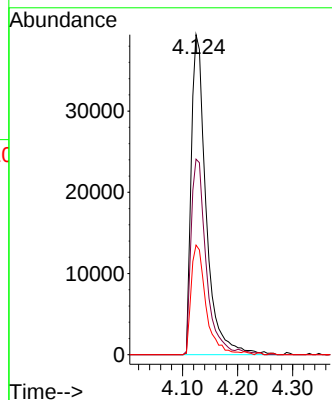
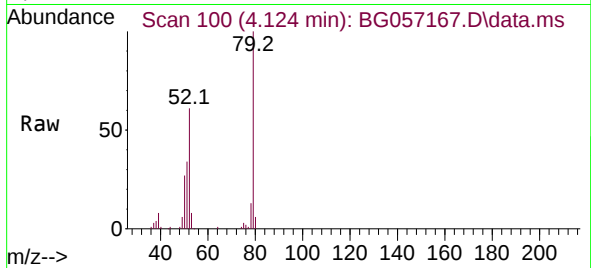
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 7396
Ion Ratio Lower Upper
79 100
52 61.1 44.5 66.7
51 34.3 24.3 36.5

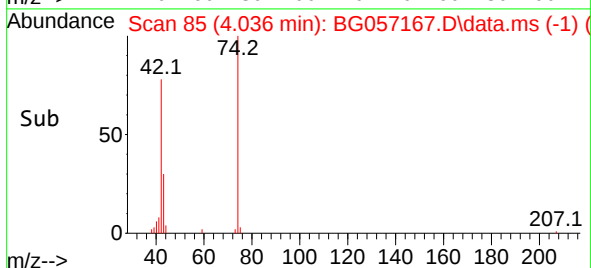
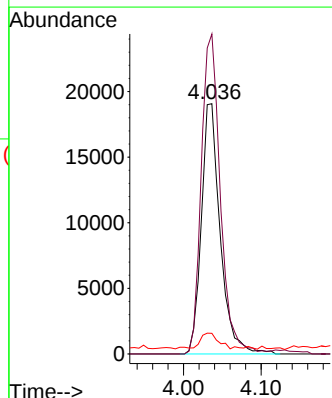
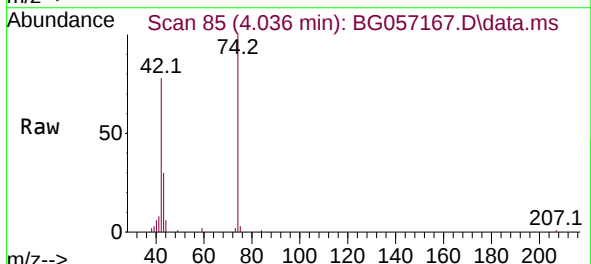
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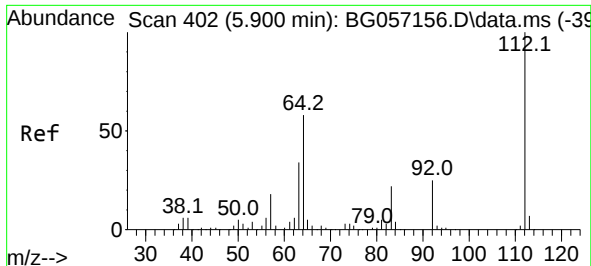
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#4
n-Nitrosodimethylamine
Concen: 56.064 ng
RT: 4.036 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion: 42 Resp: 32173
Ion Ratio Lower Upper
42 100
74 127.9 115.6 173.4
44 8.3 7.1 10.7





#5
2-Fluorophenol
Concen: 87.205 ng
RT: 5.899 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

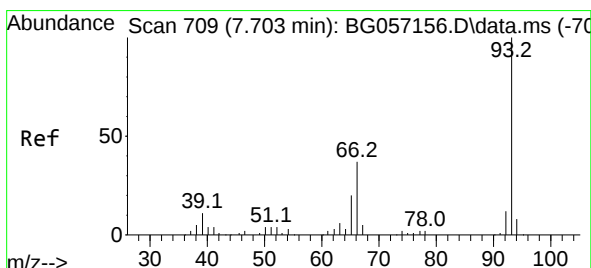
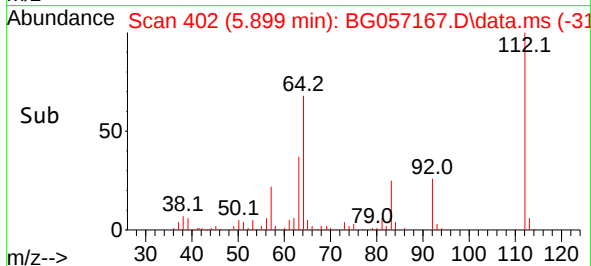
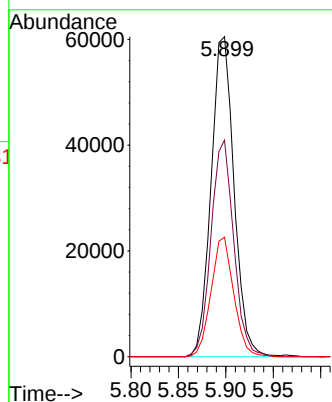
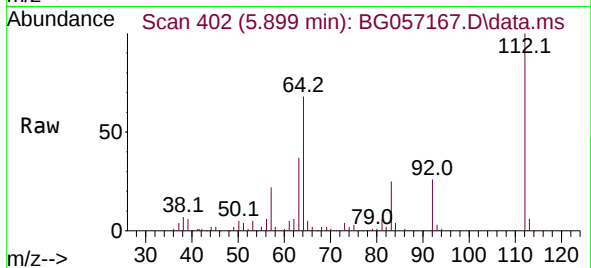
SSTDCCC040EC

Tgt Ion:112 Resp: 10203
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 37.4 26.9 40.3

Manual Integrations

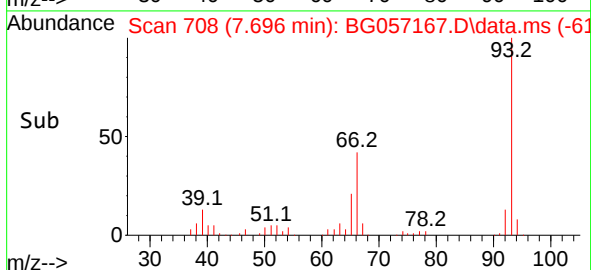
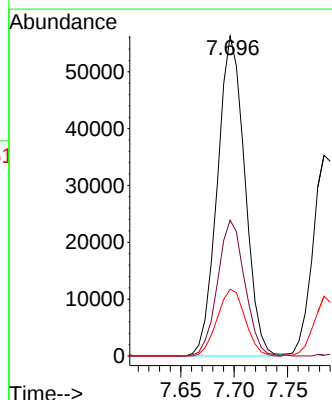
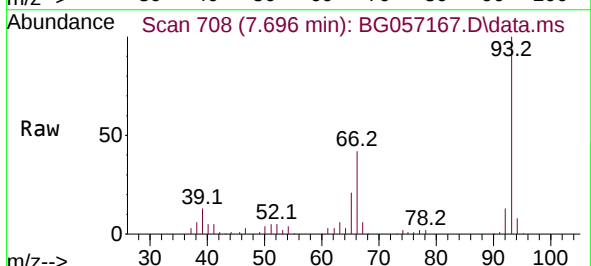
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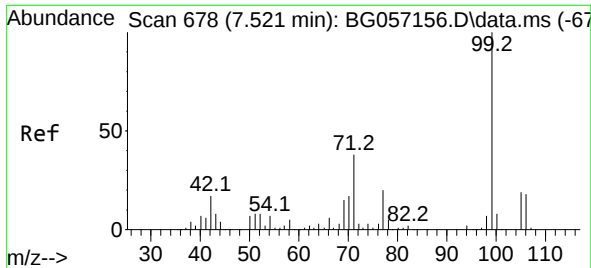
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#6
Aniline
Concen: 45.464 ng
RT: 7.696 min Scan# 708
Delta R.T. -0.007 min
Lab File: BG057167.D
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Tgt Ion: 93 Resp: 100516
Ion Ratio Lower Upper
93 100
66 42.5 29.8 44.8
65 20.8 16.4 24.6





#7
Phenol-d6
Concen: 93.005 ng
RT: 7.520 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057167.D
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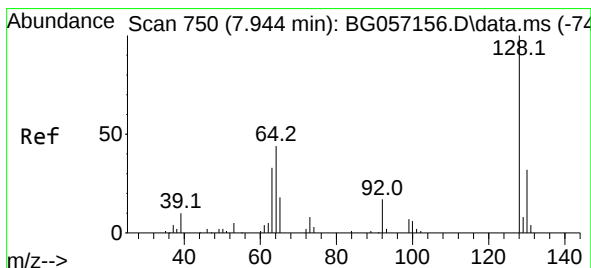
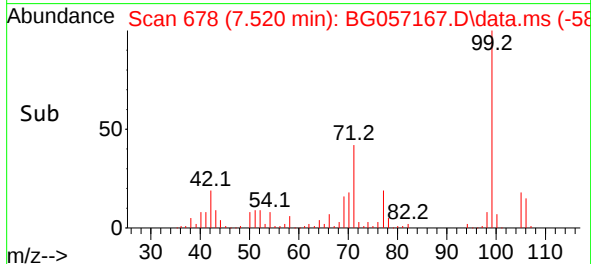
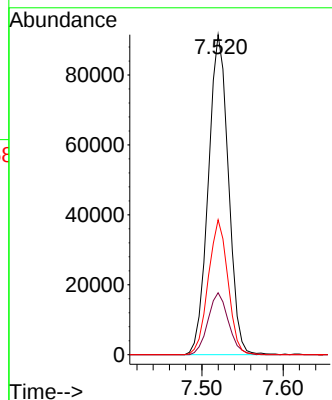
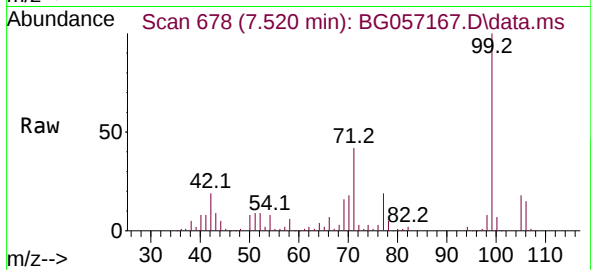
SSTDCCC040EC

Tgt Ion: 99 Resp: 157454
Ion Ratio Lower Upper
99 100
42 19.3 13.4 20.0
71 42.1 30.2 45.2

Manual Integrations

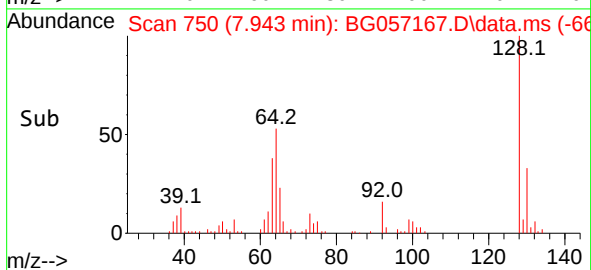
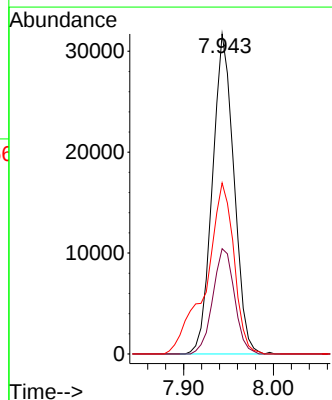
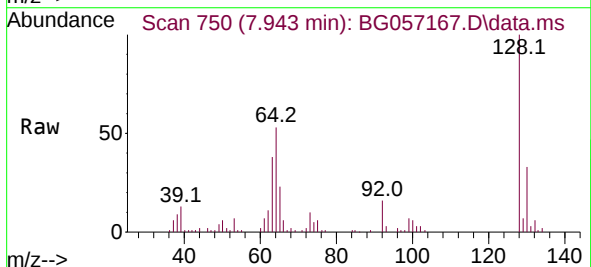
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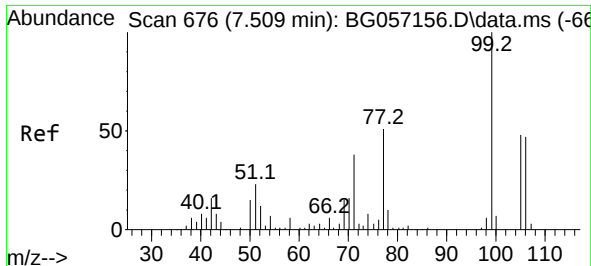
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#8
2-Chlorophenol
Concen: 42.987 ng
RT: 7.943 min Scan# 750
Delta R.T. -0.001 min
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Tgt Ion:128 Resp: 52691
Ion Ratio Lower Upper
128 100
130 32.9 11.6 51.6
64 53.4 31.4 71.4





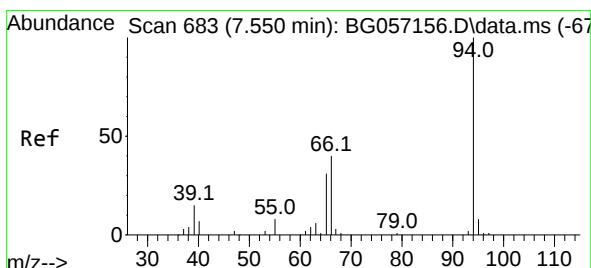
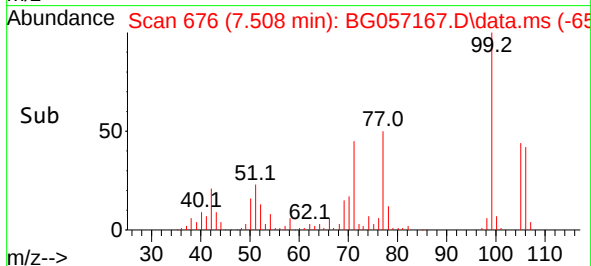
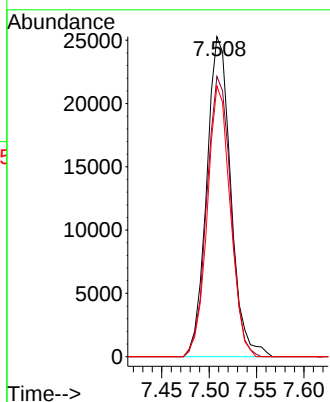
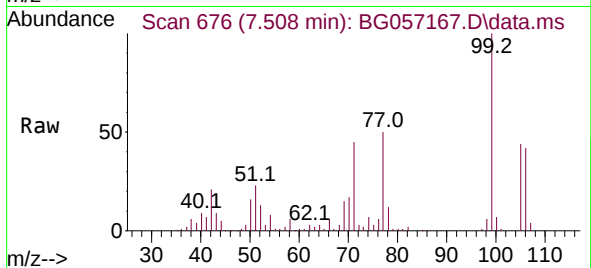
#9
Benzaldehyde
Concen: 43.975 ng
RT: 7.508 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057167.D
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Tgt Ion: 77 Resp: 44592
Ion Ratio Lower Upper
77 100
105 87.6 73.5 113.5
106 84.6 72.7 112.7

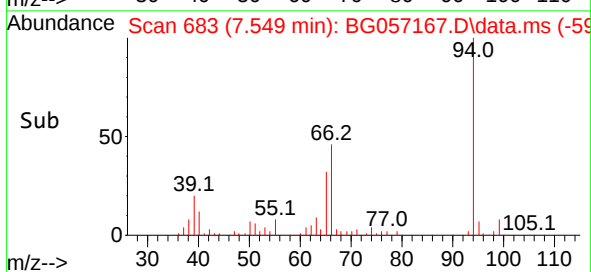
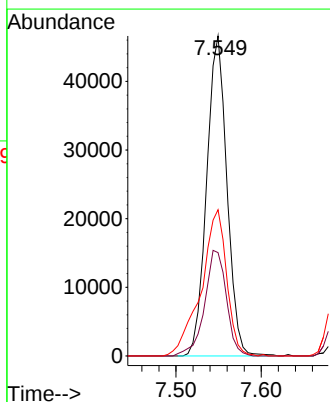
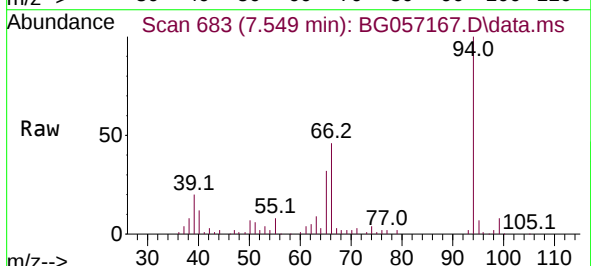
Manual Integrations
APPROVED

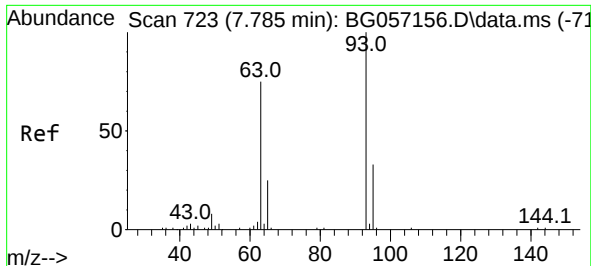
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#10
Phenol
Concen: 45.908 ng
RT: 7.549 min Scan# 683
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion: 94 Resp: 77172
Ion Ratio Lower Upper
94 100
65 32.3 11.6 51.6
66 45.7 22.7 62.7





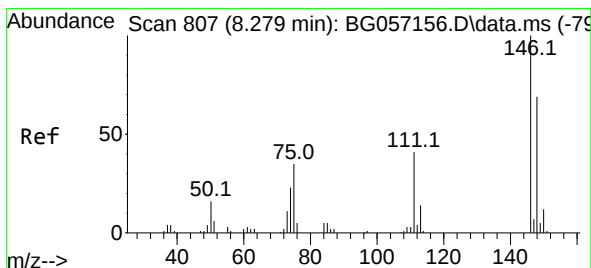
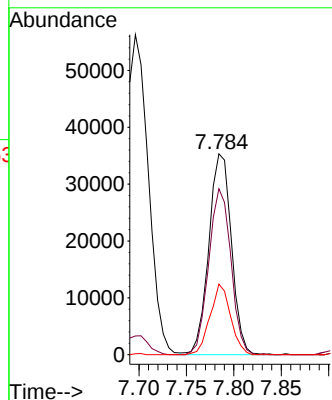
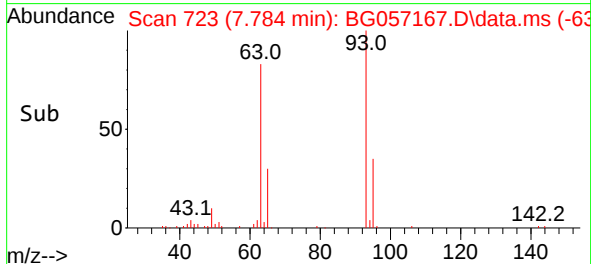
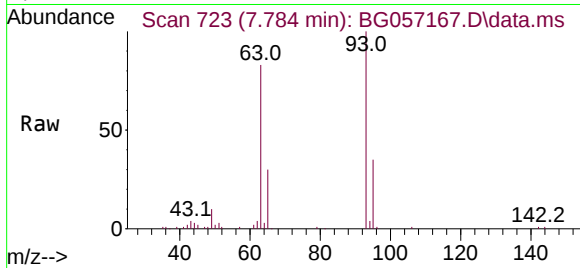
#11
bis(2-Chloroethyl)ether
Concen: 44.390 ng
RT: 7.784 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 58556
Ion Ratio Lower Upper
93 100
63 82.6 53.9 93.9
95 35.1 13.1 53.1

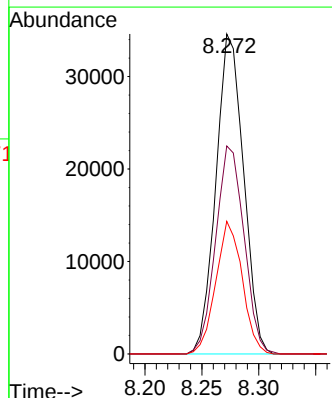
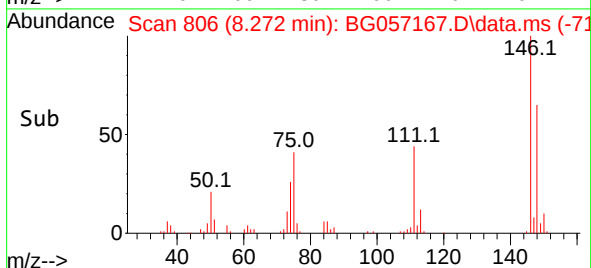
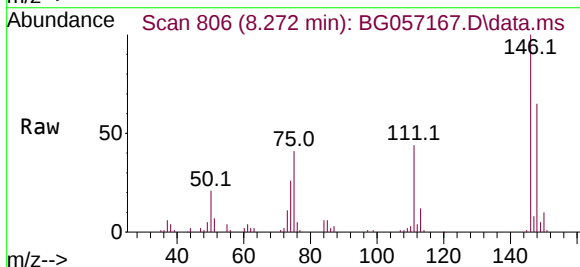
Manual Integrations
APPROVED

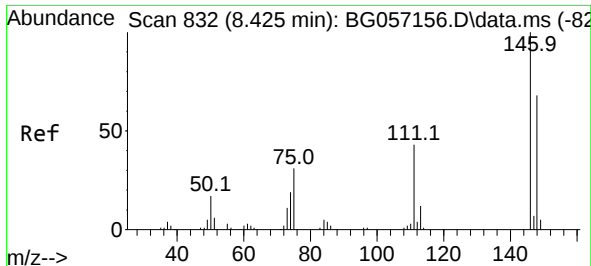
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#12
1,3-Dichlorobenzene
Concen: 40.328 ng
RT: 8.272 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:146 Resp: 58559
Ion Ratio Lower Upper
146 100
148 65.0 55.4 83.2
75 41.4 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 40.887 ng

RT: 8.425 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

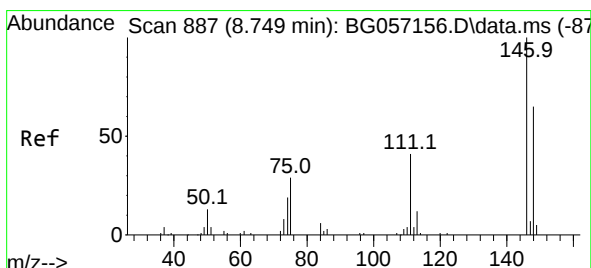
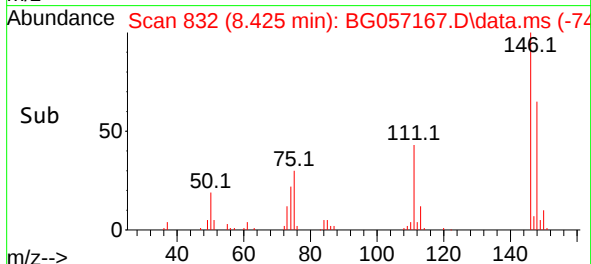
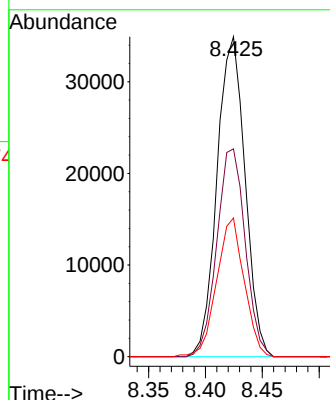
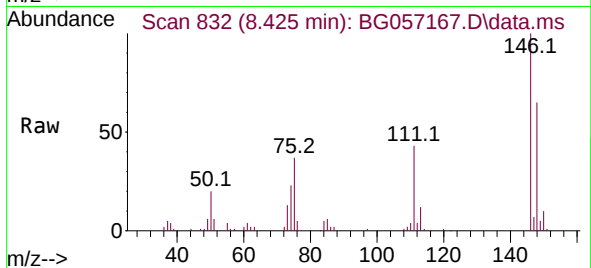
SSTDCCC040EC

Tgt Ion:146 Resp: 5983
 Ion Ratio Lower Upper
 146 100
 148 64.9 54.3 81.5
 111 43.4 34.2 51.4

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 40.620 ng

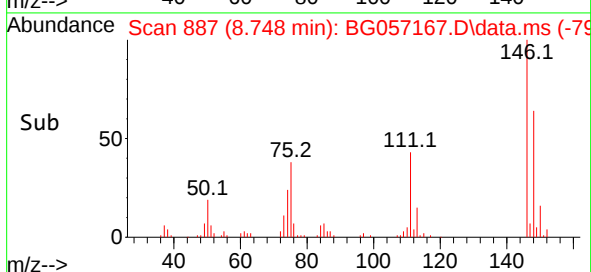
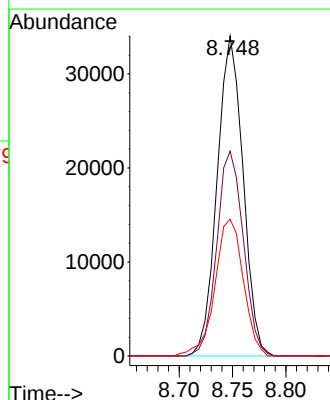
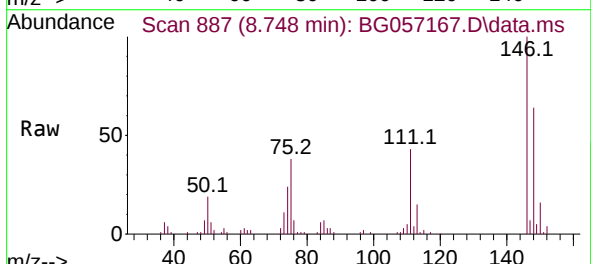
RT: 8.748 min Scan# 887

