

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057585.D
 Acq On : 26 May 2023 14:38
 Operator : CG/JU
 Sample : 02913-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-70AMSD

Quant Time: May 26 18:39:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	23507	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	88446	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	61309	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	153178	20.000	ng	0.00
76) Chrysene-d12	22.019	240	140730	20.000	ng	0.00
86) Perylene-d12	25.514	264	153375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	184920	134.567	ng	0.00
7) Phenol-d6	7.503	99	241748	115.849	ng	0.00
23) Nitrobenzene-d5	9.530	82	179691	85.270	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	133284	153.216	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	407403	89.496	ng	0.00
79) Terphenyl-d14	20.274	244	776874	90.087	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.679	88	22274	39.202	ng	# 25
3) Pyridine	4.113	79	56734	31.070	ng	92
4) n-Nitrosodimethylamine	4.008	42	32120	37.432	ng	# 79
6) Aniline	7.667	93	76295	28.821	ng	96
8) 2-Chlorophenol	7.914	128	70914	48.837	ng	98
9) Benzaldehyde	7.474	77	48298m	44.413	ng	
10) Phenol	7.532	94	83972	41.280	ng	92
11) bis(2-Chloroethyl)ether	7.750	93	68174	44.444	ng	99
12) 1,3-Dichlorobenzene	8.237	146	76483	47.723	ng	94
13) 1,4-Dichlorobenzene	8.390	146	76858	47.744	ng	97
14) 1,2-Dichlorobenzene	8.713	146	75410	48.525	ng	98
15) Benzyl Alcohol	8.590	79	76922	44.248	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.872	45	83809	43.349	ng	98
17) 2-Methylphenol	8.795	107	63403	43.238	ng	95
18) Hexachloroethane	9.447	117	27082	46.618	ng	96
19) n-Nitroso-di-n-propyla...	9.154	70	61148	38.429	ng	98
20) 3+4-Methylphenols	9.124	107	86971	43.315	ng	93
22) Acetophenone	9.183	105	115848	45.764	ng	# 92
24) Nitrobenzene	9.577	77	92181	43.339	ng	94
25) Isophorone	10.094	82	166103	40.649	ng	99
26) 2-Nitrophenol	10.293	139	41644	51.150	ng	91
27) 2,4-Dimethylphenol	10.340	122	71366	50.060	ng	99
28) bis(2-Chloroethoxy)met...	10.563	93	90741	44.326	ng	99
29) 2,4-Dichlorophenol	10.840	162	75862	50.172	ng	94
30) 1,2,4-Trichlorobenzene	11.045	180	81727	46.862	ng	98
31) Naphthalene	11.239	128	219271	46.373	ng	99
32) Benzoic acid	10.499	122	28793m	36.300	ng	
33) 4-Chloroaniline	11.345	127	44425	20.921	ng	99
34) Hexachlorobutadiene	11.503	225	55685	43.031	ng	98
35) Caprolactam	12.126	113	20719m	40.115	ng	
36) 4-Chloro-3-methylphenol	12.449	107	82157	47.813	ng	99
37) 2-Methylnaphthalene	12.819	142	160974	43.299	ng	95
38) 1-Methylnaphthalene	13.037	142	152172	43.426	ng	99
40) 1,2,4,5-Tetrachloroben...	13.183	216	106967	49.146	ng	99
41) Hexachlorocyclopentadiene	13.148	237	75818	73.063	ng	97
43) 2,4,6-Trichlorophenol	13.418	196	70152	52.904	ng	98

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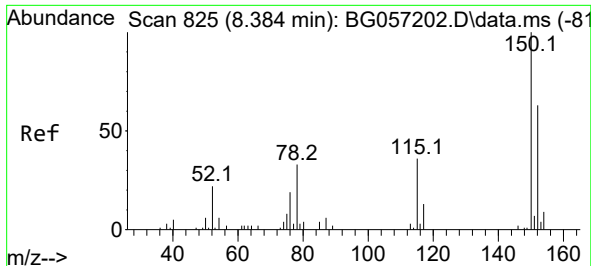
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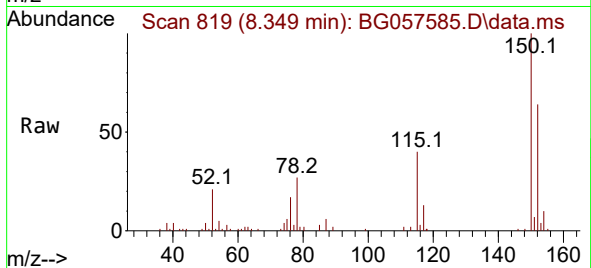
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	74011	47.450	ng	96
46) 1,1'-Biphenyl	13.806	154	225003	49.458	ng	99
47) 2-Chloronaphthalene	13.859	162	173159	51.185	ng	99
48) 2-Nitroaniline	14.059	65	56618	49.221	ng	95
49) Acenaphthylene	14.693	152	274161	49.883	ng	99
50) Dimethylphthalate	14.405	163	236132	46.869	ng	99
51) 2,6-Dinitrotoluene	14.540	165	52420	50.960	ng	85
52) Acenaphthene	15.034	154	167059	48.643	ng	98
53) 3-Nitroaniline	14.875	138	31266	30.340	ng	85
54) 2,4-Dinitrophenol	15.093	184	55605	86.840	ng	95
55) Dibenzofuran	15.363	168	276968	47.998	ng	98
56) 4-Nitrophenol	15.192	139	67850	98.994	ng	89
57) 2,4-Dinitrotoluene	15.328	165	75871	51.609	ng	94
58) Fluorene	16.009	166	229300	48.242	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	72766	51.457	ng	# 100
60) Diethylphthalate	15.751	149	235133	45.957	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	129300	45.156	ng	96
62) 4-Nitroaniline	16.038	138	54264	52.196	ng	# 81
63) Azobenzene	16.279	77	215577	43.669	ng	96
65) 4,6-Dinitro-2-methylph...	16.097	198	49441	54.062	ng	98
66) n-Nitrosodiphenylamine	16.203	169	202929	48.777	ng	97
67) 4-Bromophenyl-phenylether	16.878	248	89072	47.634	ng	97
68) Hexachlorobenzene	17.014	284	94650	52.087	ng	97
69) Atrazine	17.137	200	94720	59.684	ng	98
70) Pentachlorophenol	17.366	266	92191	88.032	ng	98
71) Phenanthrene	17.754	178	391351	49.859	ng	99
72) Anthracene	17.842	178	396573	49.240	ng	98
73) Carbazole	18.106	167	361965	53.385	ng	98
74) Di-n-butylphthalate	18.623	149	410969	52.681	ng	98
75) Fluoranthene	19.739	202	482581	49.433	ng	98
77) Benzidine	19.910	184	102702	32.643	ng	99
78) Pyrene	20.104	202	493308	48.239	ng	99
80) Butylbenzylphthalate	20.949	149	181320	55.881	ng	97
81) Benzo(a)anthracene	21.995	228	488948	48.765	ng	100
82) 3,3'-Dichlorobenzidine	21.889	252	126040	39.246	ng	98
83) Chrysene	22.066	228	445354	47.208	ng	99
84) Bis(2-ethylhexyl)phtha...	21.831	149	253412	52.786	ng	99
85) Di-n-octyl phthalate	23.123	149	423597	52.926	ng	98
87) Indeno(1,2,3-cd)pyrene	29.579	276	542862	48.565	ng	99
88) Benzo(b)fluoranthene	24.392	252	483780m	48.252	ng	
89) Benzo(k)fluoranthene	24.468	252	480741	47.186	ng	99
90) Benzo(a)pyrene	25.349	252	430236	43.924	ng	97
91) Dibenzo(a,h)anthracene	29.626	278	451808	48.534	ng	99
92) Benzo(g,h,i)perylene	30.860	276	441908	48.617	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
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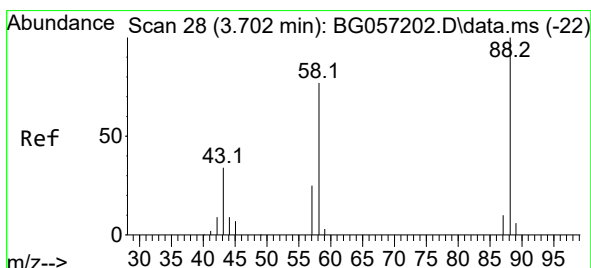
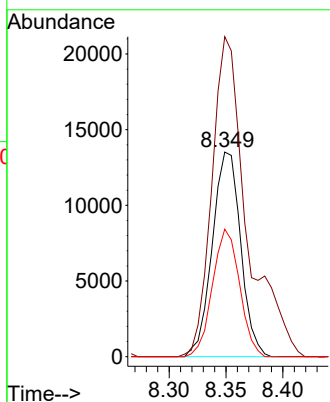
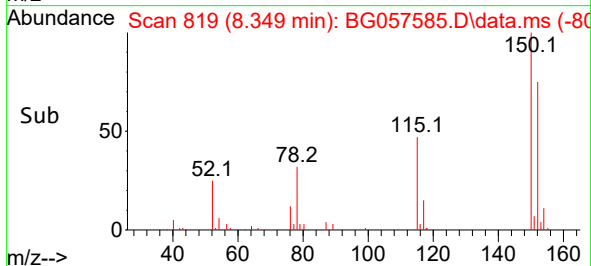
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:152 Resp: 2350
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 62.3 45.0 67.4

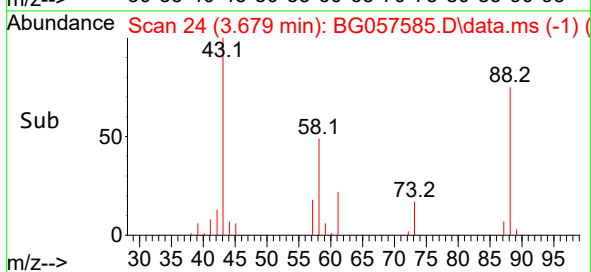
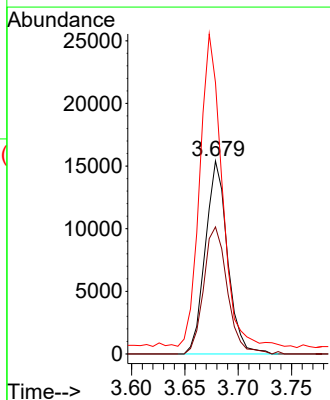
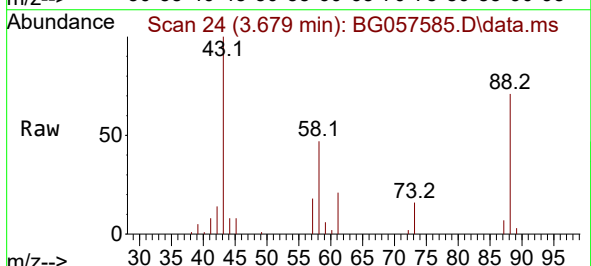
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#2
1,4-Dioxane
Concen: 39.202 ng
RT: 3.679 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion: 88 Resp: 22274
Ion Ratio Lower Upper
88 100
58 70.1 57.1 85.7
43 165.1 24.4 36.6#





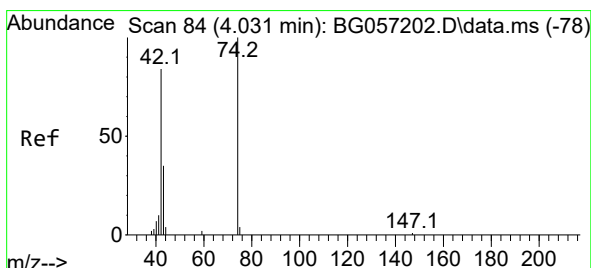
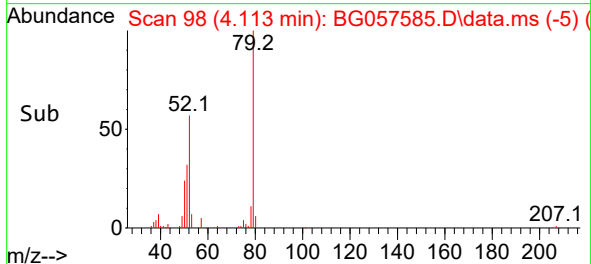
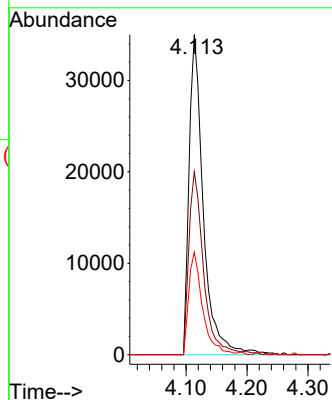
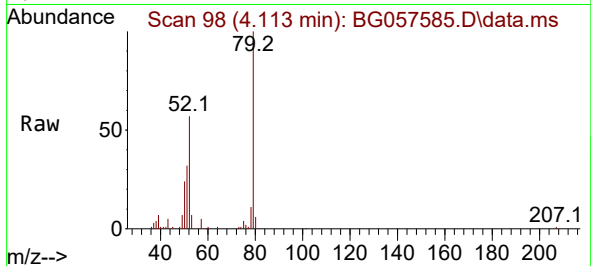
#3
Pyridine
Concen: 31.070 ng
RT: 4.113 min Scan# 90
Delta R.T. 0.015 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion: 79 Resp: 56734
Ion Ratio Lower Upper
79 100
52 57.2 51.4 77.0
51 32.0 28.0 42.0

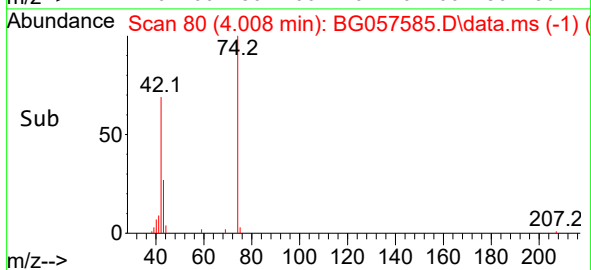
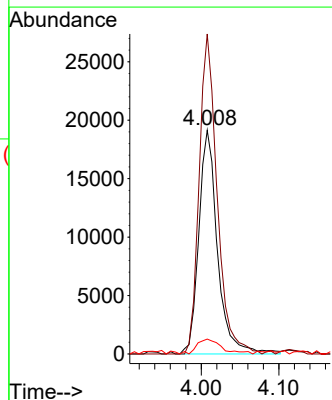
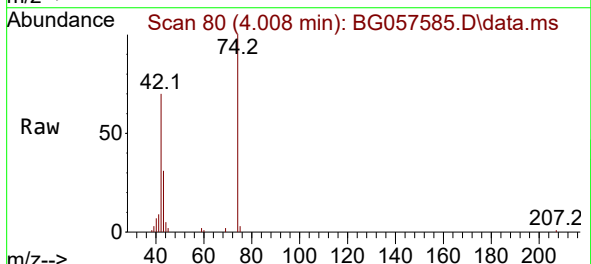
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#4
n-Nitrosodimethylamine
Concen: 37.432 ng
RT: 4.008 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

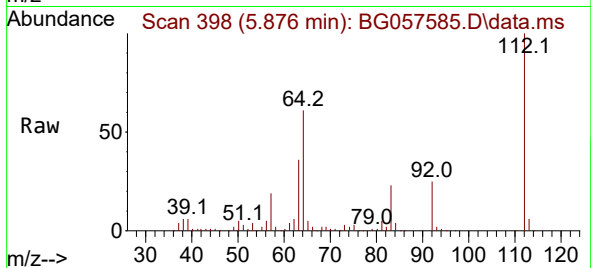
Tgt Ion: 42 Resp: 32120
Ion Ratio Lower Upper
42 100
74 143.0 95.1 142.7#
44 6.6 5.8 8.8





#5
2-Fluorophenol
Concen: 134.567 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

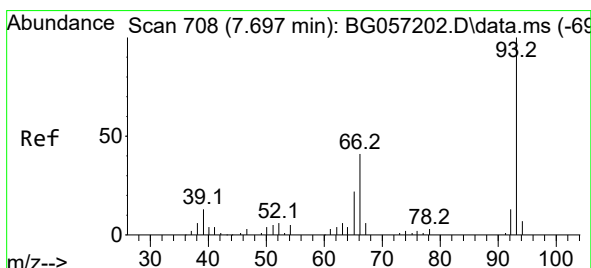
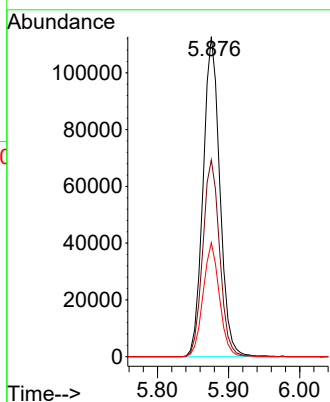
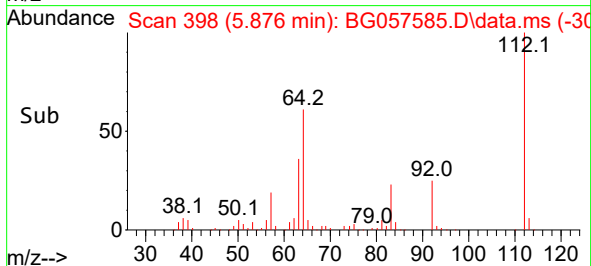
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:112 Resp: 184920
Ion Ratio Lower Upper
112 100
64 61.5 49.4 74.2
63 35.6 31.6 47.4

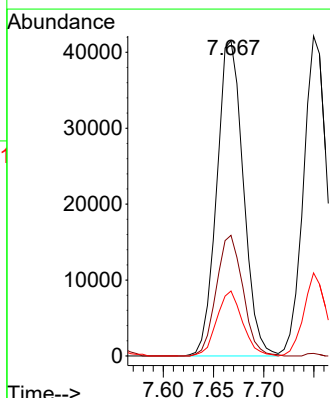
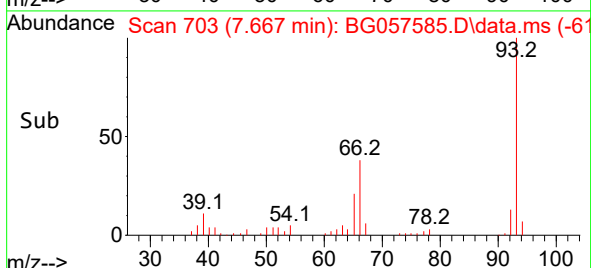
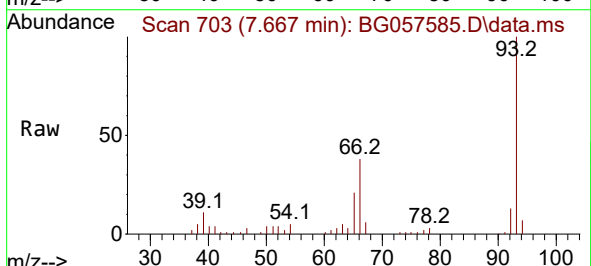
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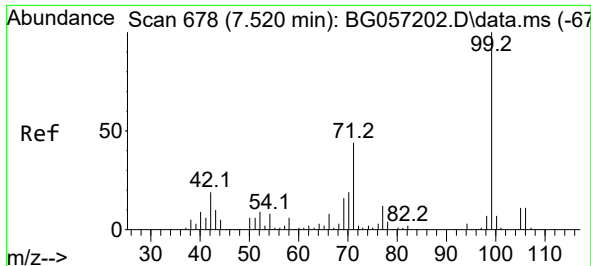
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#6
Aniline
Concen: 28.821 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion: 93 Resp: 76295
Ion Ratio Lower Upper
93 100
66 38.3 33.0 49.6
65 20.6 18.0 27.0





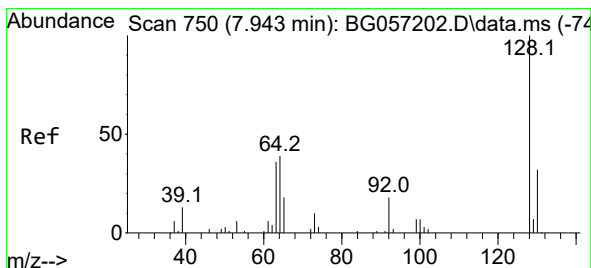
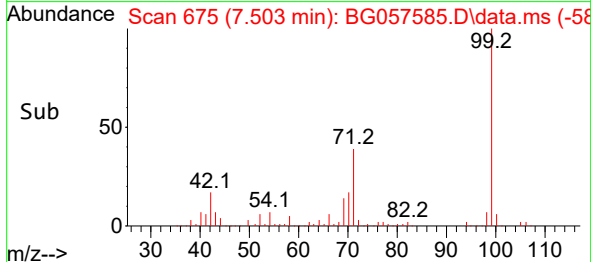
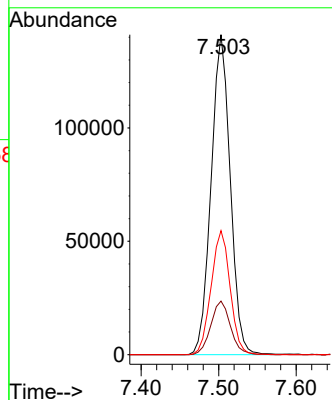
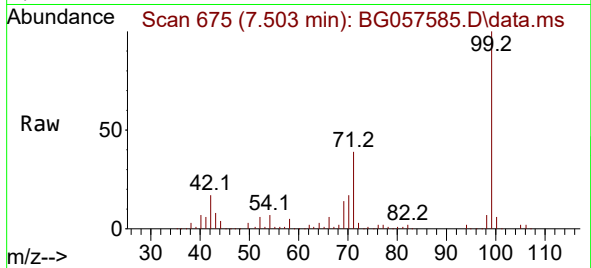
#7
Phenol-d6
Concen: 115.849 ng
RT: 7.503 min Scan# 678
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion: 99 Resp: 241748
Ion Ratio Lower Upper
99 100
42 16.7 15.1 22.7
71 38.7 35.2 52.8

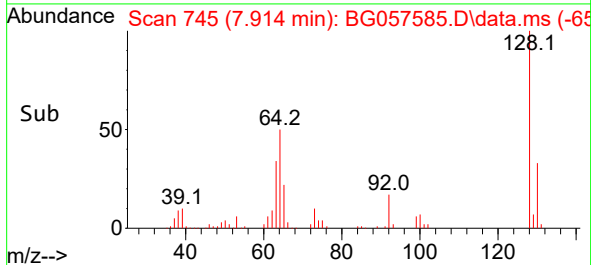
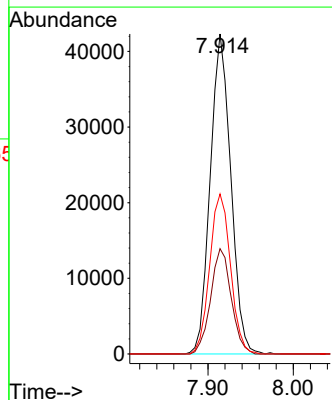
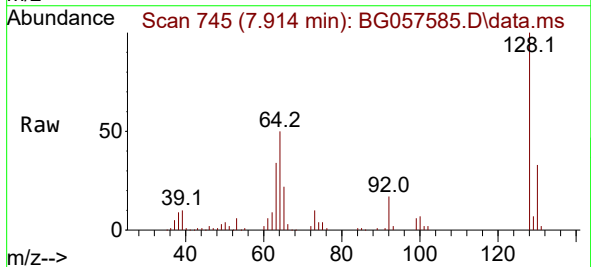
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#8
2-Chlorophenol
Concen: 48.837 ng
RT: 7.914 min Scan# 745
Delta R.T. -0.002 min
Lab File: BG057585.D
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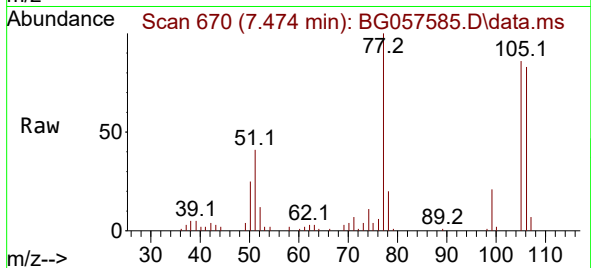
Tgt Ion:128 Resp: 70914
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 50.0 28.4 68.4





#9
Benzaldehyde
Concen: 44.413 ng m
RT: 7.474 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

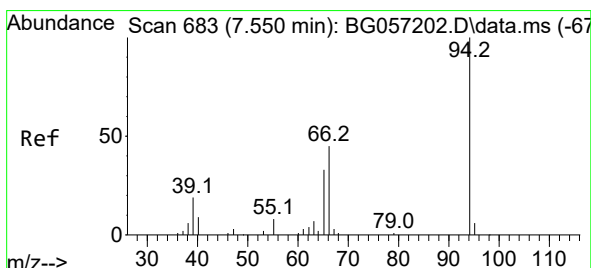
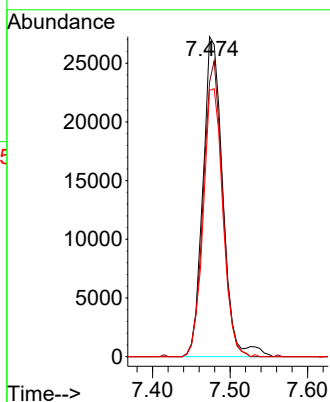
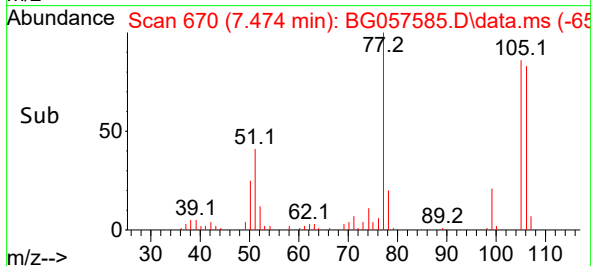
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion: 77 Resp: 48298
Ion Ratio Lower Upper
77 100
105 85.8 74.6 114.6
106 83.2 66.3 106.3

