

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057430.D
 Acq On : 13 May 2023 6:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 07:24:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	19296	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	77494	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	60917	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	151813	20.000	ng	0.00
76) Chrysene-d12	22.027	240	135860	20.000	ng	0.00
86) Perylene-d12	25.523	264	148192	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	86139	76.363	ng	0.00
7) Phenol-d6	7.506	99	134298	78.402	ng	0.00
23) Nitrobenzene-d5	9.544	82	139371	75.483	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	73764	85.341	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	359472	79.475	ng	0.00
79) Terphenyl-d14	20.283	244	633472	76.091	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	16751	35.915	ng	95
3) Pyridine	4.099	79	56035	37.384	ng	95
4) n-Nitrosodimethylamine	4.011	42	24596	34.919	ng	# 90
6) Aniline	7.676	93	83330	38.348	ng	94
8) 2-Chlorophenol	7.923	128	46084	38.663	ng	97
9) Benzaldehyde	7.488	77	34050	36.950	ng	98
10) Phenol	7.529	94	64562	38.664	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	46944	37.283	ng	99
12) 1,3-Dichlorobenzene	8.252	146	50893	38.686	ng	97
13) 1,4-Dichlorobenzene	8.399	146	51827	39.221	ng	98
14) 1,2-Dichlorobenzene	8.722	146	49098	38.488	ng	98
15) Benzyl Alcohol	8.598	79	53884	37.760	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.875	45	56070	35.330	ng	97
17) 2-Methylphenol	8.798	107	47887	39.784	ng	99
18) Hexachloroethane	9.456	117	18093	37.941	ng	98
19) n-Nitroso-di-n-propyla...	9.162	70	47461	36.337	ng	99
20) 3+4-Methylphenols	9.127	107	66288	40.219	ng	95
22) Acetophenone	9.192	105	83314	37.563	ng	97
24) Nitrobenzene	9.585	77	70292	37.719	ng	99
25) Isophorone	10.102	82	131044	36.601	ng	99
26) 2-Nitrophenol	10.302	139	29528	41.394	ng	92
27) 2,4-Dimethylphenol	10.343	122	51154	40.954	ng	98
28) bis(2-Chloroethoxy)met...	10.578	93	65606	36.577	ng	94
29) 2,4-Dichlorophenol	10.842	162	55147	41.627	ng	97
30) 1,2,4-Trichlorobenzene	11.060	180	59605	39.008	ng	97
31) Naphthalene	11.254	128	160424	38.722	ng	99
32) Benzoic acid	10.496	122	27360m	38.970	ng	
33) 4-Chloroaniline	11.354	127	75001	40.312	ng	97
34) Hexachlorobutadiene	11.518	225	44008	38.814	ng	97
35) Caprolactam	12.129	113	17883	39.517	ng	97
36) 4-Chloro-3-methylphenol	12.452	107	62397	41.446	ng	97
37) 2-Methylnaphthalene	12.828	142	131663	40.420	ng	95
38) 1-Methylnaphthalene	13.045	142	122695	39.963	ng	98
40) 1,2,4,5-Tetrachloroben...	13.186	216	87222	40.332	ng	99
41) Hexachlorocyclopentadiene	13.163	237	39088	40.939	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	54161	41.108	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057430.D
 Acq On : 13 May 2023 6:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

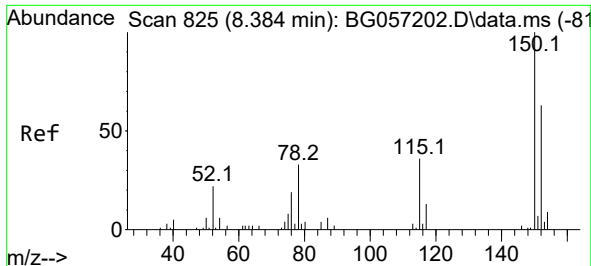
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 07:24:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

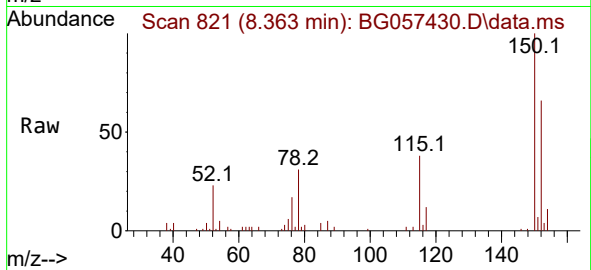
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	63398	40.907	ng	94
46) 1,1'-Biphenyl	13.815	154	179177	39.639	ng	99
47) 2-Chloronaphthalene	13.868	162	132975	39.560	ng	99
48) 2-Nitroaniline	14.062	65	45558	39.861	ng	97
49) Acenaphthylene	14.708	152	217736	39.871	ng	97
50) Dimethylphthalate	14.414	163	187623	37.480	ng	99
51) 2,6-Dinitrotoluene	14.543	165	42659	41.738	ng	89
52) Acenaphthene	15.043	154	133184	39.029	ng	100
53) 3-Nitroaniline	14.878	138	40098	39.161	ng	95
54) 2,4-Dinitrophenol	15.095	184	23692	40.047	ng	98
55) Dibenzofuran	15.372	168	227881	39.745	ng	99
56) 4-Nitrophenol	15.184	139	26460	38.854	ng	93
57) 2,4-Dinitrotoluene	15.330	165	59465	40.710	ng	98
58) Fluorene	16.018	166	186559	39.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.595	232	56956	40.536	ng	99
60) Diethylphthalate	15.759	149	191721	37.713	ng	98
61) 4-Chlorophenyl-phenyle...	15.994	204	111898	39.330	ng	96
62) 4-Nitroaniline	16.035	138	41254	39.937	ng	93
63) Azobenzene	16.288	77	175503	35.780	ng	98
65) 4,6-Dinitro-2-methylph...	16.100	198	39714	43.816	ng	96
66) n-Nitrosodiphenylamine	16.212	169	161940	39.275	ng	98
67) 4-Bromophenyl-phenylether	16.887	248	73744	39.792	ng	96
68) Hexachlorobenzene	17.022	284	74128	41.161	ng	97
69) Atrazine	17.146	200	61679	39.214	ng	99
70) Pentachlorophenol	17.369	266	41217	39.711	ng	97
71) Phenanthrene	17.762	178	303707	39.041	ng	100
72) Anthracene	17.851	178	313380	39.260	ng	99
73) Carbazole	18.115	167	261847	38.966	ng	98
74) Di-n-butylphthalate	18.632	149	303876	39.303	ng	98
75) Fluoranthene	19.748	202	379442	39.218	ng	98
77) Benzidine	19.913	184	80470	26.494	ng	99
78) Pyrene	20.112	202	383856	38.882	ng	99
80) Butylbenzylphthalate	20.958	149	133213	42.527	ng	95
81) Benzo(a)anthracene	22.004	228	379150	39.170	ng	98
82) 3,3'-Dichlorobenzidine	21.898	252	125514	40.483	ng	98
83) Chrysene	22.074	228	357445	39.248	ng	100
84) Bis(2-ethylhexyl)phtha...	21.845	149	188983	40.776	ng	97
85) Di-n-octyl phthalate	23.143	149	321655	41.630	ng	97
87) Indeno(1,2,3-cd)pyrene	29.582	276	421268	39.005	ng	100
88) Benzo(b)fluoranthene	24.406	252	374140	38.622	ng	100
89) Benzo(k)fluoranthene	24.477	252	370209	37.608	ng	99
90) Benzo(a)pyrene	25.364	252	361671	38.215	ng	97
91) Dibenzo(a,h)anthracene	29.641	278	348963	38.797	ng	98
92) Benzo(g,h,i)perylene	30.857	276	341593	38.895	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

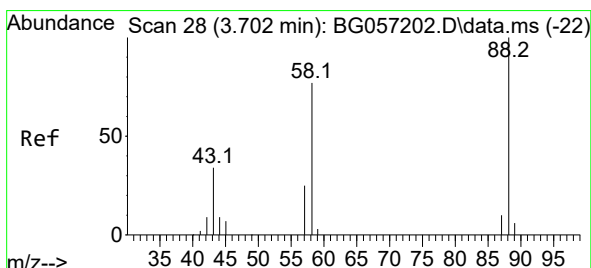
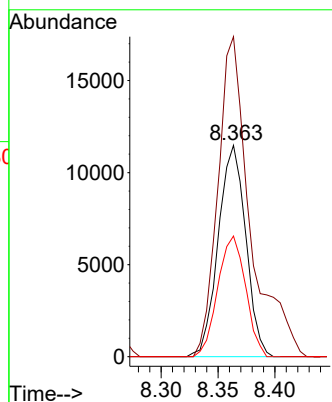
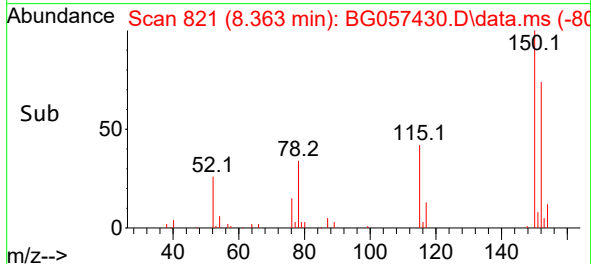
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



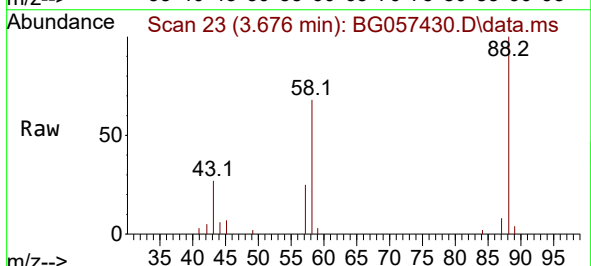
Tgt Ion: 152 Resp: 19290
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.4
115 57.1 45.0 67.4

Manual Integrations
APPROVED

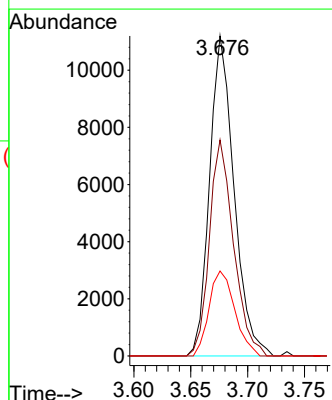
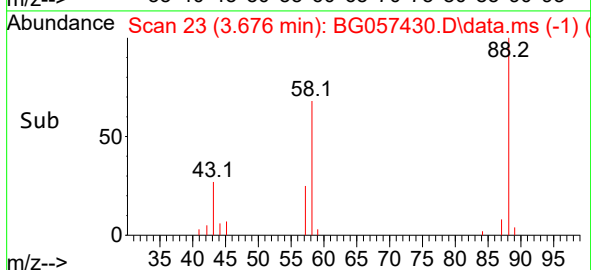
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 35.915 ng
RT: 3.676 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion: 88 Resp: 16751
Ion Ratio Lower Upper
88 100
58 66.6 57.1 85.7
43 27.9 24.4 36.6





#3
Pyridine
Concen: 37.384 ng
RT: 4.099 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

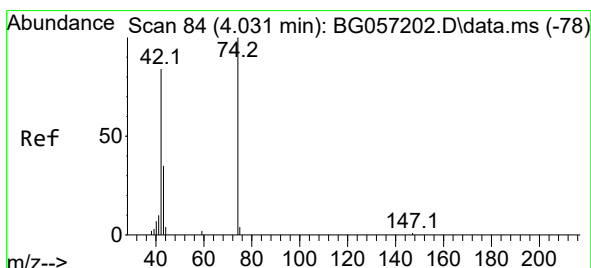
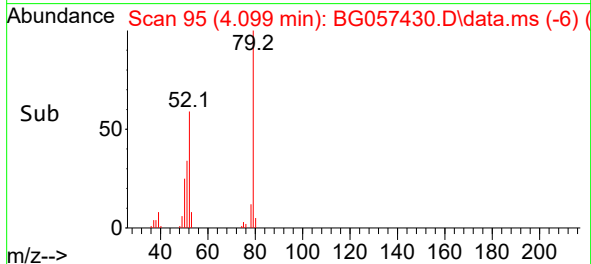
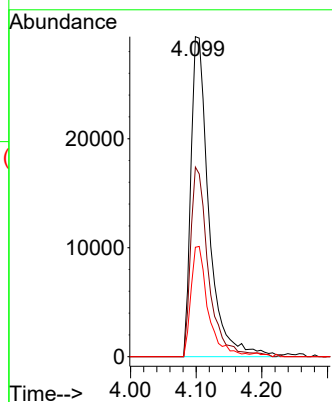
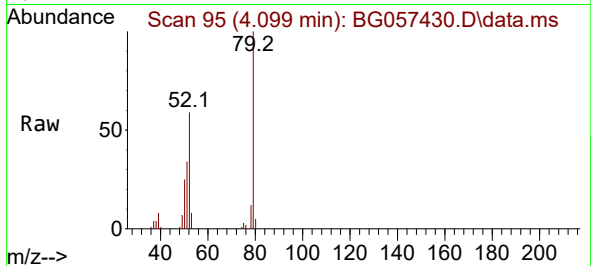
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 5603
Ion Ratio Lower Upper
79 100
52 59.3 51.4 77.0
51 34.2 28.0 42.0

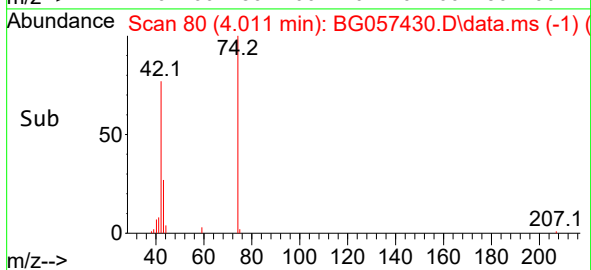
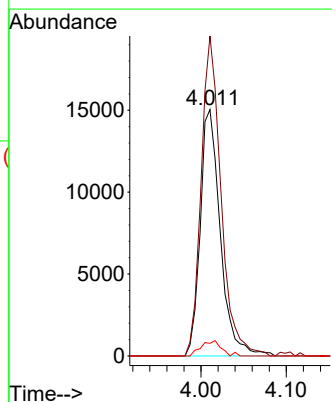
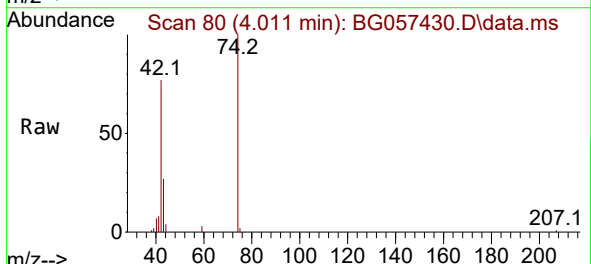
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 34.919 ng
RT: 4.011 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 42 Resp: 24596
Ion Ratio Lower Upper
42 100
74 129.8 95.1 142.7
44 5.1 5.8 8.8





#5
2-Fluorophenol
Concen: 76.363 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

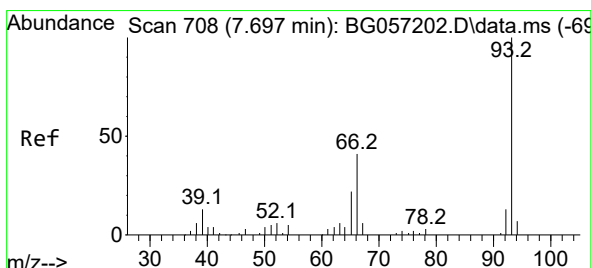
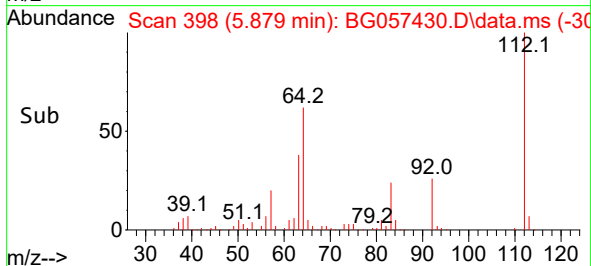
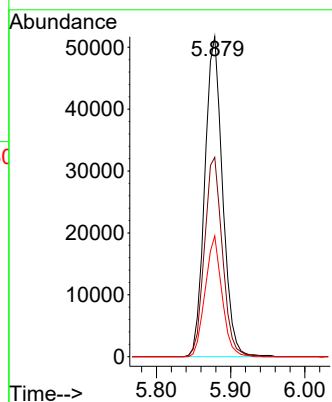
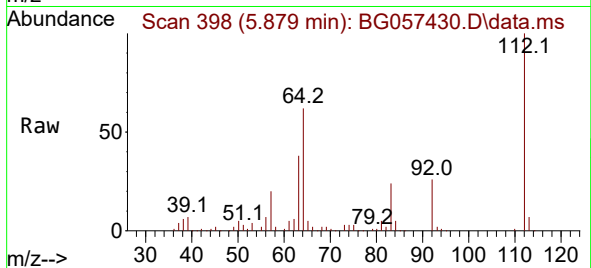
SSTDCCC040EC

Tgt Ion:112 Resp: 86139
Ion Ratio Lower Upper
112 100
64 62.3 49.4 74.2
63 37.7 31.6 47.4

Manual Integrations

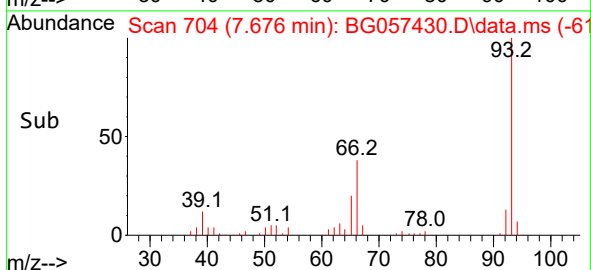
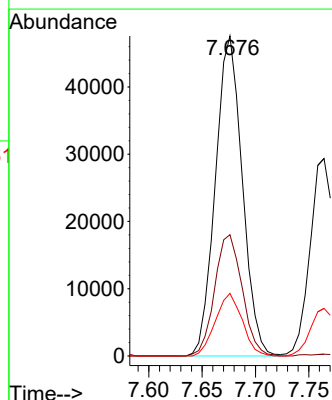
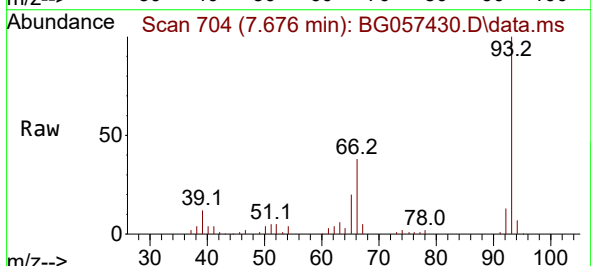
APPROVED

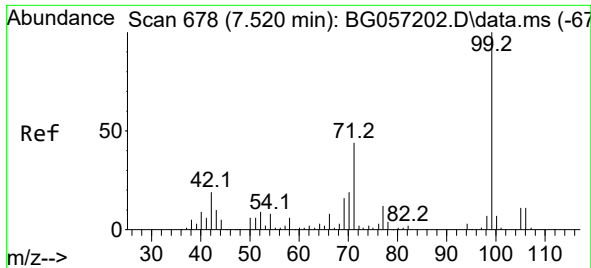
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 38.348 ng
RT: 7.676 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 93 Resp: 83330
Ion Ratio Lower Upper
93 100
66 37.9 33.0 49.6
65 19.5 18.0 27.0





#7
Phenol-d6
Concen: 78.402 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

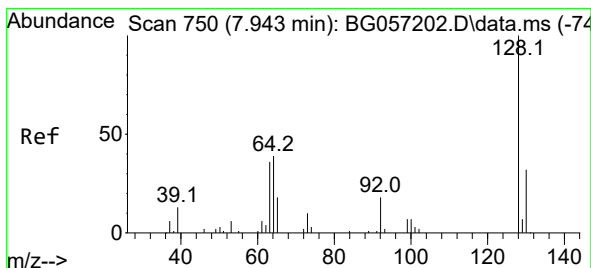
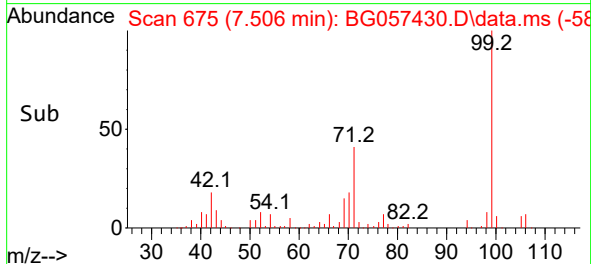
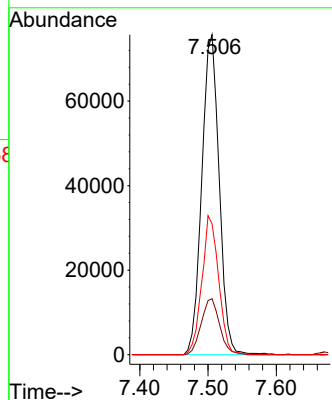
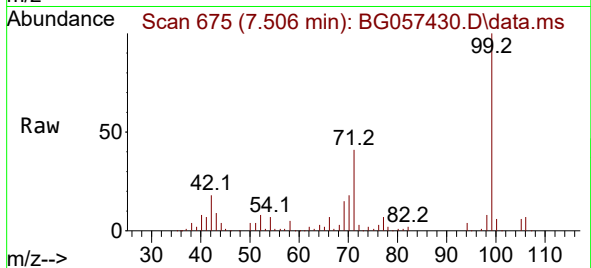
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 134298
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 40.9 35.2 52.8

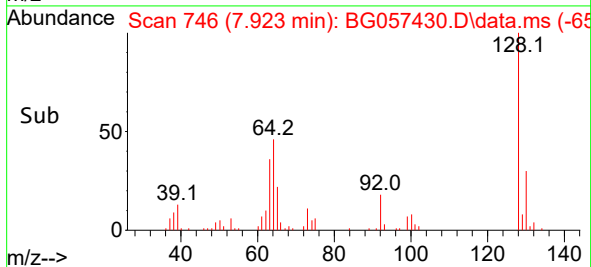
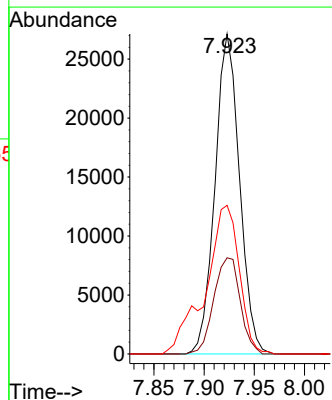
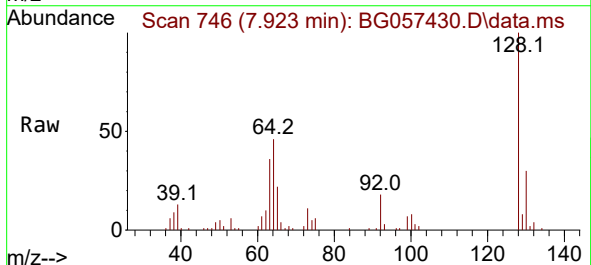
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#8
2-Chlorophenol
Concen: 38.663 ng
RT: 7.923 min Scan# 746
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:128 Resp: 46084
Ion Ratio Lower Upper
128 100
130 30.1 12.2 52.2
64 46.4 28.4 68.4





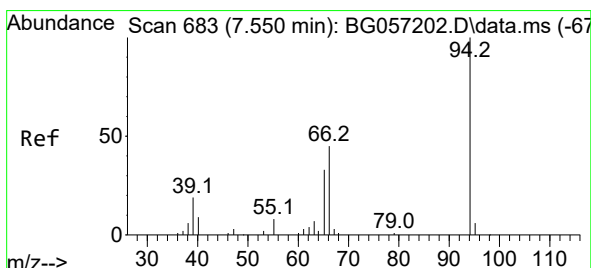
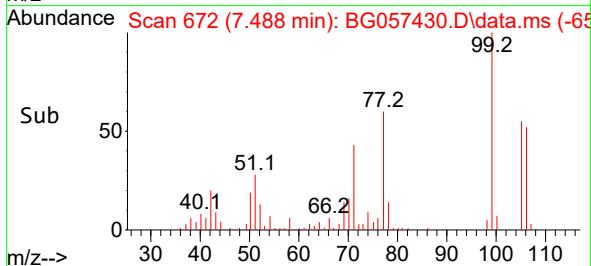
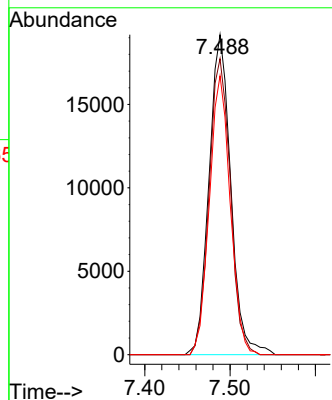
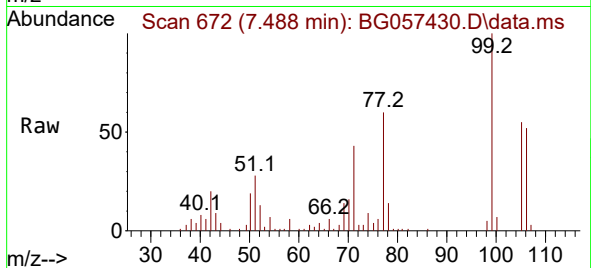
#9
Benzaldehyde
Concen: 36.950 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 34050
Ion Ratio Lower Upper
77 100
105 92.5 74.6 114.6
106 87.2 66.3 106.3

