

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057489.D
 Acq On : 22 May 2023 11:46
 Operator : CG/JU
 Sample : PB152895BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152895BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 22 12:29:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	20344	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	82967	20.000	ng	0.00
39) Acenaphthene-d10	14.982	164	65522	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	171905	20.000	ng	0.00
76) Chrysene-d12	22.031	240	147203	20.000	ng	0.01
86) Perylene-d12	25.538	264	165981	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	130283	109.548	ng	0.00
7) Phenol-d6	7.509	99	190201	105.318	ng	0.01
23) Nitrobenzene-d5	9.542	82	118293	59.841	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	104081	111.953	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	312666	64.268	ng	0.00
79) Terphenyl-d14	20.286	244	583522	64.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.668	88	15506	31.533	ng	98
3) Pyridine	4.091	79	41539	26.286	ng	92
4) n-Nitrosodimethylamine	4.002	42	23828	32.086	ng	# 96
6) Aniline	7.674	93	78732	34.365	ng	97
8) 2-Chlorophenol	7.927	128	57042	45.391	ng	99
9) Benzaldehyde	7.486	77	34007	34.557	ng	99
10) Phenol	7.533	94	77942	44.273	ng	99
11) bis(2-Chloroethyl)ether	7.762	93	52838	39.802	ng	97
12) 1,3-Dichlorobenzene	8.250	146	58862	42.439	ng	93
13) 1,4-Dichlorobenzene	8.396	146	60996	43.781	ng	94
14) 1,2-Dichlorobenzene	8.725	146	57821	42.991	ng	96
15) Benzyl Alcohol	8.602	79	61446	40.841	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.878	45	65607m	39.210	ng	
17) 2-Methylphenol	8.802	107	53212	41.930	ng	99
18) Hexachloroethane	9.460	117	21525	42.813	ng	93
19) n-Nitroso-di-n-propyla...	9.166	70	49833	36.187	ng	99
20) 3+4-Methylphenols	9.131	107	74062	42.621	ng	91
22) Acetophenone	9.195	105	91962	38.727	ng	# 94
24) Nitrobenzene	9.583	77	73207	36.691	ng	98
25) Isophorone	10.106	82	136811	35.691	ng	99
26) 2-Nitrophenol	10.300	139	34527	45.209	ng	92
27) 2,4-Dimethylphenol	10.347	122	60076	44.924	ng	97
28) bis(2-Chloroethoxy)met...	10.576	93	75016	39.064	ng	96
29) 2,4-Dichlorophenol	10.846	162	64467	45.452	ng	98
30) 1,2,4-Trichlorobenzene	11.058	180	69258	42.335	ng	98
31) Naphthalene	11.251	128	179441	40.455	ng	99
32) Benzoic acid	10.505	122	31056	41.032	ng	92
33) 4-Chloroaniline	11.357	127	66061	33.165	ng	96
34) Hexachlorobutadiene	11.522	225	49235	40.560	ng	100
35) Caprolactam	12.127	113	21436m	44.244	ng	
36) 4-Chloro-3-methylphenol	12.456	107	73273	45.459	ng	97
37) 2-Methylnaphthalene	12.832	142	137283	39.366	ng	97
38) 1-Methylnaphthalene	13.049	142	131320	39.951	ng	98
40) 1,2,4,5-Tetrachloroben...	13.196	216	96634	41.543	ng	98
41) Hexachlorocyclopentadiene	13.161	237	85254	76.546	ng	96
43) 2,4,6-Trichlorophenol	13.425	196	62907	44.390	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057489.D
 Acq On : 22 May 2023 11:46
 Operator : CG/JU
 Sample : PB152895BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152895BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 22 12:29:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

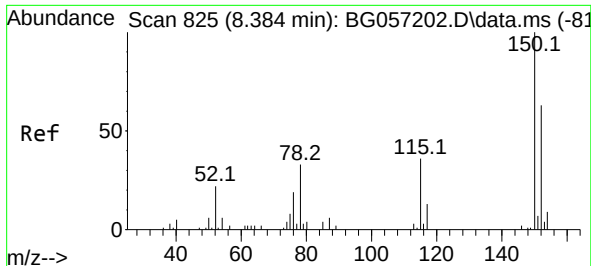
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	66300	39.773	ng	97
46) 1,1'-Biphenyl	13.813	154	199339	41.000	ng	98
47) 2-Chloronaphthalene	13.871	162	152406	42.154	ng	99
48) 2-Nitroaniline	14.065	65	50601	41.161	ng	92
49) Acenaphthylene	14.706	152	242676	41.315	ng	100
50) Dimethylphthalate	14.418	163	212506	39.468	ng	100
51) 2,6-Dinitrotoluene	14.547	165	47890	43.563	ng	89
52) Acenaphthene	15.046	154	148658	40.502	ng	97
53) 3-Nitroaniline	14.882	138	38766	35.199	ng	97
54) 2,4-Dinitrophenol	15.099	184	57895	84.729	ng	97
55) Dibenzofuran	15.375	168	253685	41.136	ng	98
56) 4-Nitrophenol	15.193	139	68395	93.373	ng	88
57) 2,4-Dinitrotoluene	15.340	165	67788	43.146	ng	92
58) Fluorene	16.021	166	211692	41.674	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	67841	44.889	ng	99
60) Diethylphthalate	15.763	149	216351	39.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	123125	40.235	ng	95
62) 4-Nitroaniline	16.045	138	47850	43.067	ng	91
63) Azobenzene	16.292	77	199478	37.810	ng	97
65) 4,6-Dinitro-2-methylph...	16.104	198	47063	45.855	ng	97
66) n-Nitrosodiphenylamine	16.215	169	185162	39.658	ng	99
67) 4-Bromophenyl-phenylether	16.891	248	84492	40.263	ng	98
68) Hexachlorobenzene	17.026	284	88900	43.593	ng	98
69) Atrazine	17.143	200	84923	47.681	ng	98
70) Pentachlorophenol	17.373	266	112343	95.588	ng	98
71) Phenanthrene	17.760	178	355680	40.378	ng	98
72) Anthracene	17.854	178	362601	40.117	ng	99
73) Carbazole	18.119	167	322419	42.372	ng	99
74) Di-n-butylphthalate	18.636	149	366386	41.850	ng	99
75) Fluoranthene	19.752	202	432083	39.439	ng	98
77) Benzidine	19.916	184	254880	77.449	ng	99
78) Pyrene	20.110	202	430985	40.292	ng	100
80) Butylbenzylphthalate	20.962	149	149189	43.957	ng	98
81) Benzo(a)anthracene	22.007	228	417941	39.851	ng	100
82) 3,3'-Dichlorobenzidine	21.902	252	120024	35.729	ng	100
83) Chrysene	22.078	228	385425	39.059	ng	99
84) Bis(2-ethylhexyl)phtha...	21.849	149	214517	42.719	ng	97
85) Di-n-octyl phthalate	23.141	149	365783	43.693	ng	97
87) Indeno(1,2,3-cd)pyrene	29.597	276	470843	38.923	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	427150	39.368	ng	99
89) Benzo(k)fluoranthene	24.486	252	405161	36.747	ng	100
90) Benzo(a)pyrene	25.374	252	370457	34.948	ng	97
91) Dibenzo(a,h)anthracene	29.656	278	396244	39.332	ng	100
92) Benzo(g,h,i)perylene	30.878	276	379991	38.630	ng	97

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

Manual Integrations

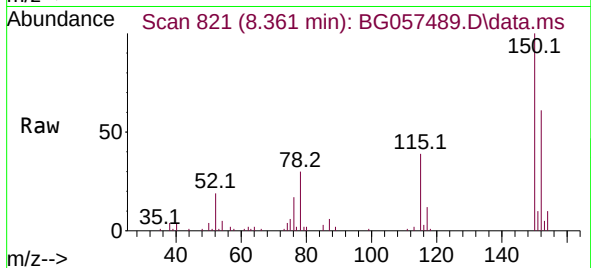
Quant Time: May 22 12:29:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

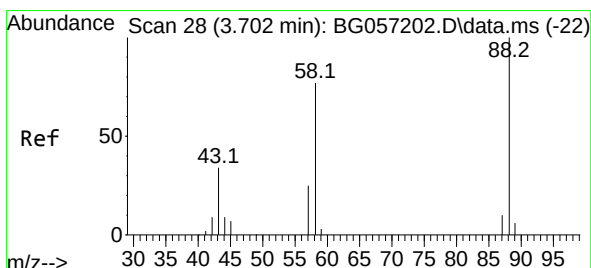
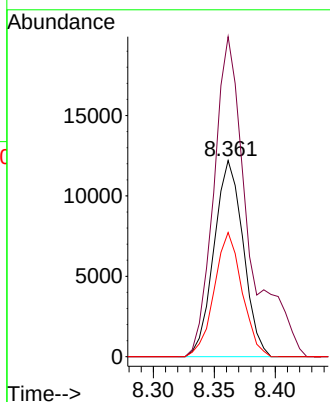
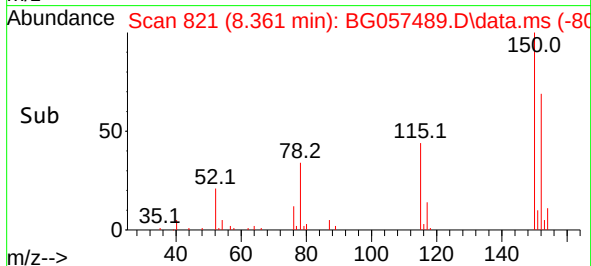
Instrument :
BNA_G
ClientSampleId :
PB152895BS



Tgt Ion: 152 Resp: 20344
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.4
115 63.3 45.0 67.4

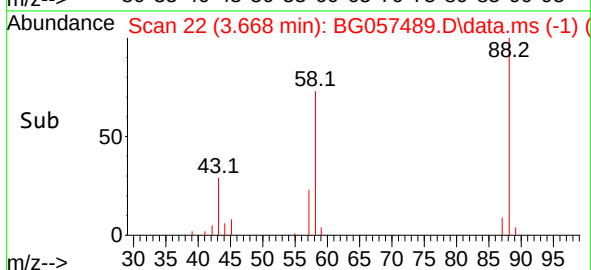
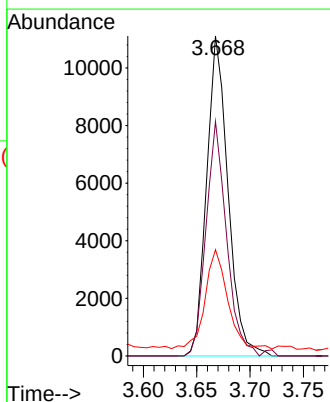
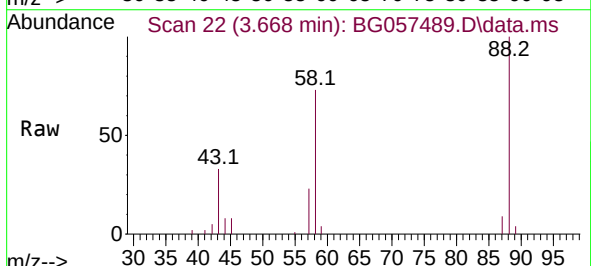
Manual Integrations
APPROVED

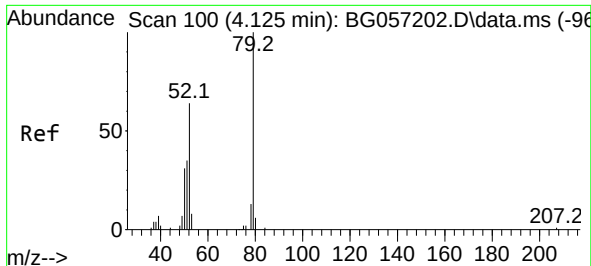
Reviewed By : Christian Giraldo 05/23/2023
Supervised By : Jagrut Upadhyay 05/23/2023



#2
1,4-Dioxane
Concen: 31.533 ng
RT: 3.668 min Scan# 22
Delta R.T. -0.006 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion: 88 Resp: 15506
Ion Ratio Lower Upper
88 100
58 70.1 57.1 85.7
43 32.7 24.4 36.6





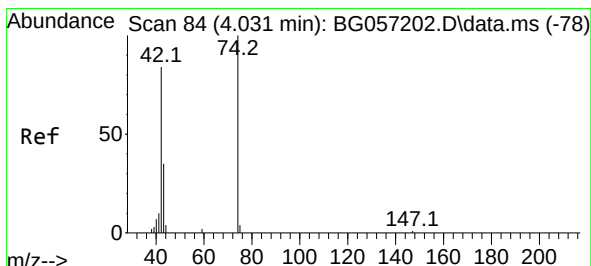
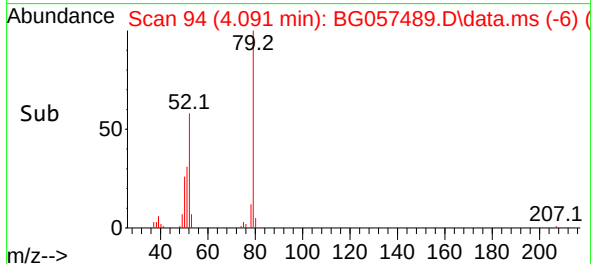
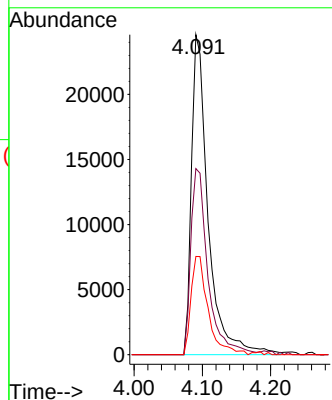
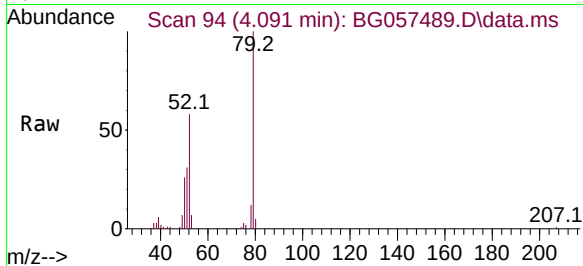
#3
Pyridine
Concen: 26.286 ng
RT: 4.091 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB152895BS

Tgt Ion: 79 Resp: 41539
Ion Ratio Lower Upper
79 100
52 58.1 51.4 77.0
51 30.7 28.0 42.0

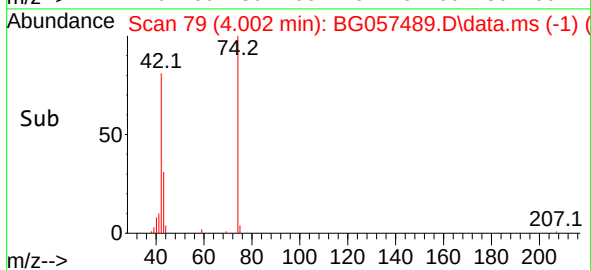
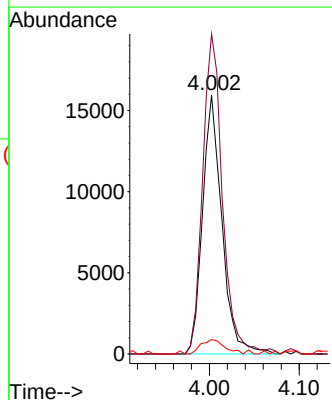
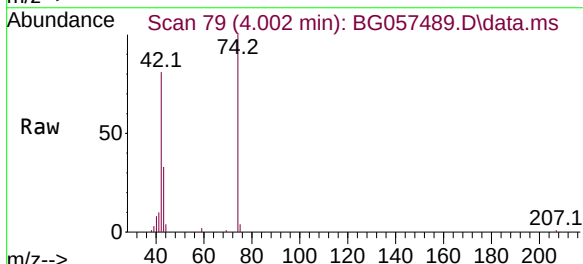
Manual Integrations
APPROVED

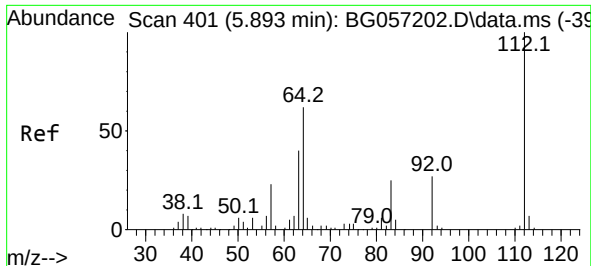
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#4
n-Nitrosodimethylamine
Concen: 32.086 ng
RT: 4.002 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion: 42 Resp: 23828
Ion Ratio Lower Upper
42 100
74 123.6 95.1 142.7
44 5.5 5.8 8.8





#5
2-Fluorophenol
Concen: 109.548 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

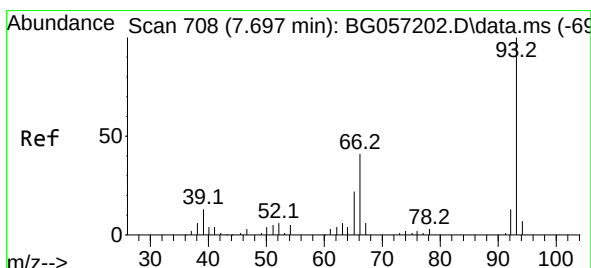
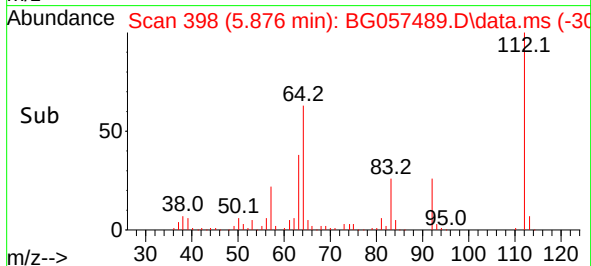
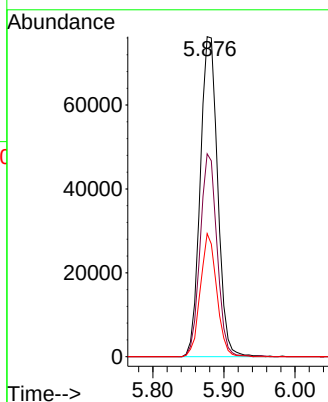
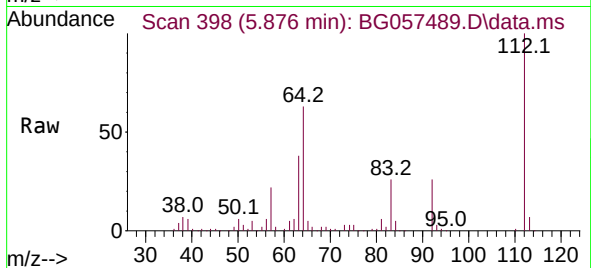
PB152895BS

Tgt Ion:112 Resp: 13028
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 38.5 31.6 47.4

Manual Integrations

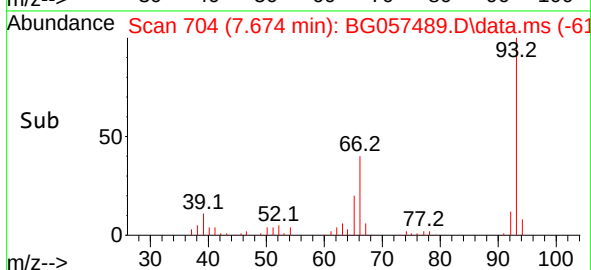
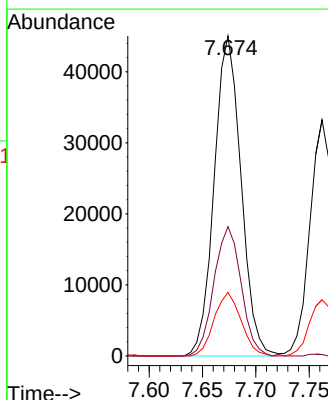
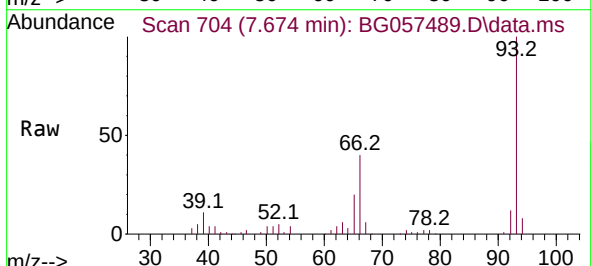
APPROVED

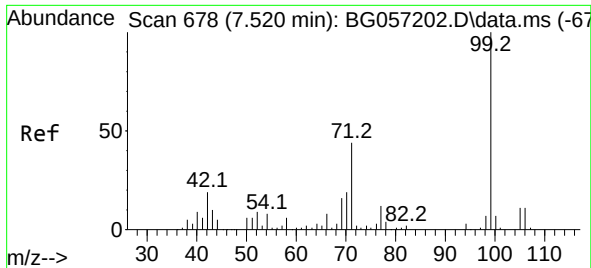
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#6
Aniline
Concen: 34.365 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

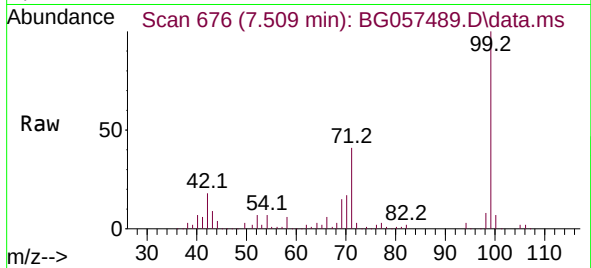
Tgt Ion: 93 Resp: 78732
Ion Ratio Lower Upper
93 100
66 40.4 33.0 49.6
65 19.8 18.0 27.0





#7
Phenol-d6
Concen: 105.318 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

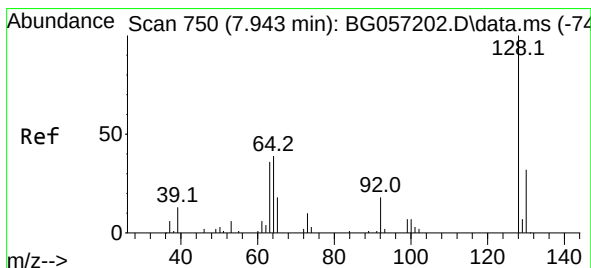
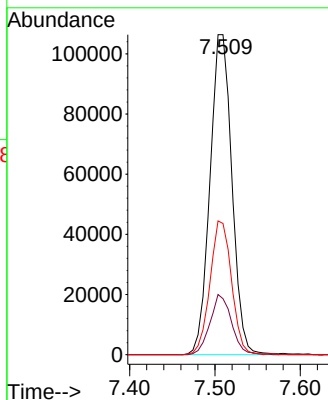
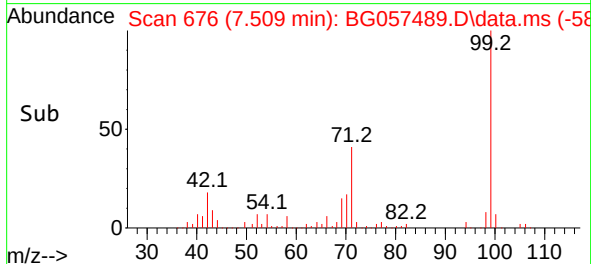
Instrument :
BNA_G
ClientSampleId :
PB152895BS



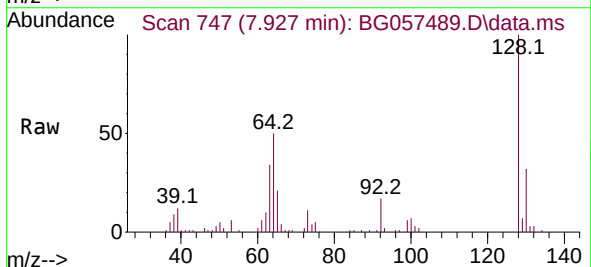
Tgt Ion: 99 Resp: 19020
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 41.0 35.2 52.8

Manual Integrations
APPROVED

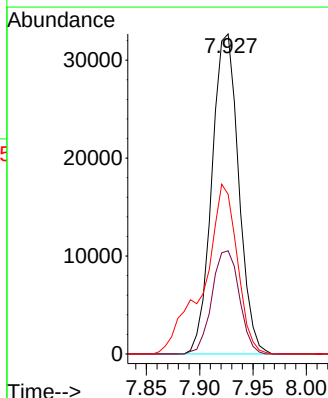
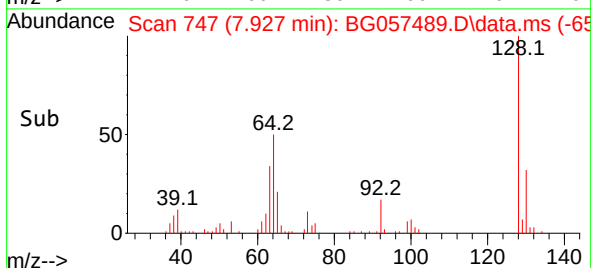
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

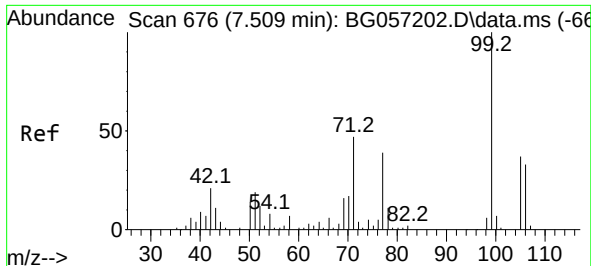


#8
2-Chlorophenol
Concen: 45.391 ng
RT: 7.927 min Scan# 747
Delta R.T. 0.006 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:128 Resp: 57042
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 49.9 28.4 68.4





#9
Benzaldehyde
Concen: 34.557 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

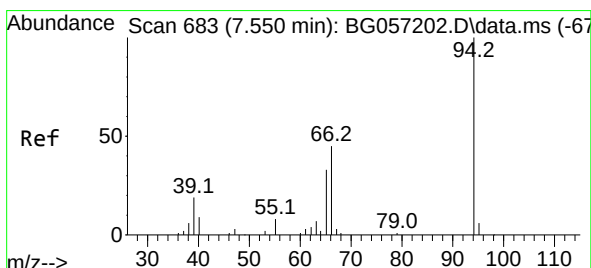
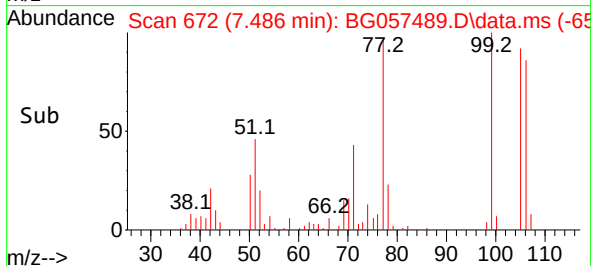
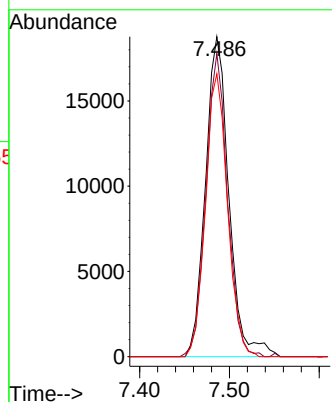
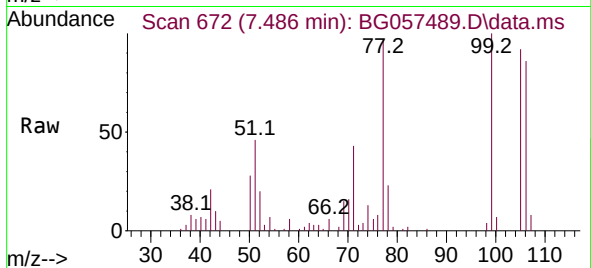
PB152895BS