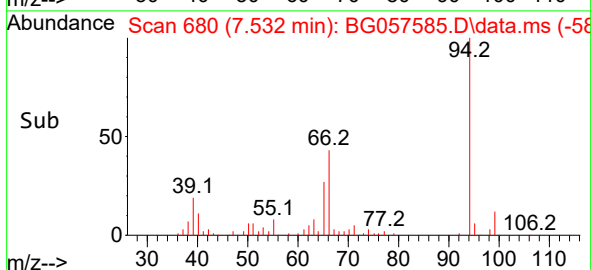
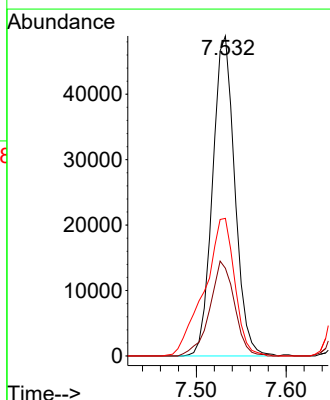
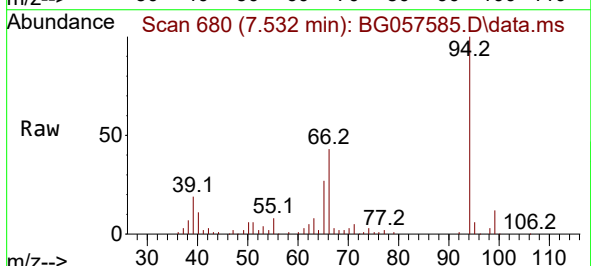
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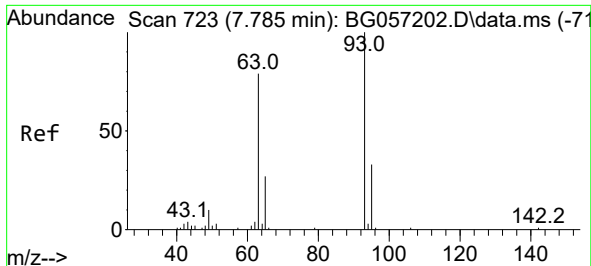
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#10
Phenol
Concen: 41.280 ng
RT: 7.532 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion: 94 Resp: 83972
Ion Ratio Lower Upper
94 100
65 27.4 13.5 53.5
66 43.0 26.7 66.7





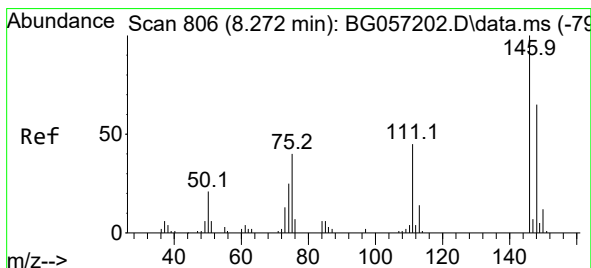
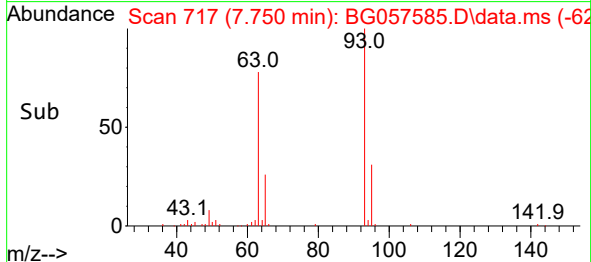
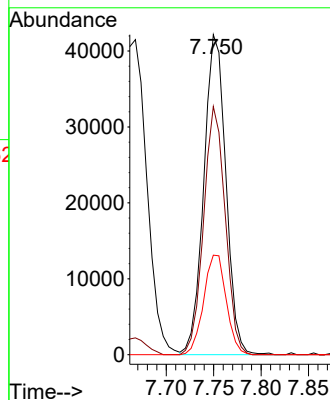
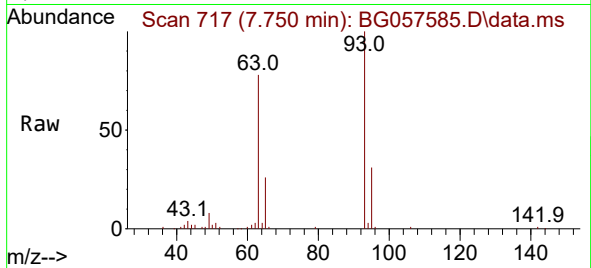
#11
bis(2-Chloroethyl)ether
Concen: 44.444 ng
RT: 7.750 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion: 93 Resp: 68174
Ion Ratio Lower Upper
93 100
63 77.6 58.6 98.6
95 31.1 12.2 52.2

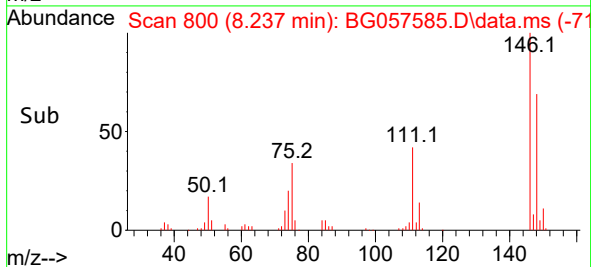
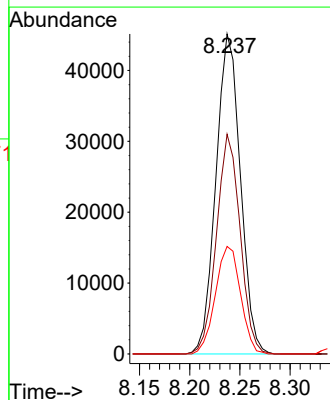
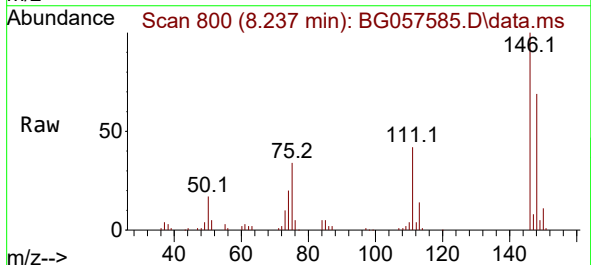
Manual Integrations
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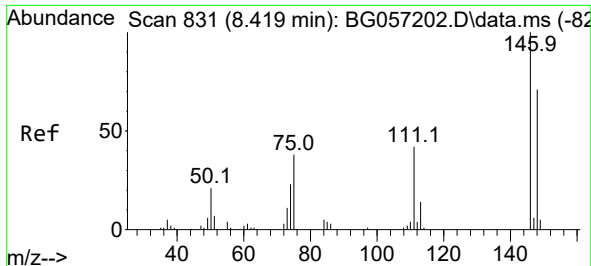
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#12
1,3-Dichlorobenzene
Concen: 47.723 ng
RT: 8.237 min Scan# 800
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:146 Resp: 76483
Ion Ratio Lower Upper
146 100
148 68.7 52.2 78.2
75 33.6 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 47.744 ng

RT: 8.390 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion:146 Resp: 7685

Ion Ratio Lower Upper

146 100

148 66.4 56.4 84.6

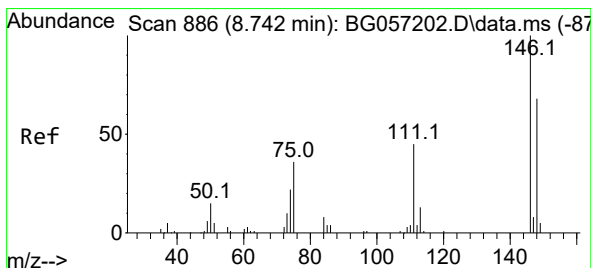
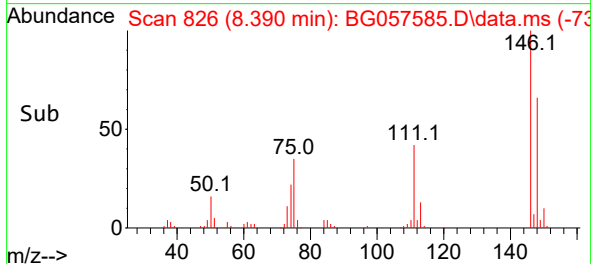
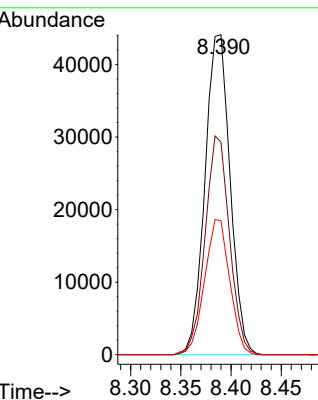
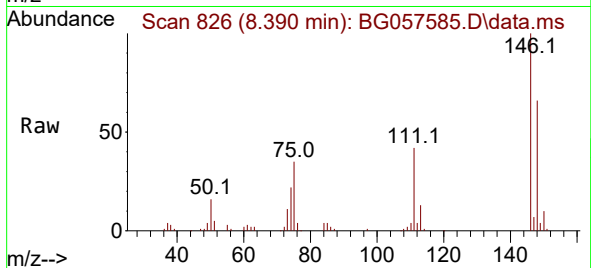
111 41.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#14

1,2-Dichlorobenzene

Concen: 48.525 ng

RT: 8.713 min Scan# 881

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

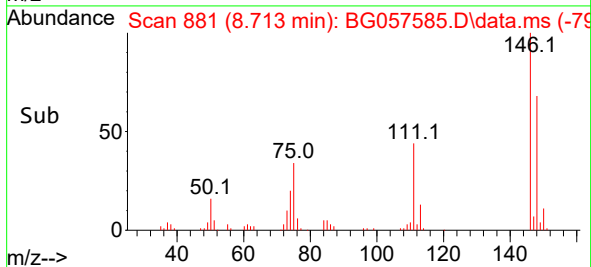
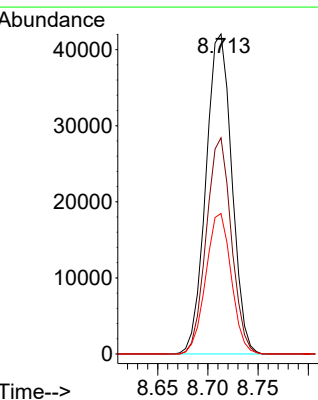
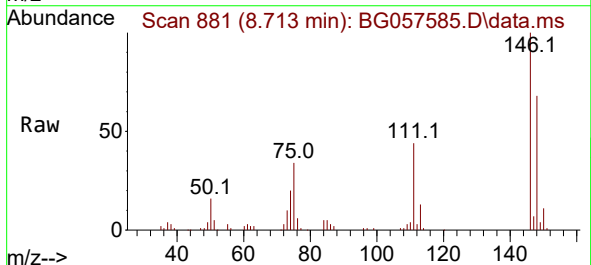
Tgt Ion:146 Resp: 75410

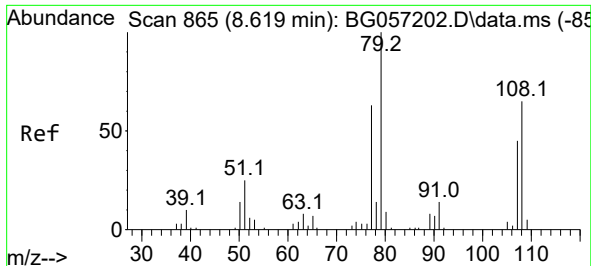
Ion Ratio Lower Upper

146 100

148 67.6 54.6 82.0

111 43.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.248 ng
RT: 8.590 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

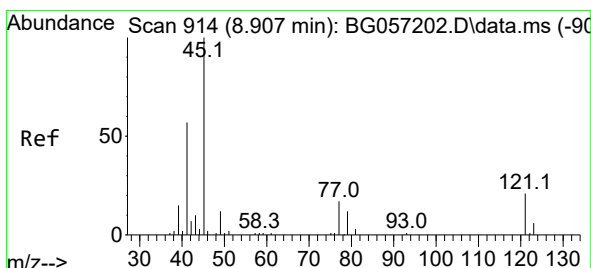
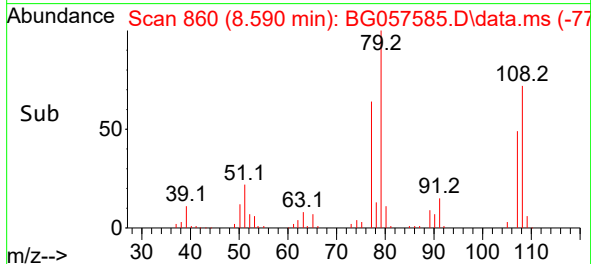
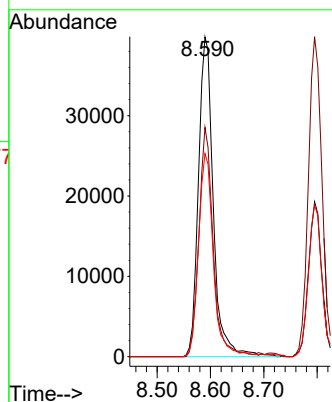
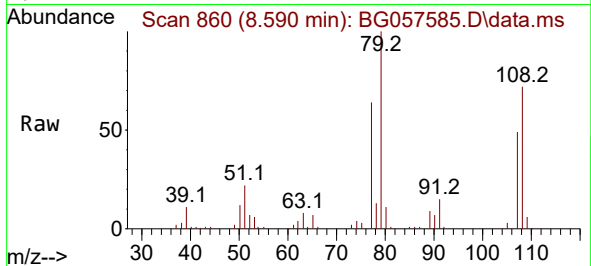
ClientSampleId :

TP-70AMSD

Tgt Ion: 79 Resp: 7692
Ion Ratio Lower Upper
79 100
108 71.7 52.2 78.2
77 63.6 50.1 75.1

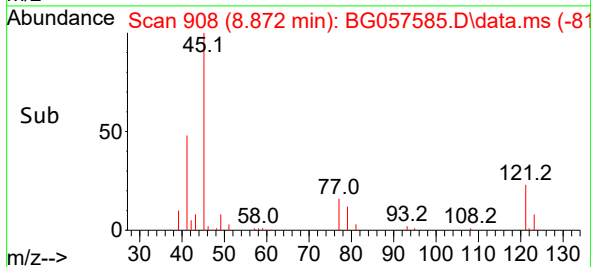
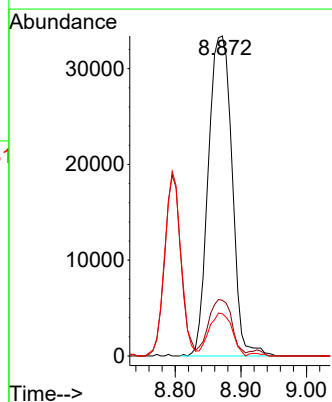
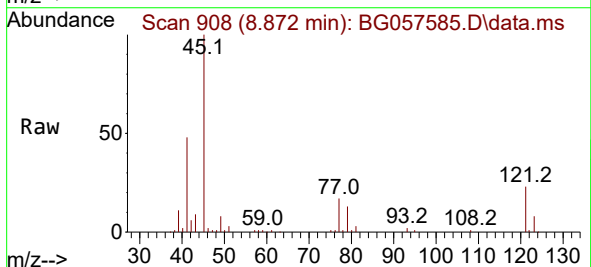
Manual Integrations
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Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.349 ng
RT: 8.872 min Scan# 908
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

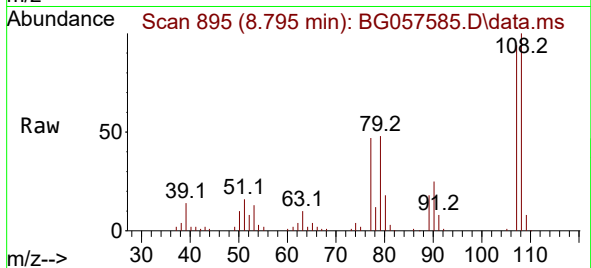
Tgt Ion: 45 Resp: 83809
Ion Ratio Lower Upper
45 100
77 17.4 0.0 38.5
79 13.2 0.0 33.8





#17
2-Methylphenol
Concen: 43.238 ng
RT: 8.795 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

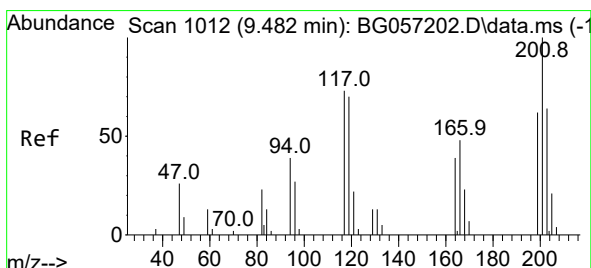
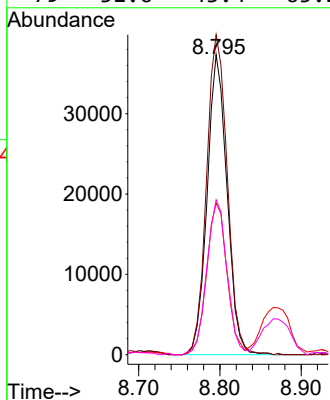
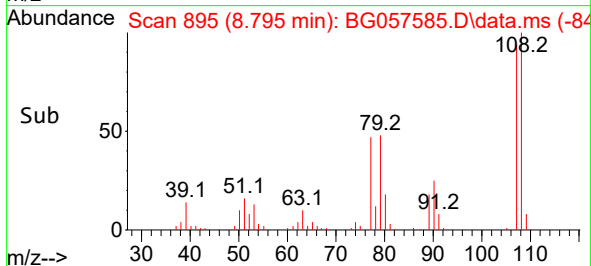
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



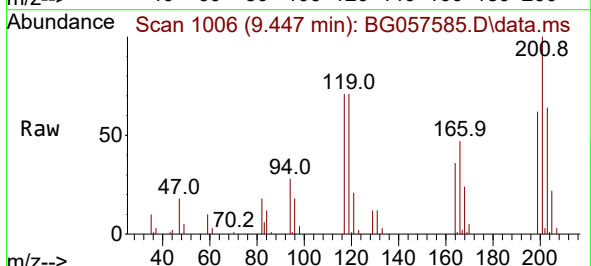
Tgt Ion:107 Resp: 6340
Ion Ratio Lower Upper
107 100
108 106.6 89.5 134.3
77 50.5 45.1 67.7
79 51.6 43.4 65.2

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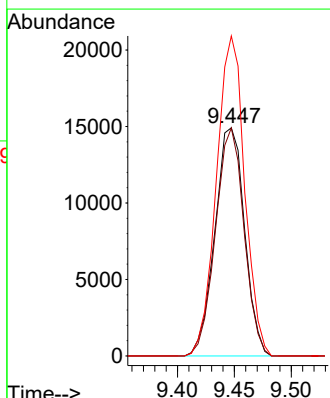
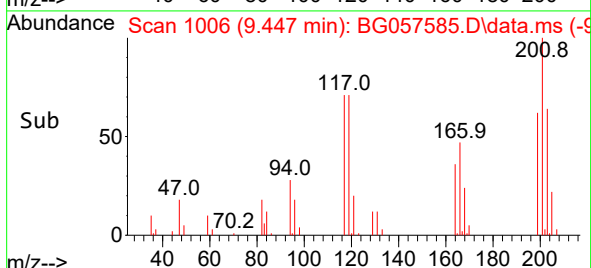
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

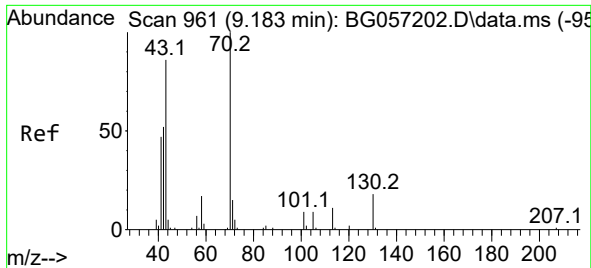


#18
Hexachloroethane
Concen: 46.618 ng
RT: 9.447 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:117 Resp: 27082
Ion Ratio Lower Upper
117 100
119 100.0 76.7 115.1
201 140.3 109.0 163.4





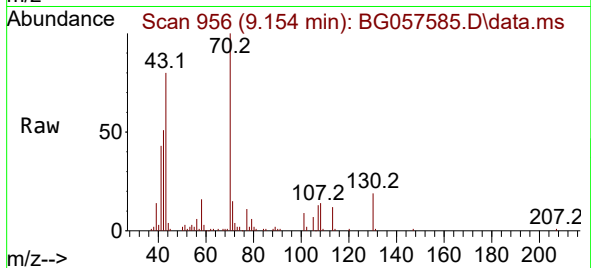
#19
n-Nitroso-di-n-propylamine
Concen: 38.429 ng
RT: 9.154 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

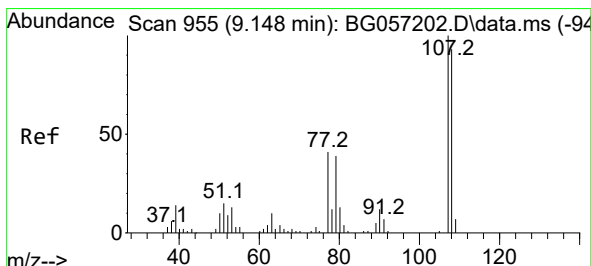
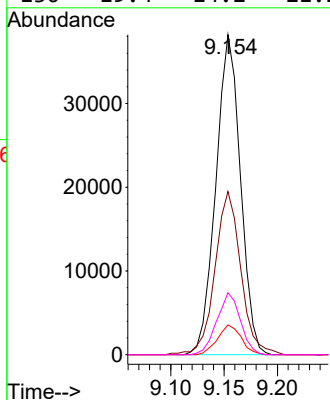
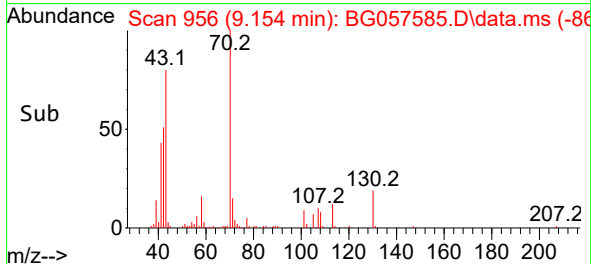


Tgt Ion: 70 Resp: 6114
Ion Ratio Lower Upper
70 100
42 51.0 41.8 62.8
101 9.3 6.8 10.2
130 19.4 14.2 21.2

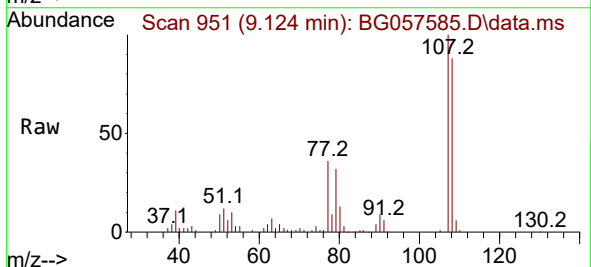
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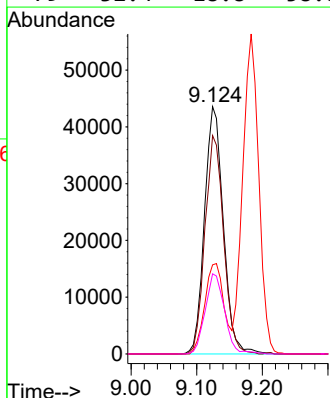
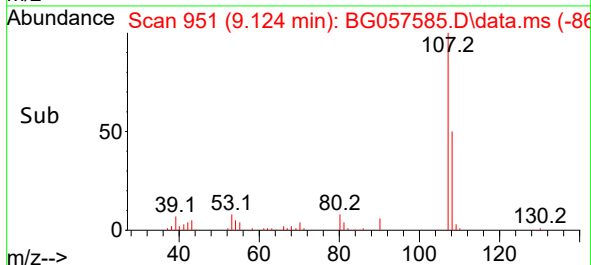
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

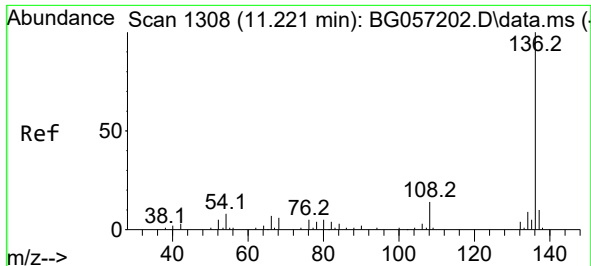


#20
3+4-Methylphenols
Concen: 43.315 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:107 Resp: 86971
Ion Ratio Lower Upper
107 100
108 88.3 73.5 113.5
77 36.0 21.1 61.1
79 32.4 18.8 58.8





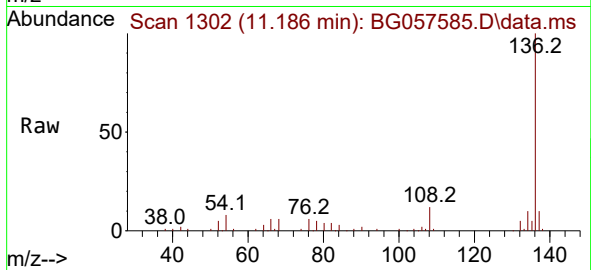
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1118
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

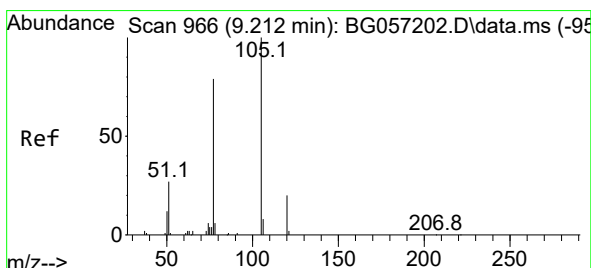
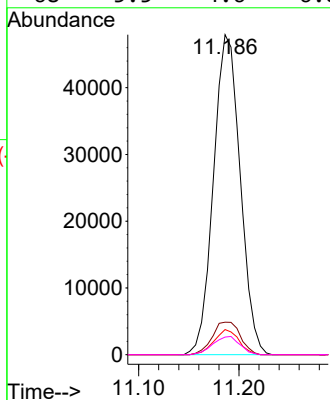
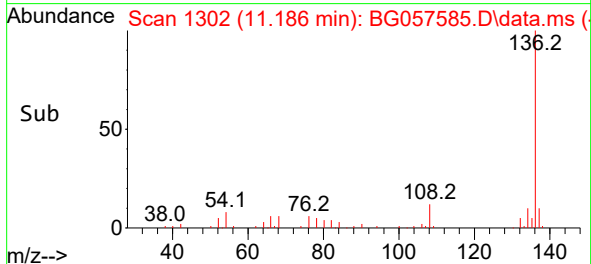