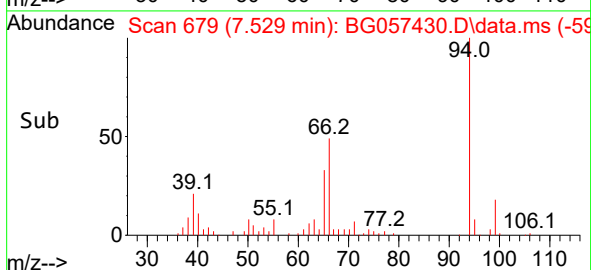
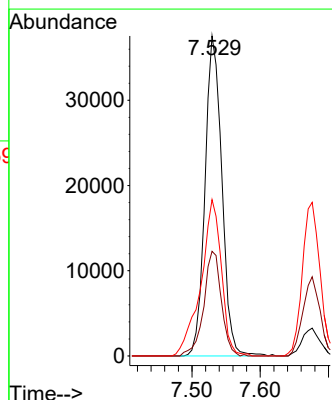
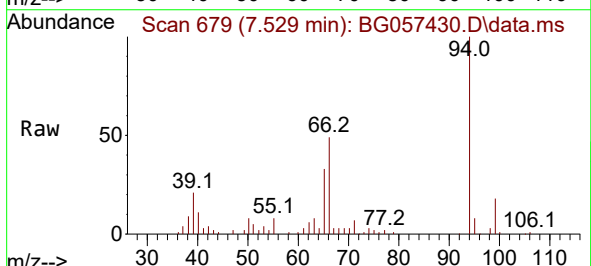
Manual Integrations
APPROVED

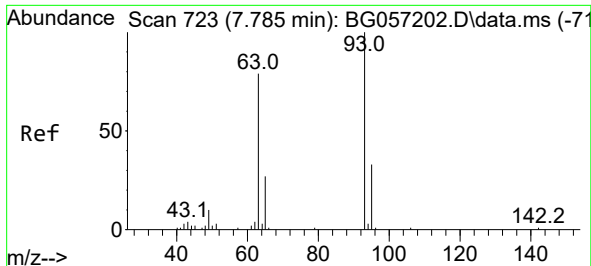
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#10
Phenol
Concen: 38.664 ng
RT: 7.529 min Scan# 679
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 94 Resp: 64562
Ion Ratio Lower Upper
94 100
65 32.7 13.5 53.5
66 48.9 26.7 66.7





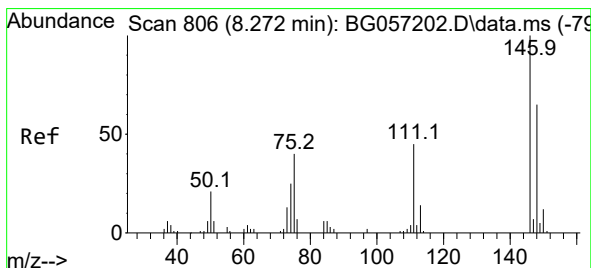
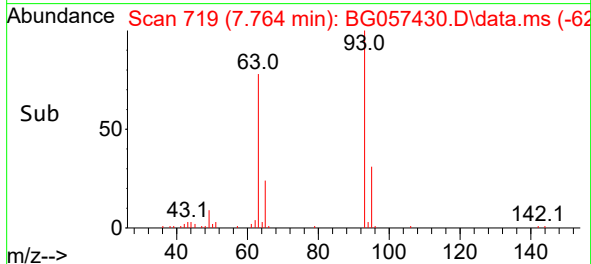
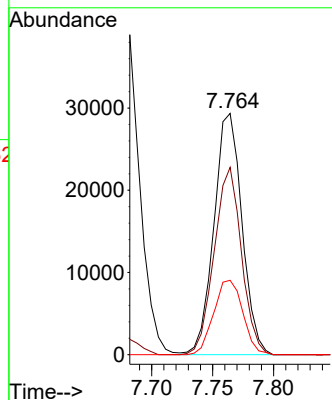
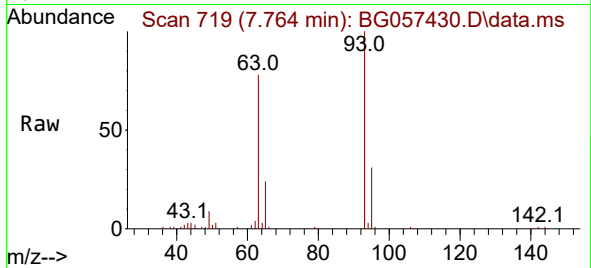
#11
bis(2-Chloroethyl)ether
Concen: 37.283 ng
RT: 7.764 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 46944
Ion Ratio Lower Upper
93 100
63 77.7 58.6 98.6
95 30.9 12.2 52.2

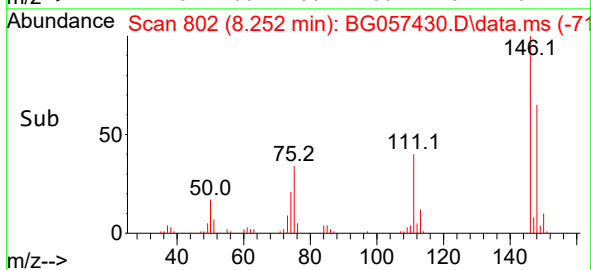
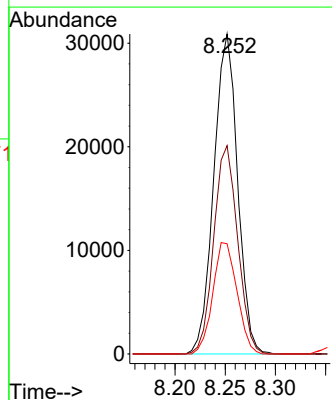
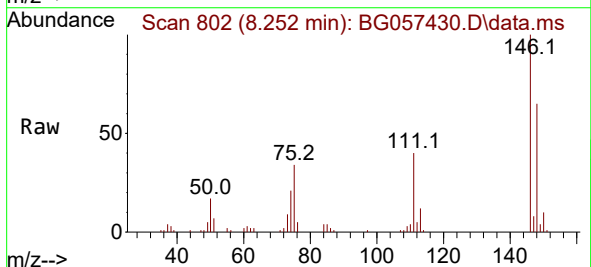
Manual Integrations
APPROVED

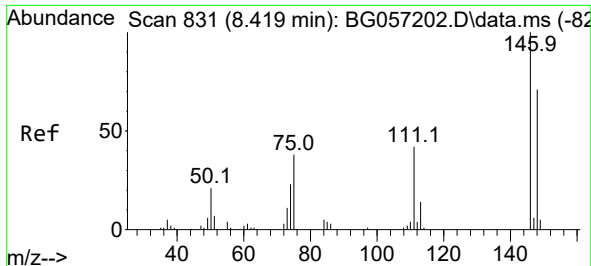
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 38.686 ng
RT: 8.252 min Scan# 802
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:146 Resp: 50893
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
75 34.4 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 39.221 ng

RT: 8.399 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

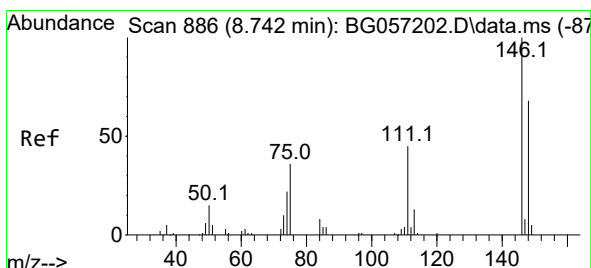
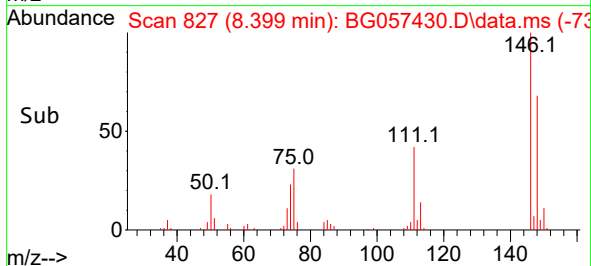
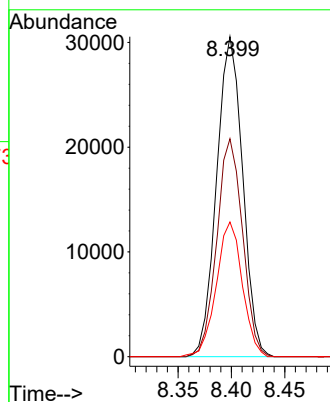
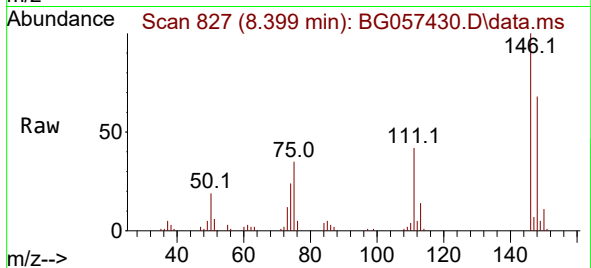
SSTDCCC040EC

Tgt Ion:146 Resp: 51827
 Ion Ratio Lower Upper
 146 100
 148 68.1 56.4 84.6
 111 42.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#14

1,2-Dichlorobenzene

Concen: 38.488 ng

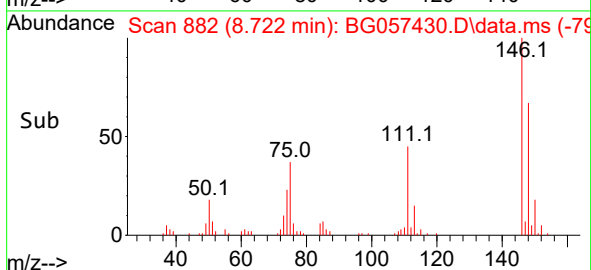
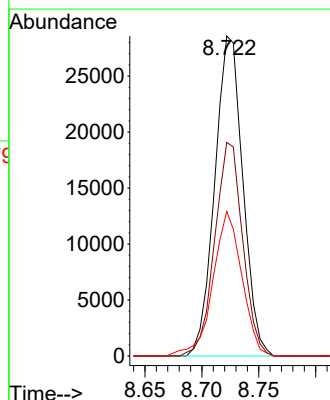
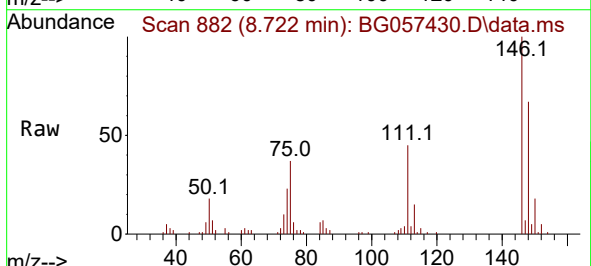
RT: 8.722 min Scan# 882

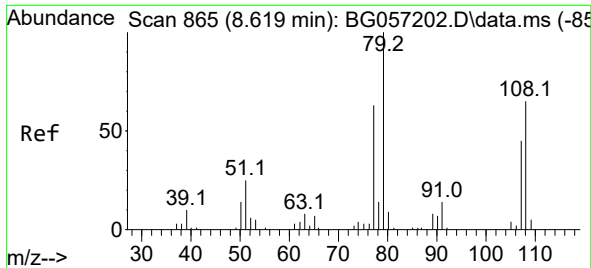
Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:146 Resp: 49098
 Ion Ratio Lower Upper
 146 100
 148 66.8 54.6 82.0
 111 45.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 37.760 ng
RT: 8.598 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

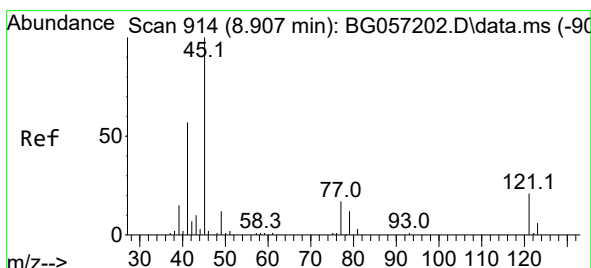
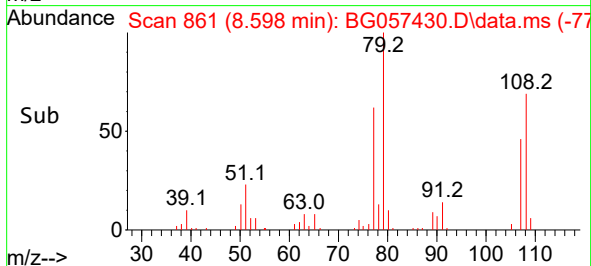
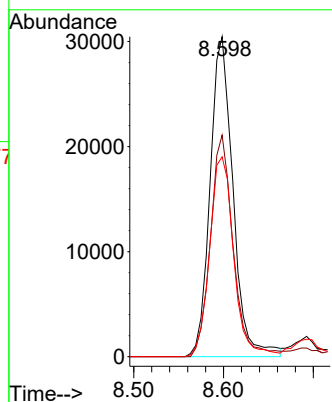
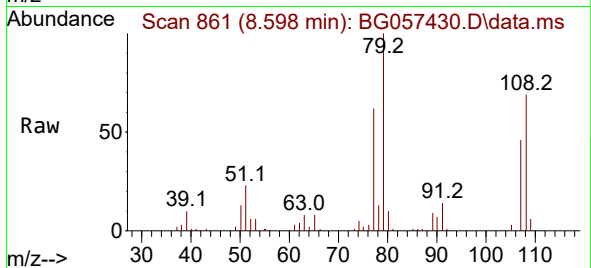
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 53884
Ion Ratio Lower Upper
79 100
108 69.2 52.2 78.2
77 62.4 50.1 75.1

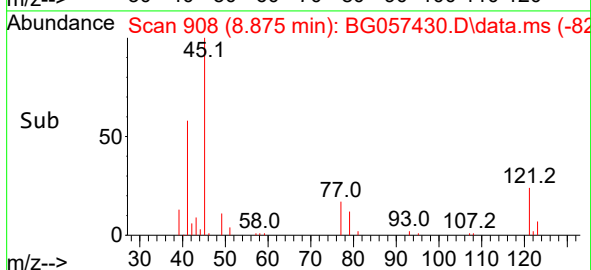
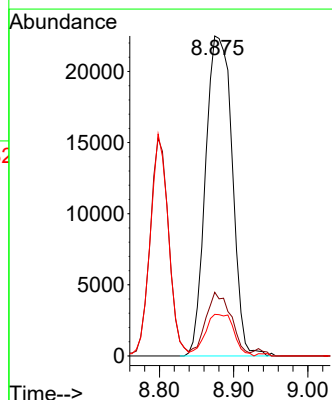
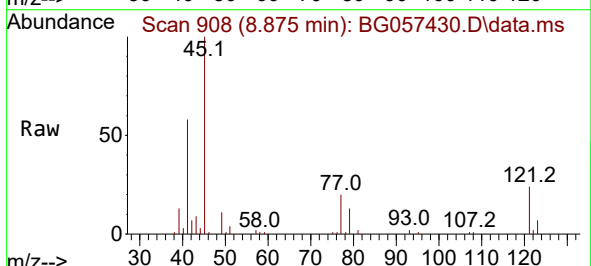
Manual Integrations
APPROVED

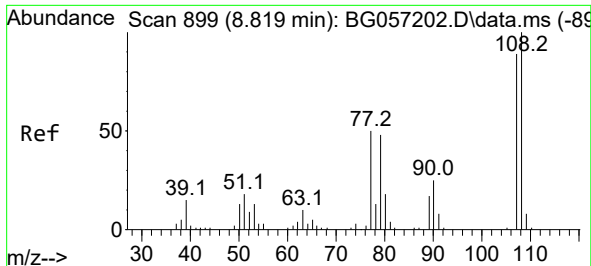
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.330 ng
RT: 8.875 min Scan# 908
Delta R.T. -0.012 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 45 Resp: 56070
Ion Ratio Lower Upper
45 100
77 19.9 0.0 38.5
79 13.0 0.0 33.8





#17

2-Methylphenol

Concen: 39.784 ng

RT: 8.798 min Scan# 899

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

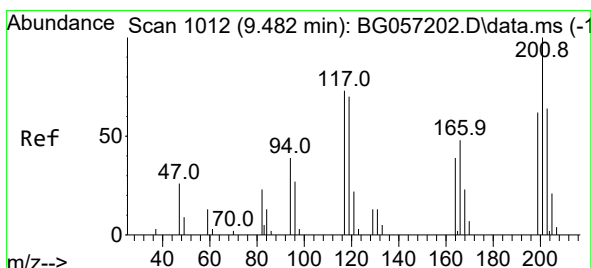
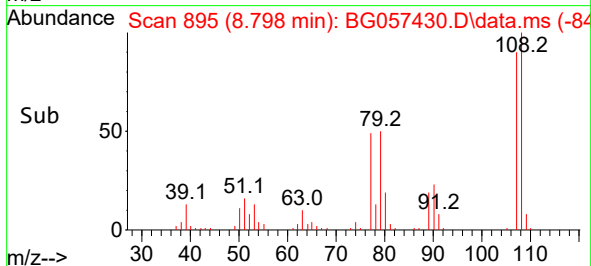
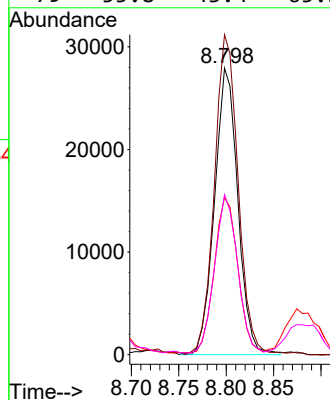
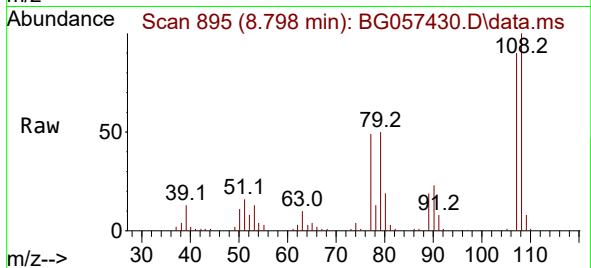
SSTDCCC040EC

Tgt Ion:	107	Resp:	4788
Ion Ratio	Lower	Upper	
107	100		
108	111.7	89.5	134.3
77	54.8	45.1	67.7
79	55.8	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#18

Hexachloroethane

Concen: 37.941 ng

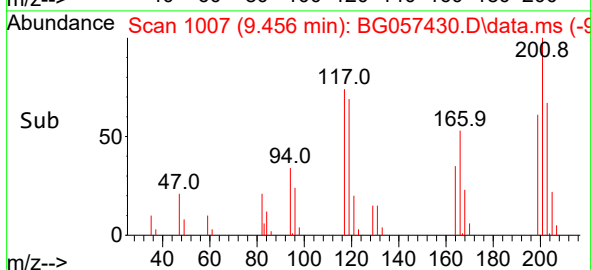
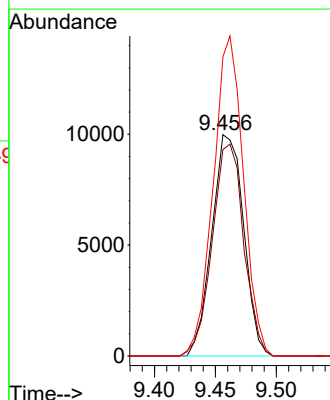
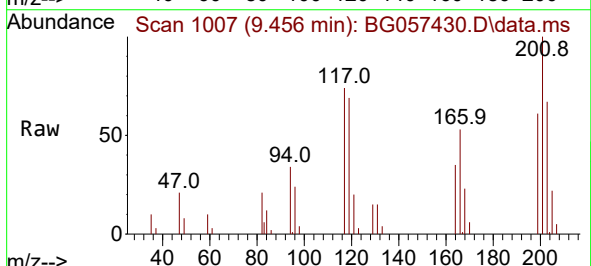
RT: 9.456 min Scan# 1007

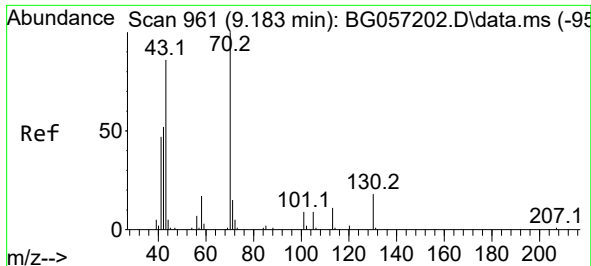
Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:	117	Resp:	18093
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.7	115.1
201	135.1	109.0	163.4





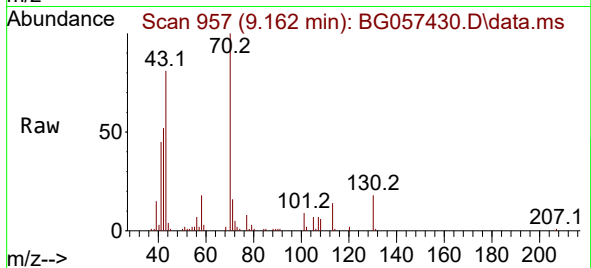
#19
n-Nitroso-di-n-propylamine
Concen: 36.337 ng
RT: 9.162 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

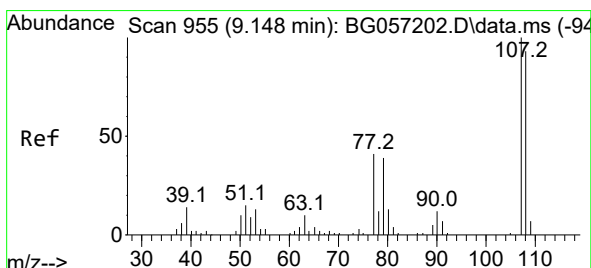
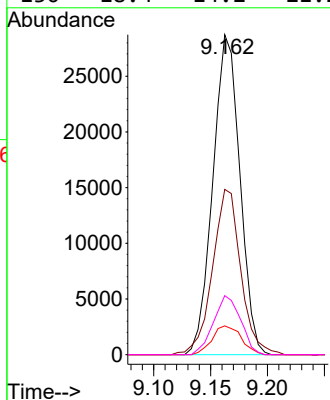
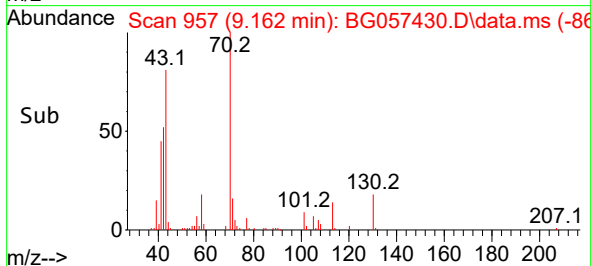
SSTDCCC040EC



Tgt Ion: 70 Resp: 4746
Ion Ratio Lower Upper
70 100
42 51.6 41.8 62.8
101 9.0 6.8 10.2
130 18.4 14.2 21.2

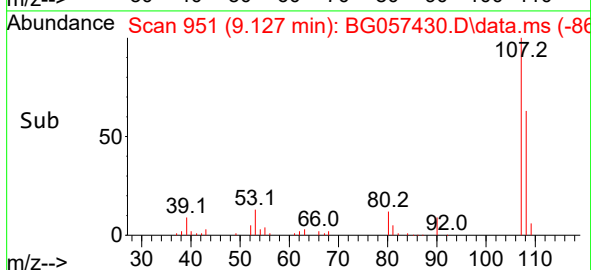
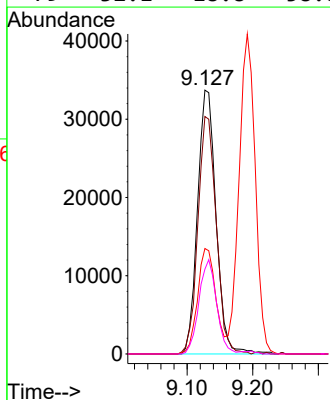
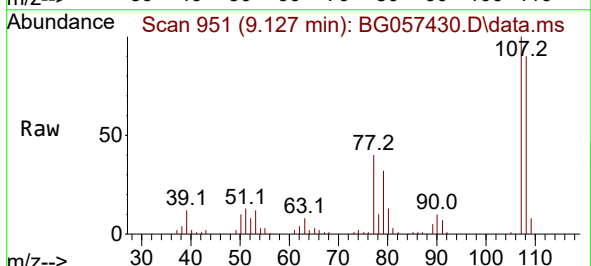
Manual Integrations
APPROVED

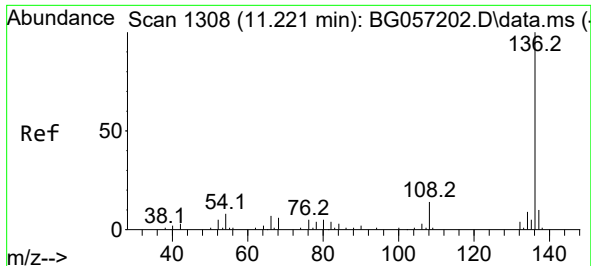
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#20
3+4-Methylphenols
Concen: 40.219 ng
RT: 9.127 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:107 Resp: 66288
Ion Ratio Lower Upper
107 100
108 90.0 73.5 113.5
77 39.9 21.1 61.1
79 32.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

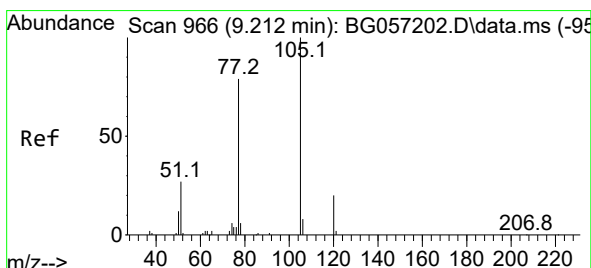
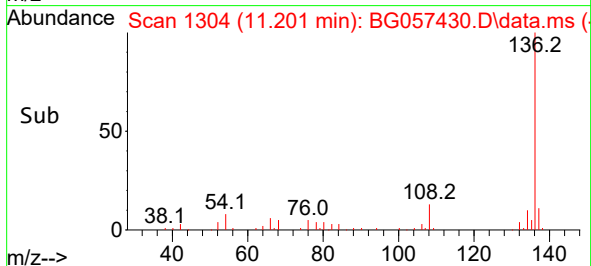
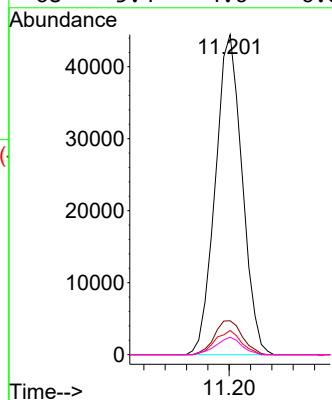
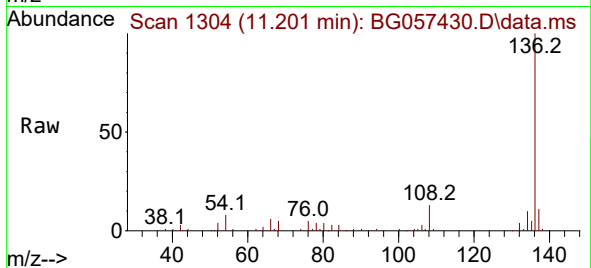
SSTDCCC040EC