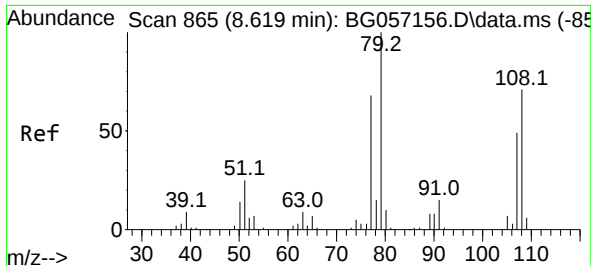
Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Tgt Ion:146 Resp: 57393
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 42.7 33.1 49.7





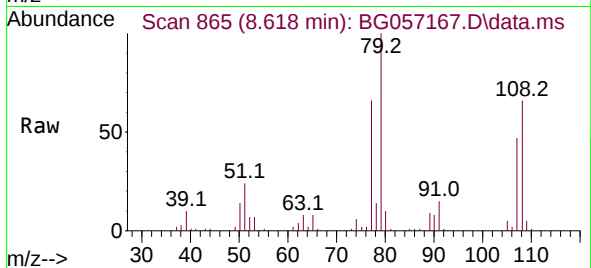
#15
Benzyl Alcohol
Concen: 51.691 ng
RT: 8.618 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

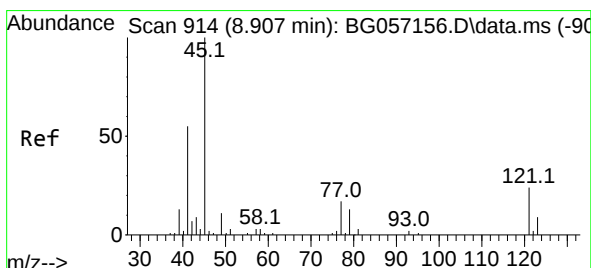
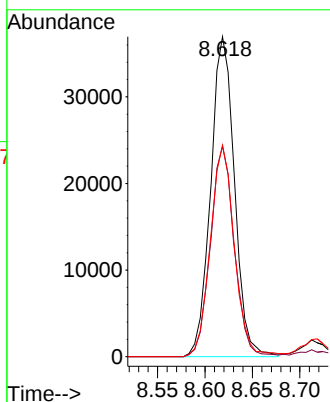
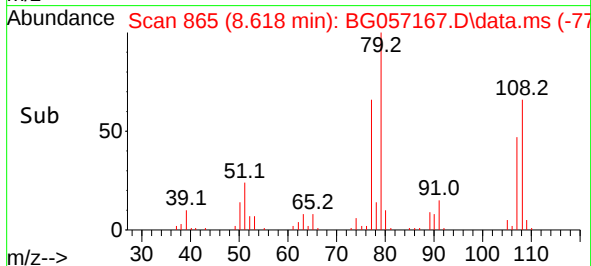
SSTDCCC040EC



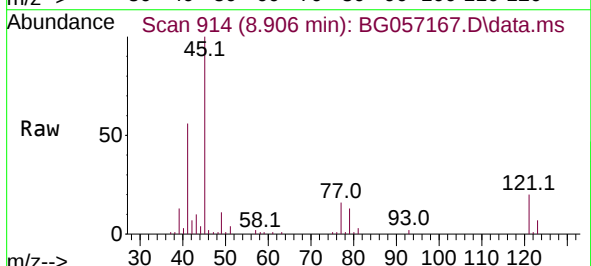
Tgt Ion: 79 Resp: 6448
Ion Ratio Lower Upper
79 100
108 65.8 56.8 85.2
77 66.1 54.2 81.2

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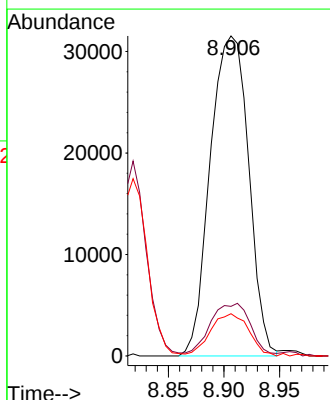
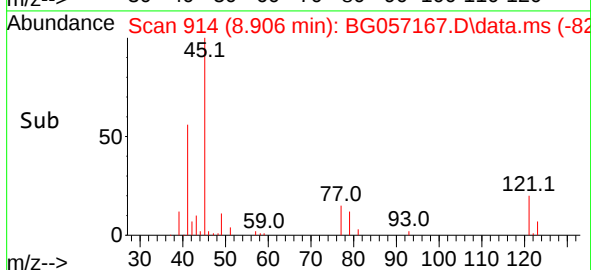
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

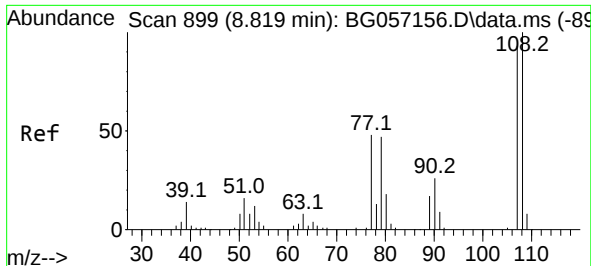


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.175 ng m
RT: 8.906 min Scan# 914
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion: 45 Resp: 75873
Ion Ratio Lower Upper
45 100
77 15.5 0.0 38.7
79 13.2 0.0 34.9





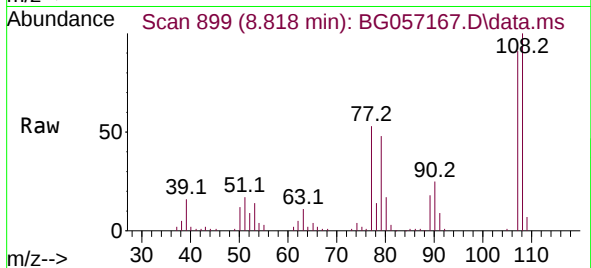
#17
2-Methylphenol
Concen: 46.129 ng
RT: 8.818 min Scan# 899
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

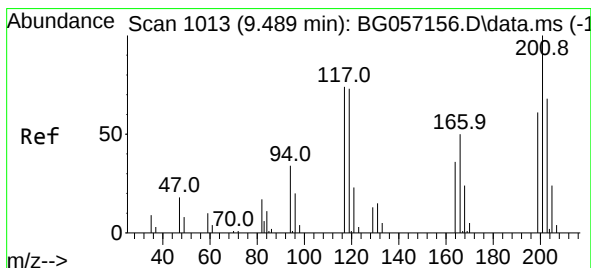
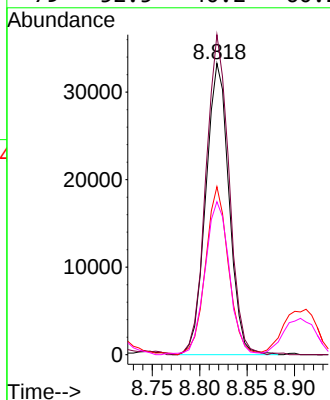
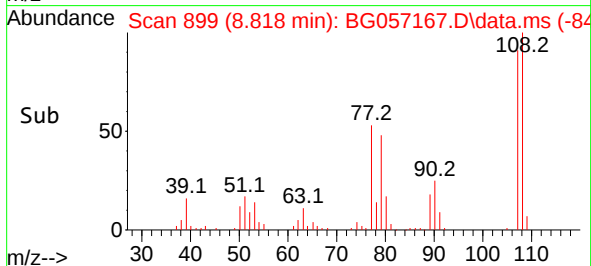


Tgt Ion:107 Resp: 56744
Ion Ratio Lower Upper
107 100
108 109.9 86.2 129.4
77 57.7 41.8 62.8
79 52.5 40.2 60.2

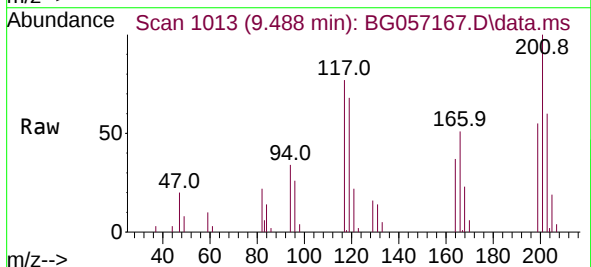
Manual Integrations

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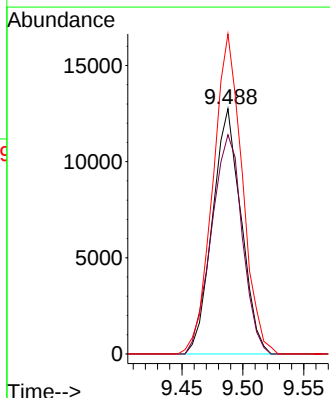
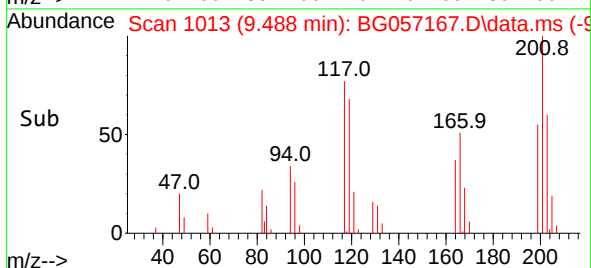
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

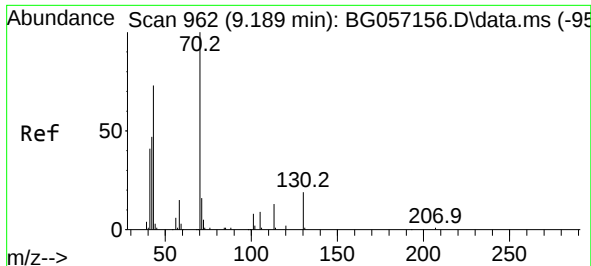


#18
Hexachloroethane
Concen: 42.043 ng
RT: 9.488 min Scan# 1013
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:117 Resp: 20872
Ion Ratio Lower Upper
117 100
119 89.3 78.3 117.5
201 130.4 107.6 161.4





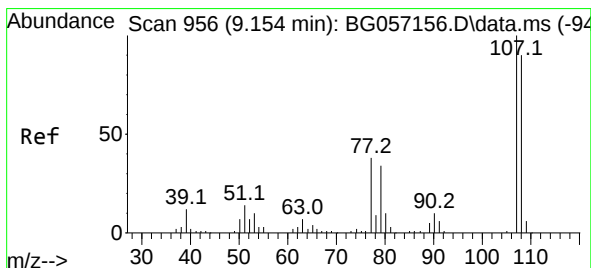
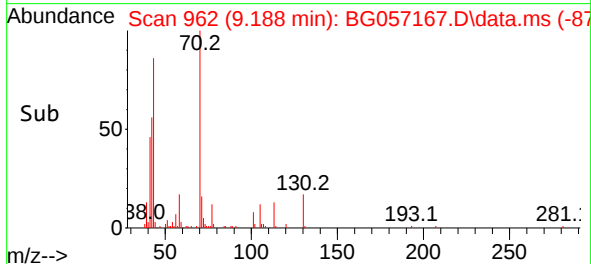
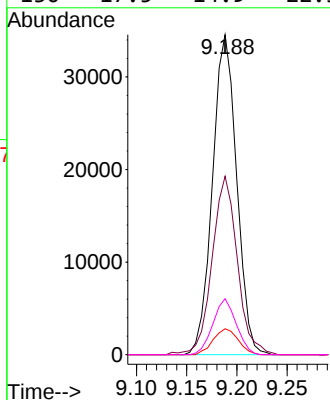
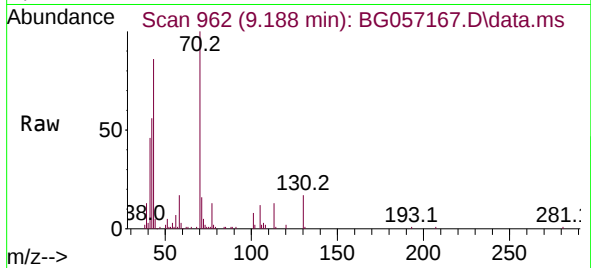
#19
n-Nitroso-di-n-propylamine
Concen: 54.907 ng
RT: 9.188 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 5781
Ion Ratio Lower Upper
70 100
42 55.8 38.0 57.0
101 8.1 6.6 9.8
130 17.5 14.9 22.3

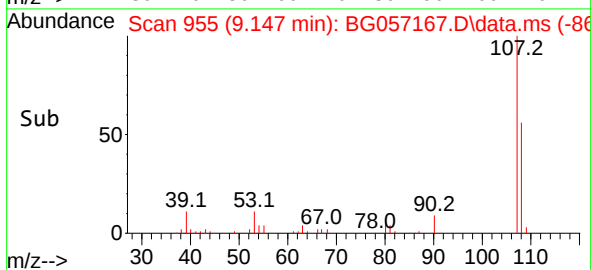
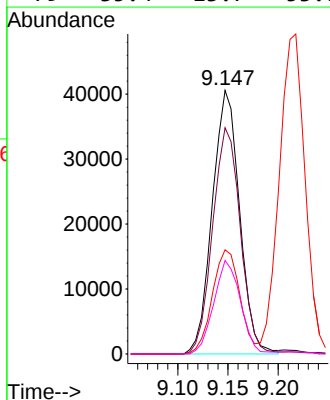
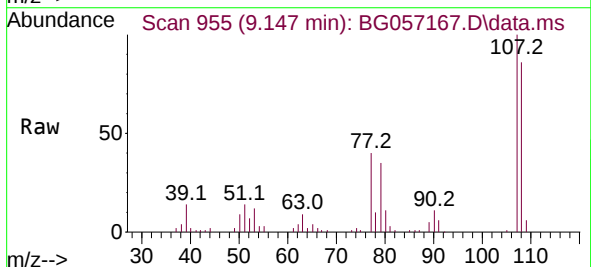
Manual Integrations
APPROVED

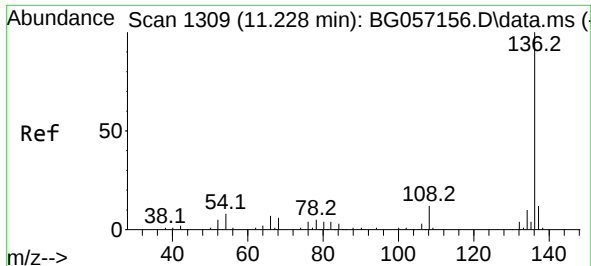
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#20
3+4-Methylphenols
Concen: 45.573 ng
RT: 9.147 min Scan# 955
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:107 Resp: 76720
Ion Ratio Lower Upper
107 100
108 85.8 70.2 110.2
77 39.5 17.8 57.8
79 35.4 13.7 53.7





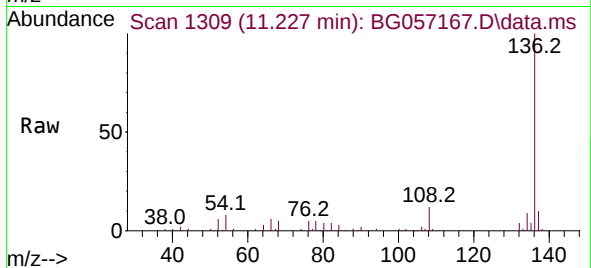
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.227 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

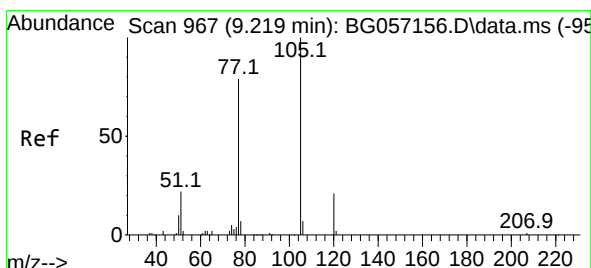
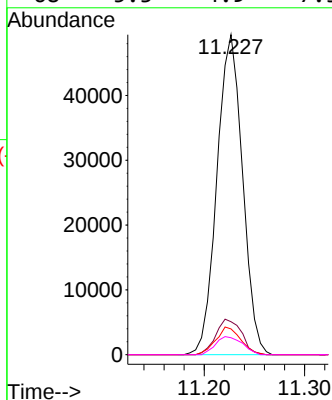
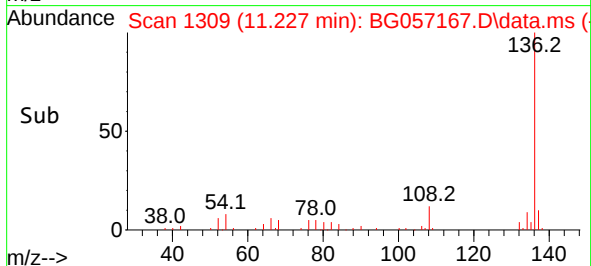


Tgt Ion:136 Resp: 8744
Ion Ratio Lower Upper
136 100
137 10.3 9.5 14.3
54 8.1 6.4 9.6
68 5.3 4.9 7.3

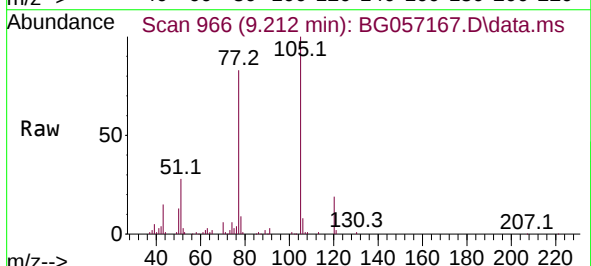
Manual Integrations

APPROVED

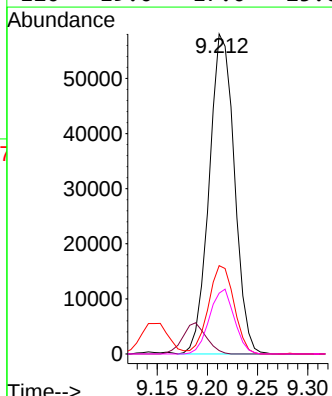
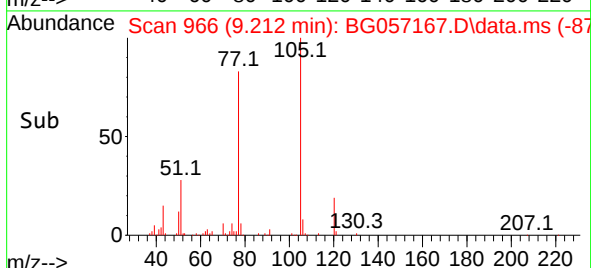
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

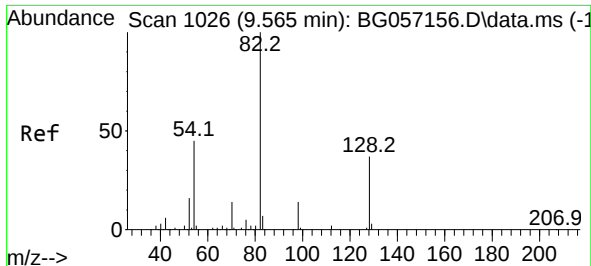


#22
Acetophenone
Concen: 42.746 ng
RT: 9.212 min Scan# 966
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



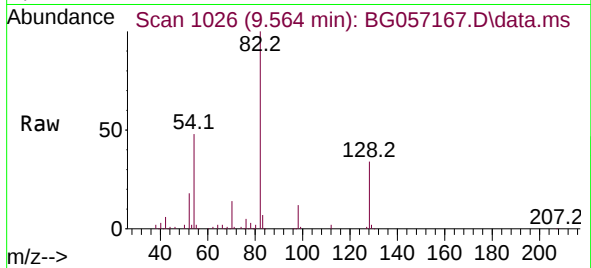
Tgt Ion:105 Resp: 101396
Ion Ratio Lower Upper
105 100
71 1.1 0.2 0.4#
51 27.6 19.4 29.0
120 19.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 94.381 ng
RT: 9.564 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

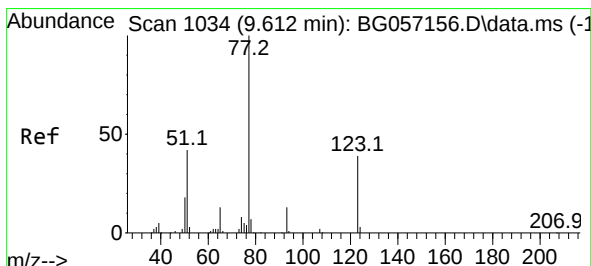
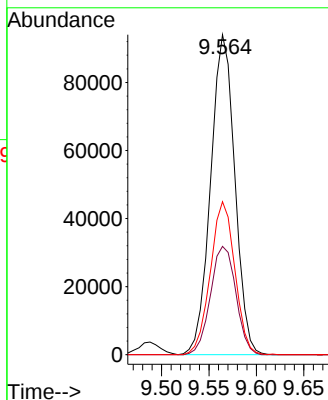
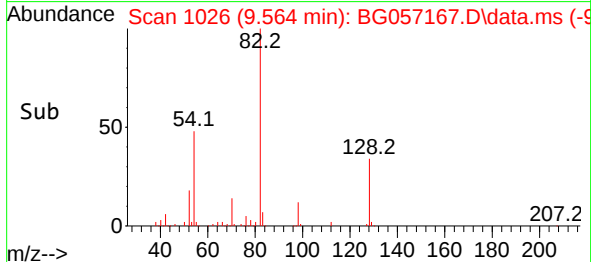
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



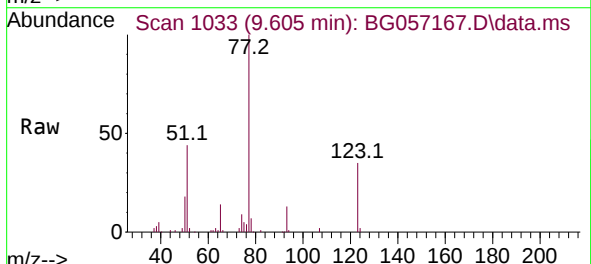
Tgt Ion: 82 Resp: 16693
Ion Ratio Lower Upper
82 100
128 33.8 29.4 44.2
54 47.8 36.2 54.2

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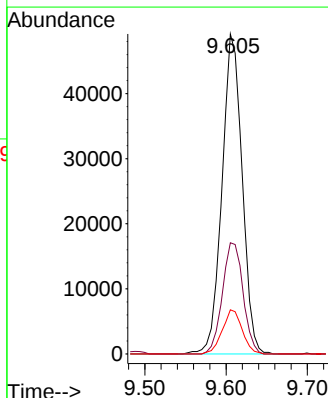
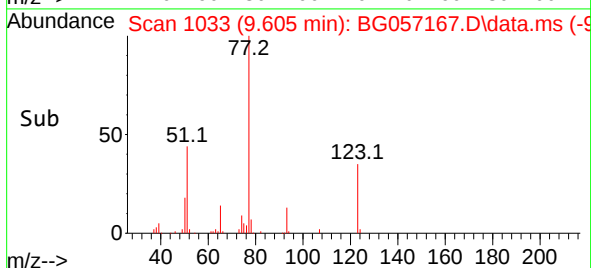
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

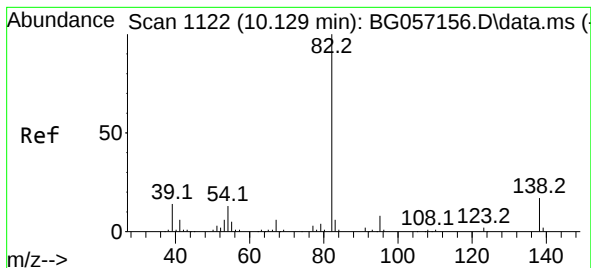


#24
Nitrobenzene
Concen: 47.670 ng
RT: 9.605 min Scan# 1033
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion: 77 Resp: 84655
Ion Ratio Lower Upper
77 100
123 34.7 31.3 46.9
65 13.8 10.5 15.7





