

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057499.D
 Acq On : 22 May 2023 18:40
 Operator : CG/JU
 Sample : 02864-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

Manual Integrations

APPROVED

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

Quant Time: May 23 04:06:40 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat May 20 04:19:55 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	21440	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	77323	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	57718	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	141796	20.000	ng	0.00
76) Chrysene-d12	22.019	240	129652	20.000	ng	0.00
86) Perylene-d12	25.515	264	139609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	137520	109.722	ng	0.00
7) Phenol-d6	7.504	99	182077	95.666	ng	0.00
23) Nitrobenzene-d5	9.536	82	137431	74.597	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	104229	127.270	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	326022	76.074	ng	0.00
79) Terphenyl-d14	20.275	244	656006	82.571	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	16736	32.295	ng	# 50
3) Pyridine	4.120	79	38856	23.331	ng	94
4) n-Nitrosodimethylamine	4.014	42	25069	32.031	ng	94
6) Aniline	7.668	93	54337	22.505	ng	97
8) 2-Chlorophenol	7.915	128	51381	38.796	ng	100
9) Benzaldehyde	7.480	77	36788	35.696	ng	98
10) Phenol	7.527	94	61865	33.344	ng	97
11) bis(2-Chloroethyl)ether	7.756	93	50316	35.965	ng	98
12) 1,3-Dichlorobenzene	8.244	146	55276	37.816	ng	95
13) 1,4-Dichlorobenzene	8.391	146	57819	39.380	ng	92
14) 1,2-Dichlorobenzene	8.714	146	55403	39.088	ng	98
15) Benzyl Alcohol	8.591	79	56662	35.736	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.878	45	59703m	33.858	ng	
17) 2-Methylphenol	8.796	107	46737	34.945	ng	97
18) Hexachloroethane	9.454	117	20421	38.541	ng	97
19) n-Nitroso-di-n-propyla...	9.160	70	46322	31.918	ng	98
20) 3+4-Methylphenols	9.125	107	63088	34.450	ng	94
22) Acetophenone	9.184	105	86136	38.921	ng	95
24) Nitrobenzene	9.577	77	67358	36.224	ng	97
25) Isophorone	10.094	82	123462	34.560	ng	99
26) 2-Nitrophenol	10.294	139	30027	42.187	ng	91
27) 2,4-Dimethylphenol	10.341	122	52481	42.109	ng	93
28) bis(2-Chloroethoxy)met...	10.570	93	67183	37.539	ng	98
29) 2,4-Dichlorophenol	10.840	162	56340	42.621	ng	98
30) 1,2,4-Trichlorobenzene	11.052	180	59169	38.808	ng	96
31) Naphthalene	11.246	128	161073	38.965	ng	99
32) Benzoic acid	10.482	122	17442	26.601	ng	94
33) 4-Chloroaniline	11.352	127	27058	14.575	ng	95
34) Hexachlorobutadiene	11.516	225	43672	38.603	ng	99
35) Caprolactam	12.115	113	15993m	35.419	ng	
36) 4-Chloro-3-methylphenol	12.450	107	60252	40.109	ng	96
37) 2-Methylnaphthalene	12.820	142	116960	35.986	ng	95
38) 1-Methylnaphthalene	13.037	142	110795	36.167	ng	96
40) 1,2,4,5-Tetrachloroben...	13.184	216	81384	39.718	ng	100
41) Hexachlorocyclopentadiene	13.155	237	71400	73.085	ng	98
43) 2,4,6-Trichlorophenol	13.419	196	53254	42.660	ng	98

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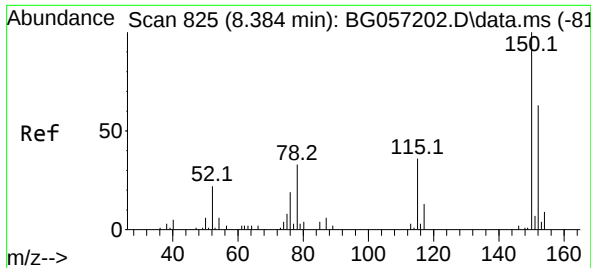
Manual Integrations
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 Supervised By : Jagrut Upadhyay 05/23/2023

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 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

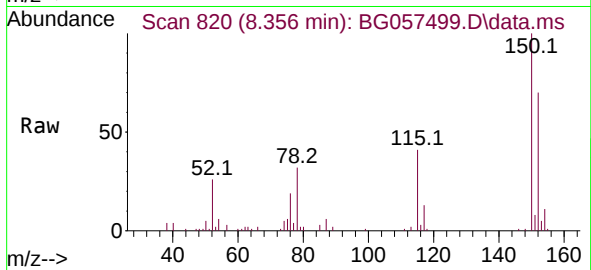
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.502	196	58171	39.615	ng	98
46) 1,1'-Biphenyl	13.807	154	170088	39.713	ng	99
47) 2-Chloronaphthalene	13.860	162	127921	40.165	ng	98
48) 2-Nitroaniline	14.060	65	44374	40.977	ng	100
49) Acenaphthylene	14.700	152	204581	39.539	ng	99
50) Dimethylphthalate	14.406	163	182613	38.502	ng	99
51) 2,6-Dinitrotoluene	14.541	165	40134	41.444	ng	# 83
52) Acenaphthene	15.035	154	126080	38.995	ng	99
53) 3-Nitroaniline	14.876	138	23901	24.636	ng	88
54) 2,4-Dinitrophenol	15.088	184	45270	75.763	ng	98
55) Dibenzofuran	15.364	168	207849	38.261	ng	98
56) 4-Nitrophenol	15.182	139	51716	80.149	ng	92
57) 2,4-Dinitrotoluene	15.329	165	56902	41.114	ng	93
58) Fluorene	16.010	166	174557	39.010	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.593	232	55738	41.867	ng	99
60) Diethylphthalate	15.751	149	180730	37.521	ng	98
61) 4-Chlorophenyl-phenyle...	15.986	204	102399	37.986	ng	96
62) 4-Nitroaniline	16.033	138	38288	39.120	ng	94
63) Azobenzene	16.280	77	162849	35.041	ng	96
65) 4,6-Dinitro-2-methylph...	16.092	198	37588	44.400	ng	97
66) n-Nitrosodiphenylamine	16.204	169	153533	39.866	ng	98
67) 4-Bromophenyl-phenylether	16.885	248	67815	39.177	ng	98
68) Hexachlorobenzene	17.014	284	72321	42.994	ng	94
69) Atrazine	17.138	200	69563	47.351	ng	97
70) Pentachlorophenol	17.361	266	70343	72.561	ng	98
71) Phenanthrene	17.755	178	292273	40.225	ng	99
72) Anthracene	17.843	178	296478	39.767	ng	98
73) Carbazole	18.107	167	265555	42.310	ng	99
74) Di-n-butylphthalate	18.624	149	307574	42.592	ng	99
75) Fluoranthene	19.740	202	359915	39.827	ng	100
77) Benzidine	19.928	184	41842m	14.435	ng	
78) Pyrene	20.104	202	367461	39.003	ng	99
80) Butylbenzylphthalate	20.950	149	130930	43.799	ng	96
81) Benzo(a)anthracene	21.996	228	366755	39.704	ng	98
82) 3,3'-Dichlorobenzidine	21.890	252	98141	33.170	ng	99
83) Chrysene	22.066	228	332477	38.254	ng	98
84) Bis(2-ethylhexyl)phtha...	21.837	149	186325	42.128	ng	97
85) Di-n-octyl phthalate	23.130	149	312941	42.441	ng	98
87) Indeno(1,2,3-cd)pyrene	29.562	276	399484	39.262	ng	100
88) Benzo(b)fluoranthene	24.393	252	368084	40.333	ng	99
89) Benzo(k)fluoranthene	24.469	252	350210	37.763	ng	99
90) Benzo(a)pyrene	25.350	252	318220	35.691	ng	96
91) Dibenzo(a,h)anthracene	29.615	278	337059	39.778	ng	98
92) Benzo(g,h,i)perylene	30.831	276	324718	39.246	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