Tgt Ion:136 Resp: 77494
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 7.5 6.7 10.1
68 5.4 4.6 6.8

Manual Integrations

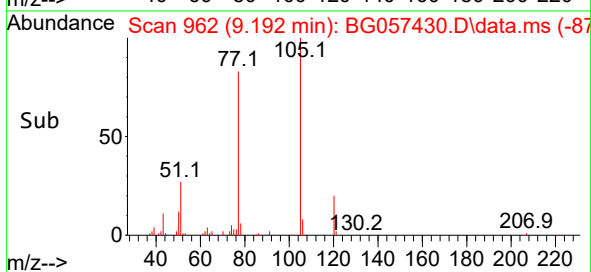
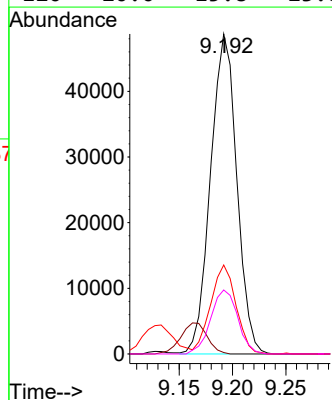
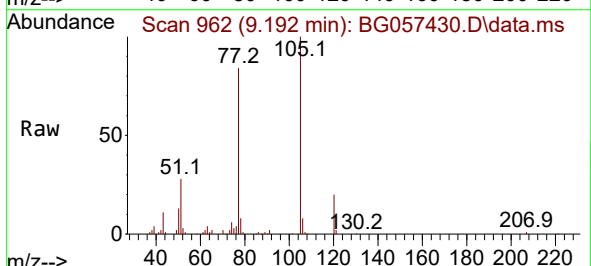
APPROVED

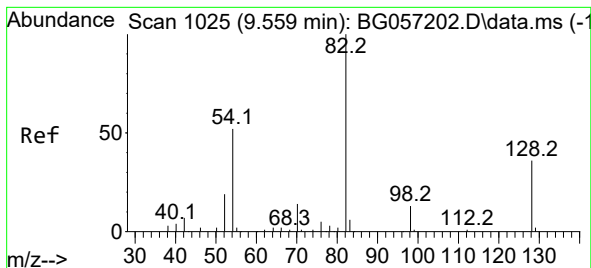
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 37.563 ng
RT: 9.192 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:105 Resp: 83314
Ion Ratio Lower Upper
105 100
71 0.4 0.4 0.6
51 27.8 24.0 36.0
120 20.0 15.8 23.8





#23
Nitrobenzene-d5
Concen: 75.483 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

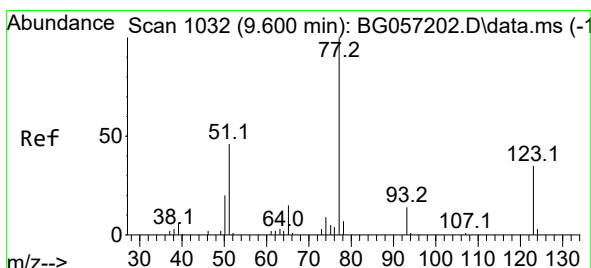
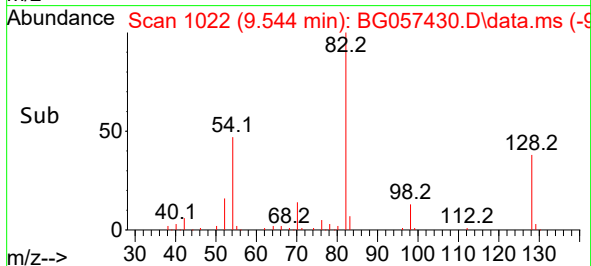
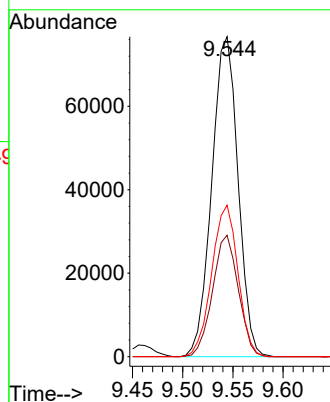
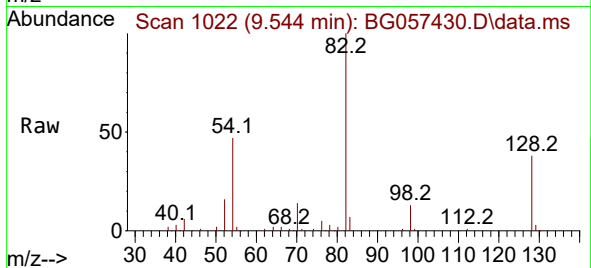
SSTDCCC040EC

Tgt Ion: 82 Resp: 13937
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.4
54 47.3 41.4 62.0

Manual Integrations

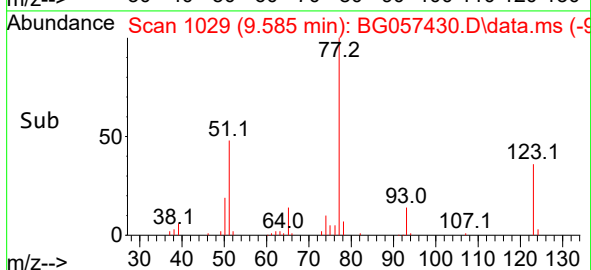
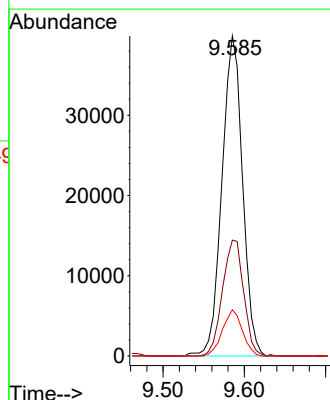
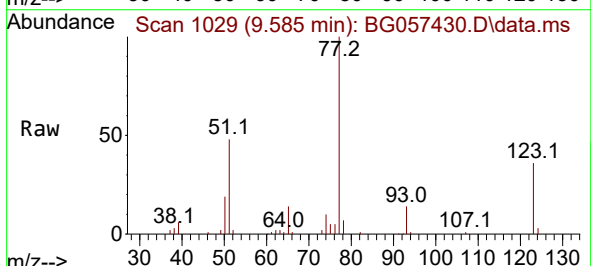
APPROVED

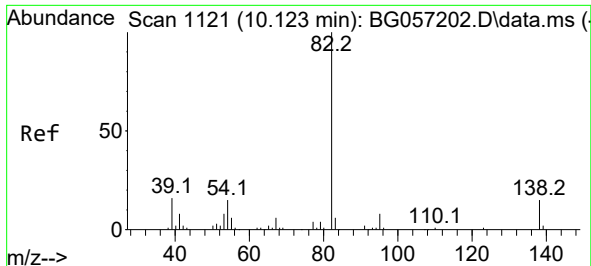
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#24
Nitrobenzene
Concen: 37.719 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 77 Resp: 70292
Ion Ratio Lower Upper
77 100
123 36.2 28.2 42.2
65 14.5 11.7 17.5





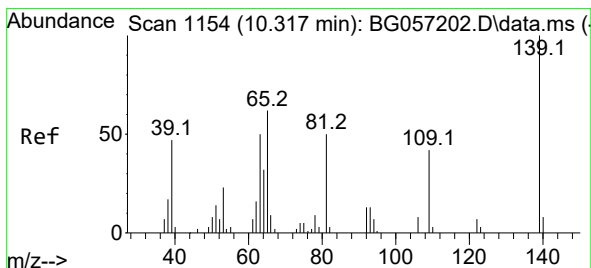
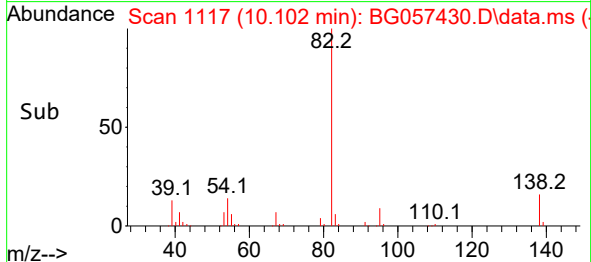
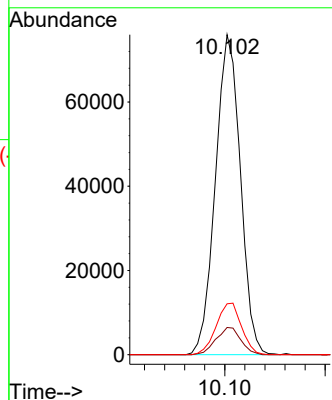
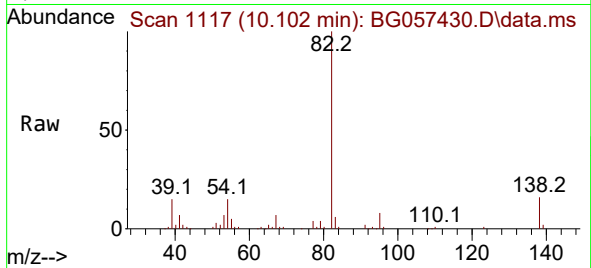
#25
Isophorone
Concen: 36.601 ng
RT: 10.102 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 13104
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 15.9 12.3 18.5

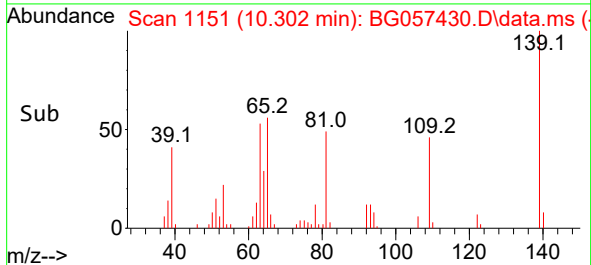
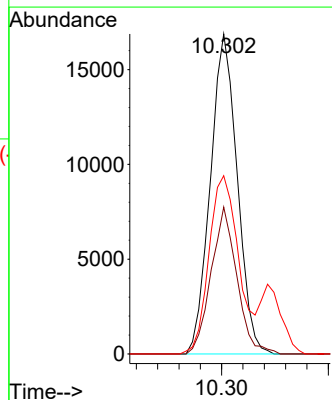
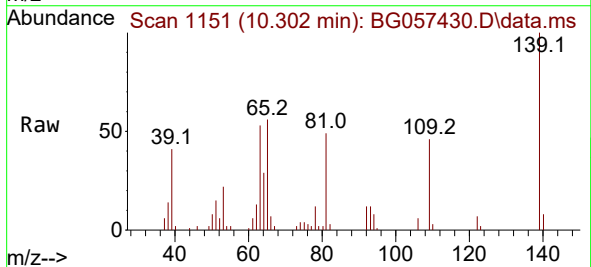
Manual Integrations
APPROVED

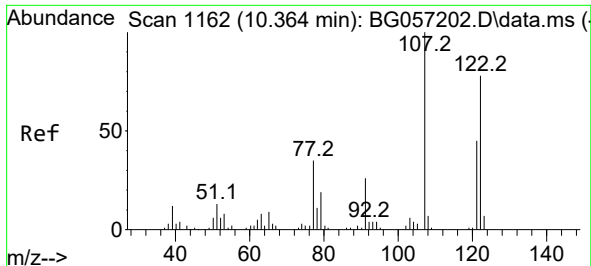
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 41.394 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:139 Resp: 29528
Ion Ratio Lower Upper
139 100
109 45.9 33.4 50.2
65 55.7 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 40.954 ng

RT: 10.343 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

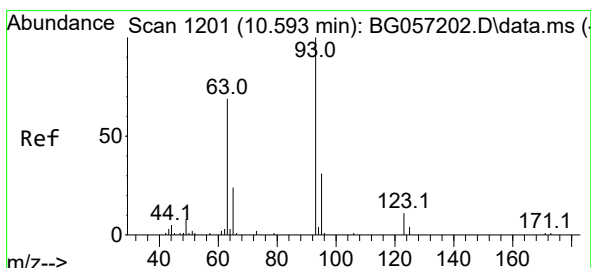
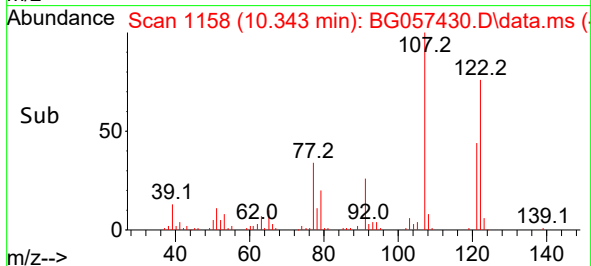
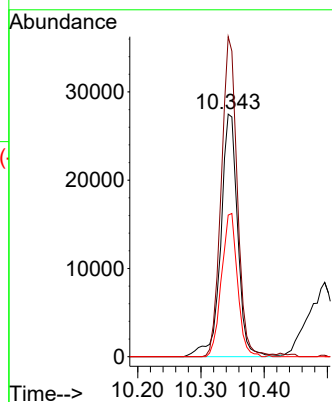
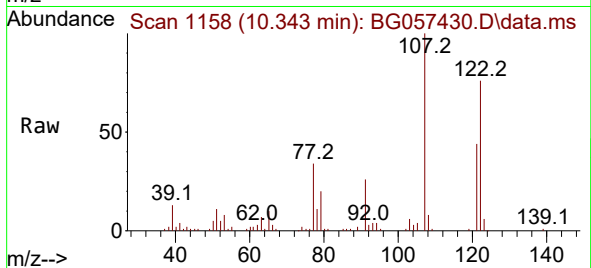
SSTDCCC040EC

Tgt Ion:	122	Resp:	51154
Ion	Ratio	Lower	Upper
122	100		
107	131.9	103.0	154.4
121	58.4	45.9	68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.577 ng

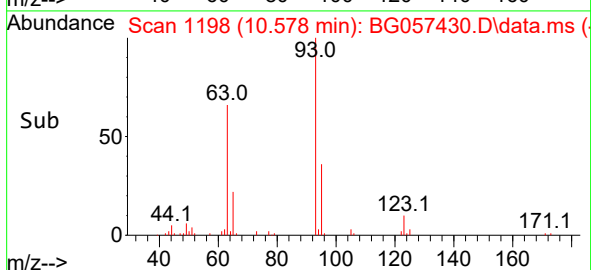
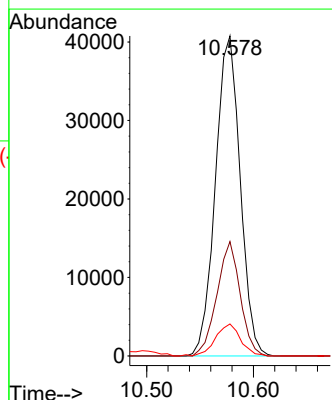
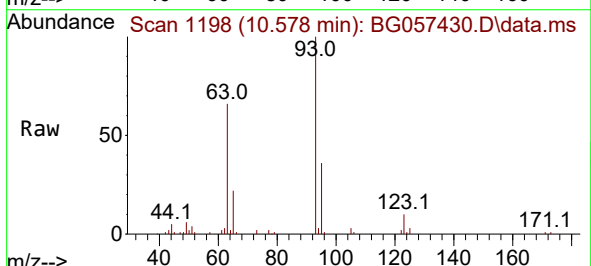
RT: 10.578 min Scan# 1198

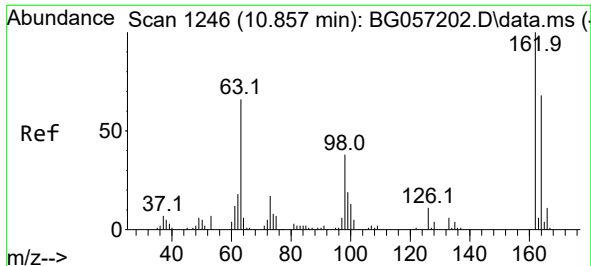
Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:	93	Resp:	65606
Ion	Ratio	Lower	Upper
93	100		
95	35.8	25.0	37.6
123	10.0	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 41.627 ng

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

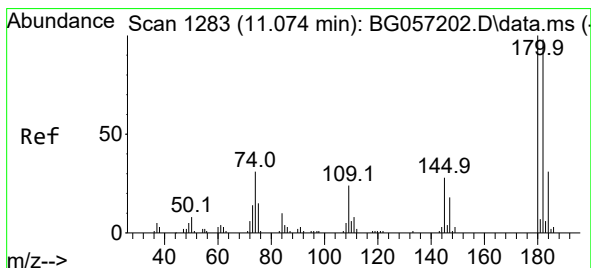
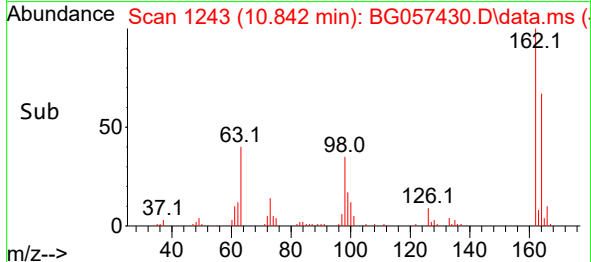
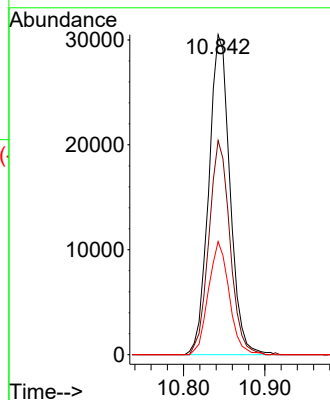
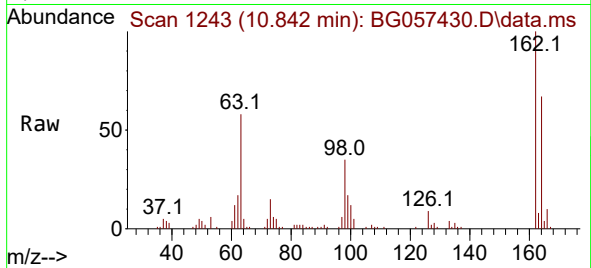
Tgt Ion:	162	Resp:	5514
Ion Ratio	Lower	Upper	
162	100		
164	66.9	48.4	88.4
98	35.4	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.008 ng

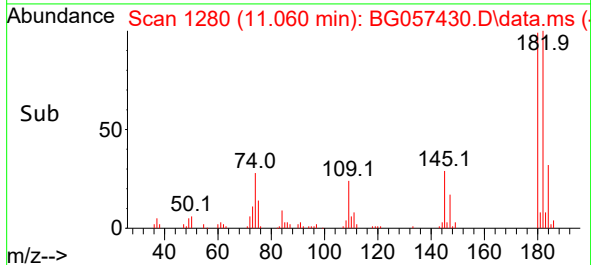
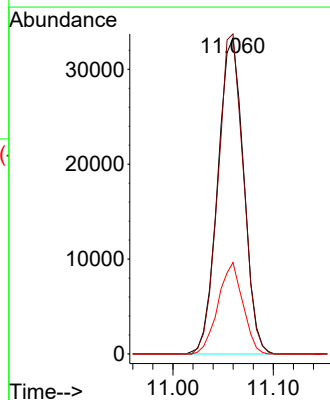
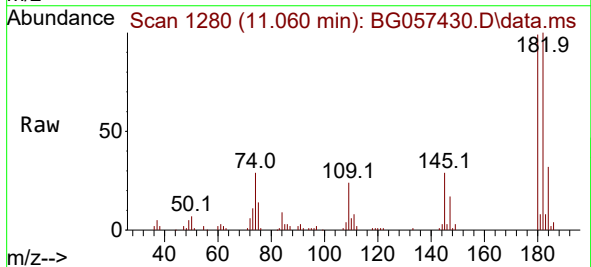
RT: 11.060 min Scan# 1280

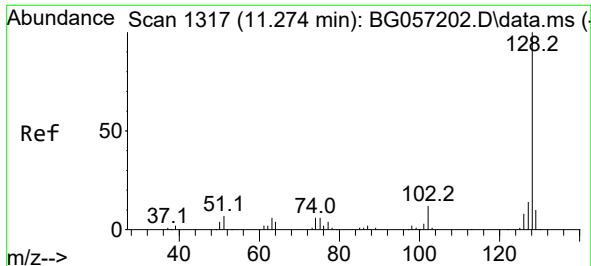
Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:	180	Resp:	59605
Ion Ratio	Lower	Upper	
180	100		
182	101.3	78.0	117.0
145	29.0	22.4	33.6





#31
Naphthalene
Concen: 38.722 ng
RT: 11.254 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

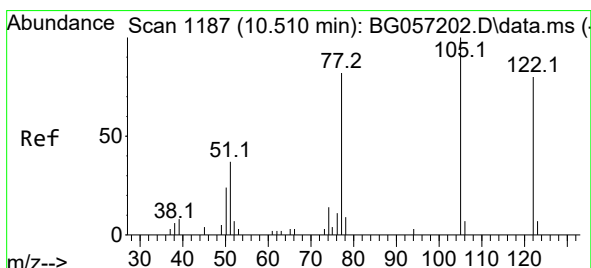
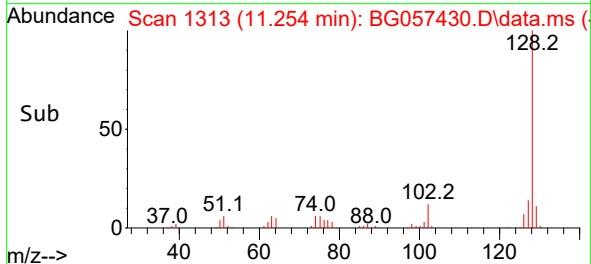
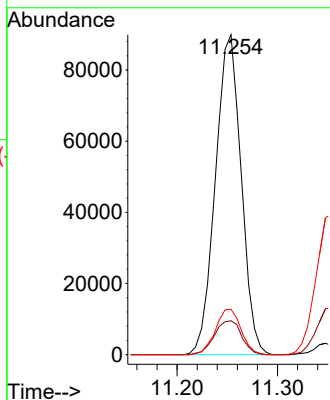
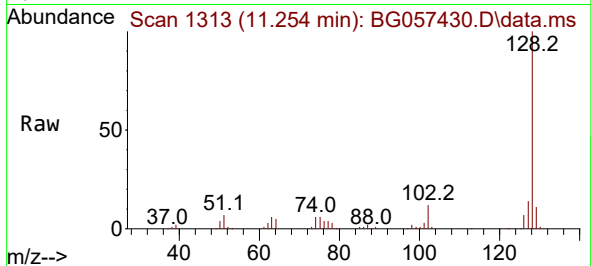
ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 160424
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 14.2 11.1 16.7

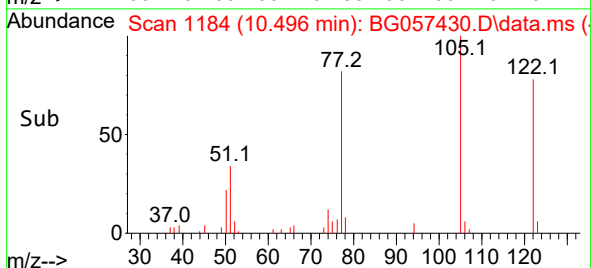
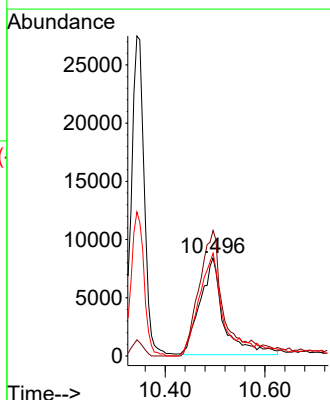
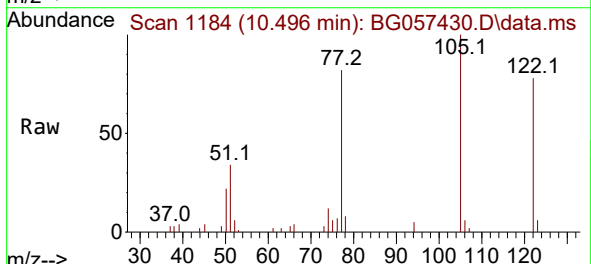
Manual Integrations
APPROVED

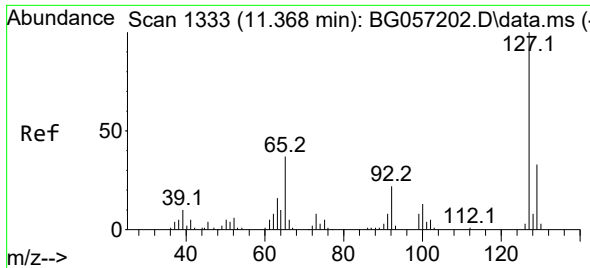
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 38.970 ng m
RT: 10.496 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:122 Resp: 27360
Ion Ratio Lower Upper
122 100
105 127.8 105.2 145.2
77 104.5 83.1 123.1





#33
4-Chloroaniline
Concen: 40.312 ng
RT: 11.354 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