#25

Isophorone

Concen: 46.992 ng

RT: 10.128 min Scan# 1122

Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

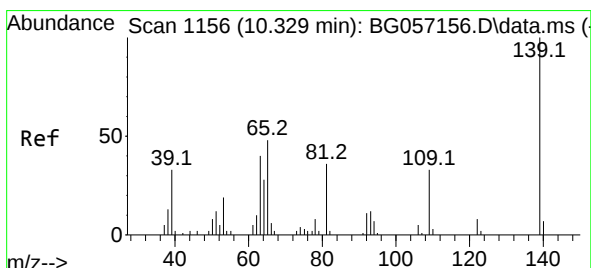
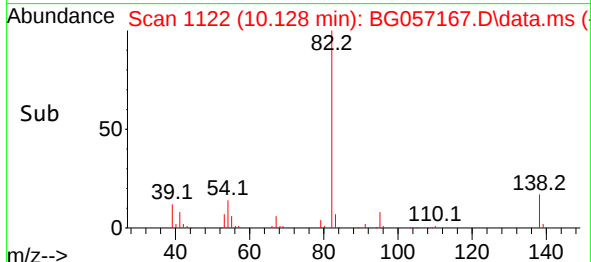
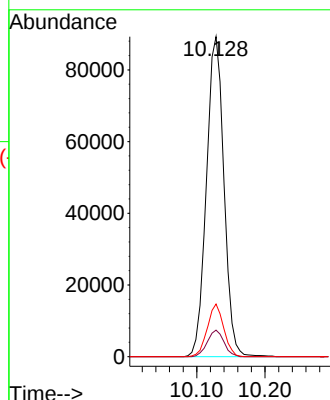
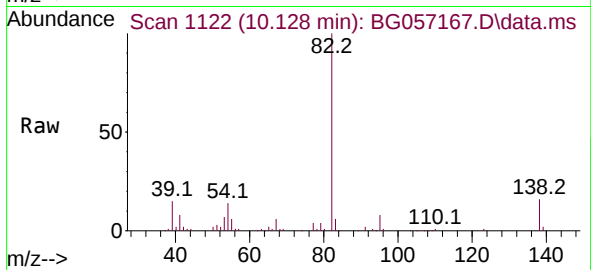
Tgt Ion:	82	Resp:	15942
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.2	9.2
138	16.5	13.4	20.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#26

2-Nitrophenol

Concen: 46.199 ng

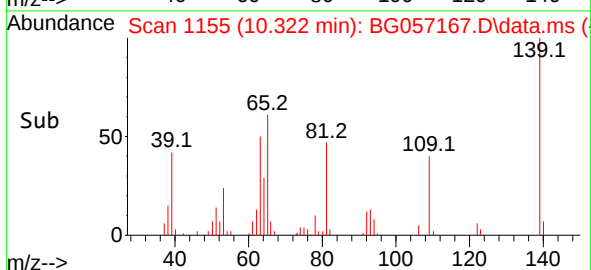
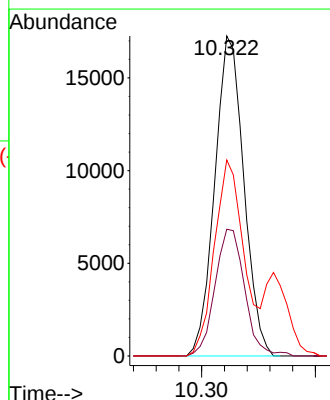
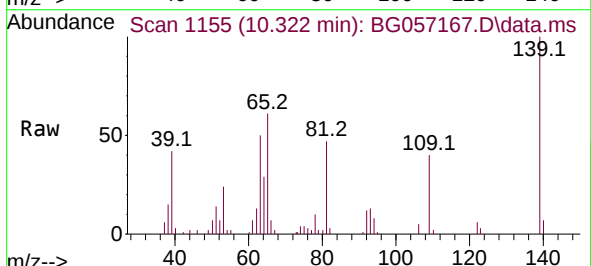
RT: 10.322 min Scan# 1155

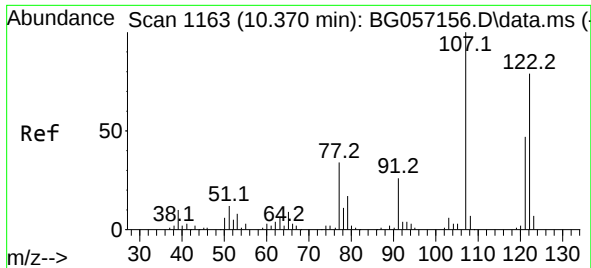
Delta R.T. -0.007 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Tgt Ion:	139	Resp:	30651
Ion Ratio	Lower	Upper	
139	100		
109	39.6	26.6	39.8
65	61.2	38.6	58.0





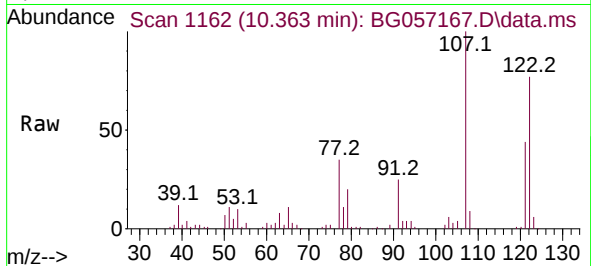
#27
2,4-Dimethylphenol
Concen: 44.556 ng
RT: 10.363 min Scan# 1162
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

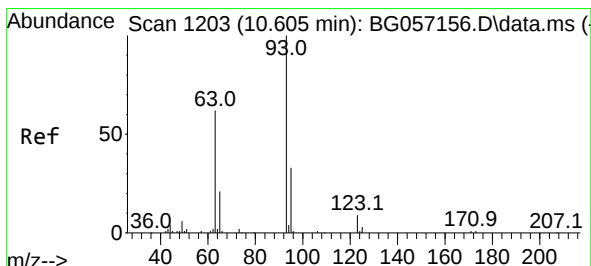
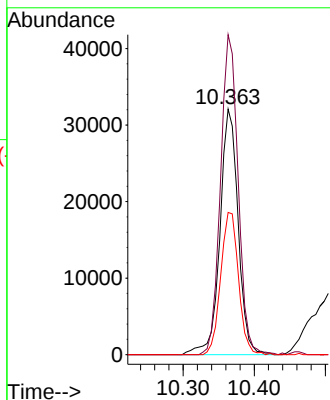
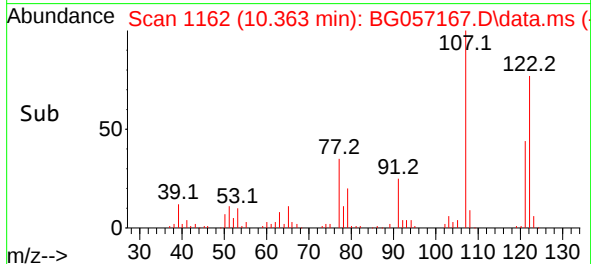


Tgt Ion:122 Resp: 56810
Ion Ratio Lower Upper
122 100
107 130.3 101.5 152.3
121 58.0 48.0 72.0

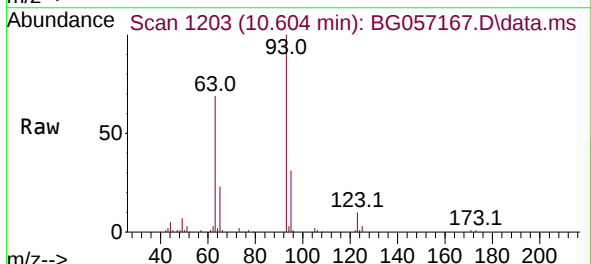
Manual Integrations

APPROVED

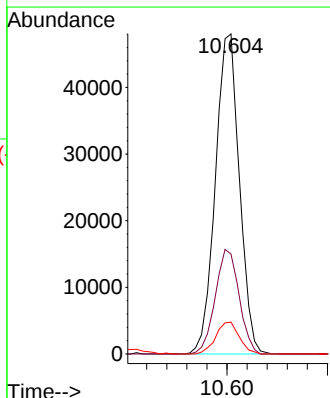
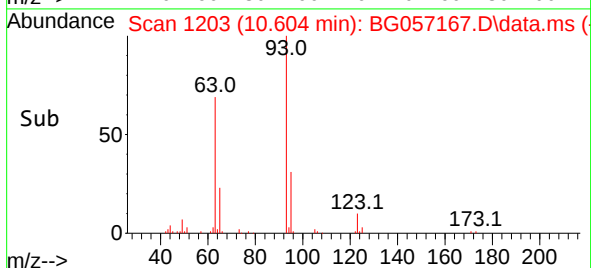
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

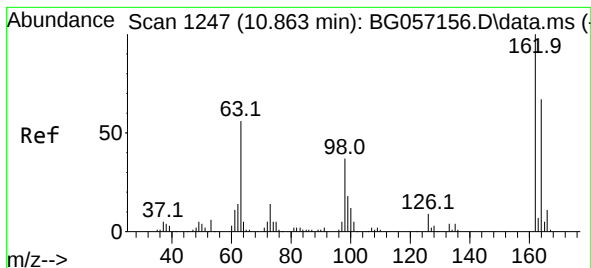


#28
bis(2-Chloroethoxy)methane
Concen: 44.747 ng
RT: 10.604 min Scan# 1203
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion: 93 Resp: 79581
Ion Ratio Lower Upper
93 100
95 31.2 26.5 39.7
123 10.0 7.4 11.0





#29
2,4-Dichlorophenol
Concen: 42.708 ng
RT: 10.862 min Scan# 1247
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

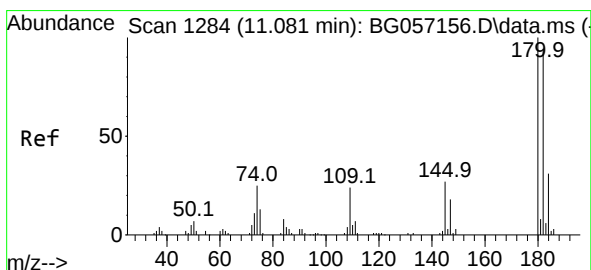
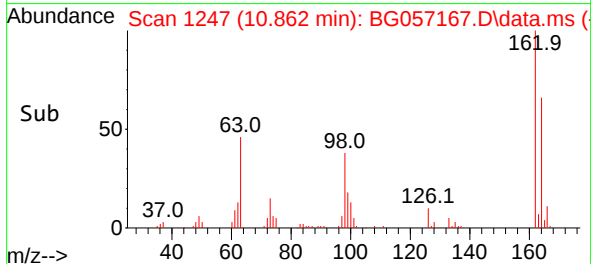
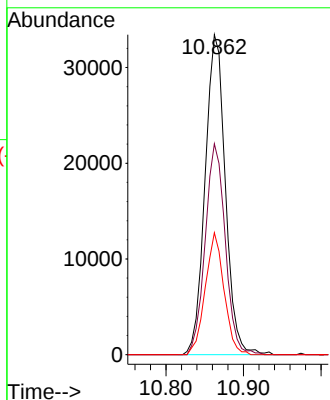
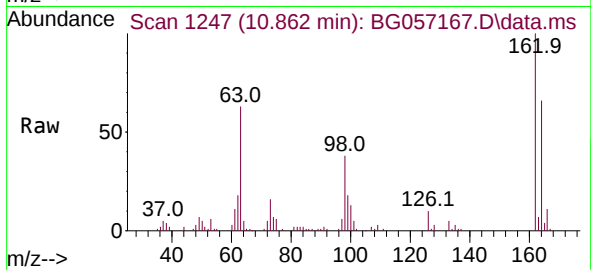
ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 6066
Ion Ratio Lower Upper
162 100
164 65.9 47.2 87.2
98 38.1 16.8 56.8

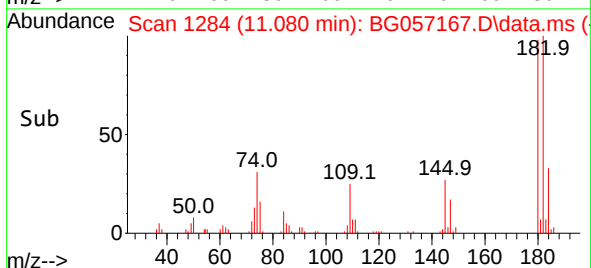
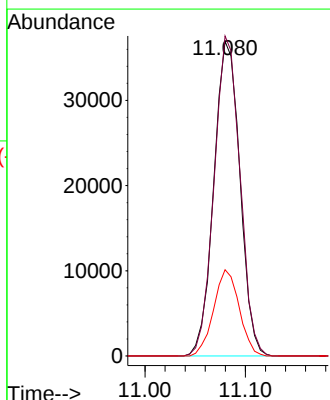
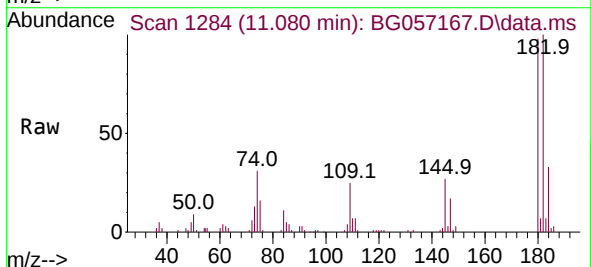
Manual Integrations
APPROVED

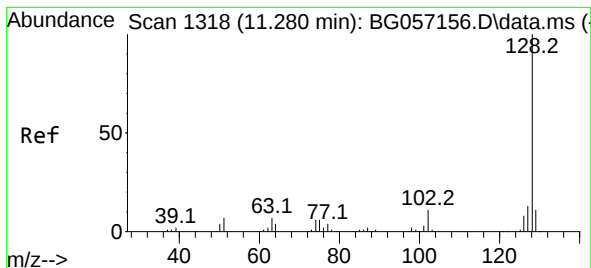
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.270 ng
RT: 11.080 min Scan# 1284
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:180 Resp: 66476
Ion Ratio Lower Upper
180 100
182 101.7 75.0 112.6
145 27.4 21.4 32.2





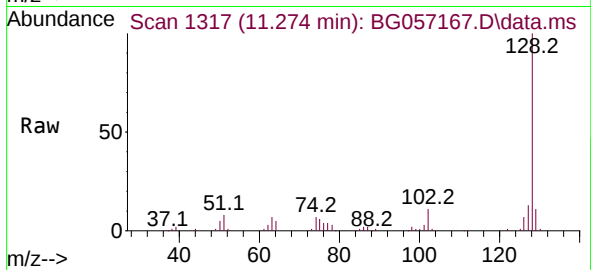
#31
Naphthalene
Concen: 40.534 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

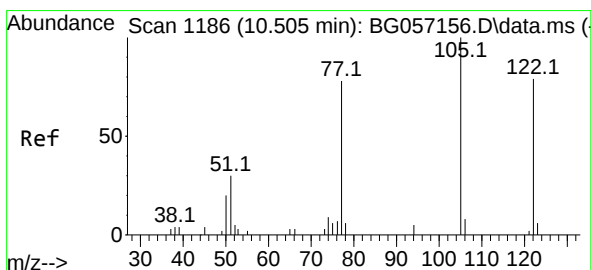
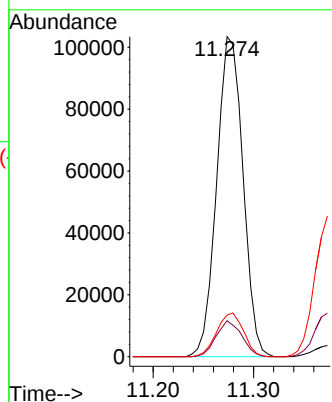
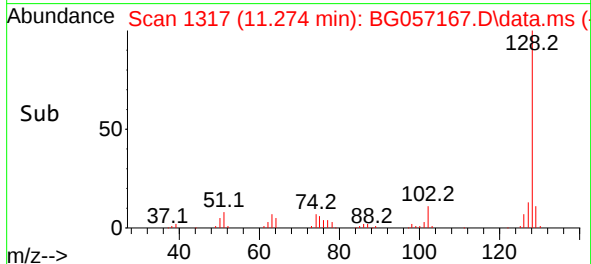


Tgt Ion:128 Resp: 18825
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.0 10.6 16.0

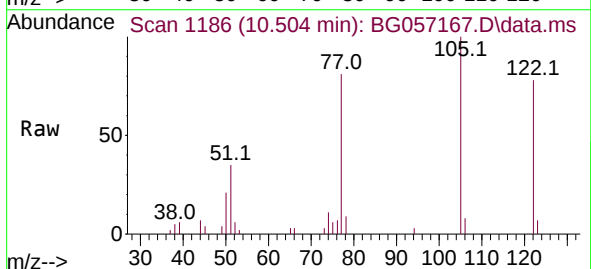
Manual Integrations

APPROVED

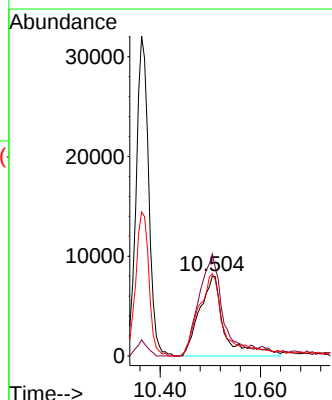
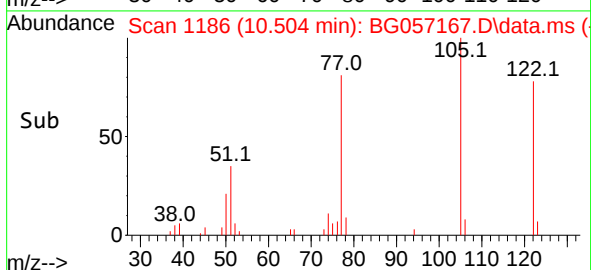
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

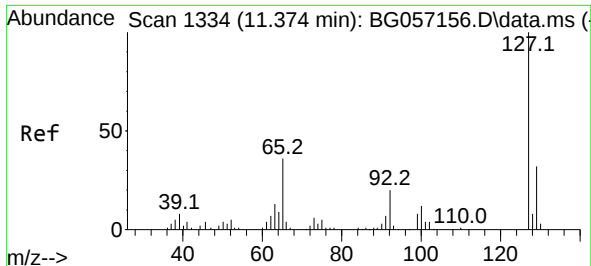


#32
Benzoic acid
Concen: 46.290 ng
RT: 10.504 min Scan# 1186
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:122 Resp: 27541
Ion Ratio Lower Upper
122 100
105 128.0 104.3 144.3
77 103.0 79.5 119.5





#33
4-Chloroaniline
Concen: 41.578 ng
RT: 11.373 min Scan# 1133
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

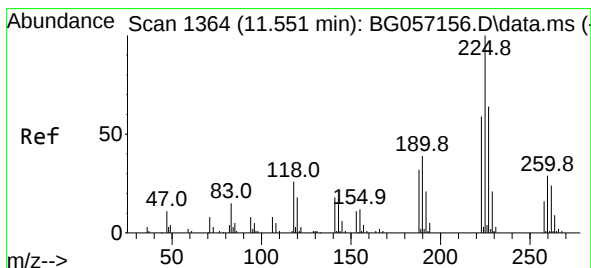
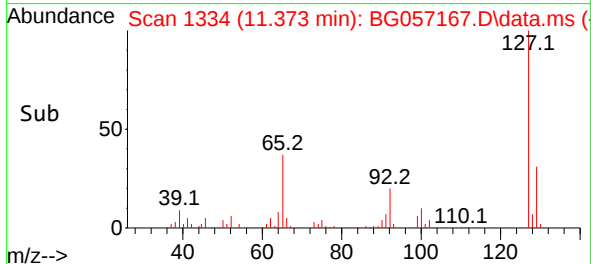
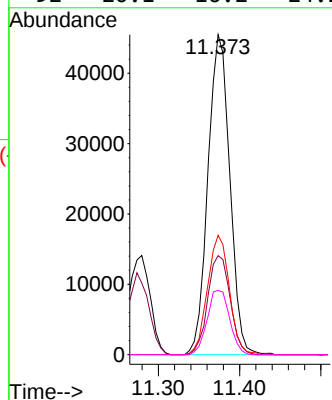
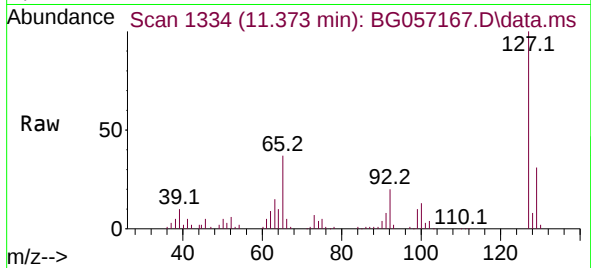
SSTDCCC040EC

Tgt Ion:127 Resp: 8490
Ion Ratio Lower Upper
127 100
129 31.0 25.9 38.9
65 37.3 28.6 42.8
92 20.1 16.2 24.2

Manual Integrations

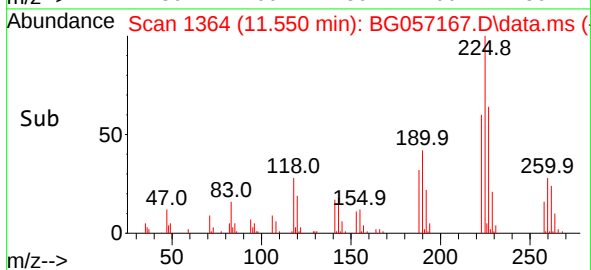
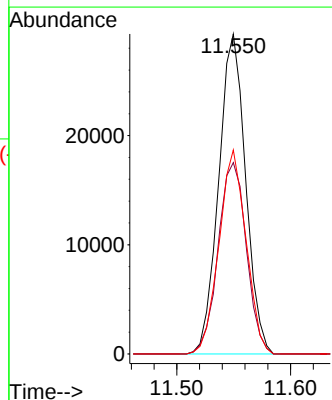
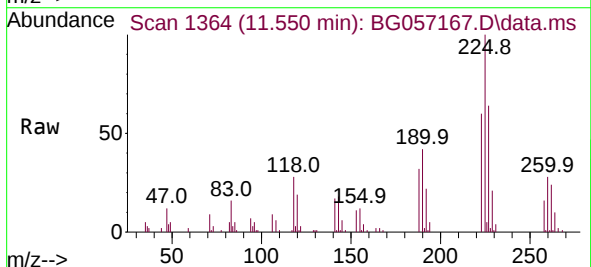
APPROVED

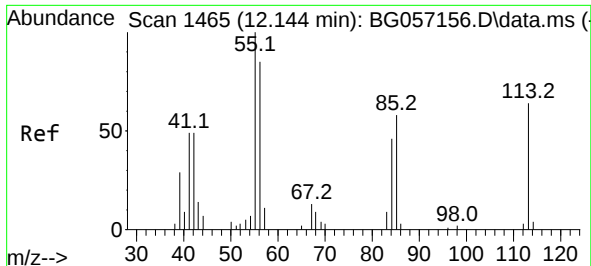
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#34
Hexachlorobutadiene
Concen: 37.625 ng
RT: 11.550 min Scan# 1364
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

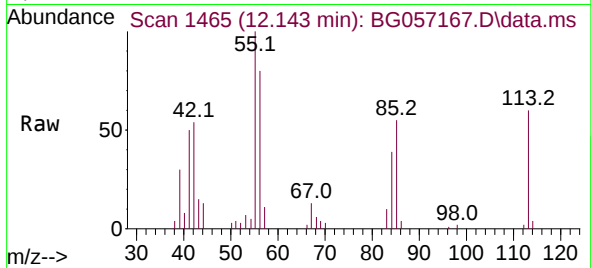
Tgt Ion:225 Resp: 48192
Ion Ratio Lower Upper
225 100
223 59.8 47.4 71.0
227 63.8 51.1 76.7





#35
Caprolactam
Concen: 48.836 ng
RT: 12.143 min Scan# 1465
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

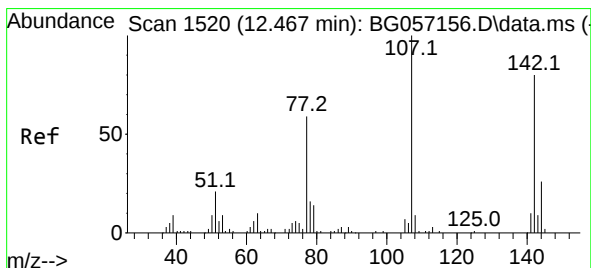
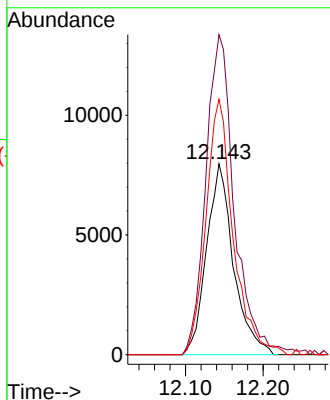
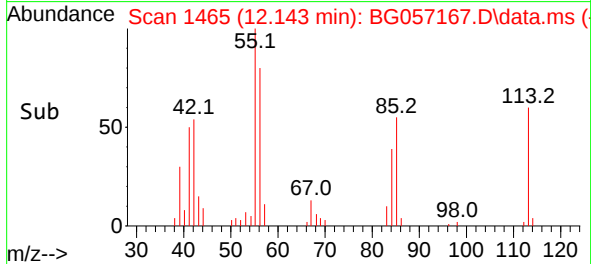
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



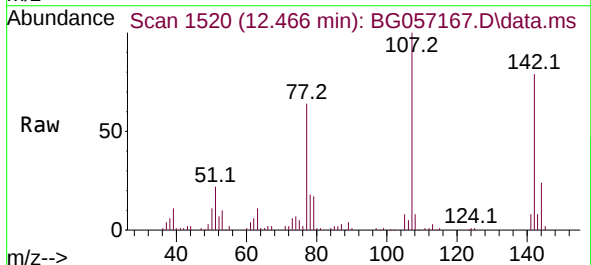
Tgt Ion:113 Resp: 19209
Ion Ratio Lower Upper
113 100
55 167.6 135.8 175.8
56 133.8 111.8 151.8