Tgt Ion: 77 Resp: 3400
Ion Ratio Lower Upper
77 100
105 94.7 74.6 114.6
106 88.4 66.3 106.3

Manual Integrations

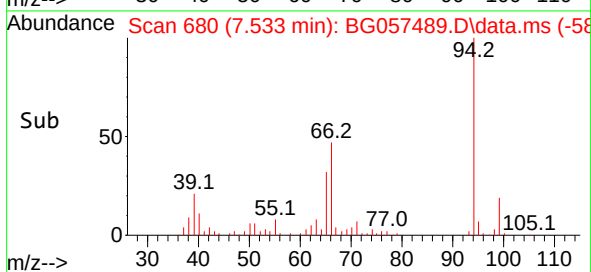
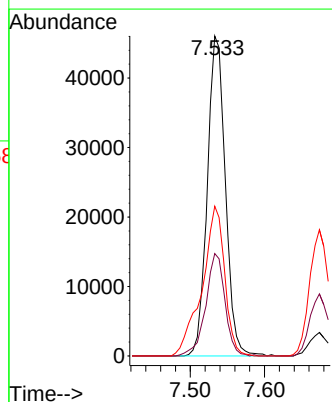
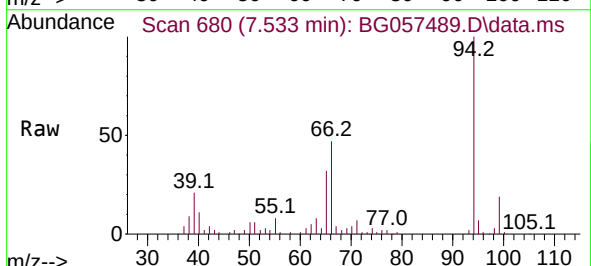
APPROVED

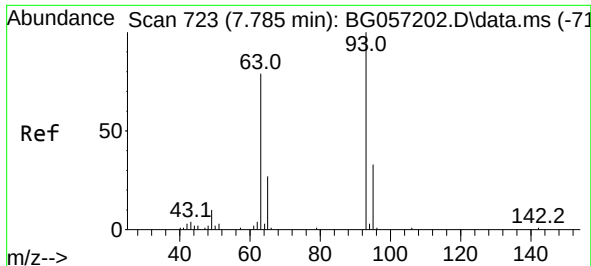
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#10
Phenol
Concen: 44.273 ng
RT: 7.533 min Scan# 680
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion: 94 Resp: 77942
Ion Ratio Lower Upper
94 100
65 32.0 13.5 53.5
66 46.8 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 39.802 ng

RT: 7.762 min Scan# 71

Delta R.T. -0.000 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

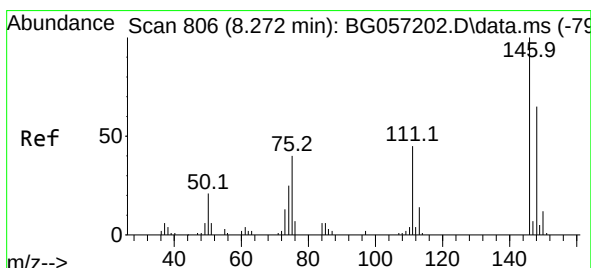
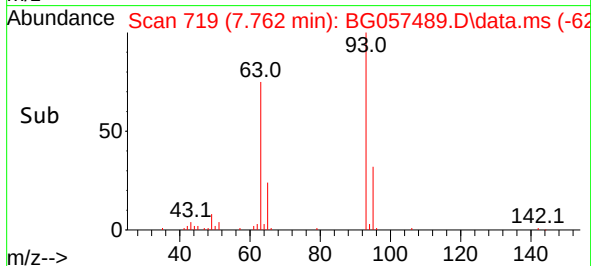
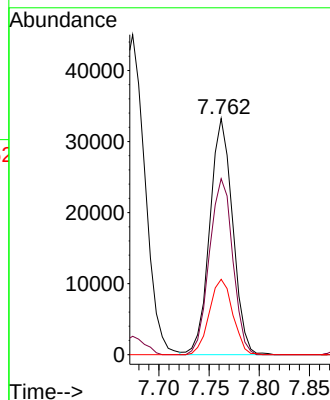
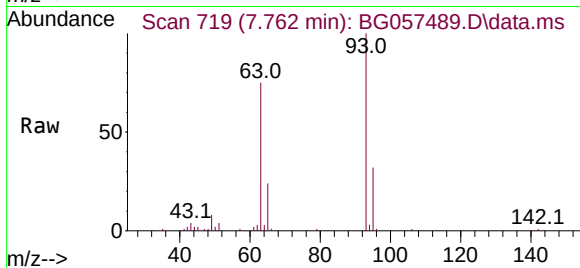
PB152895BS

Tgt Ion: 93	Resp: 52838
Ion Ratio	Lower Upper
93	100
63	74.5 58.6 98.6
95	31.9 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#12

1,3-Dichlorobenzene

Concen: 42.439 ng

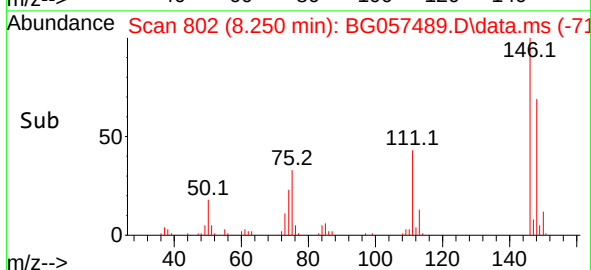
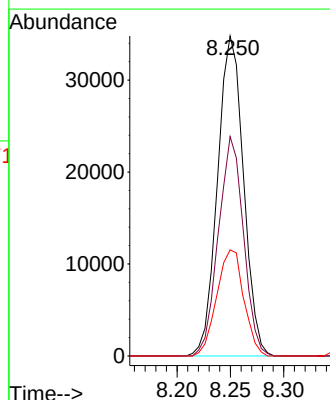
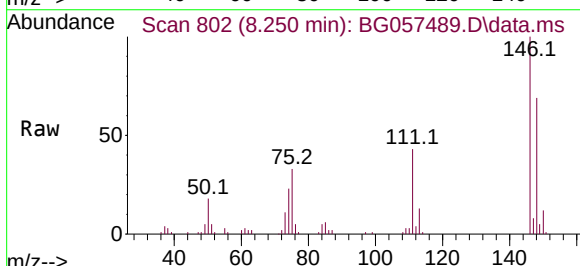
RT: 8.250 min Scan# 802

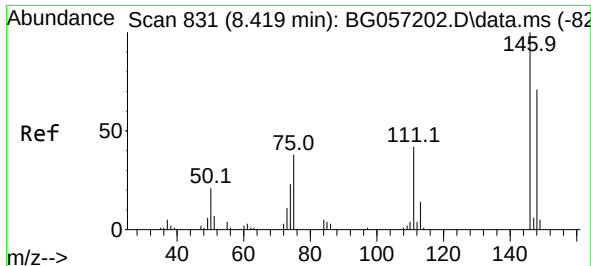
Delta R.T. -0.000 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Tgt Ion:146	Resp: 58862
Ion Ratio	Lower Upper
146	100
148	68.6 52.2 78.2
75	33.2 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 43.781 ng

RT: 8.396 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

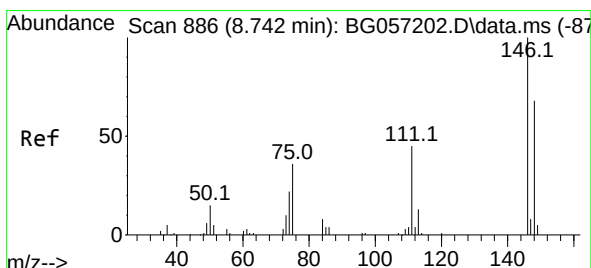
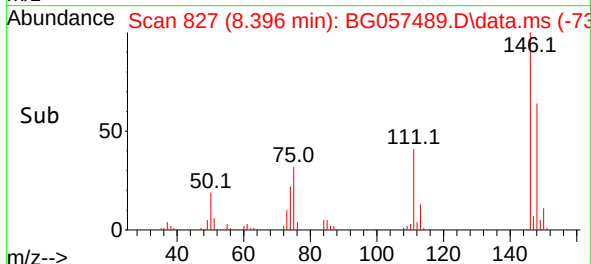
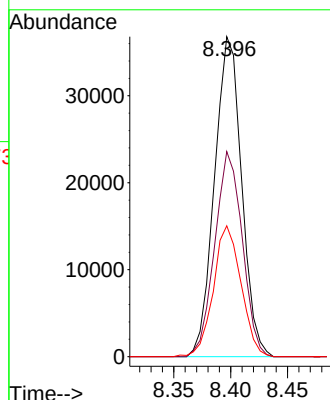
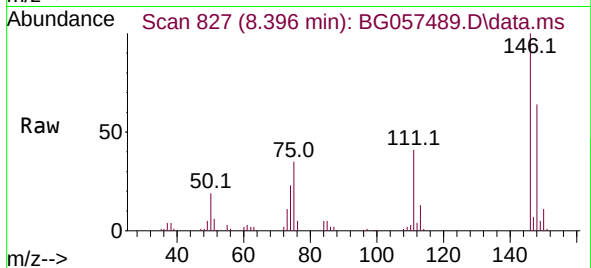
PB152895BS

Tgt Ion:146 Resp: 60990
 Ion Ratio Lower Upper
 146 100
 148 64.1 56.4 84.6
 111 40.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#14

1,2-Dichlorobenzene

Concen: 42.991 ng

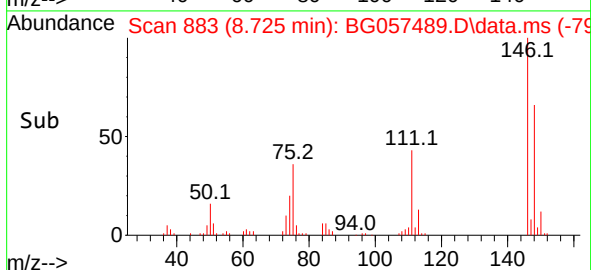
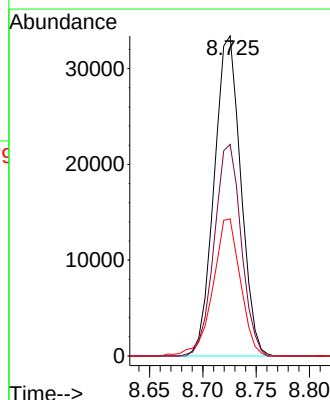
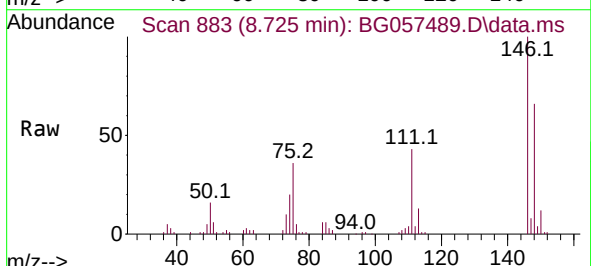
RT: 8.725 min Scan# 883

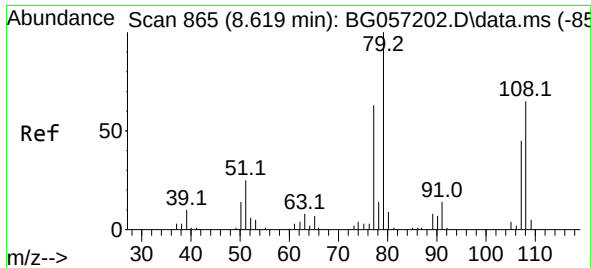
Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Tgt Ion:146 Resp: 57821
 Ion Ratio Lower Upper
 146 100
 148 66.1 54.6 82.0
 111 42.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 40.841 ng
RT: 8.602 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

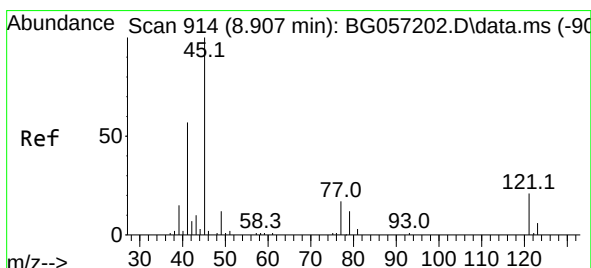
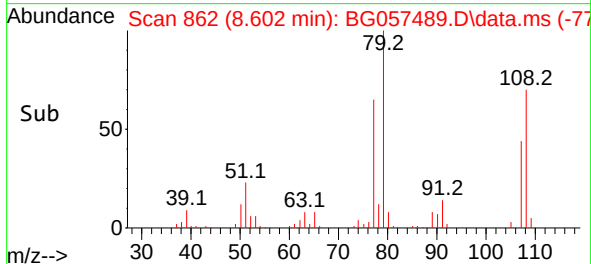
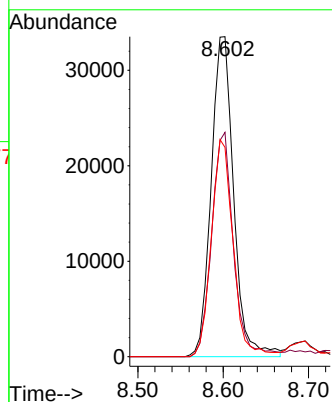
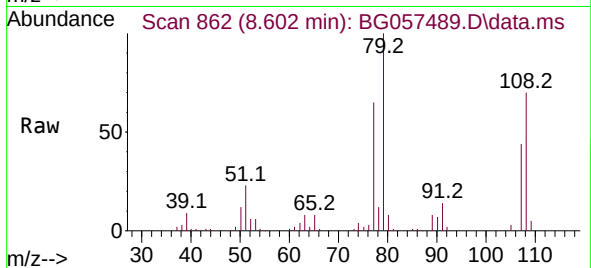
PB152895BS

Tgt Ion: 79 Resp: 61440
Ion Ratio Lower Upper
79 100
108 70.1 52.2 78.2
77 65.4 50.1 75.1

Manual Integrations

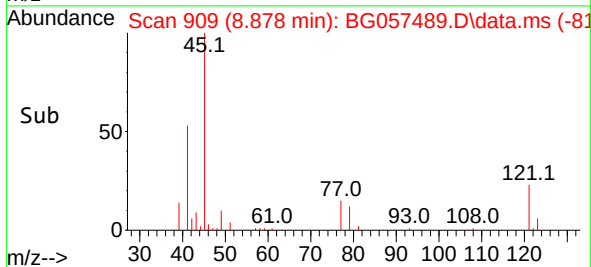
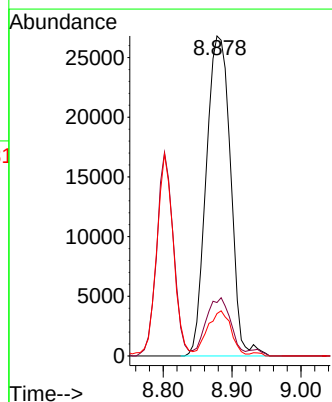
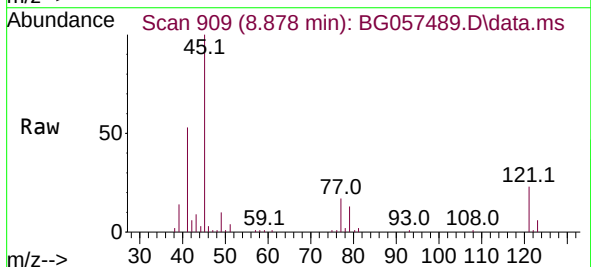
APPROVED

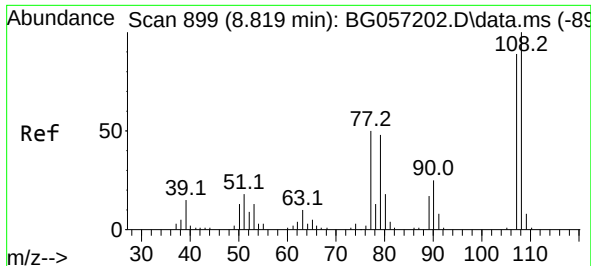
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.210 ng m
RT: 8.878 min Scan# 909
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion: 45 Resp: 65607
Ion Ratio Lower Upper
45 100
77 16.7 0.0 38.5
79 13.3 0.0 33.8





#17
2-Methylphenol
Concen: 41.930 ng
RT: 8.802 min Scan# 899
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

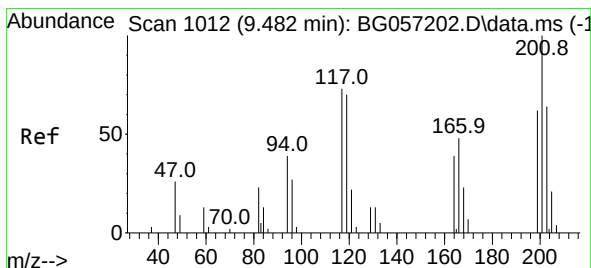
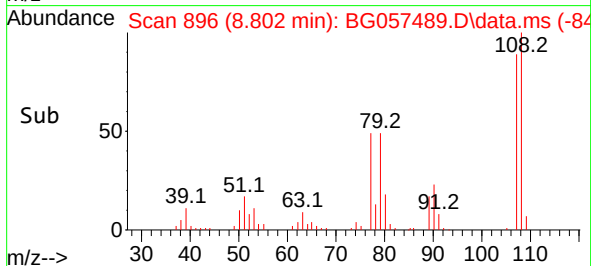
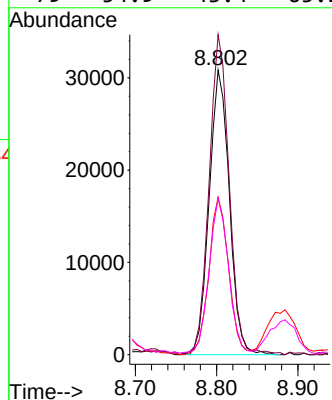
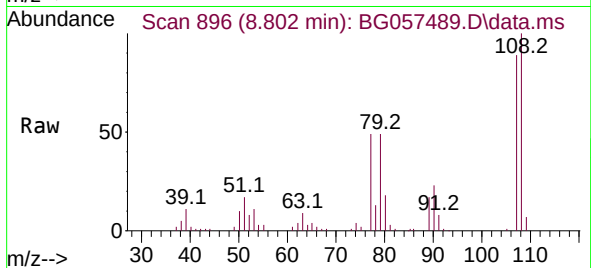
PB152895BS

Tgt Ion:107 Resp: 5321
Ion Ratio Lower Upper
107 100
108 112.5 89.5 134.3
77 55.3 45.1 67.7
79 54.9 43.4 65.2

Manual Integrations

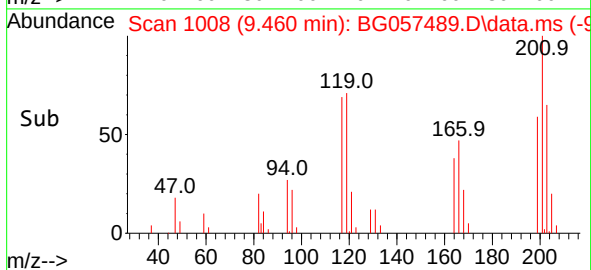
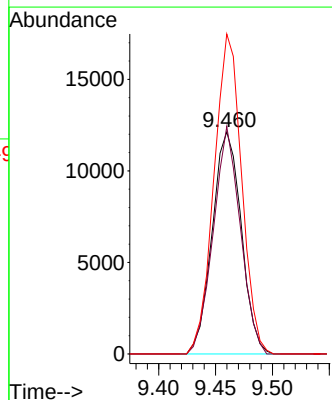
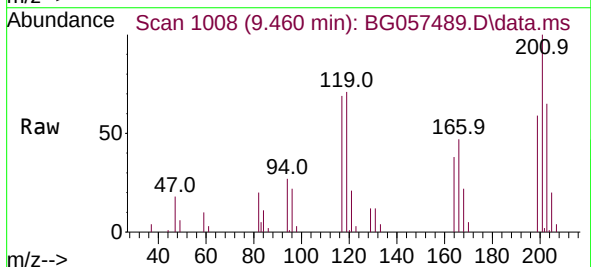
APPROVED

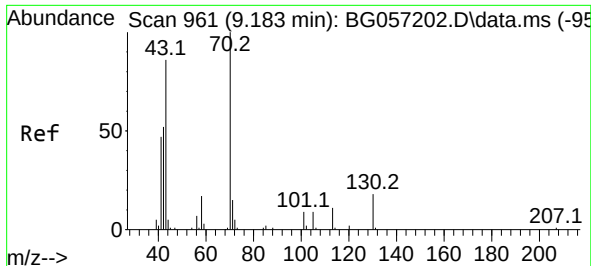
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#18
Hexachloroethane
Concen: 42.813 ng
RT: 9.460 min Scan# 1008
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:117 Resp: 21525
Ion Ratio Lower Upper
117 100
119 102.3 76.7 115.1
201 144.0 109.0 163.4





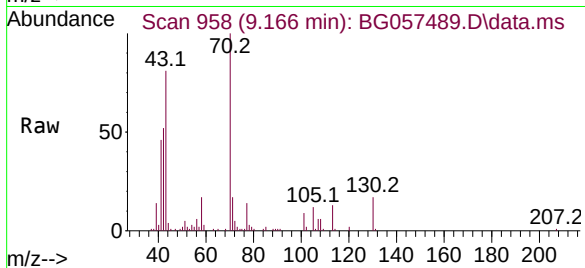
#19
n-Nitroso-di-n-propylamine
Concen: 36.187 ng
RT: 9.166 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

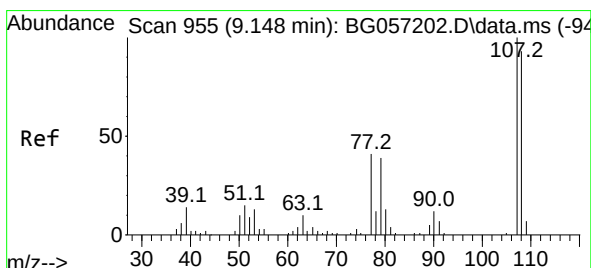
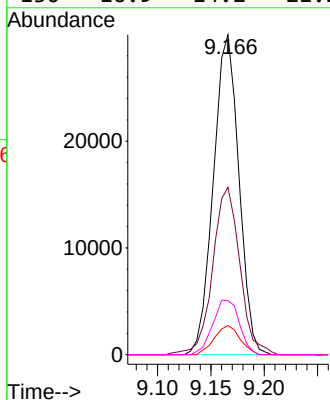
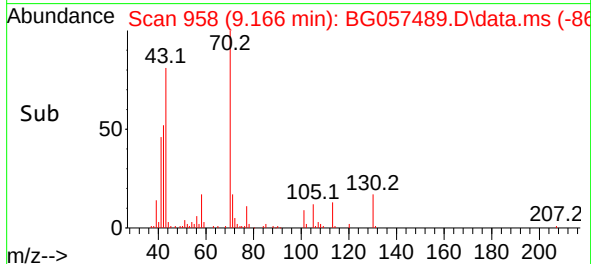


Tgt Ion: 70 Resp: 4983
Ion Ratio Lower Upper
70 100
42 52.3 41.8 62.8
101 9.1 6.8 10.2
130 16.9 14.2 21.2

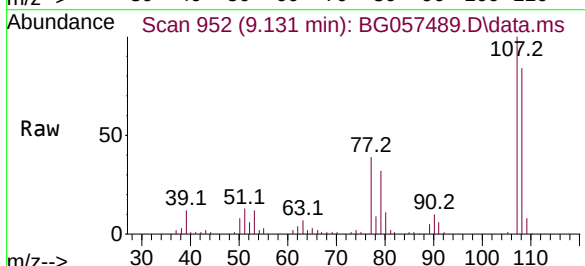
Manual Integrations

APPROVED

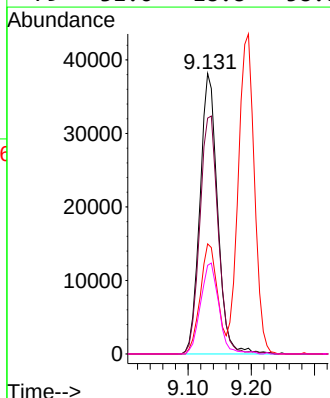
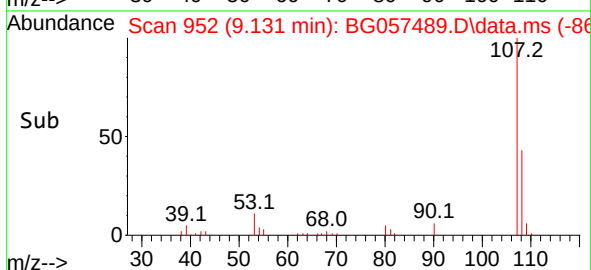
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

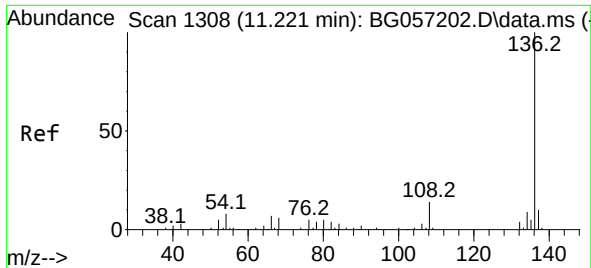


#20
3+4-Methylphenols
Concen: 42.621 ng
RT: 9.131 min Scan# 952
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:107 Resp: 74062
Ion Ratio Lower Upper
107 100
108 84.1 73.5 113.5
77 39.2 21.1 61.1
79 31.6 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