Tgt Ion:136 Resp: 88440
Ion Ratio Lower Upper
136 100
137 10.2 8.3 12.5
54 7.8 6.7 10.1
68 5.5 4.6 6.8

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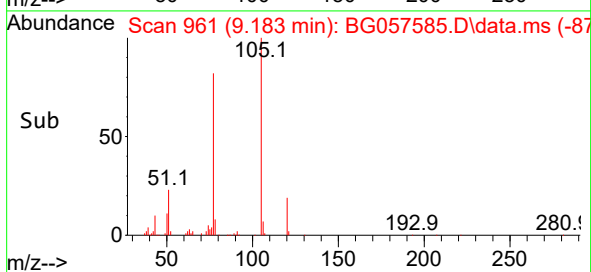
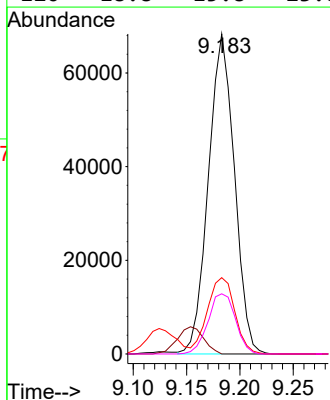
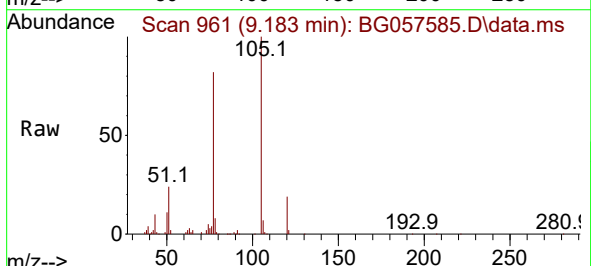
APPROVED

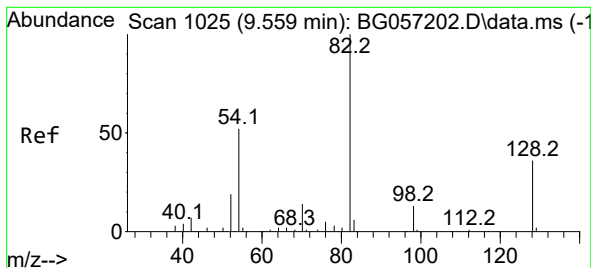
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 45.764 ng
RT: 9.183 min Scan# 961
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:105 Resp: 115848
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 23.9 24.0 36.0#
120 18.8 15.8 23.8





#23

Nitrobenzene-d5

Concen: 85.270 ng

RT: 9.530 min Scan# 1020

Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion: 82 Resp: 17969

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.4

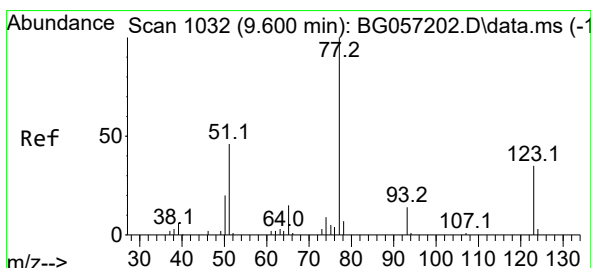
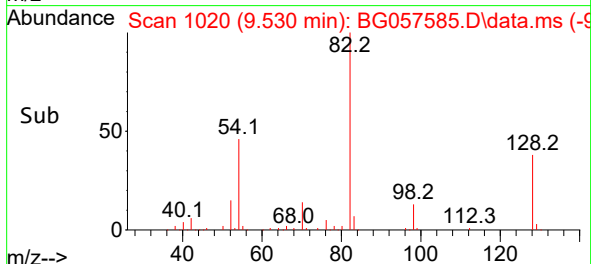
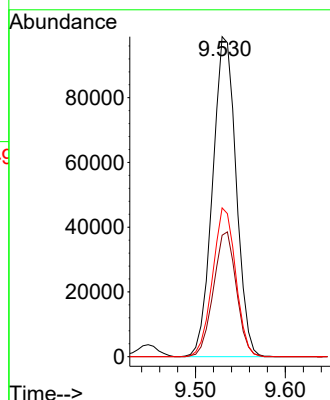
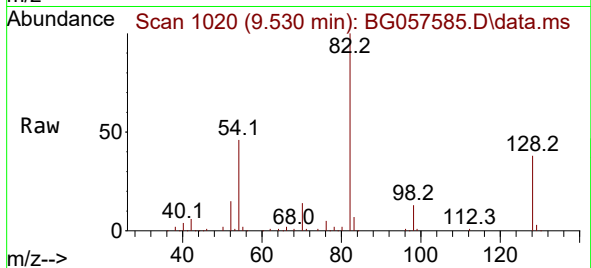
54 46.5 41.4 62.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#24

Nitrobenzene

Concen: 43.339 ng

RT: 9.577 min Scan# 1028

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

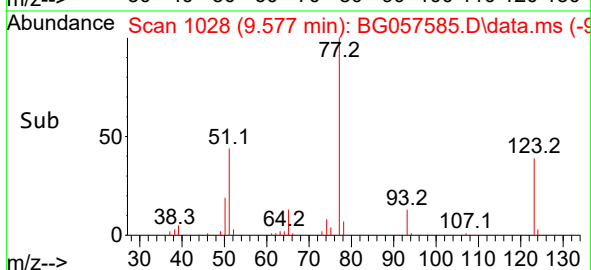
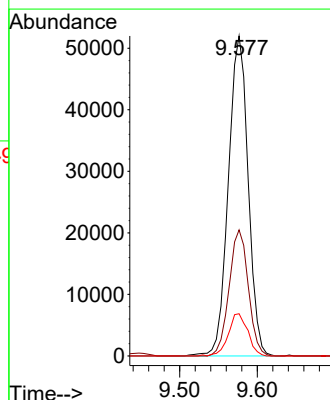
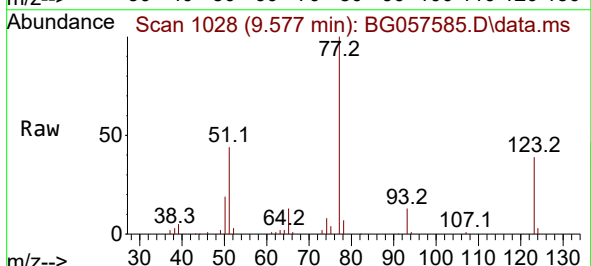
Tgt Ion: 77 Resp: 92181

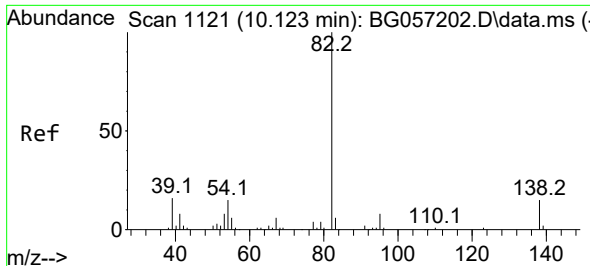
Ion Ratio Lower Upper

77 100

123 39.4 28.2 42.2

65 13.2 11.7 17.5





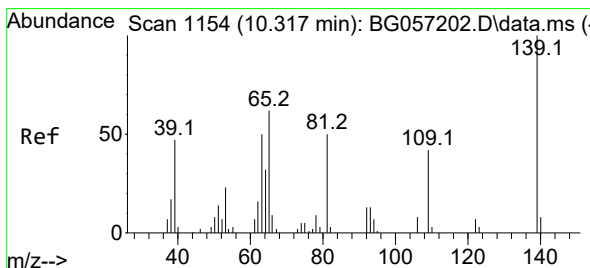
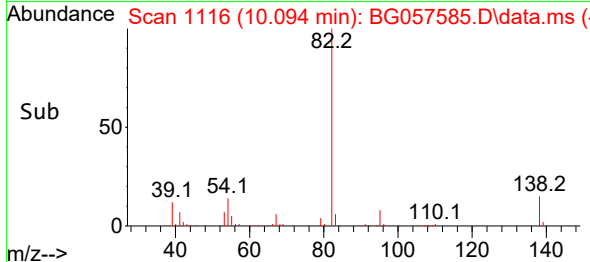
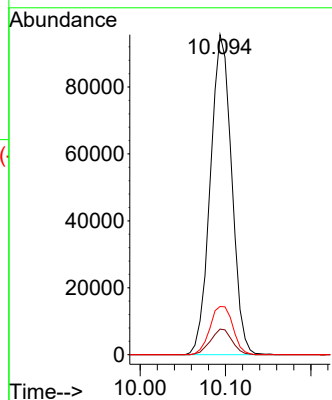
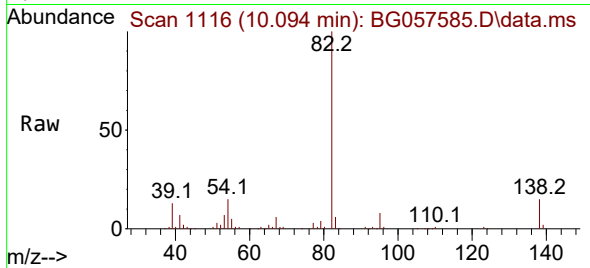
#25
Isophorone
Concen: 40.649 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion: 82 Resp: 16610
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 15.0 12.3 18.5

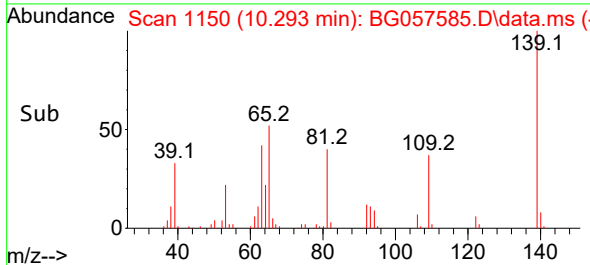
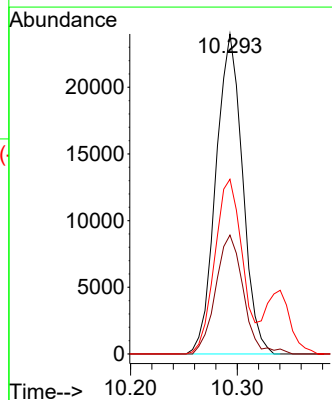
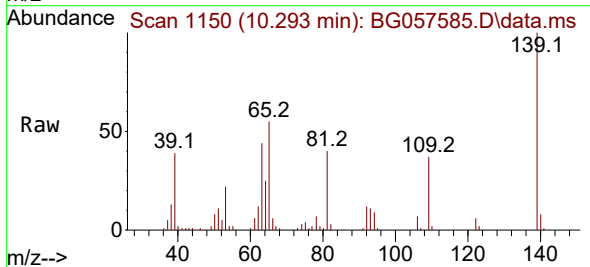
Manual Integrations
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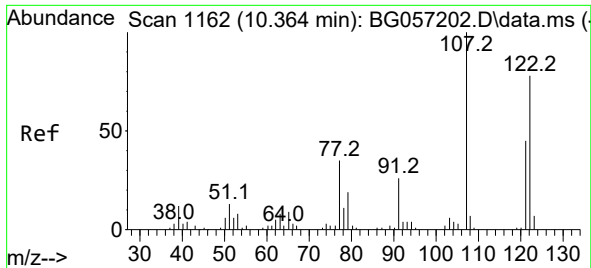
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
2-Nitrophenol
Concen: 51.150 ng
RT: 10.293 min Scan# 1150
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:139 Resp: 41644
Ion Ratio Lower Upper
139 100
109 37.1 33.4 50.2
65 54.6 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 50.060 ng
RT: 10.340 min Scan# 1162
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

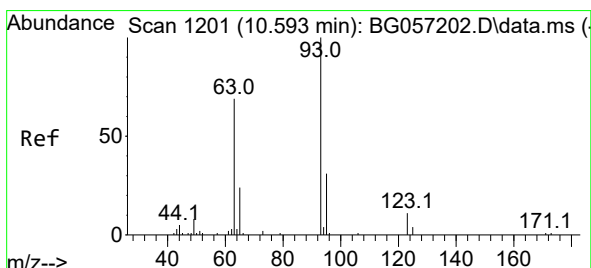
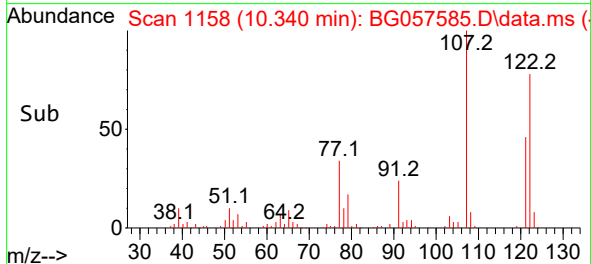
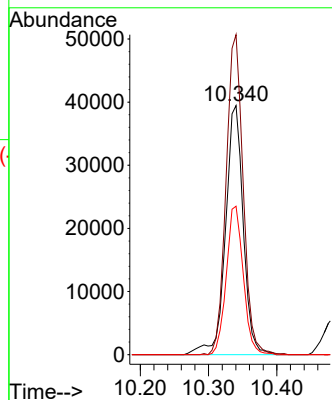
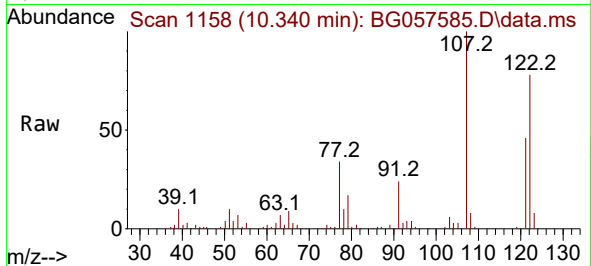
TP-70AMSD

Tgt Ion:122 Resp: 71360
Ion Ratio Lower Upper
122 100
107 128.5 103.0 154.4
121 59.6 45.9 68.9

Manual Integrations

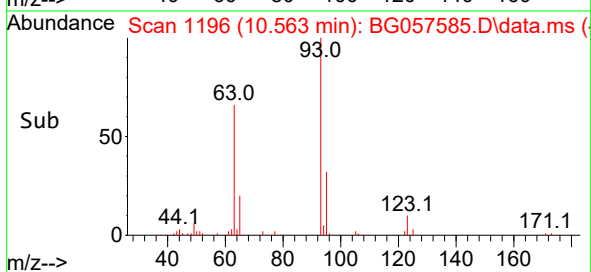
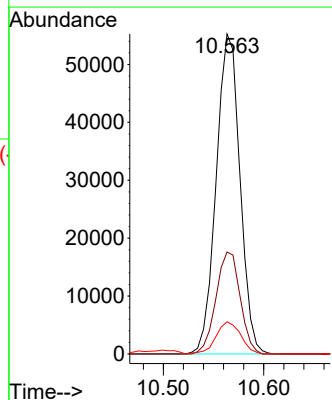
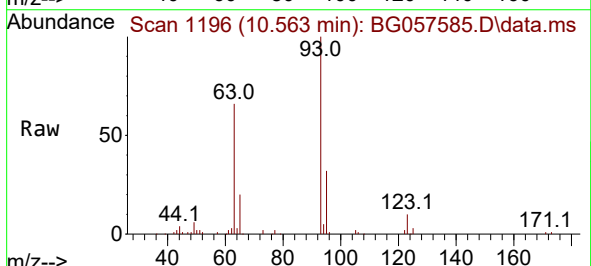
APPROVED

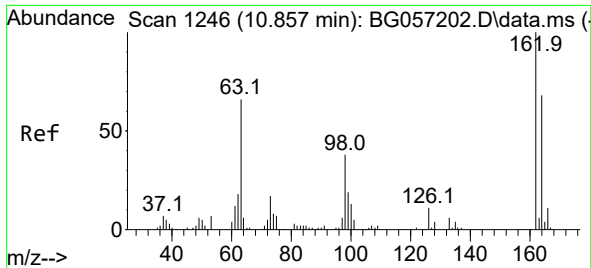
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.326 ng
RT: 10.563 min Scan# 1196
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion: 93 Resp: 90741
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.6
123 10.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.172 ng

RT: 10.840 min Scan# 1243

Delta R.T. -0.002 min

Lab File: BG057585.D

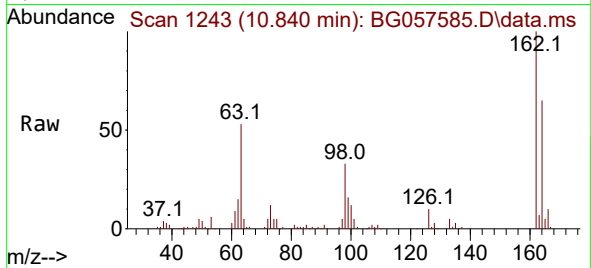
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD



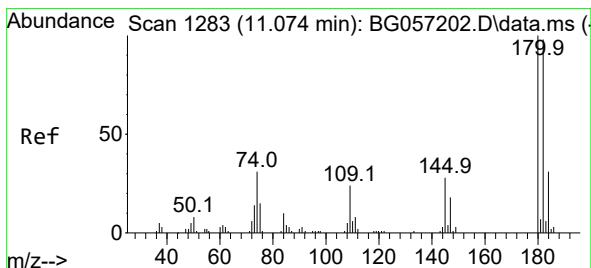
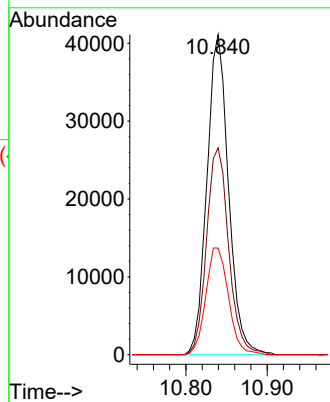
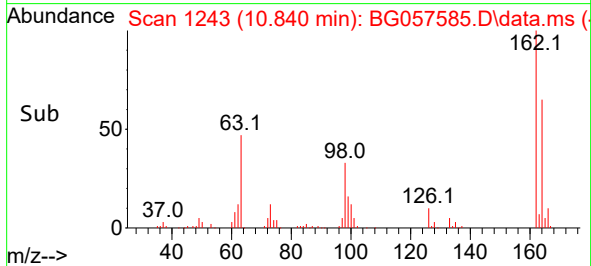
Tgt Ion:	162	Resp:	75862
Ion Ratio	Lower	Upper	
162	100		
164	64.7	48.4	88.4
98	33.3	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.862 ng

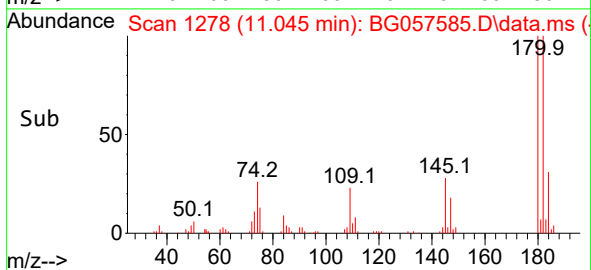
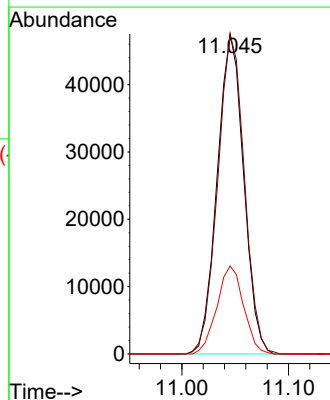
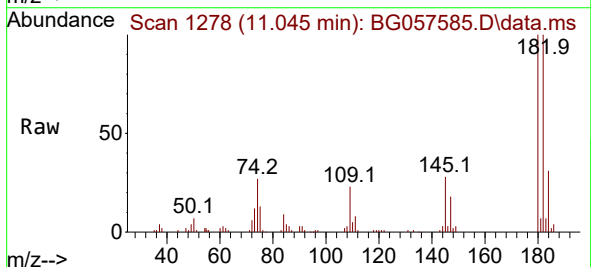
RT: 11.045 min Scan# 1278

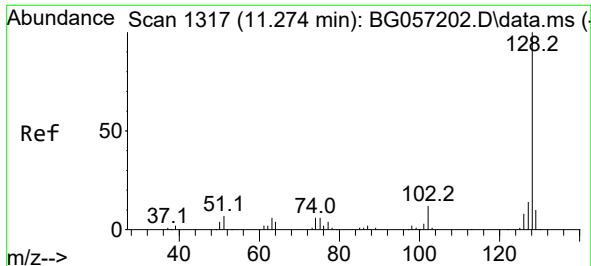
Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

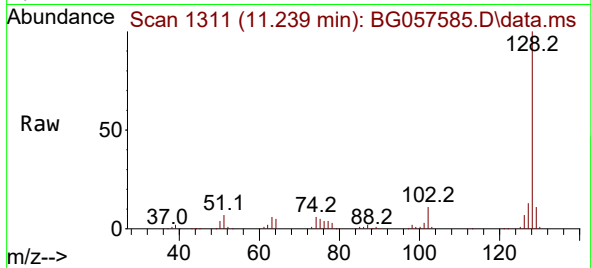
Tgt Ion:	180	Resp:	81727
Ion Ratio	Lower	Upper	
180	100		
182	100.0	78.0	117.0
145	27.5	22.4	33.6





#31
Naphthalene
Concen: 46.373 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

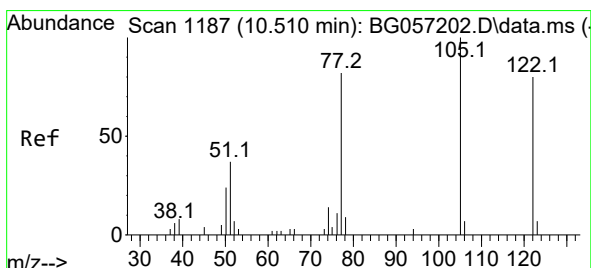
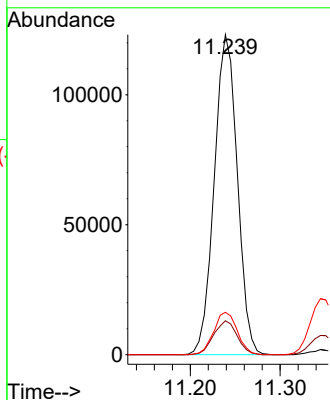
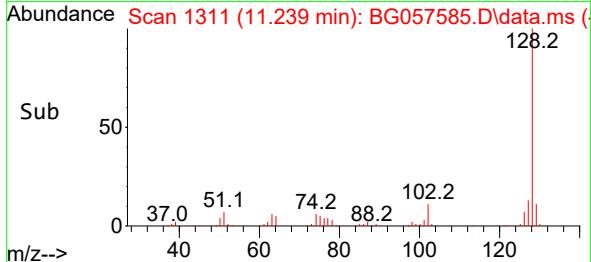
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



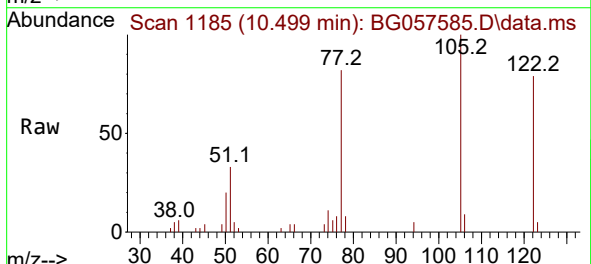
Tgt Ion:128 Resp: 21927
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.2 11.1 16.7

Manual Integrations
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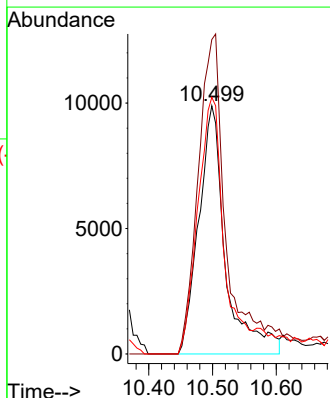
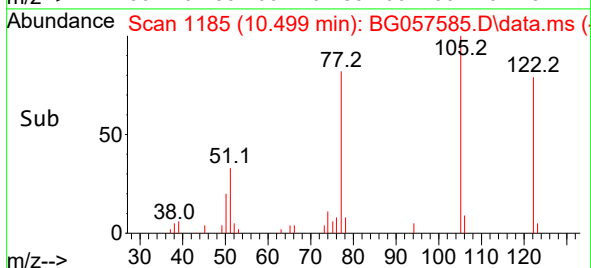
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzoic acid
Concen: 36.300 ng m
RT: 10.499 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:122 Resp: 28793
Ion Ratio Lower Upper
122 100
105 126.7 105.2 145.2
77 103.4 83.1 123.1





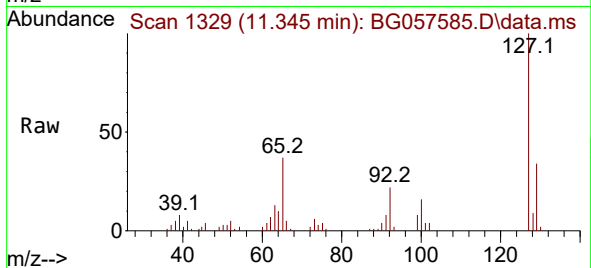
#33
4-Chloroaniline
Concen: 20.921 ng
RT: 11.345 min Scan# 1134
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