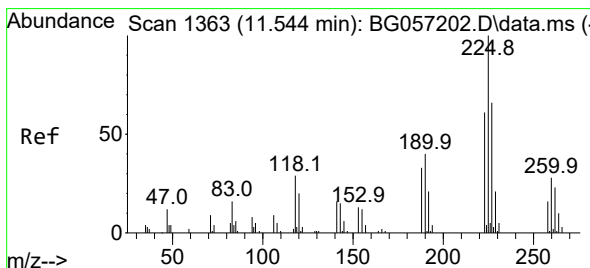
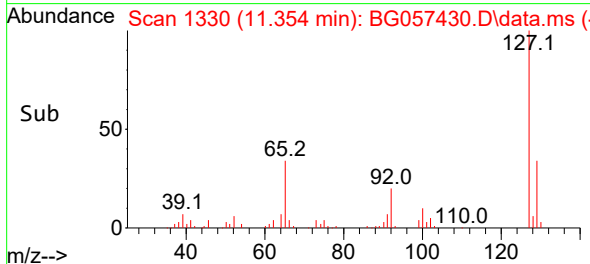
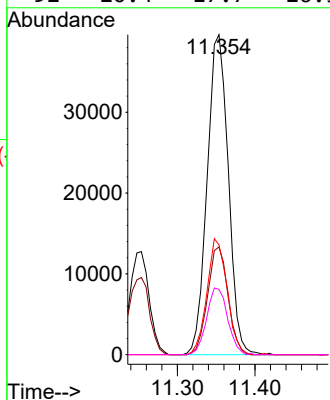
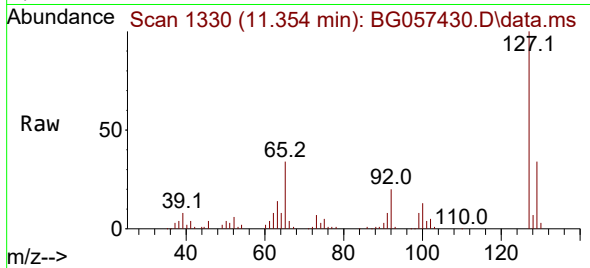
SSTDCCC040EC

Tgt Ion:127 Resp: 7500
Ion Ratio Lower Upper
127 100
129 33.6 26.7 40.1
65 34.3 29.7 44.5
92 20.4 17.7 26.5

Manual Integrations

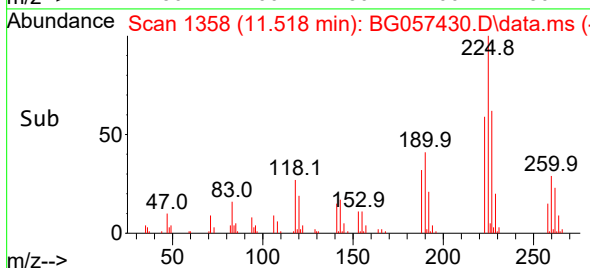
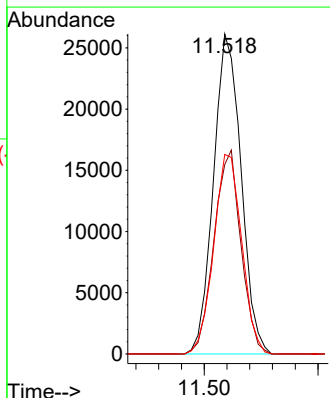
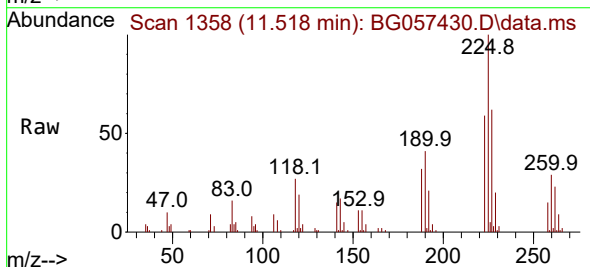
APPROVED

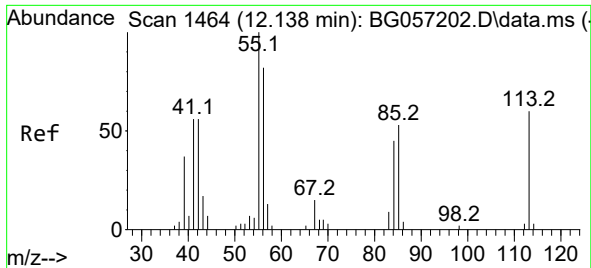
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#34
Hexachlorobutadiene
Concen: 38.814 ng
RT: 11.518 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

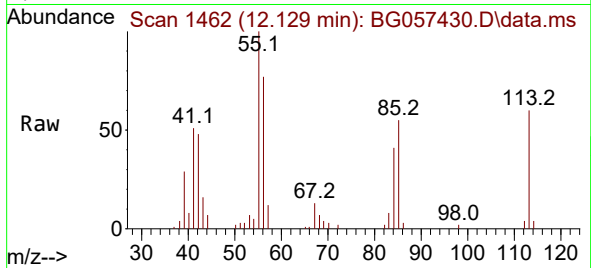
Tgt Ion:225 Resp: 44008
Ion Ratio Lower Upper
225 100
223 59.2 48.6 72.8
227 62.4 52.7 79.1





#35
Caprolactam
Concen: 39.517 ng
RT: 12.129 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

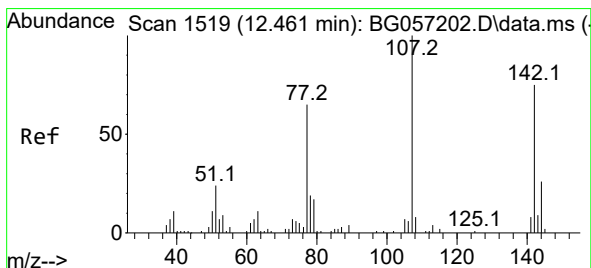
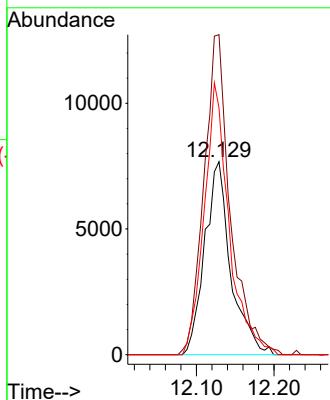
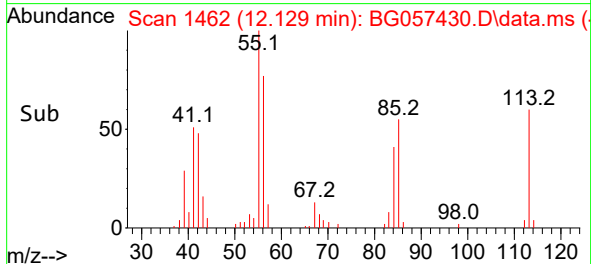
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



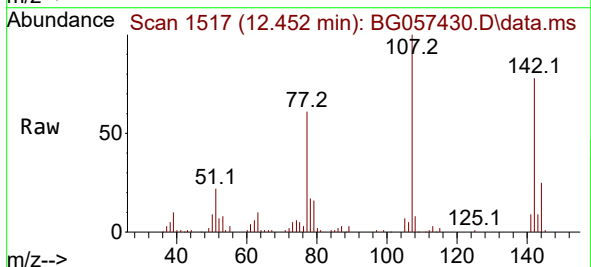
Tgt Ion:113 Resp: 1788
Ion Ratio Lower Upper
113 100
55 165.9 145.5 185.5
56 127.9 115.9 155.9

Manual Integrations
APPROVED

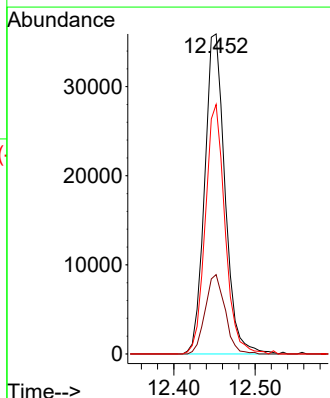
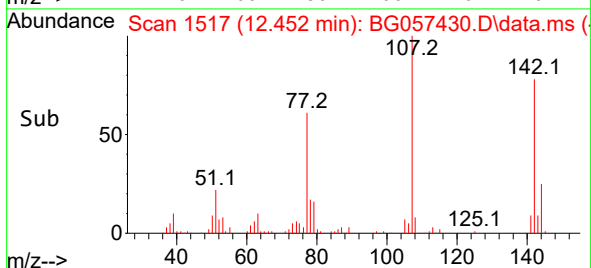
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

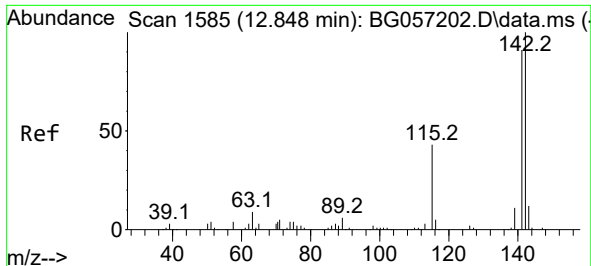


#36
4-Chloro-3-methylphenol
Concen: 41.446 ng
RT: 12.452 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:107 Resp: 62397
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 78.0 60.0 90.0





#37

2-Methylnaphthalene

Concen: 40.420 ng

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

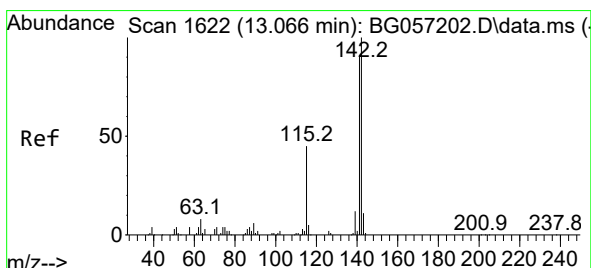
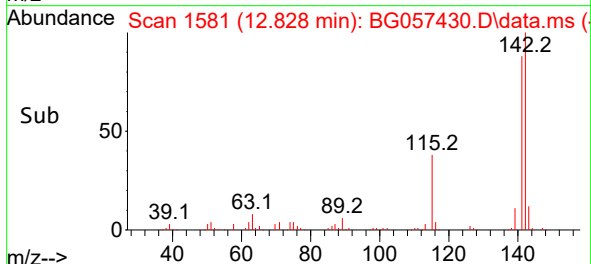
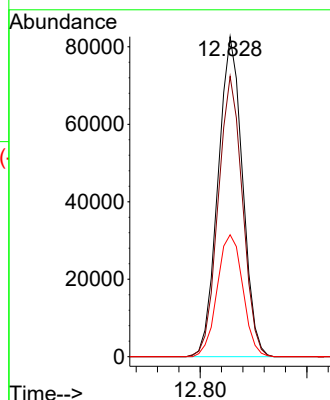
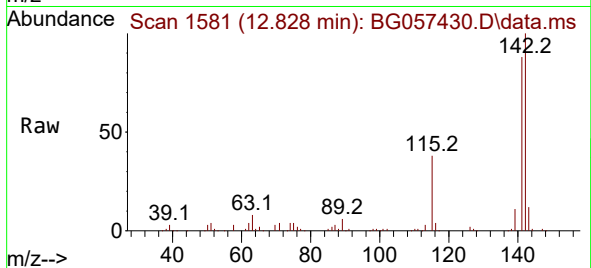
SSTDCCC040EC

Tgt Ion:142	Resp:	13166
Ion Ratio	Lower	Upper
142	100	
141	87.6	73.1 109.7
115	38.1	34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 39.963 ng

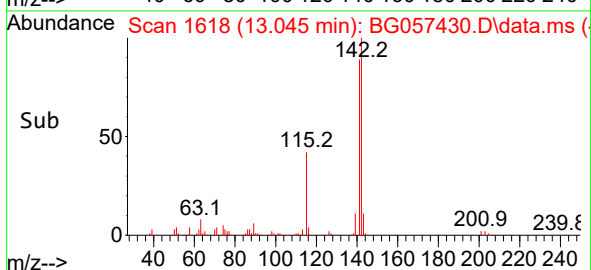
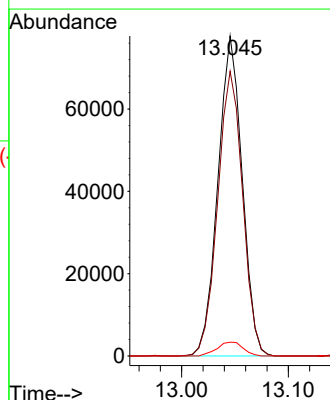
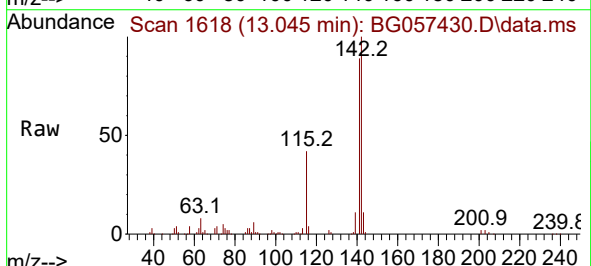
RT: 13.045 min Scan# 1618

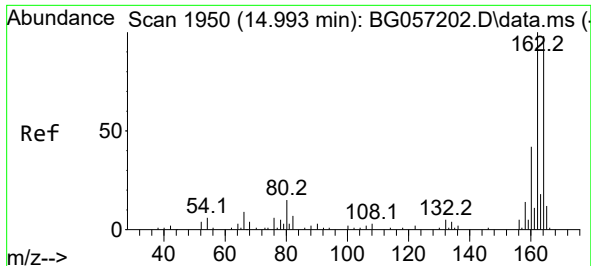
Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:142	Resp:	122695
Ion Ratio	Lower	Upper
142	100	
141	89.0	72.5 108.7
116	4.3	3.7 5.5





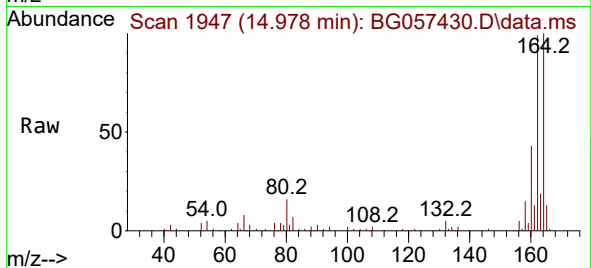
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

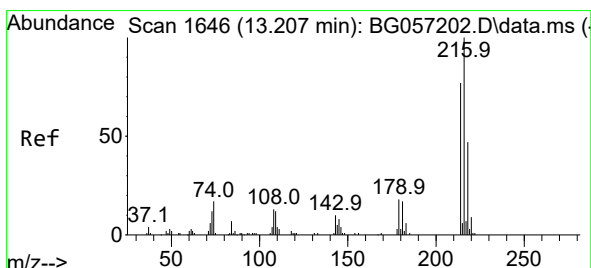
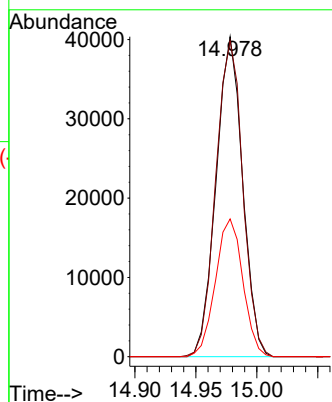
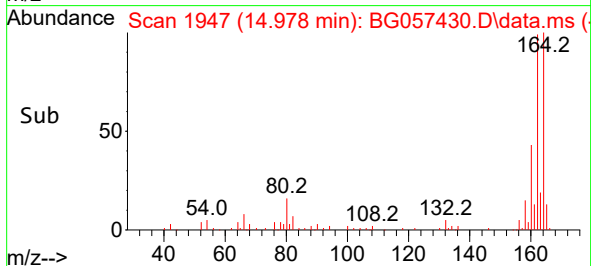


Tgt Ion:164 Resp: 60917
Ion Ratio Lower Upper
164 100
162 98.7 81.8 122.6
160 43.1 34.6 52.0

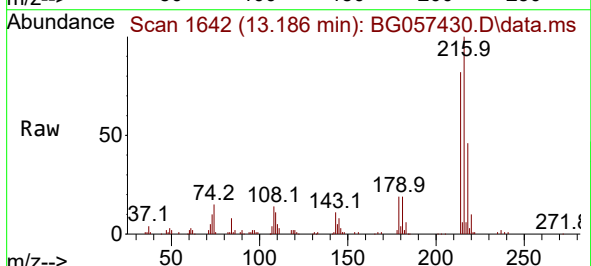
Manual Integrations

APPROVED

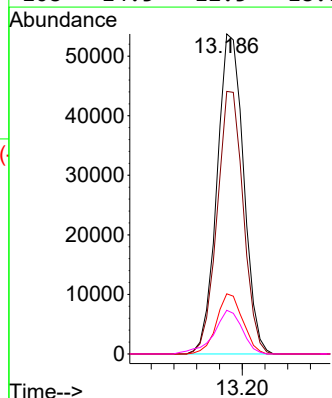
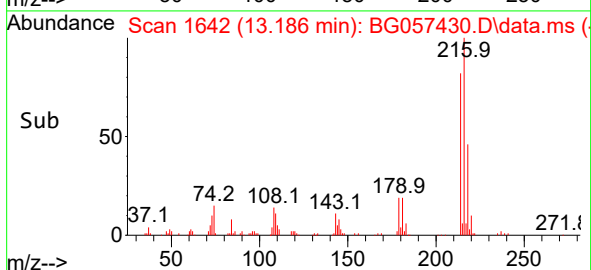
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

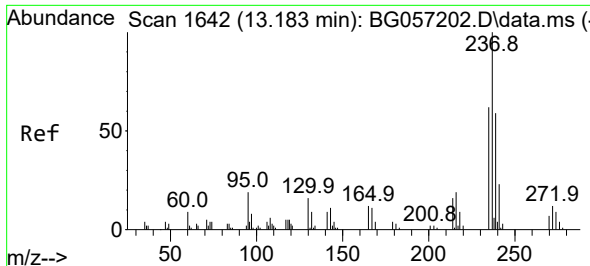


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.332 ng
RT: 13.186 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



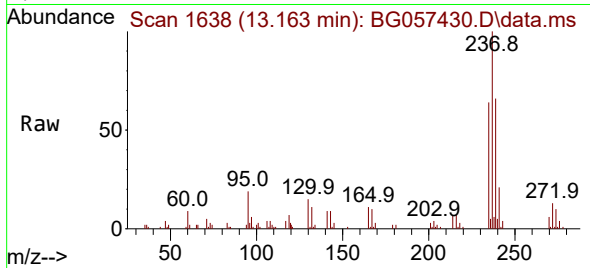
Tgt Ion:216 Resp: 87222
Ion Ratio Lower Upper
216 100
214 80.6 63.7 95.5
179 18.4 14.6 22.0
108 14.5 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 40.939 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

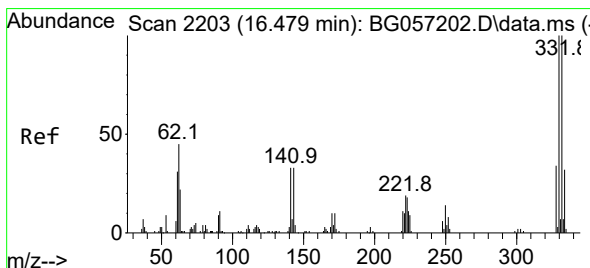
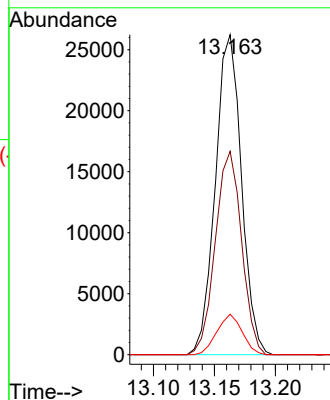
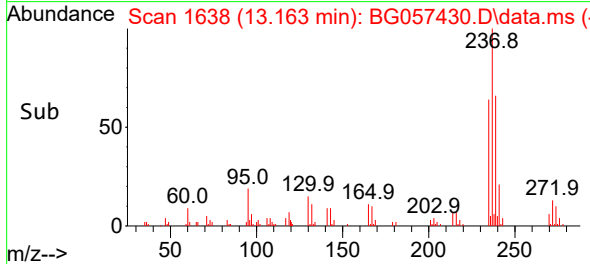
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



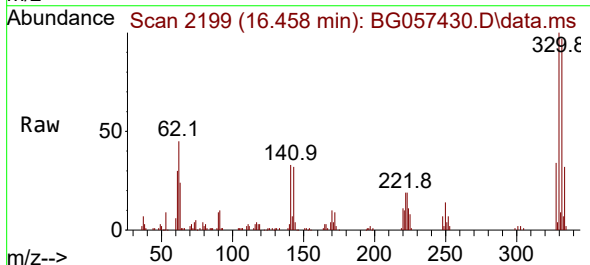
Tgt Ion:237 Resp: 3908
Ion Ratio Lower Upper
237 100
235 63.6 42.0 82.0
272 12.6 0.0 31.5

Manual Integrations
APPROVED

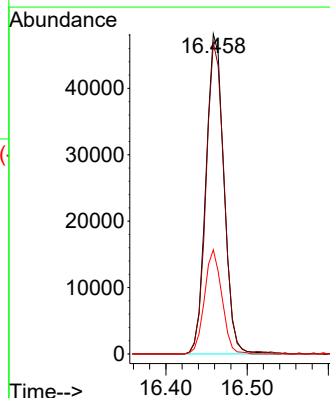
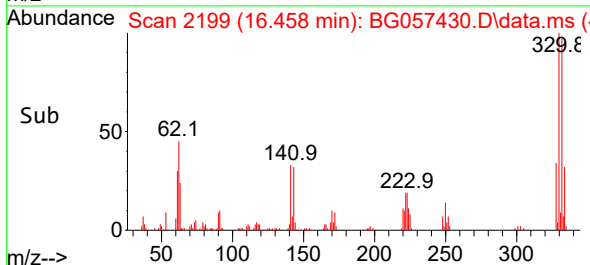
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

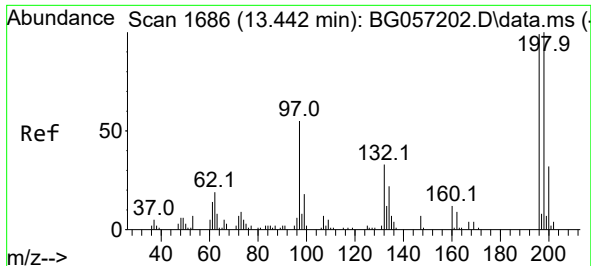


#42
2,4,6-Tribromophenol
Concen: 85.341 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:330 Resp: 73764
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 31.5 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 41.108 ng
RT: 13.427 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

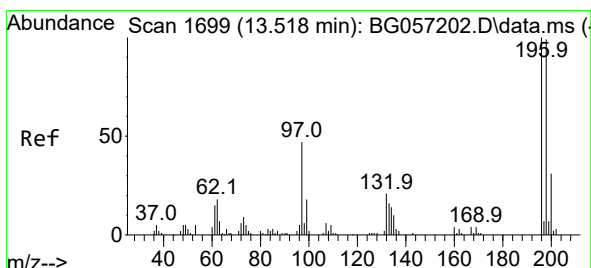
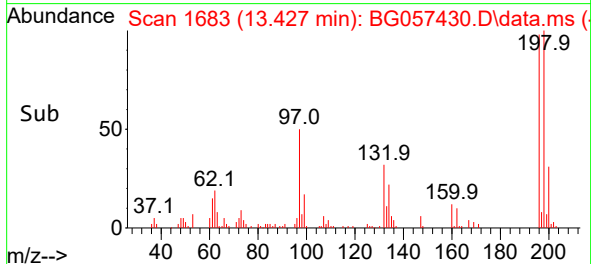
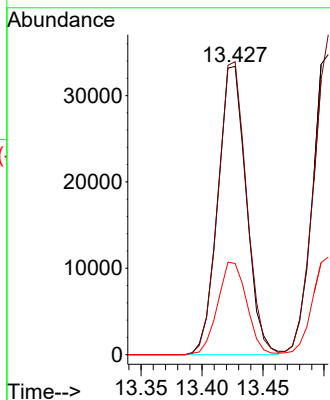
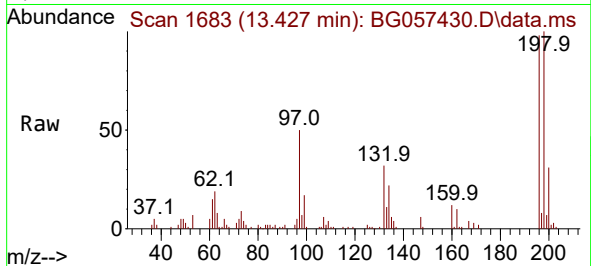
ClientSampleId :

SSTDCCC040EC

Tgt Ion:196 Resp: 5416
Ion Ratio Lower Upper
196 100
198 101.6 81.2 121.8
200 31.7 26.3 39.5

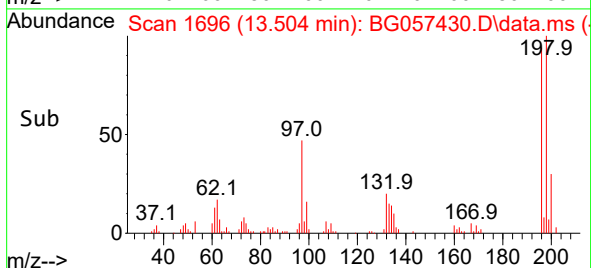
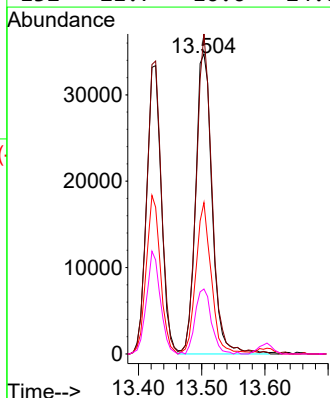
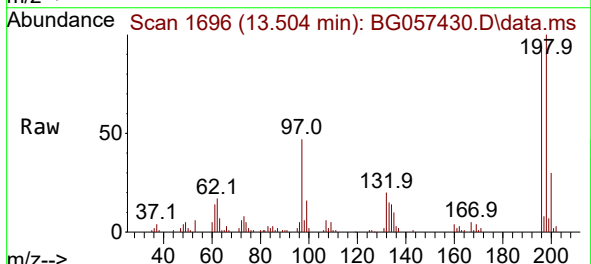
Manual Integrations
APPROVED