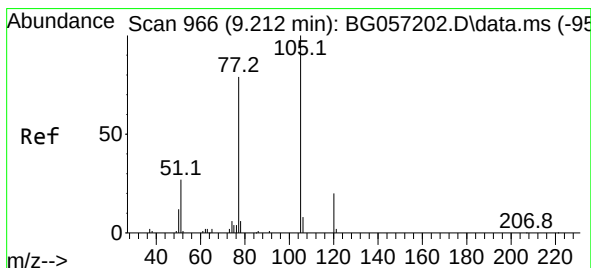
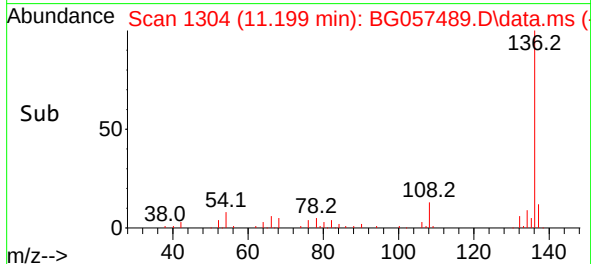
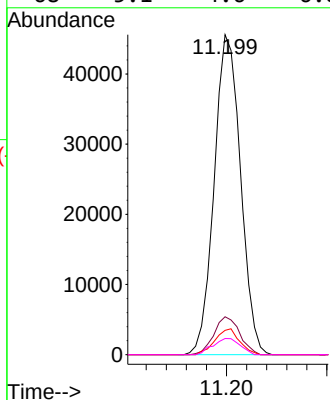
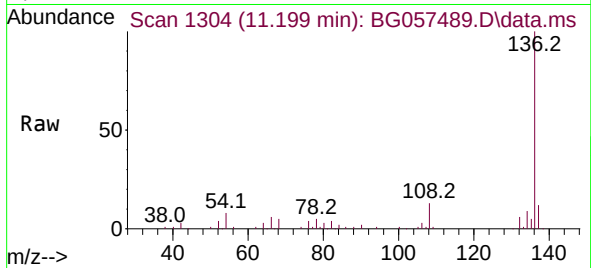
PB152895BS

Tgt Ion:136 Resp: 8296
Ion Ratio Lower Upper
136 100
137 11.8 8.3 12.5
54 7.6 6.7 10.1
68 5.1 4.6 6.8

Manual Integrations

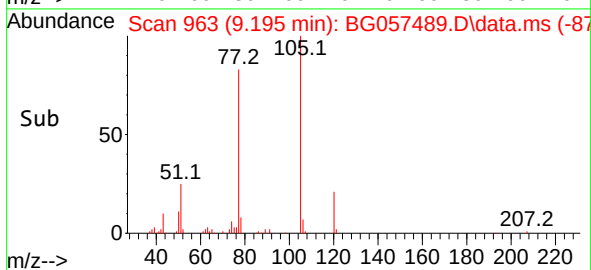
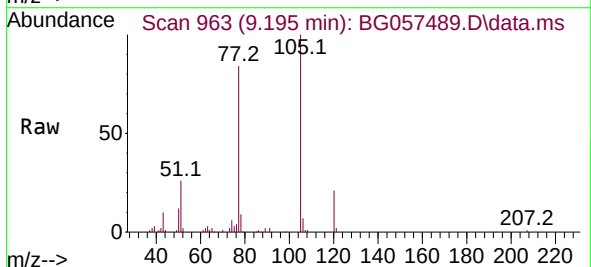
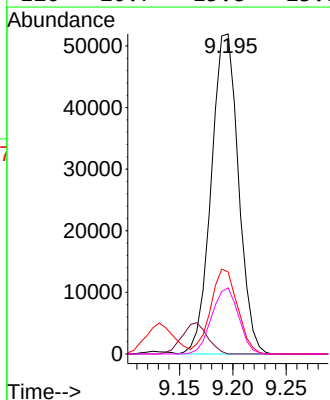
APPROVED

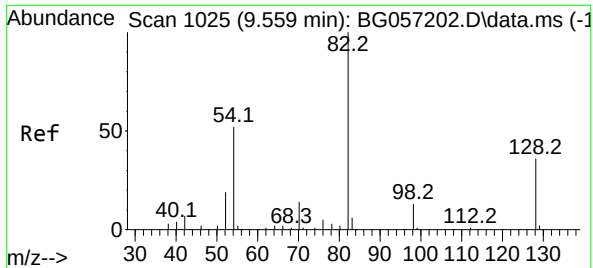
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#22
Acetophenone
Concen: 38.727 ng
RT: 9.195 min Scan# 963
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:105 Resp: 91962
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 25.7 24.0 36.0
120 20.7 15.8 23.8





#23

Nitrobenzene-d5

Concen: 59.841 ng

RT: 9.542 min Scan# 1022

Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

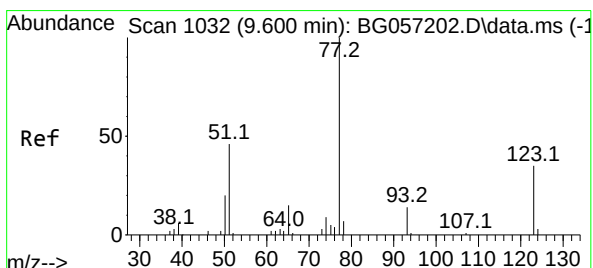
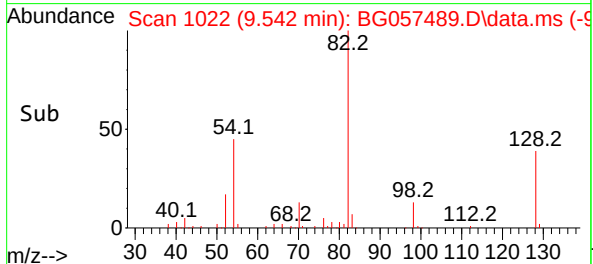
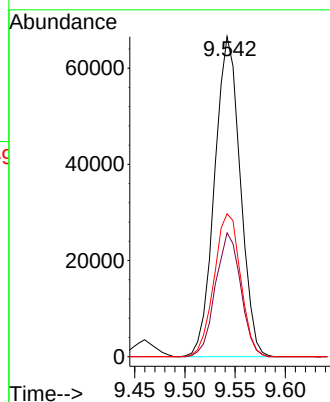
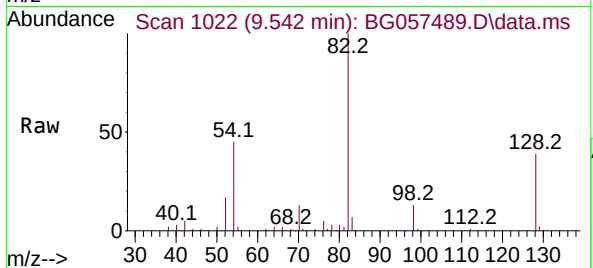
Tgt Ion: 82 Resp: 11829

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.0	43.4
54	44.7	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#24

Nitrobenzene

Concen: 36.691 ng

RT: 9.583 min Scan# 1029

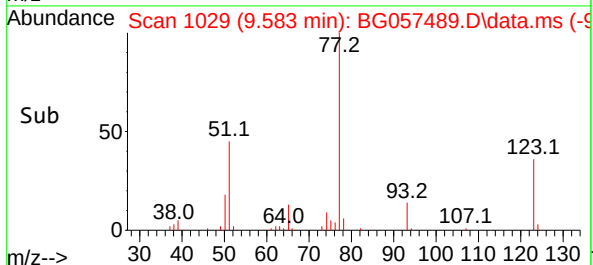
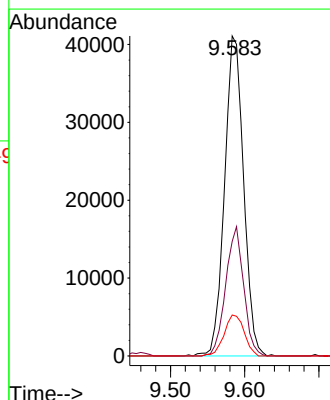
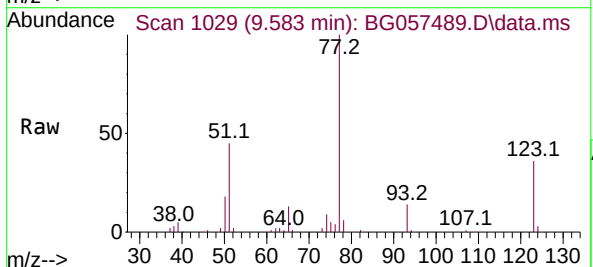
Delta R.T. -0.000 min

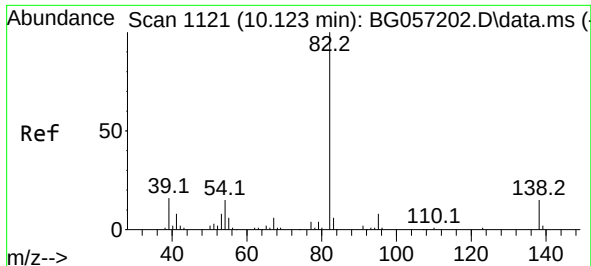
Lab File: BG057489.D

Acq: 22 May 2023 11:46

Tgt Ion: 77 Resp: 73207

Ion	Ratio	Lower	Upper
77	100		
123	35.8	28.2	42.2
65	12.8	11.7	17.5





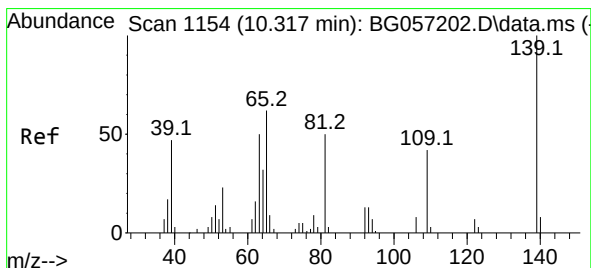
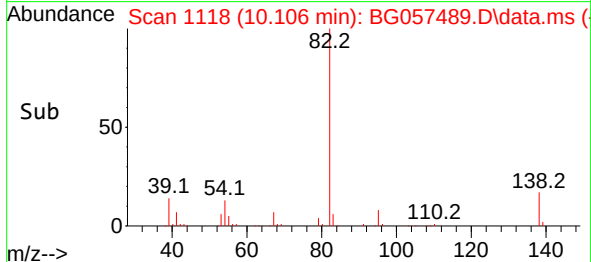
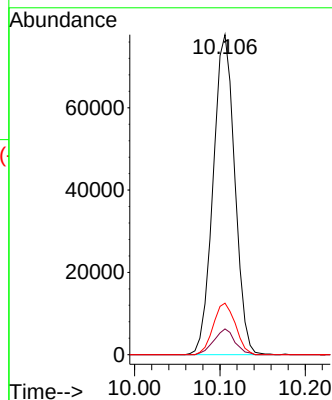
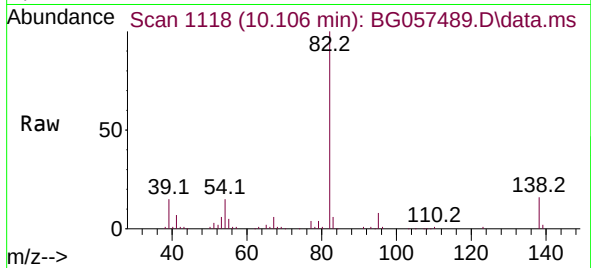
#25
Isophorone
Concen: 35.691 ng
RT: 10.106 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB152895BS

Tgt Ion: 82 Resp: 13681
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.1 12.3 18.5

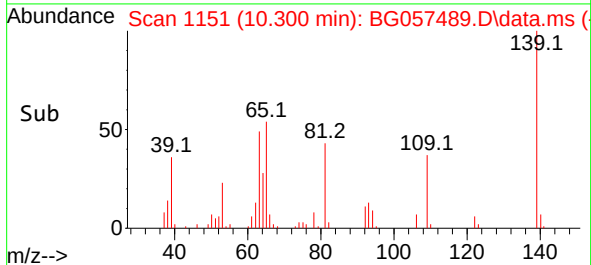
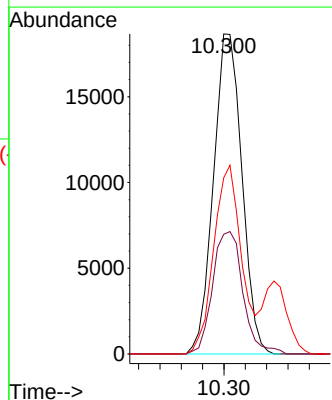
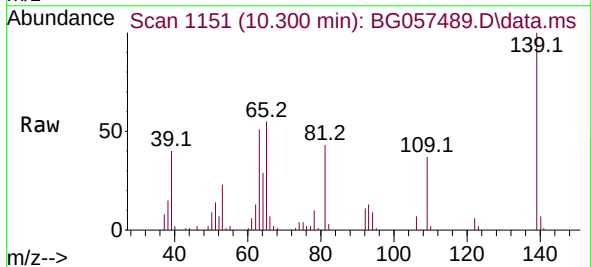
Manual Integrations
APPROVED

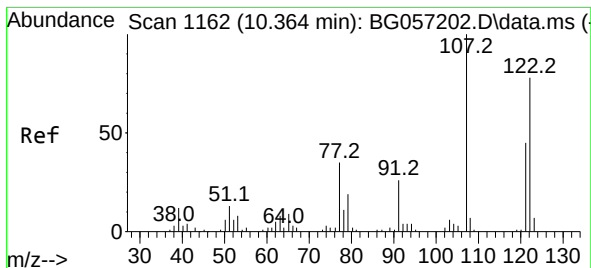
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#26
2-Nitrophenol
Concen: 45.209 ng
RT: 10.300 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:139 Resp: 34527
Ion Ratio Lower Upper
139 100
109 37.4 33.4 50.2
65 55.0 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 44.924 ng
RT: 10.347 min Scan# 1162
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

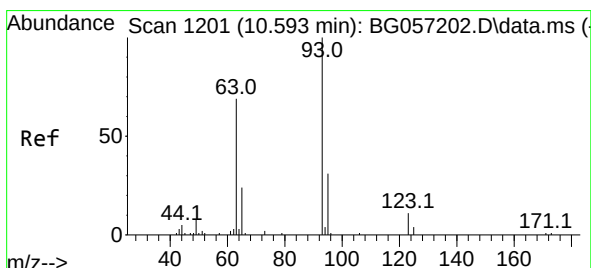
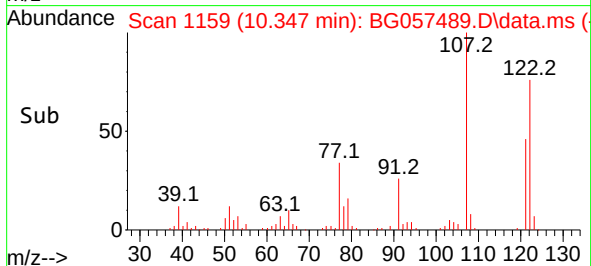
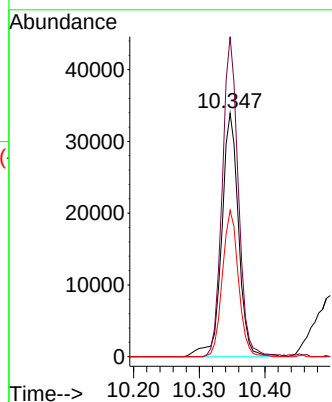
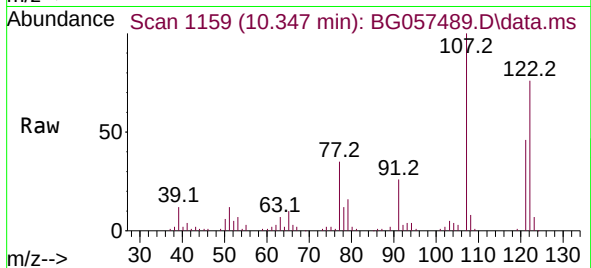
PB152895BS

Tgt Ion:122 Resp: 60070
Ion Ratio Lower Upper
122 100
107 131.5 103.0 154.4
121 60.1 45.9 68.9

Manual Integrations

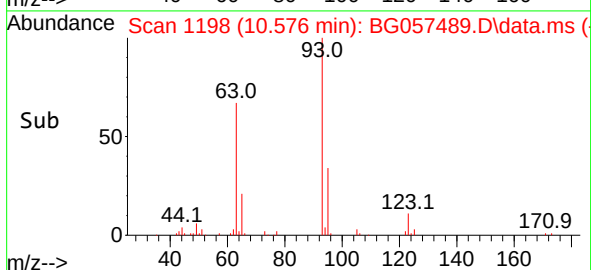
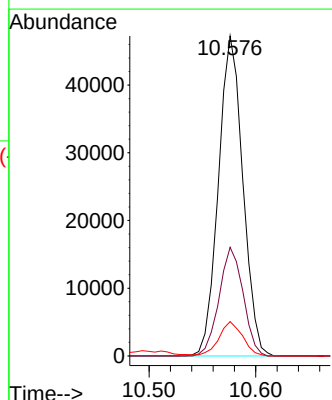
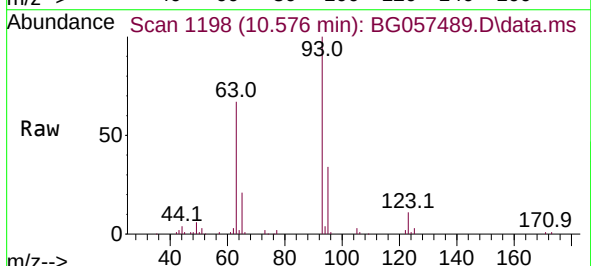
APPROVED

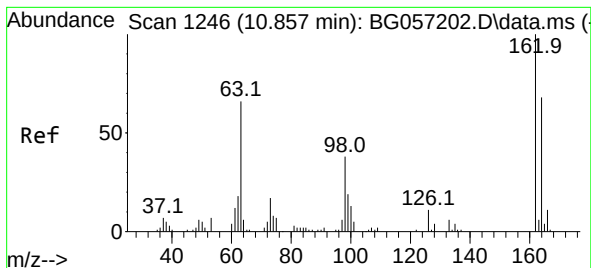
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.064 ng
RT: 10.576 min Scan# 1198
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion: 93 Resp: 75016
Ion Ratio Lower Upper
93 100
95 33.9 25.0 37.6
123 10.7 8.5 12.7





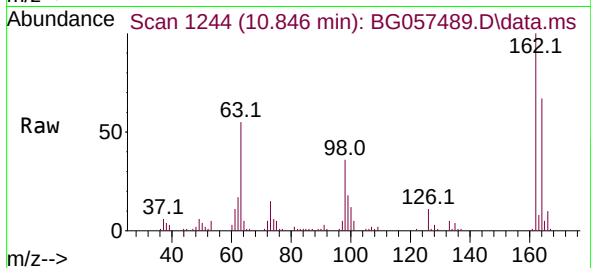
#29
2,4-Dichlorophenol
Concen: 45.452 ng
RT: 10.846 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

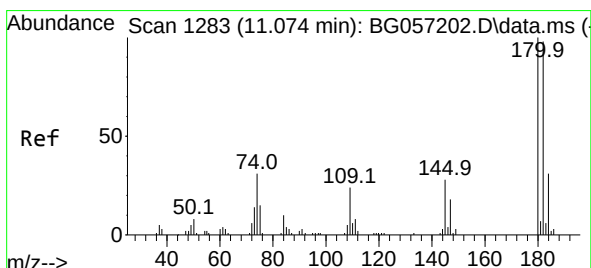
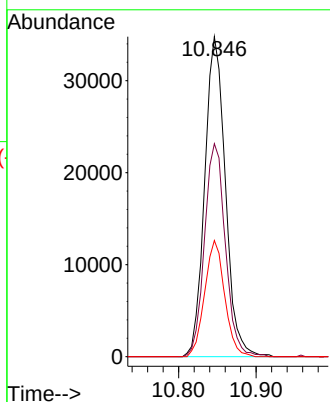
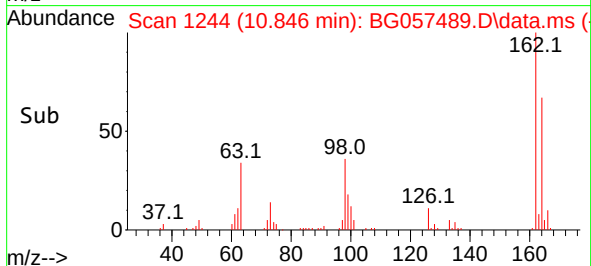


Tgt Ion:162 Resp: 6446
Ion Ratio Lower Upper
162 100
164 66.6 48.4 88.4
98 36.3 17.6 57.6

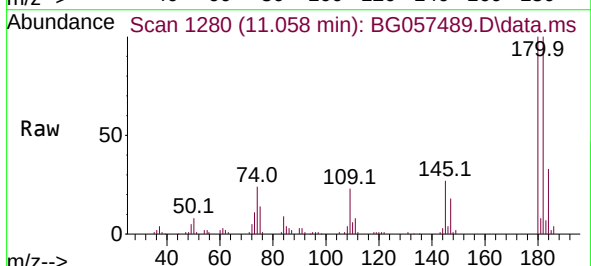
Manual Integrations

APPROVED

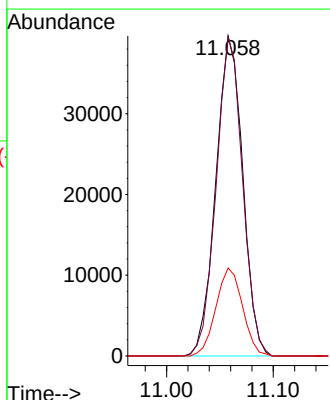
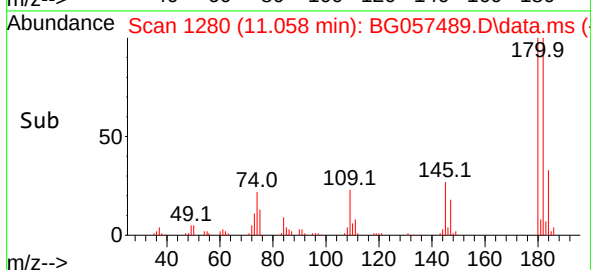
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

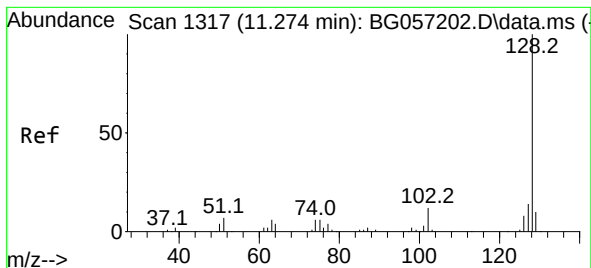


#30
1,2,4-Trichlorobenzene
Concen: 42.335 ng
RT: 11.058 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



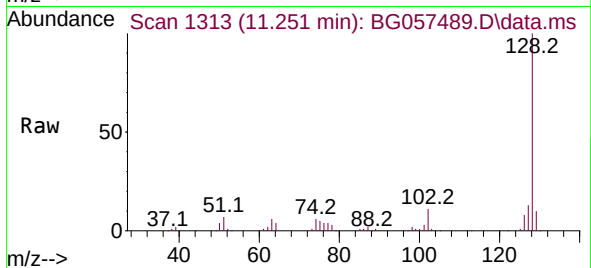
Tgt Ion:180 Resp: 69258
Ion Ratio Lower Upper
180 100
182 99.7 78.0 117.0
145 27.5 22.4 33.6





#31
Naphthalene
Concen: 40.455 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

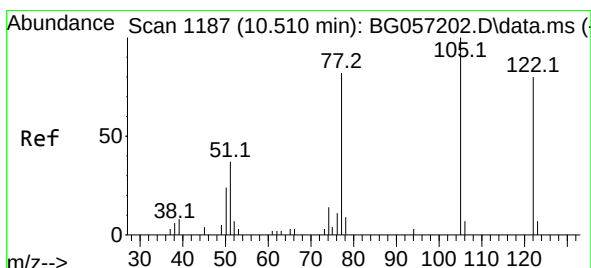
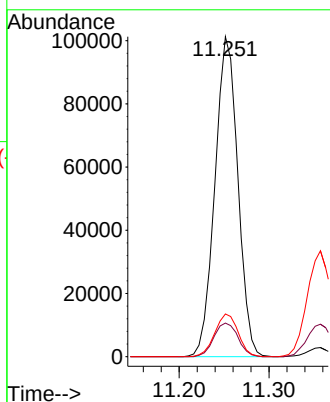
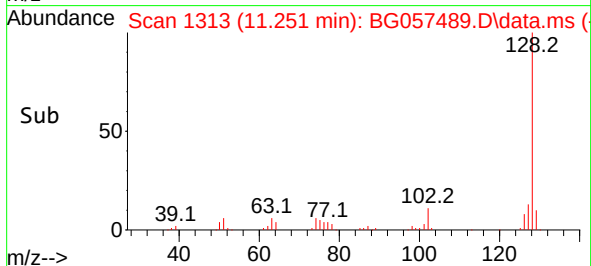
Instrument :
BNA_G
ClientSampleId :
PB152895BS



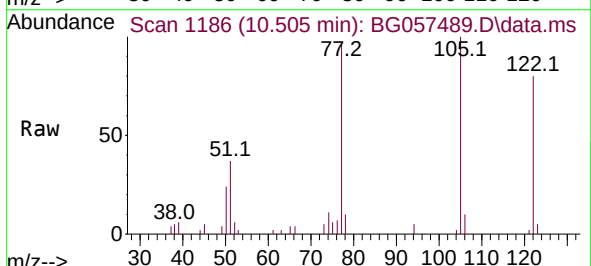
Tgt Ion:128 Resp: 17944
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.3 11.1 16.7

Manual Integrations
APPROVED

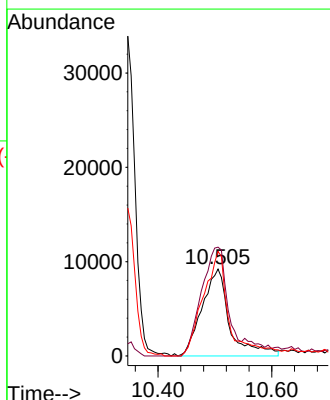
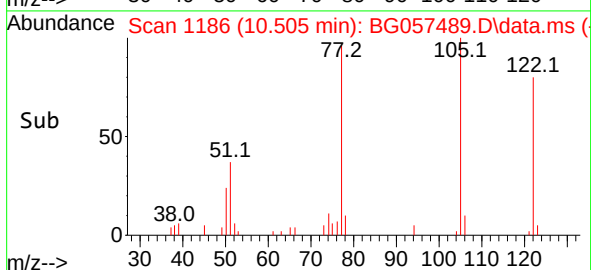
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

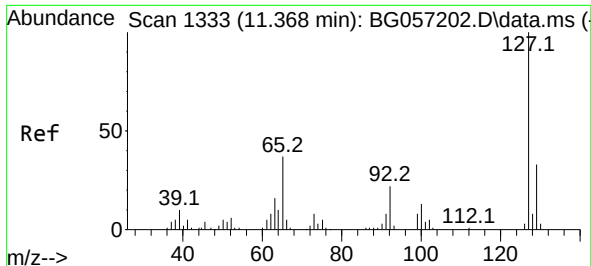


#32
Benzoic acid
Concen: 41.032 ng
RT: 10.505 min Scan# 1186
Delta R.T. 0.017 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:122 Resp: 31056
Ion Ratio Lower Upper
122 100
105 125.1 105.2 145.2
77 120.1 83.1 123.1