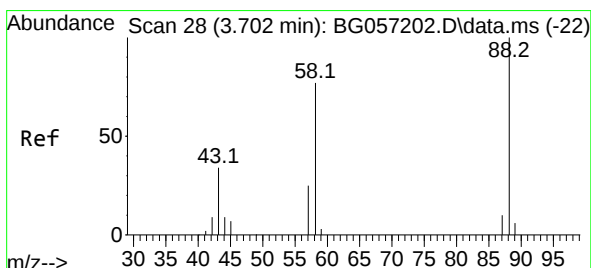
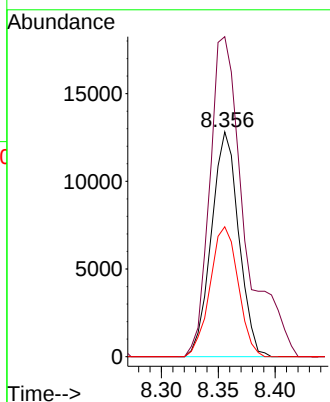
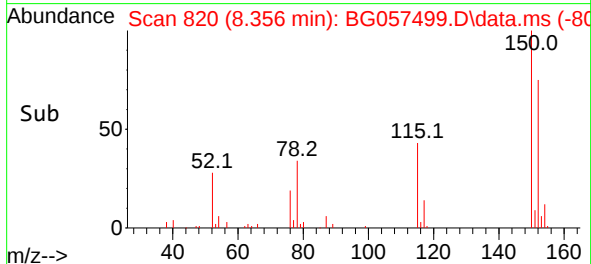
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



Tgt Ion:152 Resp: 21440
Ion Ratio Lower Upper
152 100
150 142.4 126.2 189.4
115 57.8 45.0 67.4

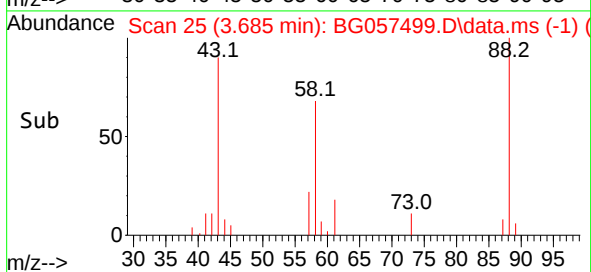
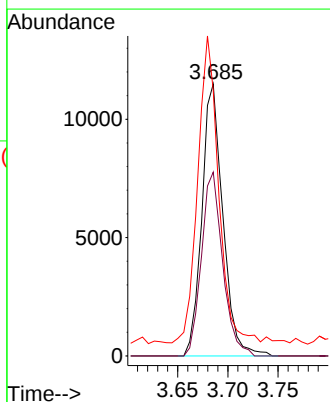
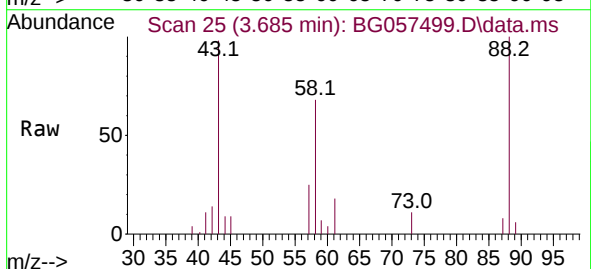
Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 05/23/2023



#2
1,4-Dioxane
Concen: 32.295 ng
RT: 3.685 min Scan# 25
Delta R.T. 0.012 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion: 88 Resp: 16736
Ion Ratio Lower Upper
88 100
58 68.2 57.1 85.7
43 116.8 24.4 36.6





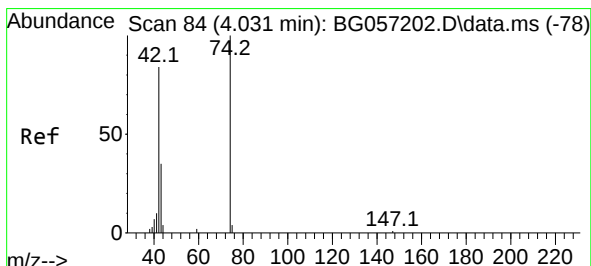
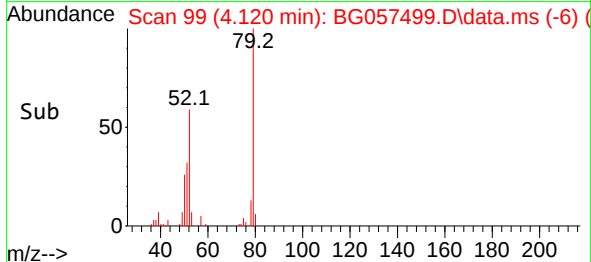
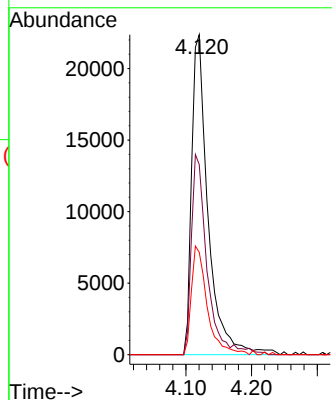
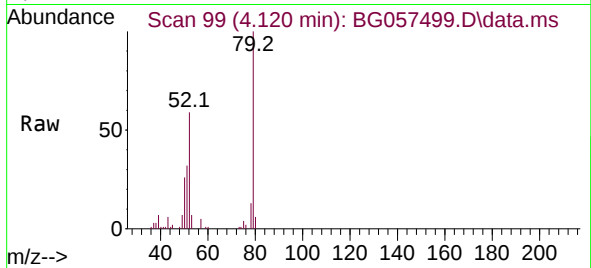
#3
Pyridine
Concen: 23.331 ng
RT: 4.120 min Scan# 91
Delta R.T. 0.017 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD

Tgt Ion: 79 Resp: 3885
Ion Ratio Lower Upper
79 100
52 59.4 51.4 77.0
51 32.0 28.0 42.0

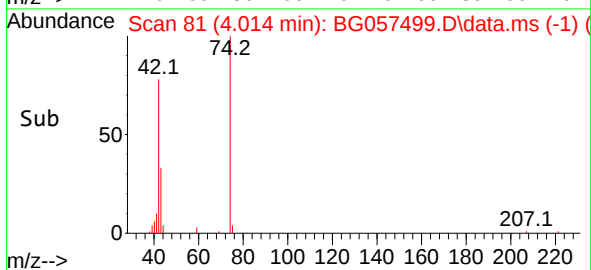
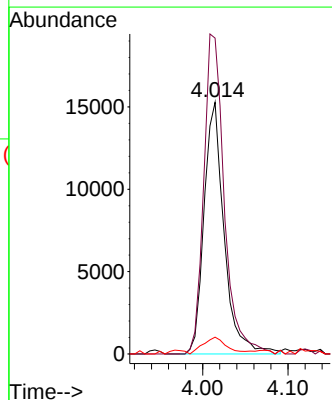
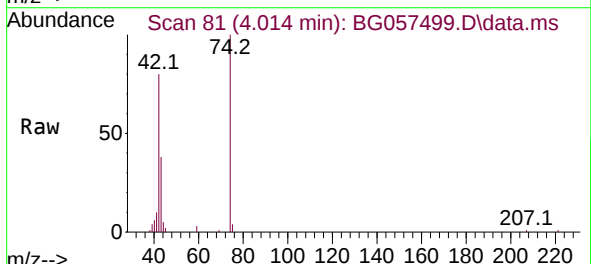
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Supervised By :Jagrut Upadhyay 05/23/2023