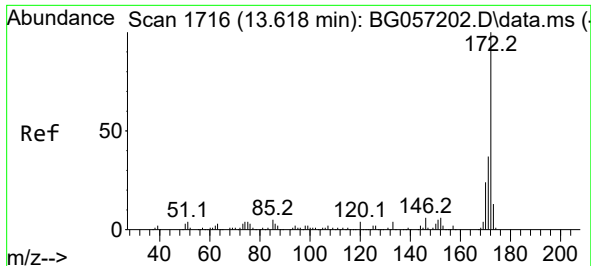
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 40.907 ng
RT: 13.504 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

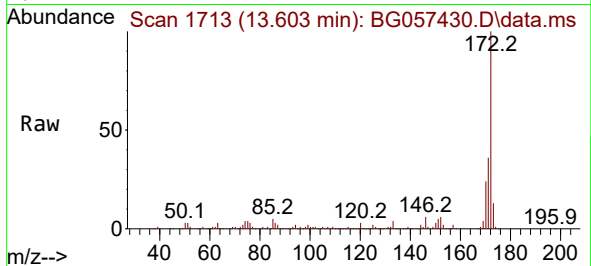
Tgt Ion:196 Resp: 63398
Ion Ratio Lower Upper
196 100
198 106.6 79.4 119.2
97 50.4 37.0 55.4
132 21.7 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 79.475 ng
RT: 13.603 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

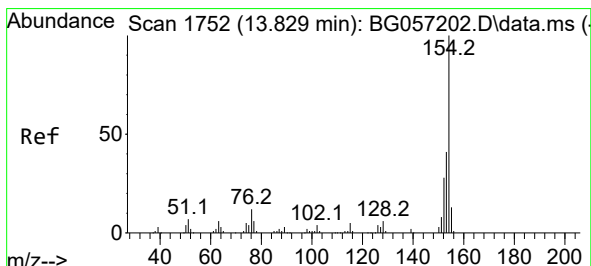
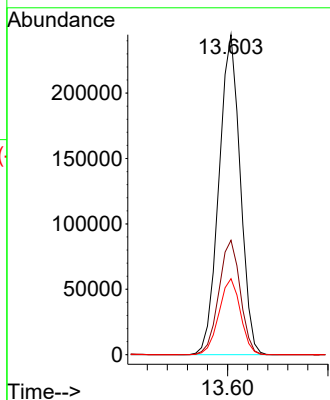
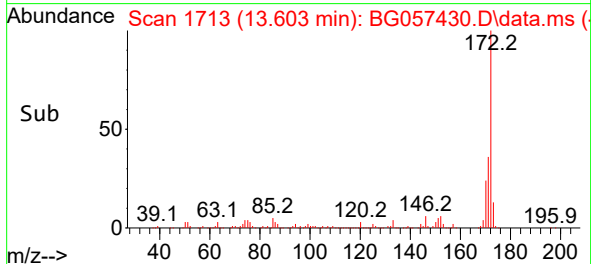
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



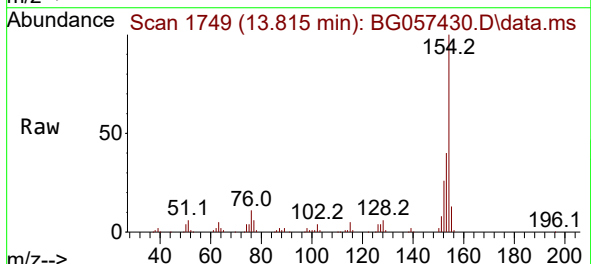
Tgt Ion:172 Resp: 359472
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.7 19.0 28.6

Manual Integrations
APPROVED

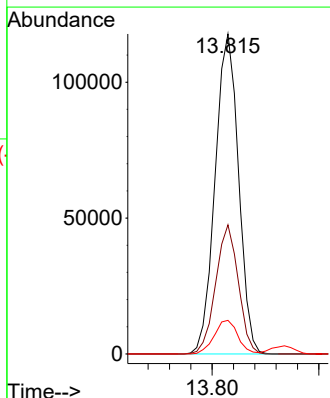
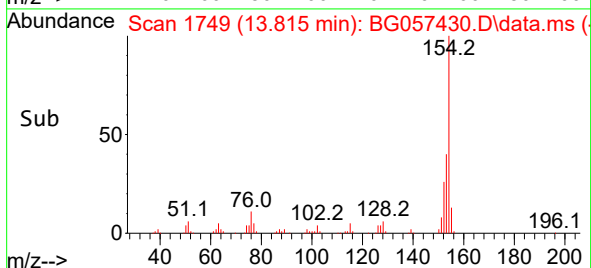
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 39.639 ng
RT: 13.815 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



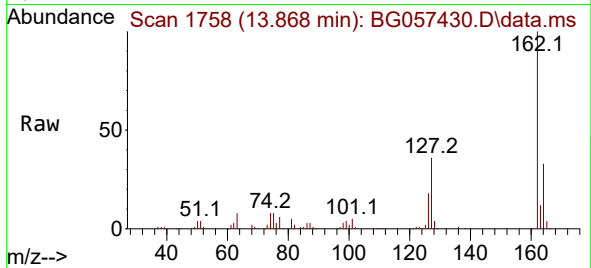
Tgt Ion:154 Resp: 179177
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 10.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 39.560 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

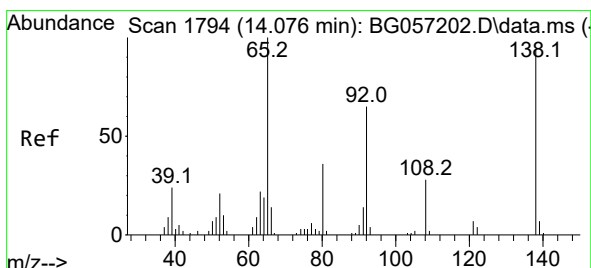
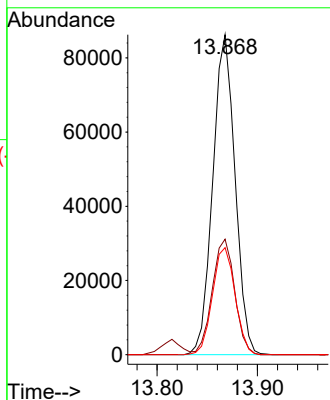
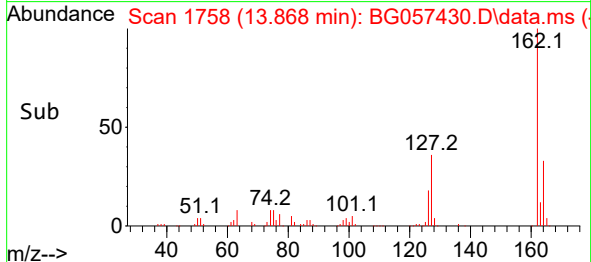
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 132975
Ion Ratio Lower Upper
162 100
127 36.1 29.8 44.6
164 33.5 26.6 40.0

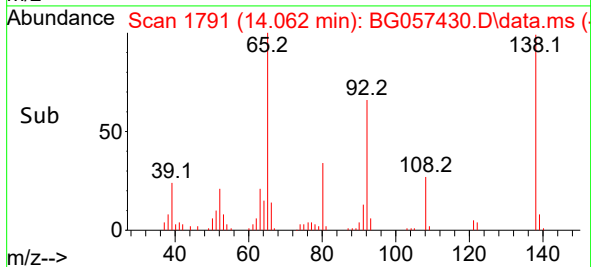
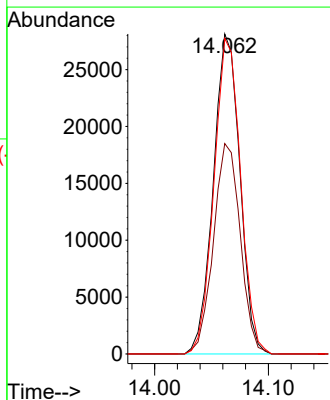
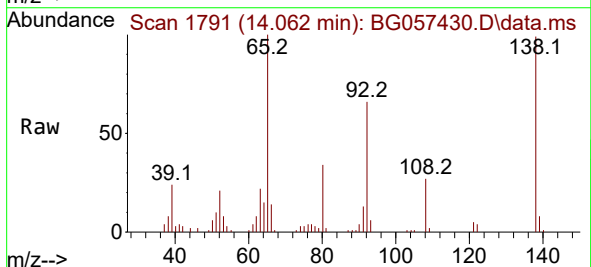
Manual Integrations
APPROVED

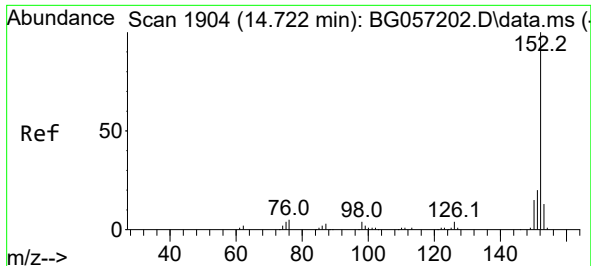
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 39.861 ng
RT: 14.062 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion: 65 Resp: 45558
Ion Ratio Lower Upper
65 100
92 65.7 52.1 78.1
138 98.6 75.3 112.9





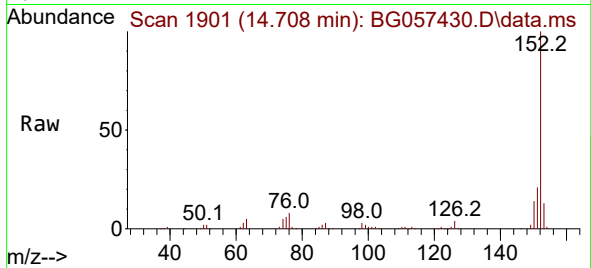
#49
Acenaphthylene
Concen: 39.871 ng
RT: 14.708 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

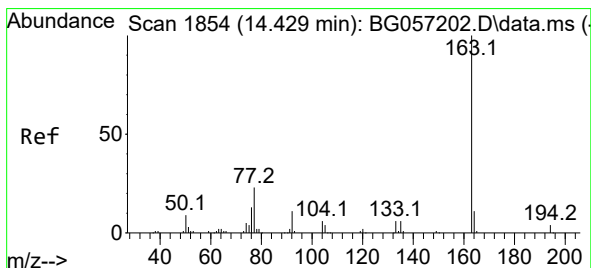
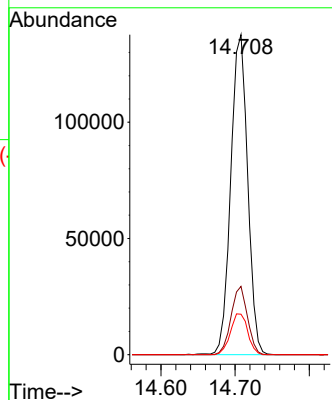


Tgt Ion:152 Resp: 217730
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 12.7 10.7 16.1

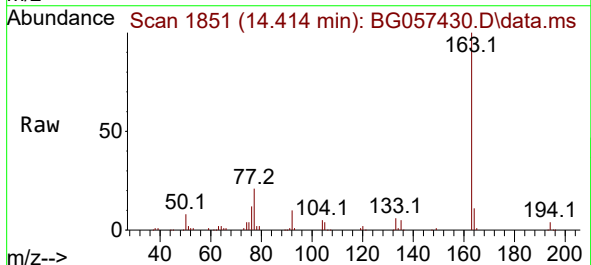
Manual Integrations

APPROVED

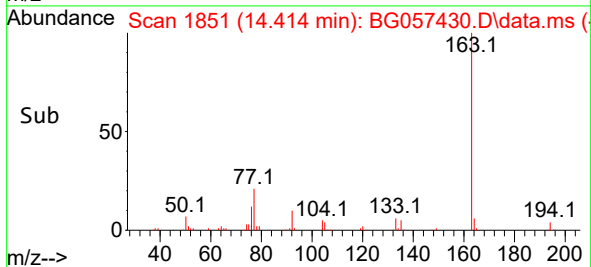
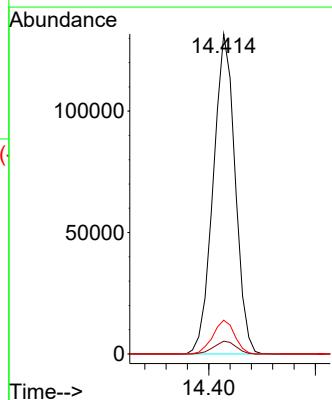
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

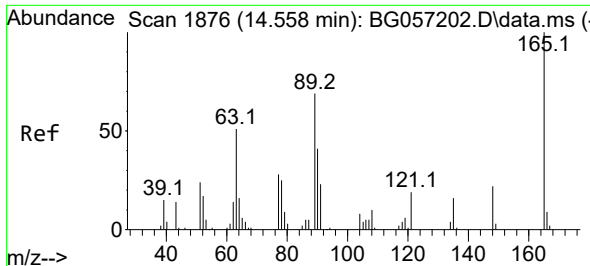


#50
Dimethylphthalate
Concen: 37.480 ng
RT: 14.414 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:163 Resp: 187623
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 41.738 ng
RT: 14.543 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

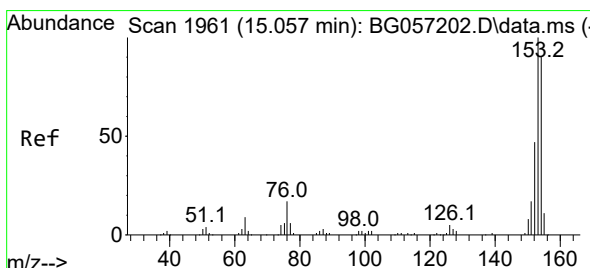
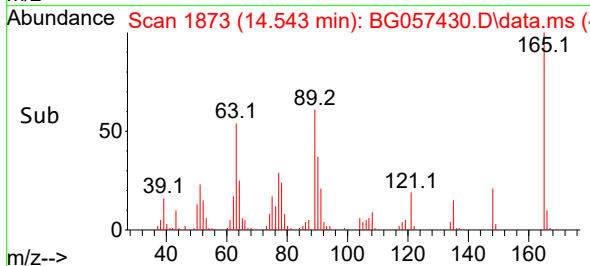
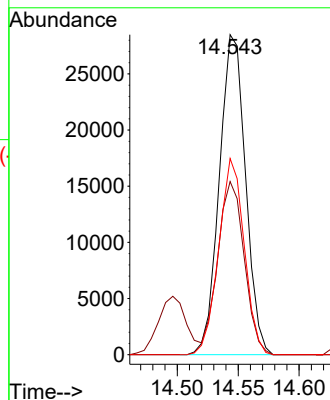
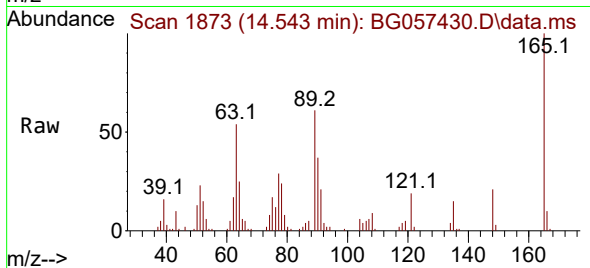
SSTDCCC040EC

Tgt Ion:165 Resp: 42659
Ion Ratio Lower Upper
165 100
63 54.1 50.9 76.3
89 61.3 55.2 82.8

Manual Integrations

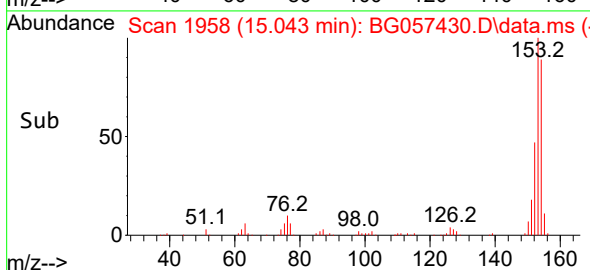
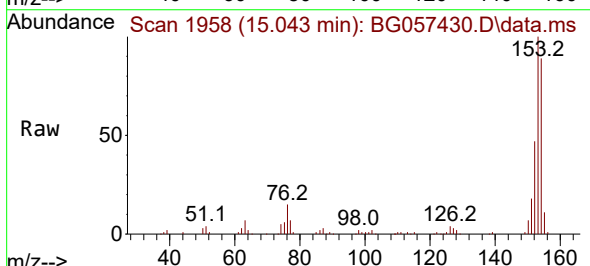
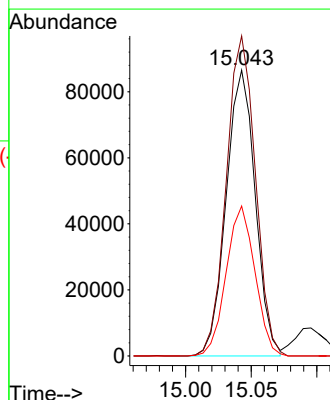
APPROVED

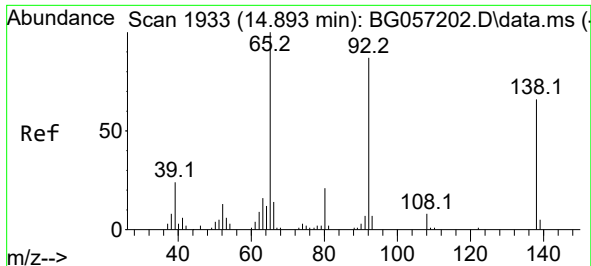
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 39.029 ng
RT: 15.043 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:154 Resp: 133184
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 52.5 41.7 62.5





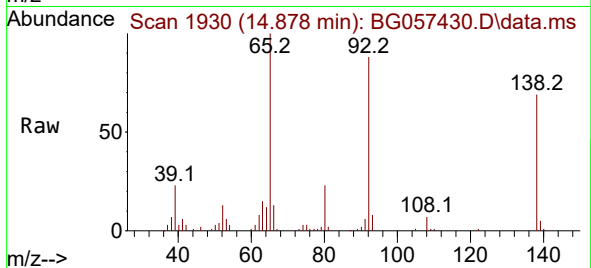
#53
3-Nitroaniline
Concen: 39.161 ng
RT: 14.878 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

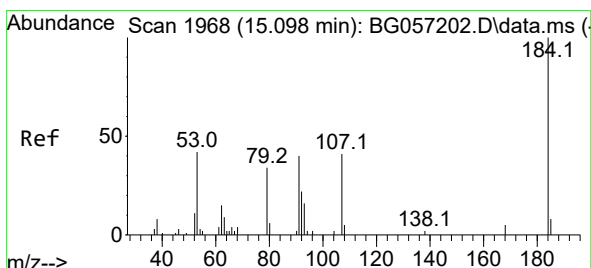
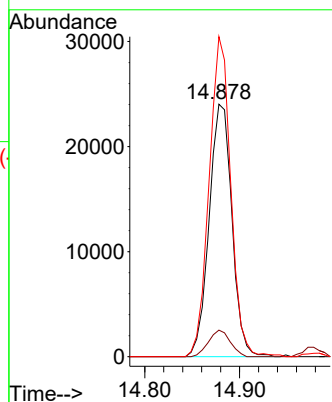
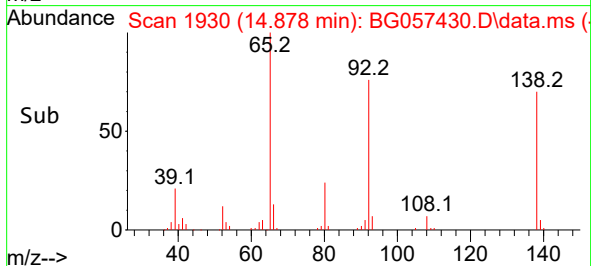


Tgt Ion:138 Resp: 40098
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 126.7 106.2 159.4

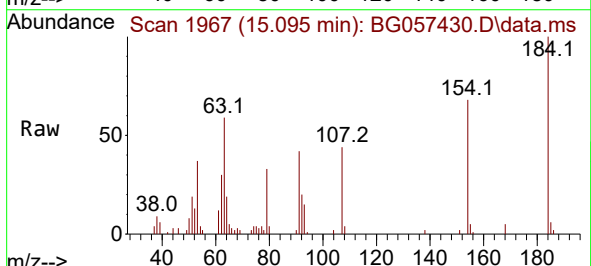
Manual Integrations

APPROVED

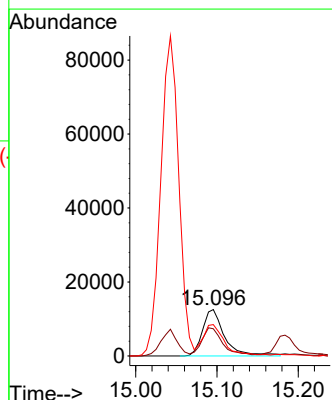
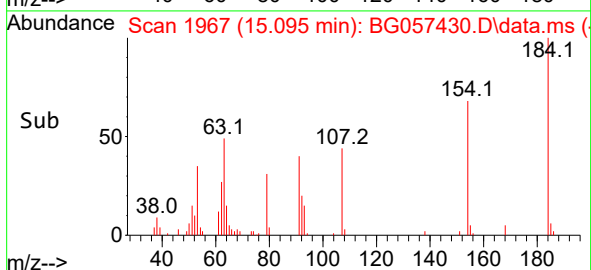
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

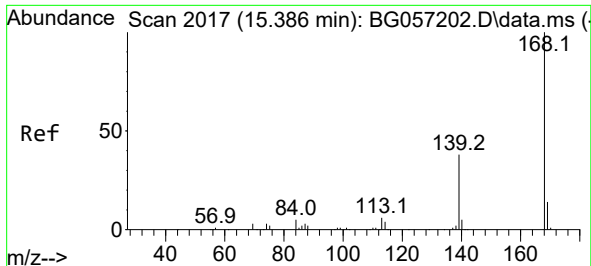


#54
2,4-Dinitrophenol
Concen: 40.047 ng
RT: 15.095 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:184 Resp: 23692
Ion Ratio Lower Upper
184 100
63 58.6 48.2 72.4
154 67.8 55.4 83.2





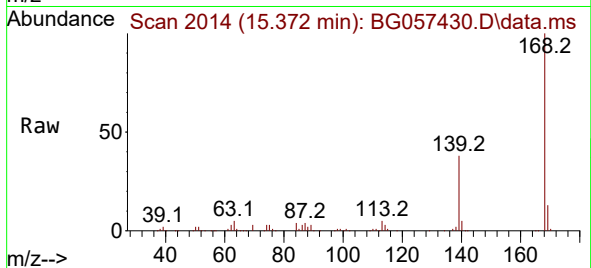
#55
Dibenzenofuran
Concen: 39.745 ng
RT: 15.372 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

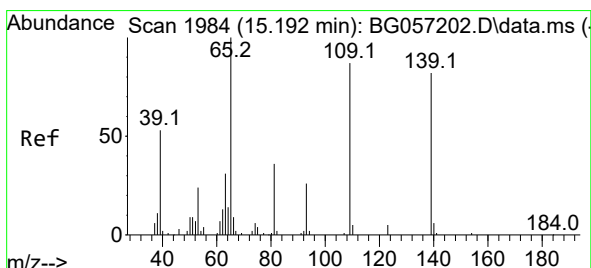
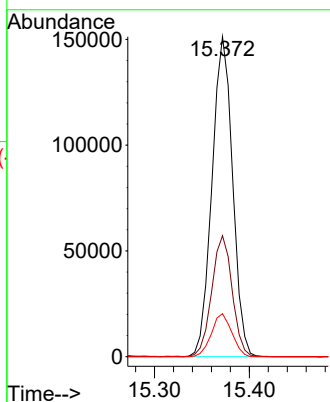
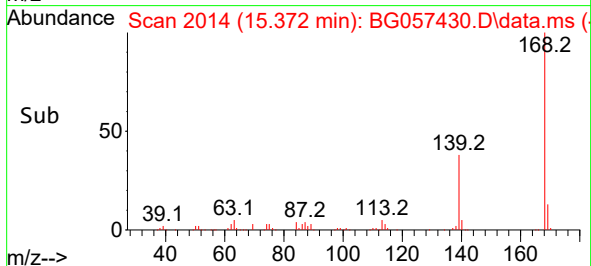


Tgt Ion:168 Resp: 22788
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.4 10.9 16.3

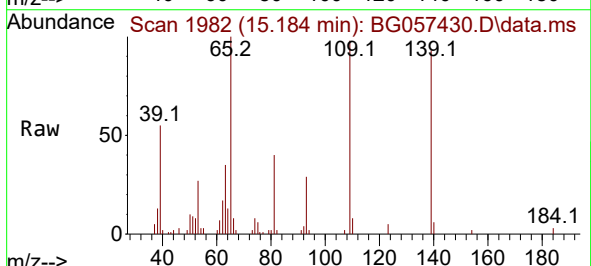
Manual Integrations

APPROVED

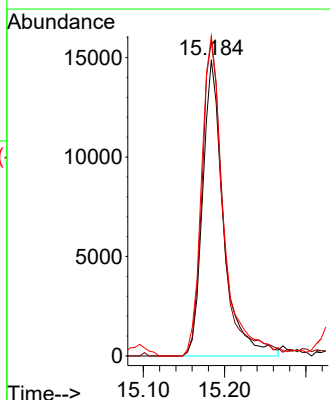
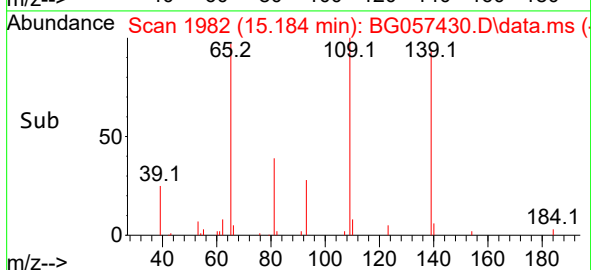
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