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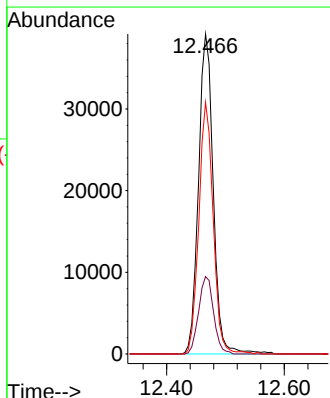
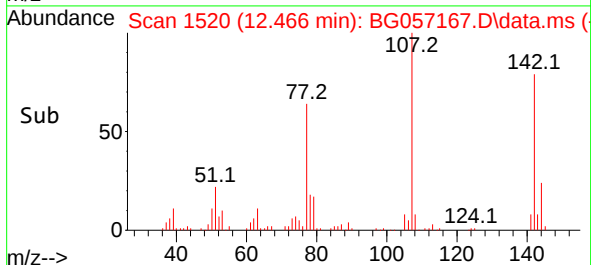
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

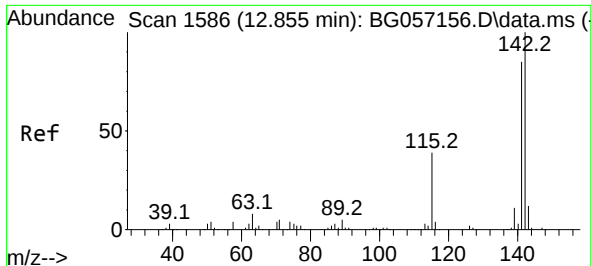


#36
4-Chloro-3-methylphenol
Concen: 44.532 ng
RT: 12.466 min Scan# 1520
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:107 Resp: 68050
Ion Ratio Lower Upper
107 100
144 24.2 21.0 31.6
142 78.6 63.8 95.8





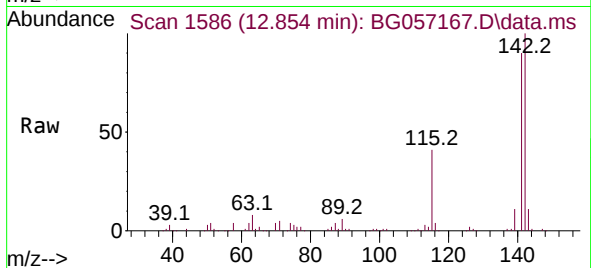
#37
2-Methylnaphthalene
Concen: 40.719 ng
RT: 12.854 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

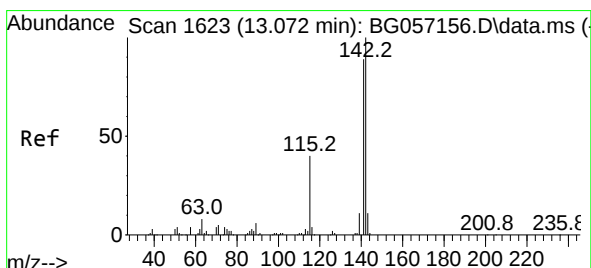
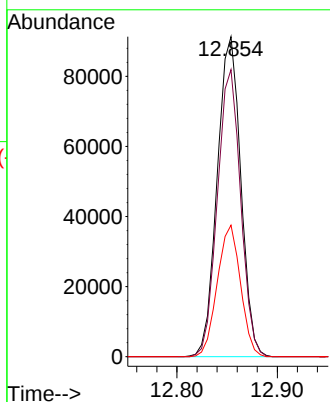
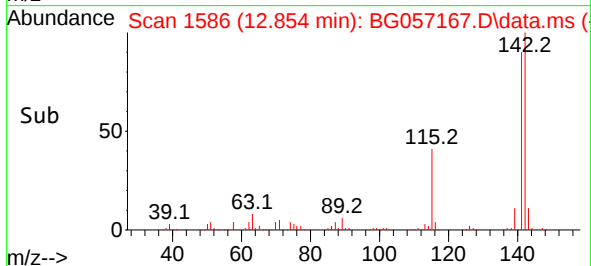


Tgt Ion:142 Resp: 148819
Ion Ratio Lower Upper
142 100
141 89.7 68.1 102.1
115 41.1 31.0 46.4

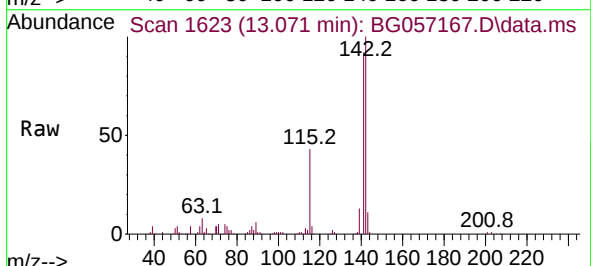
Manual Integrations

APPROVED

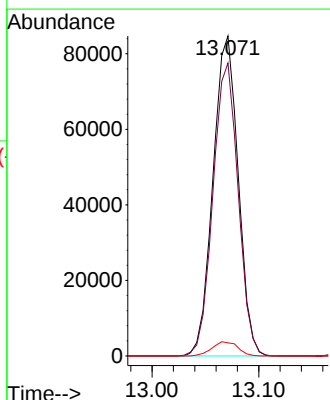
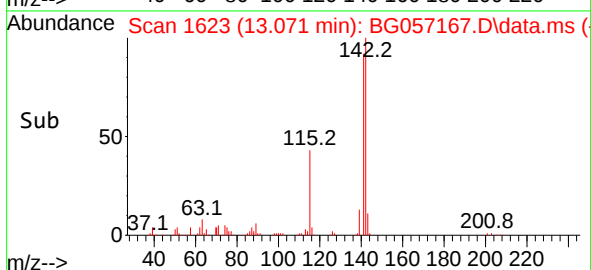
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

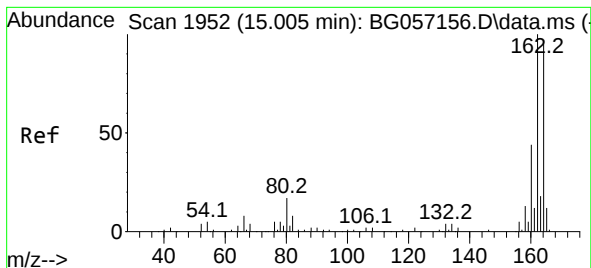


#38
1-Methylnaphthalene
Concen: 41.123 ng
RT: 13.071 min Scan# 1623
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:142 Resp: 138760
Ion Ratio Lower Upper
142 100
141 91.6 71.6 107.4
116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.998 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BG057167.D

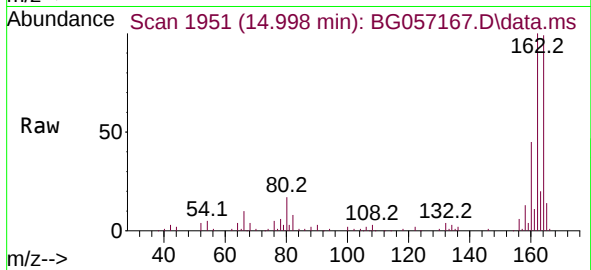
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:164 Resp: 64790

Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

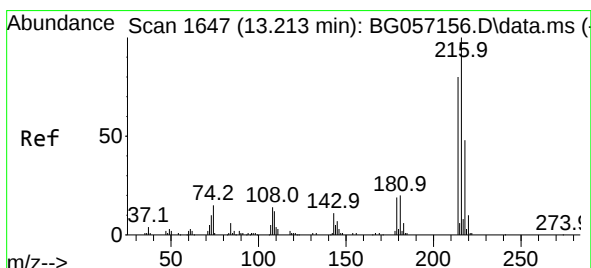
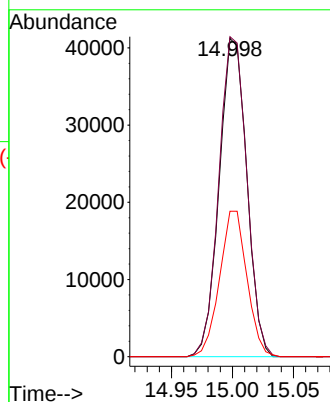
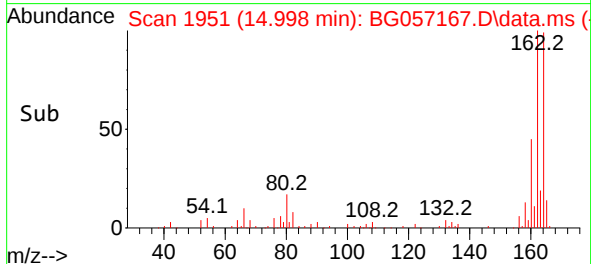
160 45.7 36.2 54.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.360 ng

RT: 13.212 min Scan# 1647

Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Tgt Ion:216 Resp: 93311

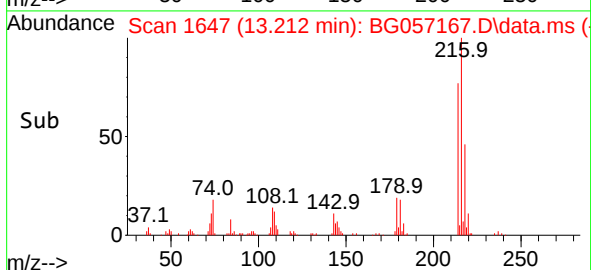
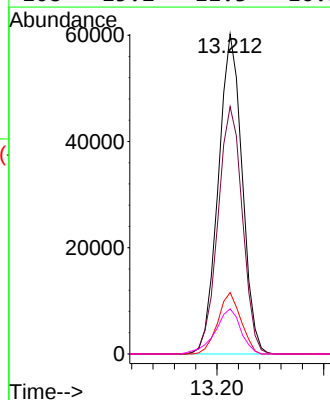
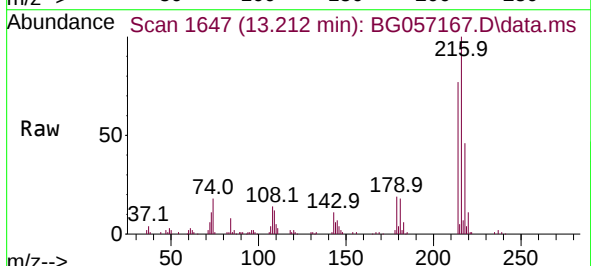
Ion Ratio Lower Upper

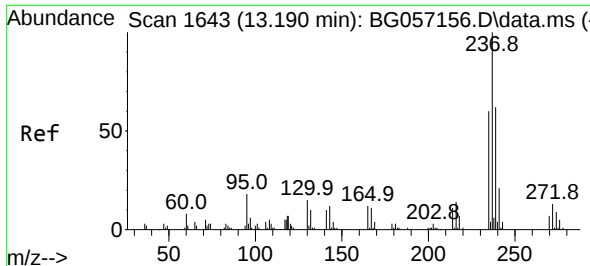
216 100

214 79.2 62.3 93.5

179 18.5 14.8 22.2

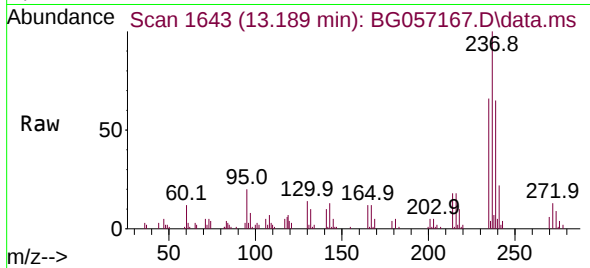
108 15.2 11.3 16.9





#41
Hexachlorocyclopentadiene
Concen: 41.035 ng
RT: 13.189 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

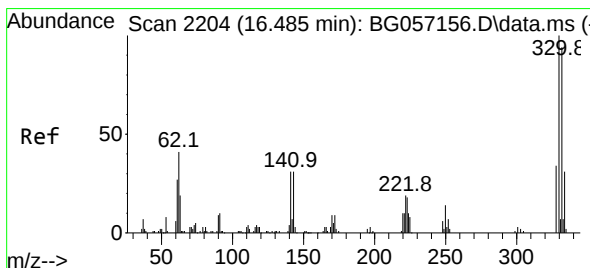
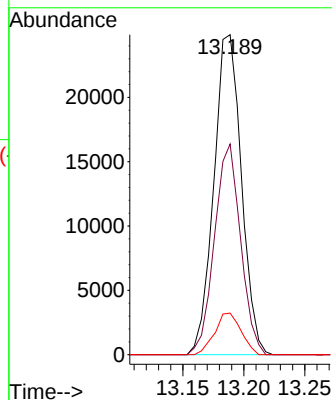
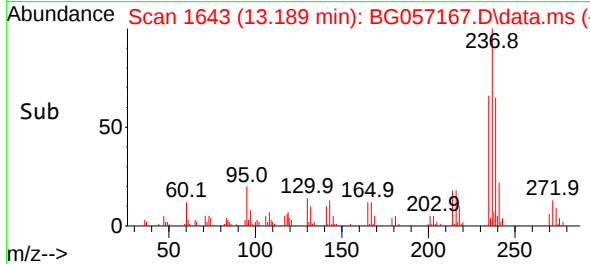
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



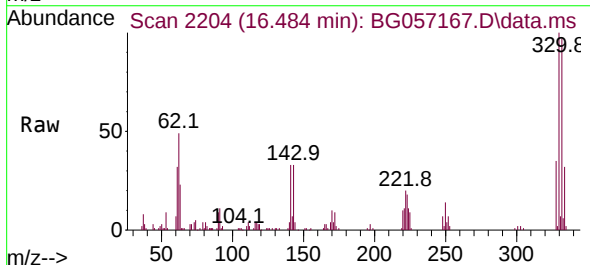
Tgt Ion:237 Resp: 39132
Ion Ratio Lower Upper
237 100
235 65.9 39.7 79.7
272 13.0 0.0 32.6

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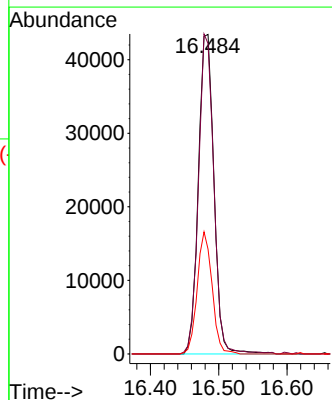
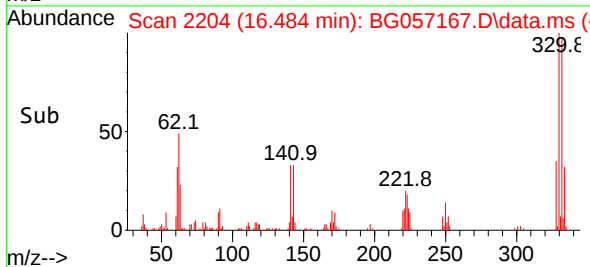
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

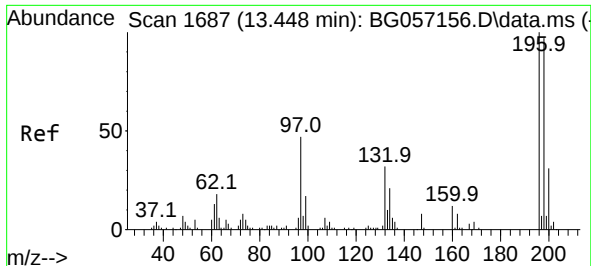


#42
2,4,6-Tribromophenol
Concen: 80.385 ng
RT: 16.484 min Scan# 2204
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:330 Resp: 68717
Ion Ratio Lower Upper
330 100
332 98.7 77.6 116.4
141 36.6 26.0 39.0





#43
2,4,6-Trichlorophenol
Concen: 44.522 ng
RT: 13.441 min Scan# 1687
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

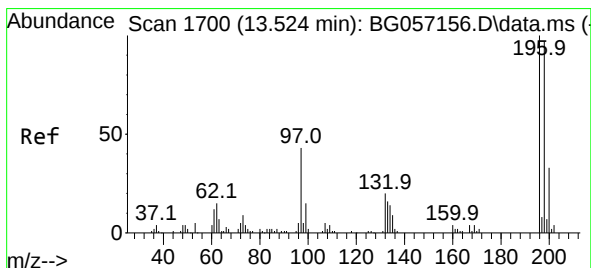
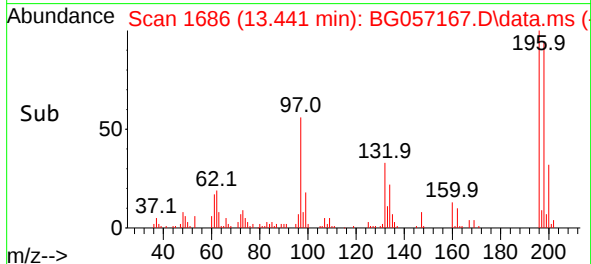
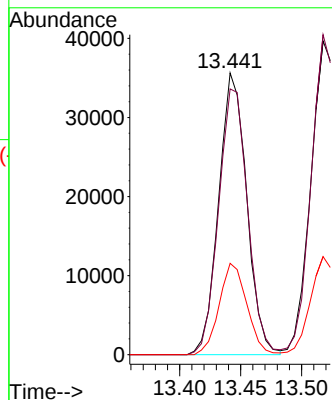
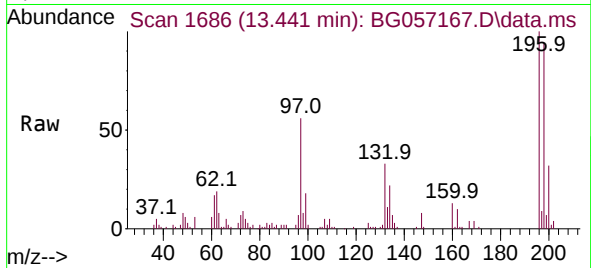
SSTDCCC040EC

Tgt Ion:196 Resp: 5714
Ion Ratio Lower Upper
196 100
198 94.3 77.5 116.3
200 32.4 24.6 37.0

Manual Integrations

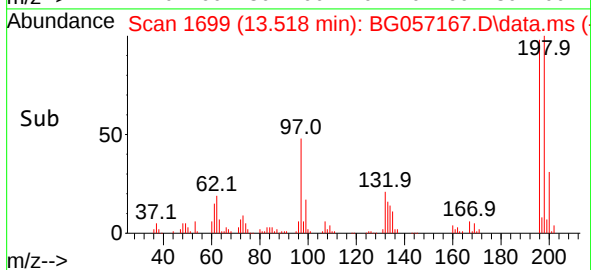
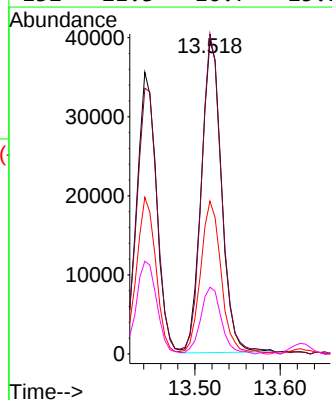
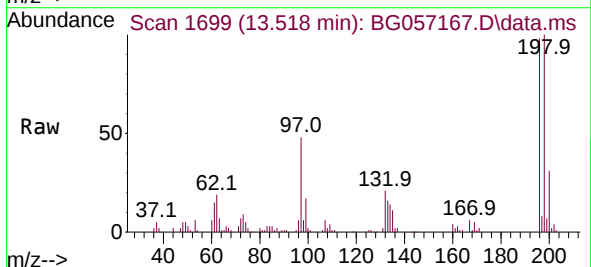
APPROVED

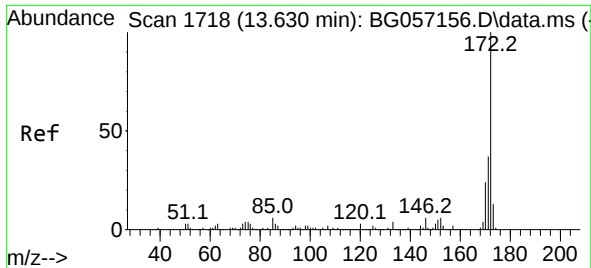
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#44
2,4,5-Trichlorophenol
Concen: 42.112 ng
RT: 13.518 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

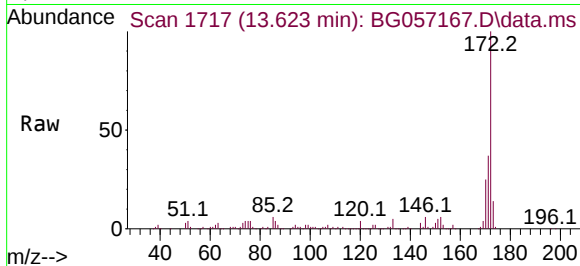
Tgt Ion:196 Resp: 65252
Ion Ratio Lower Upper
196 100
198 102.0 78.4 117.6
97 48.7 34.6 51.8
132 21.3 16.7 25.1





#45
2-Fluorobiphenyl
Concen: 80.350 ng
RT: 13.623 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

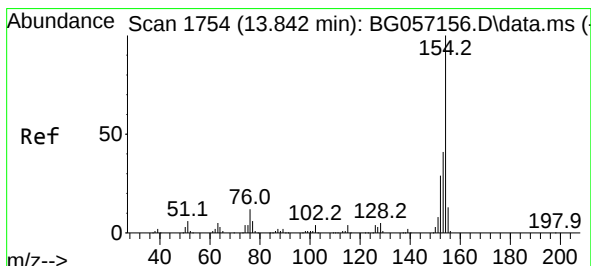
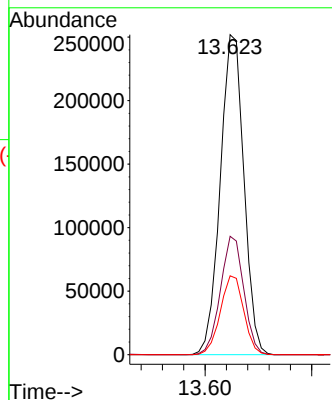
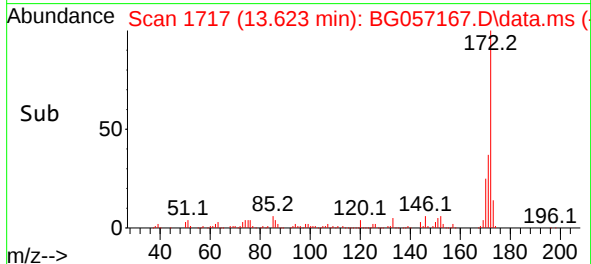
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



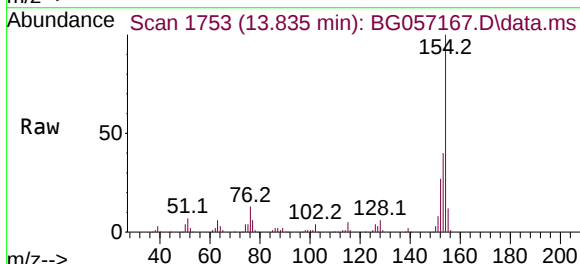
Tgt Ion:172 Resp: 387364
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 24.6 19.4 29.2

Manual Integrations
APPROVED

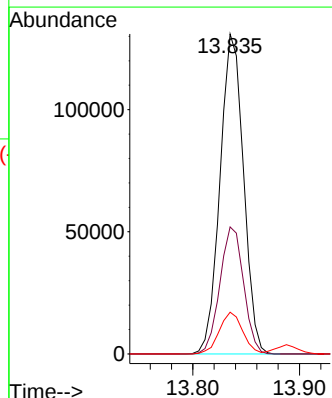
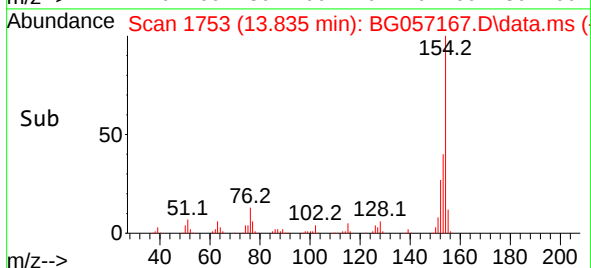
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

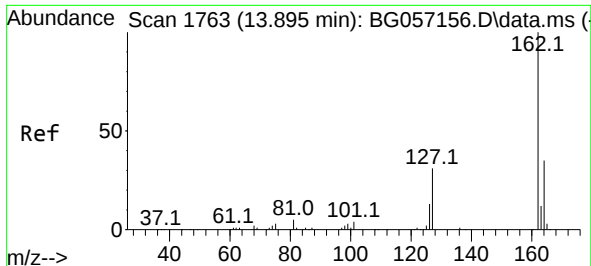


#46
1,1'-Biphenyl
Concen: 41.442 ng
RT: 13.835 min Scan# 1753
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:154 Resp: 200139
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 13.0 0.0 32.3





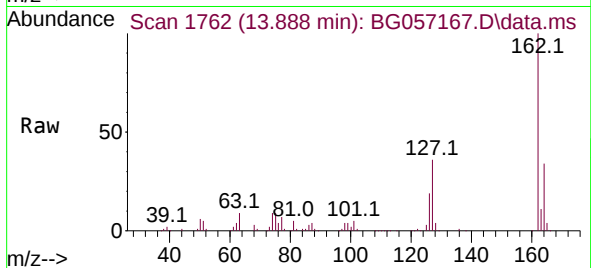
#47
2-Chloronaphthalene
Concen: 40.684 ng
RT: 13.888 min Scan# 1762
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