#4
n-Nitrosodimethylamine
Concen: 32.031 ng
RT: 4.014 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion: 42 Resp: 25069
Ion Ratio Lower Upper
42 100
74 125.5 95.1 142.7
44 6.7 5.8 8.8





#5
2-Fluorophenol
Concen: 109.722 ng
RT: 5.877 min Scan# 398
Delta R.T. 0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

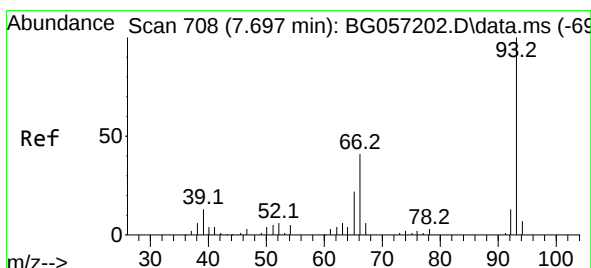
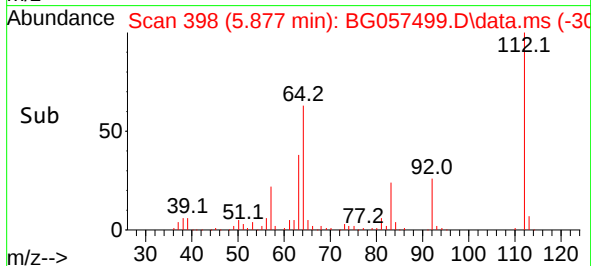
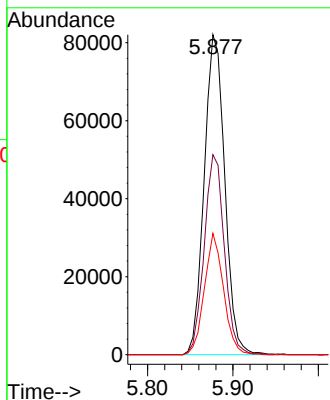
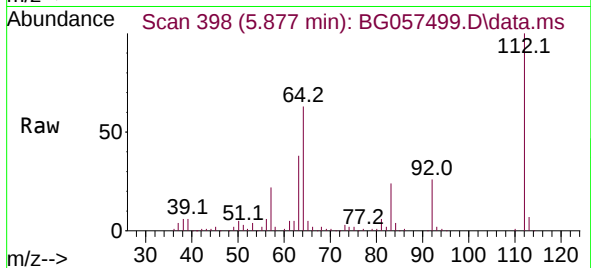
ETGI-289MSD

Tgt Ion:112 Resp: 137520
Ion Ratio Lower Upper
112 100
64 62.5 49.4 74.2
63 37.9 31.6 47.4

Manual Integrations

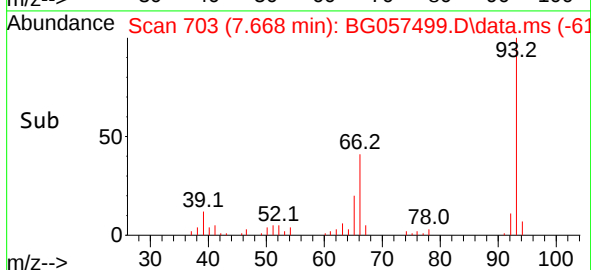
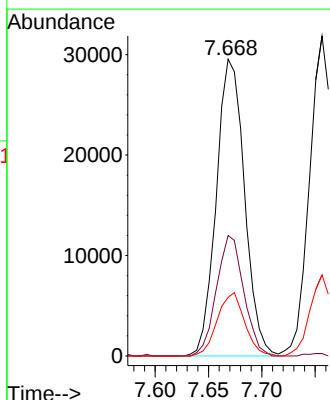
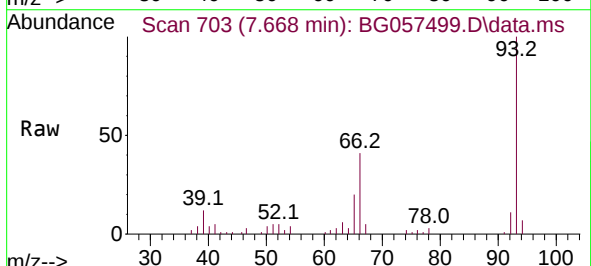
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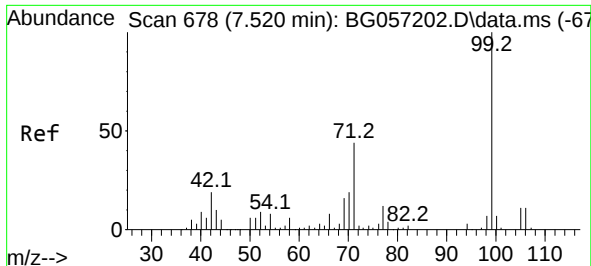
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#6
Aniline
Concen: 22.505 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

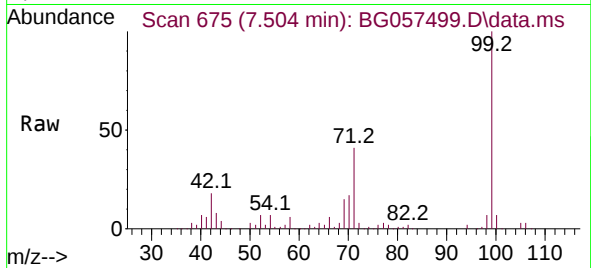
Tgt Ion: 93 Resp: 54337
Ion Ratio Lower Upper
93 100
66 40.6 33.0 49.6
65 19.7 18.0 27.0





#7
Phenol-d6
Concen: 95.666 ng
RT: 7.504 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

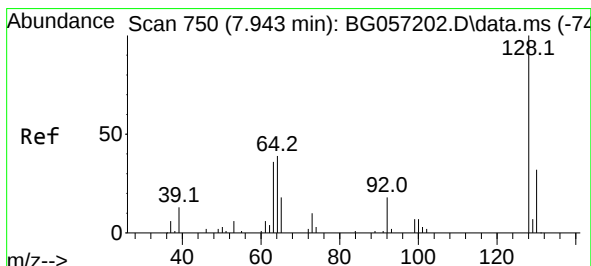
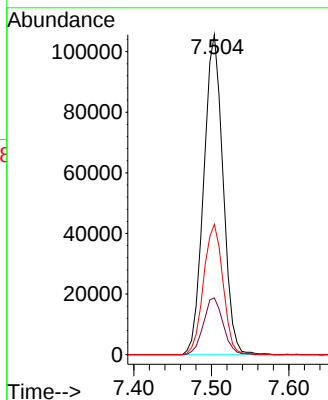
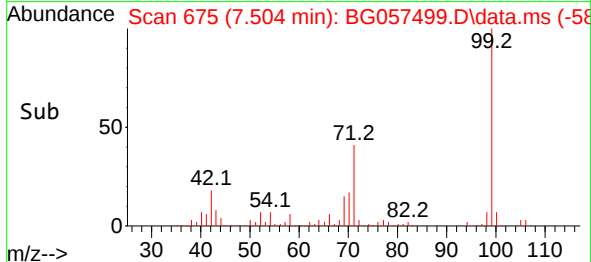
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BNA_G
ClientSampleId :
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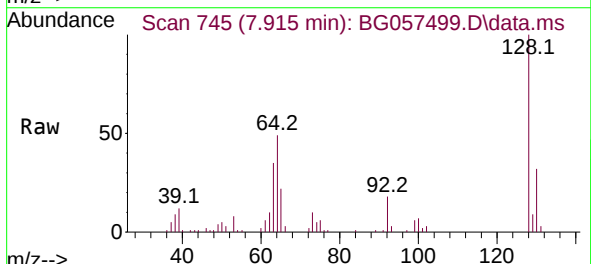
Tgt Ion: 99 Resp: 18207
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.7 35.2 52.8