#33
4-Chloroaniline
Concen: 33.165 ng
RT: 11.357 min Scan# 1133
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

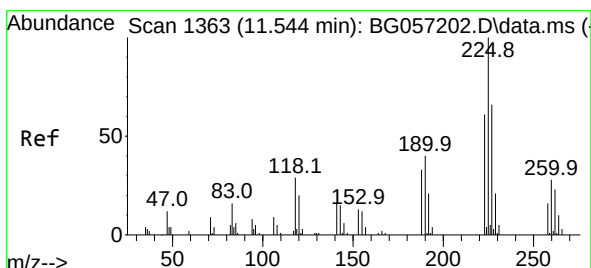
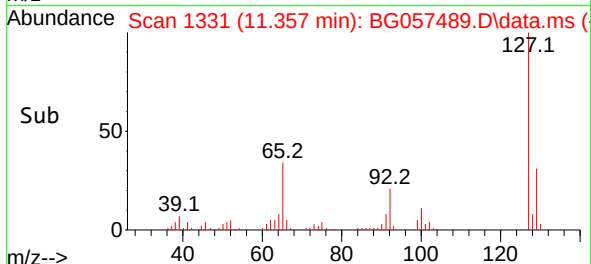
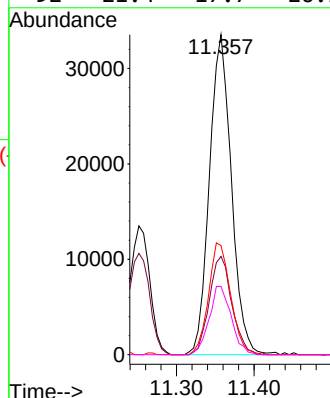
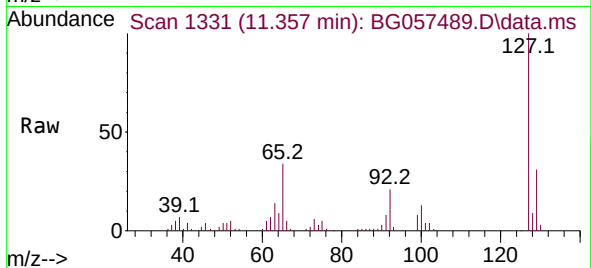
PB152895BS

Tgt Ion:127	Resp: 6606
Ion Ratio	Lower Upper
127 100	
129 30.7	26.7 40.1
65 34.1	29.7 44.5
92 21.4	17.7 26.5

Manual Integrations

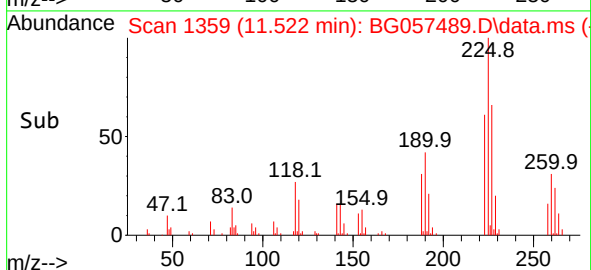
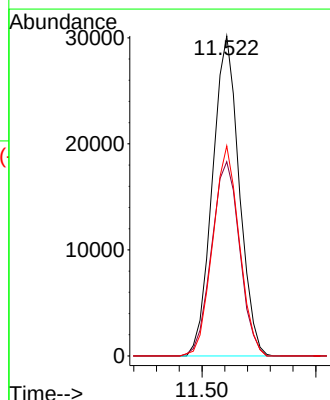
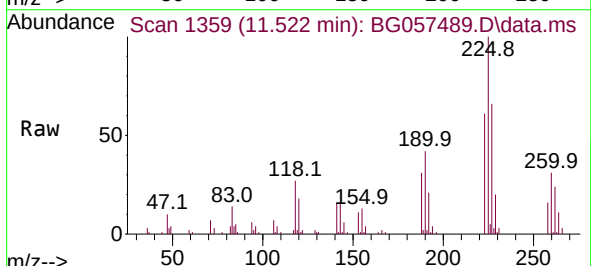
APPROVED

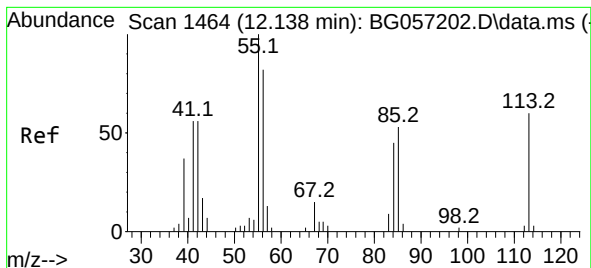
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#34
Hexachlorobutadiene
Concen: 40.560 ng
RT: 11.522 min Scan# 1359
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:225	Resp: 49235
Ion Ratio	Lower Upper
225 100	
223 60.7	48.6 72.8
227 65.7	52.7 79.1





#35
Caprolactam
Concen: 44.244 ng m
RT: 12.127 min Scan# 1462
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

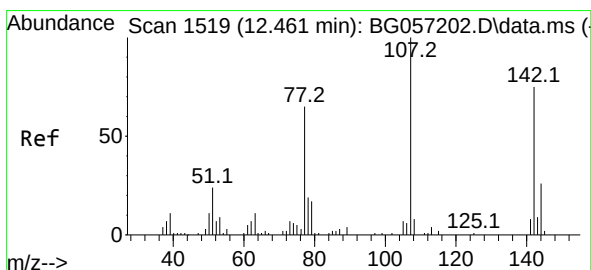
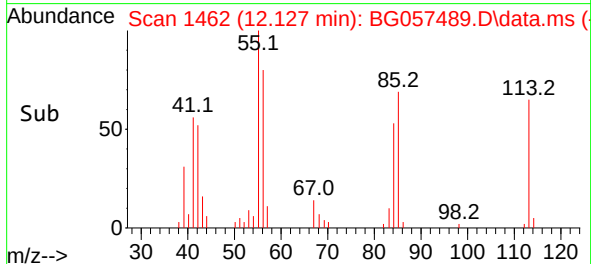
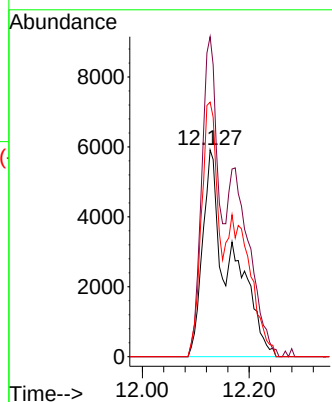
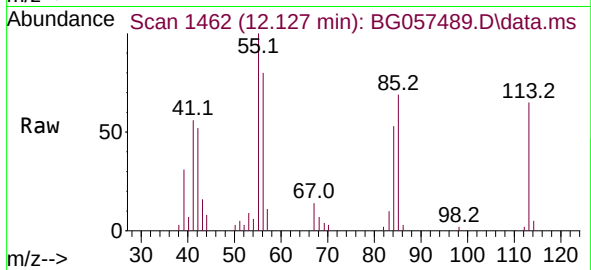
PB152895BS

Tgt Ion:113 Resp: 21430
Ion Ratio Lower Upper
113 100
55 154.8 145.5 185.5
56 123.2 115.9 155.9

Manual Integrations

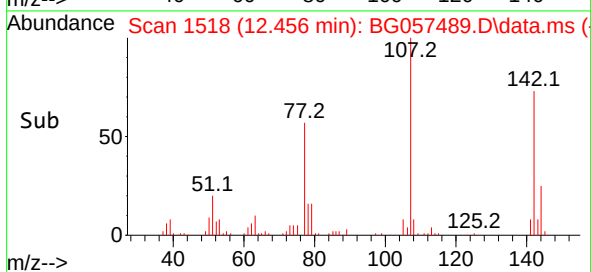
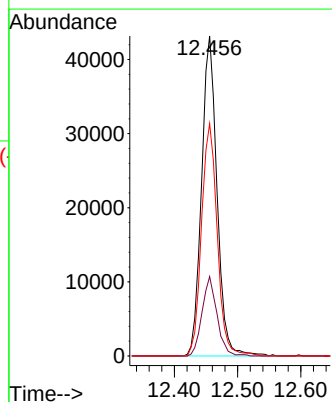
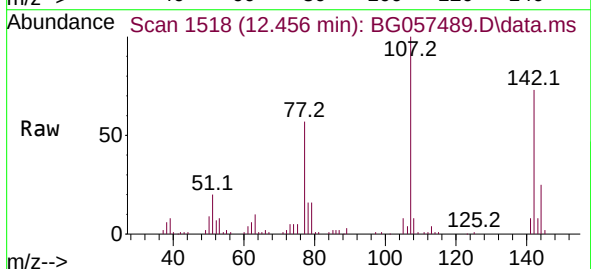
APPROVED

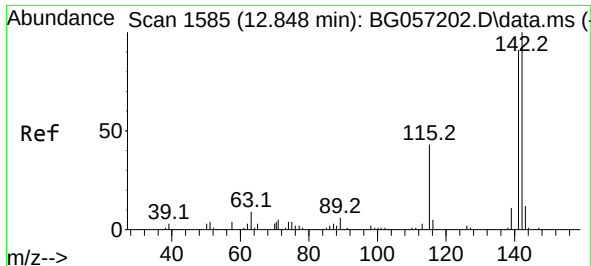
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#36
4-Chloro-3-methylphenol
Concen: 45.459 ng
RT: 12.456 min Scan# 1518
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:107 Resp: 73273
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 72.6 60.0 90.0





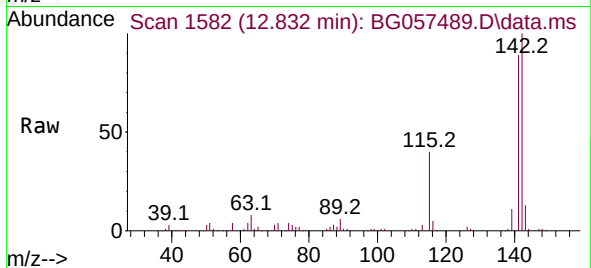
#37
2-Methylnaphthalene
Concen: 39.366 ng
RT: 12.832 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

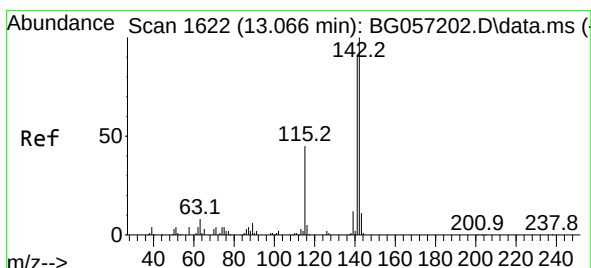
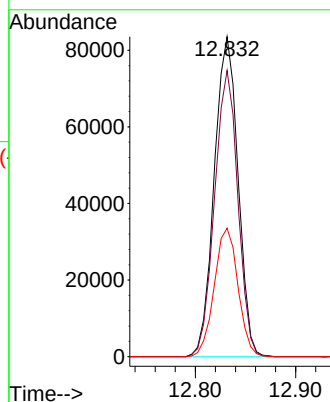
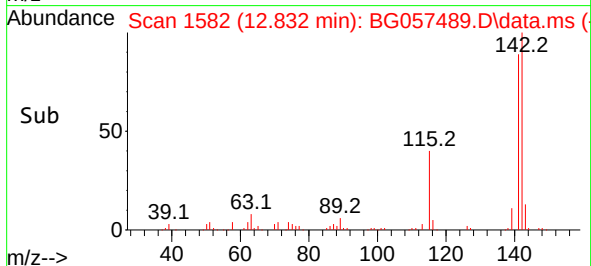


Tgt Ion:142 Resp: 13728
Ion Ratio Lower Upper
142 100
141 89.5 73.1 109.7
115 40.2 34.6 52.0

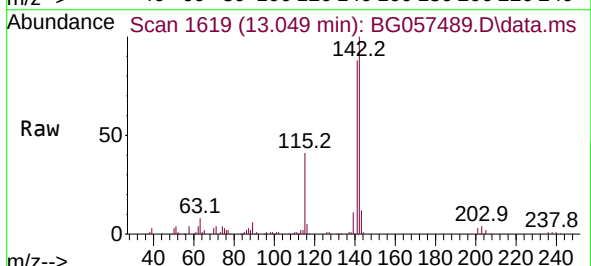
Manual Integrations

APPROVED

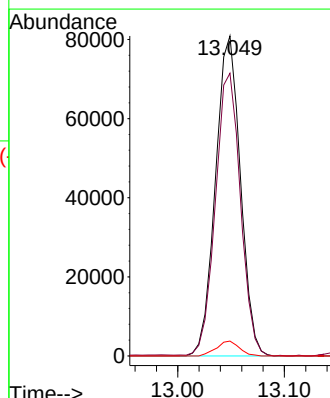
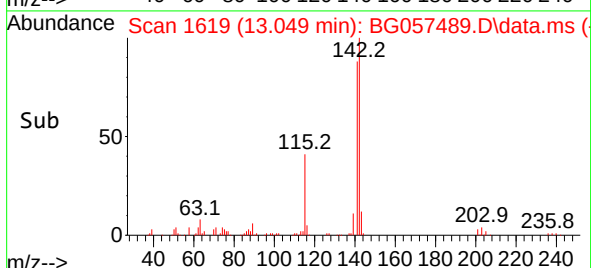
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

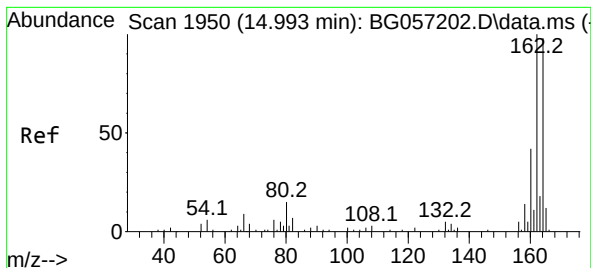


#38
1-Methylnaphthalene
Concen: 39.951 ng
RT: 13.049 min Scan# 1619
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:142 Resp: 131320
Ion Ratio Lower Upper
142 100
141 88.4 72.5 108.7
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.982 min Scan# 1950

Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

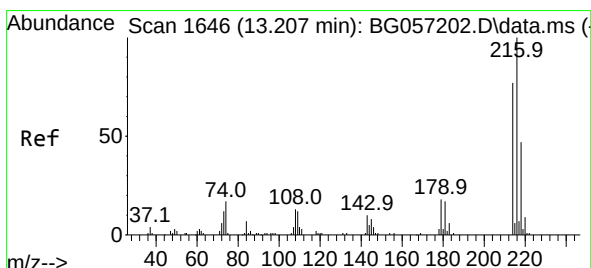
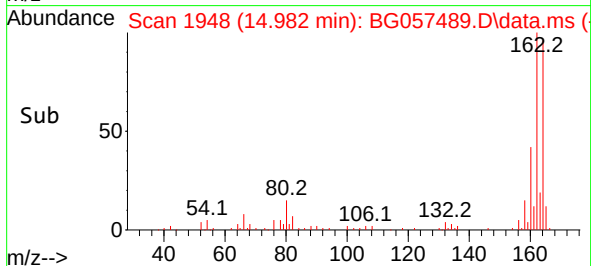
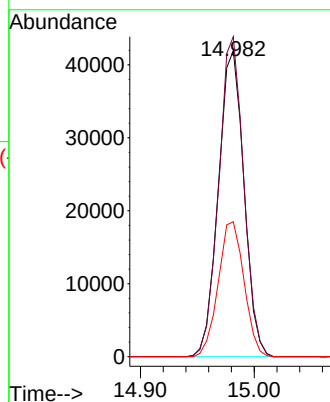
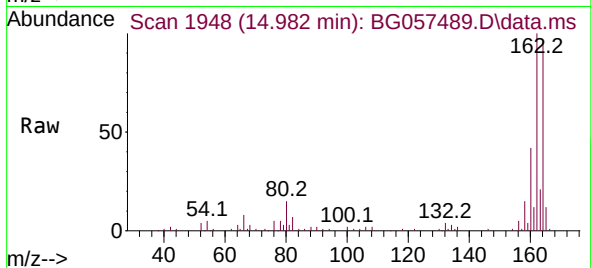
PB152895BS

Tgt Ion:164	Resp:	6552
Ion Ratio	Lower	Upper
164	100	
162	104.6	81.8 122.6
160	44.1	34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.543 ng

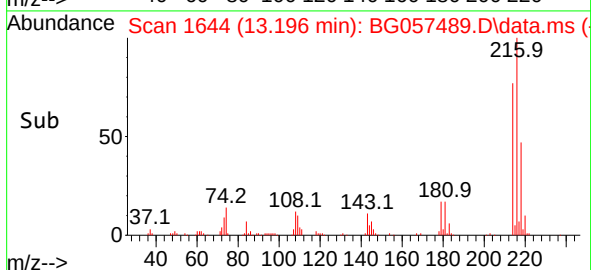
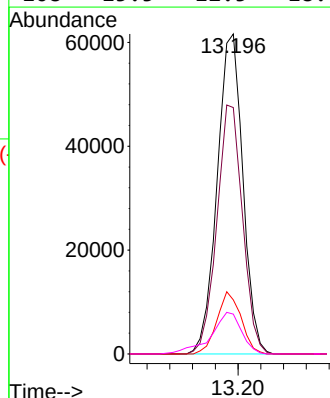
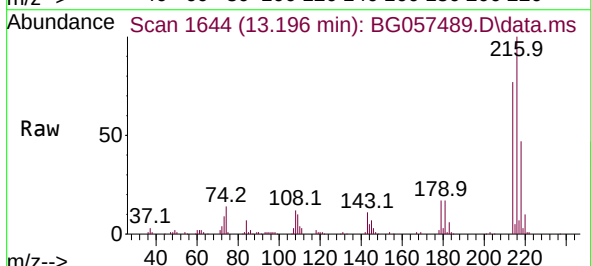
RT: 13.196 min Scan# 1644

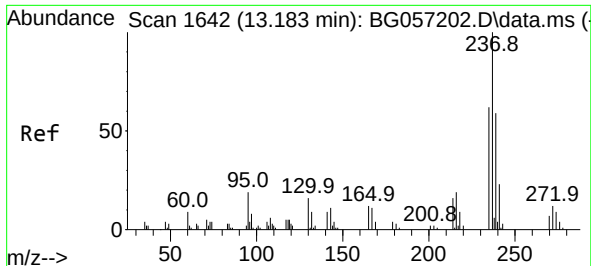
Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

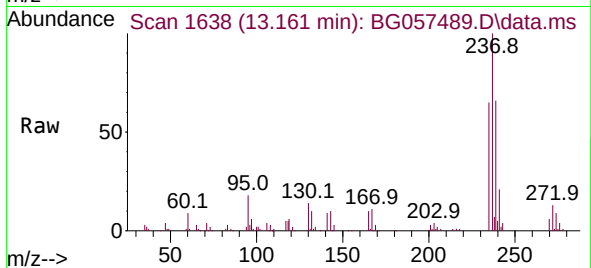
Tgt Ion:216	Resp:	96634
Ion Ratio	Lower	Upper
216	100	
214	77.7	63.7 95.5
179	18.3	14.6 22.0
108	15.5	12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 76.546 ng
RT: 13.161 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

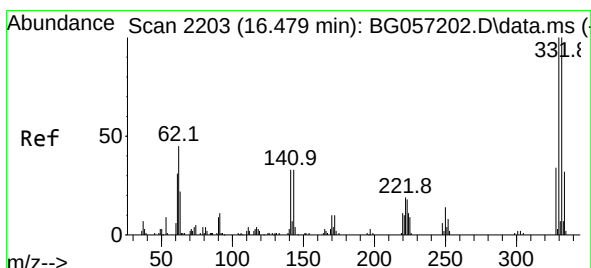
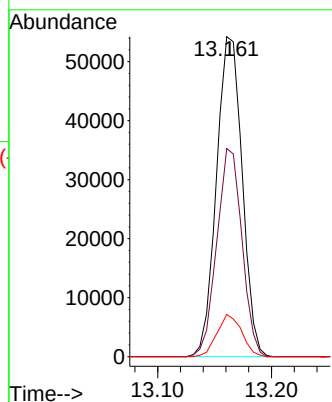
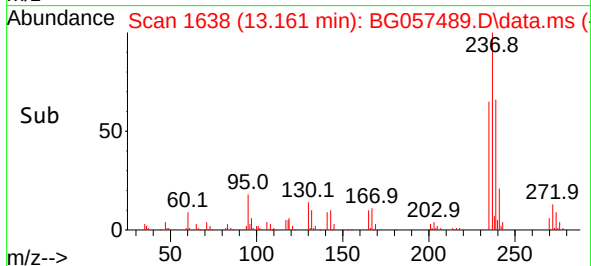
Instrument :
BNA_G
ClientSampleId :
PB152895BS



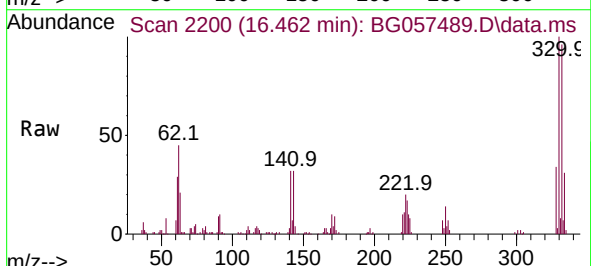
Tgt Ion:237 Resp: 85254
Ion Ratio Lower Upper
237 100
235 65.0 42.0 82.0
272 13.2 0.0 31.5

Manual Integrations
APPROVED

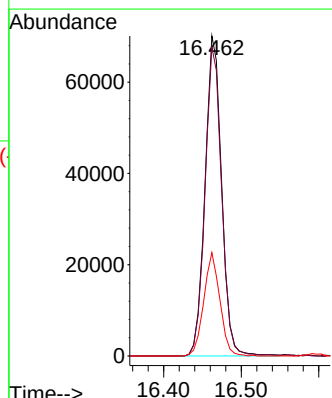
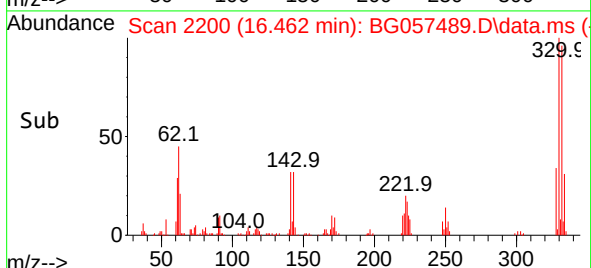
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

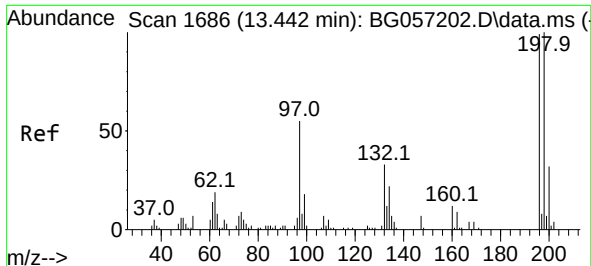


#42
2,4,6-Tribromophenol
Concen: 111.953 ng
RT: 16.462 min Scan# 2200
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



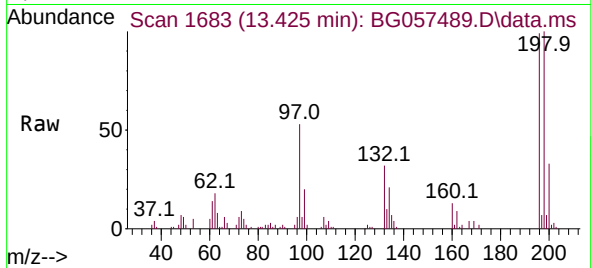
Tgt Ion:330 Resp: 104081
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 31.4 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 44.390 ng
RT: 13.425 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

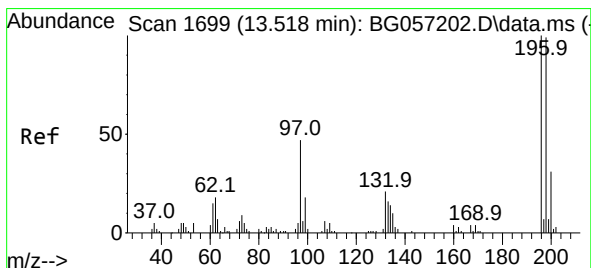
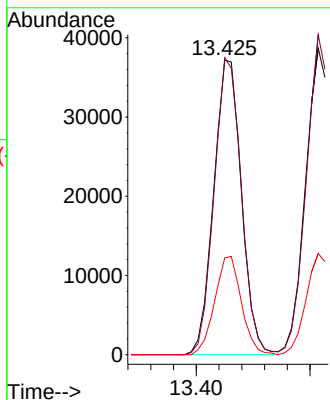
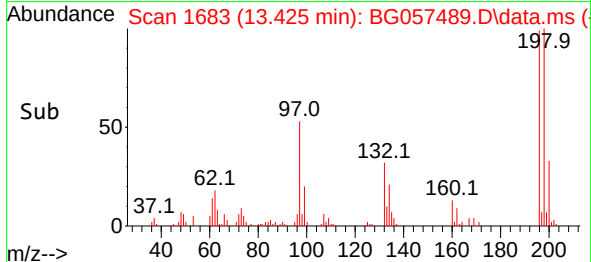
Instrument :
BNA_G
ClientSampleId :
PB152895BS



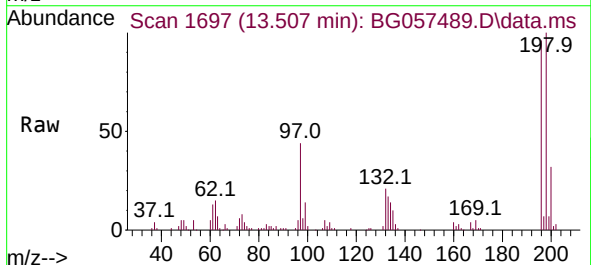
Tgt Ion:196 Resp: 6290
Ion Ratio Lower Upper
196 100
198 100.9 81.2 121.8
200 32.9 26.3 39.5

Manual Integrations
APPROVED

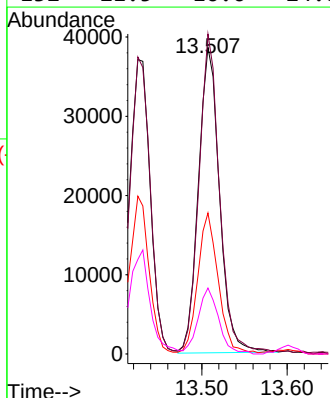
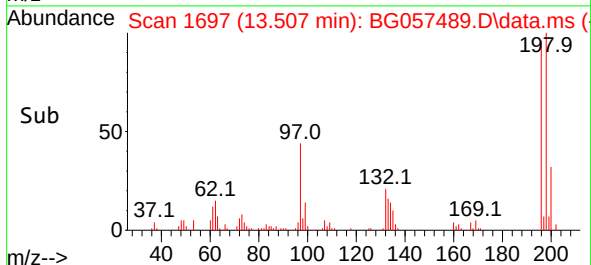
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