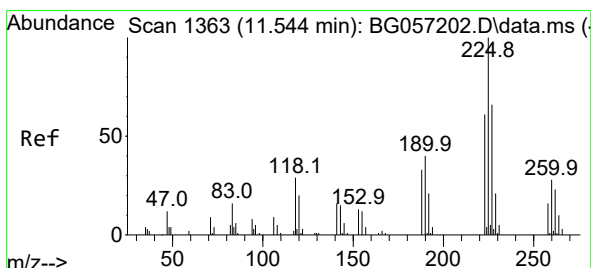
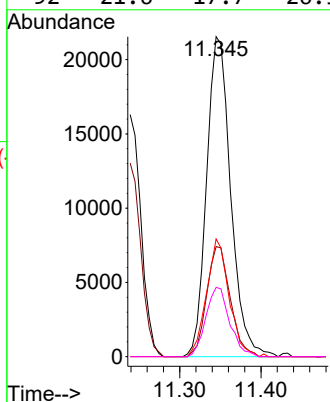
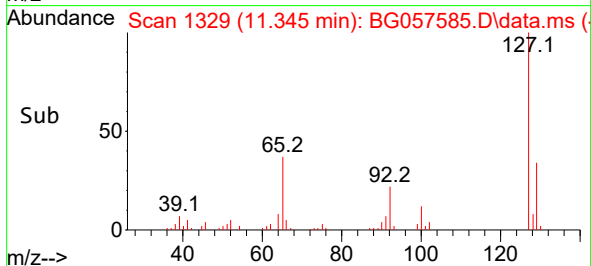


Tgt Ion:127 Resp: 44425
Ion Ratio Lower Upper
127 100
129 34.4 26.7 40.1
65 36.8 29.7 44.5
92 21.6 17.7 26.5

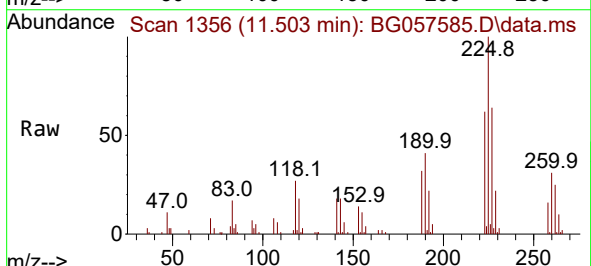
Manual Integrations

APPROVED

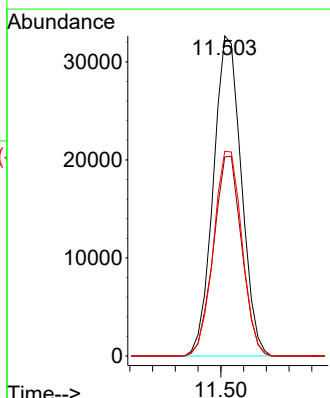
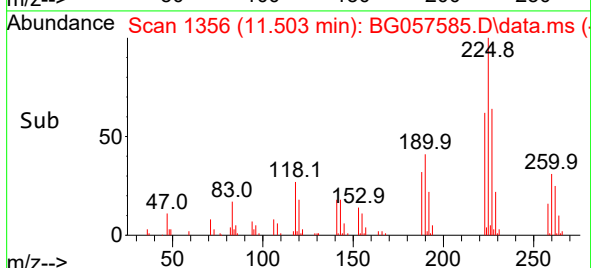
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

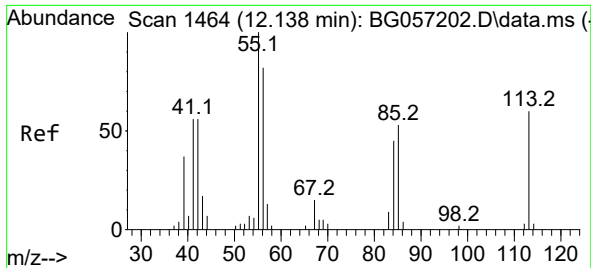


#34
Hexachlorobutadiene
Concen: 43.031 ng
RT: 11.503 min Scan# 1356
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



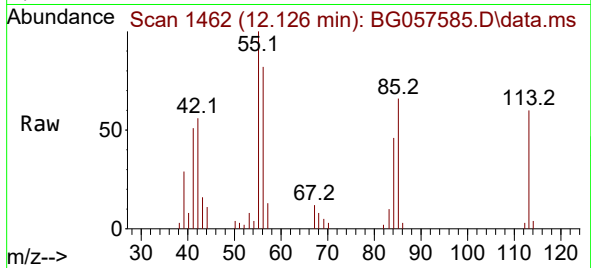
Tgt Ion:225 Resp: 55685
Ion Ratio Lower Upper
225 100
223 62.2 48.6 72.8
227 63.9 52.7 79.1





#35
Caprolactam
Concen: 40.115 ng m
RT: 12.126 min Scan# 1462
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

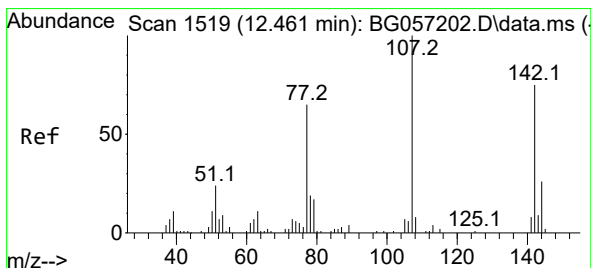
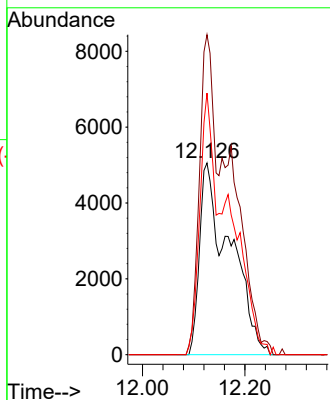
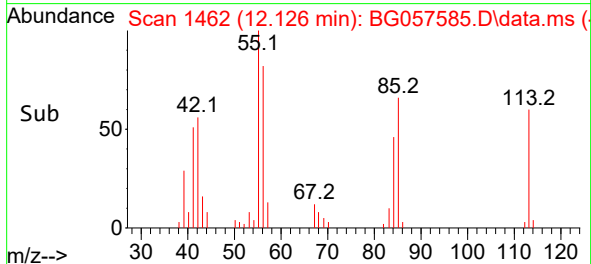
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



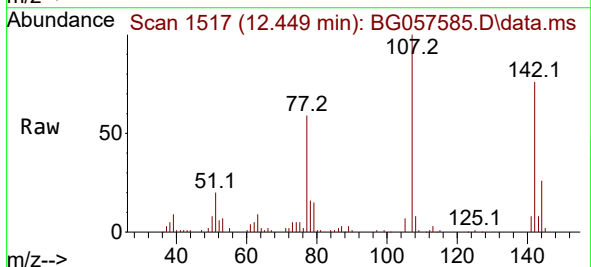
Tgt Ion:113 Resp: 20719
Ion Ratio Lower Upper
113 100
55 166.9 145.5 185.5
56 136.5 115.9 155.9

Manual Integrations
APPROVED

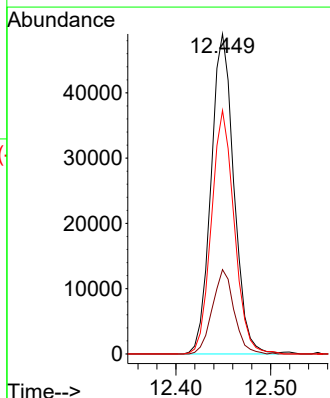
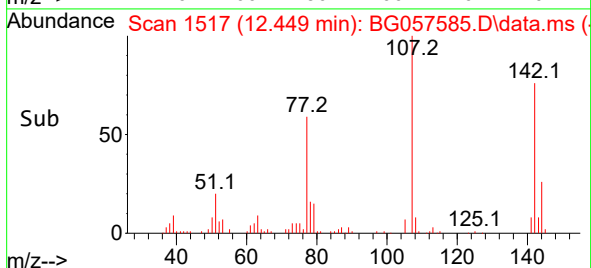
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

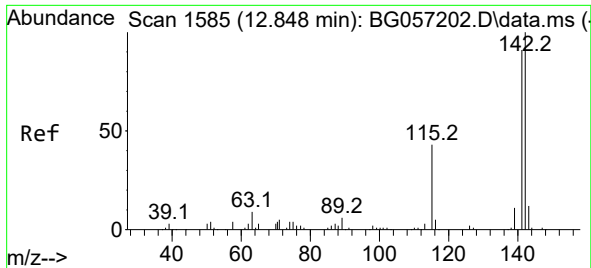


#36
4-Chloro-3-methylphenol
Concen: 47.813 ng
RT: 12.449 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



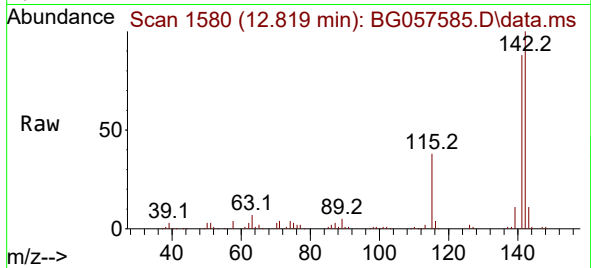
Tgt Ion:107 Resp: 82157
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 76.1 60.0 90.0





#37
2-Methylnaphthalene
Concen: 43.299 ng
RT: 12.819 min Scan# 1617
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

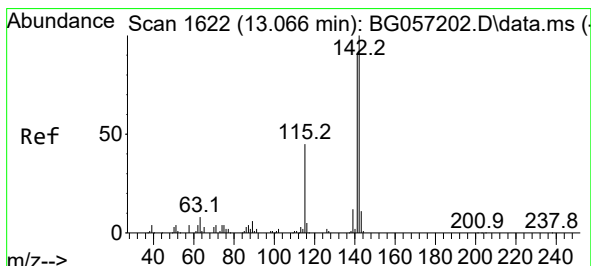
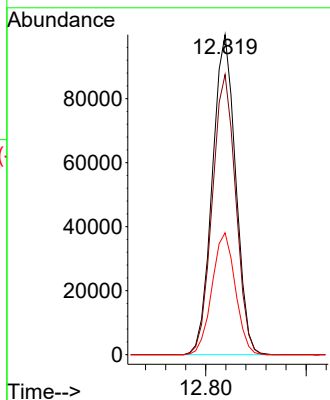
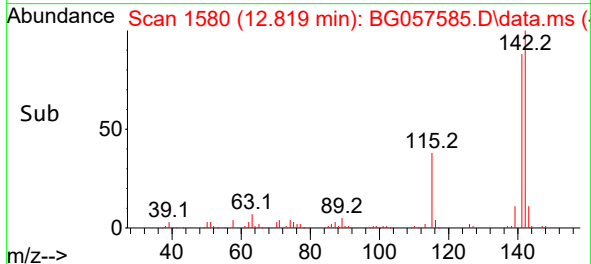
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:142 Resp: 160974
Ion Ratio Lower Upper
142 100
141 87.6 73.1 109.7
115 38.1 34.6 52.0

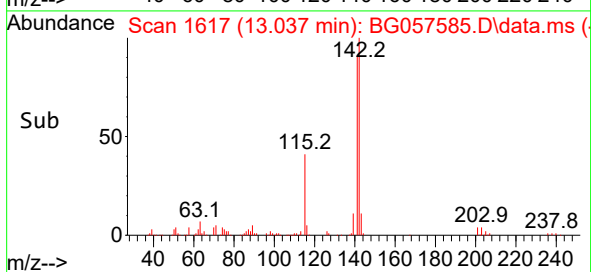
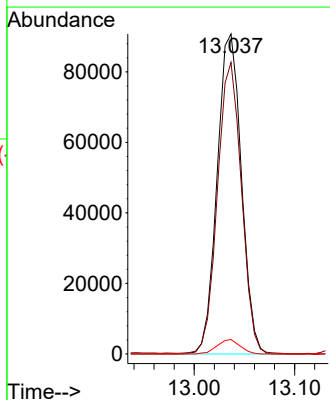
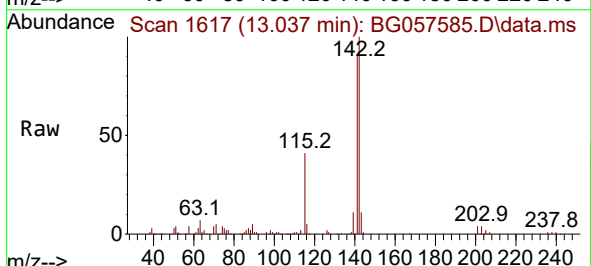
Manual Integrations
APPROVED

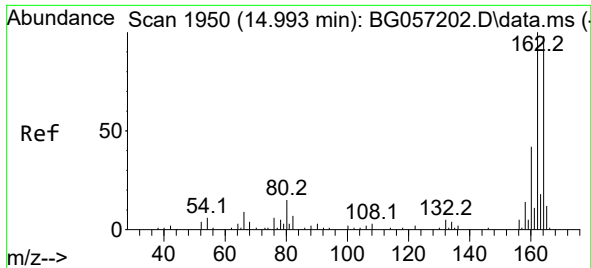
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38
1-Methylnaphthalene
Concen: 43.426 ng
RT: 13.037 min Scan# 1617
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:142 Resp: 152172
Ion Ratio Lower Upper
142 100
141 91.1 72.5 108.7
116 4.5 3.7 5.5





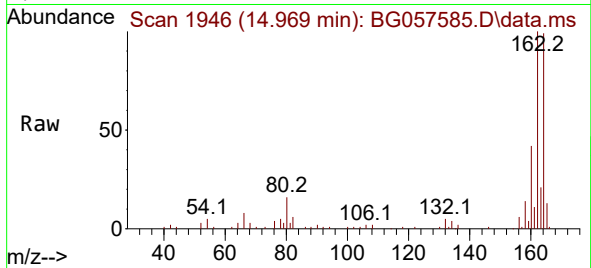
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1950
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

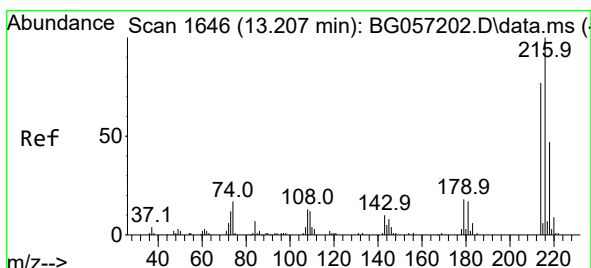
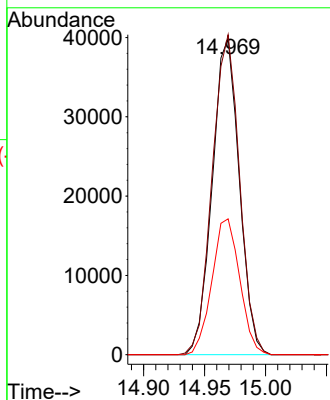
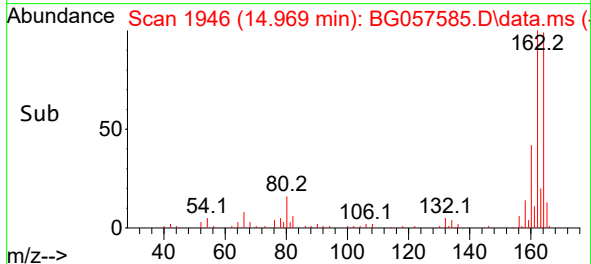


Tgt Ion:164 Resp: 61309
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 42.9 34.6 52.0

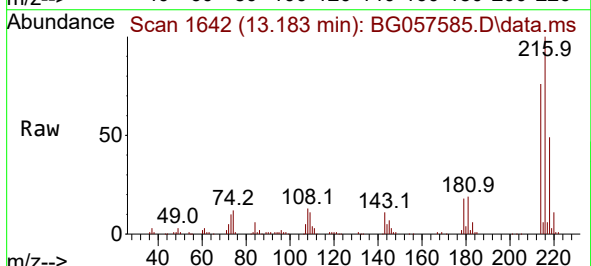
Manual Integrations

APPROVED

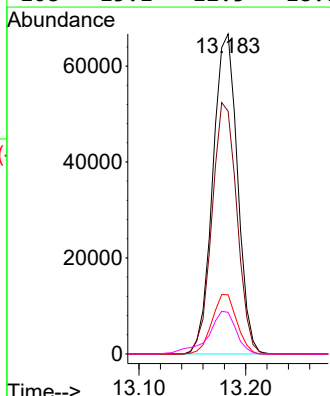
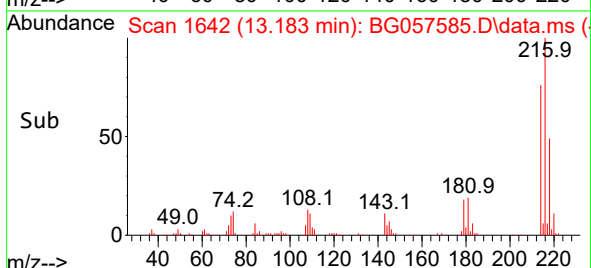
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.146 ng
RT: 13.183 min Scan# 1642
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



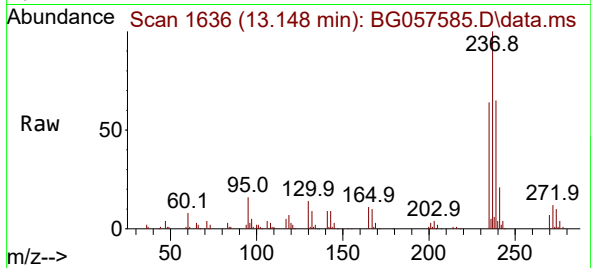
Tgt Ion:216 Resp: 106967
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 18.7 14.6 22.0
108 15.1 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 73.063 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

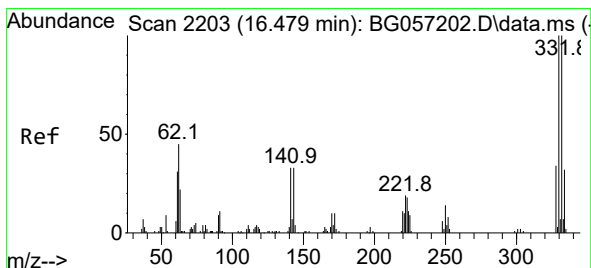
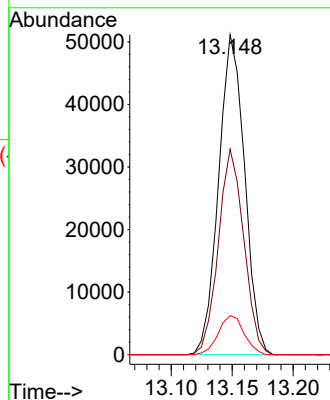
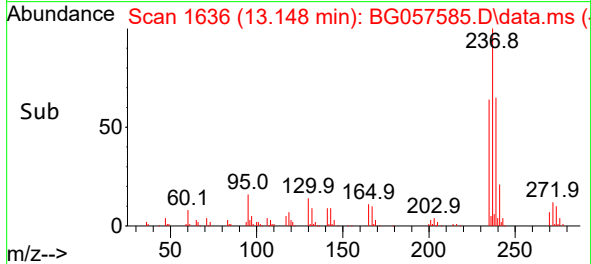
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



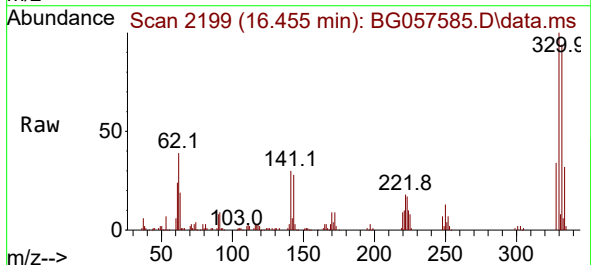
Tgt Ion:237 Resp: 75818
Ion Ratio Lower Upper
237 100
235 64.2 42.0 82.0
272 12.2 0.0 31.5

Manual Integrations
APPROVED

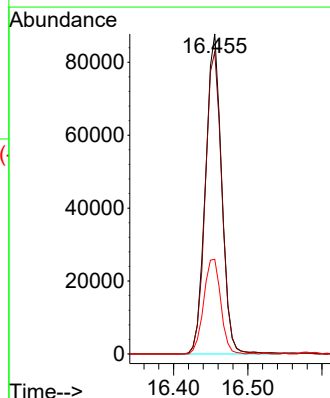
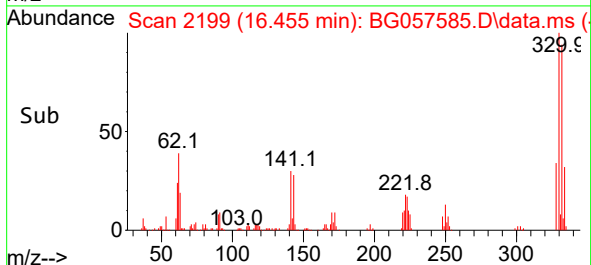
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

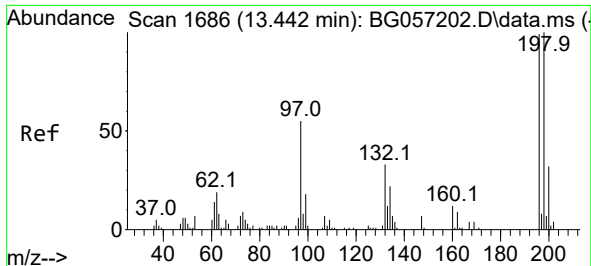


#42
2,4,6-Tribromophenol
Concen: 153.216 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



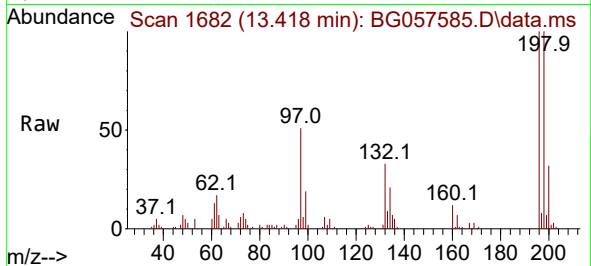
Tgt Ion:330 Resp: 133284
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 31.1 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 52.904 ng
RT: 13.418 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

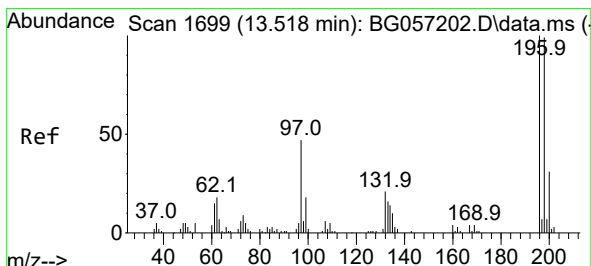
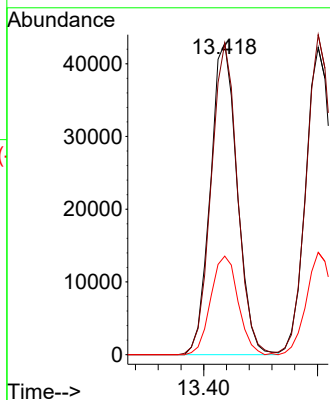
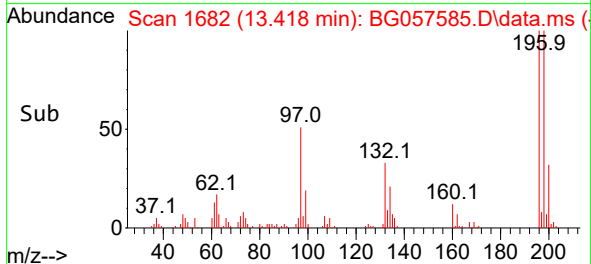
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:196 Resp: 70152
Ion Ratio Lower Upper
196 100
198 100.0 81.2 121.8
200 31.6 26.3 39.5

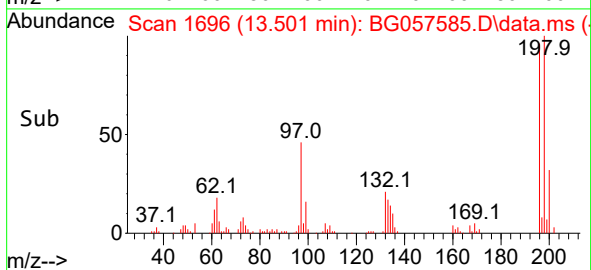
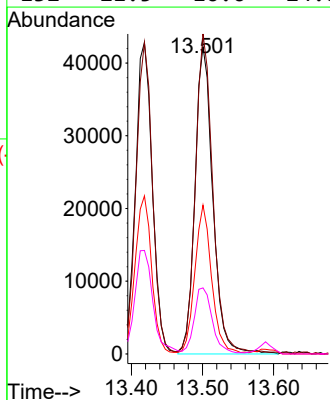
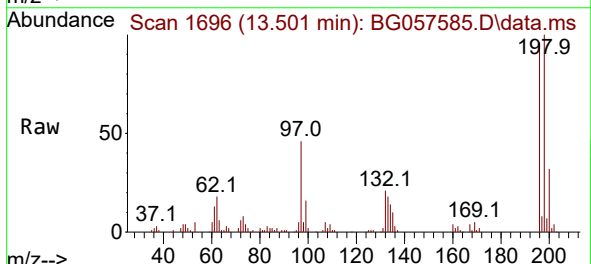
Manual Integrations
APPROVED

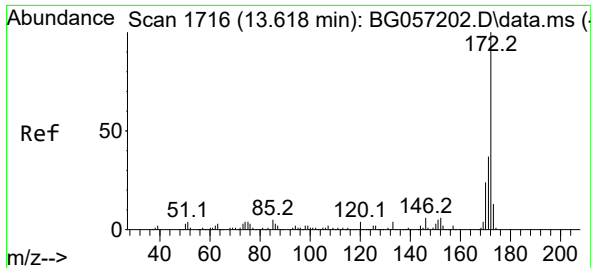
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#44
2,4,5-Trichlorophenol
Concen: 47.450 ng
RT: 13.501 min Scan# 1696
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

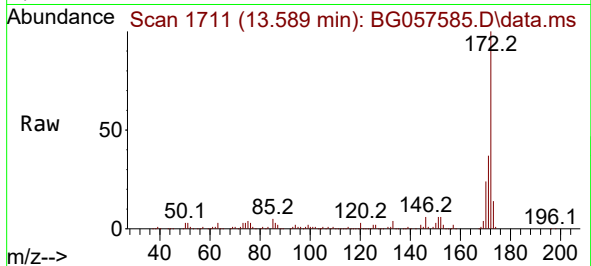
Tgt Ion:196 Resp: 74011
Ion Ratio Lower Upper
196 100
198 104.1 79.4 119.2
97 48.4 37.0 55.4
132 21.5 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 89.496 ng
RT: 13.589 min Scan# 1711
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