Manual Integrations
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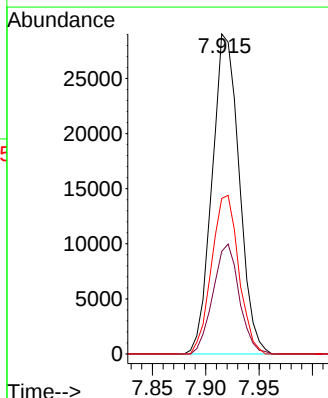
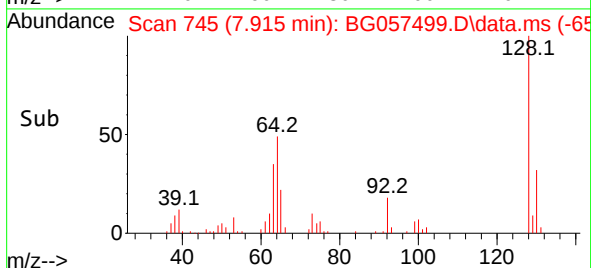
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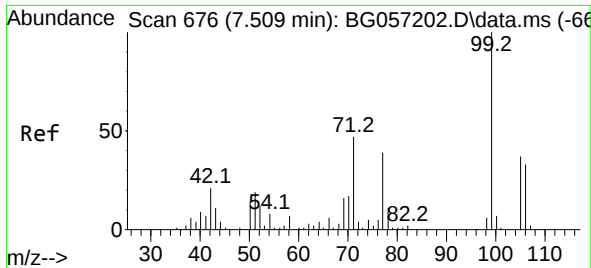


#8
2-Chlorophenol
Concen: 38.796 ng
RT: 7.915 min Scan# 745
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



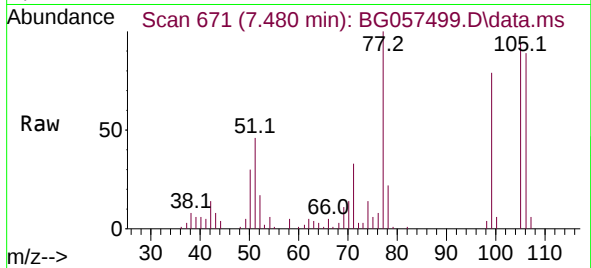
Tgt Ion:128 Resp: 51381
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 48.6 28.4 68.4





#9
Benzaldehyde
Concen: 35.696 ng
RT: 7.480 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

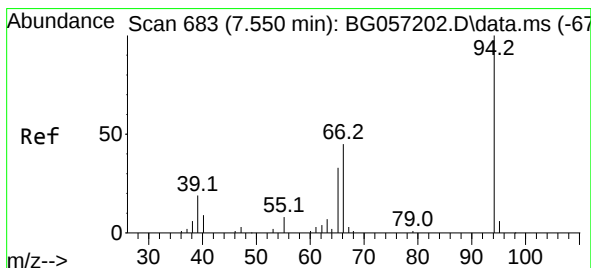
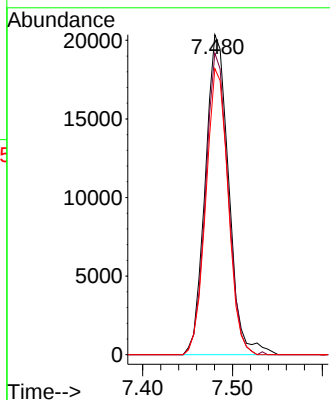
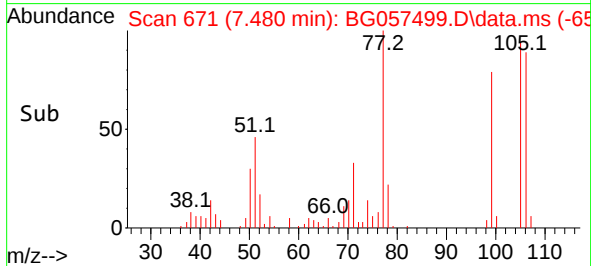
Instrument :
BNA_G
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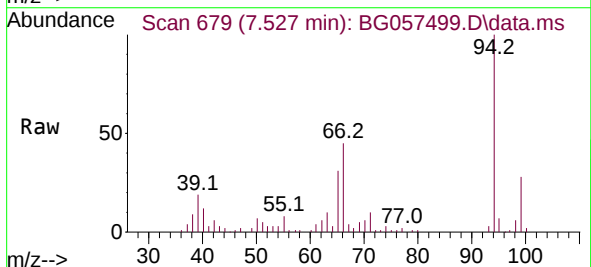
Tgt Ion: 77 Resp: 36788
Ion Ratio Lower Upper
77 100
105 94.3 74.6 114.6
106 89.4 66.3 106.3

Manual Integrations
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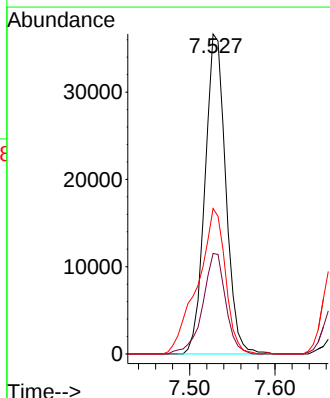
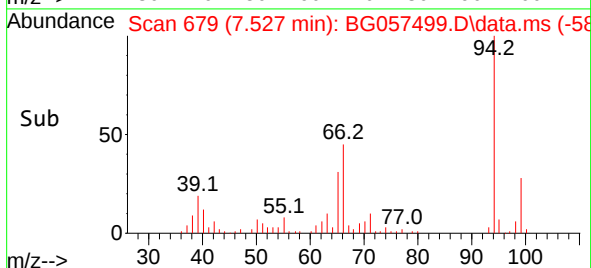
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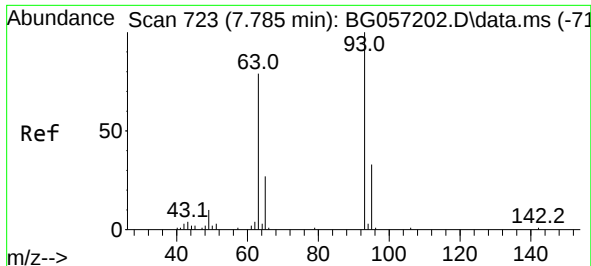


#10
Phenol
Concen: 33.344 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion: 94 Resp: 61865
Ion Ratio Lower Upper
94 100
65 31.4 13.5 53.5
66 45.5 26.7 66.7





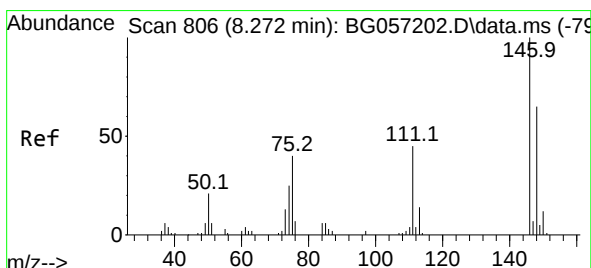
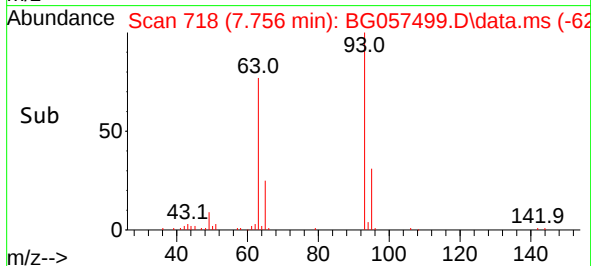
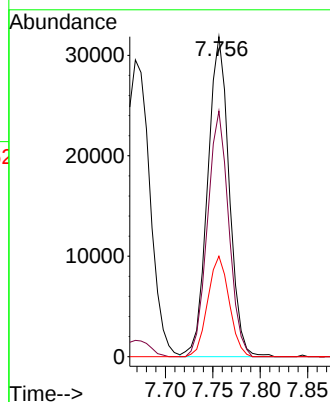
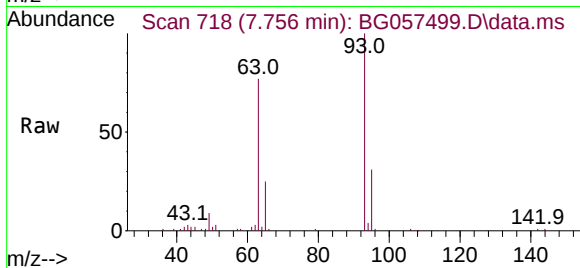
#11
bis(2-Chloroethyl)ether
Concen: 35.965 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD