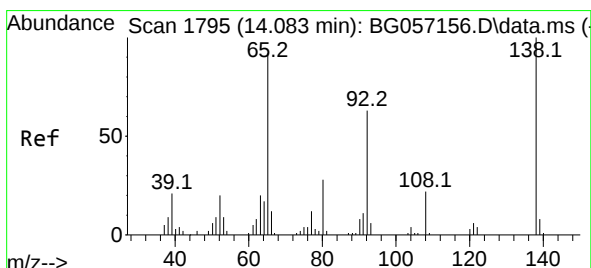
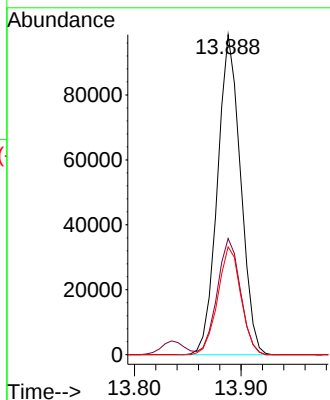
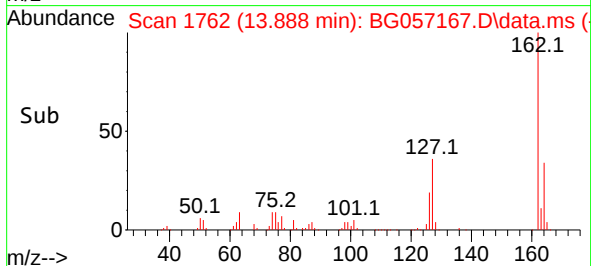


Tgt Ion:162 Resp: 148290
Ion Ratio Lower Upper
162 100
127 36.3 28.7 43.1
164 33.7 27.8 41.6

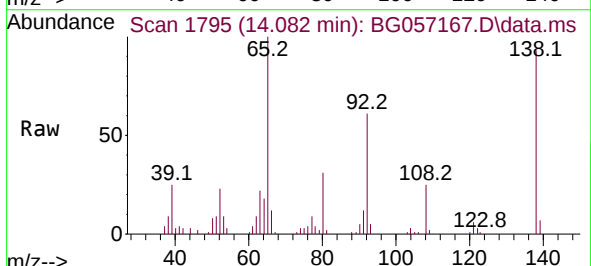
Manual Integrations

APPROVED

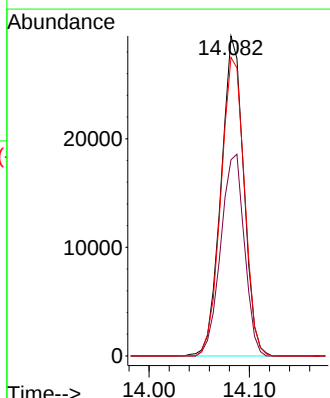
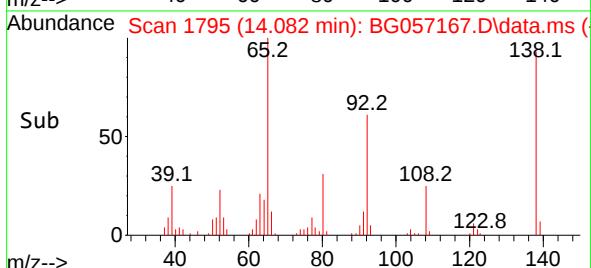
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

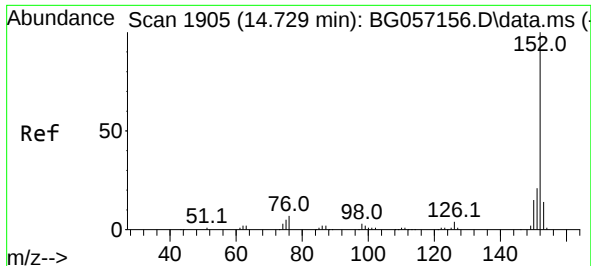


#48
2-Nitroaniline
Concen: 50.274 ng
RT: 14.082 min Scan# 1795
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion: 65 Resp: 46011
Ion Ratio Lower Upper
65 100
92 61.3 54.9 82.3
138 93.3 86.6 129.8





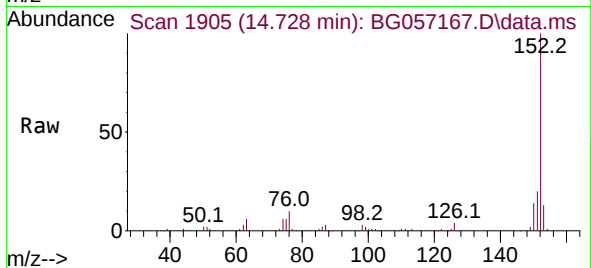
#49
Acenaphthylene
Concen: 41.838 ng
RT: 14.728 min Scan# 1905
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

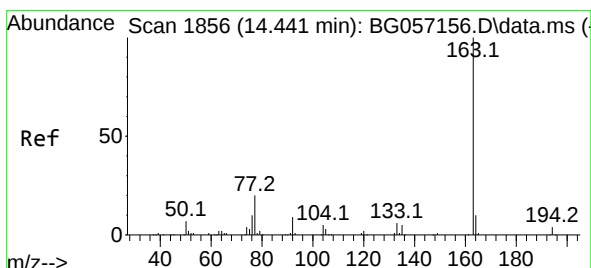
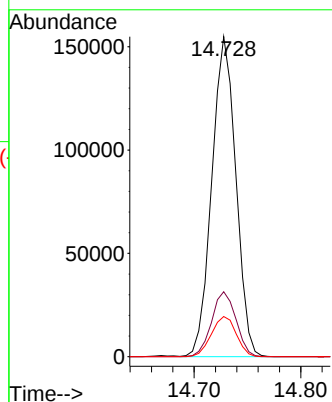
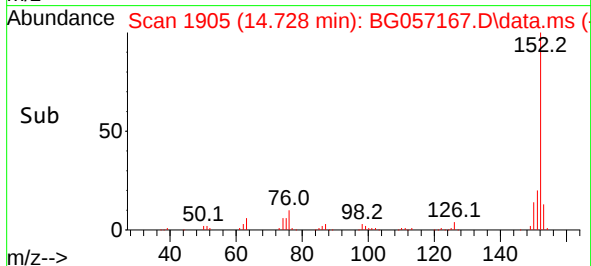


Tgt Ion:152 Resp: 242079
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 12.6 11.0 16.6

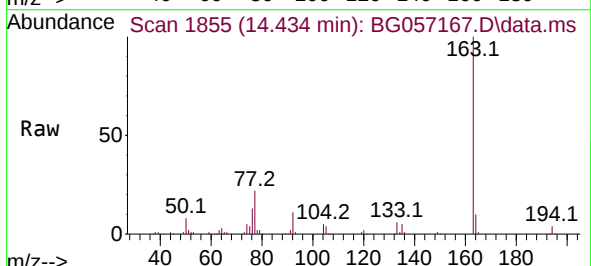
Manual Integrations

APPROVED

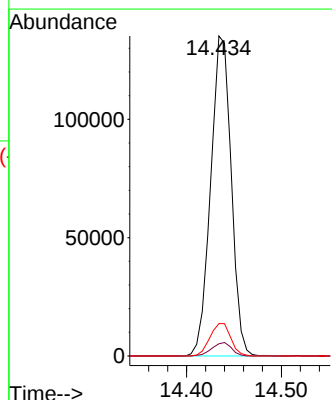
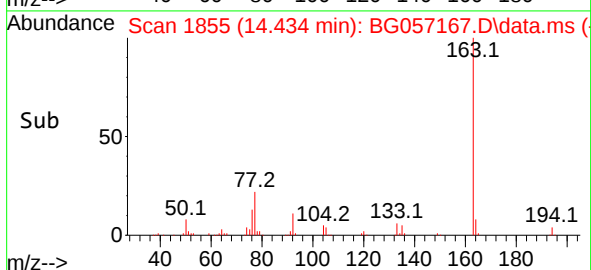
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

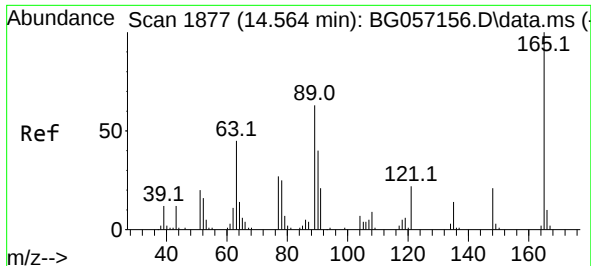


#50
Dimethylphthalate
Concen: 44.740 ng
RT: 14.434 min Scan# 1855
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:163 Resp: 203436
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.637 ng
RT: 14.563 min Scan# 1877
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

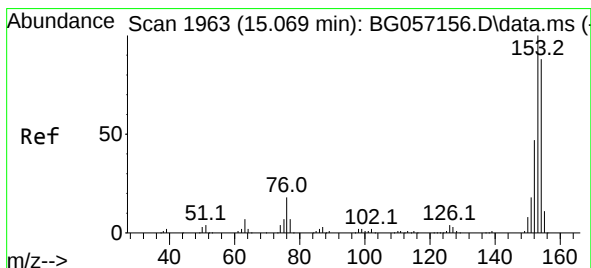
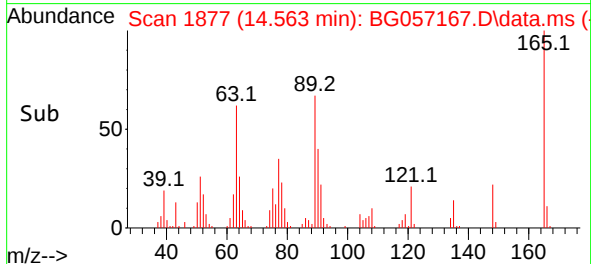
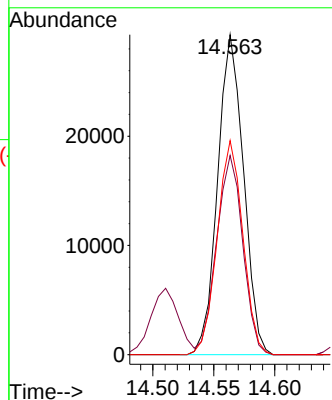
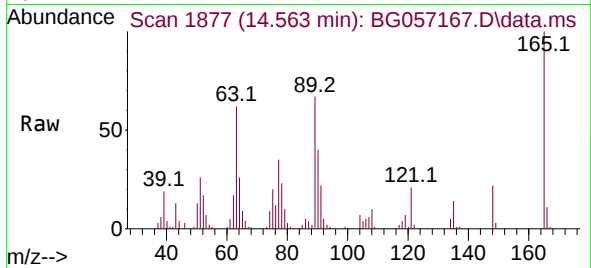
SSTDCCC040EC

Tgt Ion:165 Resp: 43310
Ion Ratio Lower Upper
165 100
63 62.3 45.5 68.3
89 66.9 50.1 75.1

Manual Integrations

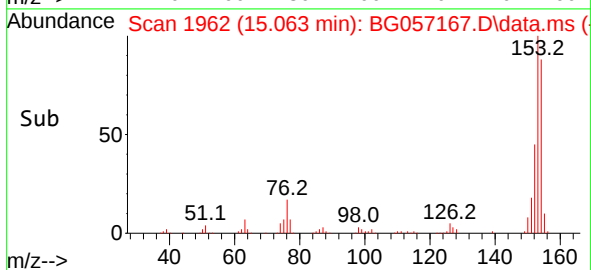
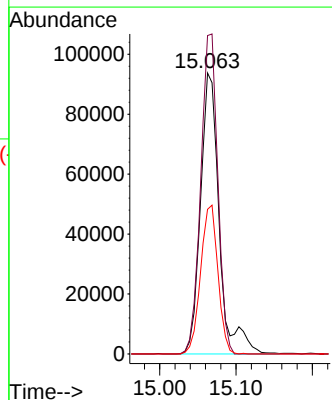
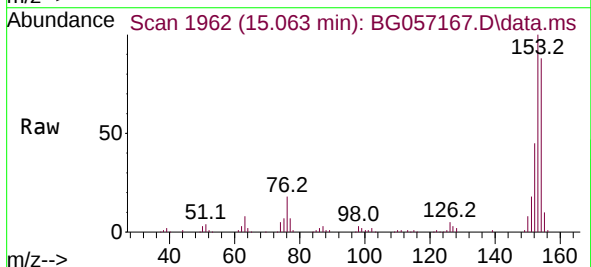
APPROVED

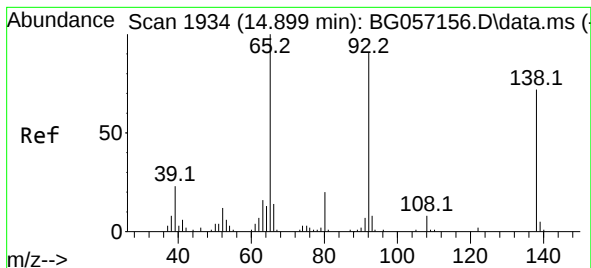
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#52
Acenaphthene
Concen: 42.365 ng m
RT: 15.063 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:154 Resp: 160156
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 51.5 43.0 64.6





#53
3-Nitroaniline
Concen: 44.356 ng
RT: 14.898 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

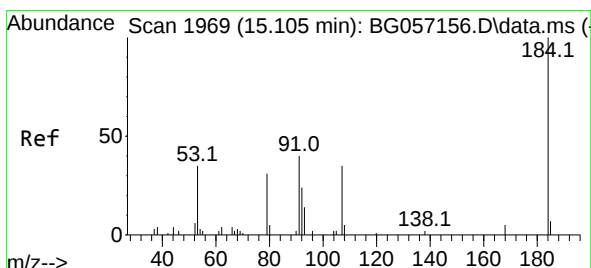
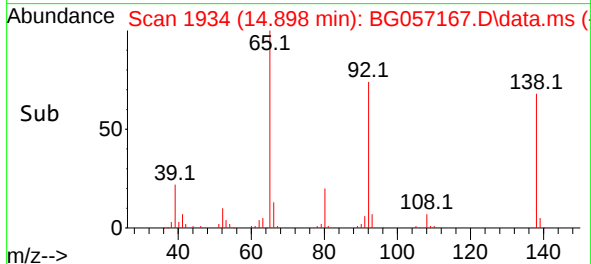
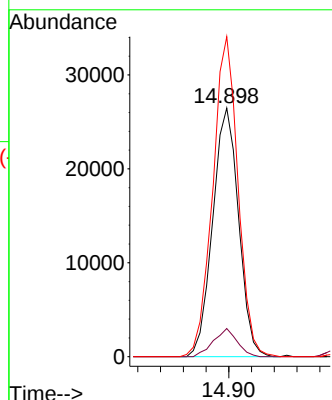
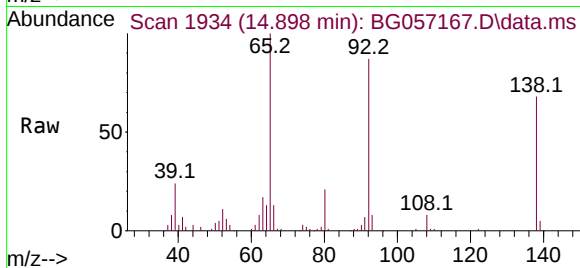
ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 41800
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 128.7 101.4 152.2

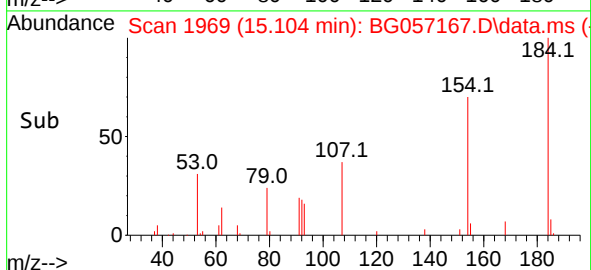
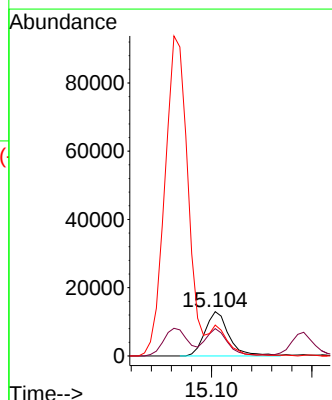
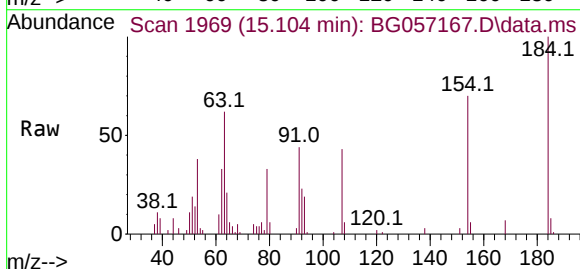
Manual Integrations
APPROVED

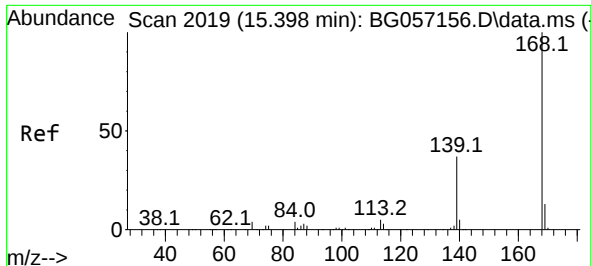
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#54
2,4-Dinitrophenol
Concen: 43.101 ng
RT: 15.104 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:184 Resp: 21444
Ion Ratio Lower Upper
184 100
63 61.8 43.4 65.0
154 69.8 45.2 67.8#





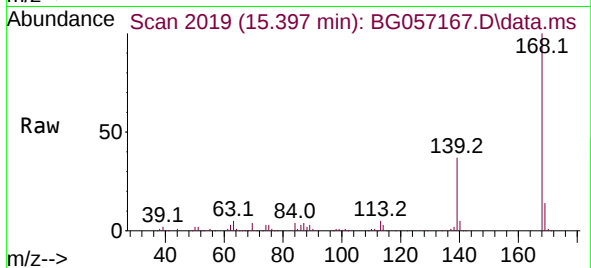
#55
Dibenzenofuran
Concen: 40.662 ng
RT: 15.397 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

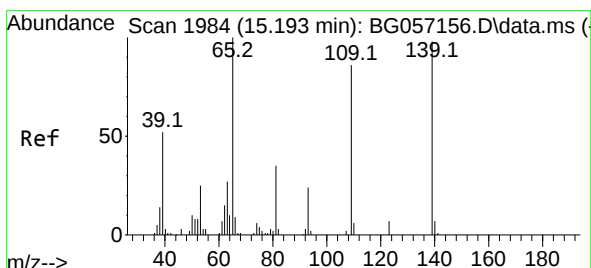
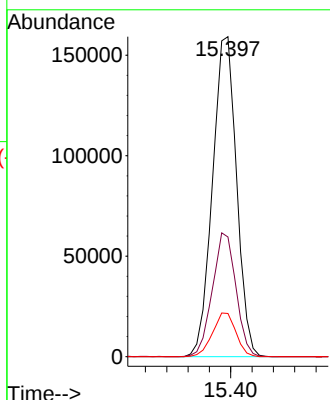
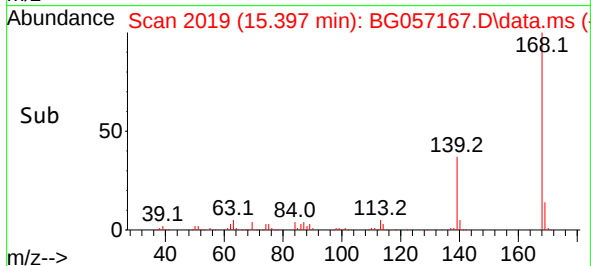


Tgt Ion:168 Resp: 24907
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8
169 13.5 10.6 15.8

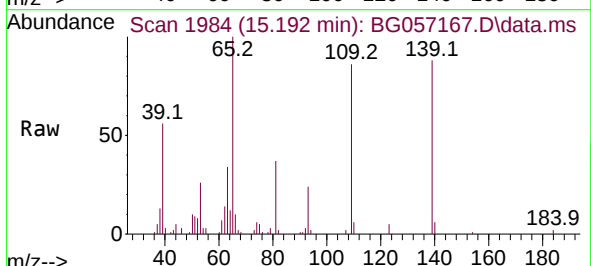
Manual Integrations

APPROVED

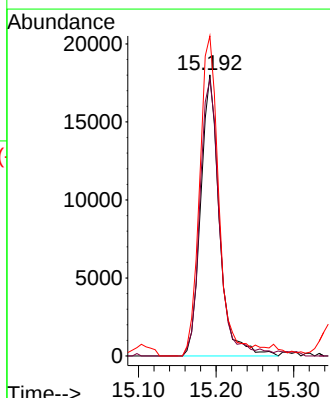
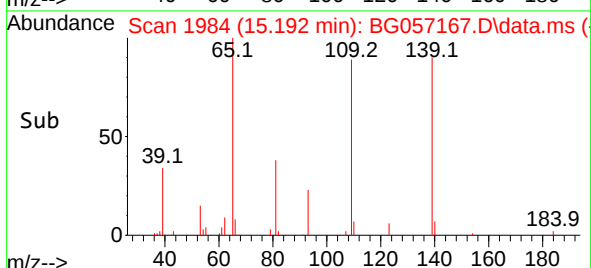
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

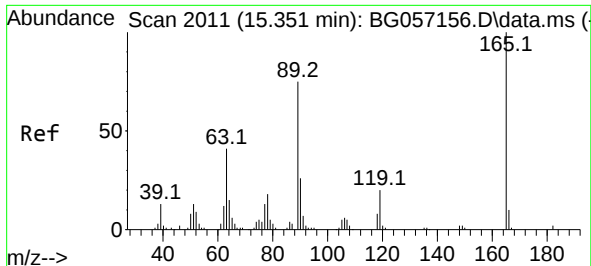


#56
4-Nitrophenol
Concen: 45.443 ng
RT: 15.192 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:139 Resp: 30147
Ion Ratio Lower Upper
139 100
109 98.3 67.3 107.3
65 113.8 82.0 122.0





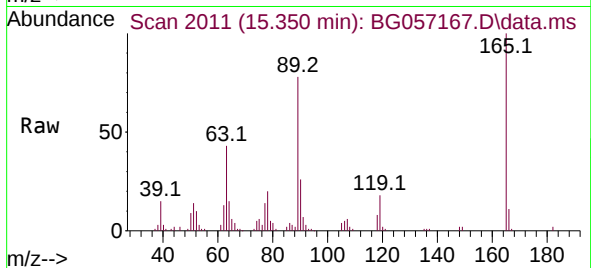
#57
2,4-Dinitrotoluene
Concen: 46.858 ng
RT: 15.350 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

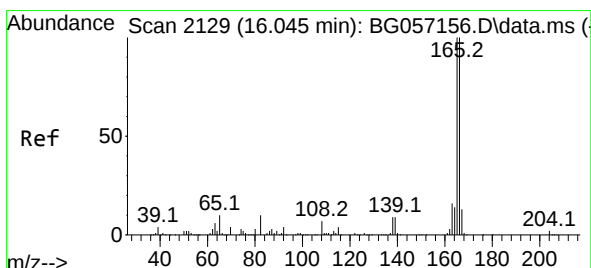
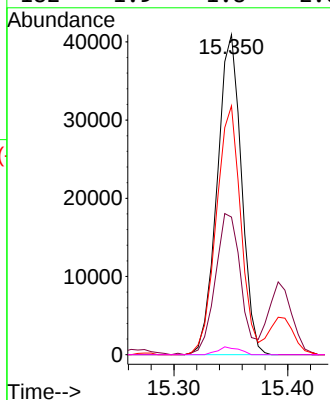
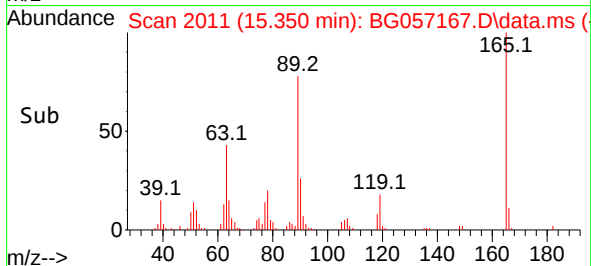


Tgt Ion:165 Resp: 6056
Ion Ratio Lower Upper
165 100
63 43.0 33.0 49.4
89 77.8 60.0 90.0
182 1.9 1.8 2.6

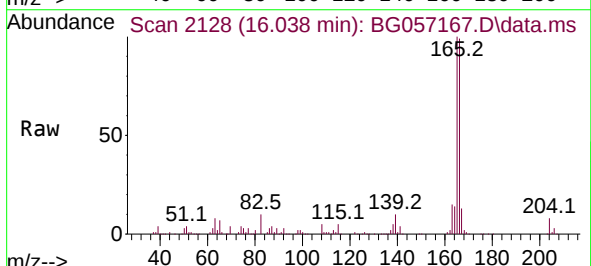
Manual Integrations

APPROVED

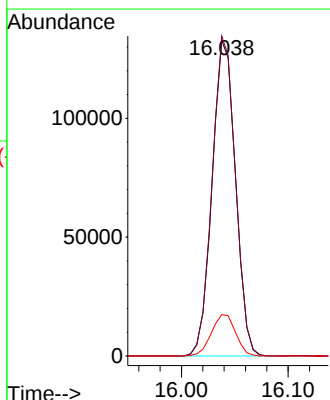
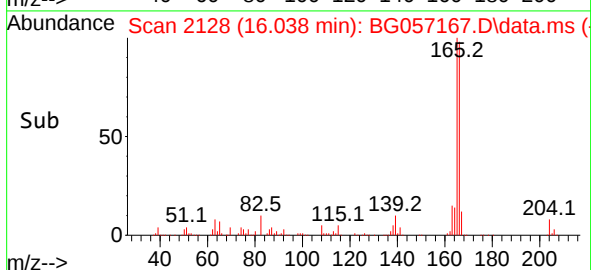
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