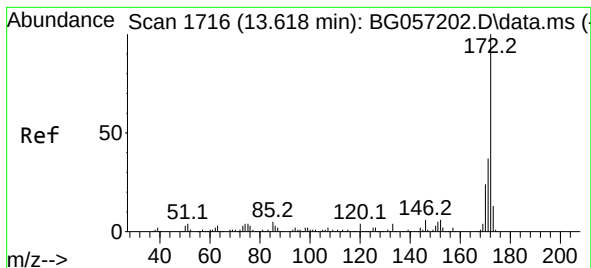


#44
2,4,5-Trichlorophenol
Concen: 39.773 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



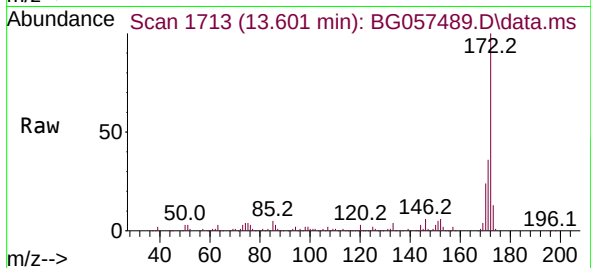
Tgt Ion:196 Resp: 66300
Ion Ratio Lower Upper
196 100
198 104.4 79.4 119.2
97 46.0 37.0 55.4
132 21.5 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 64.268 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

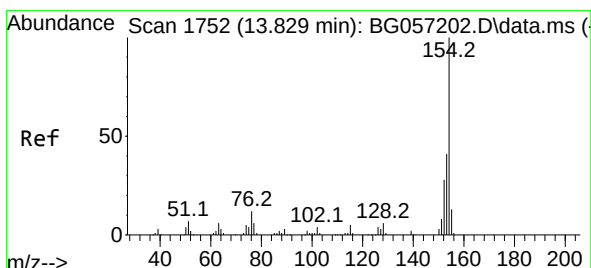
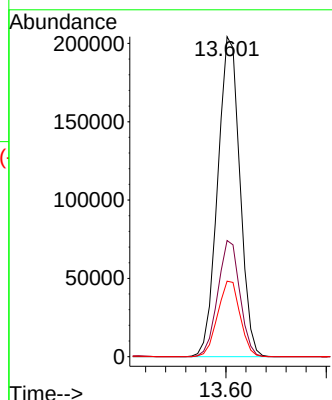
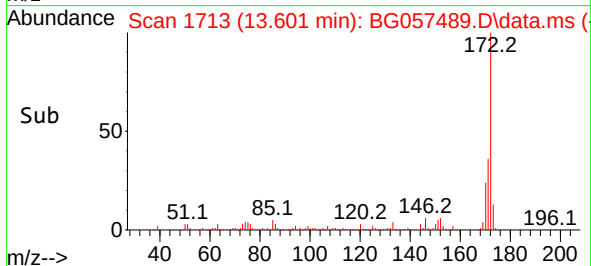
Instrument :
BNA_G
ClientSampleId :
PB152895BS



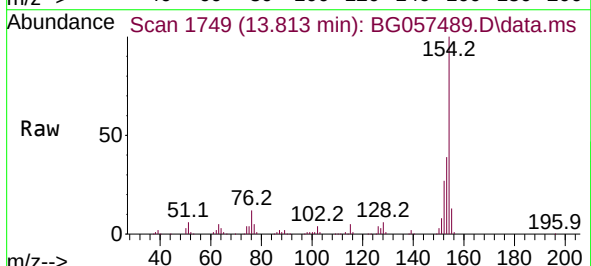
Tgt Ion:172 Resp: 312660
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.6 19.0 28.6

Manual Integrations
APPROVED

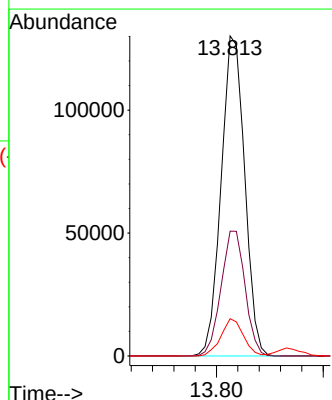
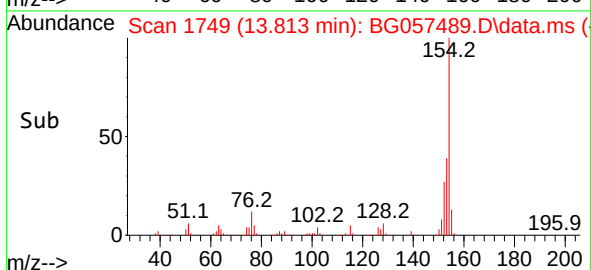
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

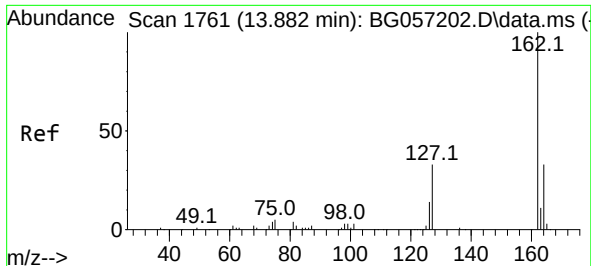


#46
1,1'-Biphenyl
Concen: 41.000 ng
RT: 13.813 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:154 Resp: 199339
Ion Ratio Lower Upper
154 100
153 39.0 20.9 60.9
76 11.6 0.0 31.7





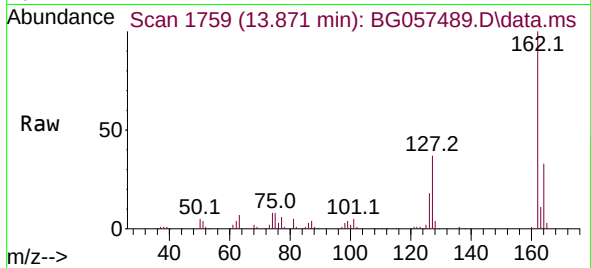
#47
2-Chloronaphthalene
Concen: 42.154 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

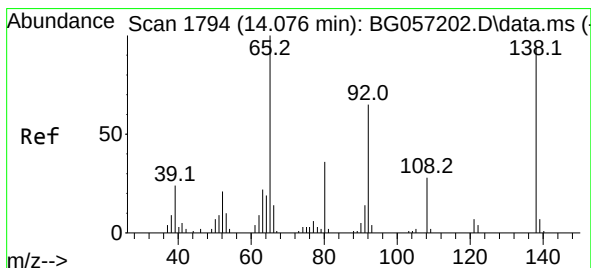
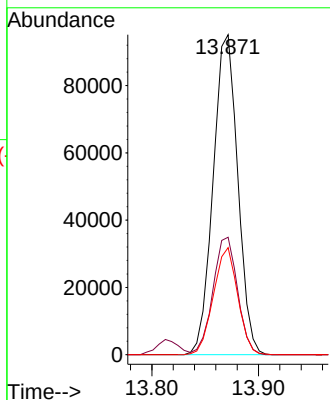
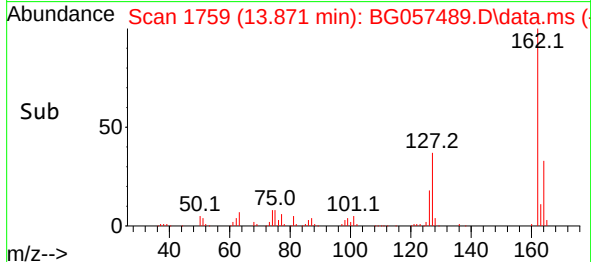


Tgt Ion:162 Resp: 152400
Ion Ratio Lower Upper
162 100
127 36.7 29.8 44.6
164 33.5 26.6 40.0

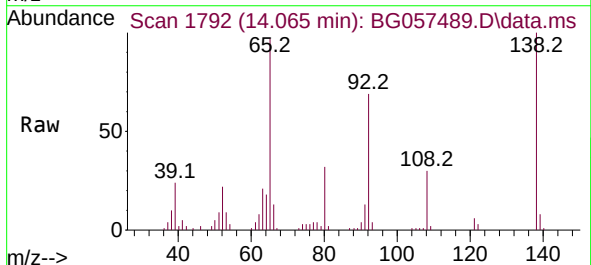
Manual Integrations

APPROVED

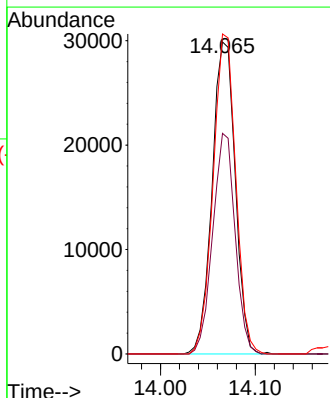
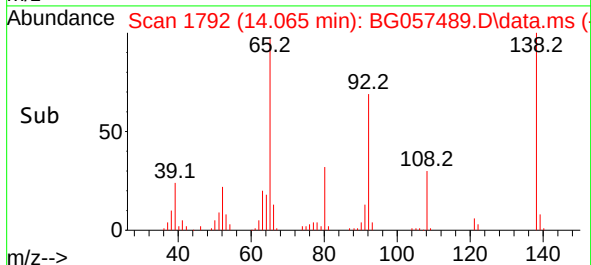
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

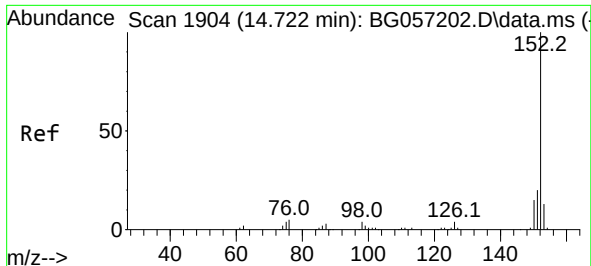


#48
2-Nitroaniline
Concen: 41.161 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion: 65 Resp: 50601
Ion Ratio Lower Upper
65 100
92 70.7 52.1 78.1
138 102.6 75.3 112.9





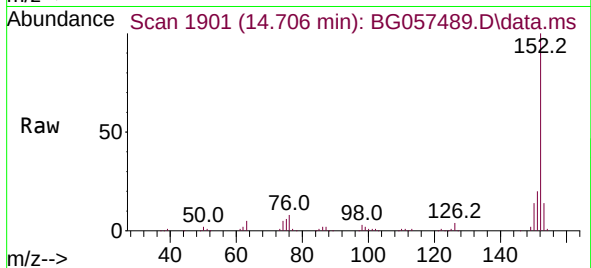
#49
Acenaphthylene
Concen: 41.315 ng
RT: 14.706 min Scan# 1901
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

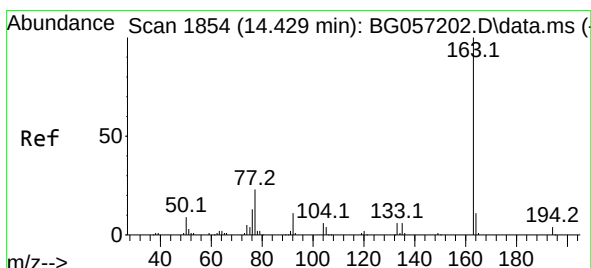
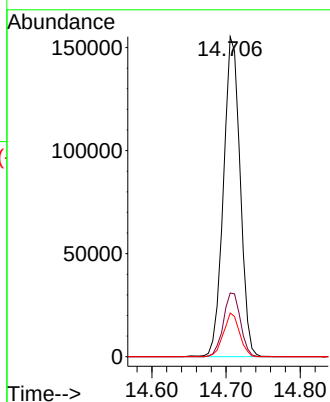
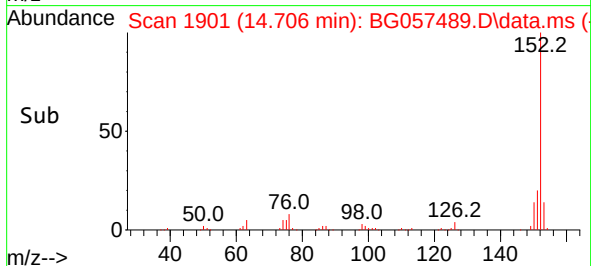


Tgt Ion:152 Resp: 242670
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.6 10.7 16.1

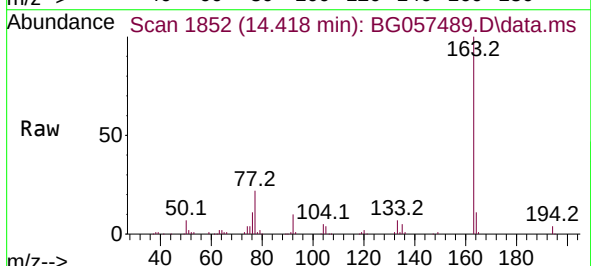
Manual Integrations

APPROVED

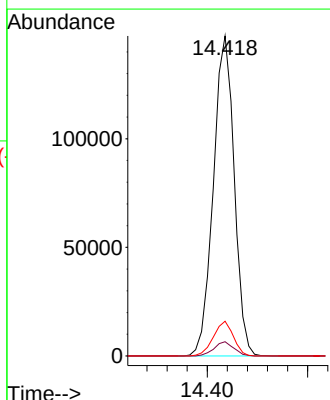
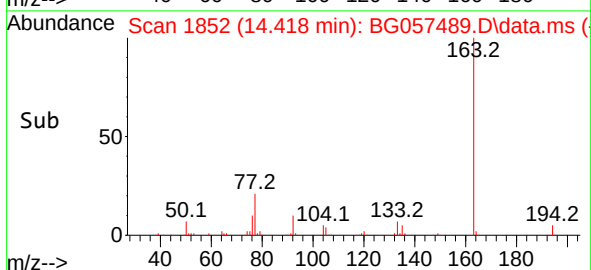
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

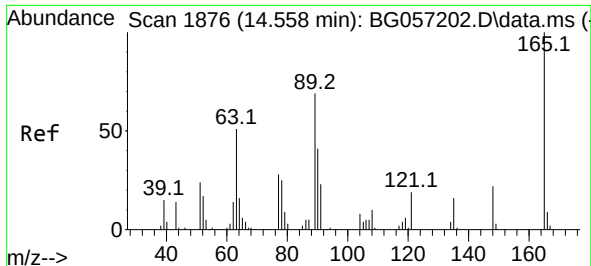


#50
Dimethylphthalate
Concen: 39.468 ng
RT: 14.418 min Scan# 1852
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:163 Resp: 212506
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.9 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 43.563 ng
RT: 14.547 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

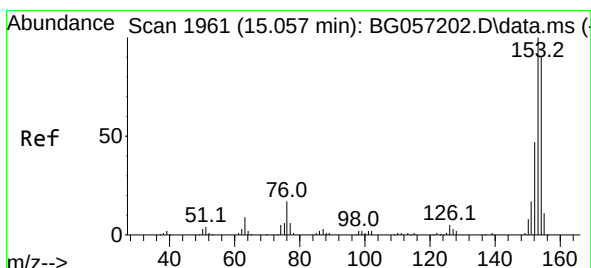
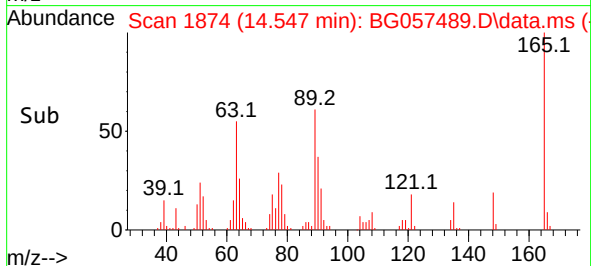
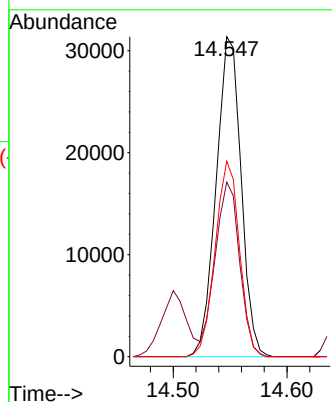
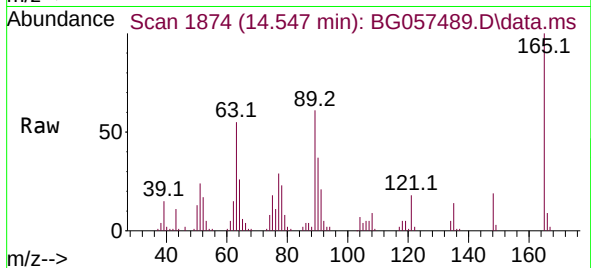
PB152895BS

Tgt Ion:165 Resp: 47890
Ion Ratio Lower Upper
165 100
63 54.6 50.9 76.3
89 61.1 55.2 82.8

Manual Integrations

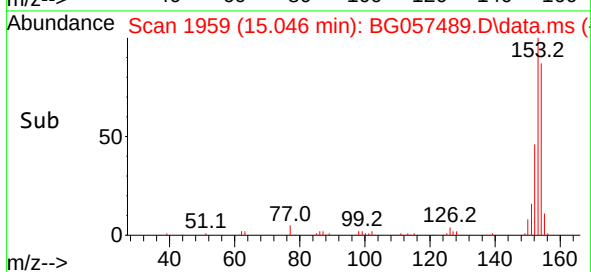
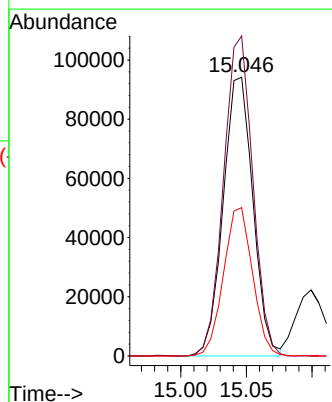
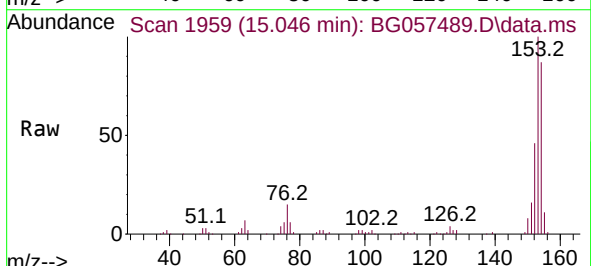
APPROVED

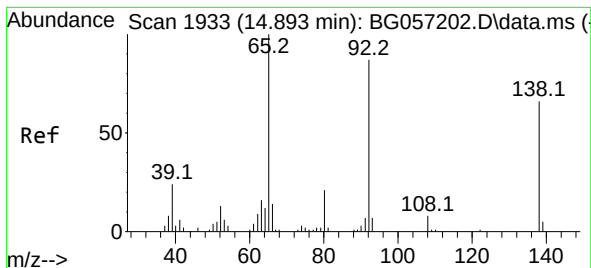
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#52
Acenaphthene
Concen: 40.502 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:154 Resp: 148658
Ion Ratio Lower Upper
154 100
153 114.8 89.3 133.9
152 53.2 41.7 62.5





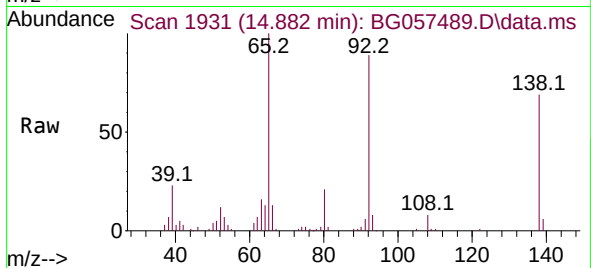
#53
3-Nitroaniline
Concen: 35.199 ng
RT: 14.882 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

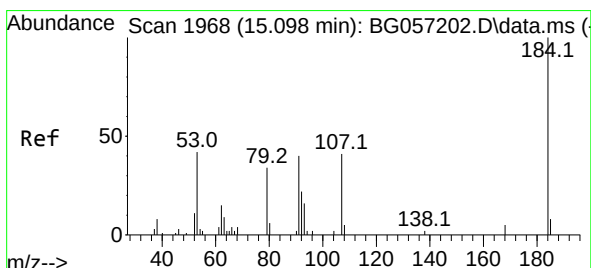
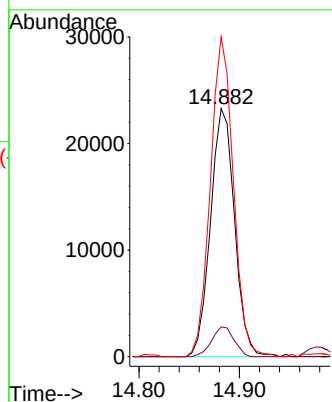
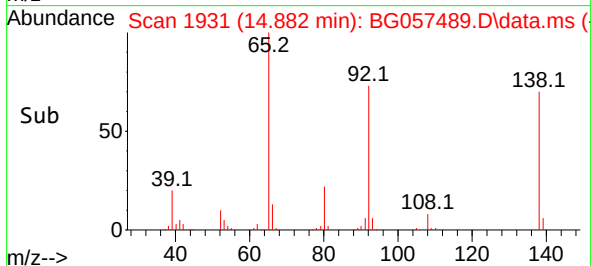


Tgt Ion:138 Resp: 38760
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 128.9 106.2 159.4

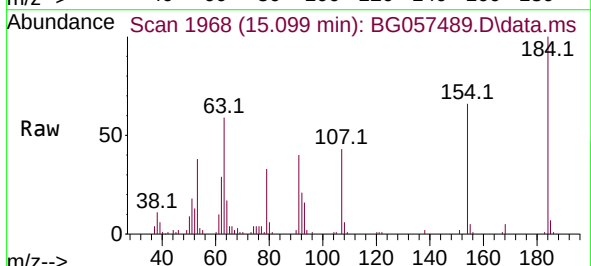
Manual Integrations

APPROVED

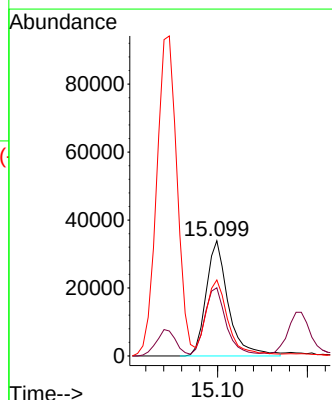
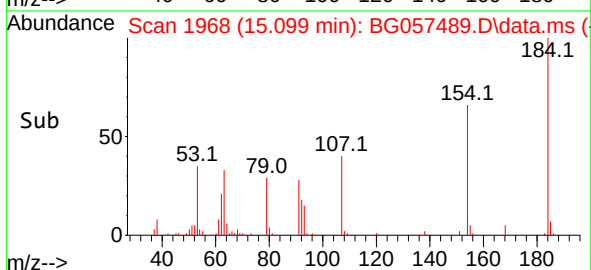
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

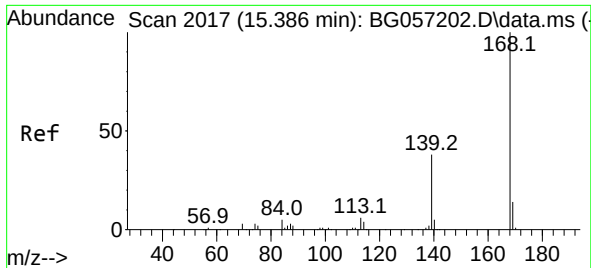


#54
2,4-Dinitrophenol
Concen: 84.729 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:184 Resp: 57895
Ion Ratio Lower Upper
184 100
63 59.2 48.2 72.4
154 65.9 55.4 83.2





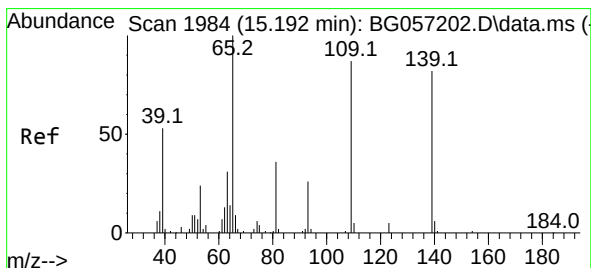
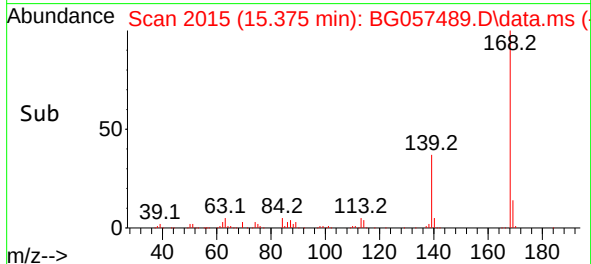
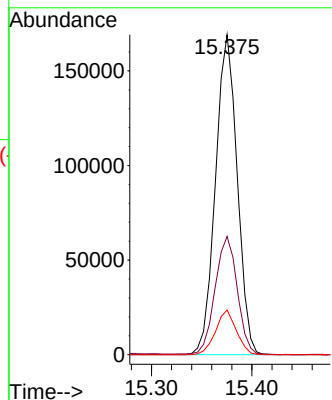
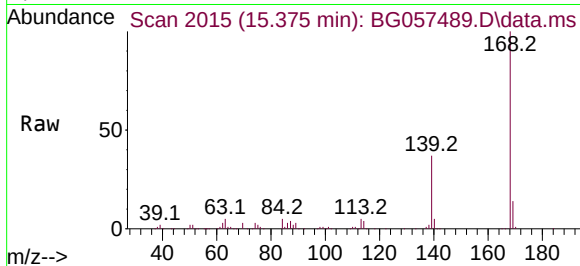
#55
Dibenzenofuran
Concen: 41.136 ng
RT: 15.375 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB152895BS

Tgt Ion:168 Resp: 25368
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 14.0 10.9 16.3

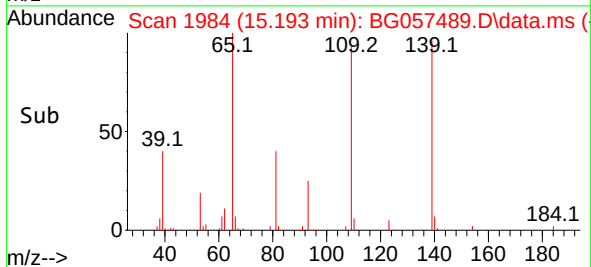
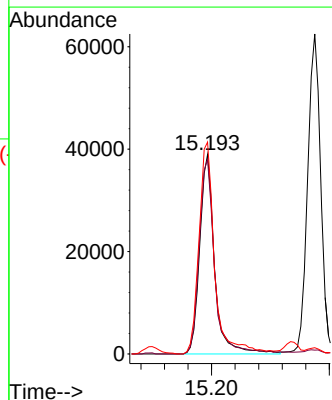
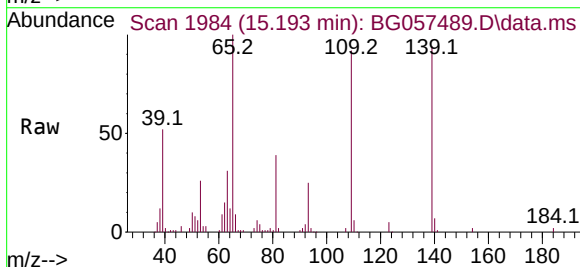
Manual Integrations
APPROVED