Tgt Ion: 93 Resp: 50310
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 31.4 12.2 52.2

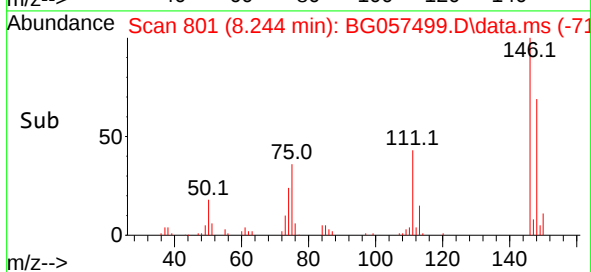
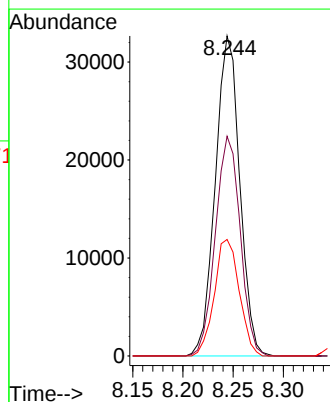
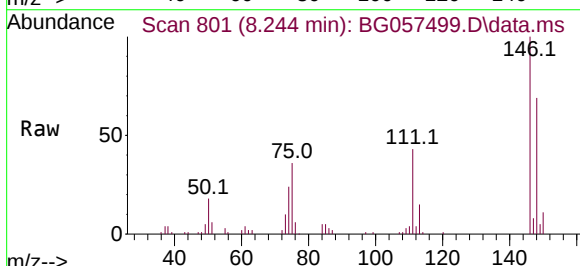
Manual Integrations
APPROVED

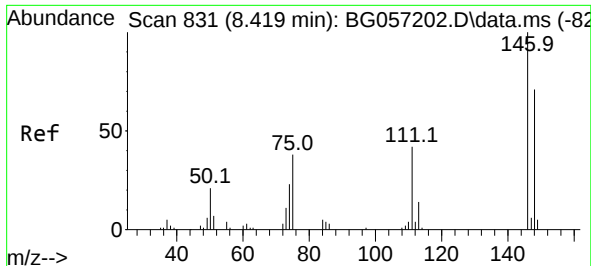
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#12
1,3-Dichlorobenzene
Concen: 37.816 ng
RT: 8.244 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:146 Resp: 55276
Ion Ratio Lower Upper
146 100
148 68.7 52.2 78.2
75 36.4 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 39.380 ng

RT: 8.391 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

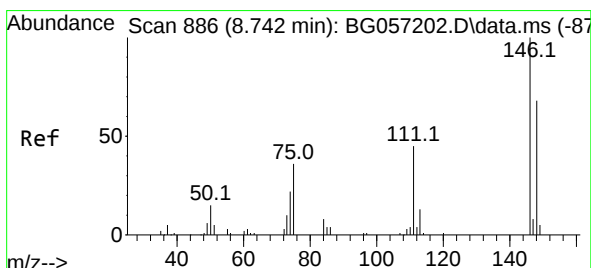
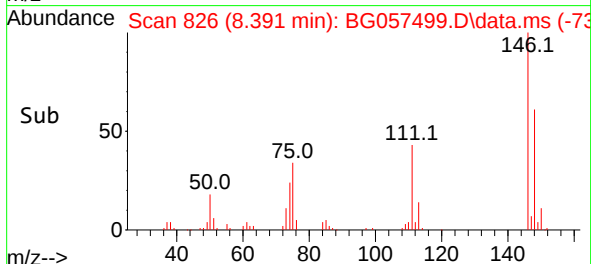
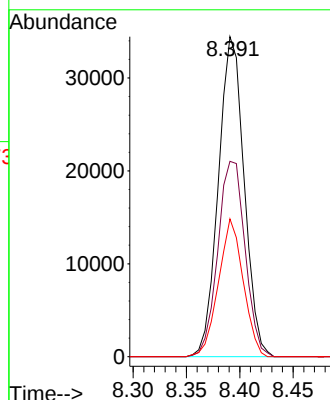
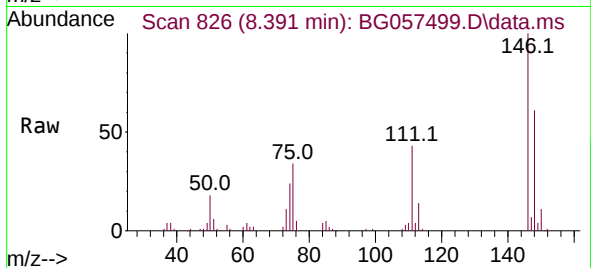
ETGI-289MSD

Tgt Ion:146 Resp: 57819
 Ion Ratio Lower Upper
 146 100
 148 61.1 56.4 84.6
 111 43.1 33.8 50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 39.088 ng

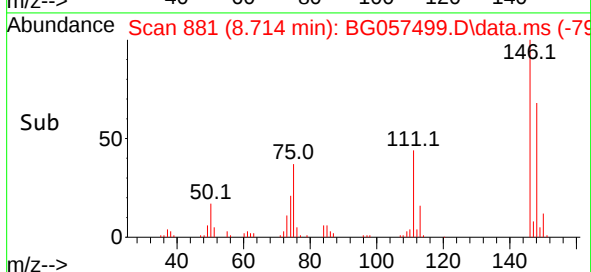
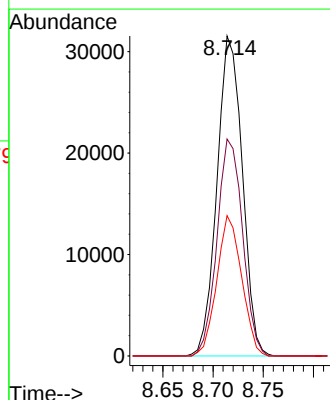
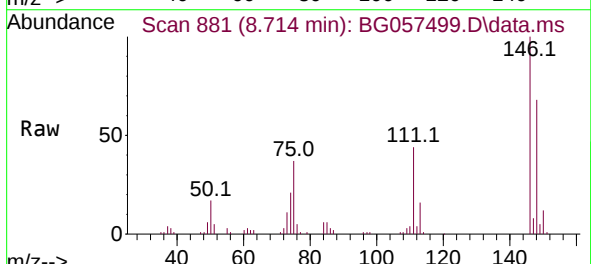
RT: 8.714 min Scan# 881

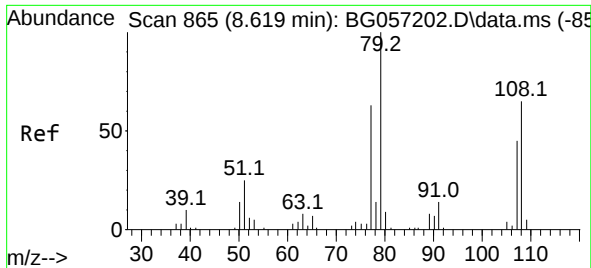
Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Tgt Ion:146 Resp: 55403
 Ion Ratio Lower Upper
 146 100
 148 67.8 54.6 82.0
 111 43.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 35.736 ng
RT: 8.591 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