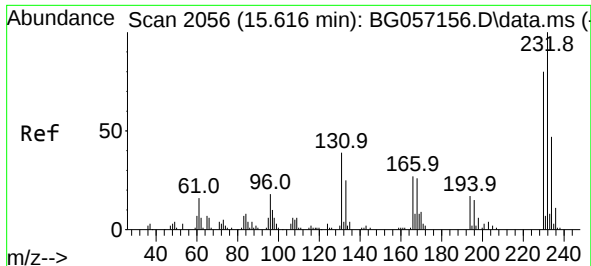


#58
Fluorene
Concen: 40.845 ng
RT: 16.038 min Scan# 2128
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:166 Resp: 201432
Ion Ratio Lower Upper
166 100
165 101.3 79.8 119.6
167 13.1 10.7 16.1





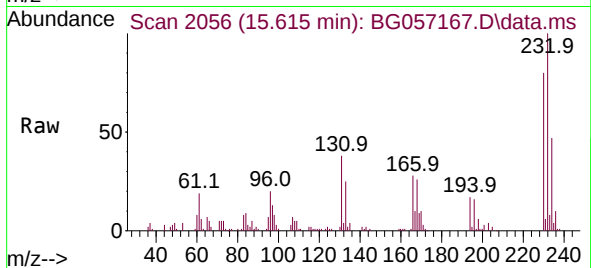
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.739 ng
RT: 15.615 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

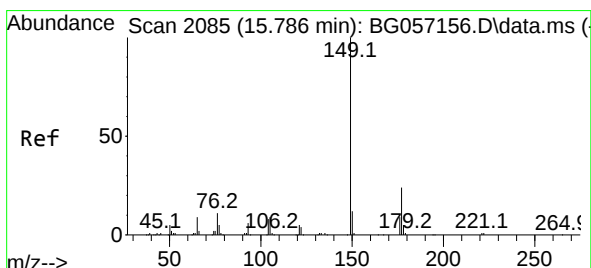
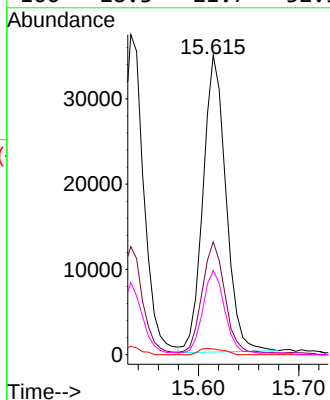
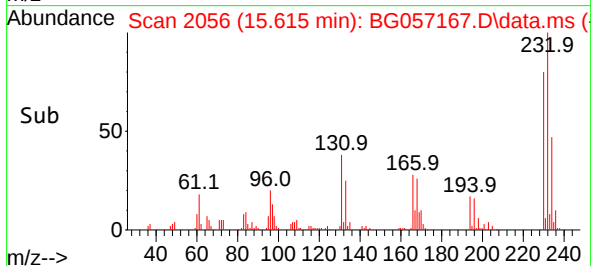


Tgt Ion:232 Resp: 55398
Ion Ratio Lower Upper
232 100
131 37.4 30.8 46.2
130 2.3 1.6 2.4
166 28.3 21.7 32.5

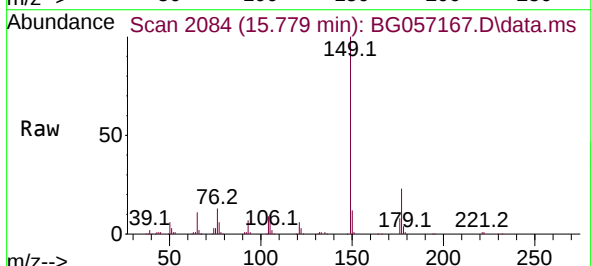
Manual Integrations

APPROVED

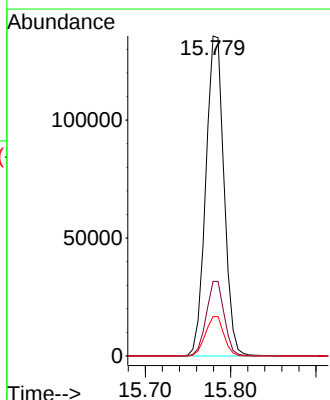
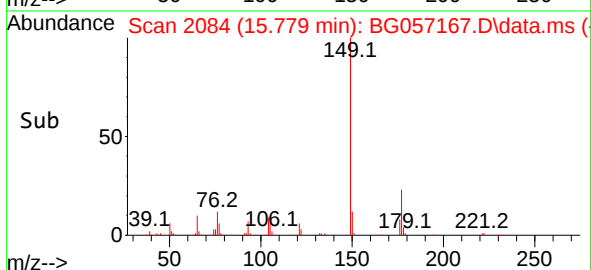
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

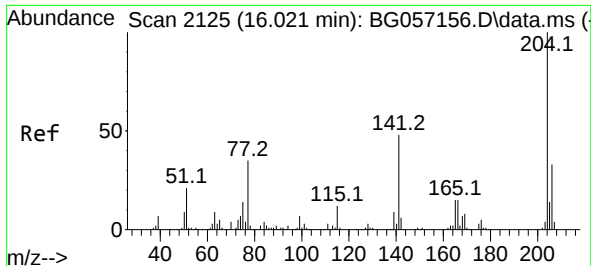


#60
Diethylphthalate
Concen: 45.780 ng
RT: 15.779 min Scan# 2084
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:149 Resp: 200659
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 12.3 9.8 14.8





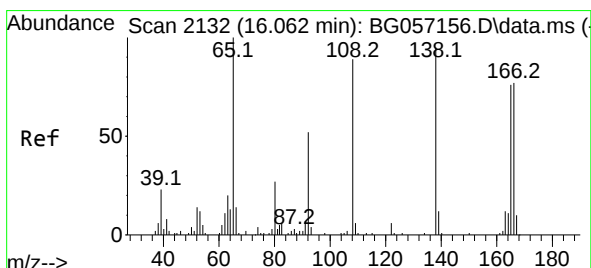
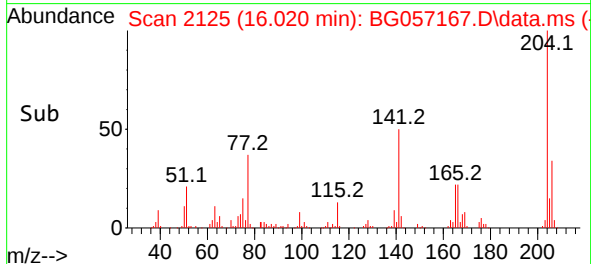
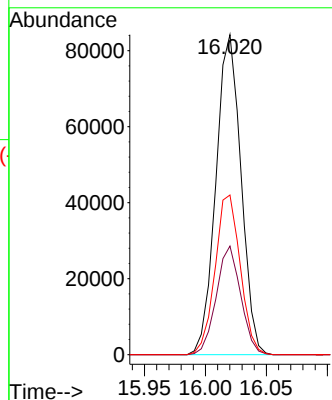
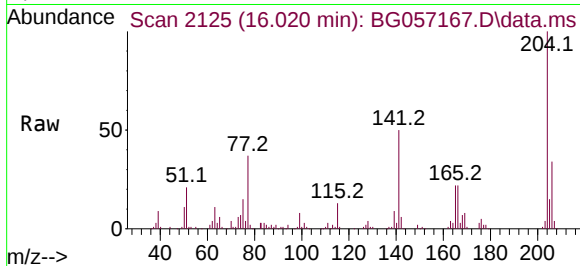
#61
4-Chlorophenyl-phenylether
Concen: 40.764 ng
RT: 16.020 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 120658
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 49.9 38.6 57.8

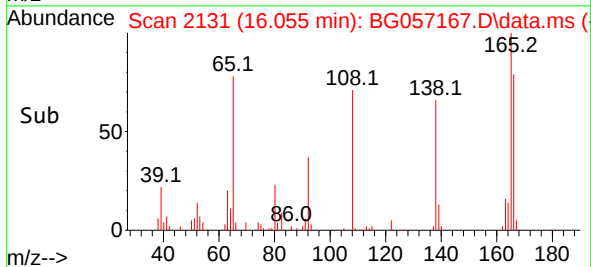
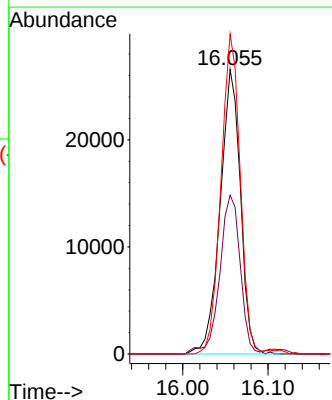
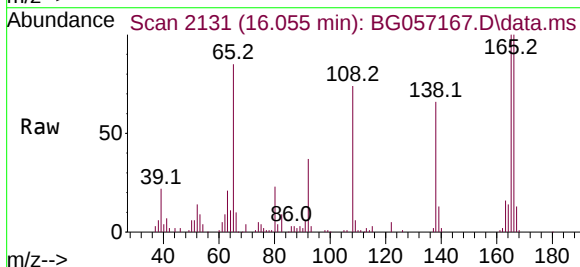
Manual Integrations
APPROVED

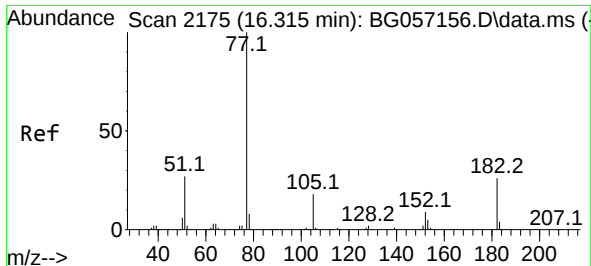
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 46.128 ng
RT: 16.055 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:138 Resp: 43778
Ion Ratio Lower Upper
138 100
92 55.8 34.9 74.9
108 112.5 73.0 113.0





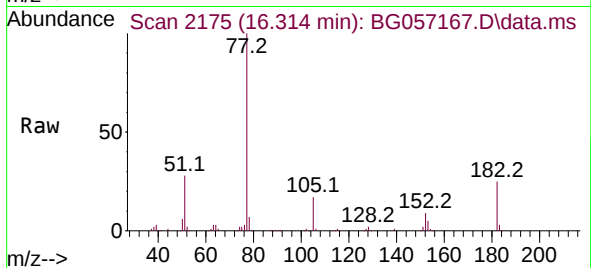
#63
Azobenzene
Concen: 46.130 ng
RT: 16.314 min Scan# 2175
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

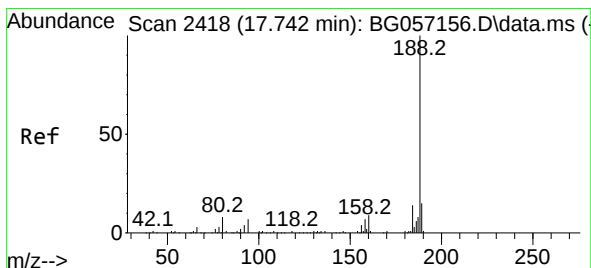
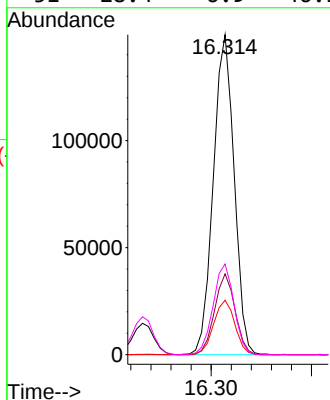
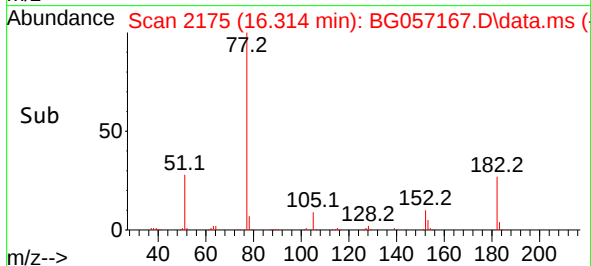


Tgt Ion: 77 Resp: 215090
Ion Ratio Lower Upper
77 100
182 25.3 6.1 46.1
105 17.0 0.0 38.4
51 28.4 6.9 46.9

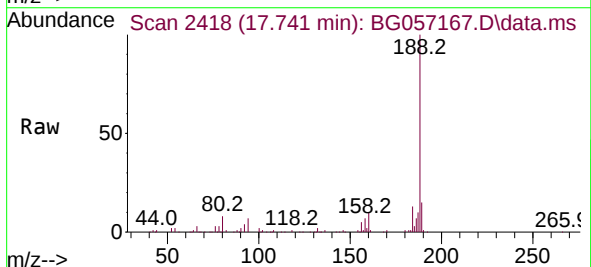
Manual Integrations

APPROVED

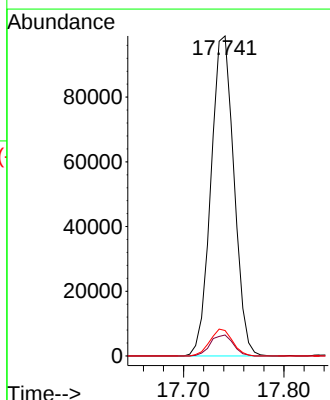
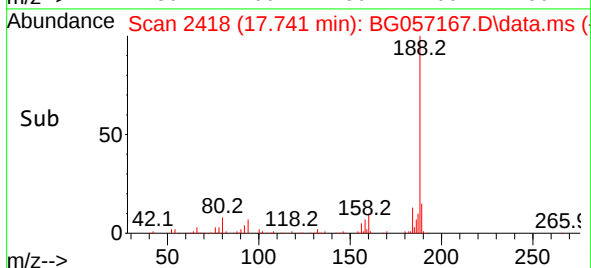
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

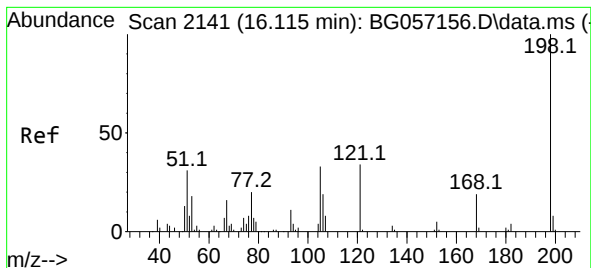


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.741 min Scan# 2418
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:188 Resp: 157680
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.9 6.2 9.2





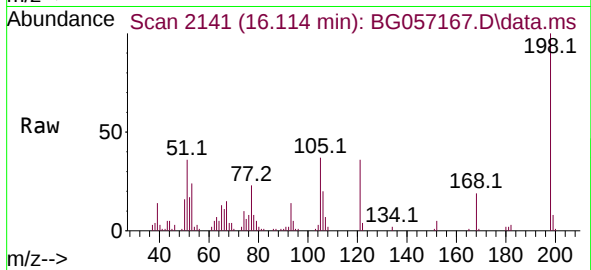
#65
4,6-Dinitro-2-methylphenol
Concen: 44.132 ng
RT: 16.114 min Scan# 2141
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

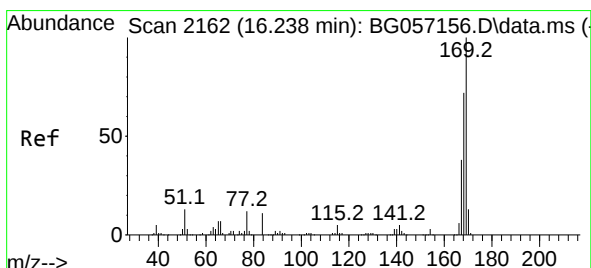
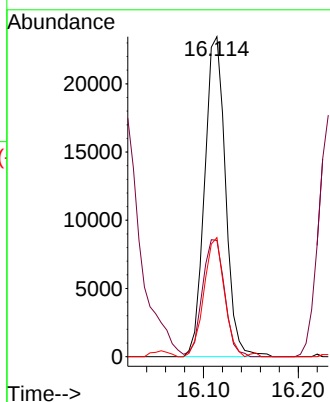
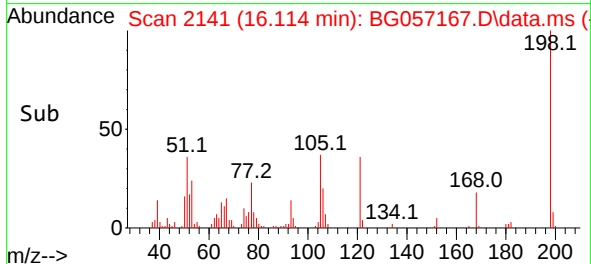


Tgt Ion:198 Resp: 35759
Ion Ratio Lower Upper
198 100
51 36.3 13.1 53.1
105 37.2 14.1 54.1

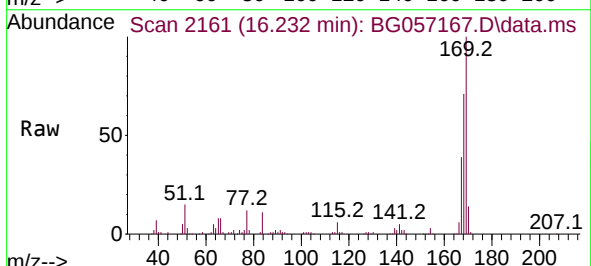
Manual Integrations

APPROVED

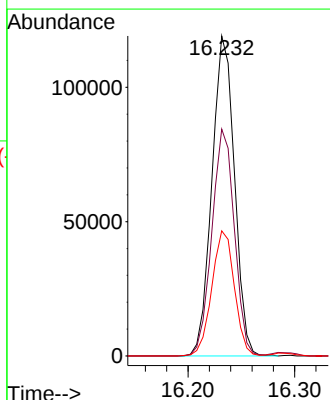
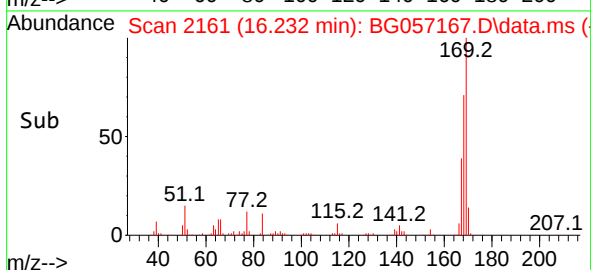
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

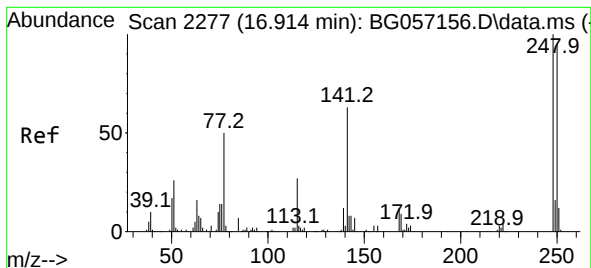


#66
n-Nitrosodiphenylamine
Concen: 42.418 ng
RT: 16.232 min Scan# 2161
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



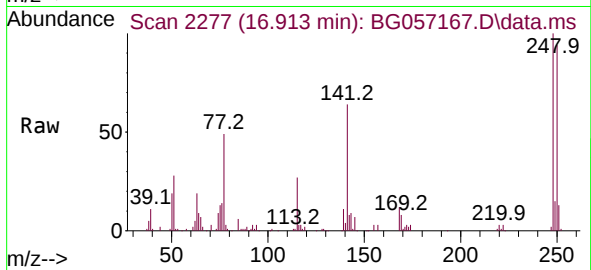
Tgt Ion:169 Resp: 174521
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 39.1 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 40.215 ng
RT: 16.913 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

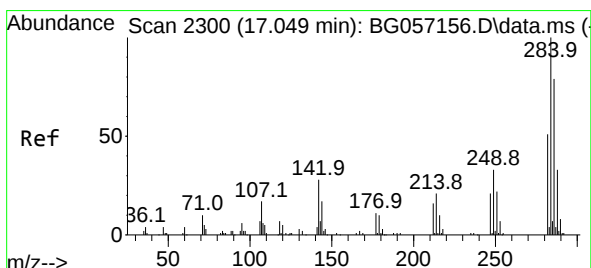
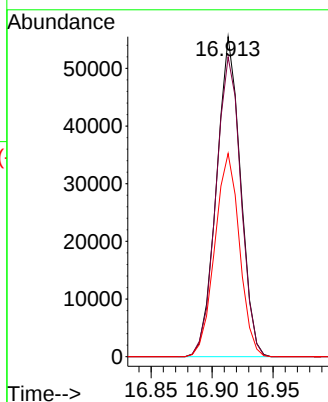
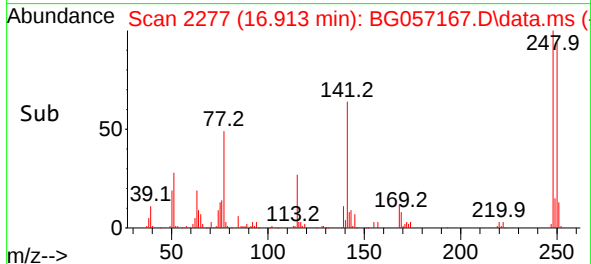
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



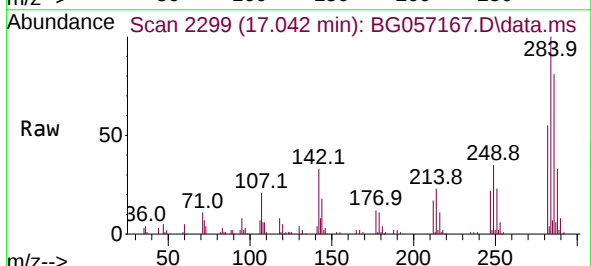
Tgt Ion:248 Resp: 7625
Ion Ratio Lower Upper
248 100
250 93.7 75.8 113.8
141 63.5 50.1 75.1

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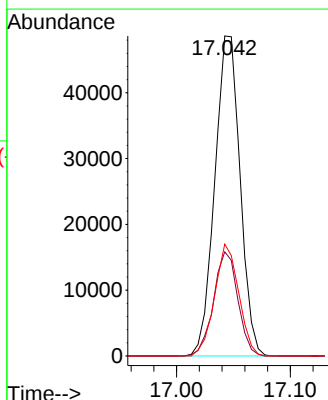
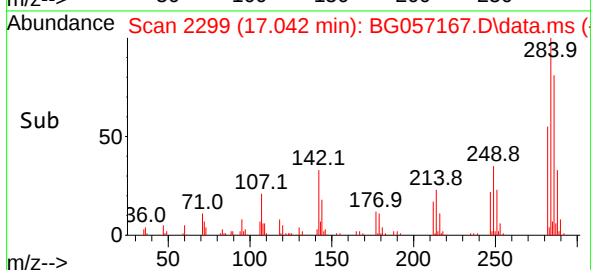
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

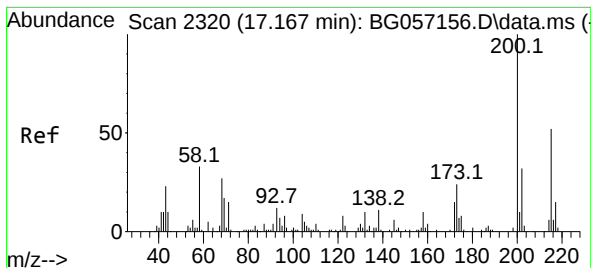


#68
Hexachlorobenzene
Concen: 38.648 ng
RT: 17.042 min Scan# 2299
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:284 Resp: 75169
Ion Ratio Lower Upper
284 100
142 32.6 22.6 33.8
249 35.0 26.6 40.0





#69

Atrazine

Concen: 47.461 ng

RT: 17.166 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 62369

Ion Ratio Lower Upper

200 100

173 23.5 4.2 44.2

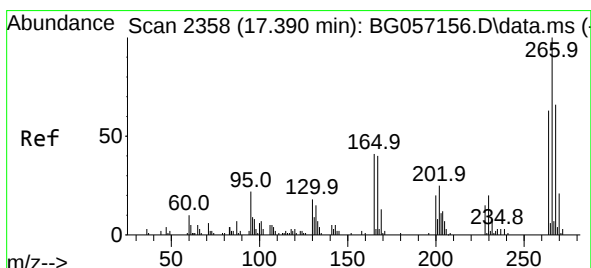
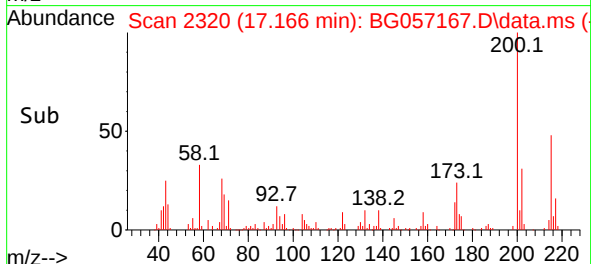
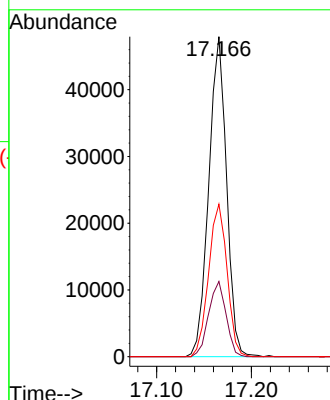
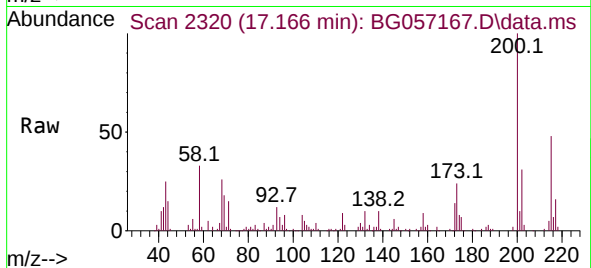
215 47.6 31.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#70