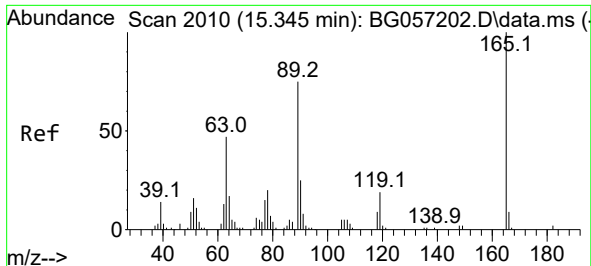


#56
4-Nitrophenol
Concen: 38.854 ng
RT: 15.184 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:139 Resp: 26460
Ion Ratio Lower Upper
139 100
109 106.3 86.6 126.6
65 108.1 102.6 142.6





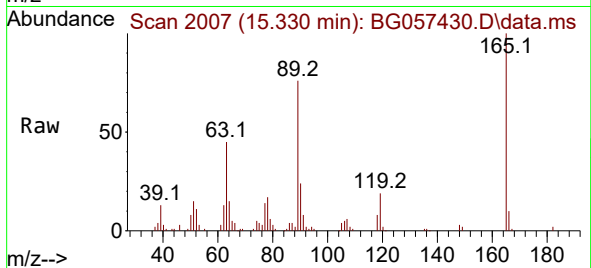
#57
2,4-Dinitrotoluene
Concen: 40.710 ng
RT: 15.330 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

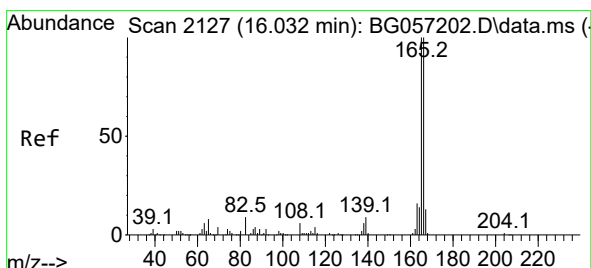
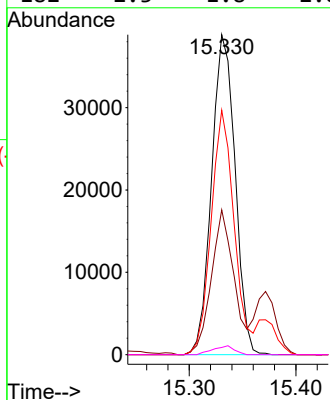
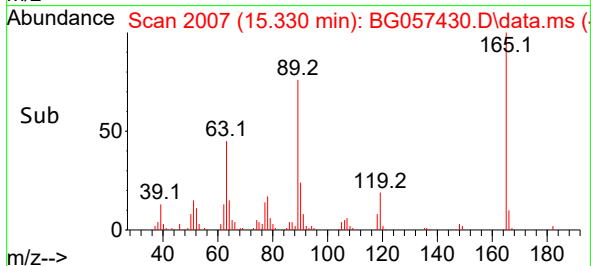


Tgt Ion:165 Resp: 5946
Ion Ratio Lower Upper
165 100
63 45.3 37.5 56.3
89 76.4 60.2 90.4
182 2.3 1.8 2.8

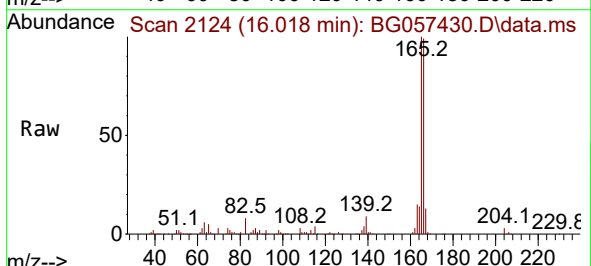
Manual Integrations

APPROVED

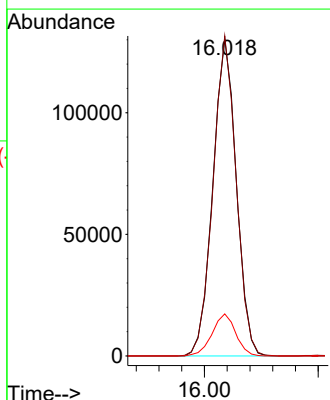
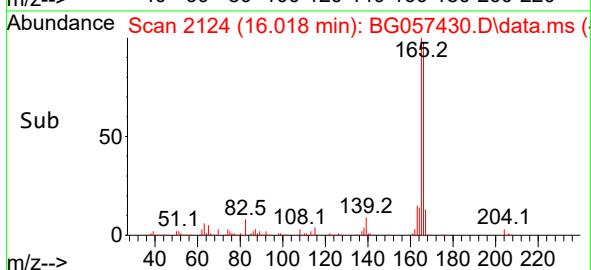
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

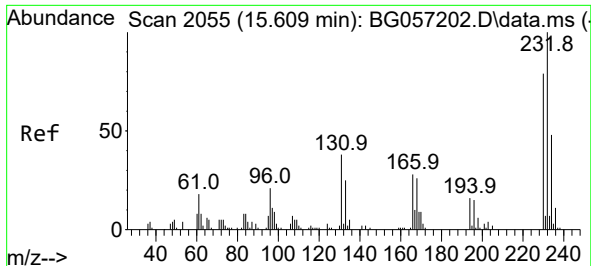


#58
Fluorene
Concen: 39.503 ng
RT: 16.018 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:166 Resp: 186559
Ion Ratio Lower Upper
166 100
165 100.9 80.1 120.1
167 13.3 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.536 ng
RT: 15.595 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

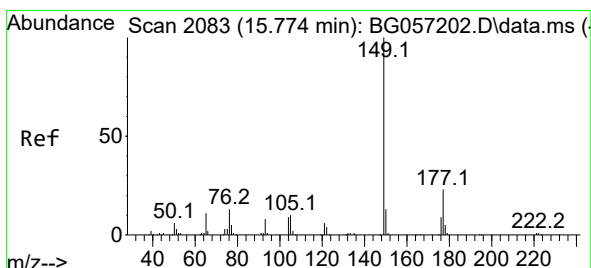
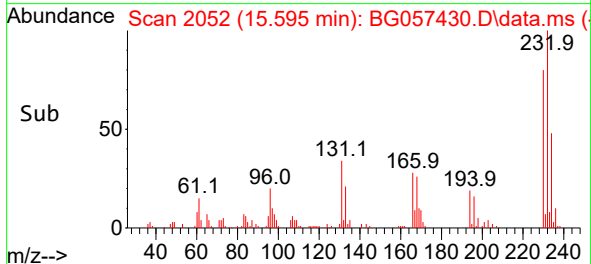
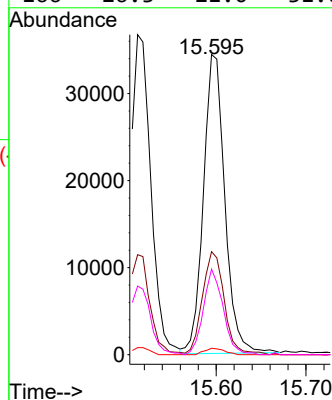
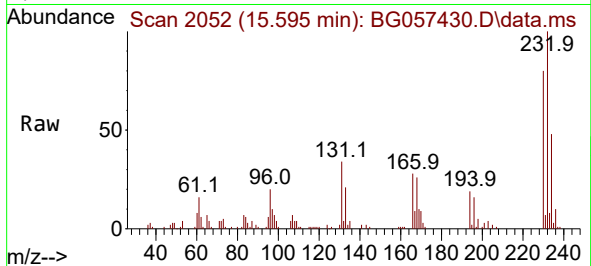
SSTDCCC040EC

Tgt Ion:232 Resp: 56950
Ion Ratio Lower Upper
232 100
131 35.2 28.6 42.8
130 2.0 1.6 2.4
166 26.3 21.0 31.6

Manual Integrations

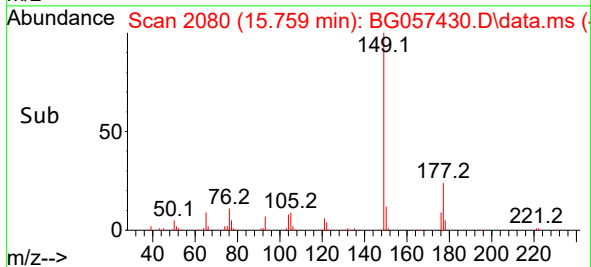
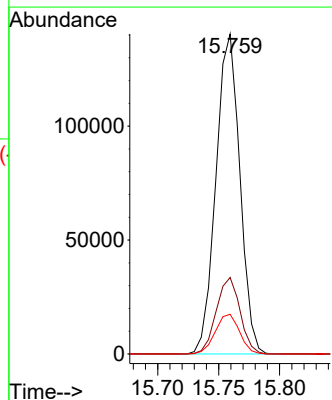
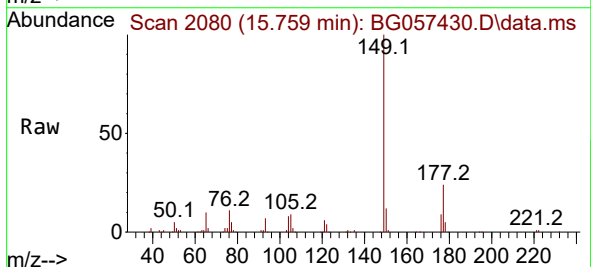
APPROVED

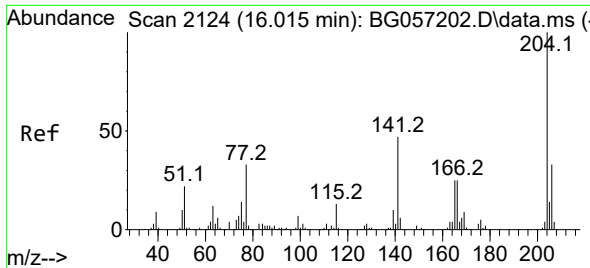
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 37.713 ng
RT: 15.759 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:149 Resp: 191721
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 12.4 10.1 15.1





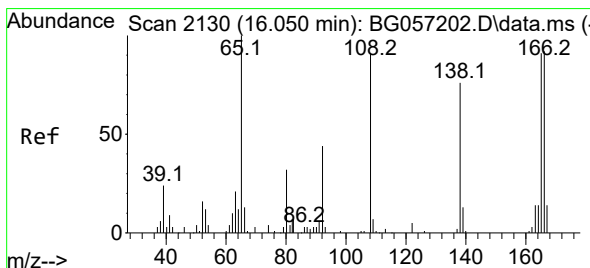
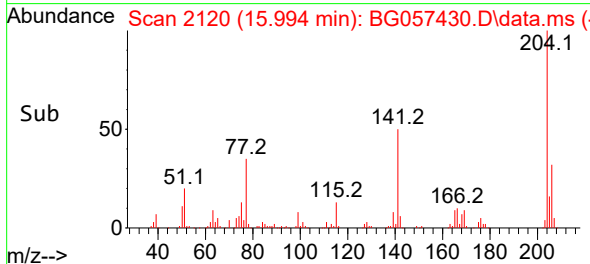
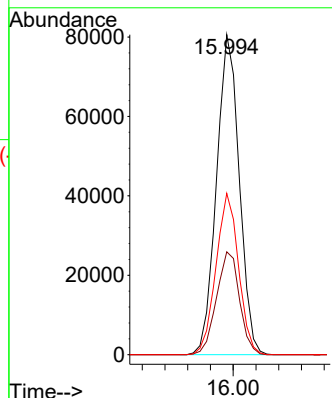
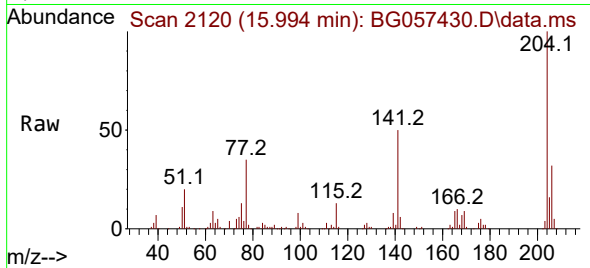
#61
4-Chlorophenyl-phenylether
Concen: 39.330 ng
RT: 15.994 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 111898
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 50.4 37.4 56.0

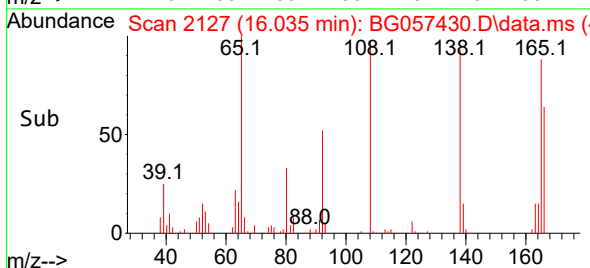
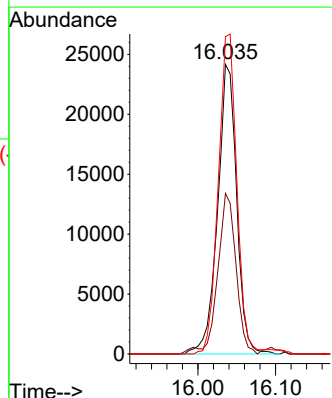
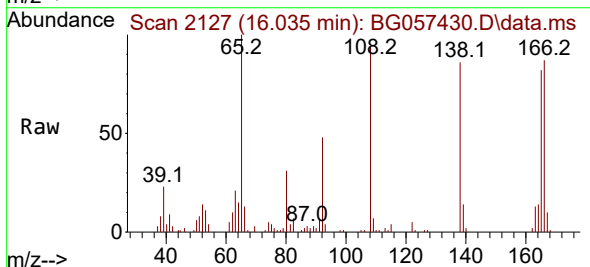
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 39.937 ng
RT: 16.035 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:138 Resp: 41254
Ion Ratio Lower Upper
138 100
92 55.5 38.2 78.2
108 109.6 99.6 139.6





#63
Azobenzene
Concen: 35.780 ng
RT: 16.288 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

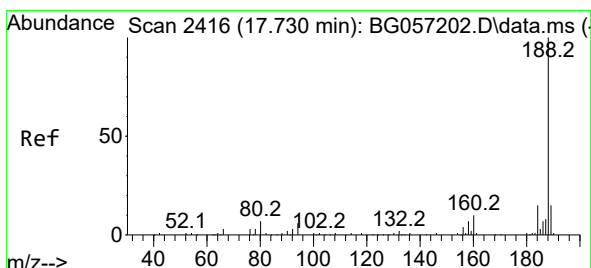
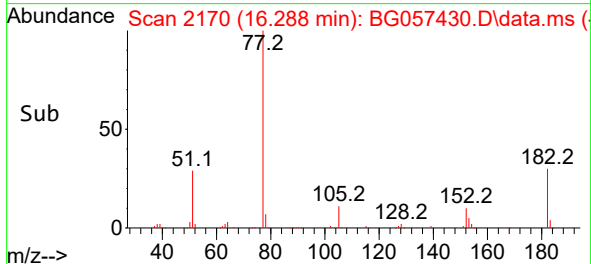
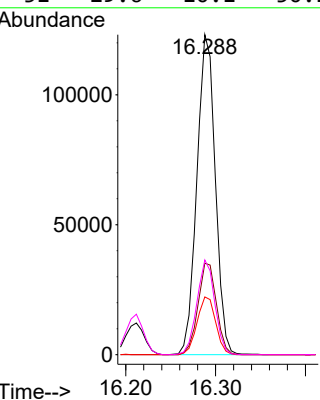
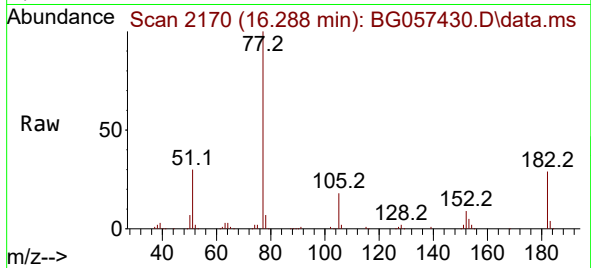
SSTDCCC040EC

Tgt Ion: 77 Resp: 17550
Ion Ratio Lower Upper
77 100
182 28.6 7.4 47.4
105 18.1 0.0 37.2
51 29.6 10.1 50.1

Manual Integrations

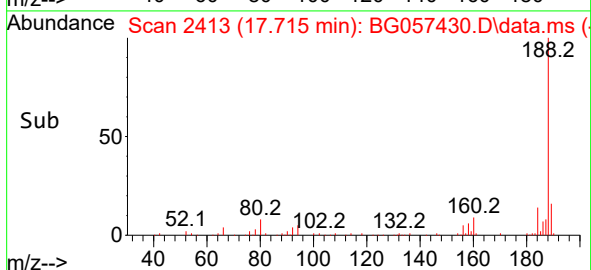
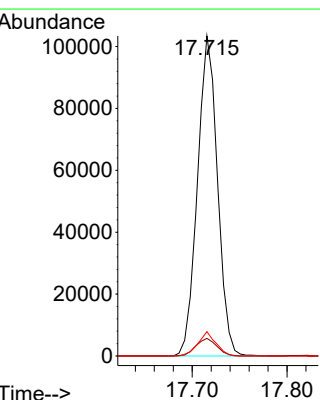
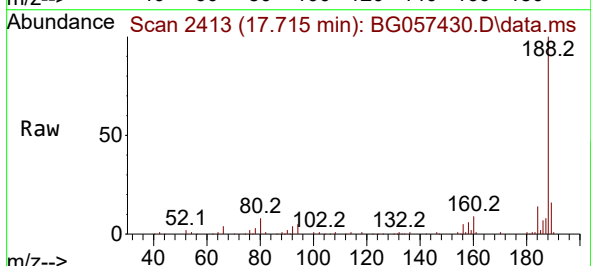
APPROVED

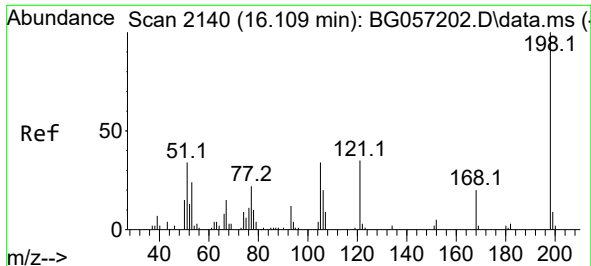
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:188 Resp: 151813
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 7.6 5.7 8.5





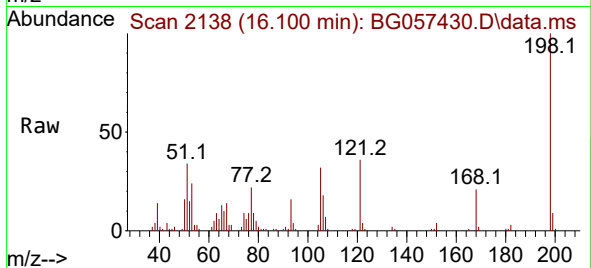
#65
4,6-Dinitro-2-methylphenol
Concen: 43.816 ng
RT: 16.100 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

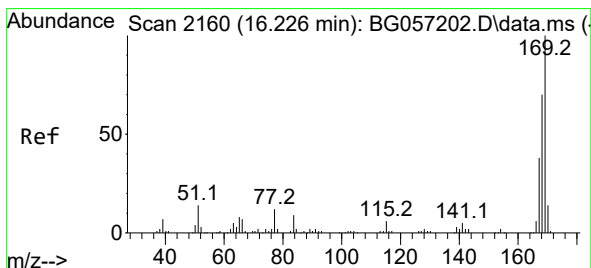
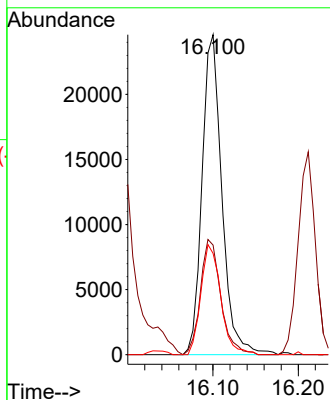
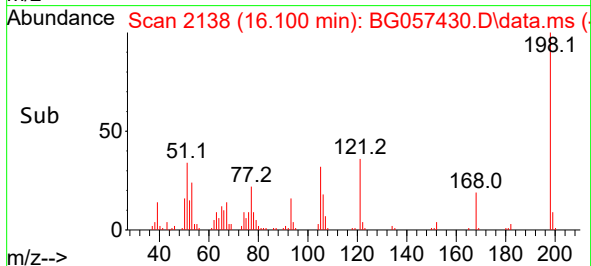


Tgt Ion:198 Resp: 39714
Ion Ratio Lower Upper
198 100
51 34.3 16.1 56.1
105 31.6 14.0 54.0

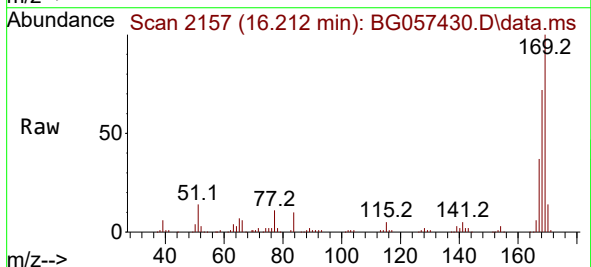
Manual Integrations

APPROVED

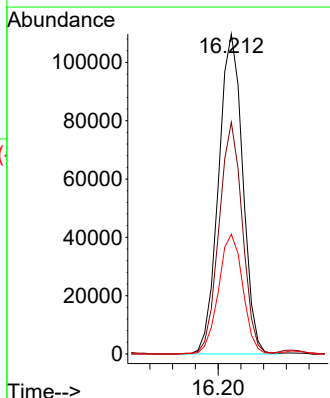
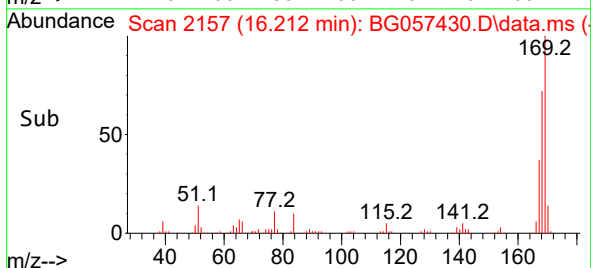
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 39.275 ng
RT: 16.212 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:169 Resp: 161940
Ion Ratio Lower Upper
169 100
168 72.4 56.2 84.4
167 37.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 39.792 ng
RT: 16.887 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

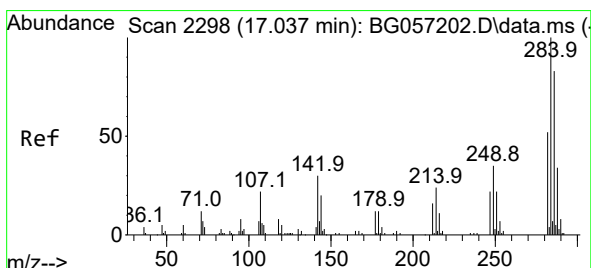
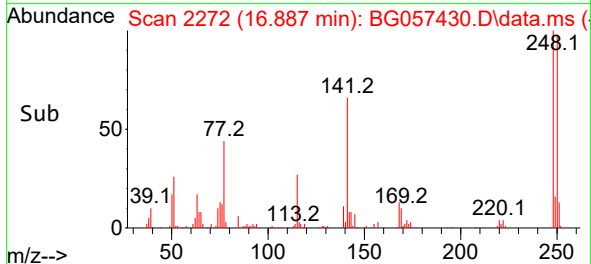
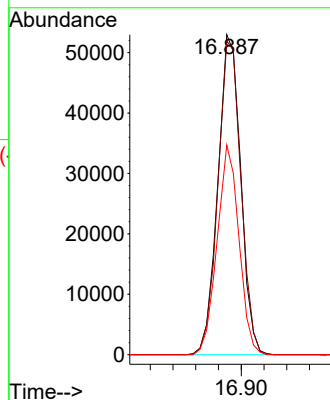
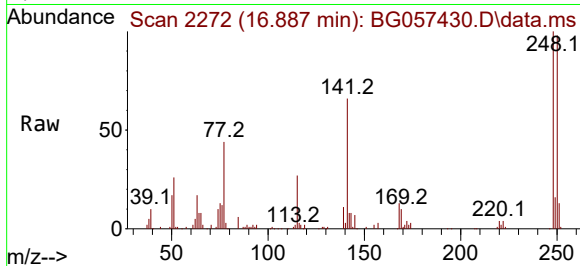
SSTDCCC040EC

Tgt Ion:248 Resp: 73744
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.6
141 65.5 48.6 72.8

Manual Integrations

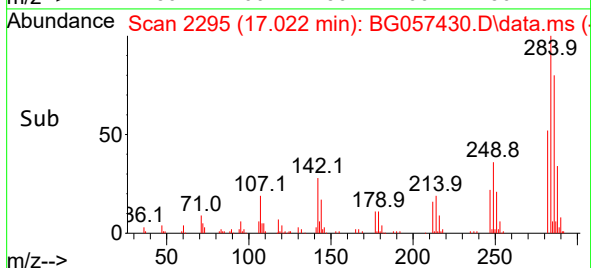
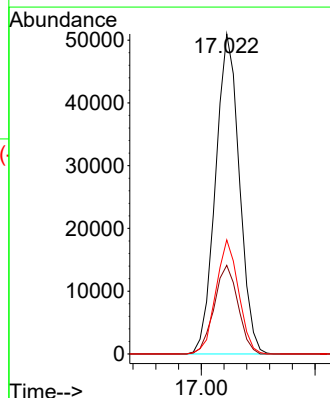
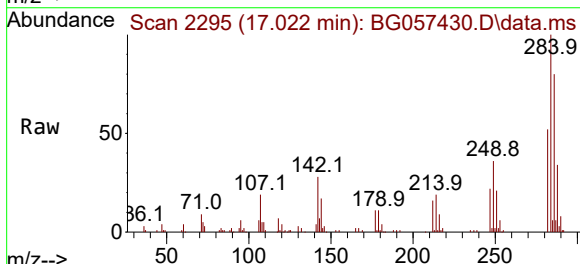
APPROVED