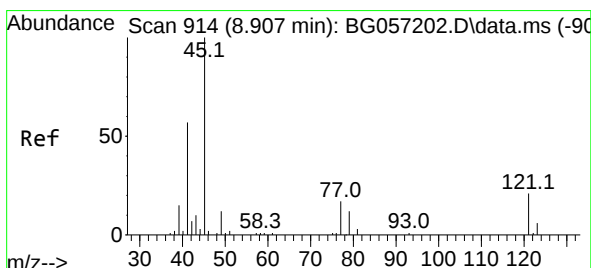
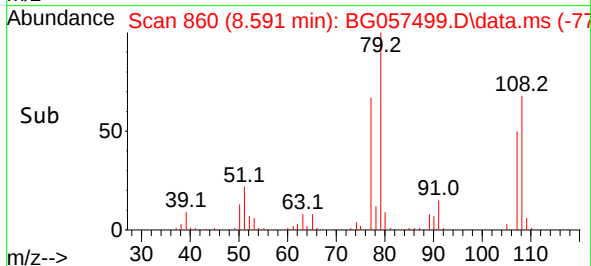
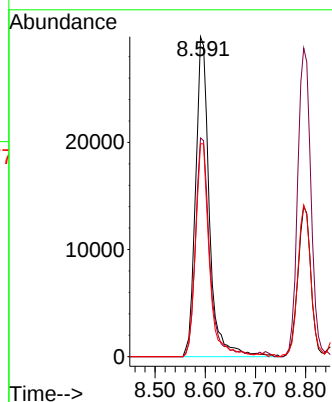
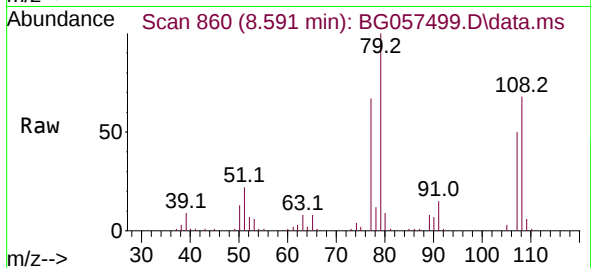
ClientSampleId :

ETGI-289MSD

Tgt Ion: 79 Resp: 5666
Ion Ratio Lower Upper
79 100
108 68.3 52.2 78.2
77 66.5 50.1 75.1

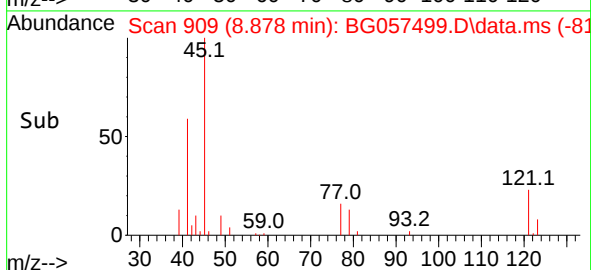
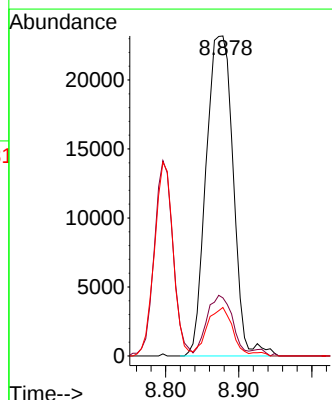
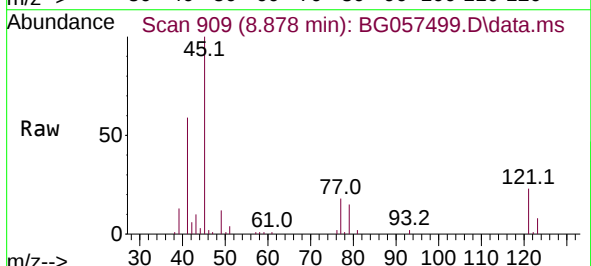
Manual Integrations
APPROVED

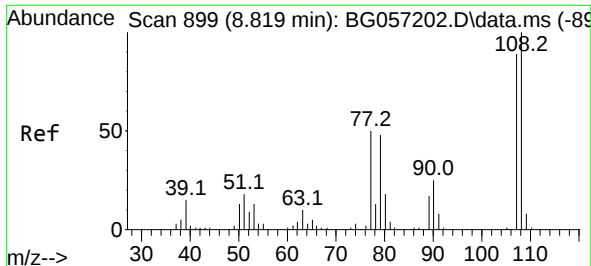
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.858 ng m
RT: 8.878 min Scan# 909
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion: 45 Resp: 59703
Ion Ratio Lower Upper
45 100
77 18.2 0.0 38.5
79 15.2 0.0 33.8





#17
2-Methylphenol
Concen: 34.945 ng
RT: 8.796 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

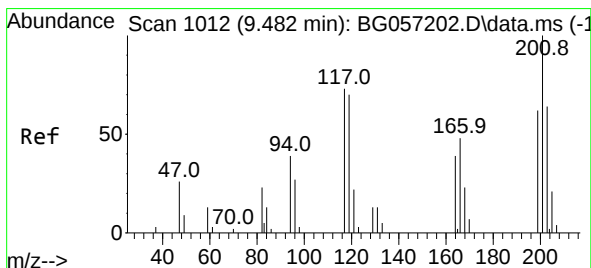
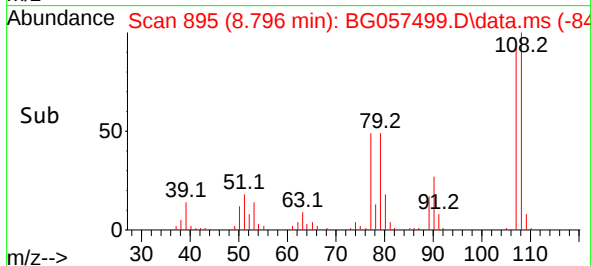
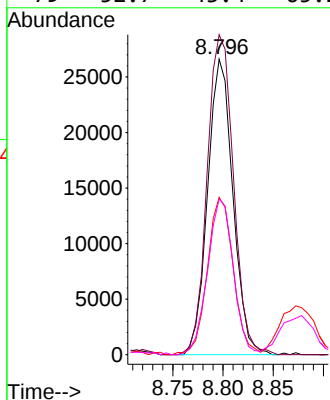
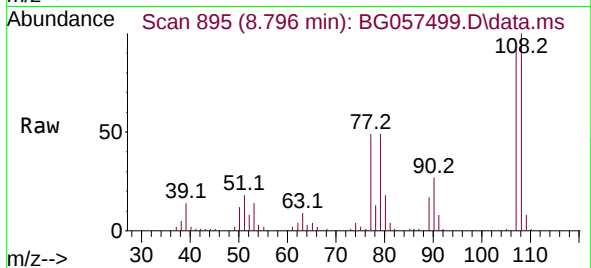
ClientSampleId :

ETGI-289MSD

Tgt Ion:107 Resp: 4673
Ion Ratio Lower Upper
107 100
108 108.3 89.5 134.3
77 53.2 45.1 67.7
79 52.7 43.4 65.2