Pentachlorophenol

Concen: 46.349 ng

RT: 17.383 min Scan# 2357

Delta R.T. -0.007 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

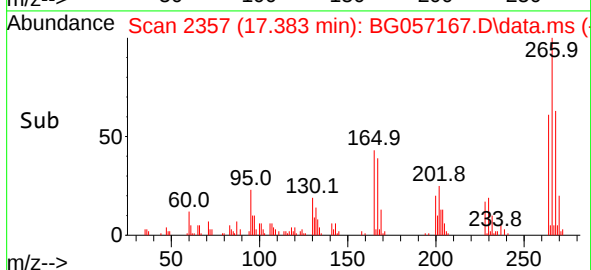
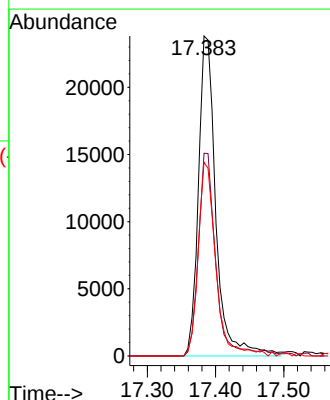
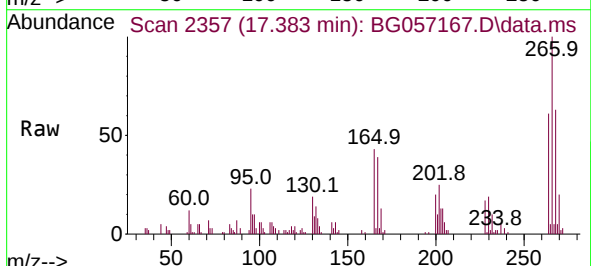
Tgt Ion:266 Resp: 42365

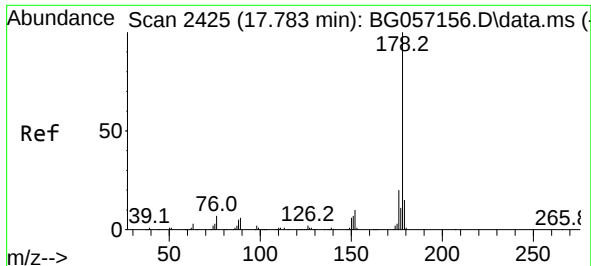
Ion Ratio Lower Upper

266 100

268 63.4 52.5 78.7

264 60.6 50.7 76.1





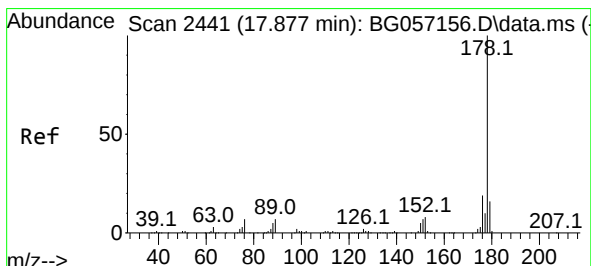
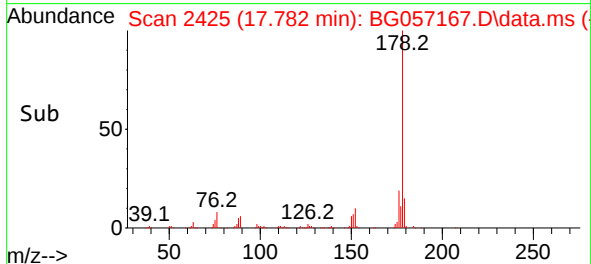
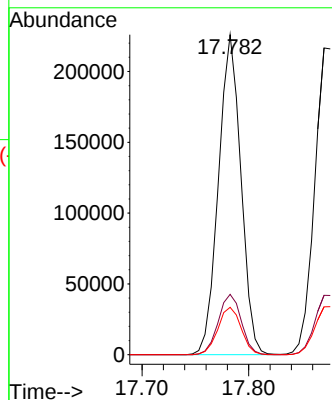
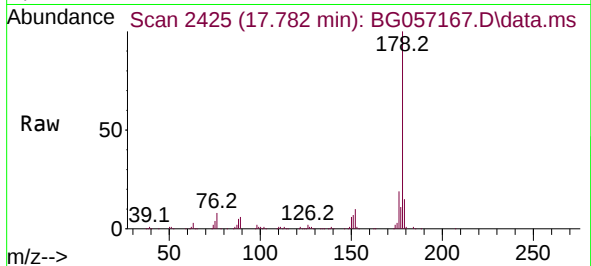
#71
Phenanthrene
Concen: 40.938 ng
RT: 17.782 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 329530
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.8 12.4 18.6

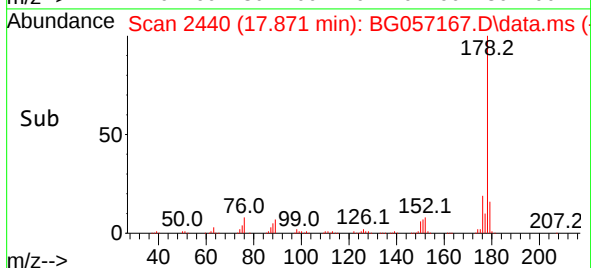
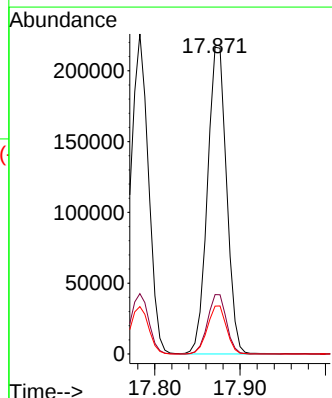
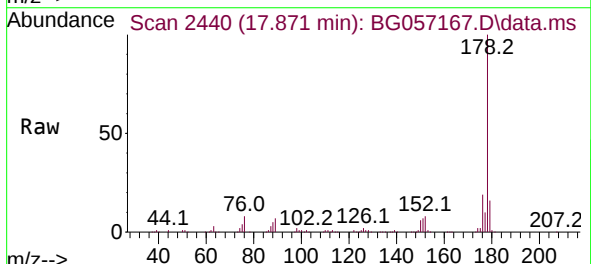
Manual Integrations
APPROVED

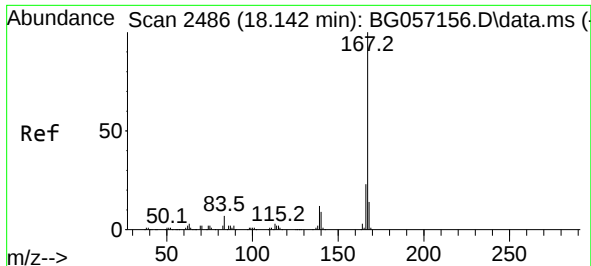
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#72
Anthracene
Concen: 41.471 ng
RT: 17.871 min Scan# 2440
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

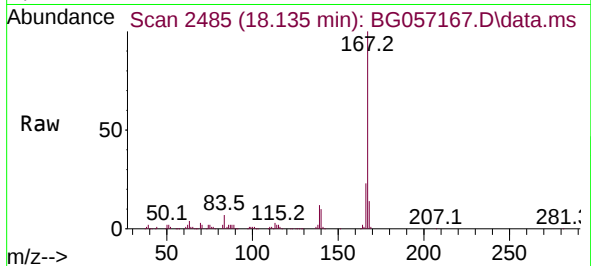
Tgt Ion:178 Resp: 337542
Ion Ratio Lower Upper
178 100
176 19.4 14.9 22.3
179 15.6 12.5 18.7





#73
Carbazole
Concen: 41.602 ng
RT: 18.135 min Scan# 2486
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

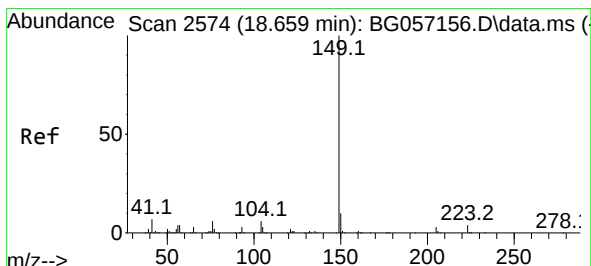
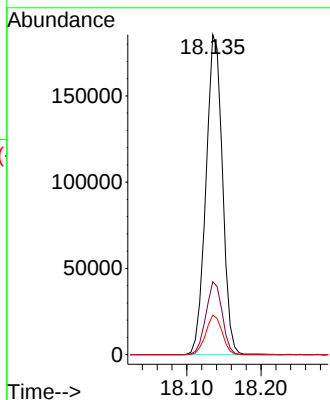
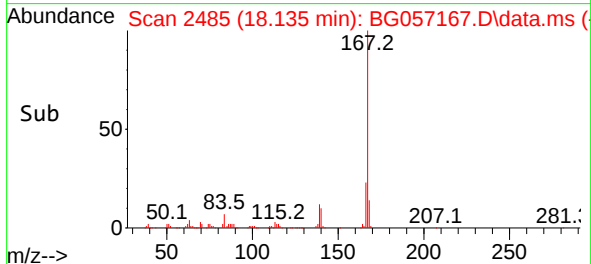
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



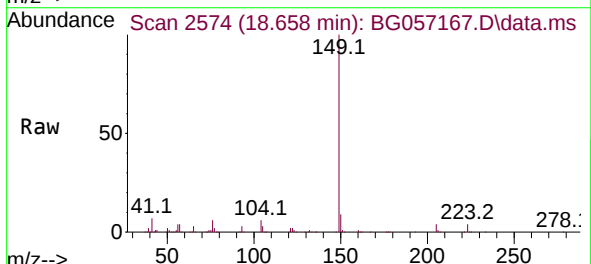
Tgt Ion:167 Resp: 28582
Ion Ratio Lower Upper
167 100
166 22.8 18.3 27.5
139 12.3 9.6 14.4

Manual Integrations
APPROVED

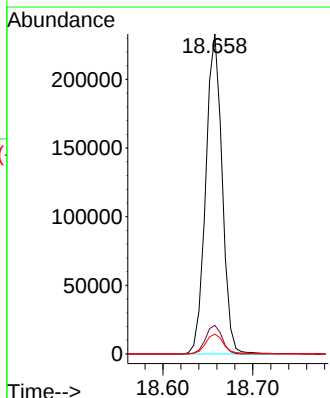
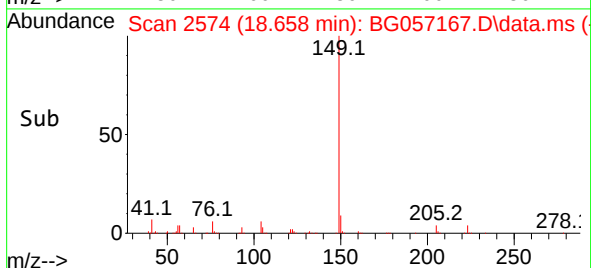
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

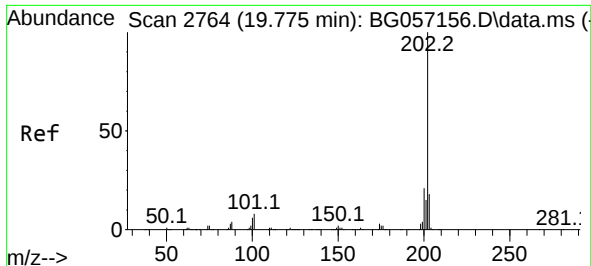


#74
Di-n-butylphthalate
Concen: 46.128 ng
RT: 18.658 min Scan# 2574
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



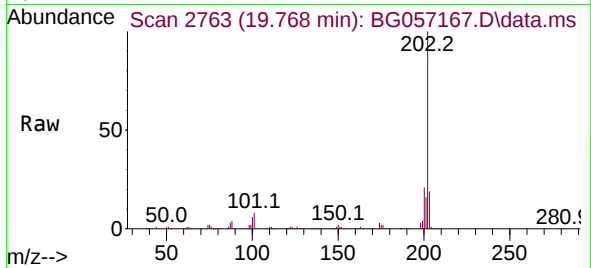
Tgt Ion:149 Resp: 294800
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 6.2 4.7 7.1





#75
Fluoranthene
Concen: 40.756 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

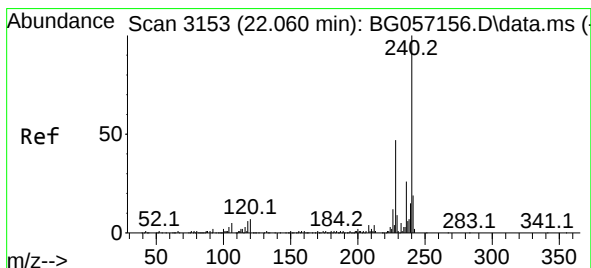
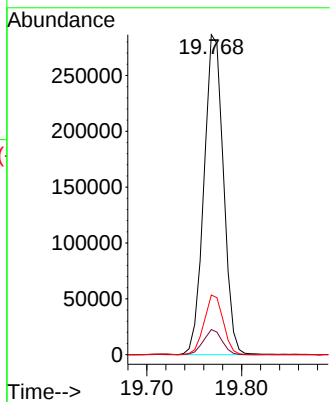
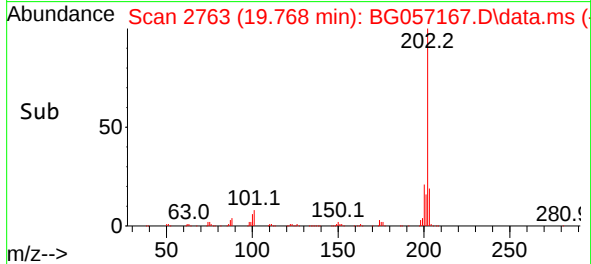
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



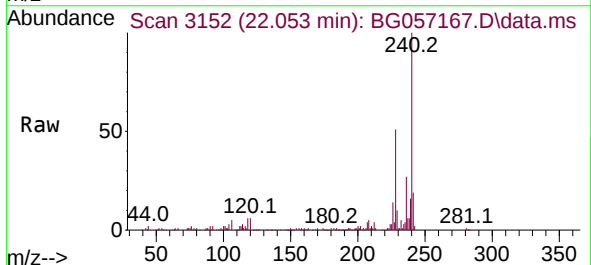
Tgt Ion:202 Resp: 40759
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.6
203 18.7 0.0 38.3

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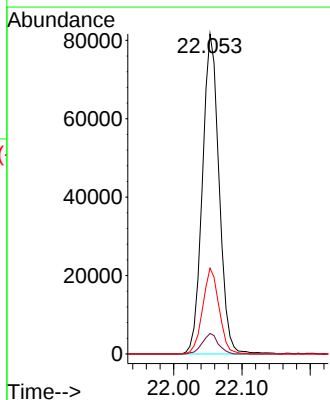
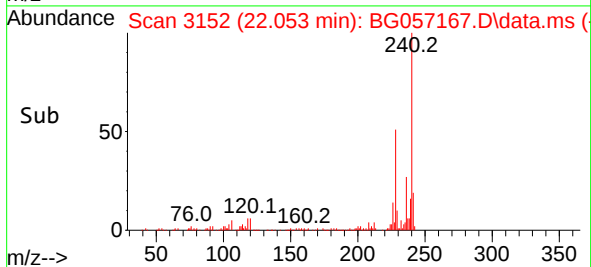
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

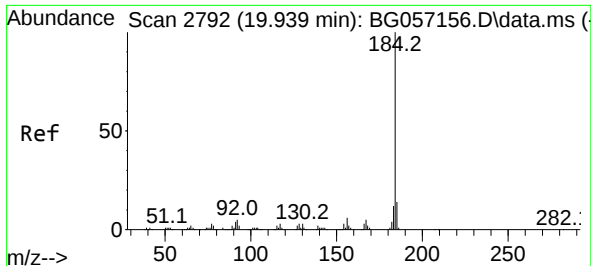


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.053 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:240 Resp: 138729
Ion Ratio Lower Upper
240 100
120 6.4 5.5 8.3
236 26.8 20.8 31.2





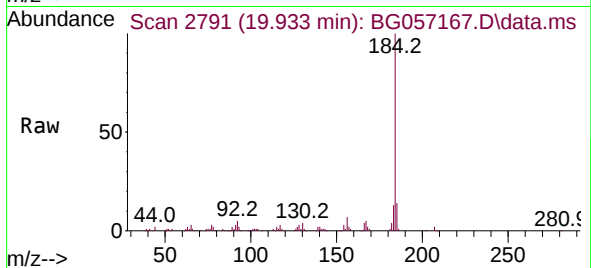
#77
Benzidine
Concen: 49.701 ng
RT: 19.933 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

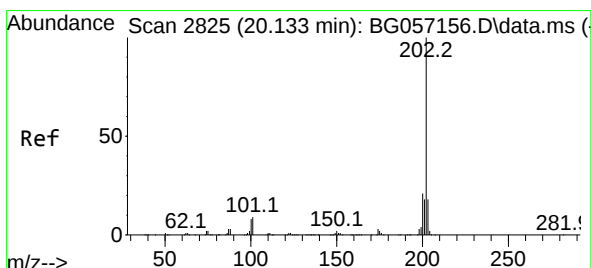
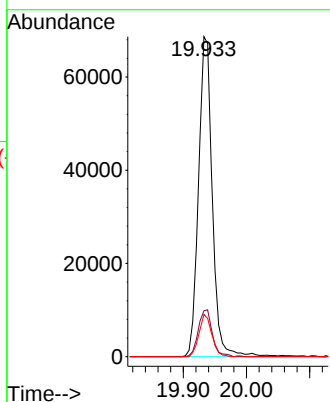
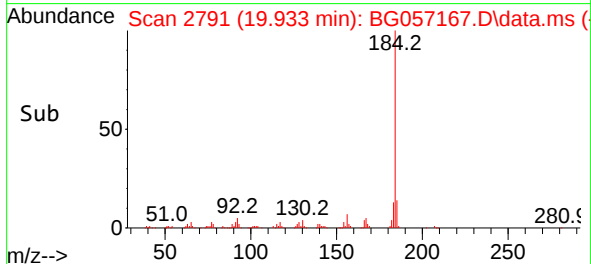


Tgt Ion:184 Resp: 103898
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 13.2 9.4 14.0

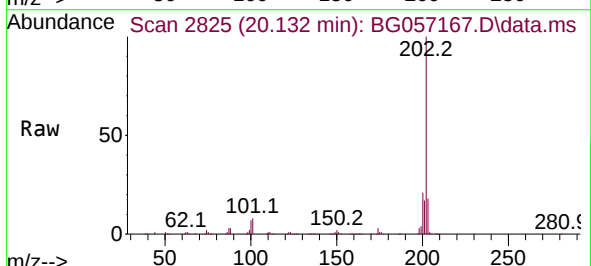
Manual Integrations

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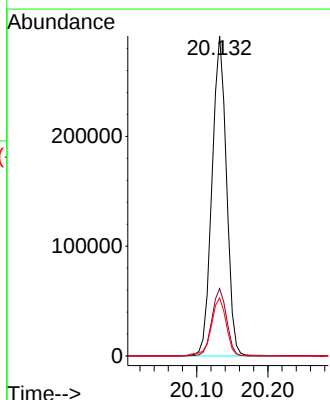
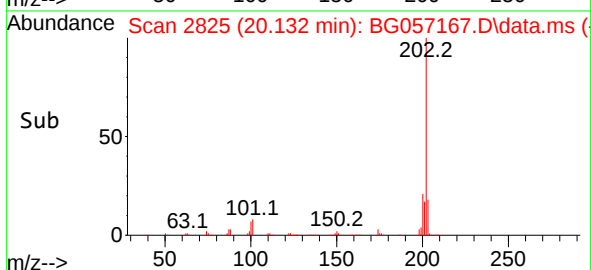
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

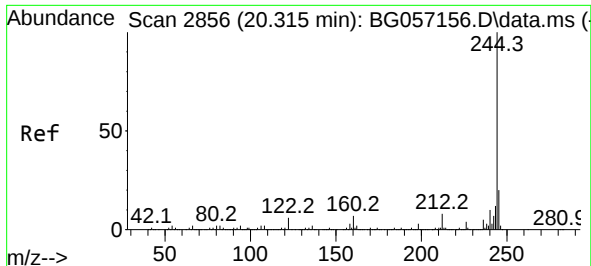


#78
Pyrene
Concen: 43.560 ng
RT: 20.132 min Scan# 2825
Delta R.T. -0.001 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



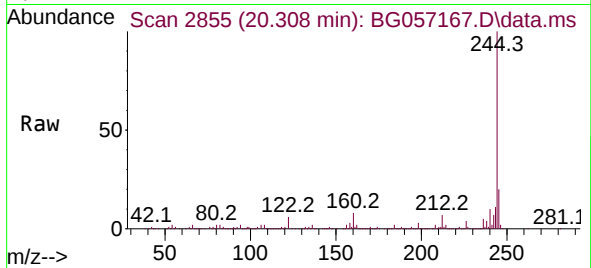
Tgt Ion:202 Resp: 410286
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.1 14.7 22.1





#79
Terphenyl-d14
Concen: 84.552 ng
RT: 20.308 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

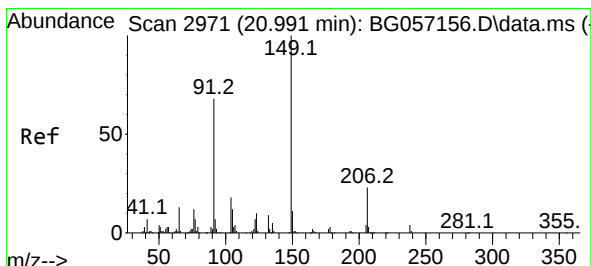
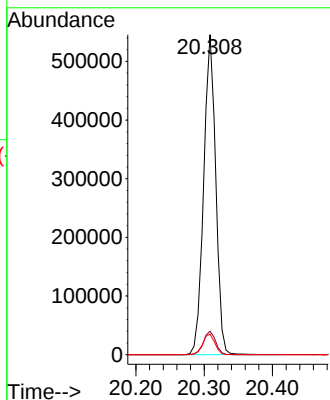
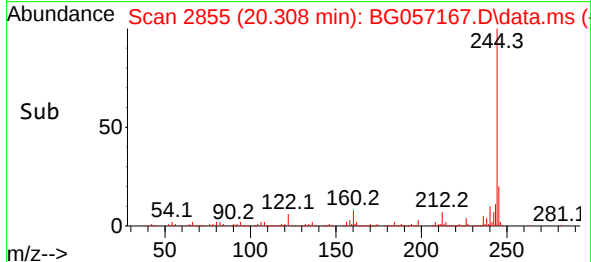
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:244 Resp: 670610
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 6.4 5.0 7.4

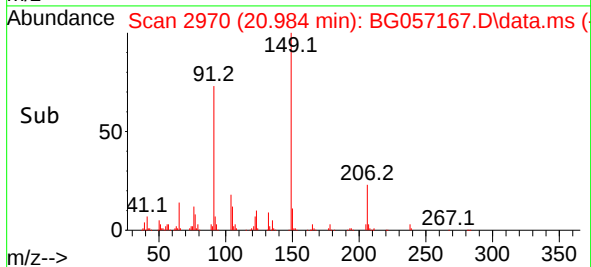
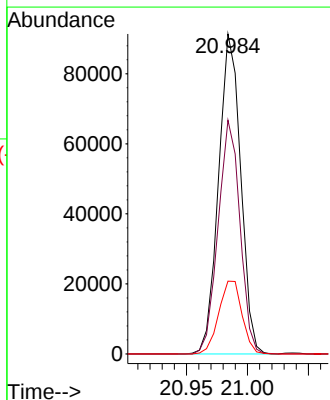
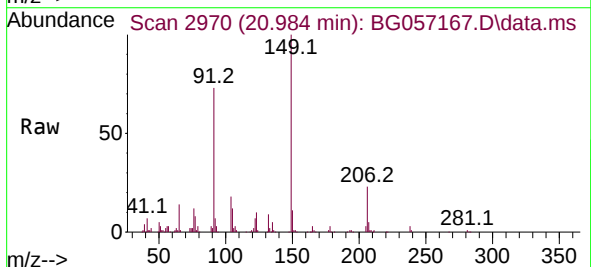
Manual Integrations
APPROVED

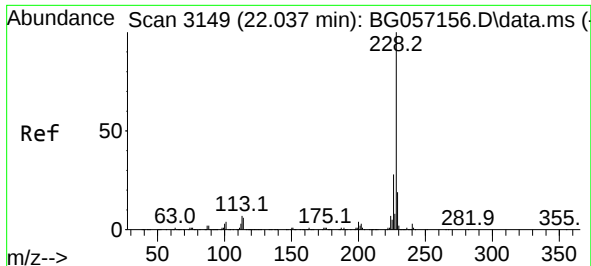
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#80
Butylbenzylphthalate
Concen: 47.038 ng
RT: 20.984 min Scan# 2970
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