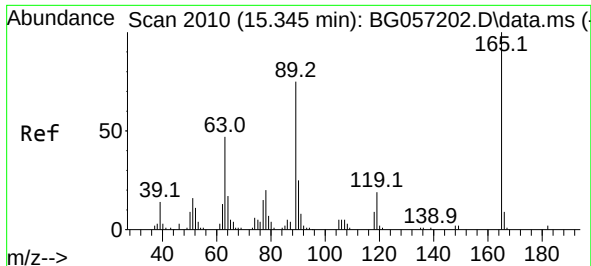
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#56
4-Nitrophenol
Concen: 93.373 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:139 Resp: 68395
Ion Ratio Lower Upper
139 100
109 97.6 86.6 126.6
65 106.3 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 43.146 ng
RT: 15.340 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

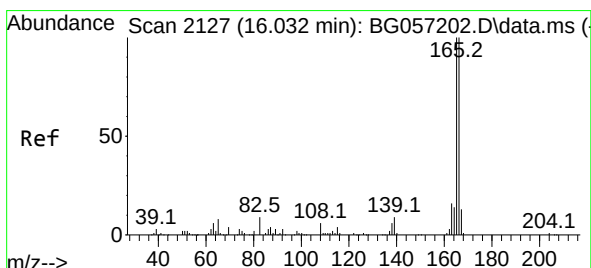
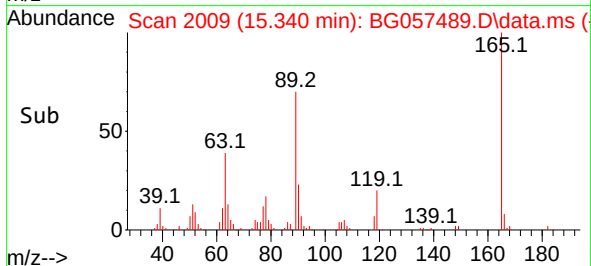
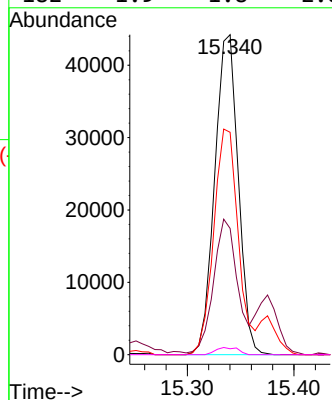
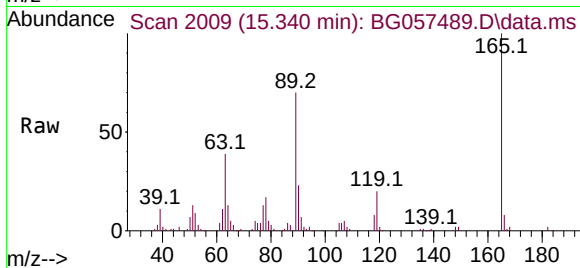
PB152895BS

Tgt Ion:165 Resp: 6778
Ion Ratio Lower Upper
165 100
63 39.5 37.5 56.3
89 69.5 60.2 90.4
182 1.9 1.8 2.8

Manual Integrations

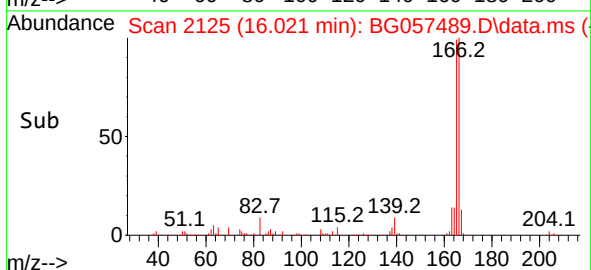
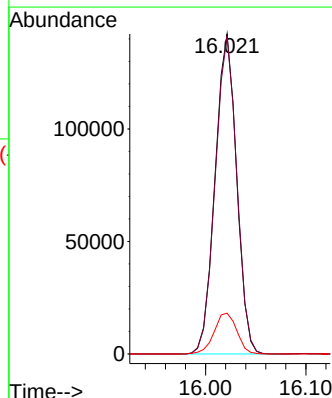
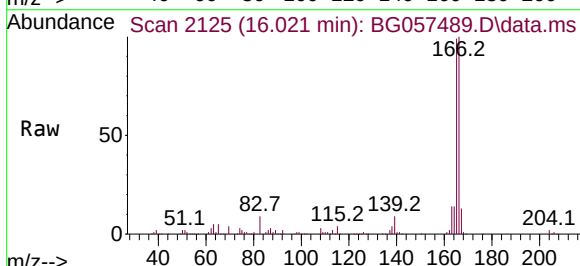
APPROVED

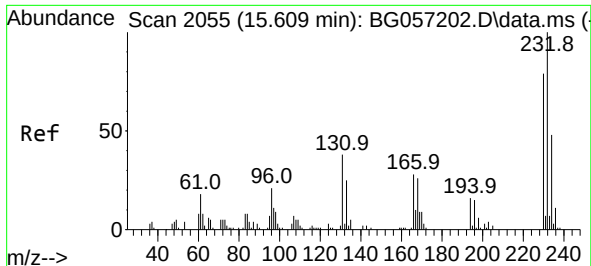
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#58
Fluorene
Concen: 41.674 ng
RT: 16.021 min Scan# 2125
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:166 Resp: 211692
Ion Ratio Lower Upper
166 100
165 99.2 80.1 120.1
167 12.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.889 ng
RT: 15.598 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

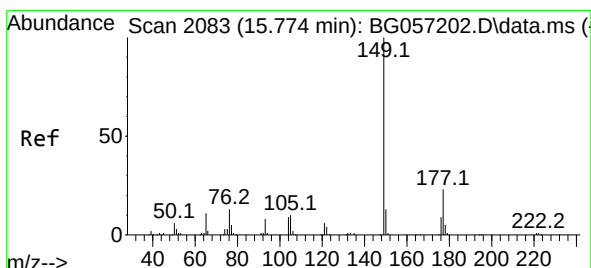
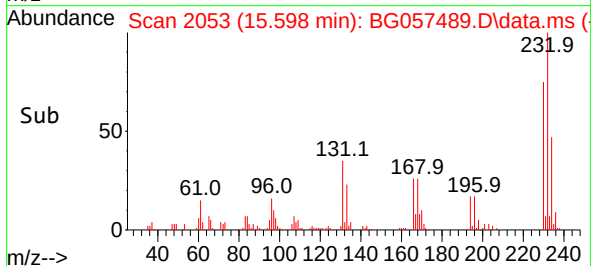
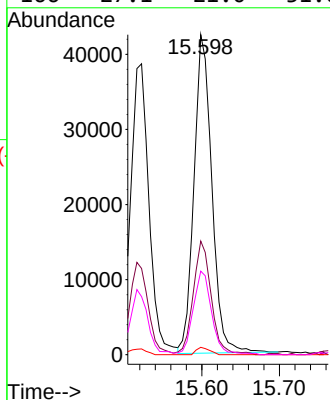
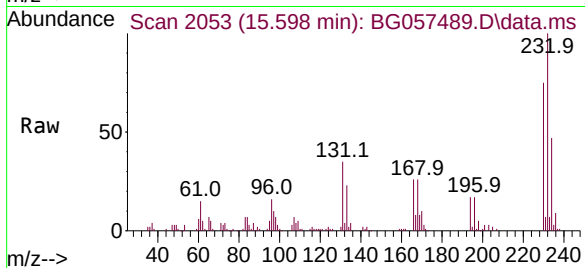
PB152895BS

Tgt Ion:232 Resp: 6784
Ion Ratio Lower Upper
232 100
131 36.0 28.6 42.8
130 1.7 1.6 2.4
166 27.1 21.0 31.6

Manual Integrations

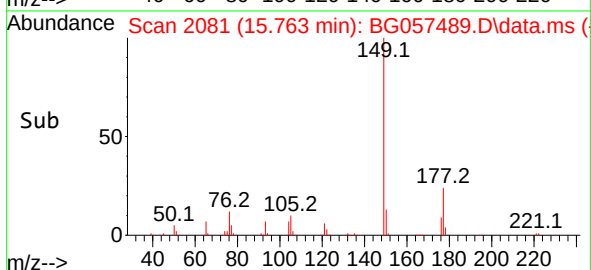
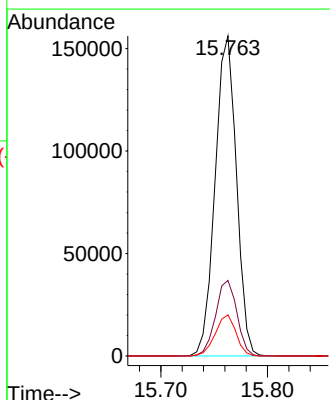
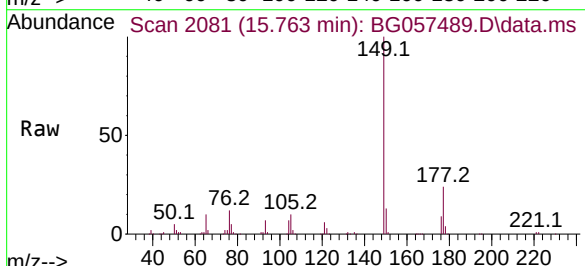
APPROVED

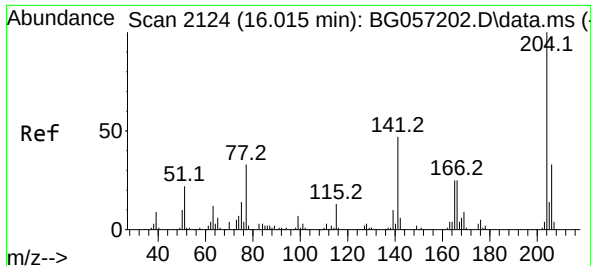
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#60
Diethylphthalate
Concen: 39.567 ng
RT: 15.763 min Scan# 2081
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:149 Resp: 216351
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.235 ng
RT: 15.998 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

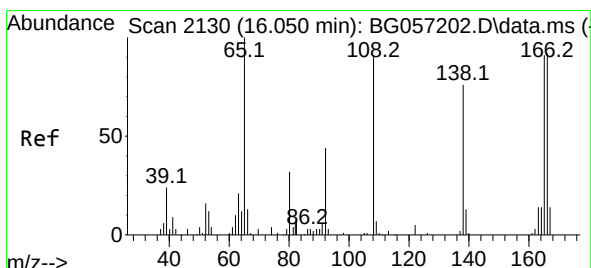
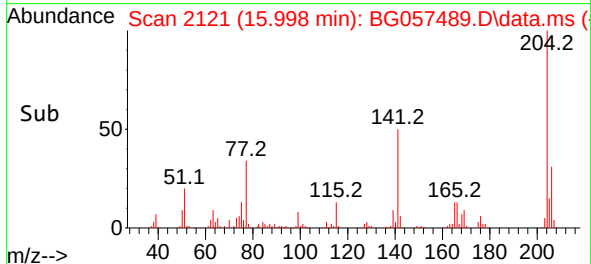
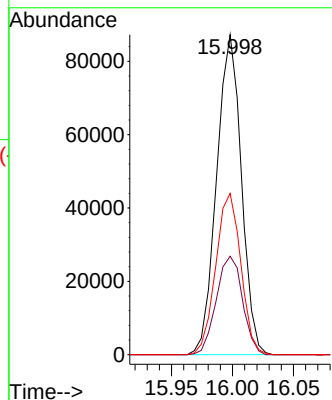
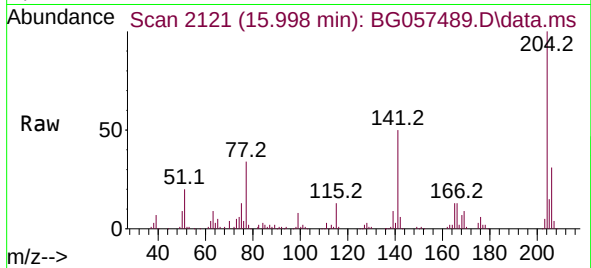
PB152895BS

Tgt Ion:204 Resp: 12312
Ion Ratio Lower Upper
204 100
206 30.8 26.5 39.7
141 50.4 37.4 56.0

Manual Integrations

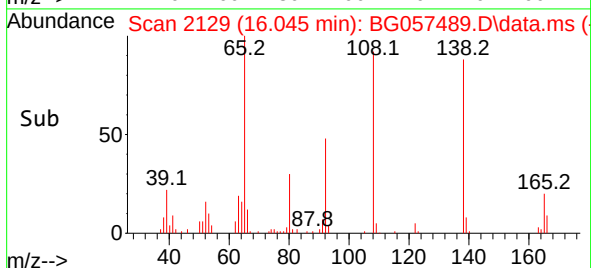
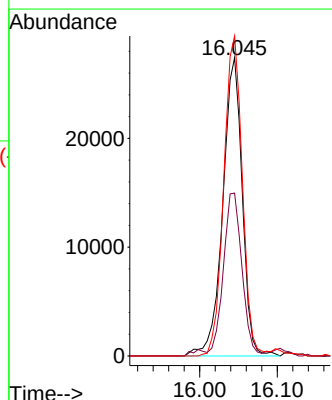
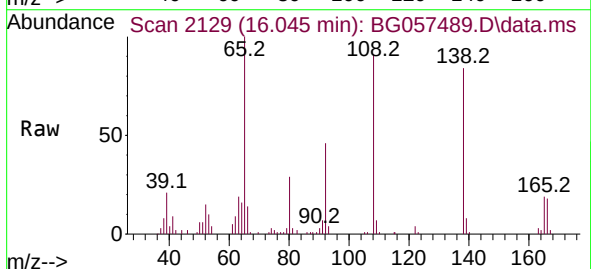
APPROVED

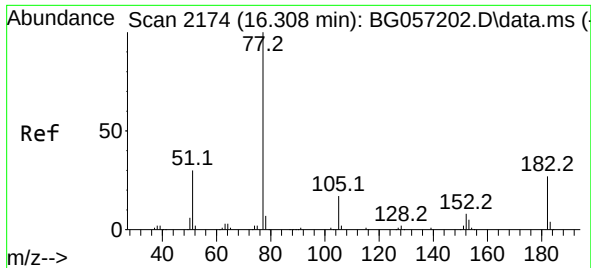
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#62
4-Nitroaniline
Concen: 43.067 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:138 Resp: 47850
Ion Ratio Lower Upper
138 100
92 54.6 38.2 78.2
108 107.3 99.6 139.6





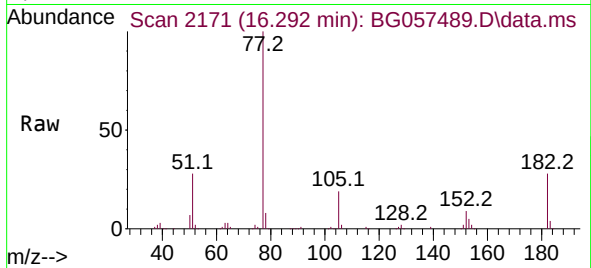
#63
Azobenzene
Concen: 37.810 ng
RT: 16.292 min Scan# 2174
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

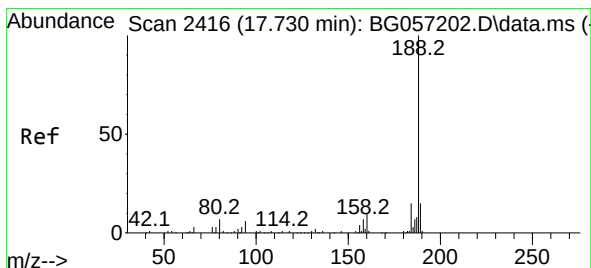
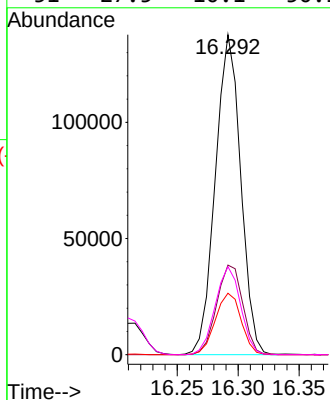
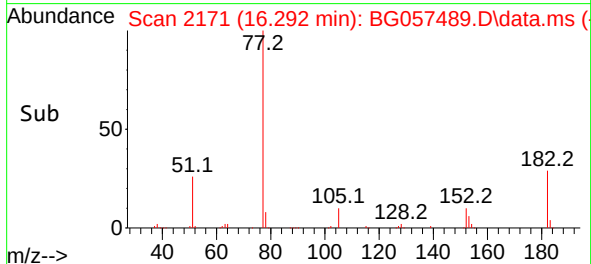


Tgt Ion: 77 Resp: 199478
Ion Ratio Lower Upper
77 100
182 28.0 7.4 47.4
105 19.2 0.0 37.2
51 27.5 10.1 50.1

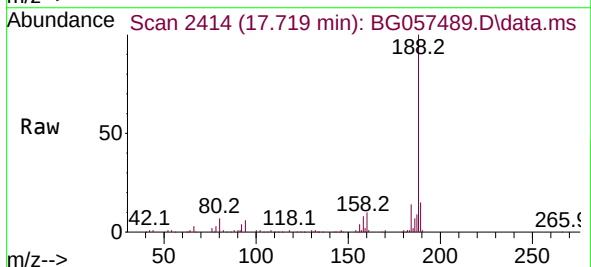
Manual Integrations

APPROVED

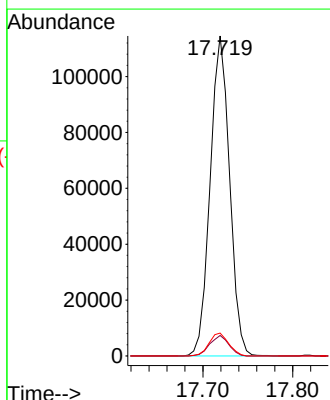
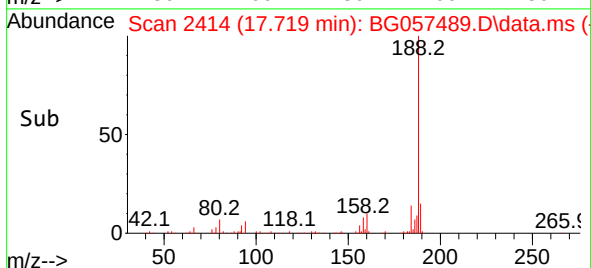
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

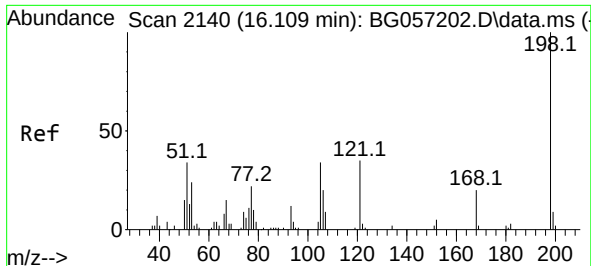


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:188 Resp: 171905
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.1 5.7 8.5





#65

4,6-Dinitro-2-methylphenol

Concen: 45.855 ng

RT: 16.104 min Scan# 2140

Delta R.T. 0.011 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

Tgt Ion:198 Resp: 4706

Ion Ratio Lower Upper

198 100

51 32.9 16.1 56.1

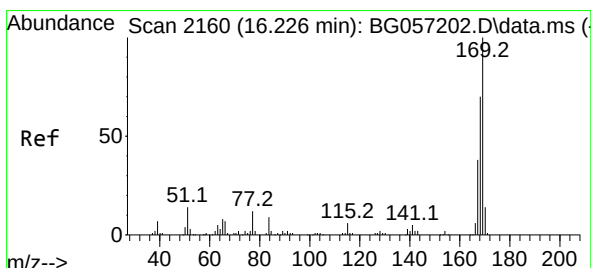
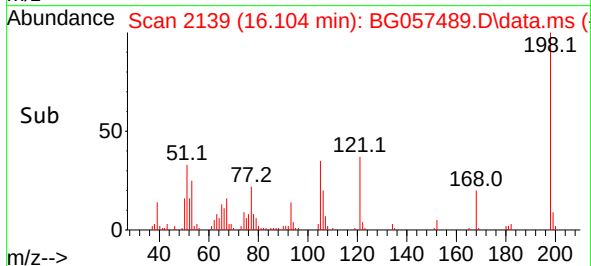
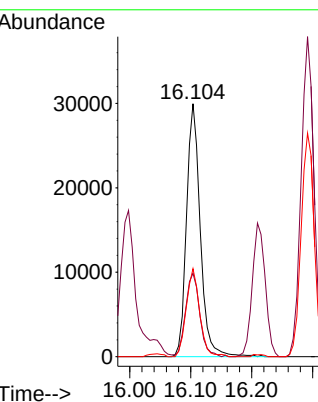
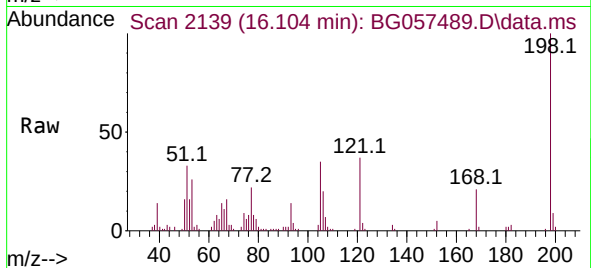
105 34.8 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#66

n-Nitrosodiphenylamine

Concen: 39.658 ng

RT: 16.215 min Scan# 2158

Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

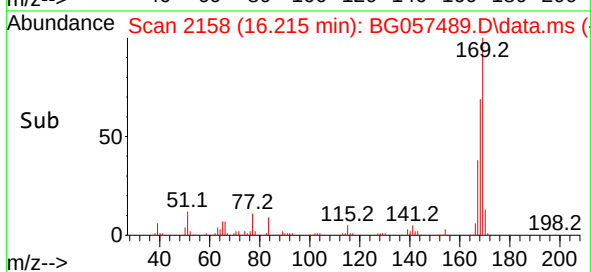
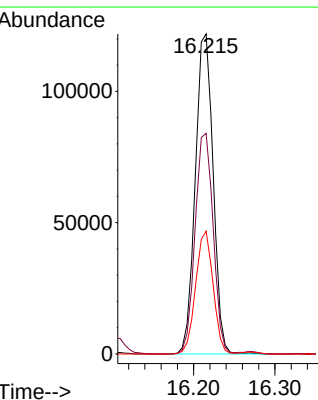
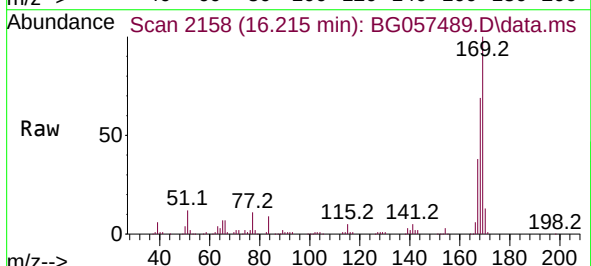
Tgt Ion:169 Resp: 185162

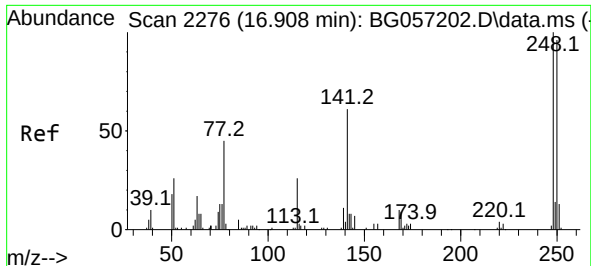
Ion Ratio Lower Upper

169 100

168 68.9 56.2 84.4

167 38.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 40.263 ng
RT: 16.891 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

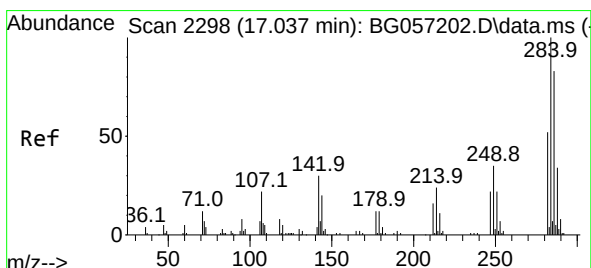
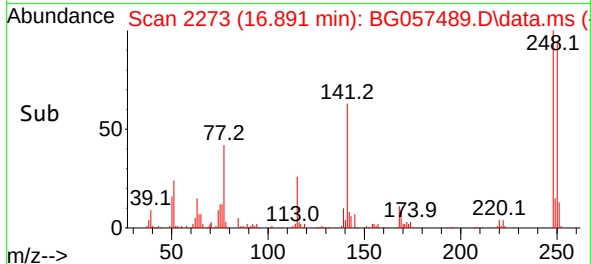
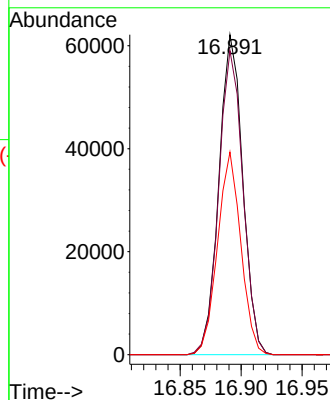
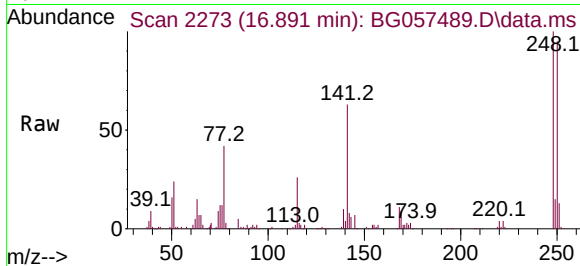
PB152895BS

Tgt Ion:248 Resp: 84492
Ion Ratio Lower Upper
248 100
250 95.0 77.0 115.6
141 63.3 48.6 72.8