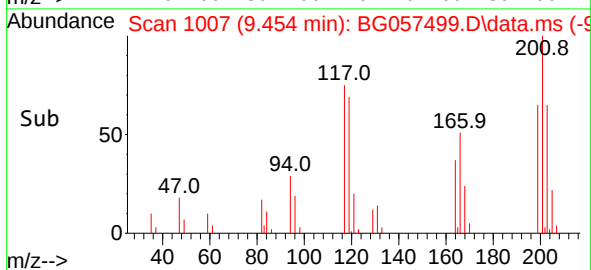
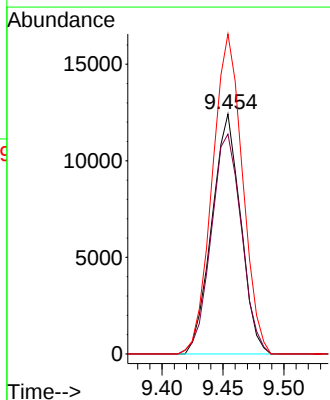
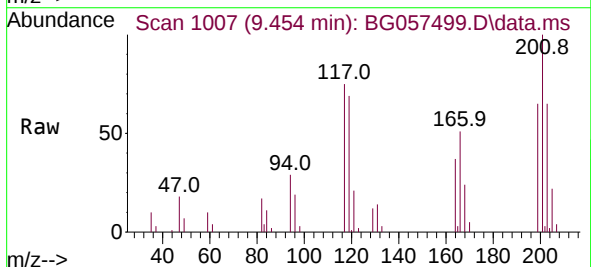
Manual Integrations
APPROVED

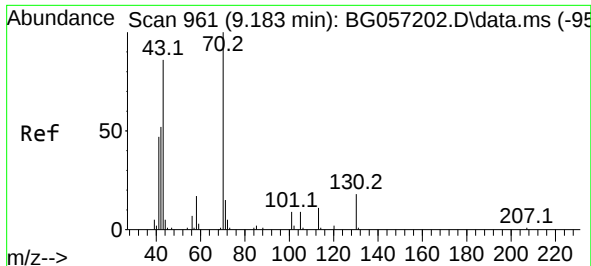
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#18
Hexachloroethane
Concen: 38.541 ng
RT: 9.454 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

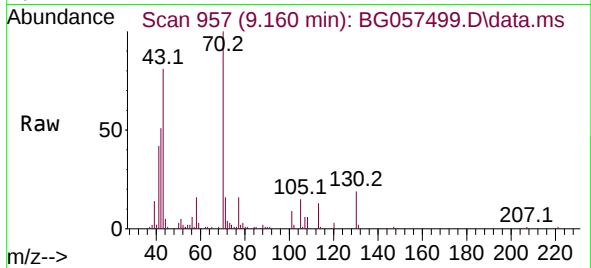
Tgt Ion:117 Resp: 20421
Ion Ratio Lower Upper
117 100
119 91.6 76.7 115.1
201 133.3 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 31.918 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

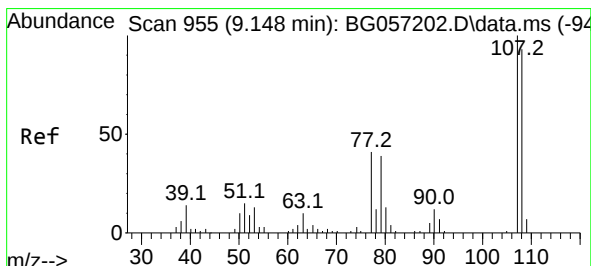
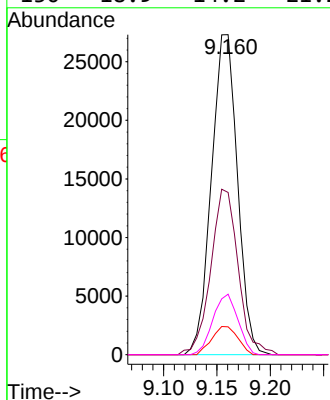
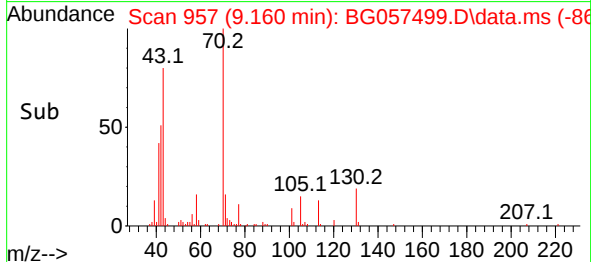
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



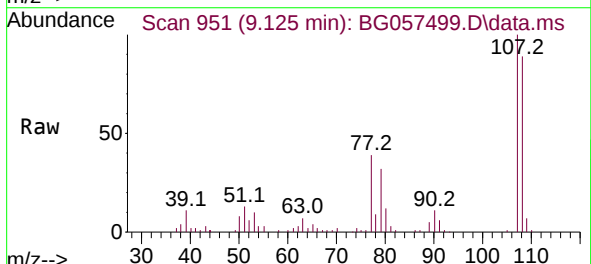
Tgt Ion: 70 Resp: 4632
Ion Ratio Lower Upper
70 100
42 50.7 41.8 62.8
101 8.7 6.8 10.2
130 18.9 14.2 21.2

Manual Integrations
APPROVED

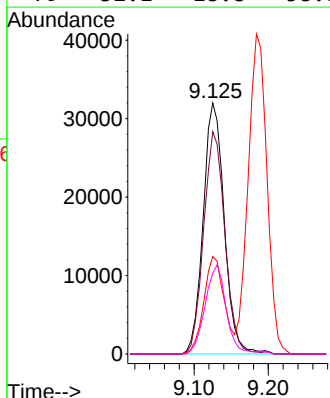
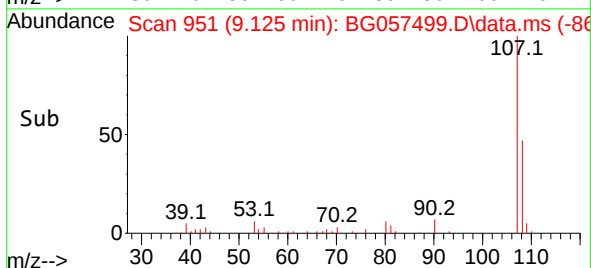
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

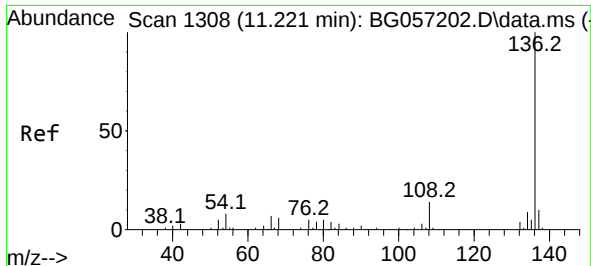


#20
3+4-Methylphenols
Concen: 34.450 ng
RT: 9.125 min Scan# 951
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:107 Resp: 63088
Ion Ratio Lower Upper
107 100
108 88.6 73.5 113.5
77 38.8 21.1 61.1
79 32.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

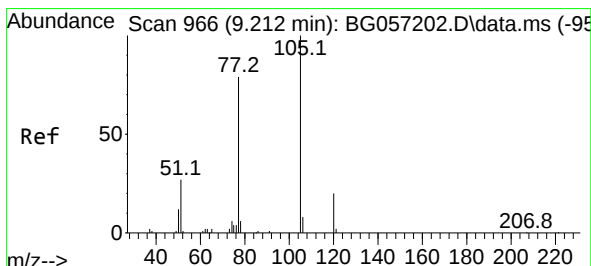
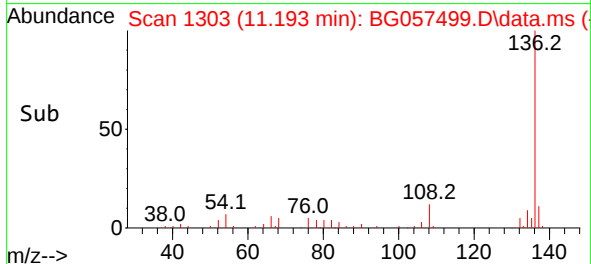
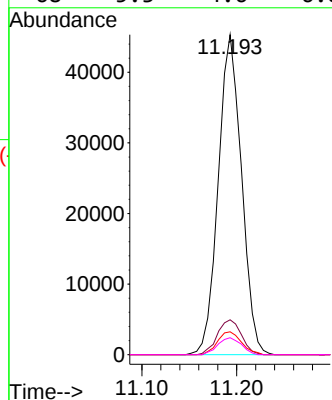
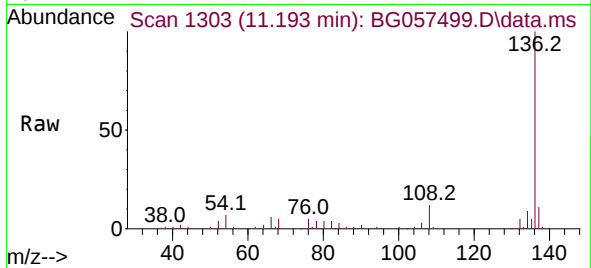
ETGI-289MSD