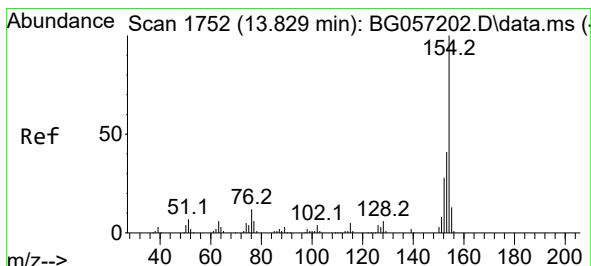
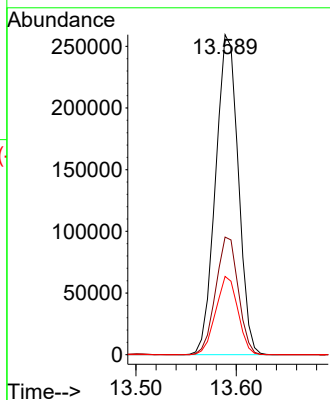
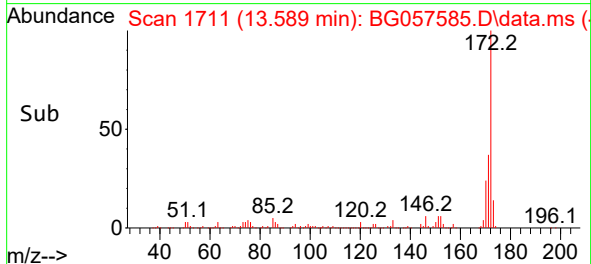
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



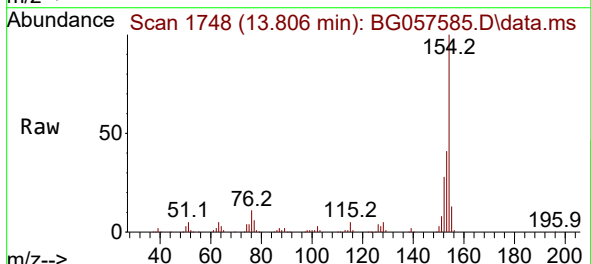
Tgt Ion:172 Resp: 407400
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.4 19.0 28.6

Manual Integrations
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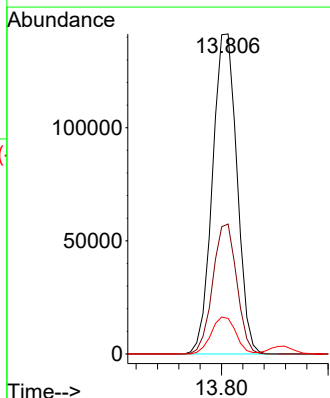
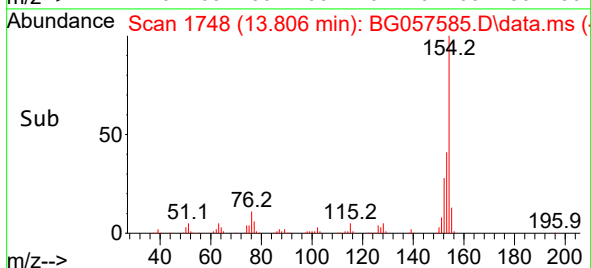
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#46
1,1'-Biphenyl
Concen: 49.458 ng
RT: 13.806 min Scan# 1748
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:154 Resp: 225003
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 11.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 51.185 ng

RT: 13.859 min Scan# 1761

Delta R.T. -0.002 min

Lab File: BG057585.D

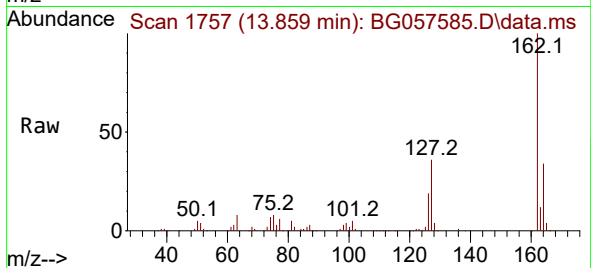
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD



Tgt Ion:162 Resp: 173159

Ion Ratio Lower Upper

162 100

127 36.4 29.8 44.6

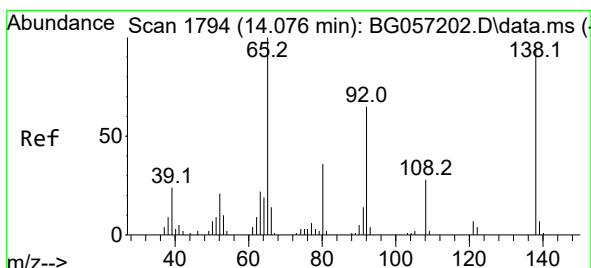
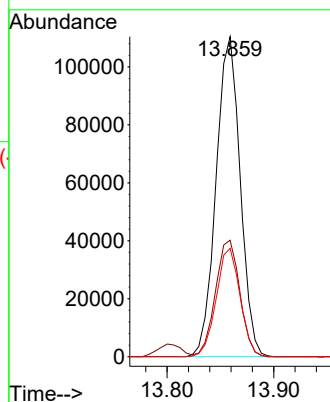
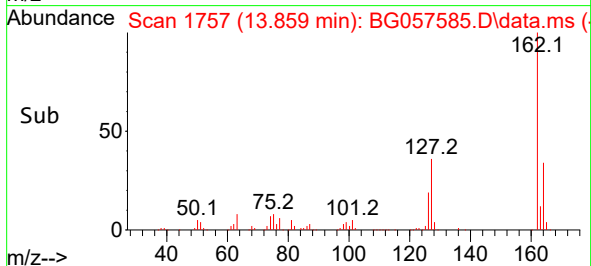
164 33.9 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#48

2-Nitroaniline

Concen: 49.221 ng

RT: 14.059 min Scan# 1791

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

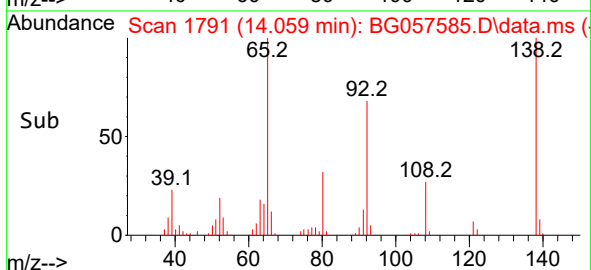
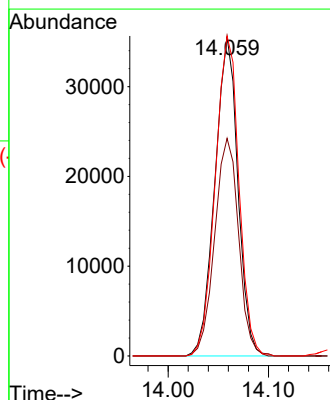
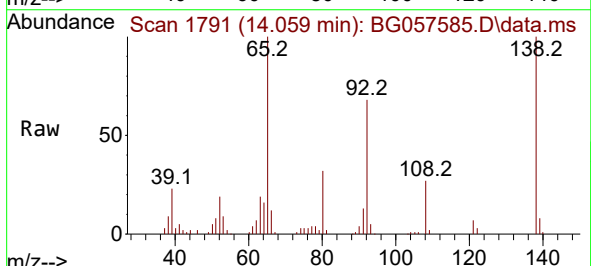
Tgt Ion: 65 Resp: 56618

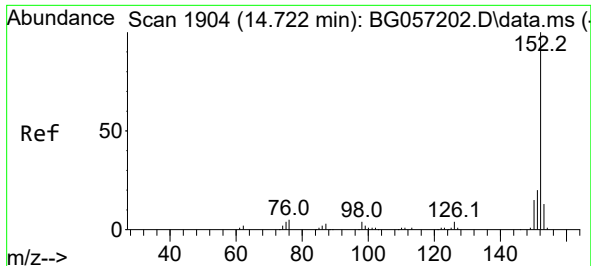
Ion Ratio Lower Upper

65 100

92 68.2 52.1 78.1

138 100.3 75.3 112.9





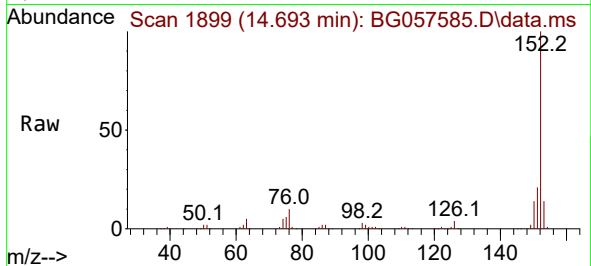
#49
Acenaphthylene
Concen: 49.883 ng
RT: 14.693 min Scan# 1899
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

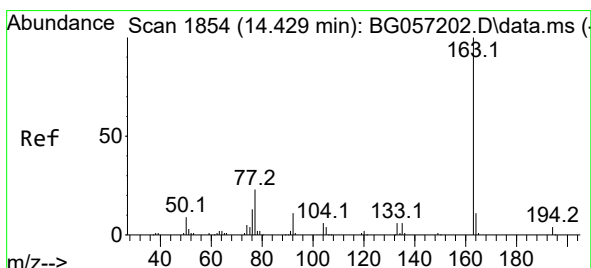
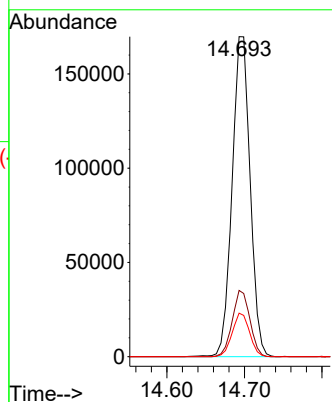
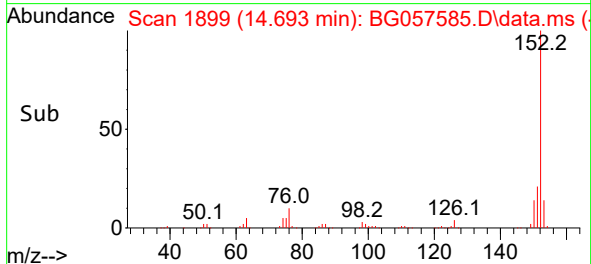


Tgt Ion:152 Resp: 27416
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.6 10.7 16.1

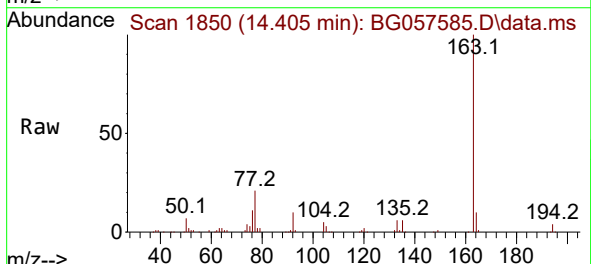
Manual Integrations

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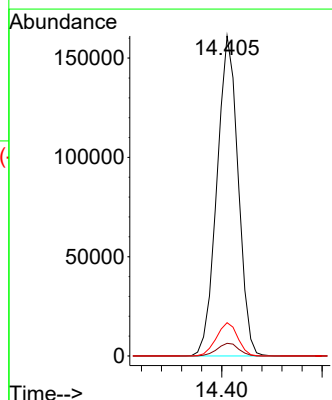
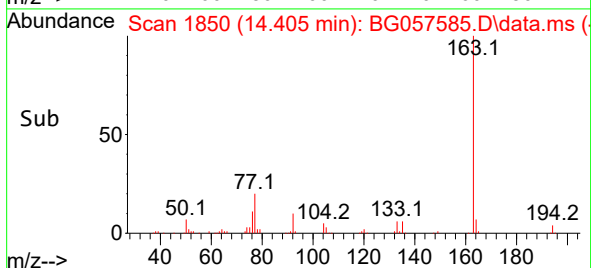
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

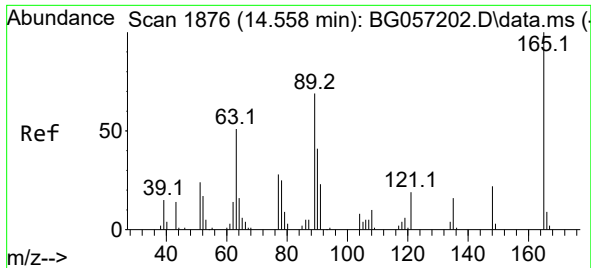


#50
Dimethylphthalate
Concen: 46.869 ng
RT: 14.405 min Scan# 1850
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:163 Resp: 236132
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.4 8.8 13.2





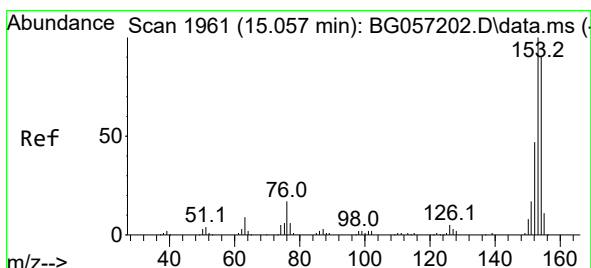
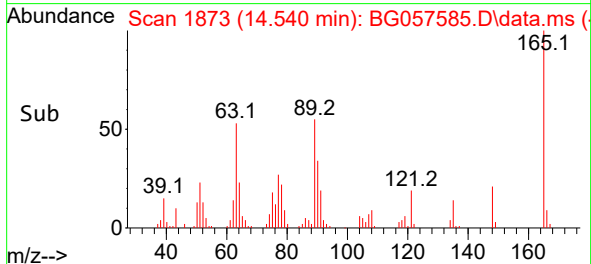
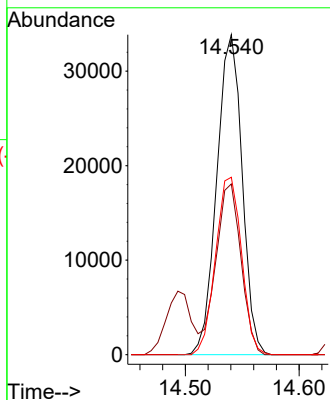
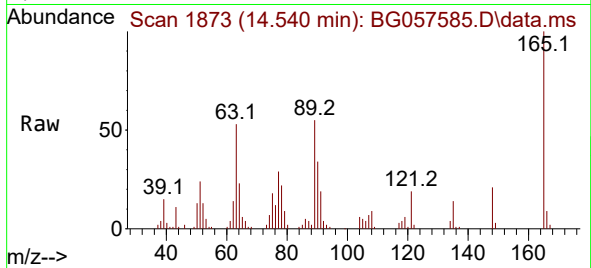
#51
2,6-Dinitrotoluene
Concen: 50.960 ng
RT: 14.540 min Scan# 1876
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion:165 Resp: 52420
Ion Ratio Lower Upper
165 100
63 53.4 50.9 76.3
89 55.4 55.2 82.8

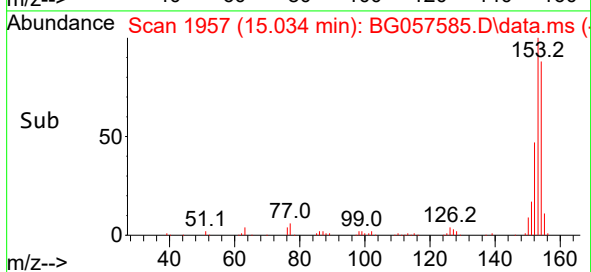
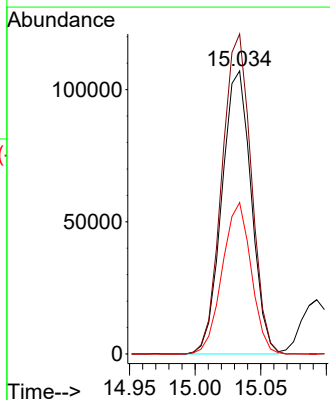
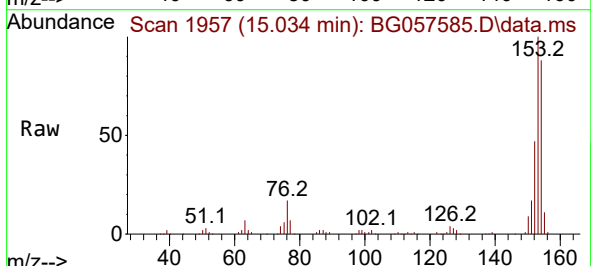
Manual Integrations
APPROVED

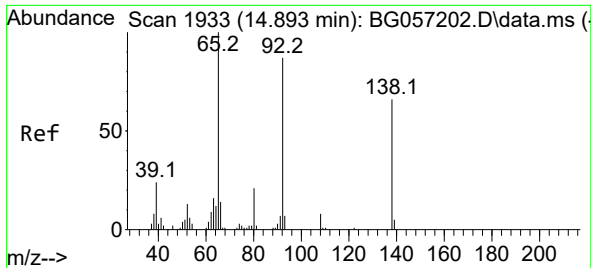
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#52
Acenaphthene
Concen: 48.643 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:154 Resp: 167059
Ion Ratio Lower Upper
154 100
153 113.0 89.3 133.9
152 53.5 41.7 62.5





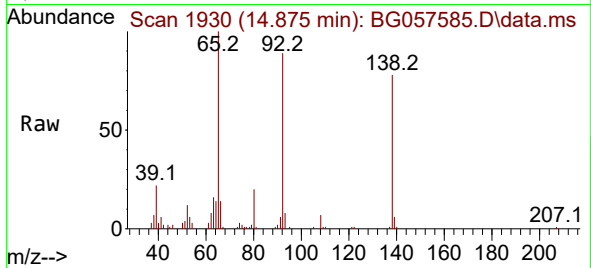
#53
3-Nitroaniline
Concen: 30.340 ng
RT: 14.875 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

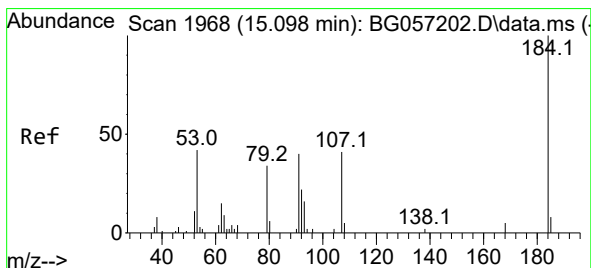
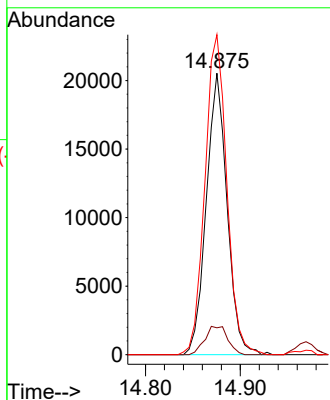
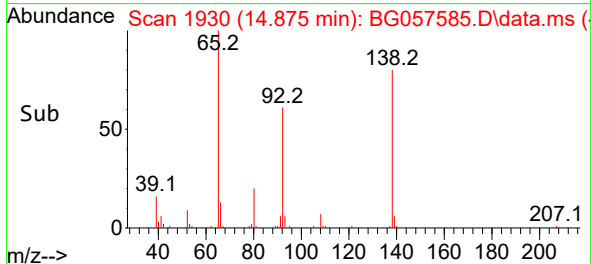


Tgt Ion:138 Resp: 31260
Ion Ratio Lower Upper
138 100
108 9.6 9.5 14.3
92 113.7 106.2 159.4

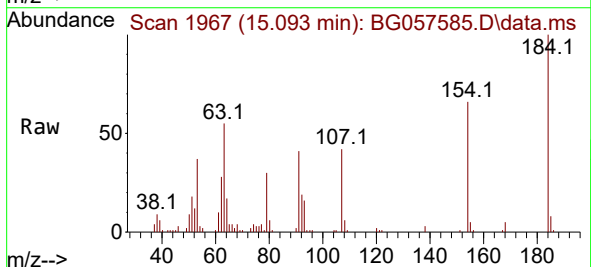
Manual Integrations

APPROVED

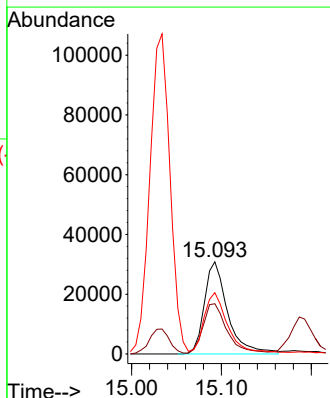
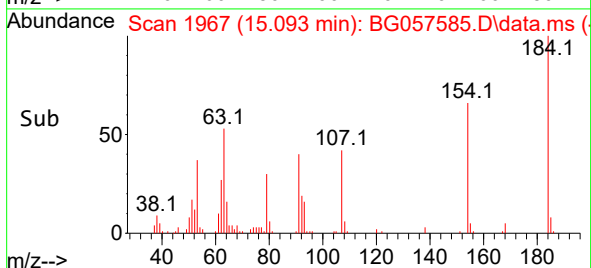
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

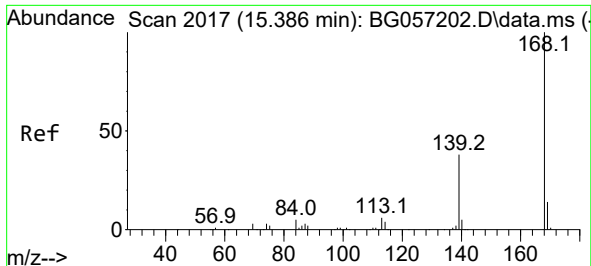


#54
2,4-Dinitrophenol
Concen: 86.840 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



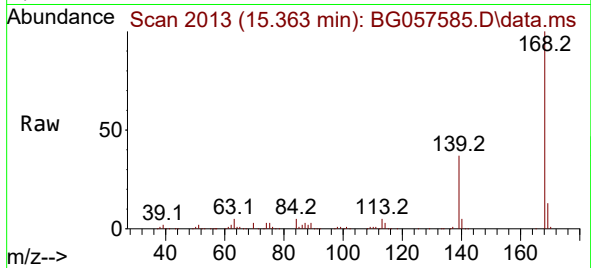
Tgt Ion:184 Resp: 55605
Ion Ratio Lower Upper
184 100
63 54.6 48.2 72.4
154 66.5 55.4 83.2





#55
Dibenzenofuran
Concen: 47.998 ng
RT: 15.363 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

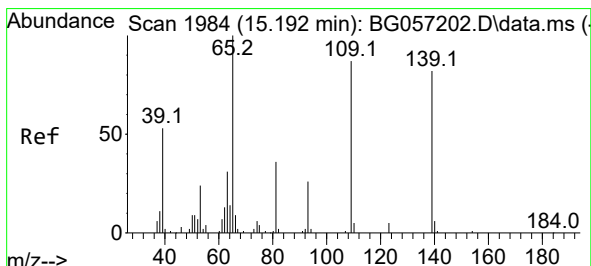
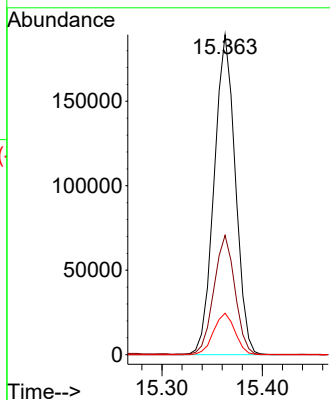
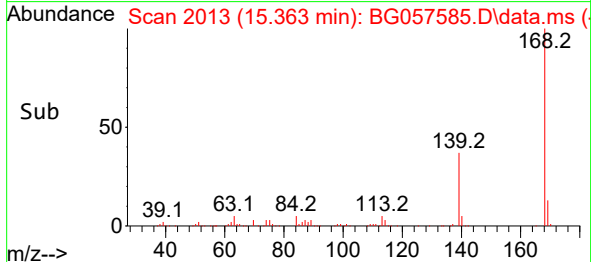
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



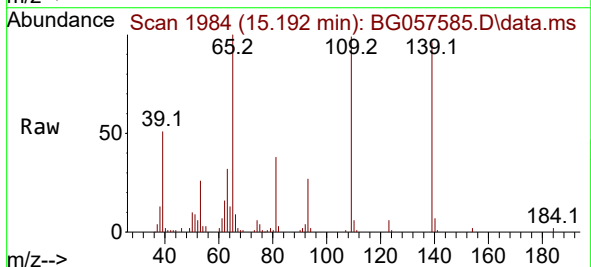
Tgt Ion:168 Resp: 276968
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1
169 12.9 10.9 16.3

Manual Integrations
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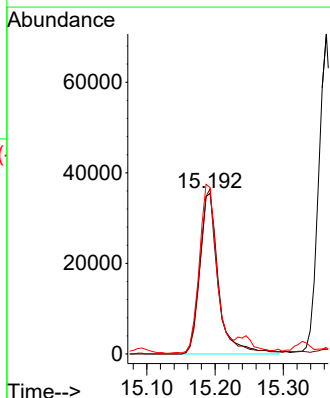
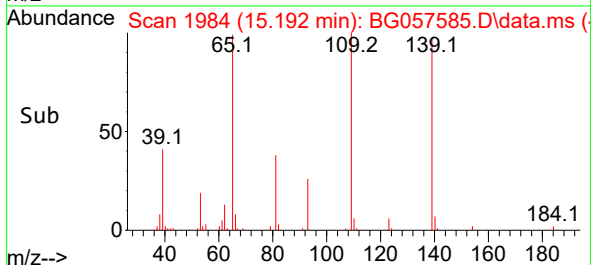
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

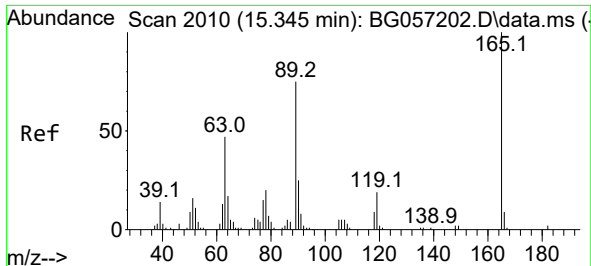


#56
4-Nitrophenol
Concen: 98.994 ng
RT: 15.192 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:139 Resp: 67850
Ion Ratio Lower Upper
139 100
109 102.8 86.6 126.6
65 103.6 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 51.609 ng
RT: 15.328 min Scan# 2007
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