Manual Integrations

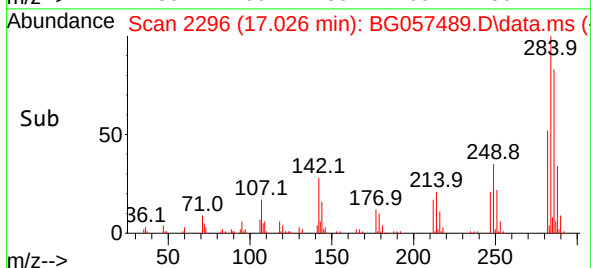
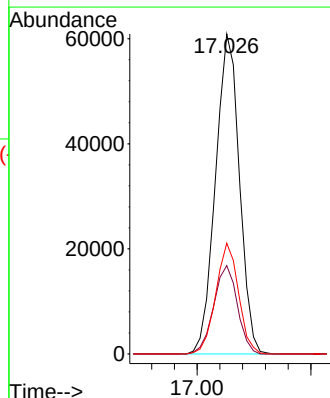
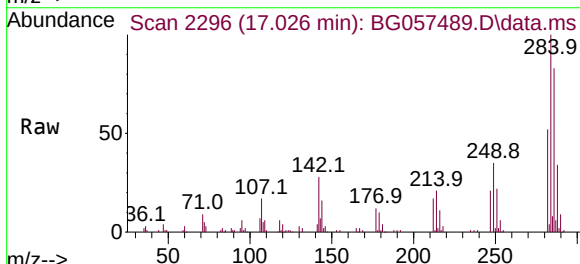
APPROVED

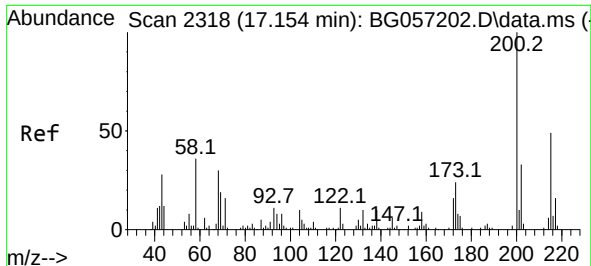
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#68
Hexachlorobenzene
Concen: 43.593 ng
RT: 17.026 min Scan# 2296
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:284 Resp: 88900
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 34.6 27.7 41.5





#69
 Atrazine
 Concen: 47.681 ng
 RT: 17.143 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

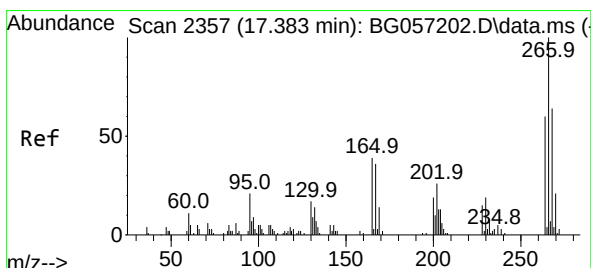
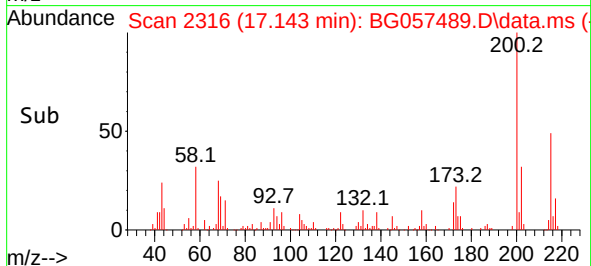
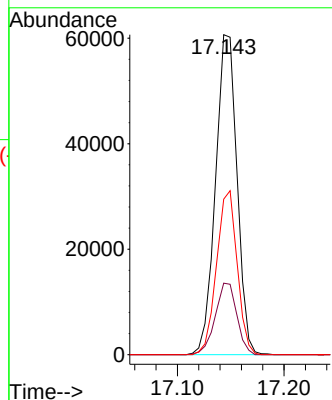
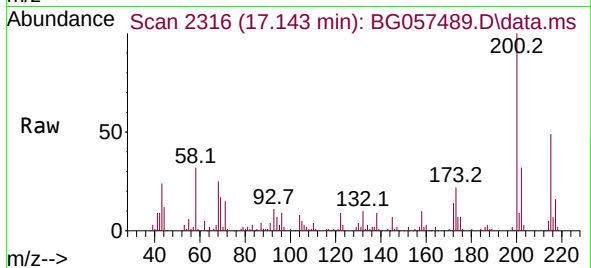
PB152895BS

Tgt Ion:200 Resp: 8492
 Ion Ratio Lower Upper
 200 100
 173 22.3 4.3 44.3
 215 48.6 29.3 69.3

Manual Integrations

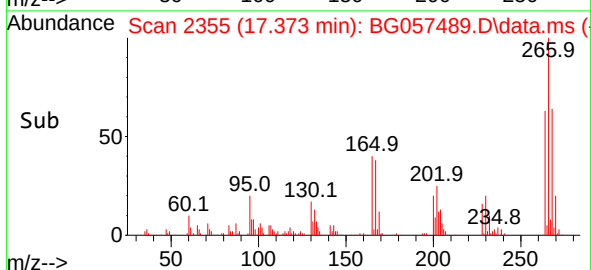
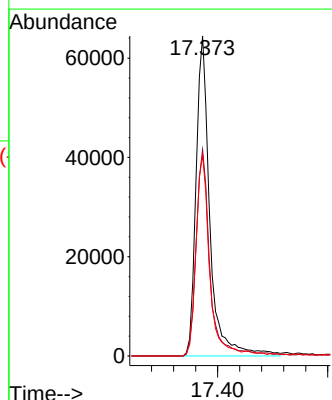
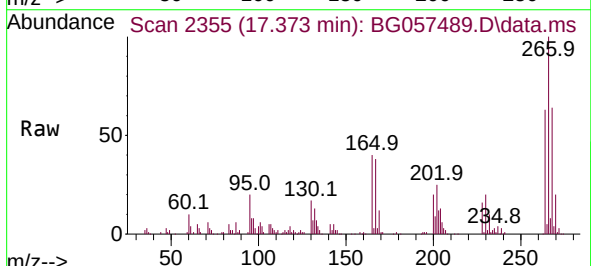
APPROVED

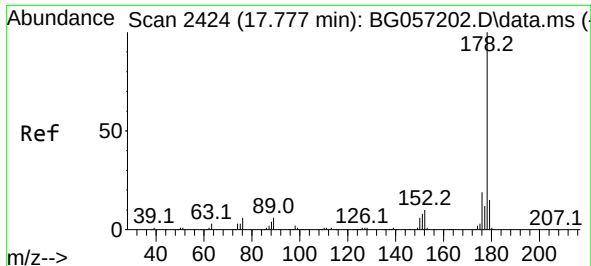
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#70
 Pentachlorophenol
 Concen: 95.588 ng
 RT: 17.373 min Scan# 2355
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

Tgt Ion:266 Resp: 112343
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 62.8 47.8 71.6





#71
Phenanthrene
Concen: 40.378 ng
RT: 17.760 min Scan# 2424
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

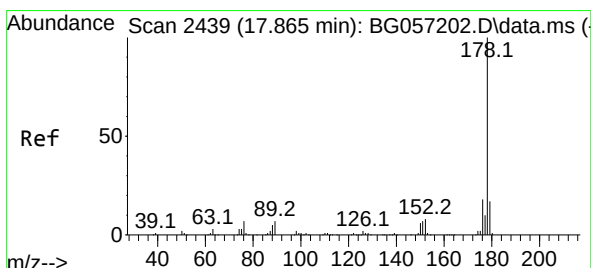
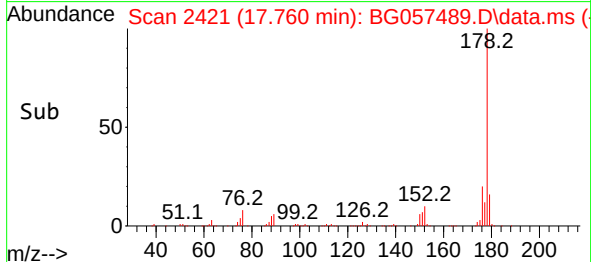
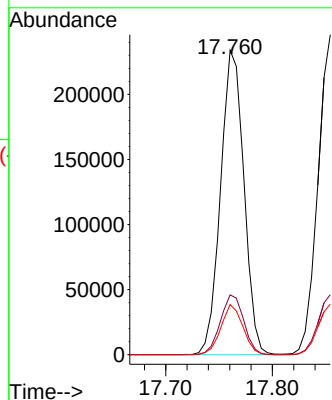
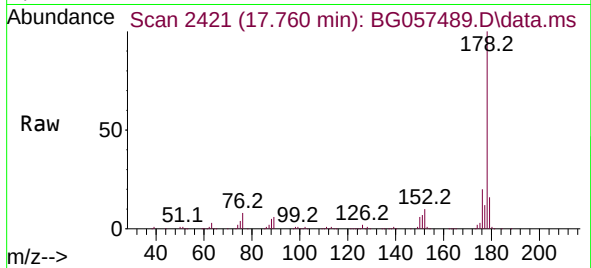
PB152895BS

Tgt Ion:178 Resp: 355680
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.4 12.3 18.5

Manual Integrations

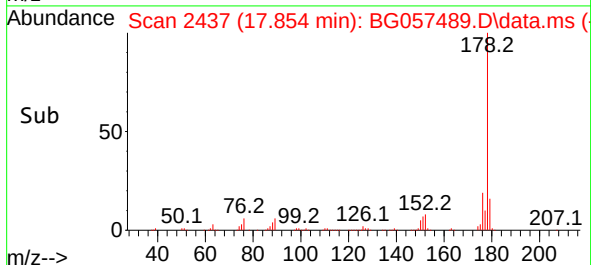
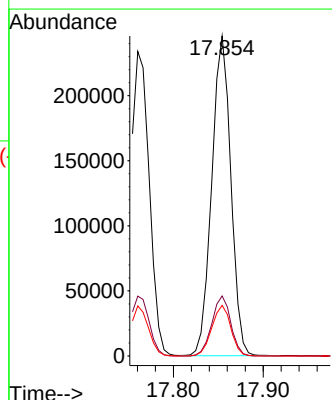
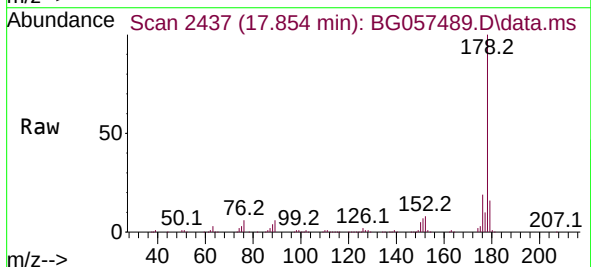
APPROVED

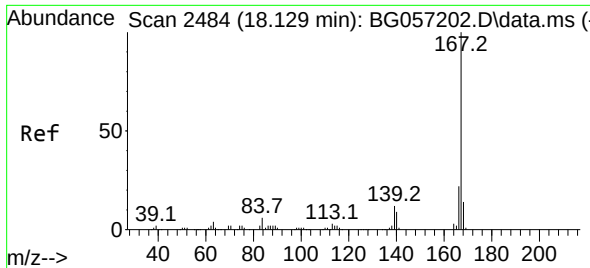
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#72
Anthracene
Concen: 40.117 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:178 Resp: 362601
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.8 13.2 19.8





#73
 Carbazole
 Concen: 42.372 ng
 RT: 18.119 min Scan# 2482
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

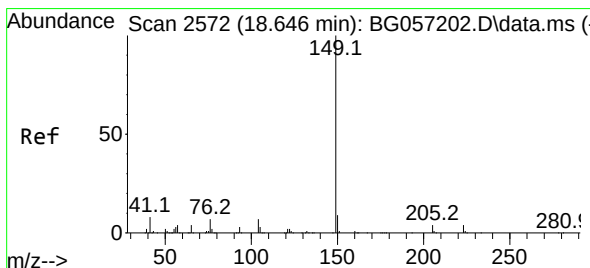
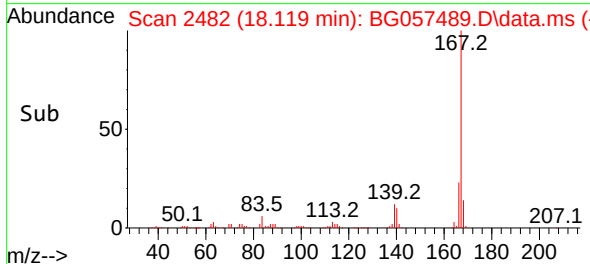
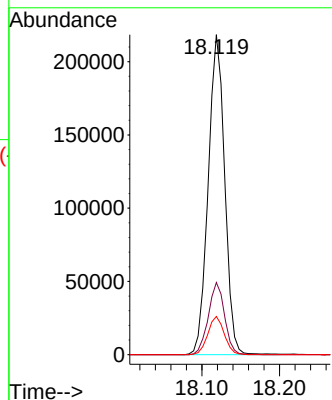
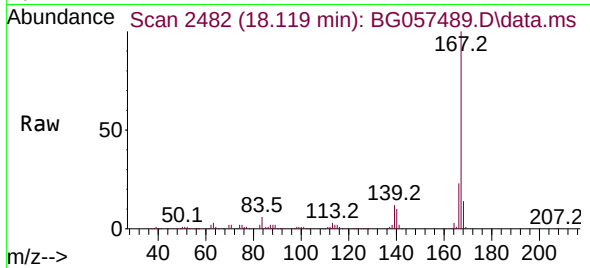
PB152895BS

Tgt Ion:167 Resp: 322419
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 11.9 9.6 14.4

Manual Integrations

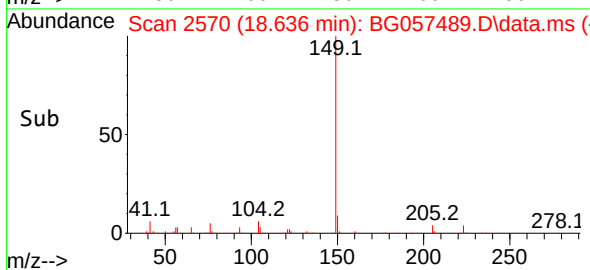
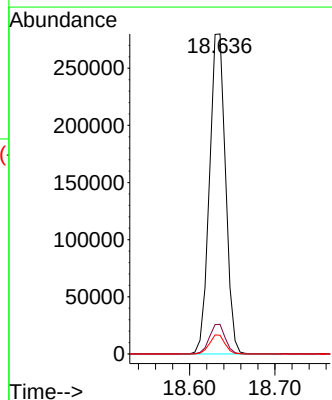
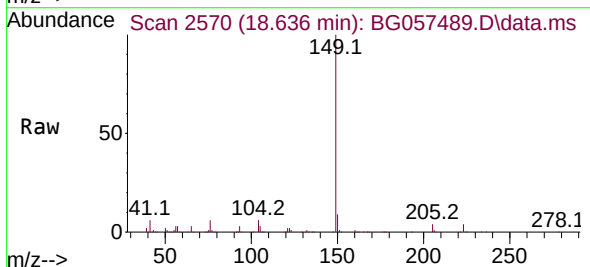
APPROVED

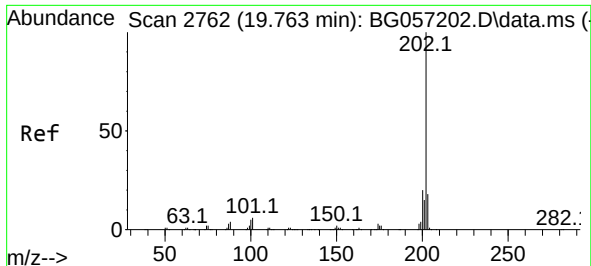
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#74
 Di-n-butylphthalate
 Concen: 41.850 ng
 RT: 18.636 min Scan# 2570
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

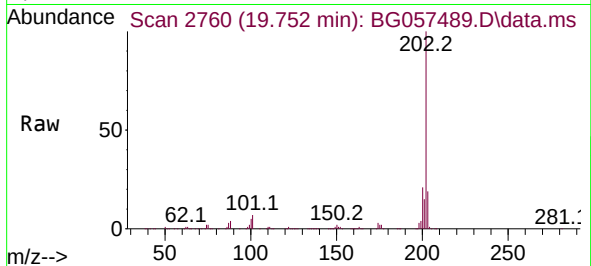
Tgt Ion:149 Resp: 366386
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 39.439 ng
RT: 19.752 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

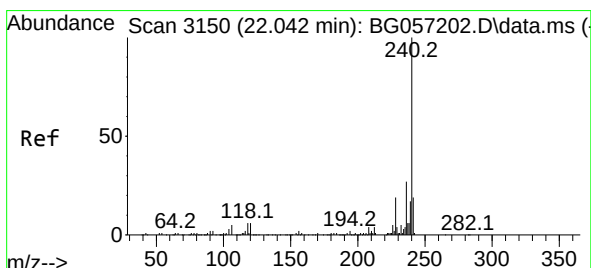
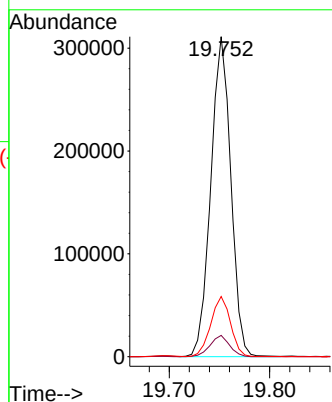
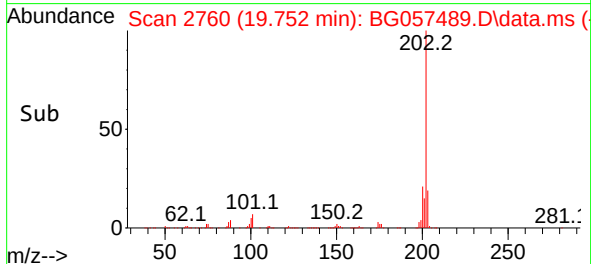
Instrument :
BNA_G
ClientSampleId :
PB152895BS



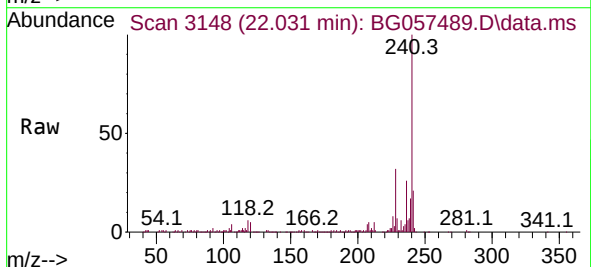
Tgt Ion:202 Resp: 432083
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.2
203 18.8 0.0 37.9

Manual Integrations
APPROVED

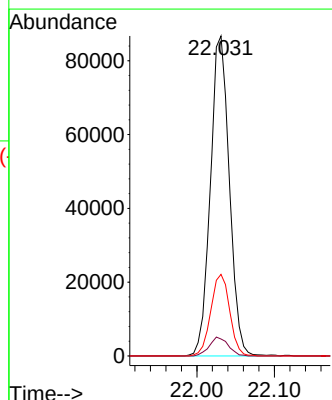
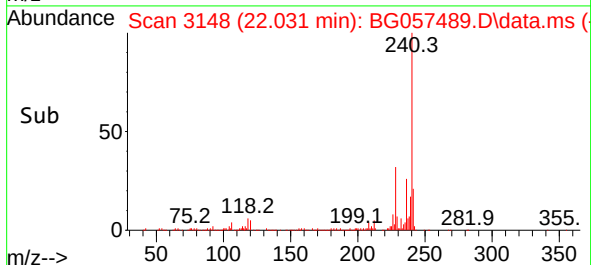
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

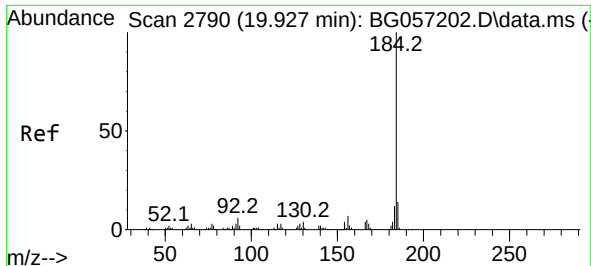


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



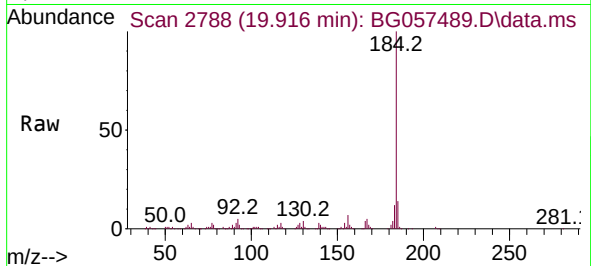
Tgt Ion:240 Resp: 147203
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 25.5 21.4 32.2





#77
Benzidine
Concen: 77.449 ng
RT: 19.916 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

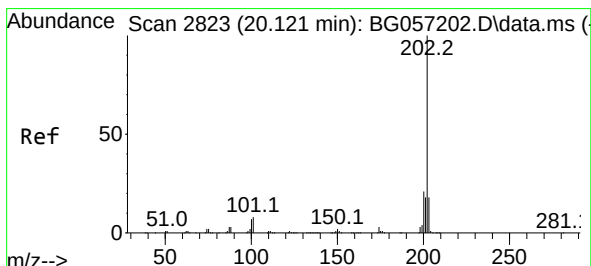
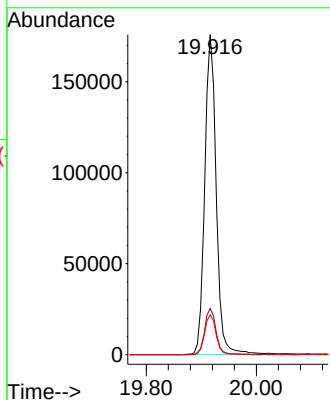
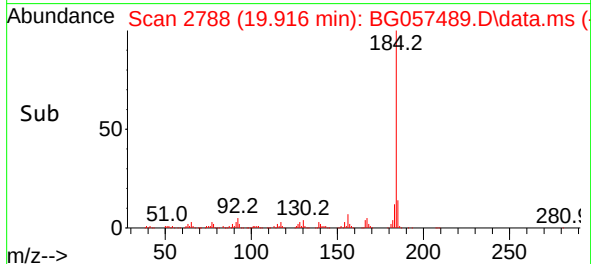
Instrument :
BNA_G
ClientSampleId :
PB152895BS



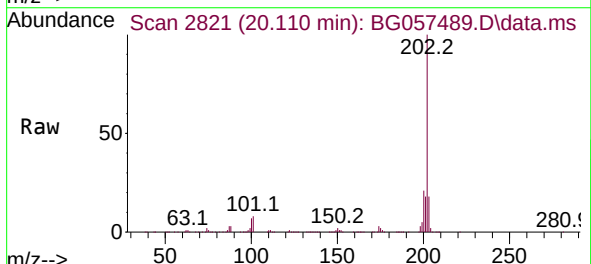
Tgt Ion:184 Resp: 254880
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.4 9.9 14.9

Manual Integrations
APPROVED

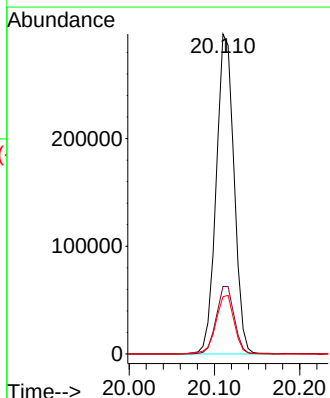
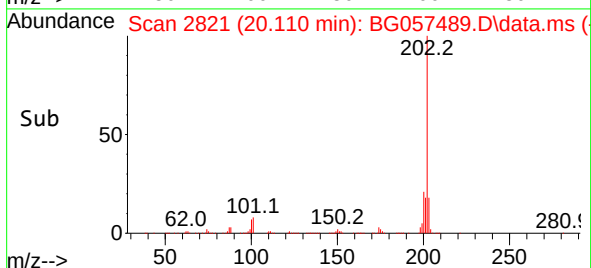
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

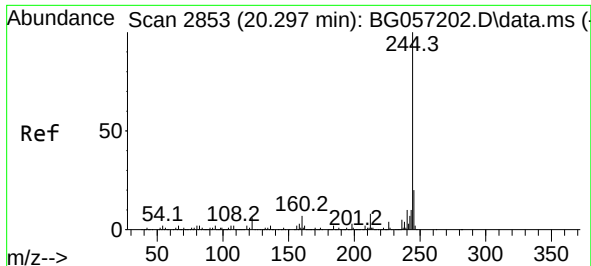


#78
Pyrene
Concen: 40.292 ng
RT: 20.110 min Scan# 2821
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:202 Resp: 430985
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 64.690 ng
 RT: 20.286 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

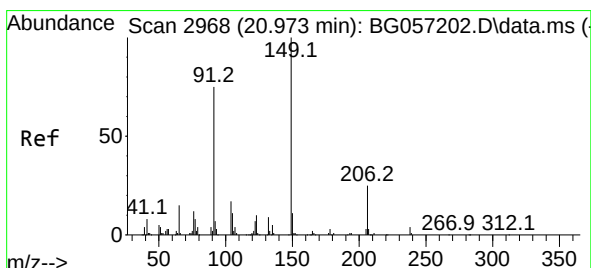
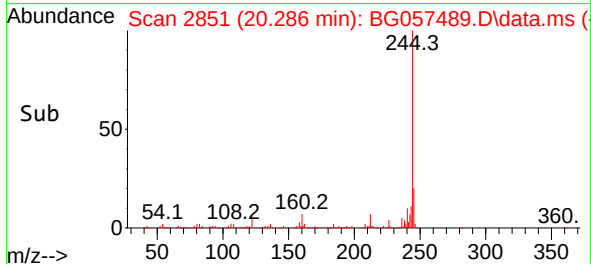
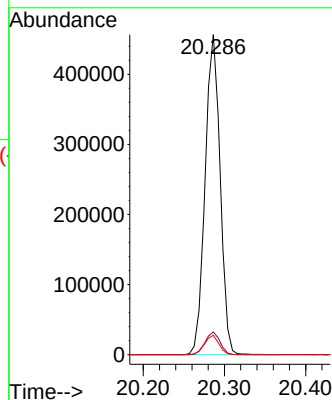
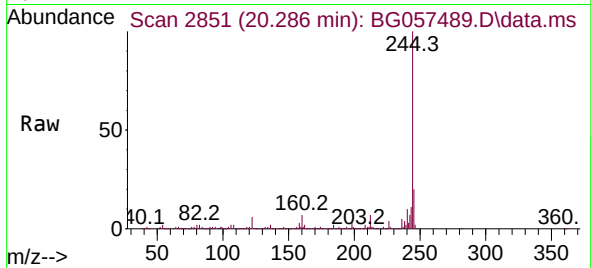
PB152895BS

Tgt Ion:244 Resp: 58352
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.1 5.1 7.7