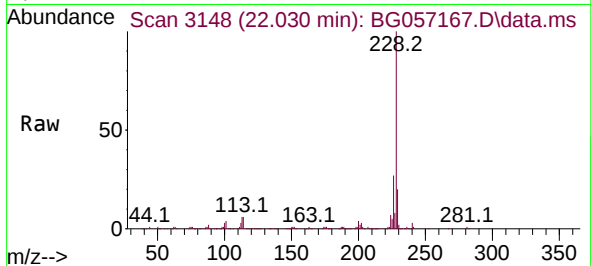
Tgt Ion:149 Resp: 115233
Ion Ratio Lower Upper
149 100
91 73.0 54.1 81.1
206 22.8 18.2 27.2





#81
Benzo(a)anthracene
Concen: 42.290 ng
RT: 22.030 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

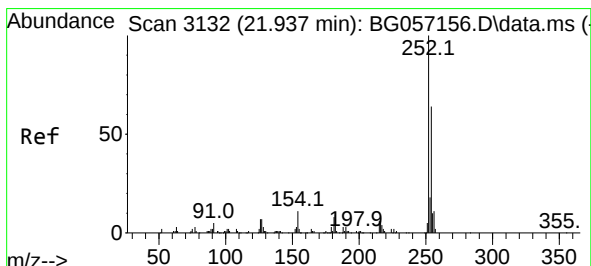
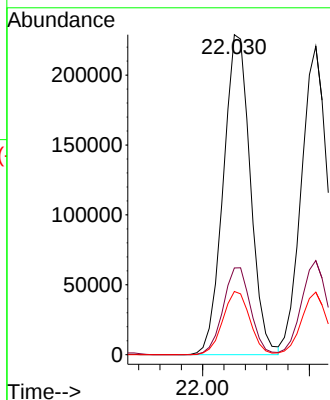
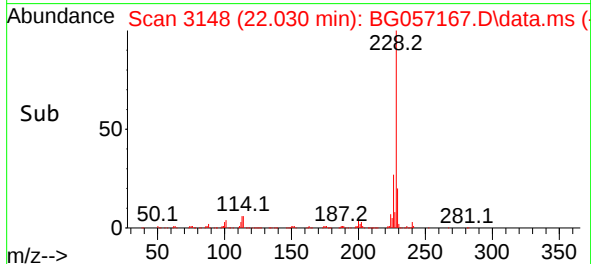
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:228 Resp: 403374
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.7 15.6 23.4

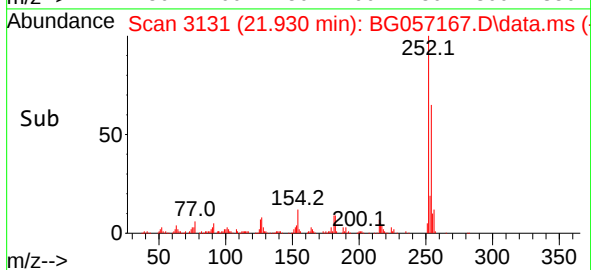
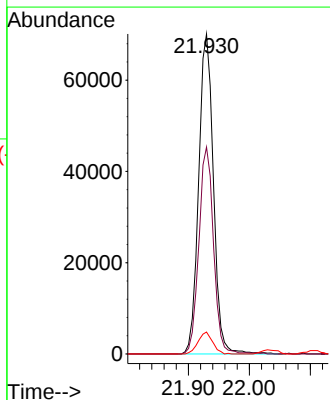
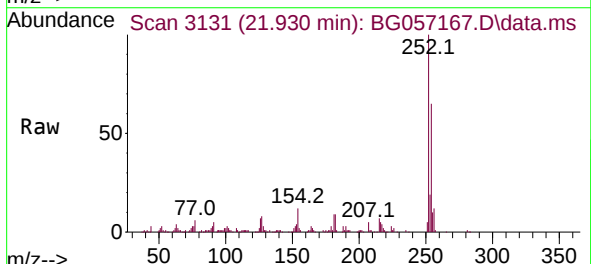
Manual Integrations
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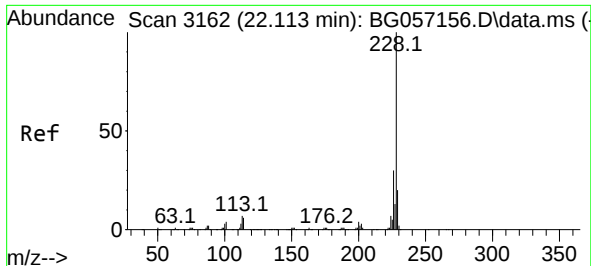
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 47.256 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

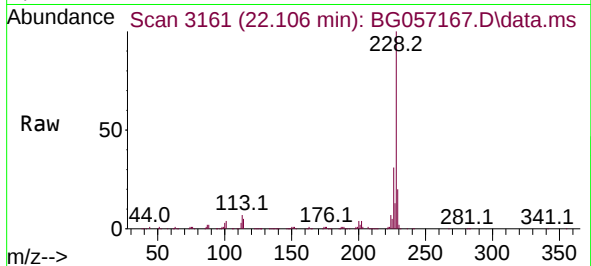
Tgt Ion:252 Resp: 117974
Ion Ratio Lower Upper
252 100
254 64.7 50.9 76.3
126 6.8 5.9 8.9





#83
Chrysene
Concen: 41.253 ng
RT: 22.106 min Scan# 3162
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

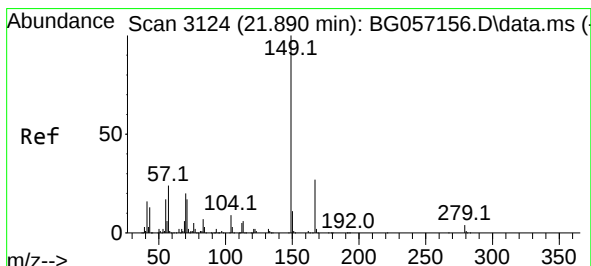
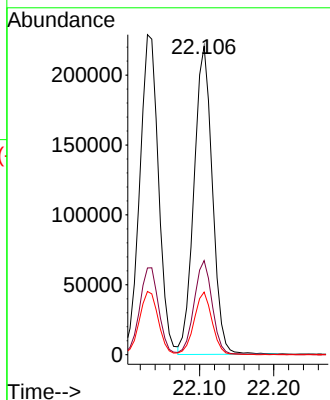
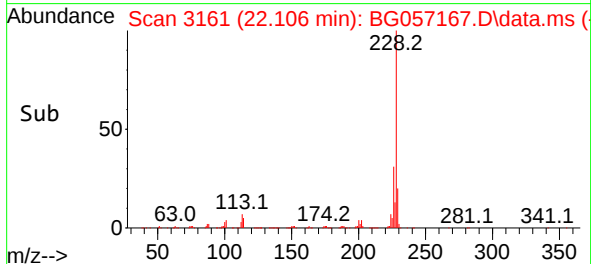
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:228 Resp: 379460
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 20.3 15.8 23.6

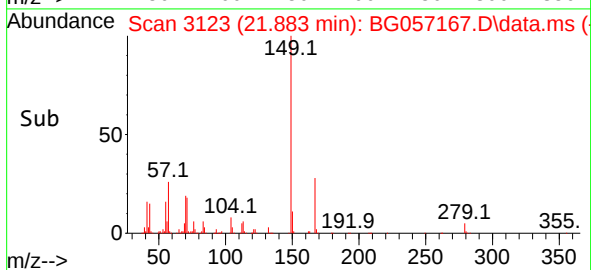
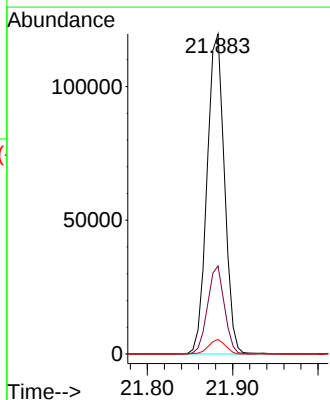
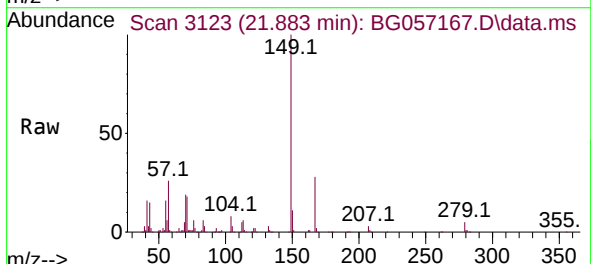
Manual Integrations
APPROVED

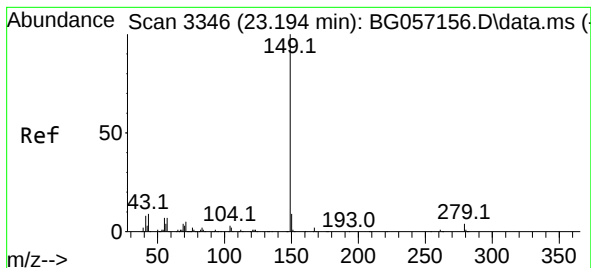
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.967 ng
RT: 21.883 min Scan# 3123
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

Tgt Ion:149 Resp: 169644
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.625 ng

RT: 23.187 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

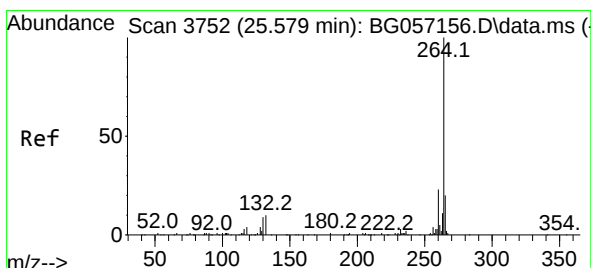
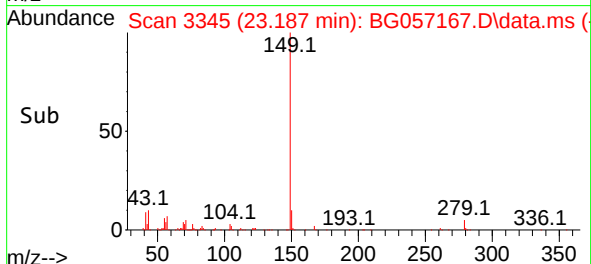
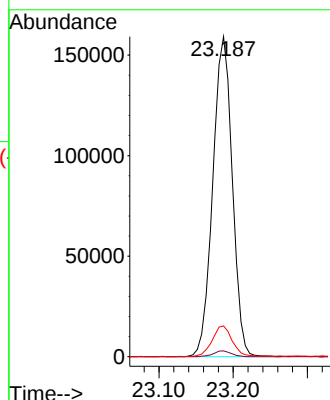
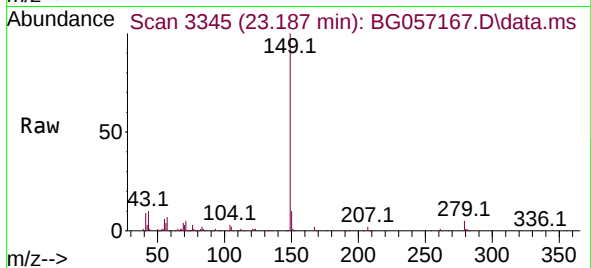
SSTDCCC040EC

Tgt Ion:149 Resp: 290099
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.0 7.4 11.0

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

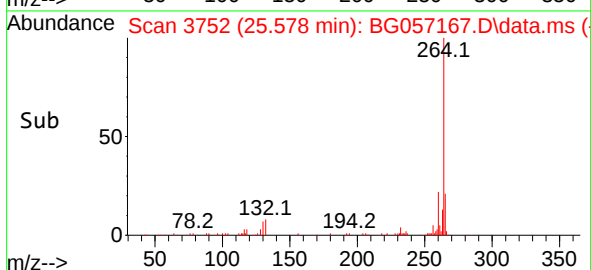
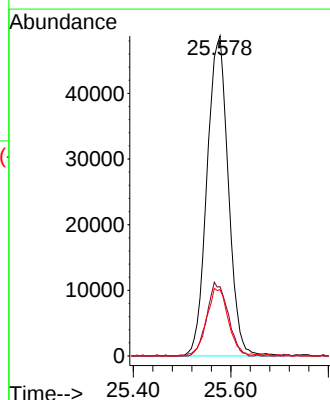
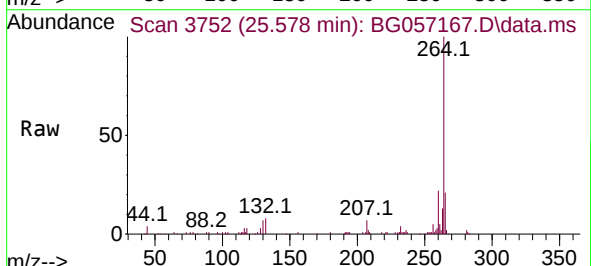
RT: 25.578 min Scan# 3752

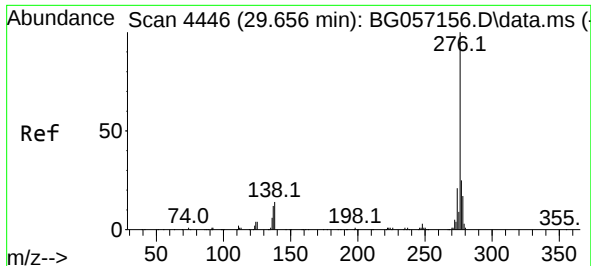
Delta R.T. -0.001 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

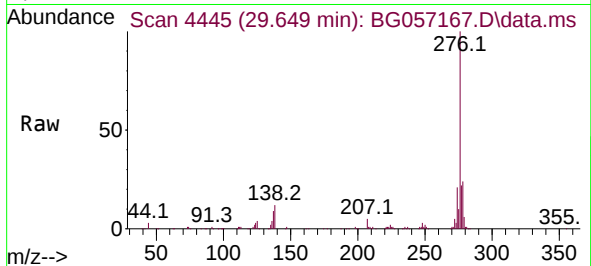
Tgt Ion:264 Resp: 147638
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.8 28.2
 265 20.8 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.479 ng
 RT: 29.649 min Scan# 4446
 Delta R.T. -0.007 min
 Lab File: BG057167.D
 Acq: 25 Apr 2023 1:33

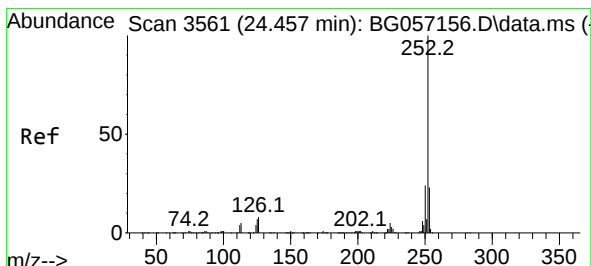
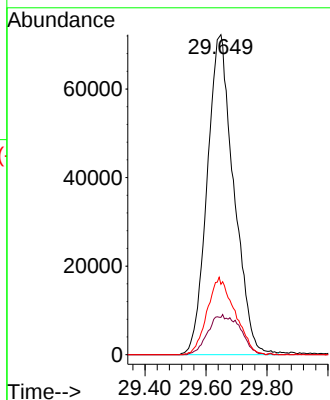
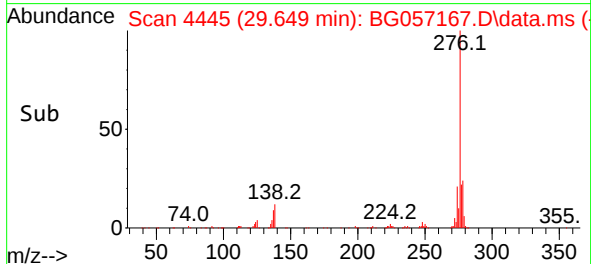
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC



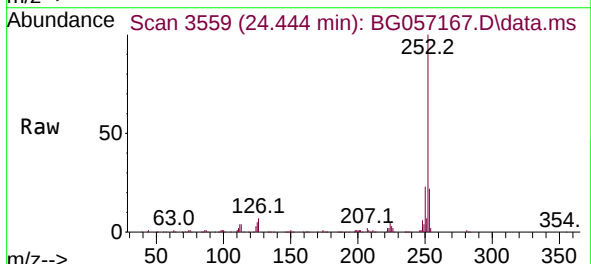
Tgt Ion:276 Resp: 43866
 Ion Ratio Lower Upper
 276 100
 138 15.0 13.8 20.6
 277 25.0 20.4 30.6

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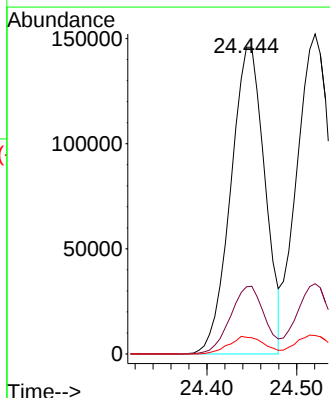
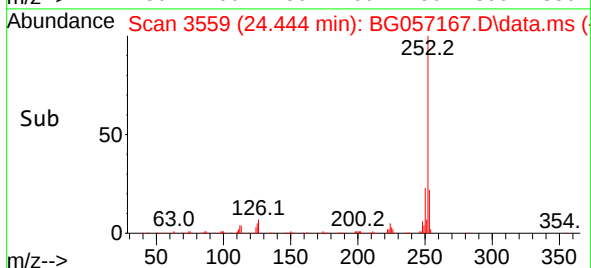
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

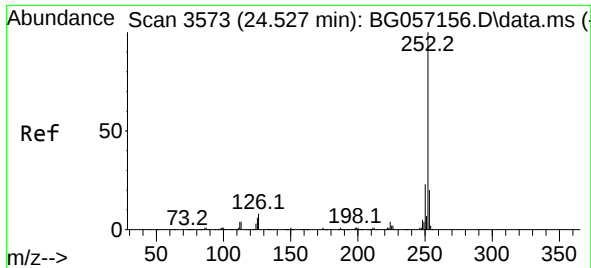


#88
 Benzo(b)fluoranthene
 Concen: 41.741 ng
 RT: 24.444 min Scan# 3559
 Delta R.T. -0.013 min
 Lab File: BG057167.D
 Acq: 25 Apr 2023 1:33



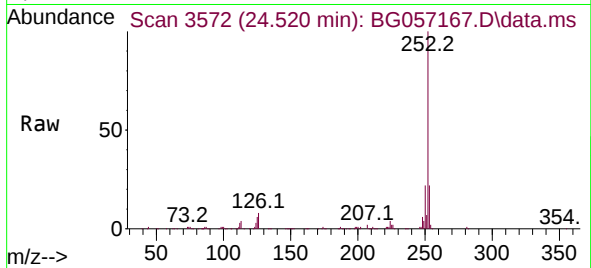
Tgt Ion:252 Resp: 386298
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.2
 125 5.4 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 41.722 ng
RT: 24.520 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33

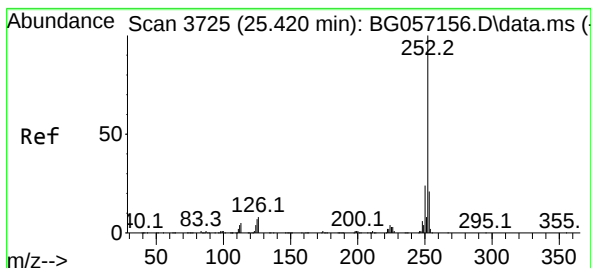
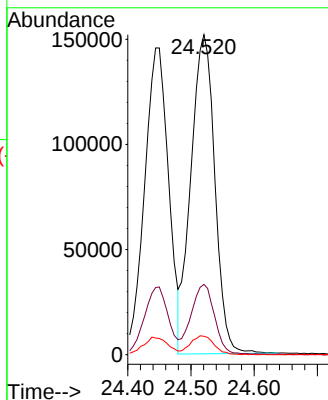
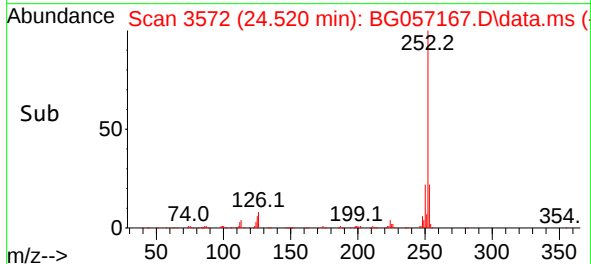
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



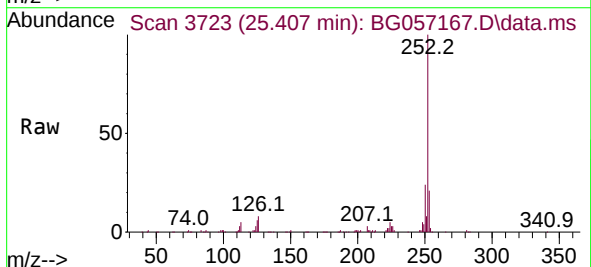
Tgt Ion:252 Resp: 399399
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 5.8 5.0 7.6

Manual Integrations
APPROVED

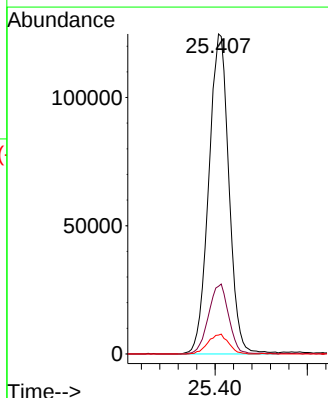
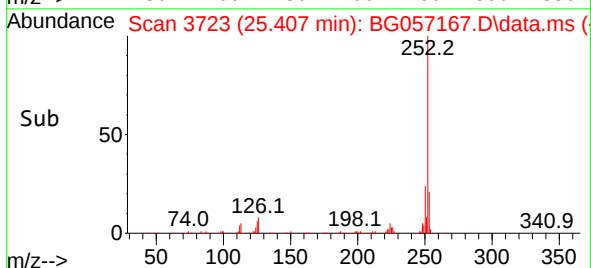
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

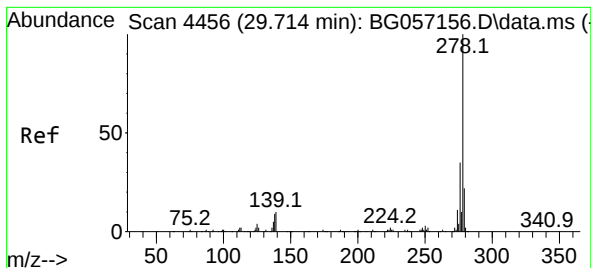


#90
Benzo(a)pyrene
Concen: 41.540 ng
RT: 25.407 min Scan# 3723
Delta R.T. -0.013 min
Lab File: BG057167.D
Acq: 25 Apr 2023 1:33



Tgt Ion:252 Resp: 378655
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 5.9 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 41.452 ng

RT: 29.702 min Scan# 4454

Delta R.T. -0.013 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 363998

Ion Ratio Lower Upper

278 100

139 9.5 7.9 11.9

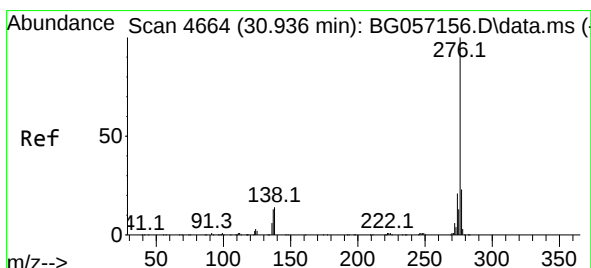
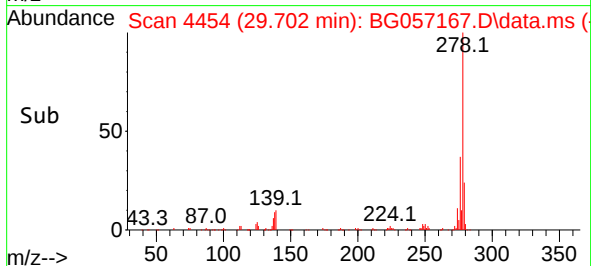
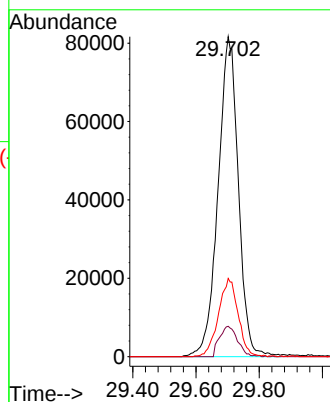
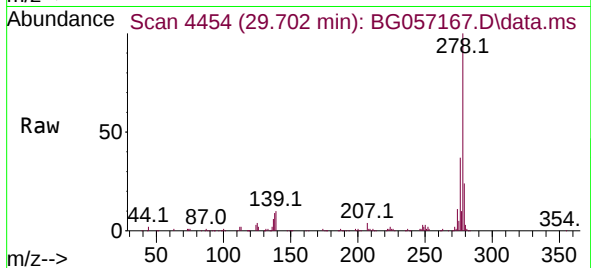
279 24.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#92

Benzo(g,h,i)perylene

Concen: 40.805 ng

RT: 30.924 min Scan# 4662

Delta R.T. -0.013 min

Lab File: BG057167.D

Acq: 25 Apr 2023 1:33

Tgt Ion:276 Resp: 354523

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 11.6 11.5 17.3