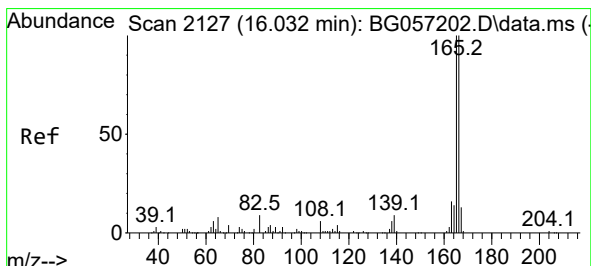
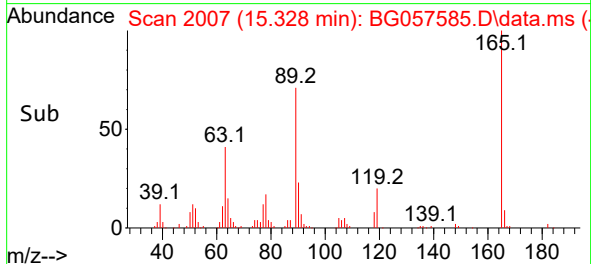
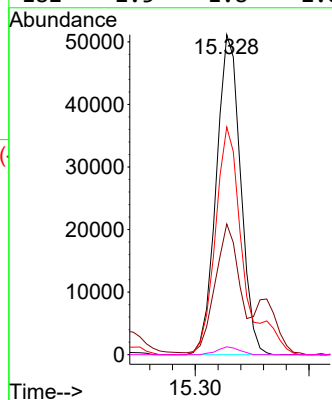
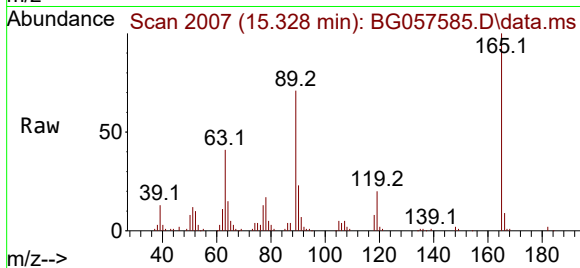
TP-70AMSD

Tgt Ion:165 Resp: 7587
Ion Ratio Lower Upper
165 100
63 40.9 37.5 56.3
89 71.1 60.2 90.4
182 2.5 1.8 2.8

Manual Integrations

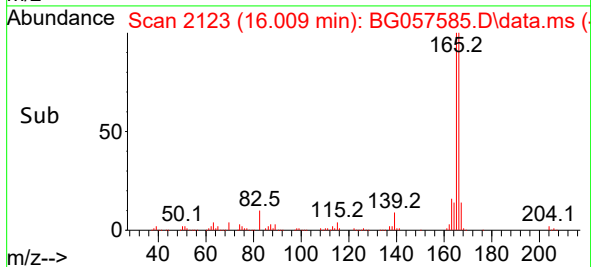
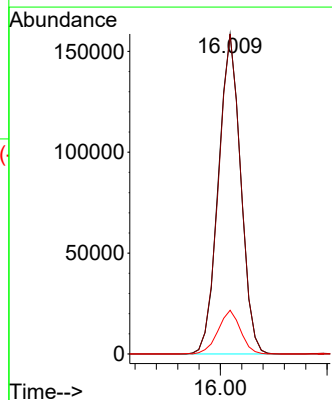
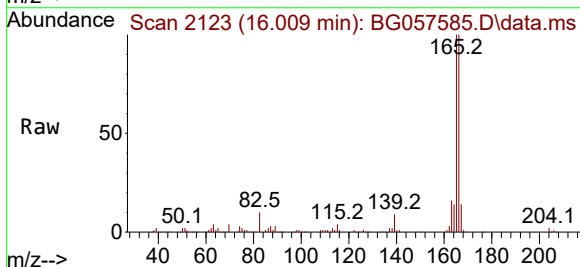
APPROVED

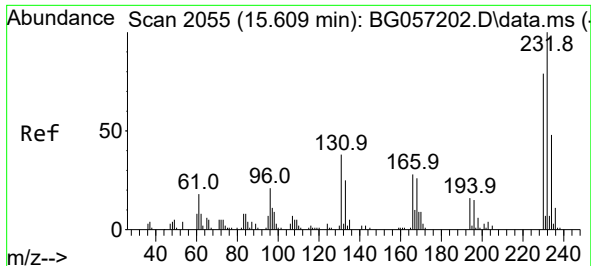
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#58
Fluorene
Concen: 48.242 ng
RT: 16.009 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

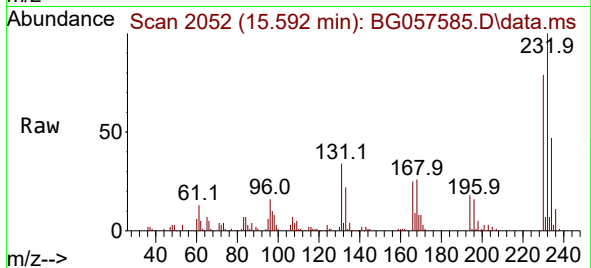
Tgt Ion:166 Resp: 229300
Ion Ratio Lower Upper
166 100
165 100.1 80.1 120.1
167 13.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.457 ng
RT: 15.592 min Scan# 2052
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

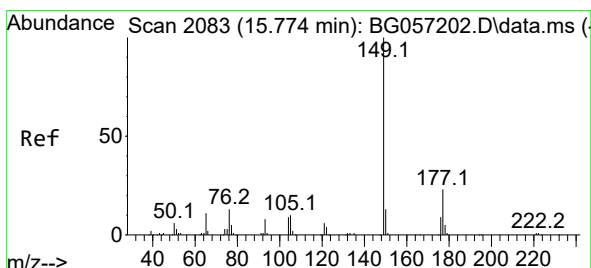
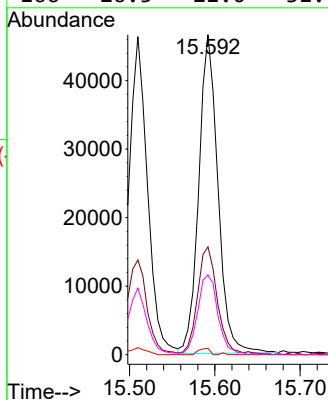
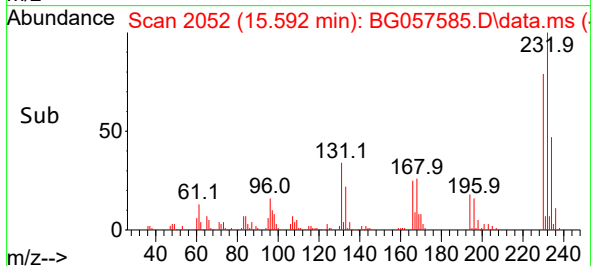
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:232 Resp: 72760
Ion Ratio Lower Upper
232 100
131 35.5 28.6 42.8
130 1.2 1.6 2.4
166 26.5 21.0 31.6

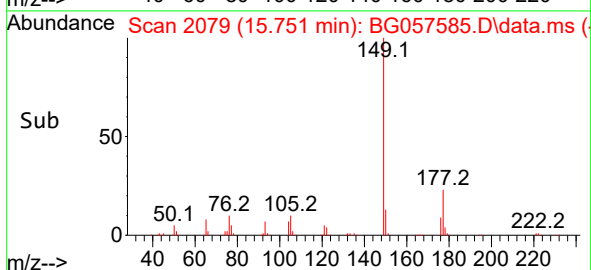
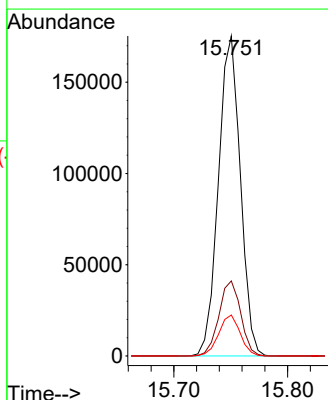
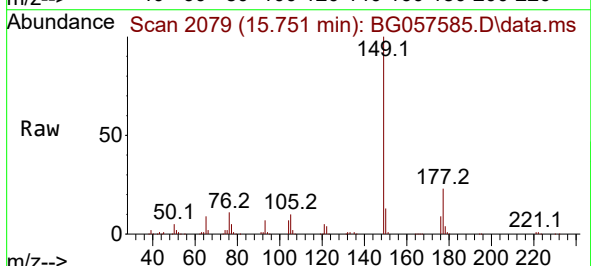
Manual Integrations
APPROVED

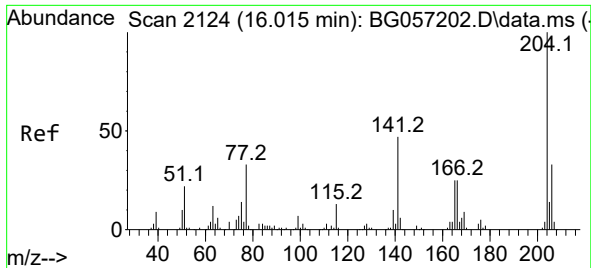
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#60
Diethylphthalate
Concen: 45.957 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:149 Resp: 235133
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.156 ng
RT: 15.986 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

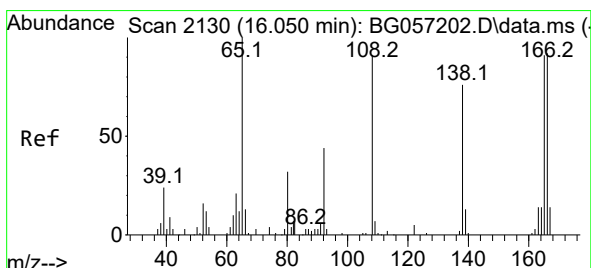
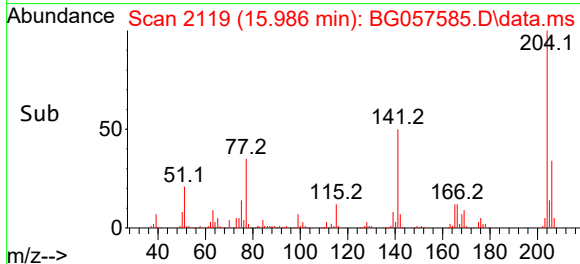
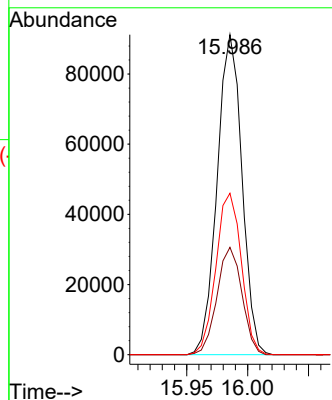
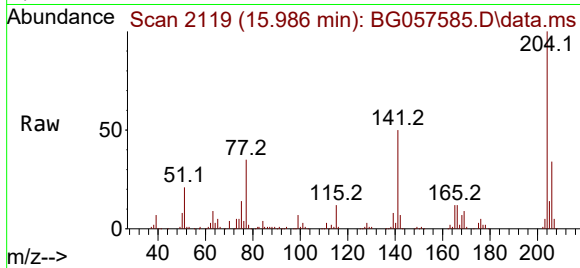
TP-70AMSD

Tgt Ion:204 Resp: 129300
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 50.5 37.4 56.0

Manual Integrations

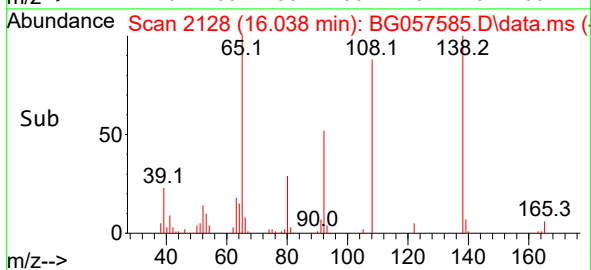
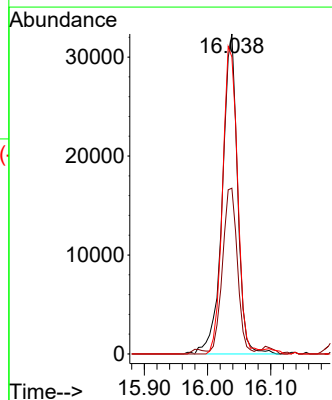
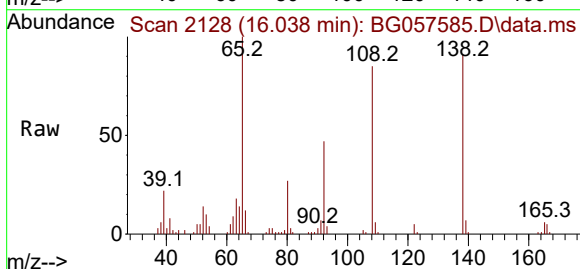
APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#62
4-Nitroaniline
Concen: 52.196 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:138 Resp: 54264
Ion Ratio Lower Upper
138 100
92 51.8 38.2 78.2
108 92.8 99.6 139.6#





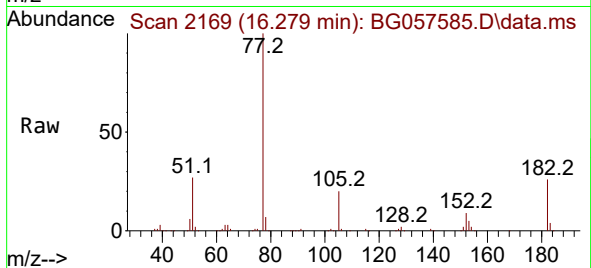
#63
Azobenzene
Concen: 43.669 ng
RT: 16.279 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

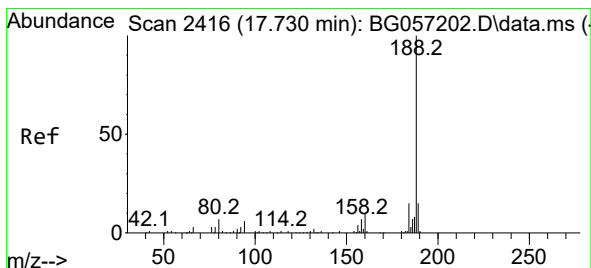
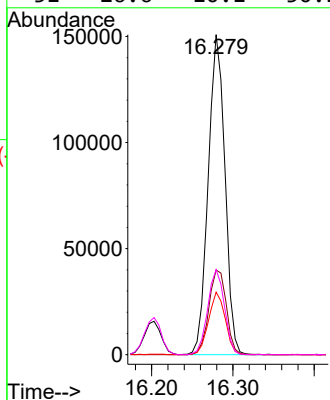
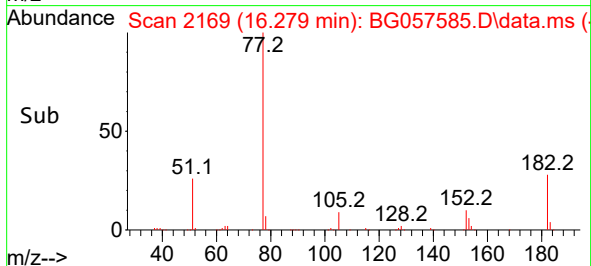


Tgt Ion: 77 Resp: 21557
Ion Ratio Lower Upper
77 100
182 26.5 7.4 47.4
105 19.6 0.0 37.2
51 26.6 10.1 50.1

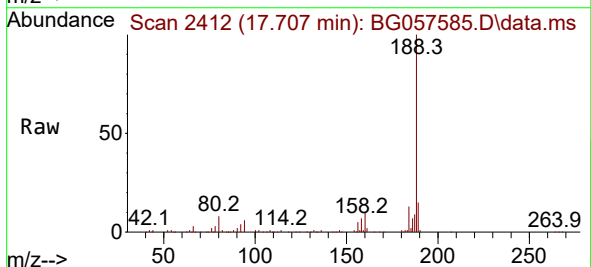
Manual Integrations

APPROVED

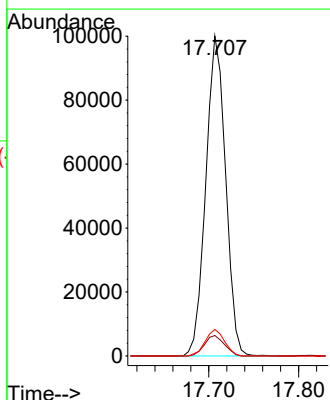
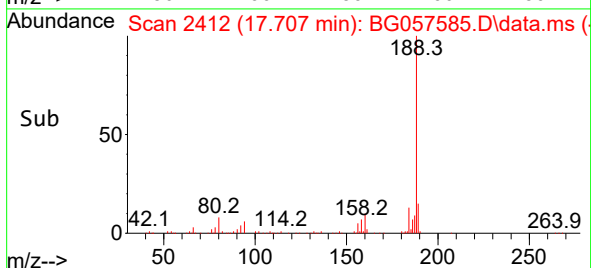
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

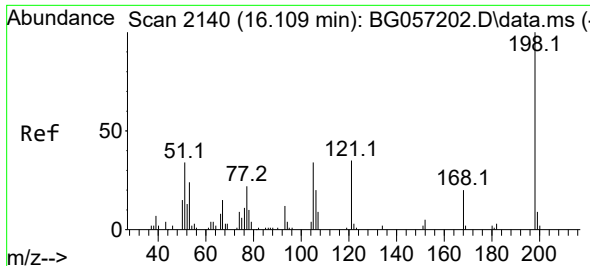


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2412
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:188 Resp: 153178
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 8.3 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 54.062 ng
RT: 16.097 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

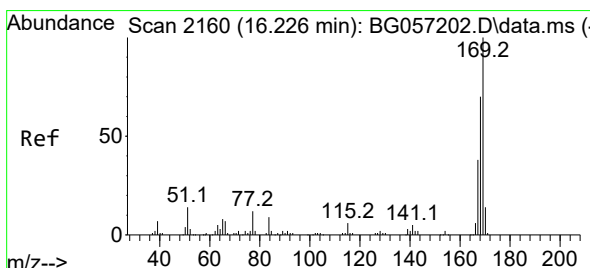
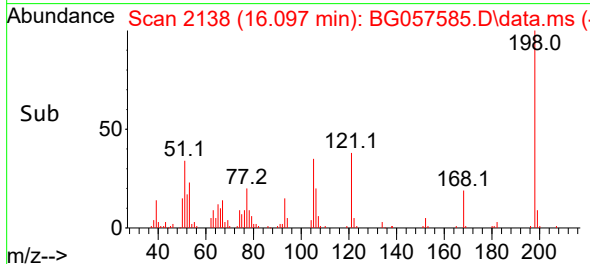
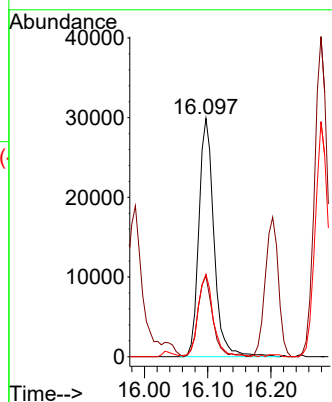
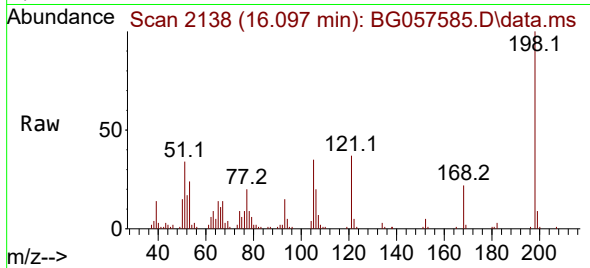
TP-70AMSD

Tgt Ion:198 Resp: 4944
Ion Ratio Lower Upper
198 100
51 33.9 16.1 56.1
105 34.6 14.0 54.0

Manual Integrations

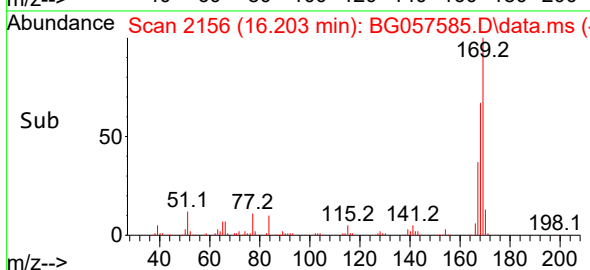
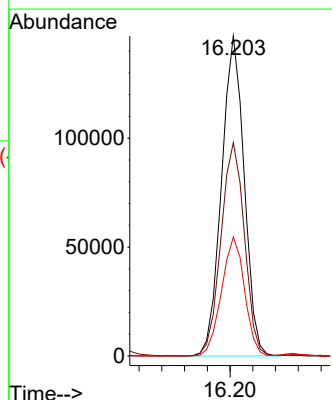
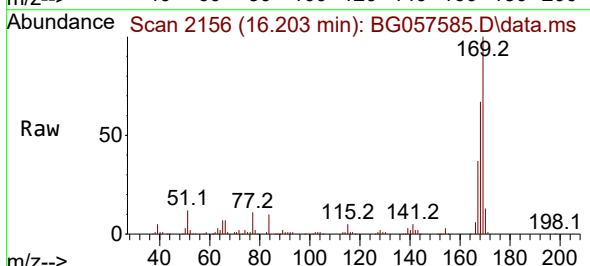
APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#66
n-Nitrosodiphenylamine
Concen: 48.777 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

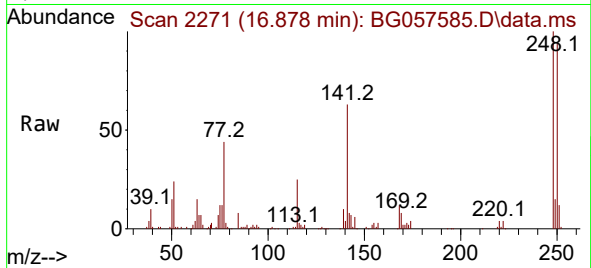
Tgt Ion:169 Resp: 202929
Ion Ratio Lower Upper
169 100
168 66.6 56.2 84.4
167 37.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 47.634 ng
RT: 16.878 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

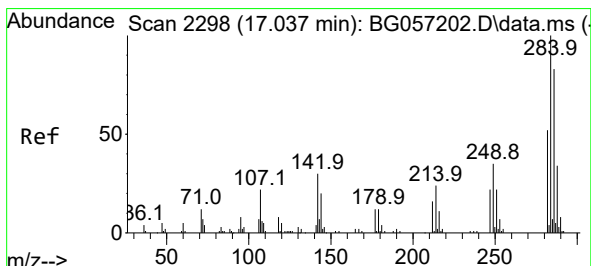
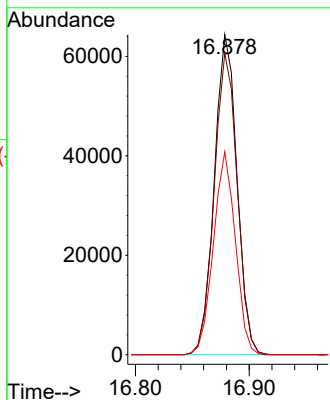
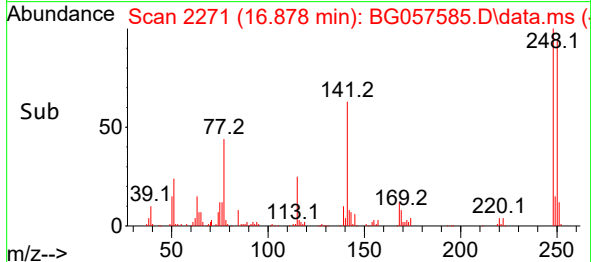
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



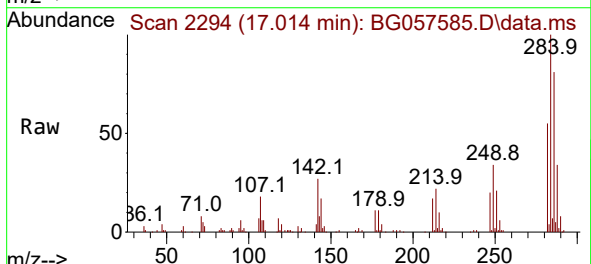
Tgt Ion:248 Resp: 89072
Ion Ratio Lower Upper
248 100
250 94.1 77.0 115.6
141 63.4 48.6 72.8

Manual Integrations
APPROVED

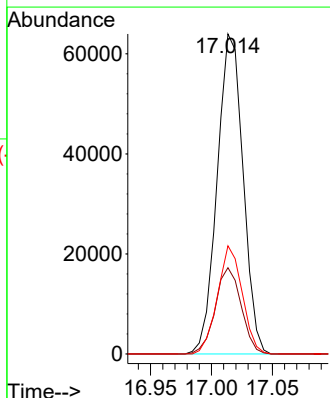
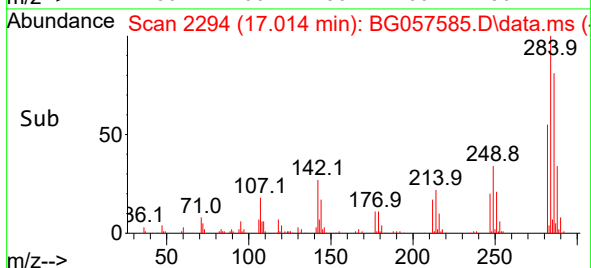
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

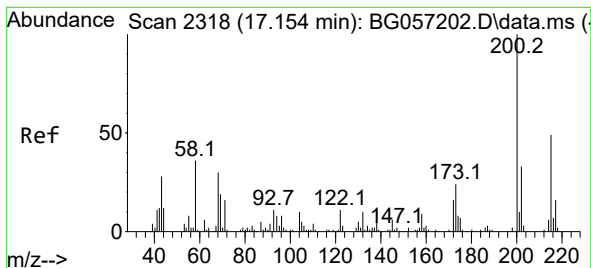


#68
Hexachlorobenzene
Concen: 52.087 ng
RT: 17.014 min Scan# 2294
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:284 Resp: 94650
Ion Ratio Lower Upper
284 100
142 27.0 23.9 35.9
249 33.8 27.7 41.5