Manual Integrations

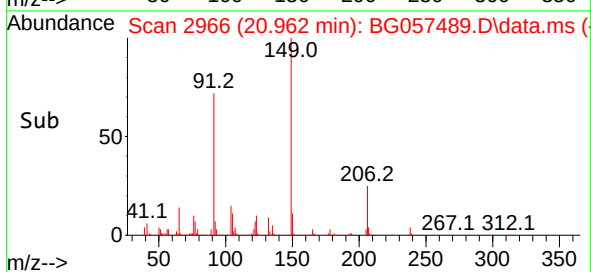
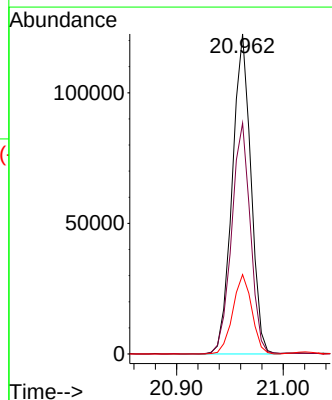
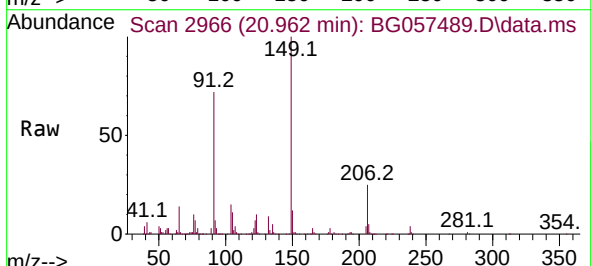
APPROVED

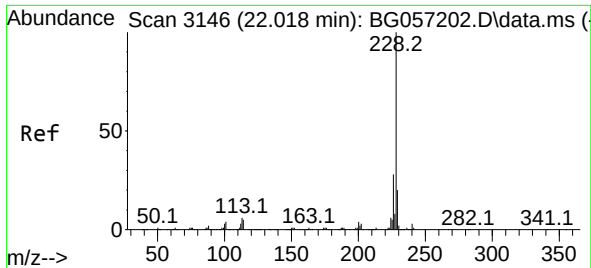
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#80
 Butylbenzylphthalate
 Concen: 43.957 ng
 RT: 20.962 min Scan# 2966
 Delta R.T. 0.005 min
 Lab File: BG057489.D
 Acq: 22 May 2023 11:46

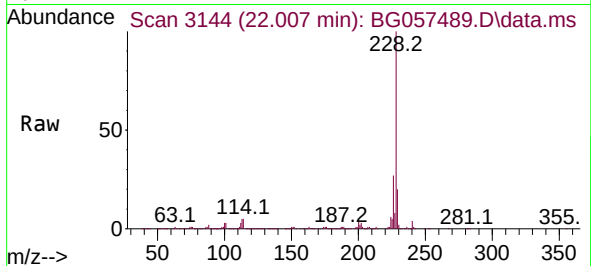
Tgt Ion:149 Resp: 149189
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.7 89.5
 206 24.8 19.7 29.5





#81
Benzo(a)anthracene
Concen: 39.851 ng
RT: 22.007 min Scan# 3146
Delta R.T. 0.011 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

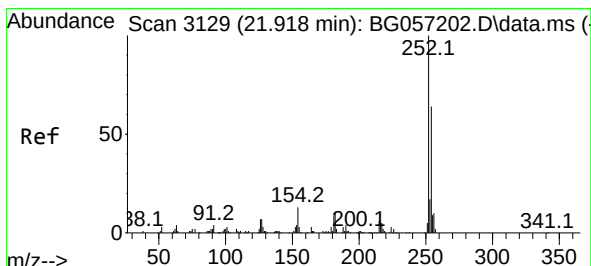
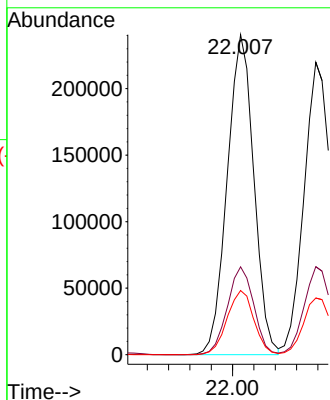
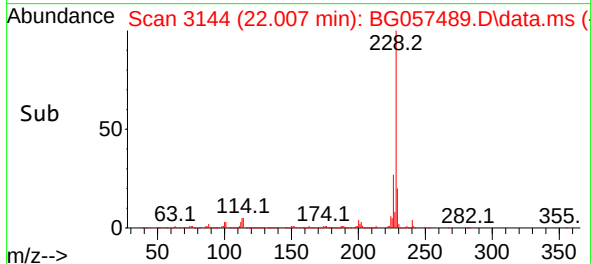
Instrument :
BNA_G
ClientSampleId :
PB152895BS



Tgt Ion:228 Resp: 41794
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 20.1 15.8 23.8

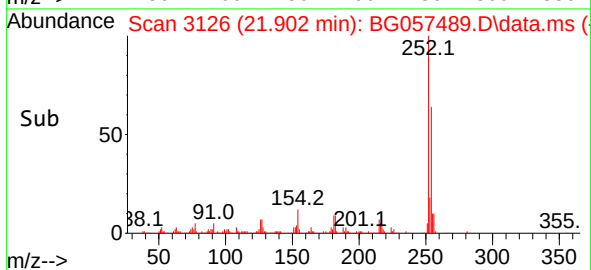
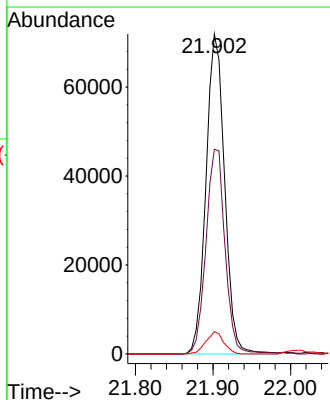
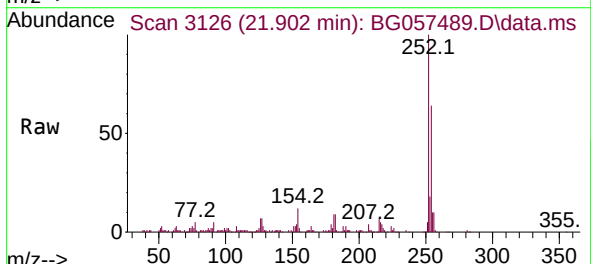
Manual Integrations
APPROVED

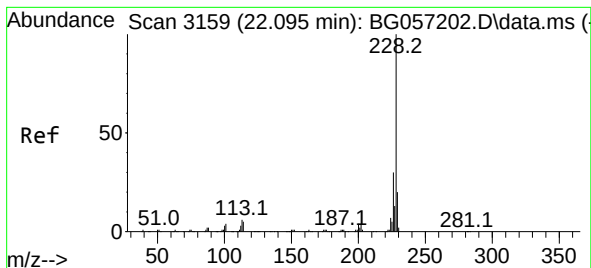
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.729 ng
RT: 21.902 min Scan# 3126
Delta R.T. 0.005 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Tgt Ion:252 Resp: 120024
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.0
126 7.0 5.9 8.9





#83

Chrysene

Concen: 39.059 ng

RT: 22.078 min Scan# 3117

Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

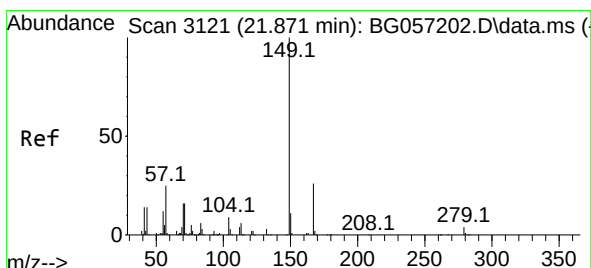
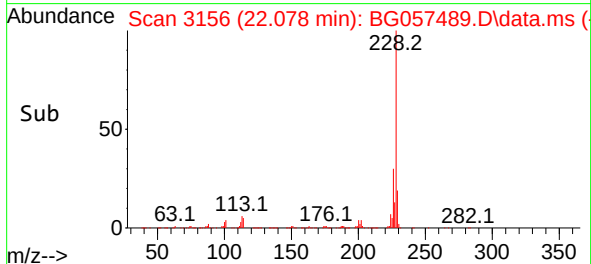
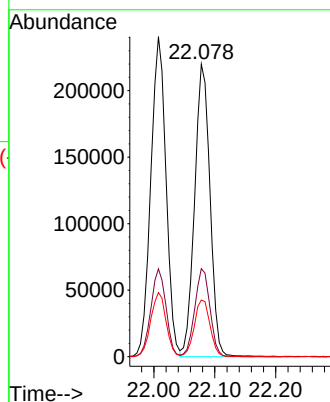
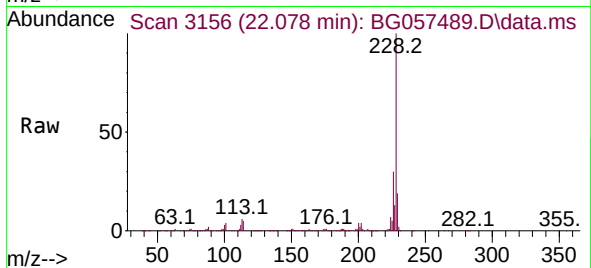
PB152895BS

Tgt Ion:228 Resp: 385429
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.719 ng

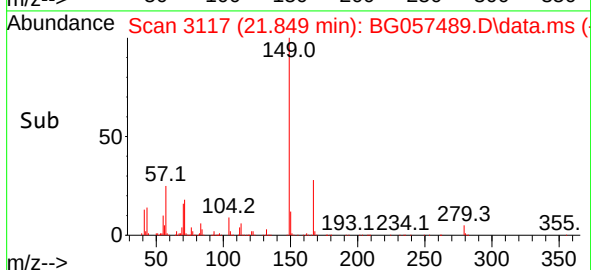
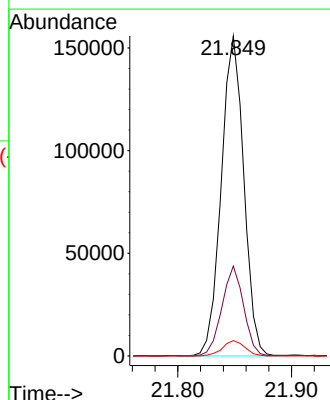
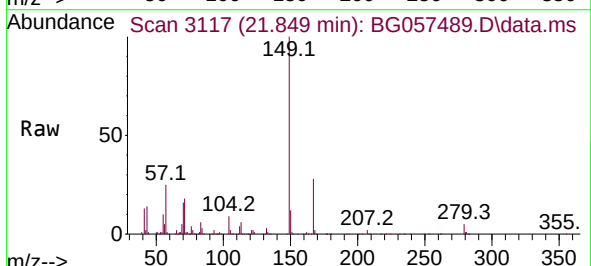
RT: 21.849 min Scan# 3117

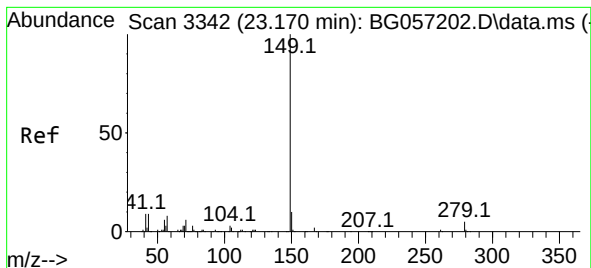
Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Tgt Ion:149 Resp: 214517
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.2 31.8
 279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.693 ng

RT: 23.141 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

Tgt Ion:149 Resp: 36578

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

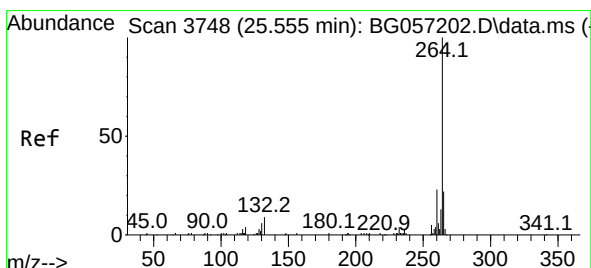
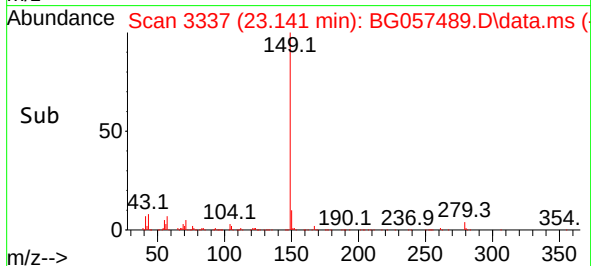
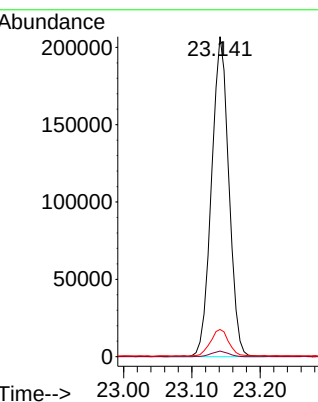
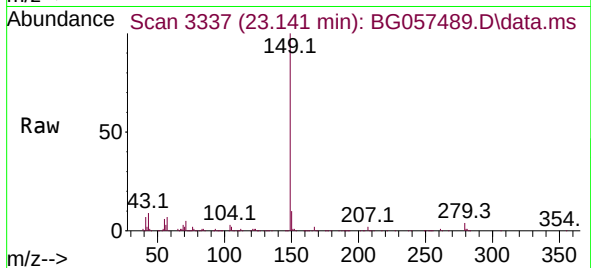
43 8.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.538 min Scan# 3745

Delta R.T. 0.023 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

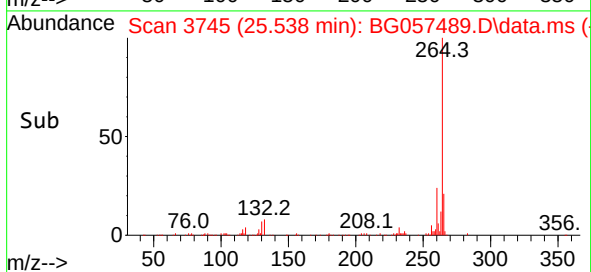
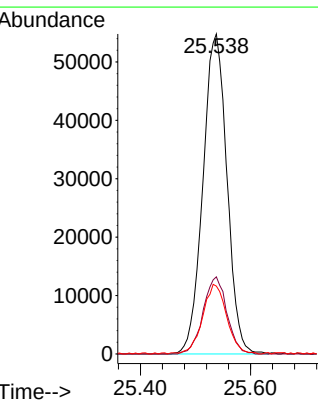
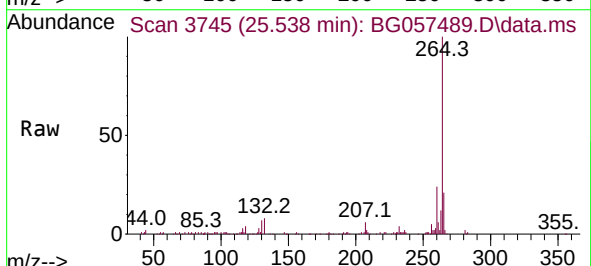
Tgt Ion:264 Resp: 165981

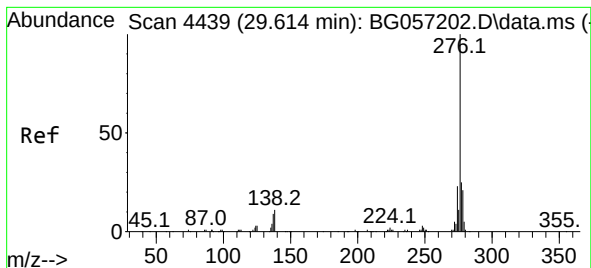
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.923 ng

RT: 29.597 min Scan# 4439

Delta R.T. 0.035 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

Tgt Ion:276 Resp: 47084

Ion Ratio Lower Upper

276 100

138 13.3 5.4 8.0

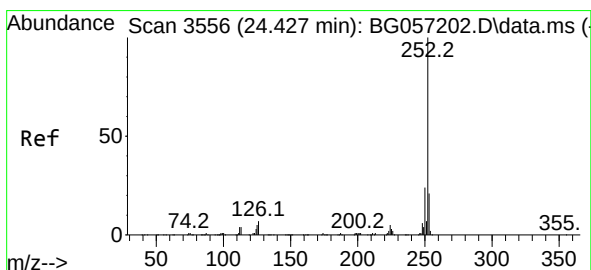
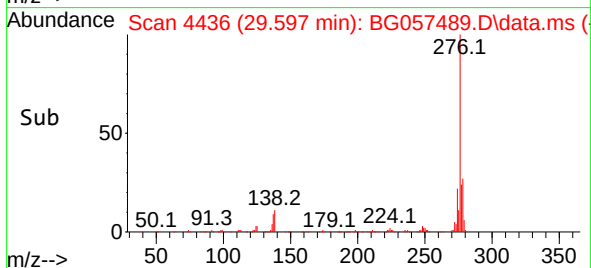
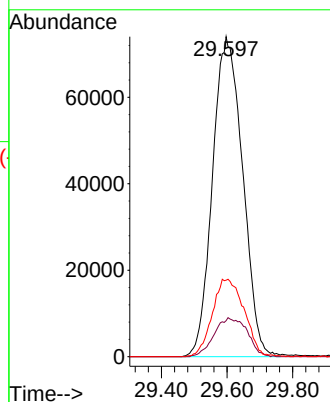
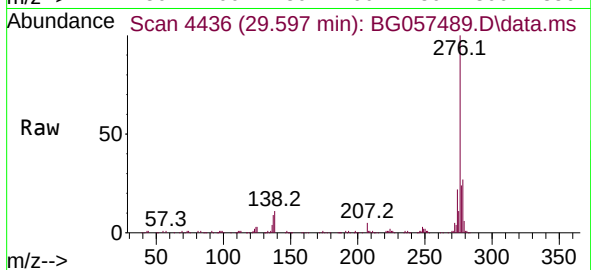
277 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#88

Benzo(b)fluoranthene

Concen: 39.368 ng

RT: 24.410 min Scan# 3553

Delta R.T. 0.017 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

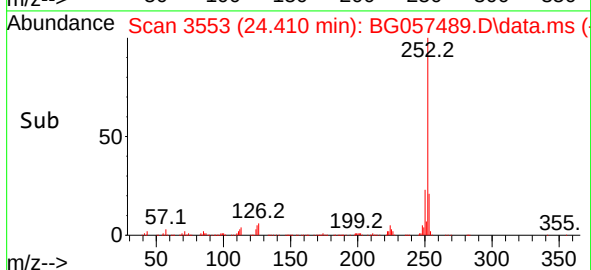
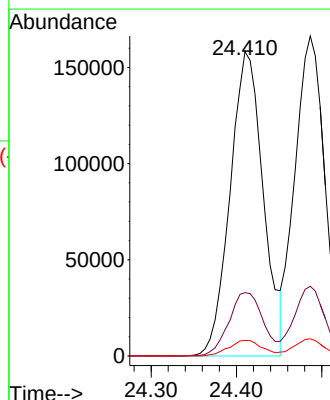
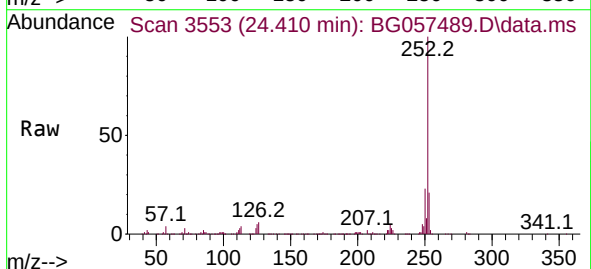
Tgt Ion:252 Resp: 427150

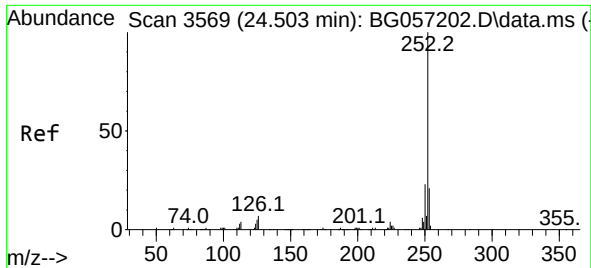
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 5.1 4.2 6.2





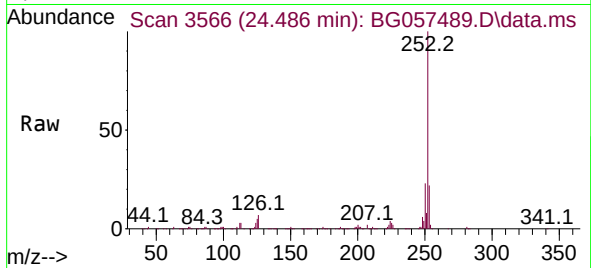
#89
Benzo(k)fluoranthene
Concen: 36.747 ng
RT: 24.486 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

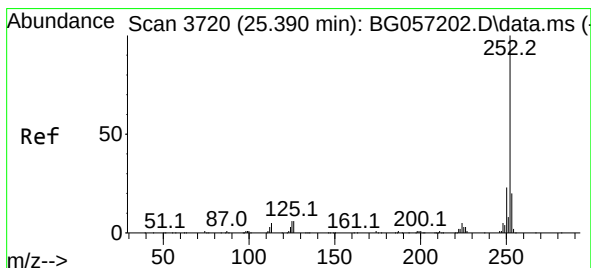
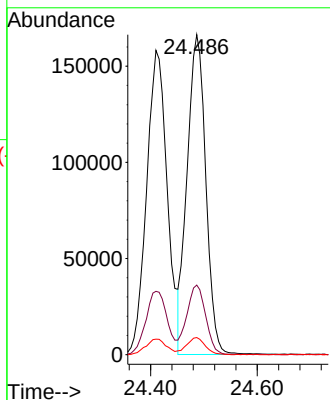
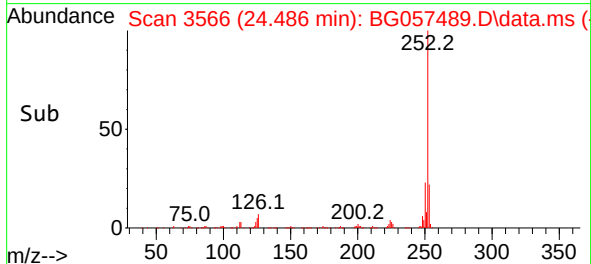


Tgt Ion:252 Resp: 40516
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.4 4.1 6.1

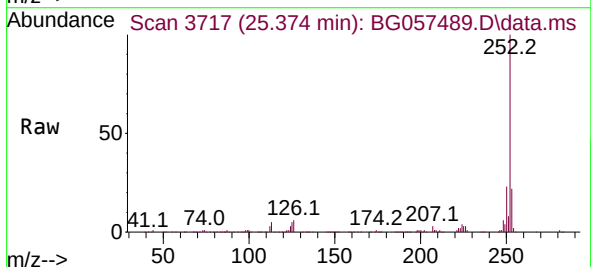
Manual Integrations

APPROVED

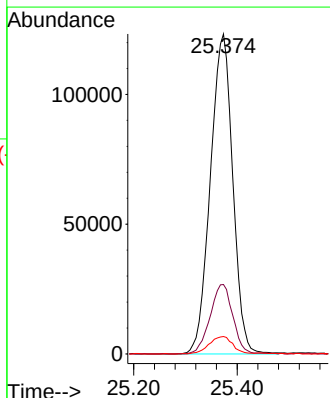
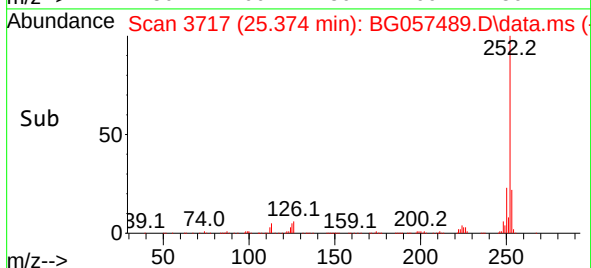
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

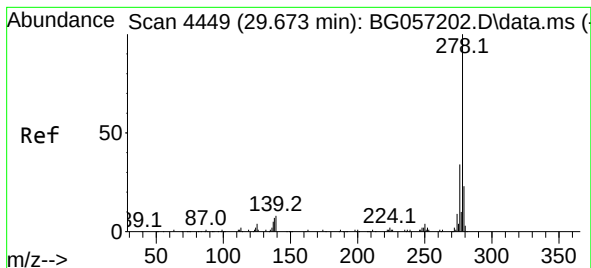


#90
Benzo(a)pyrene
Concen: 34.948 ng
RT: 25.374 min Scan# 3717
Delta R.T. 0.017 min
Lab File: BG057489.D
Acq: 22 May 2023 11:46



Tgt Ion:252 Resp: 370457
Ion Ratio Lower Upper
252 100
253 21.7 16.3 24.5
125 5.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 39.332 ng

RT: 29.656 min Scan# 4446

Delta R.T. 0.047 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB152895BS

Tgt Ion:278 Resp: 39624

Ion Ratio Lower Upper

278 100

139 7.6 6.2 9.2

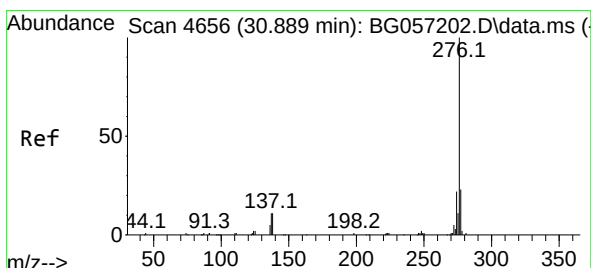
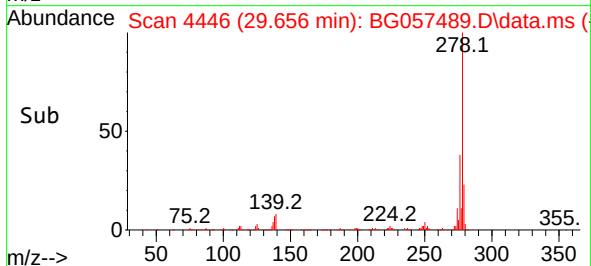
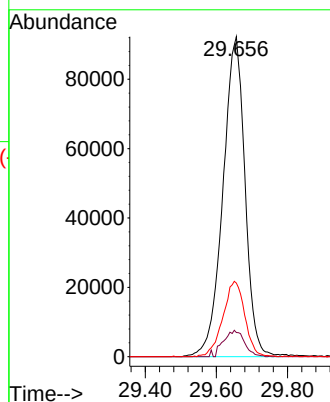
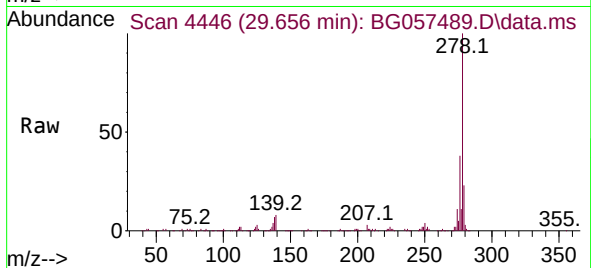
279 23.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#92

Benzo(g,h,i)perylene

Concen: 38.630 ng

RT: 30.878 min Scan# 4654

Delta R.T. 0.041 min

Lab File: BG057489.D

Acq: 22 May 2023 11:46

Tgt Ion:276 Resp: 379991

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 10.8 9.0 13.4