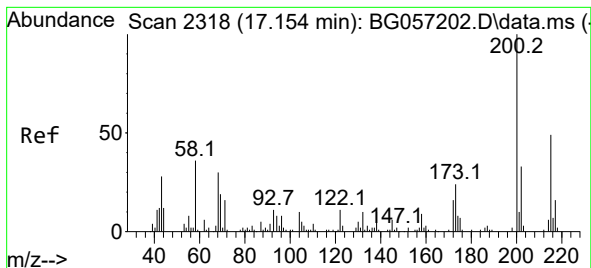
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#68
Hexachlorobenzene
Concen: 41.161 ng
RT: 17.022 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

Tgt Ion:284 Resp: 74128
Ion Ratio Lower Upper
284 100
142 27.7 23.9 35.9
249 35.6 27.7 41.5





#69

Atrazine

Concen: 39.214 ng

RT: 17.146 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

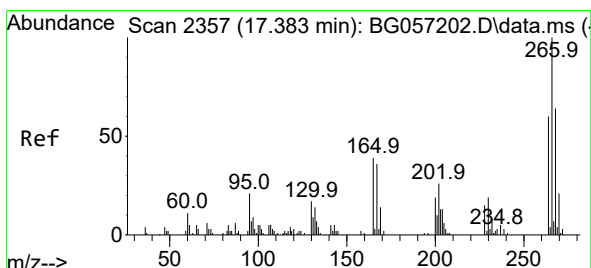
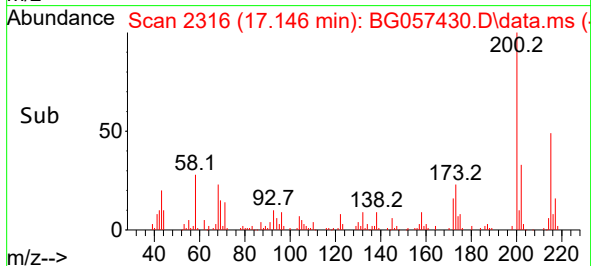
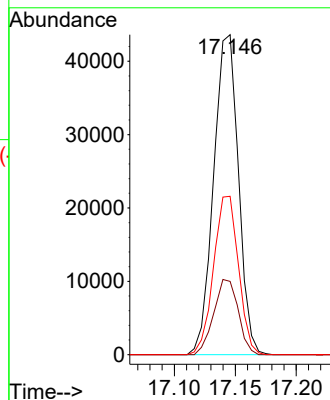
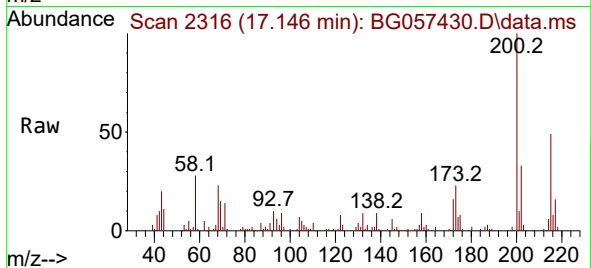
SSTDCCC040EC

Tgt Ion:200 Resp: 61679
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.3 44.3
 215 49.5 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#70

Pentachlorophenol

Concen: 39.711 ng

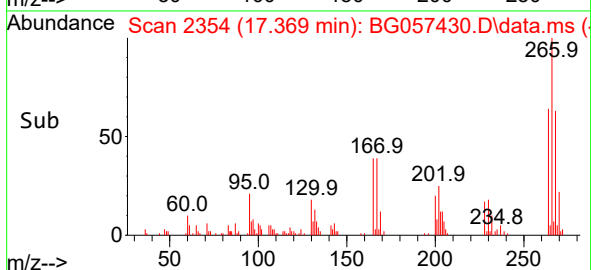
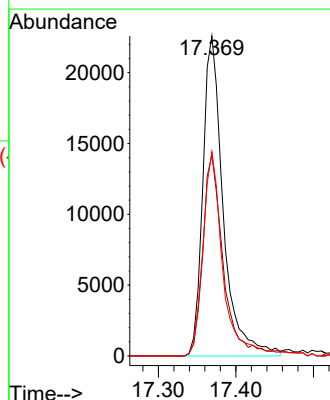
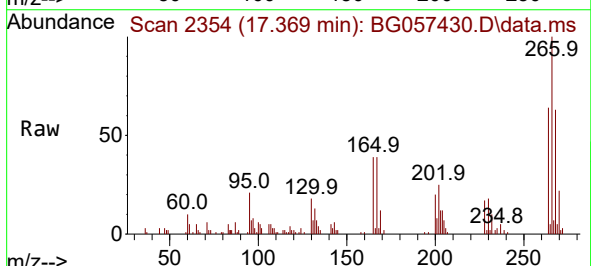
RT: 17.369 min Scan# 2354

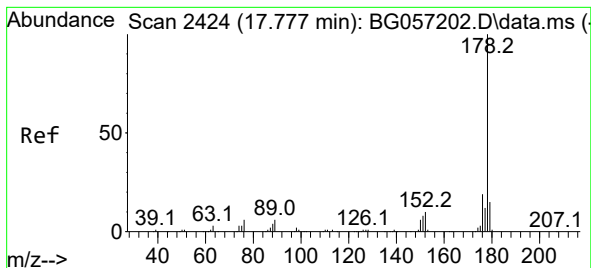
Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:266 Resp: 41217
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 63.8 47.8 71.6





#71

Phenanthrene

Concen: 39.041 ng

RT: 17.762 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

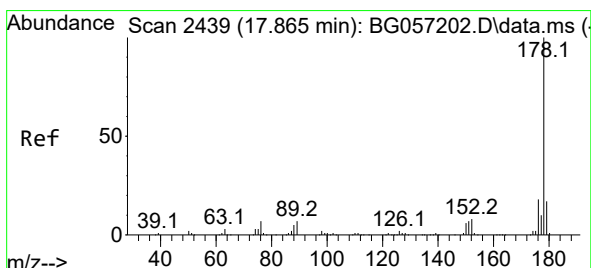
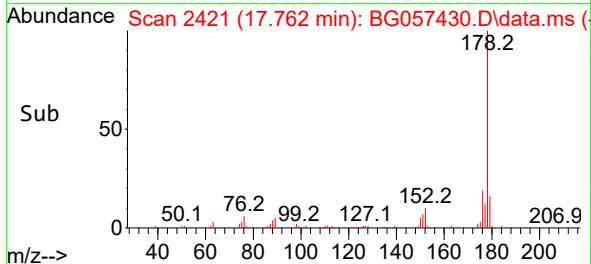
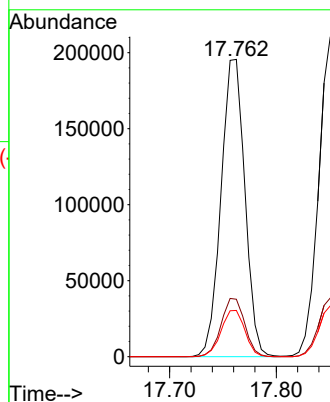
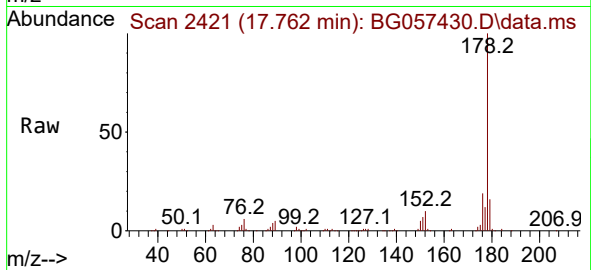
SSTDCCC040EC

Tgt Ion:178 Resp: 30370
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#72

Anthracene

Concen: 39.260 ng

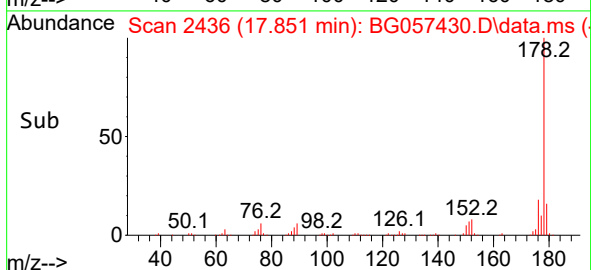
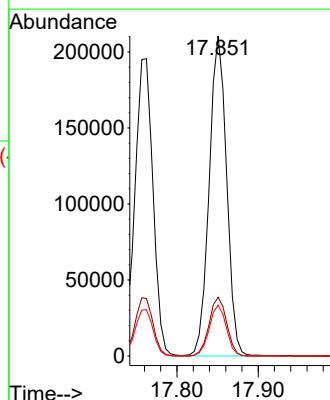
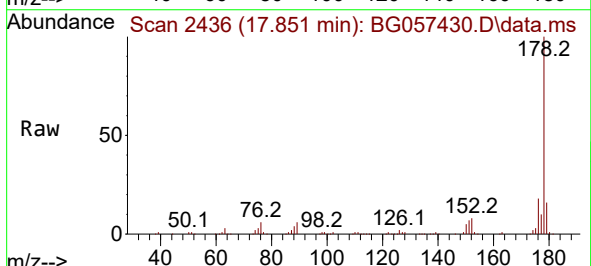
RT: 17.851 min Scan# 2436

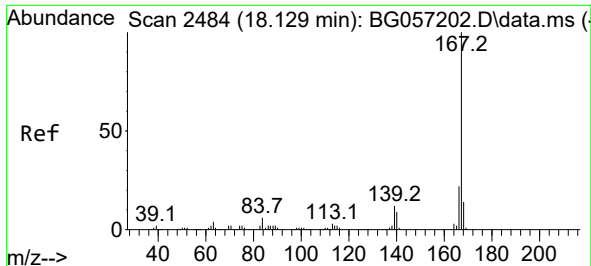
Delta R.T. 0.000 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:178 Resp: 313380
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.9 13.2 19.8





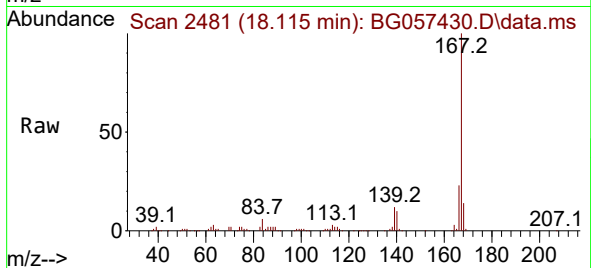
#73
 Carbazole
 Concen: 38.966 ng
 RT: 18.115 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

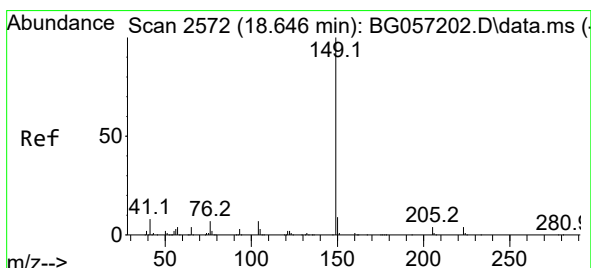
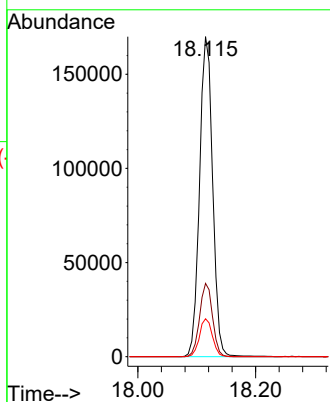
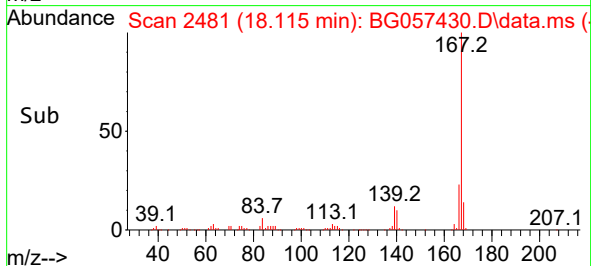


Tgt Ion:167 Resp: 26184
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 11.9 9.6 14.4

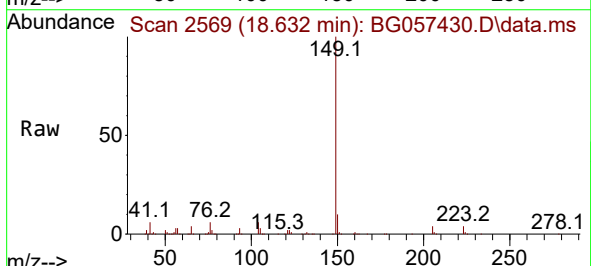
Manual Integrations

APPROVED

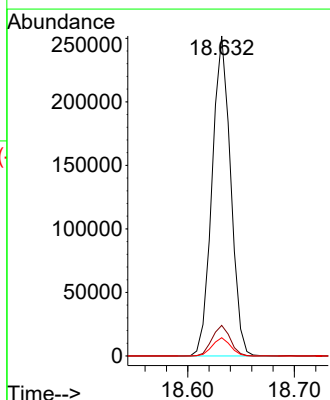
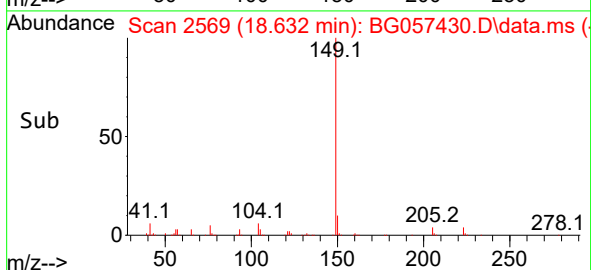
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

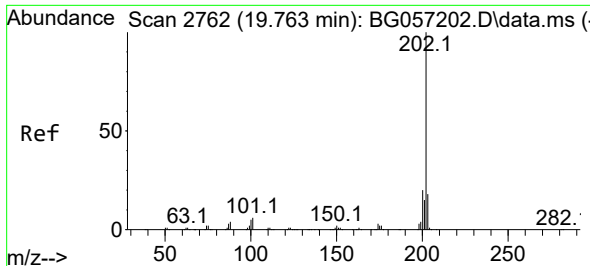


#74
 Di-n-butylphthalate
 Concen: 39.303 ng
 RT: 18.632 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BG057430.D
 Acq: 13 May 2023 6:49



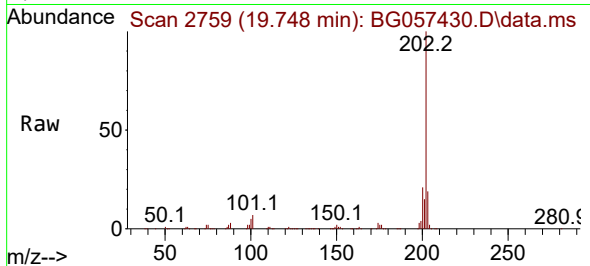
Tgt Ion:149 Resp: 303876
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 39.218 ng
RT: 19.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

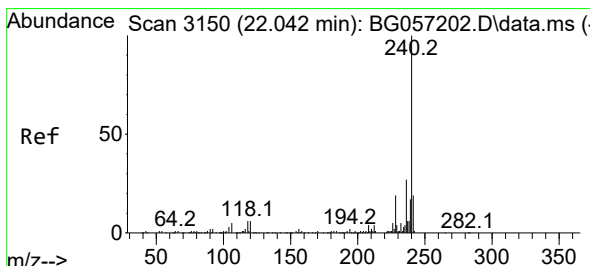
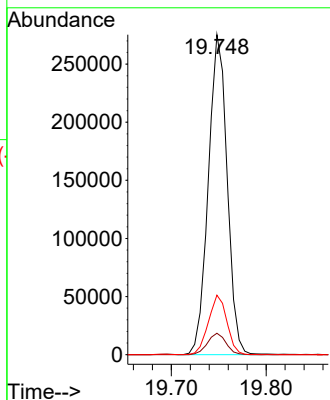
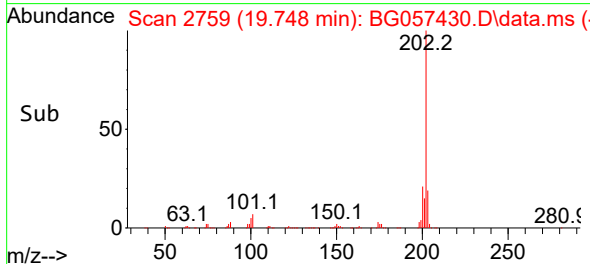
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 37944
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.2
203 18.6 0.0 37.9

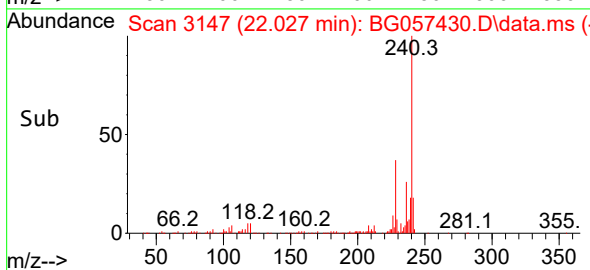
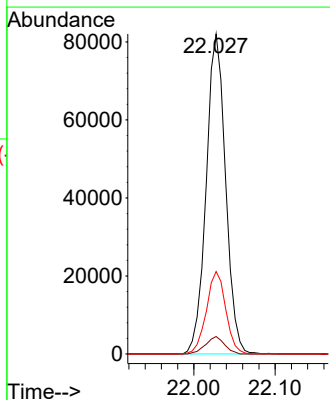
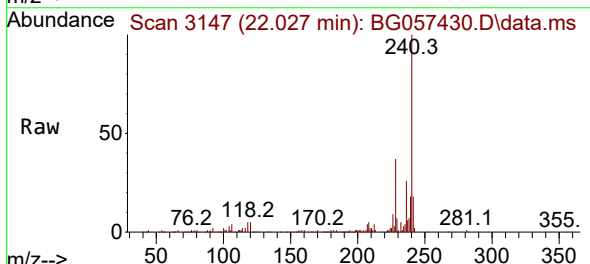
Manual Integrations
APPROVED

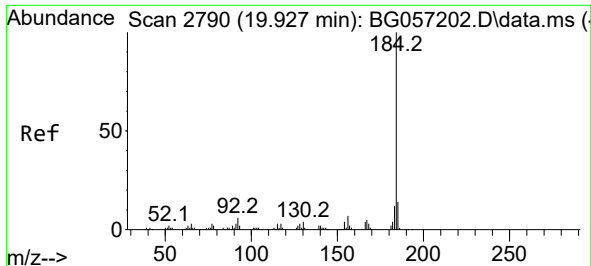
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

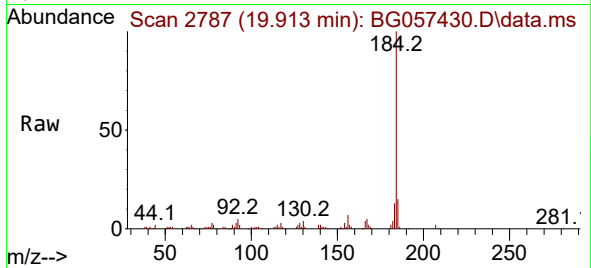
Tgt Ion:240 Resp: 135860
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 25.7 21.4 32.2





#77
Benzidine
Concen: 26.494 ng
RT: 19.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

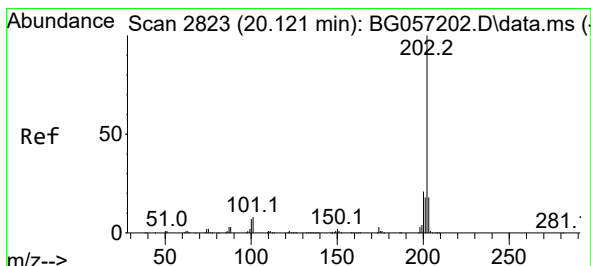
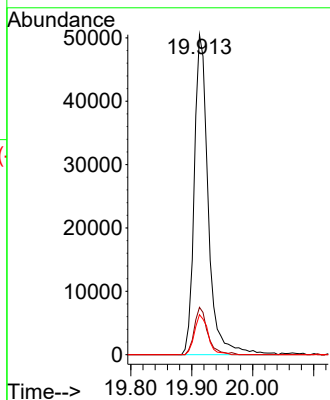
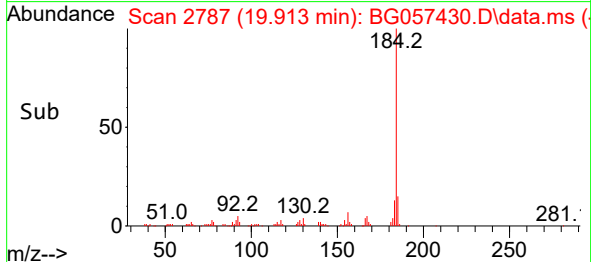
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



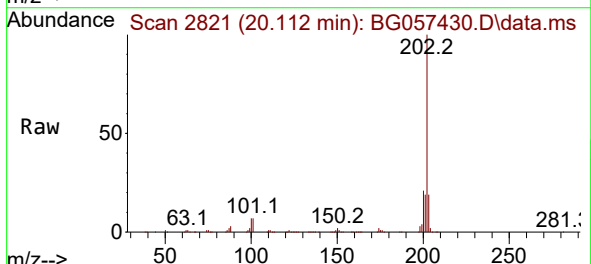
Tgt Ion:184 Resp: 80470
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.5 9.9 14.9

Manual Integrations
APPROVED

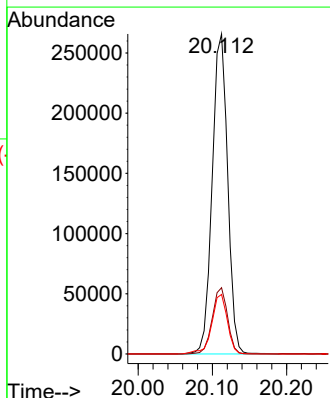
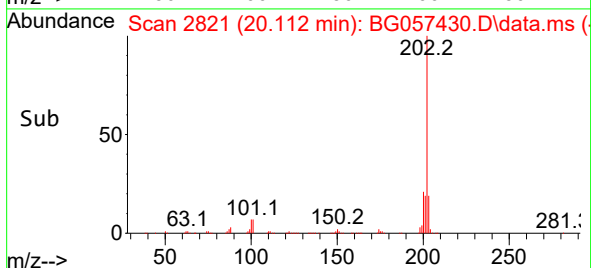
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

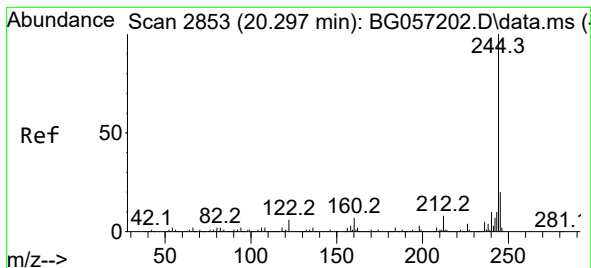


#78
Pyrene
Concen: 38.882 ng
RT: 20.112 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:202 Resp: 383856
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.091 ng

RT: 20.283 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057430.D

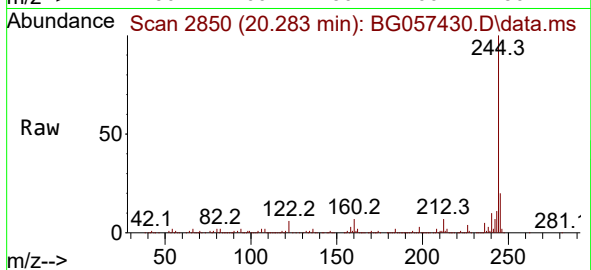
Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 633472

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

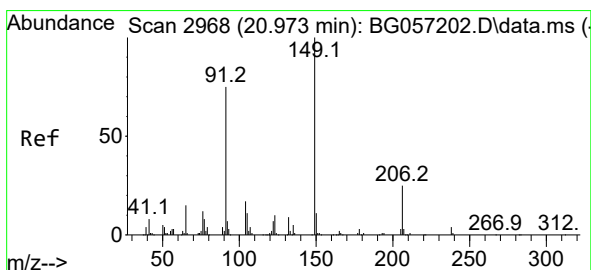
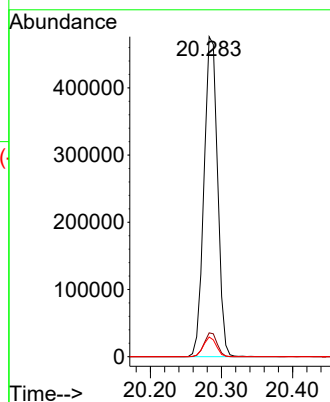
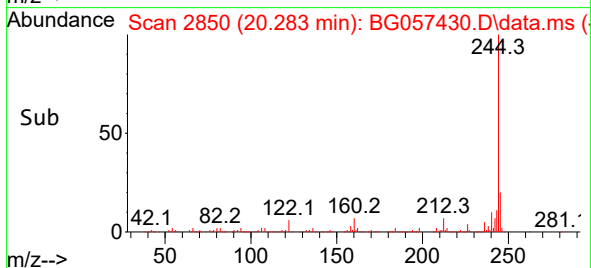
122 6.2 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#80

Butylbenzylphthalate

Concen: 42.527 ng

RT: 20.958 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

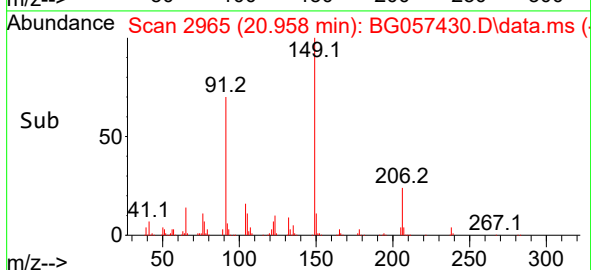
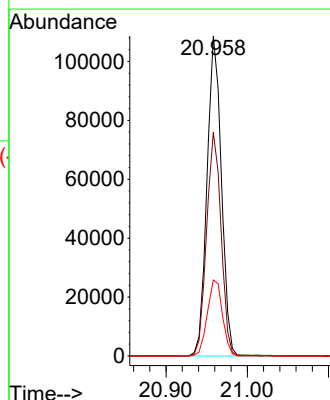
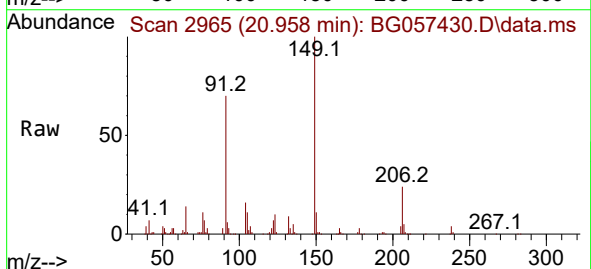
Tgt Ion:149 Resp: 133213