#69

Atrazine

Concen: 59.684 ng

RT: 17.137 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

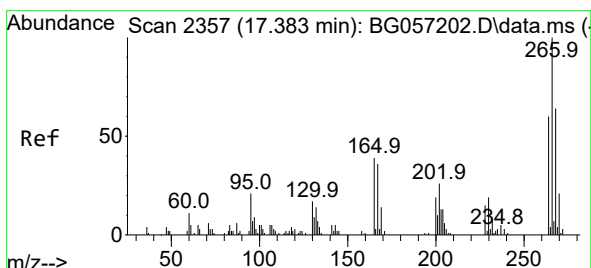
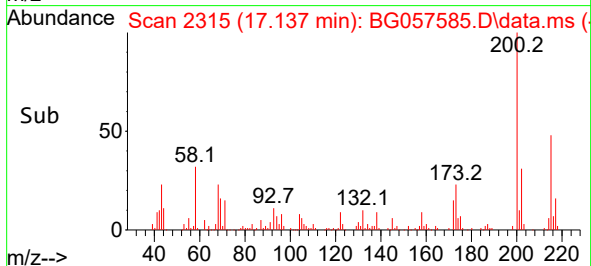
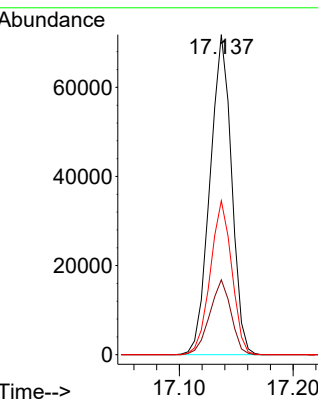
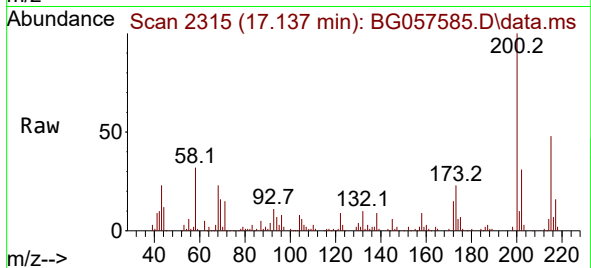
TP-70AMSD

Tgt Ion:200 Resp: 94720
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.3 44.3
 215 48.1 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#70

Pentachlorophenol

Concen: 88.032 ng

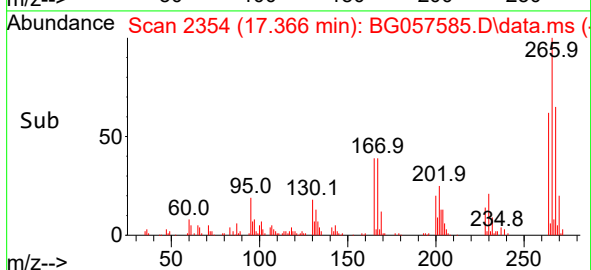
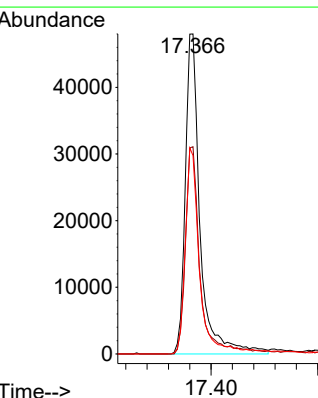
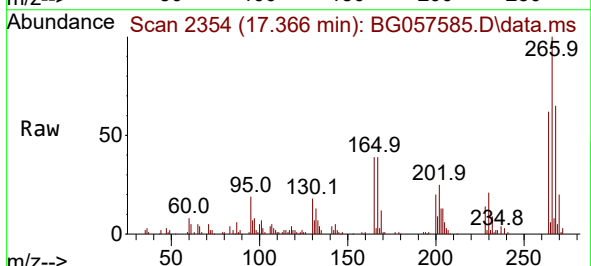
RT: 17.366 min Scan# 2354

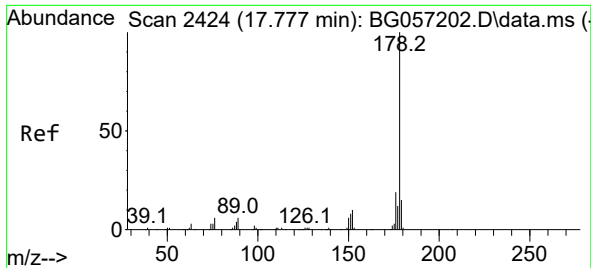
Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Tgt Ion:266 Resp: 92191
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.6
 264 62.0 47.8 71.6





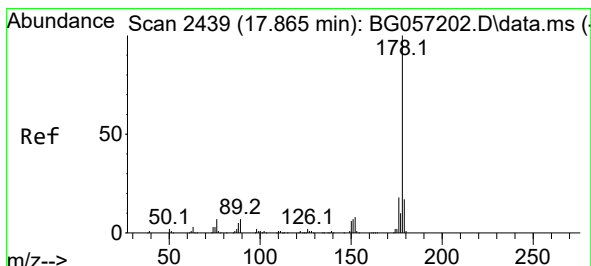
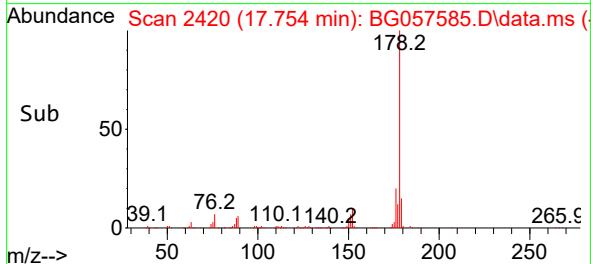
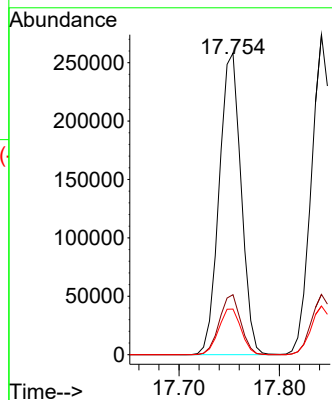
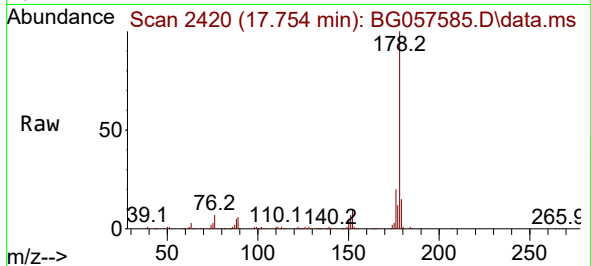
#71
Phenanthrene
Concen: 49.859 ng
RT: 17.754 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Tgt Ion:178 Resp: 39135
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.1 12.3 18.5

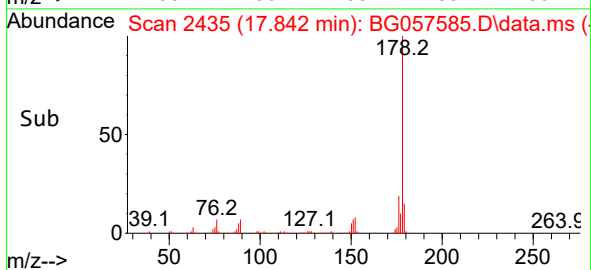
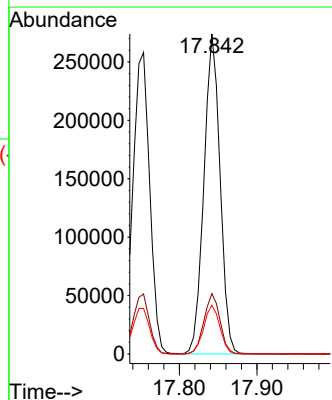
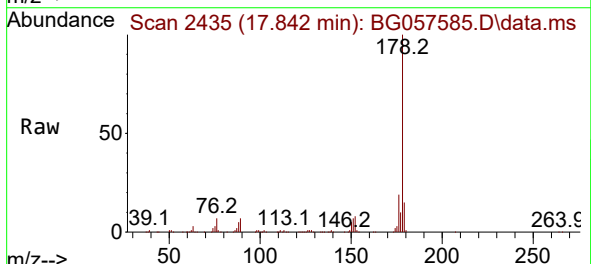
Manual Integrations
APPROVED

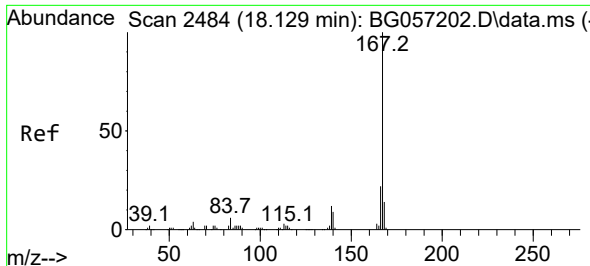
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#72
Anthracene
Concen: 49.240 ng
RT: 17.842 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

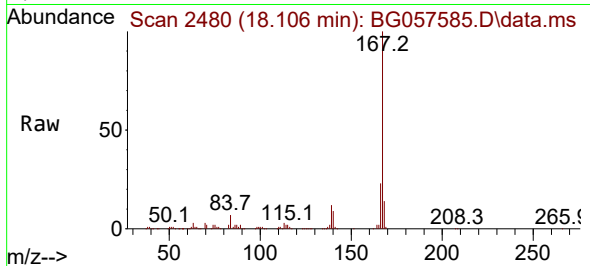
Tgt Ion:178 Resp: 396573
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.2 13.2 19.8





#73
 Carbazole
 Concen: 53.385 ng
 RT: 18.106 min Scan# 2484
 Delta R.T. -0.008 min
 Lab File: BG057585.D
 Acq: 26 May 2023 14:38

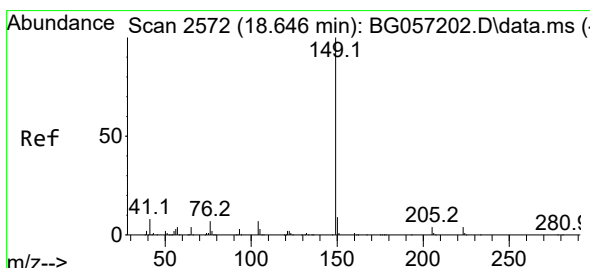
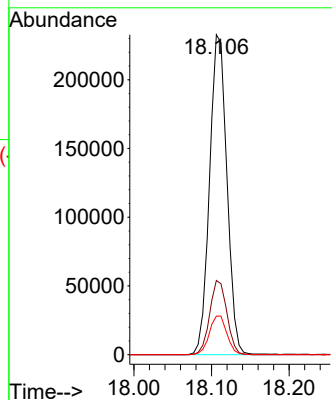
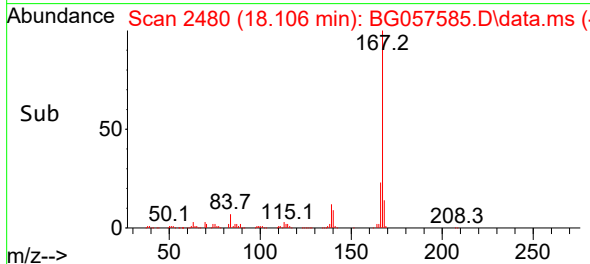
Instrument :
 BNA_G
 ClientSampleId :
 TP-70AMSD



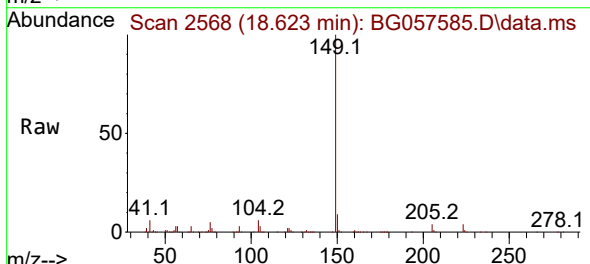
Tgt Ion:167 Resp: 36196
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.0
 139 12.1 9.6 14.4

Manual Integrations
 APPROVED

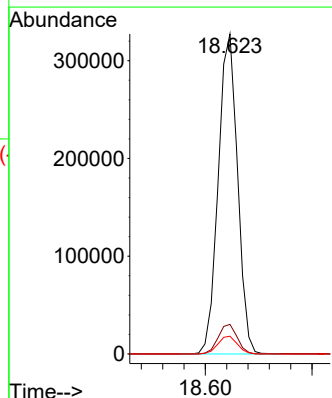
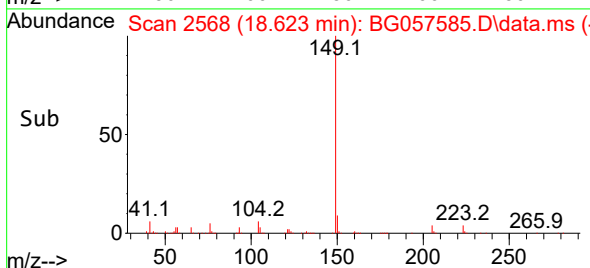
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

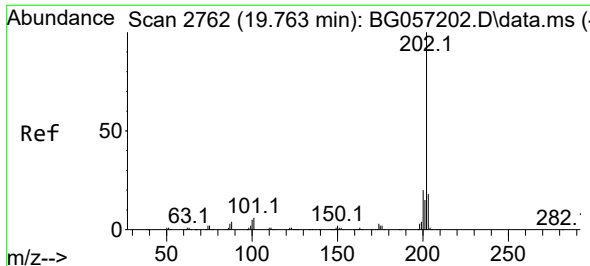


#74
 Di-n-butylphthalate
 Concen: 52.681 ng
 RT: 18.623 min Scan# 2568
 Delta R.T. -0.002 min
 Lab File: BG057585.D
 Acq: 26 May 2023 14:38



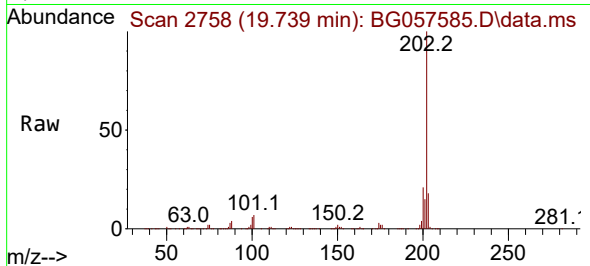
Tgt Ion:149 Resp: 410969
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.6 5.4 8.2





#75
Fluoranthene
Concen: 49.433 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

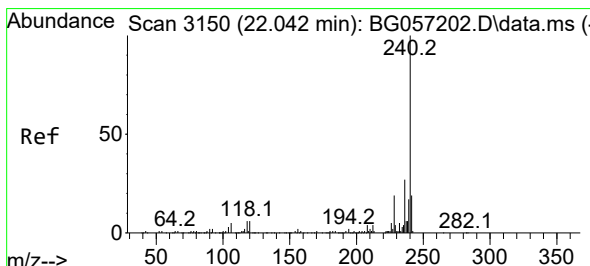
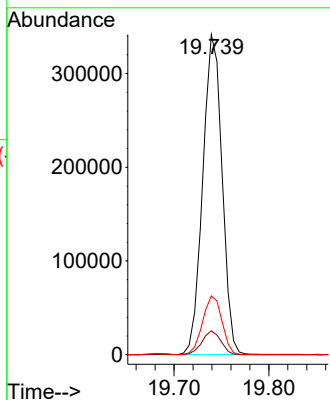
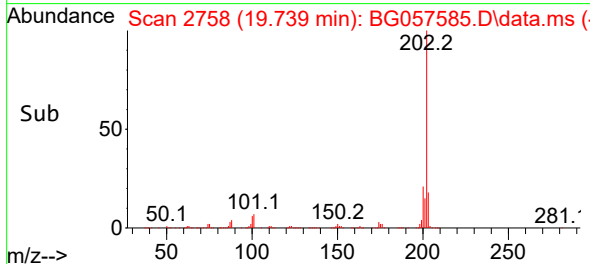
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:202 Resp: 48258
Ion Ratio Lower Upper
202 100
101 7.4 0.0 26.2
203 18.4 0.0 37.9

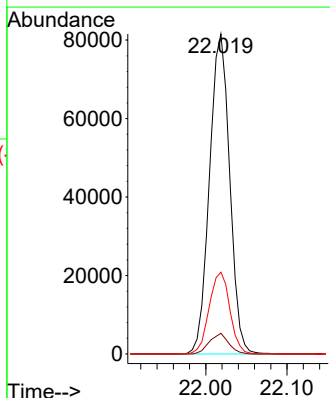
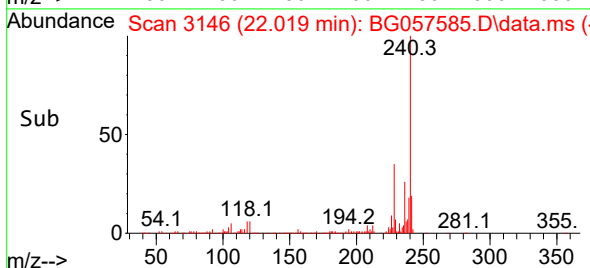
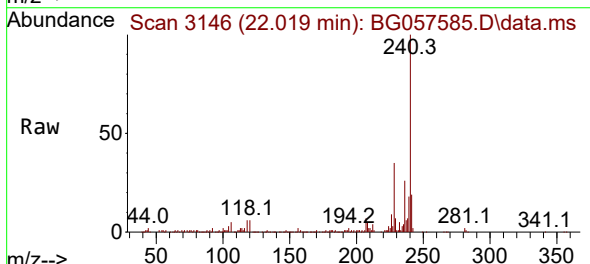
Manual Integrations
APPROVED

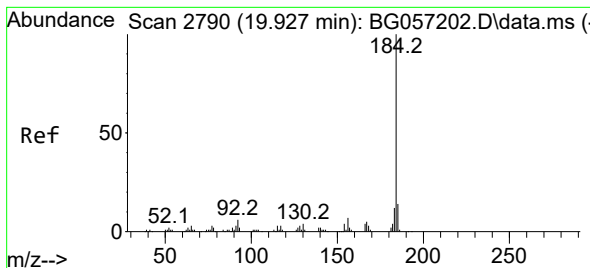
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:240 Resp: 140730
Ion Ratio Lower Upper
240 100
120 6.5 4.9 7.3
236 25.6 21.4 32.2





#77

Benzidine

Concen: 32.643 ng

RT: 19.910 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion:184 Resp: 102702

Ion Ratio Lower Upper

184 100

185 13.3 11.1 16.7

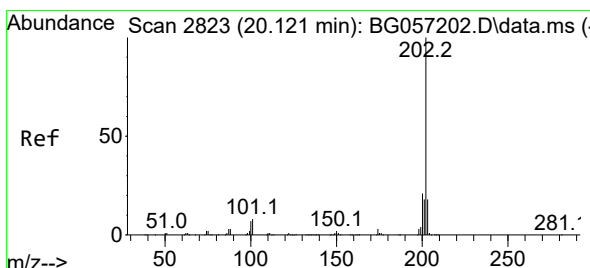
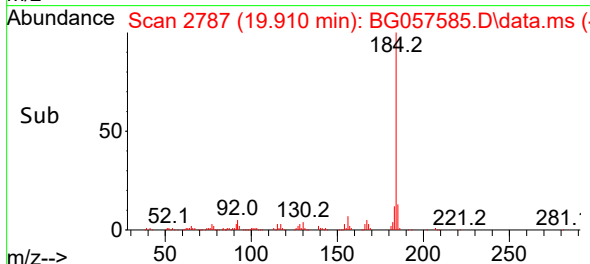
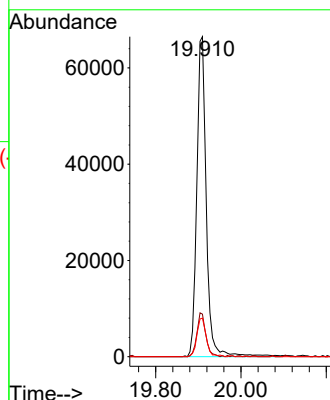
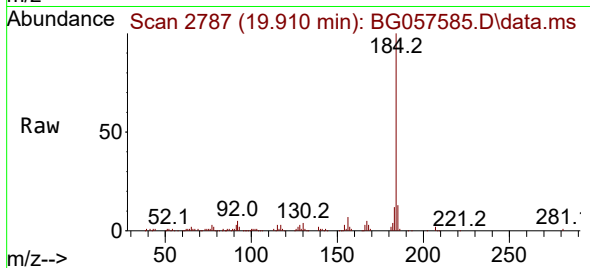
183 12.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#78

Pyrene

Concen: 48.239 ng

RT: 20.104 min Scan# 2820

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

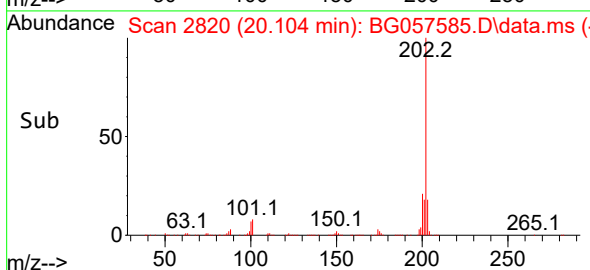
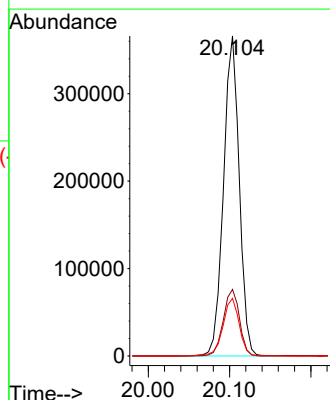
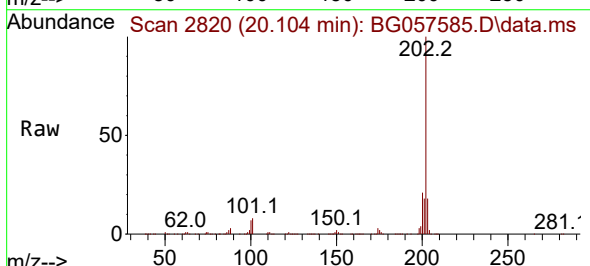
Tgt Ion:202 Resp: 493308

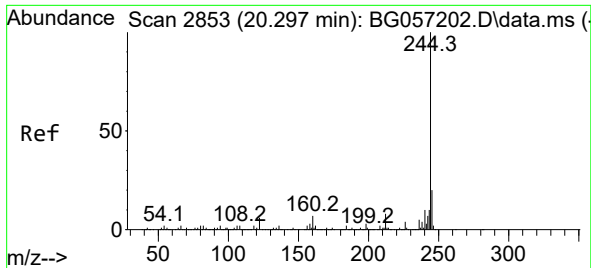
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 90.087 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057585.D
 Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

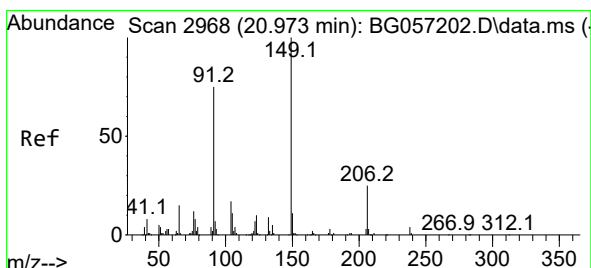
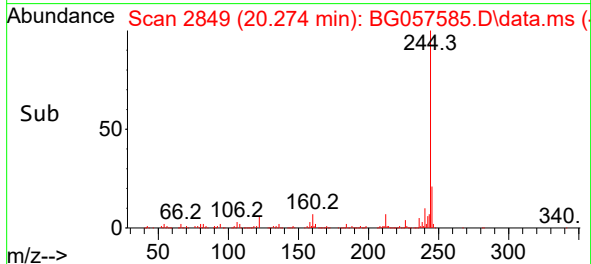
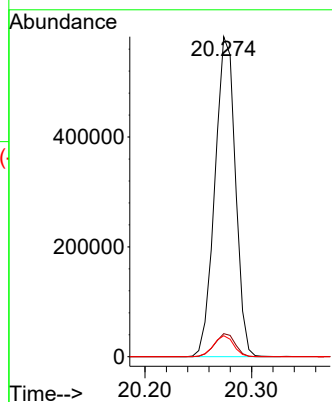
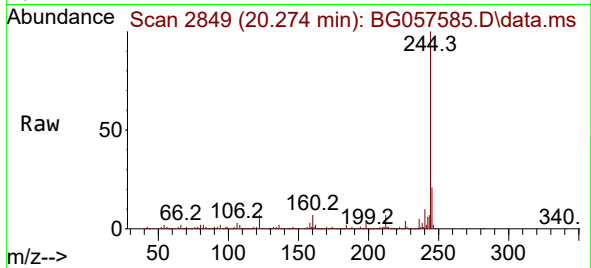
TP-70AMSD

Tgt Ion:244 Resp: 776874
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.1 7.7

Manual Integrations

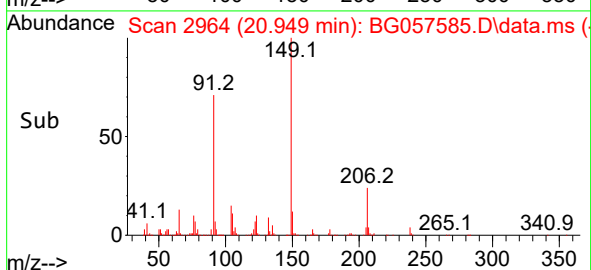
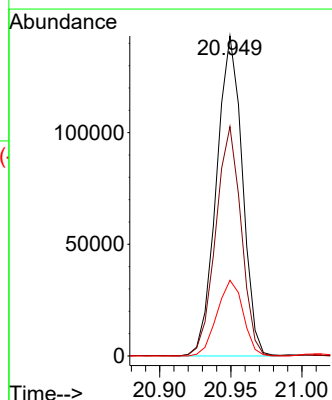
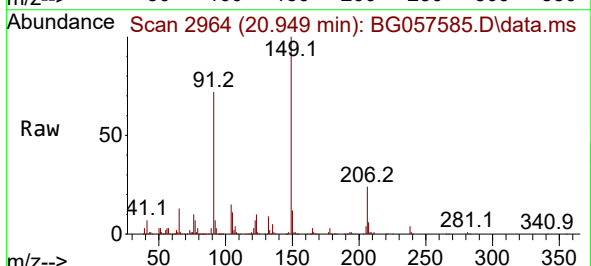
APPROVED

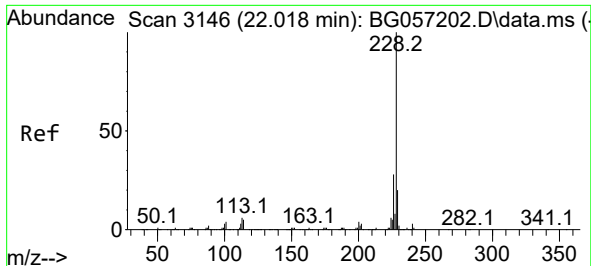
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#80
 Butylbenzylphthalate
 Concen: 55.881 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. -0.002 min
 Lab File: BG057585.D
 Acq: 26 May 2023 14:38

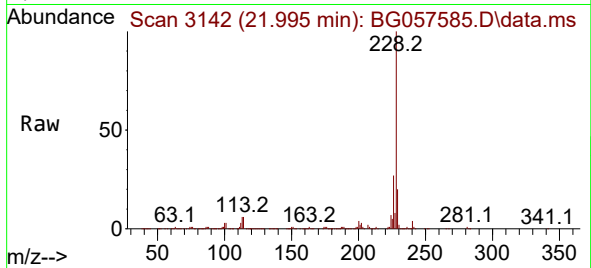
Tgt Ion:149 Resp: 181320
 Ion Ratio Lower Upper
 149 100
 91 71.6 59.7 89.5
 206 23.6 19.7 29.5





#81
Benzo(a)anthracene
Concen: 48.765 ng
RT: 21.995 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

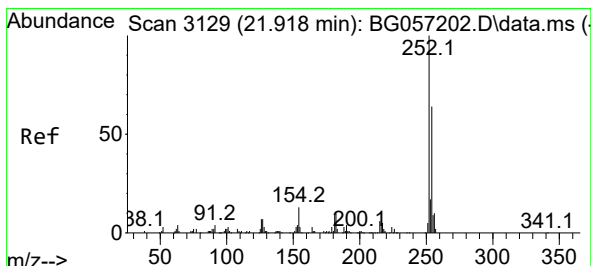
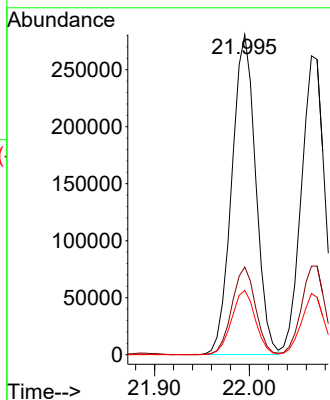
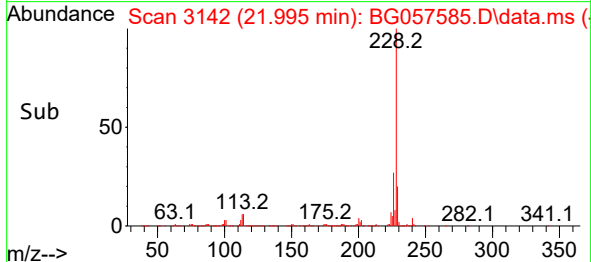
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



Tgt Ion:228 Resp: 488948
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 20.1 15.8 23.8

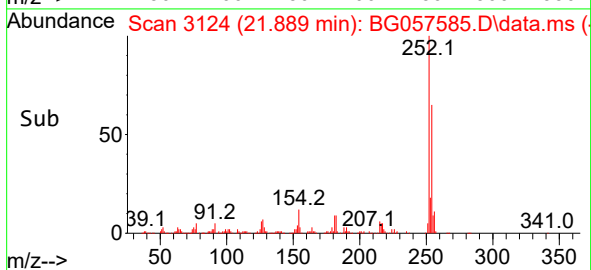
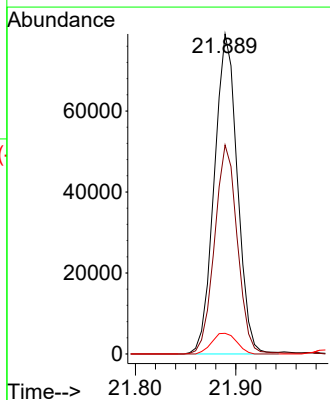
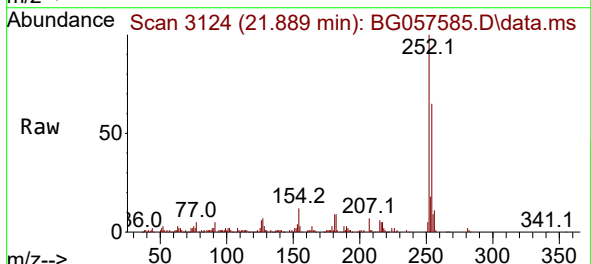
Manual Integrations
APPROVED

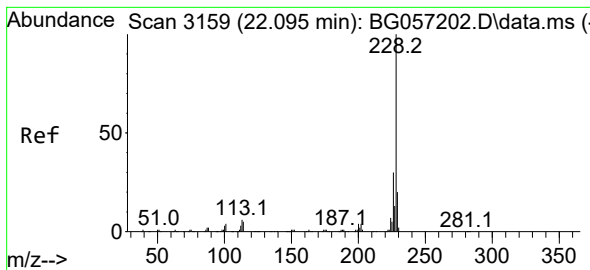
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.246 ng
RT: 21.889 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

Tgt Ion:252 Resp: 126040
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.0
126 6.4 5.9 8.9





#83

Chrysene

Concen: 47.208 ng

RT: 22.066 min Scan# 3114

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

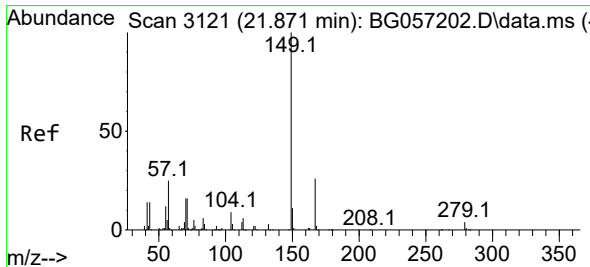
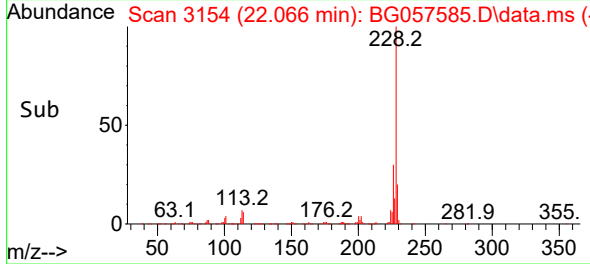
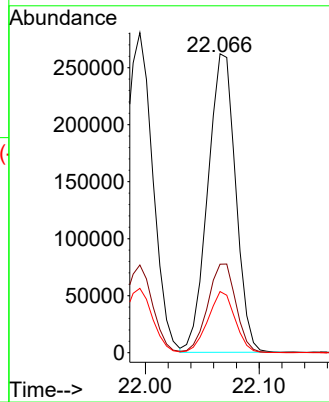
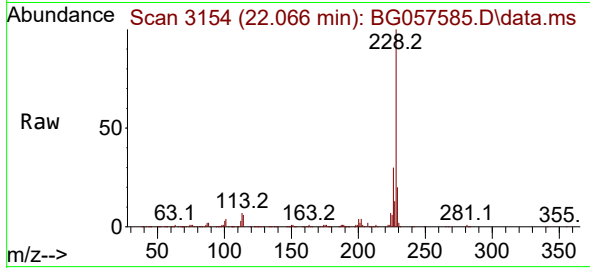
TP-70AMSD

Tgt Ion:228 Resp: 445354
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.786 ng

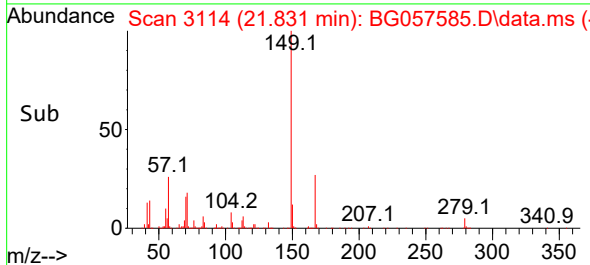
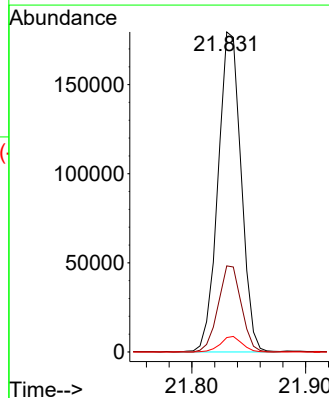
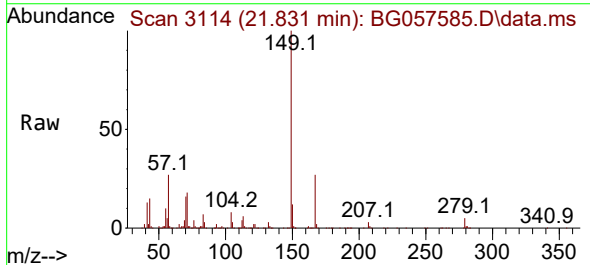
RT: 21.831 min Scan# 3114

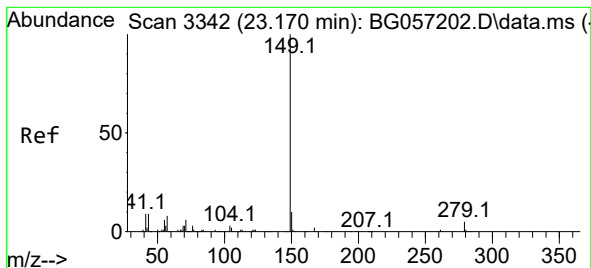
Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Tgt Ion:149 Resp: 253412
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.2 31.8
 279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.926 ng

RT: 23.123 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion:149 Resp: 42359

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

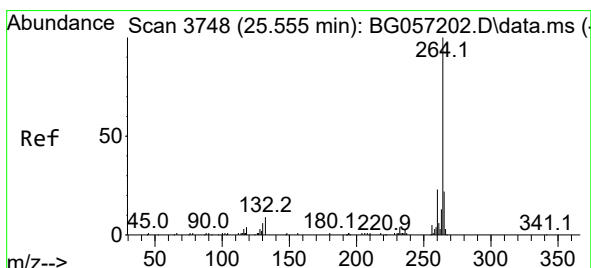
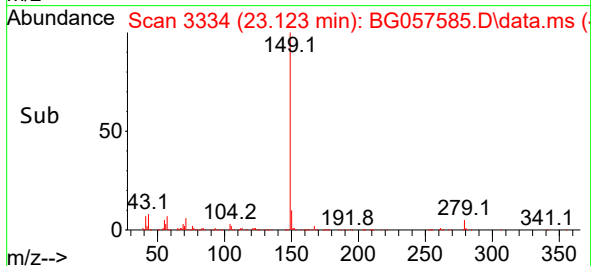
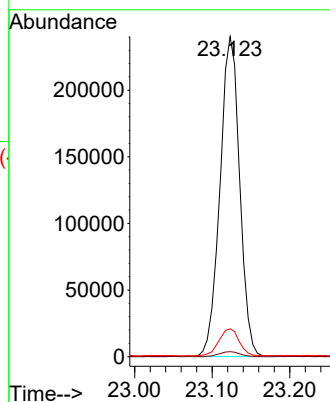
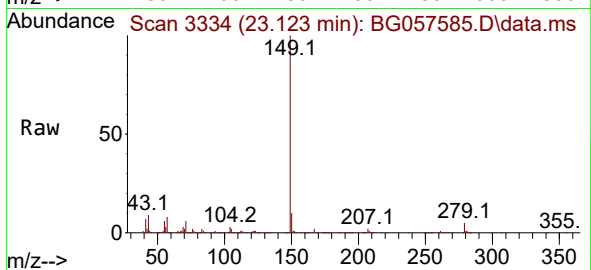
43 8.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.514 min Scan# 3741

Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

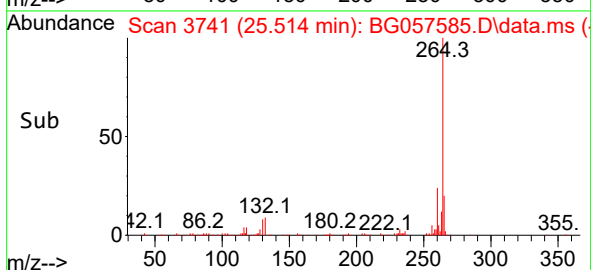
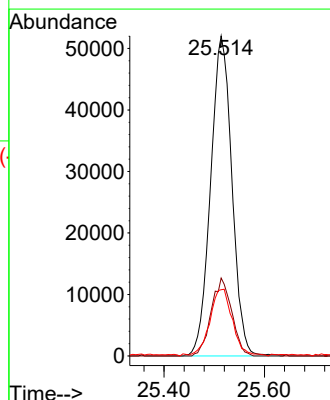
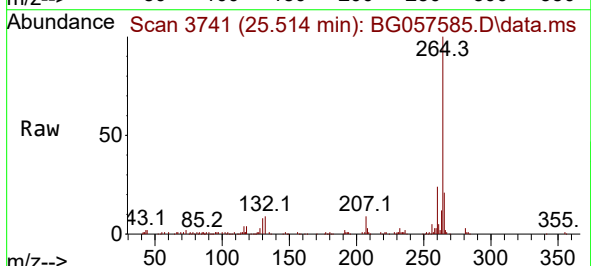
Tgt Ion:264 Resp: 153375

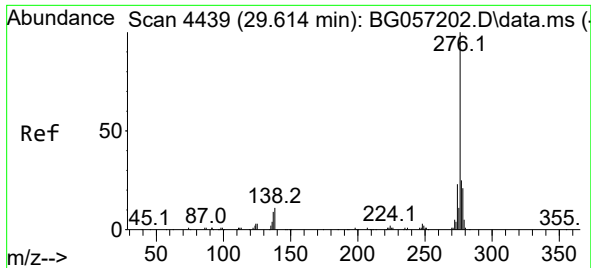
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

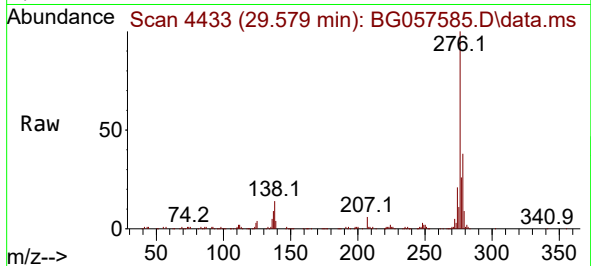
265 20.7 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.565 ng
RT: 29.579 min Scan# 4439
Delta R.T. -0.002 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38

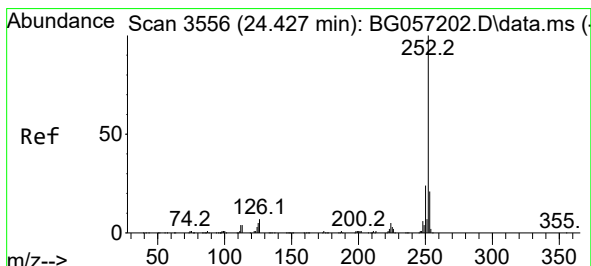
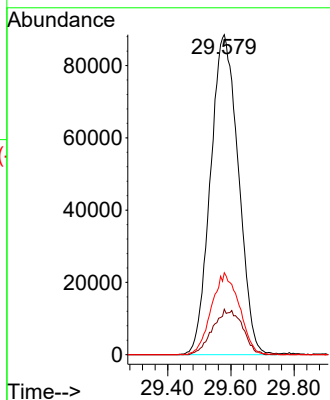
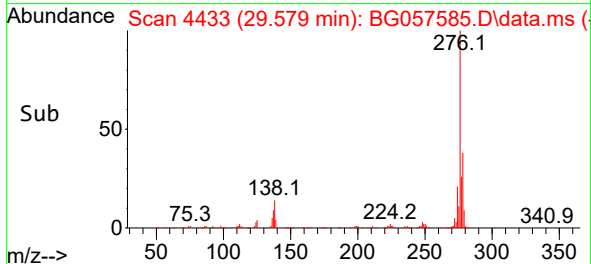
Instrument :
BNA_G
ClientSampleId :
TP-70AMSD



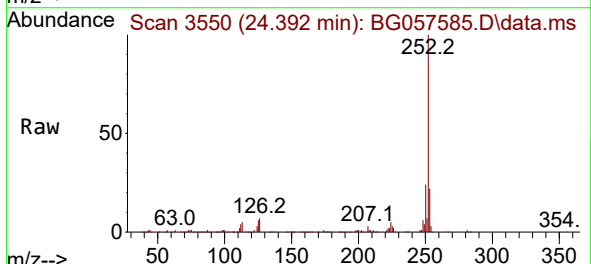
Tgt Ion:276 Resp: 542862
Ion Ratio Lower Upper
276 100
138 8.0 5.4 8.0
277 25.5 20.6 30.8

Manual Integrations
APPROVED

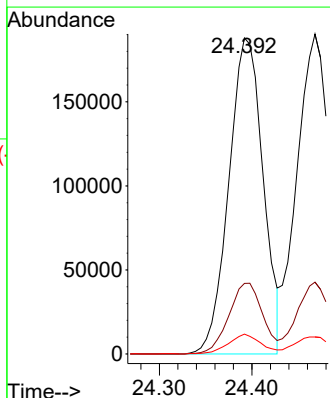
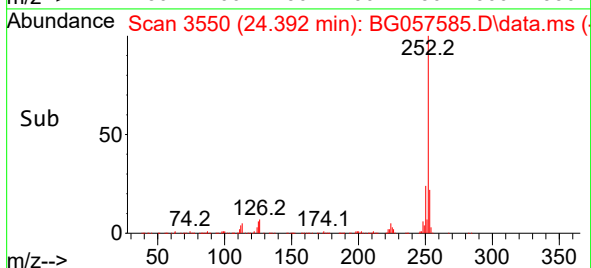
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

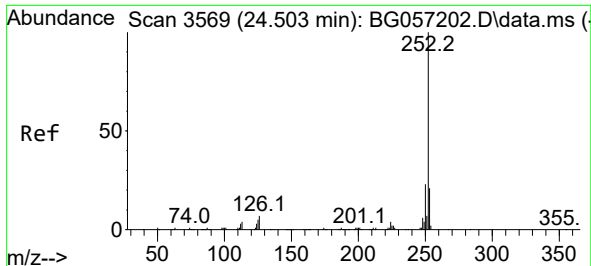


#88
Benzo(b)fluoranthene
Concen: 48.252 ng m
RT: 24.392 min Scan# 3550
Delta R.T. -0.008 min
Lab File: BG057585.D
Acq: 26 May 2023 14:38



Tgt Ion:252 Resp: 483780
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 6.3 4.2 6.2#





#89

Benzo(k)fluoranthene

Concen: 47.186 ng

RT: 24.468 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion:252 Resp: 48074

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

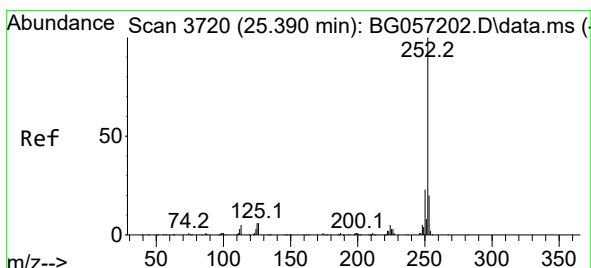
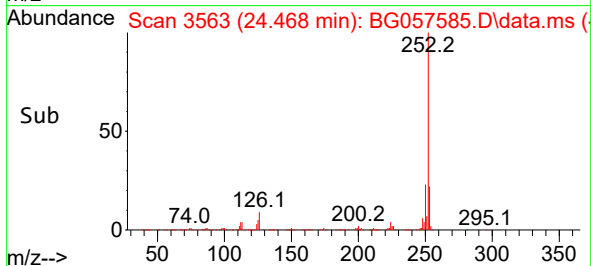
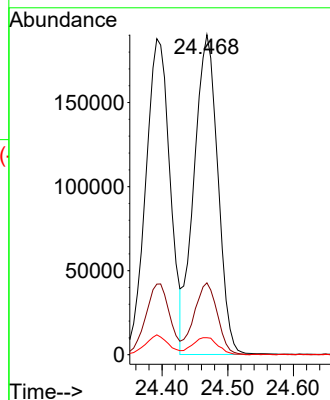
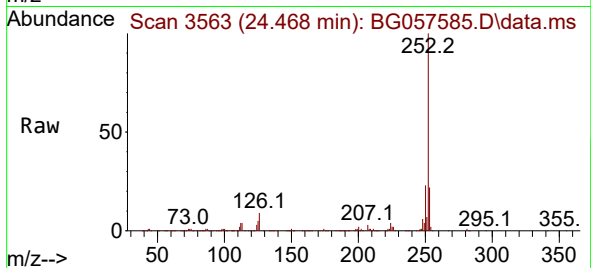
125 5.3 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#90

Benzo(a)pyrene

Concen: 43.924 ng

RT: 25.349 min Scan# 3713

Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

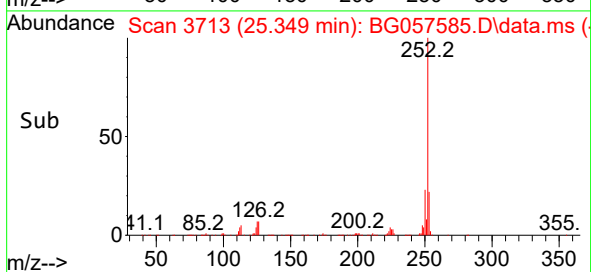
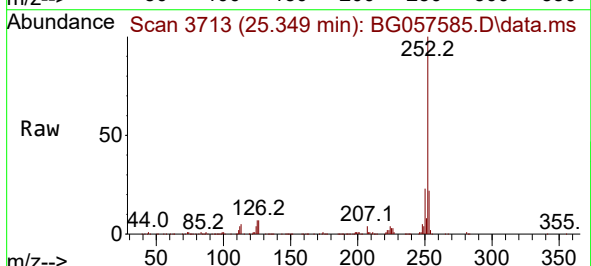
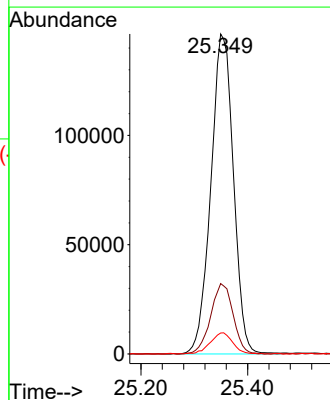
Tgt Ion:252 Resp: 430236

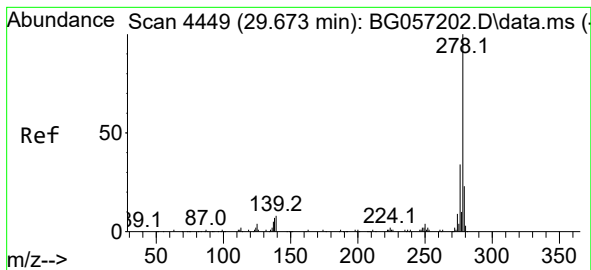
Ion Ratio Lower Upper

252 100

253 22.0 16.3 24.5

125 6.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 48.534 ng

RT: 29.626 min Scan# 4441

Delta R.T. -0.008 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Instrument :

BNA_G

ClientSampleId :

TP-70AMSD

Tgt Ion:278 Resp: 451808

Ion Ratio Lower Upper

278 100

139 9.2 6.2 9.2

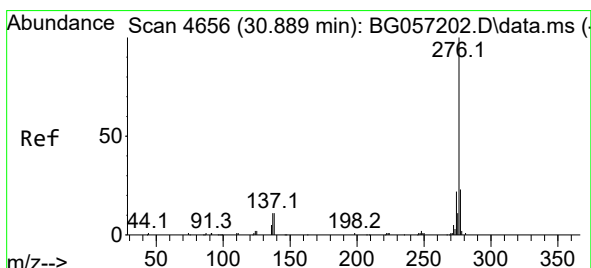
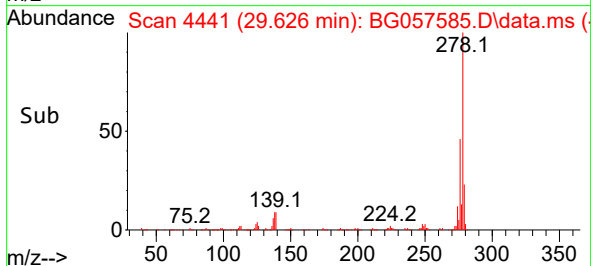
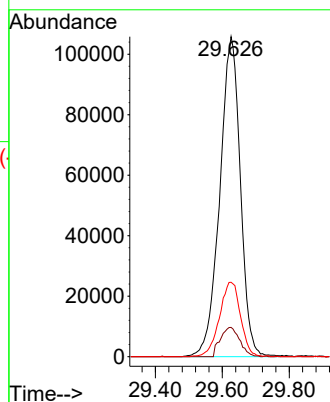
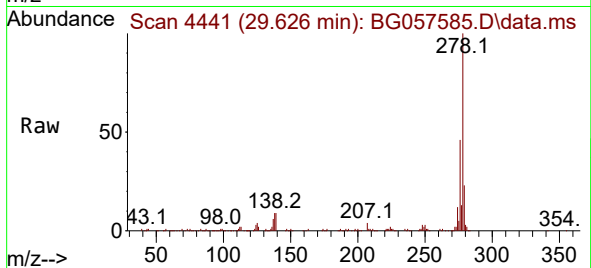
279 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#92

Benzo(g,h,i)perylene

Concen: 48.617 ng

RT: 30.860 min Scan# 4651

Delta R.T. 0.003 min

Lab File: BG057585.D

Acq: 26 May 2023 14:38

Tgt Ion:276 Resp: 441908

Ion Ratio Lower Upper

276 100

277 21.4 18.4 27.6

138 12.4 9.0 13.4