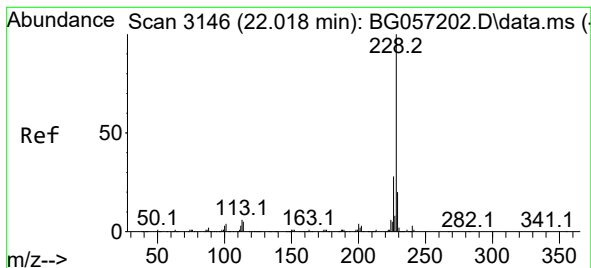
Ion Ratio Lower Upper

149 100

91 69.9 59.7 89.5

206 23.8 19.7 29.5





#81

Benzo(a)anthracene

Concen: 39.170 ng

RT: 22.004 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 379150

Ion Ratio Lower Upper

228 100

226 26.4 22.0 33.0

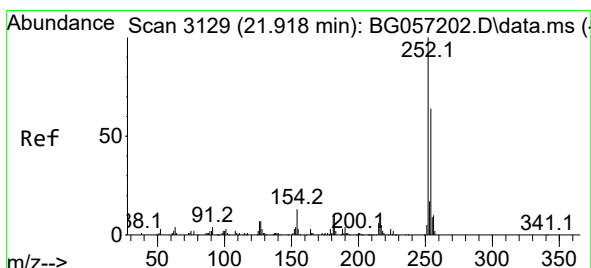
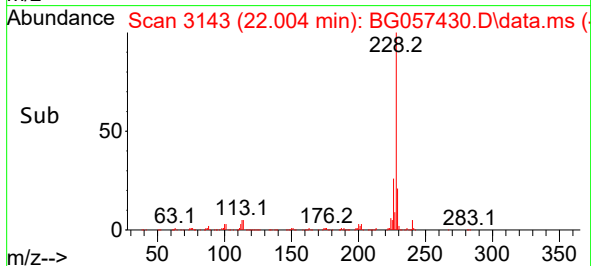
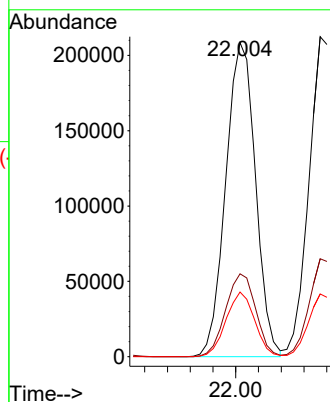
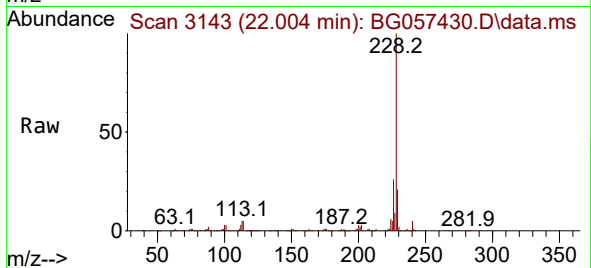
229 20.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.483 ng

RT: 21.898 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

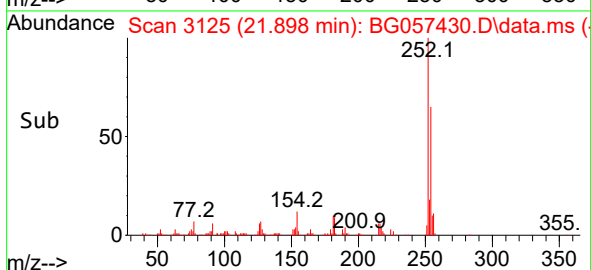
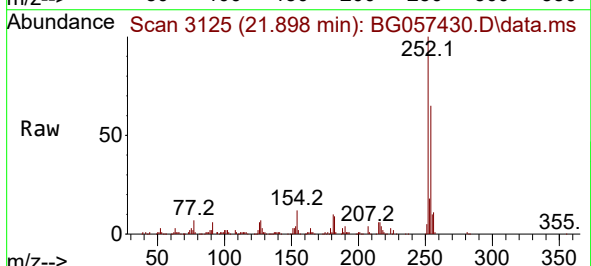
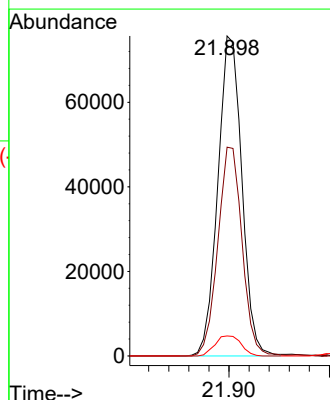
Tgt Ion:252 Resp: 125514

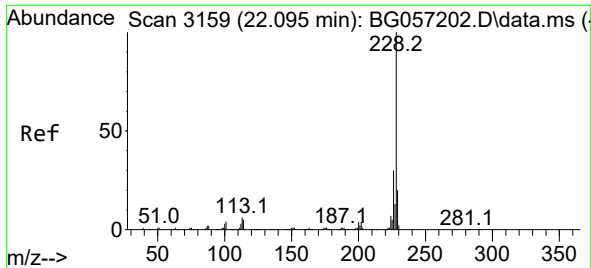
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.0

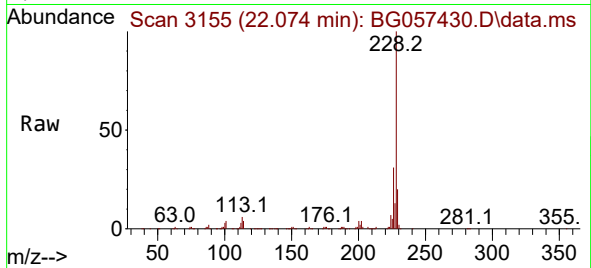
126 6.2 5.9 8.9





#83
Chrysene
Concen: 39.248 ng
RT: 22.074 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

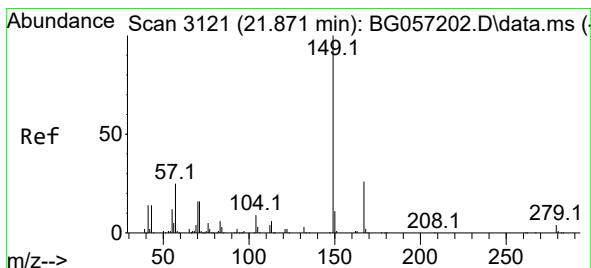
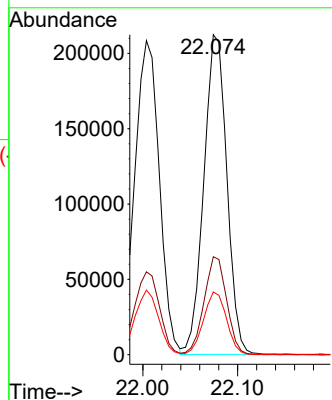
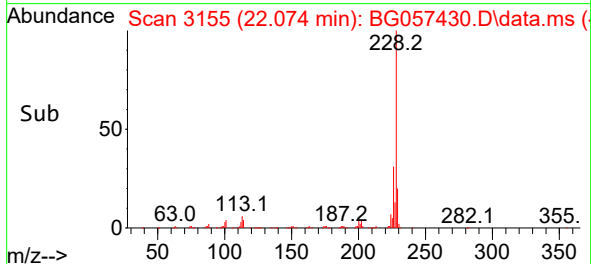
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



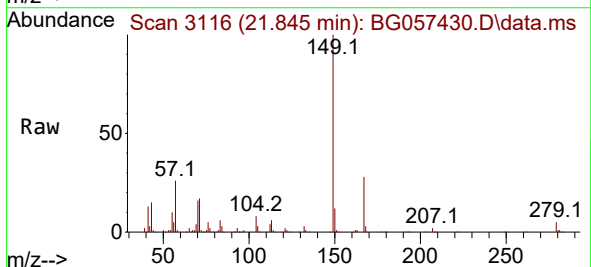
Tgt Ion:228 Resp: 357445
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.6 15.9 23.9

Manual Integrations
APPROVED

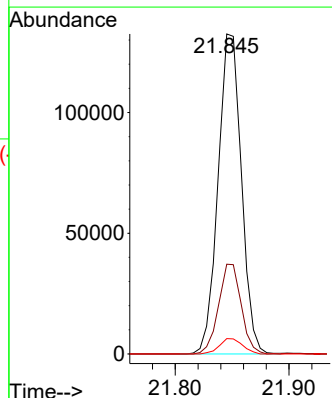
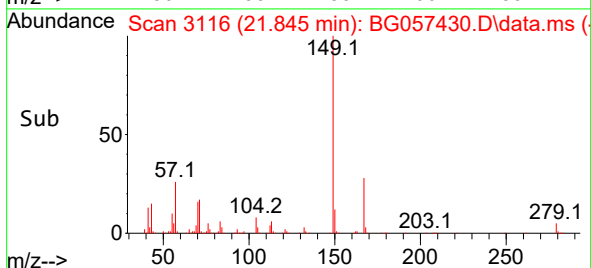
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

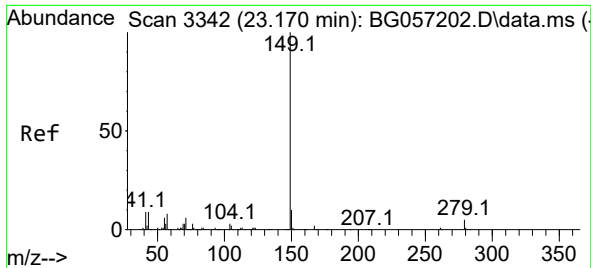


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.776 ng
RT: 21.845 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



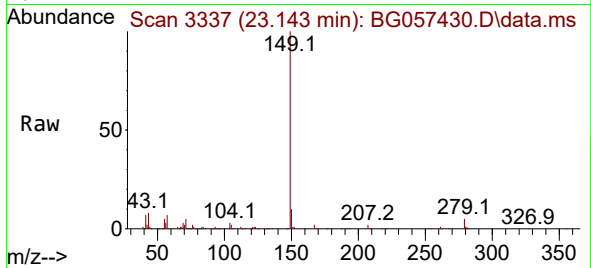
Tgt Ion:149 Resp: 188983
Ion Ratio Lower Upper
149 100
167 28.0 21.2 31.8
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 41.630 ng
RT: 23.143 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

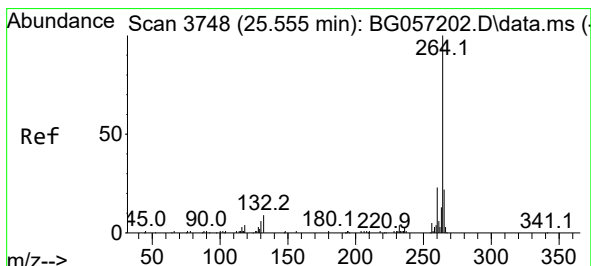
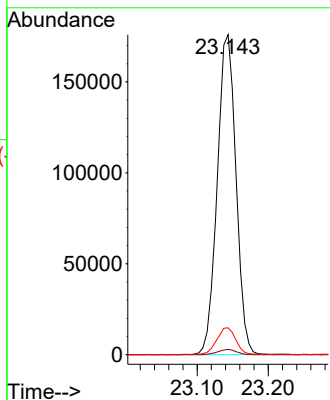
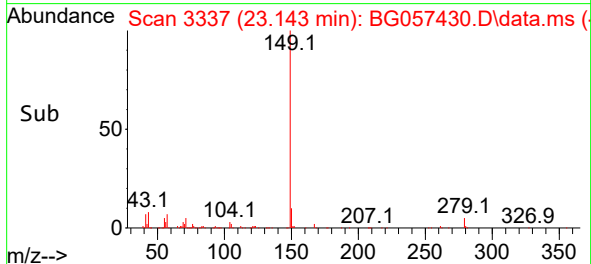
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



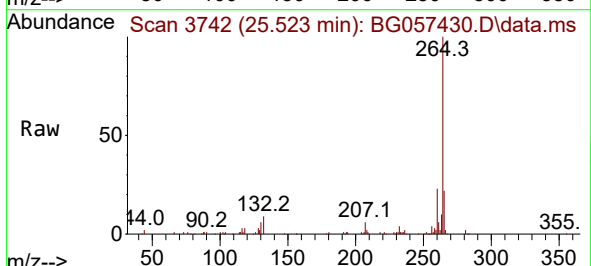
Tgt Ion:149 Resp: 32165
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.8

Manual Integrations
APPROVED

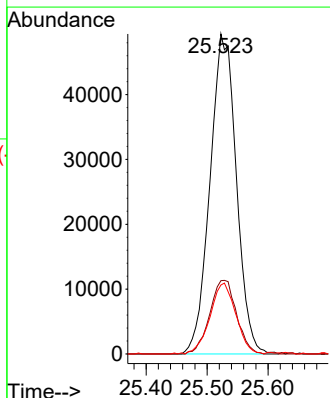
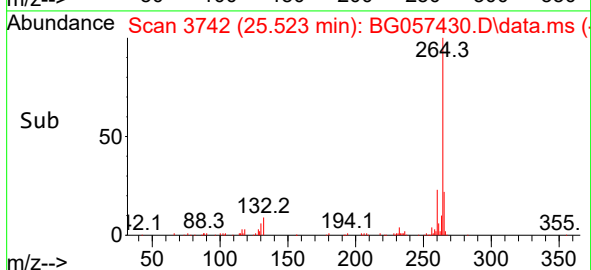
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

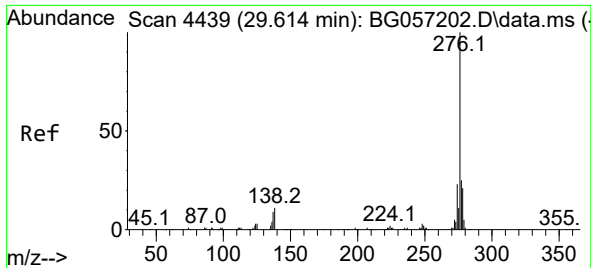


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.523 min Scan# 3742
Delta R.T. -0.012 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



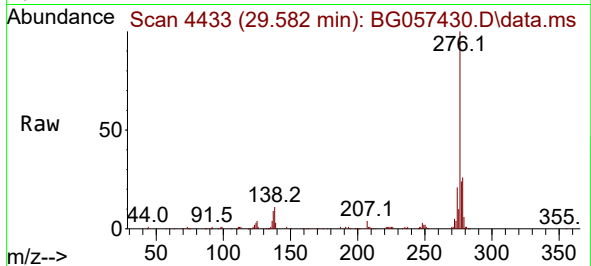
Tgt Ion:264 Resp: 148192
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.5 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.005 ng
RT: 29.582 min Scan# 4439
Delta R.T. -0.018 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49

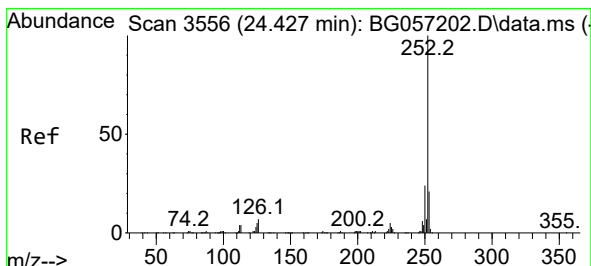
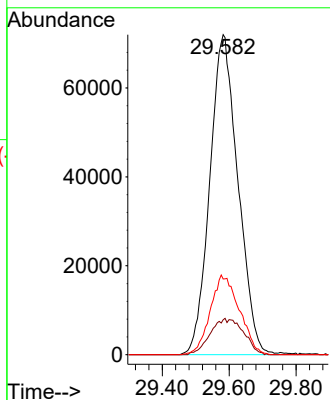
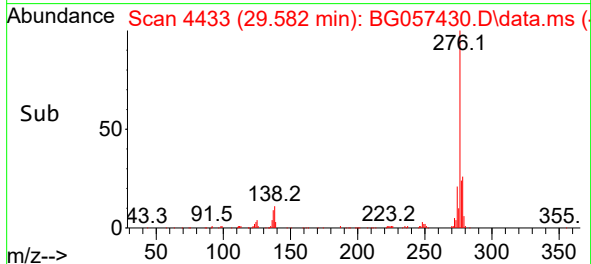
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



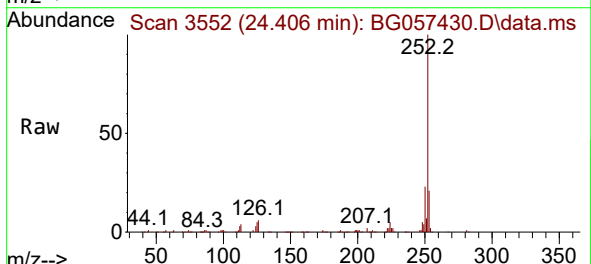
Tgt Ion:276 Resp: 421268
Ion Ratio Lower Upper
276 100
138 6.9 5.4 8.0
277 25.7 20.6 30.8

Manual Integrations
APPROVED

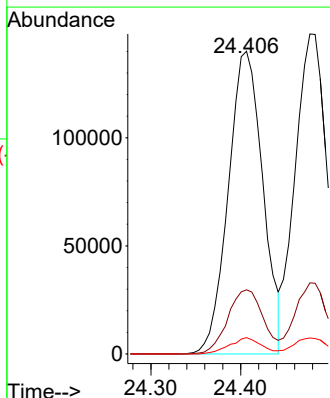
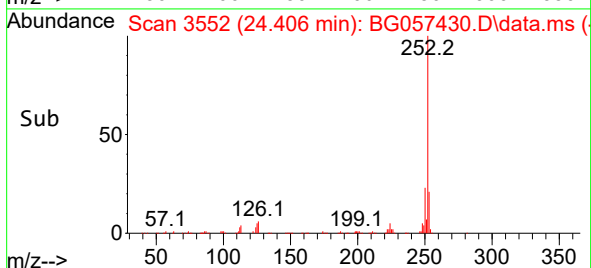
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

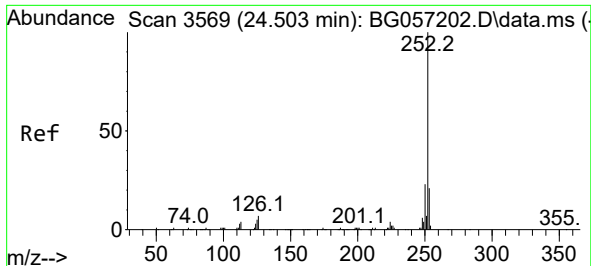


#88
Benzo(b)fluoranthene
Concen: 38.622 ng
RT: 24.406 min Scan# 3552
Delta R.T. -0.006 min
Lab File: BG057430.D
Acq: 13 May 2023 6:49



Tgt Ion:252 Resp: 374140
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 37.608 ng

RT: 24.477 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 370209

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

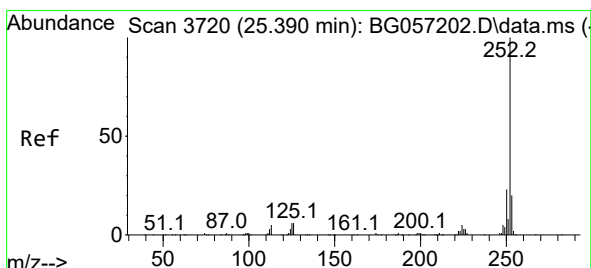
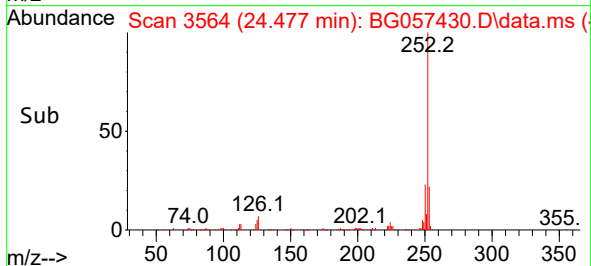
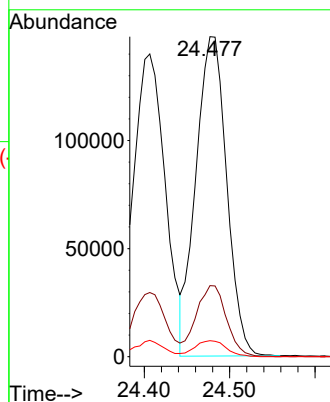
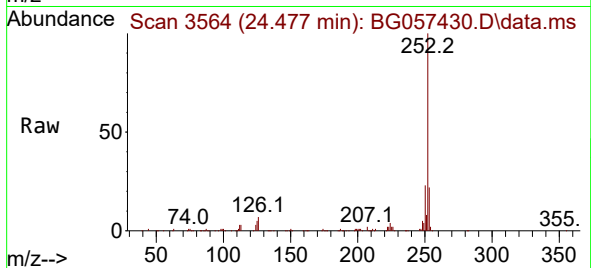
125 5.0 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 38.215 ng

RT: 25.364 min Scan# 3715

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

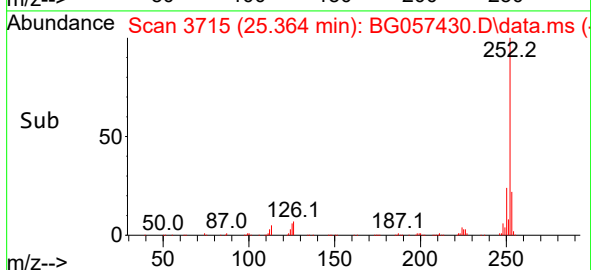
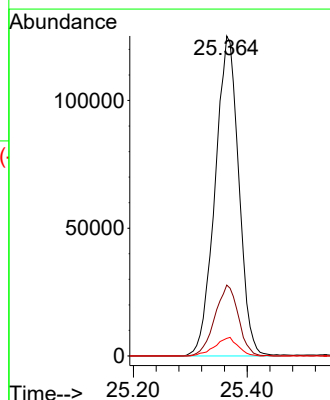
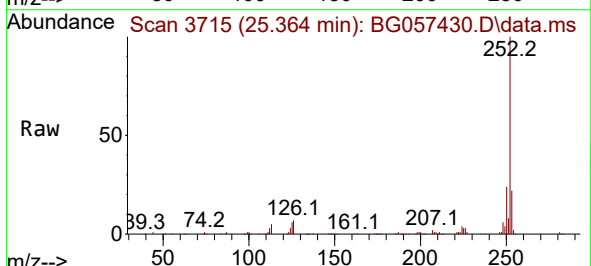
Tgt Ion:252 Resp: 361671

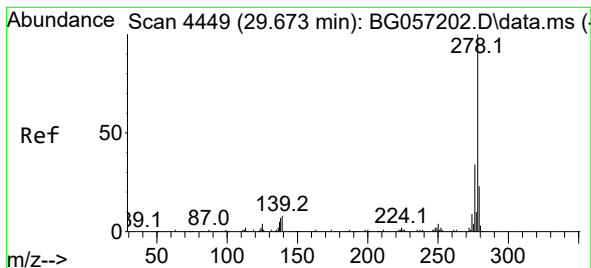
Ion Ratio Lower Upper

252 100

253 22.2 16.3 24.5

125 5.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 38.797 ng

RT: 29.641 min Scan# 4443

Delta R.T. -0.012 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 34896

Ion Ratio Lower Upper

278 100

139 8.2 6.2 9.2

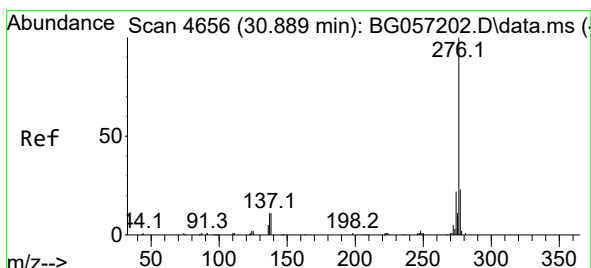
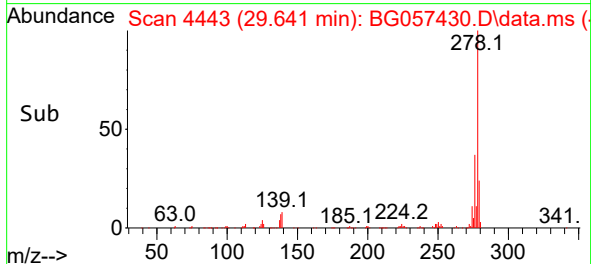
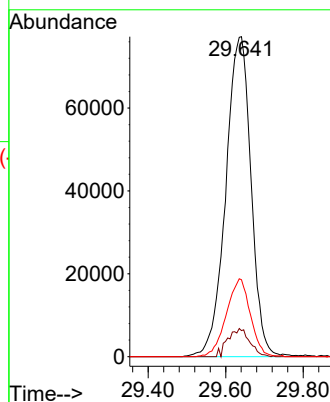
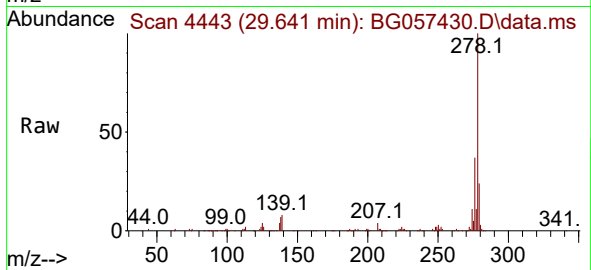
279 24.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#92

Benzo(g,h,i)perylene

Concen: 38.895 ng

RT: 30.857 min Scan# 4650

Delta R.T. -0.018 min

Lab File: BG057430.D

Acq: 13 May 2023 6:49

Tgt Ion:276 Resp: 341593

Ion Ratio Lower Upper

276 100

277 22.6 18.4 27.6

138 10.7 9.0 13.4