Tgt Ion:136 Resp: 7732
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 7.1 6.7 10.1
68 5.3 4.6 6.8

Manual Integrations

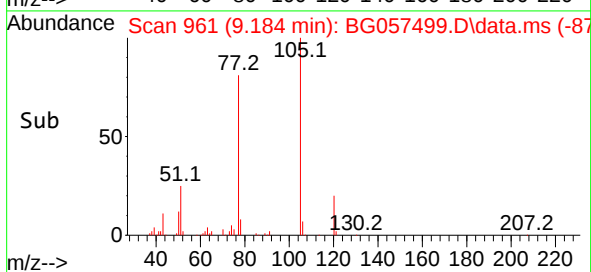
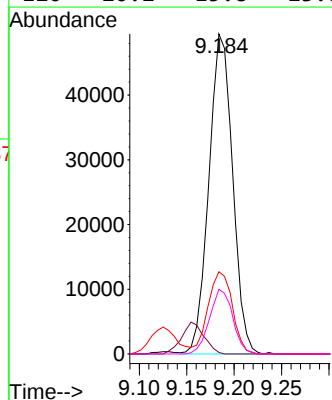
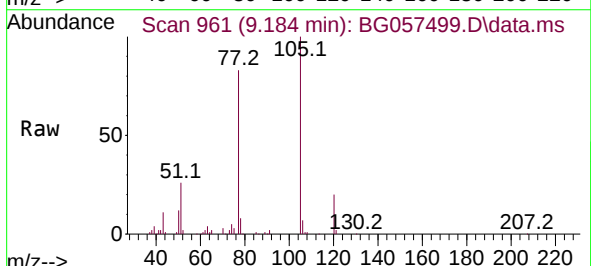
APPROVED

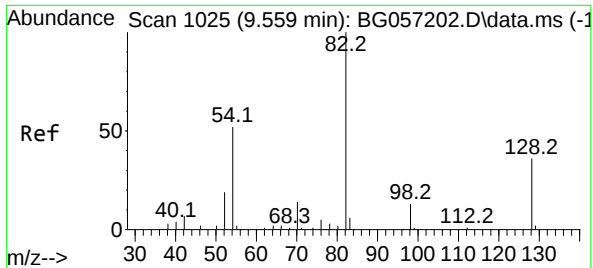
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#22
Acetophenone
Concen: 38.921 ng
RT: 9.184 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:105 Resp: 86136
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 25.7 24.0 36.0
120 20.2 15.8 23.8





#23
Nitrobenzene-d5
Concen: 74.597 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

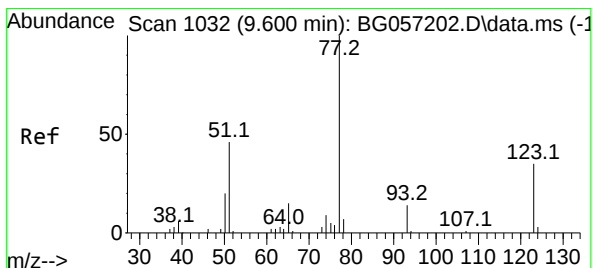
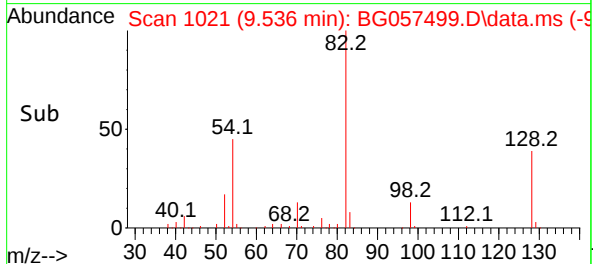
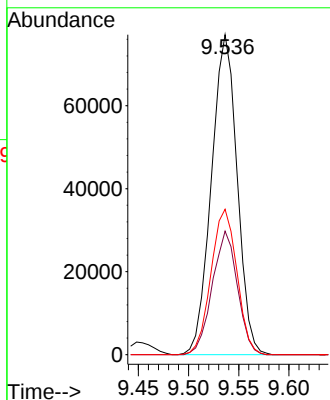
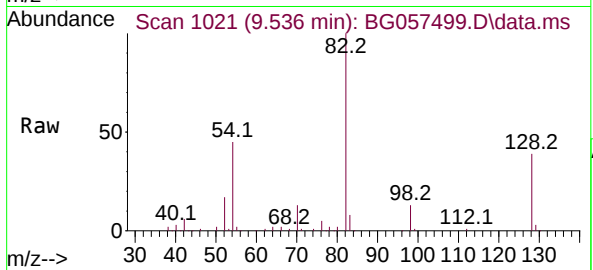
ETGI-289MSD

Tgt Ion: 82 Resp: 13743
Ion Ratio Lower Upper
82 100
128 38.6 29.0 43.4
54 45.5 41.4 62.0

Manual Integrations

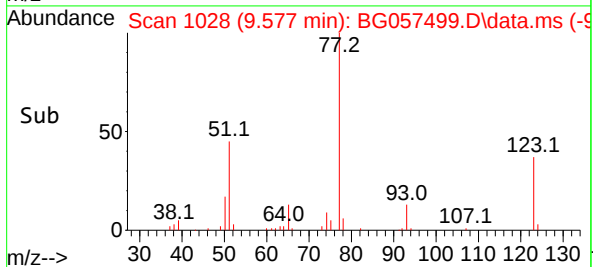
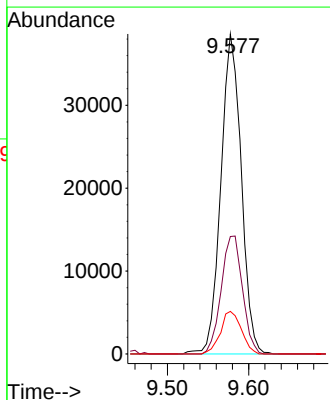
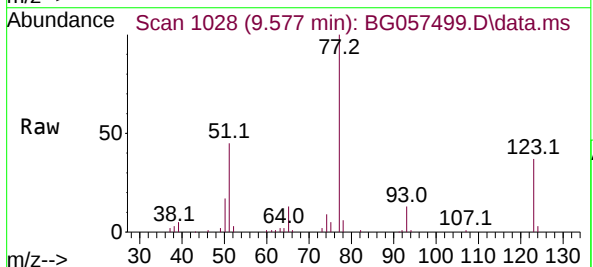
APPROVED

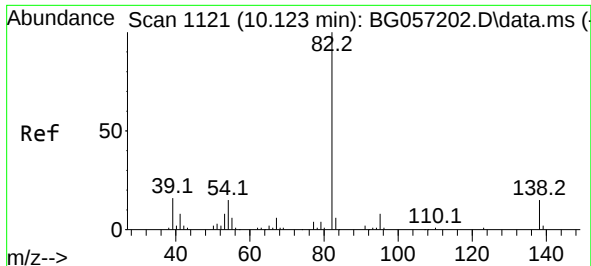
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#24
Nitrobenzene
Concen: 36.224 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

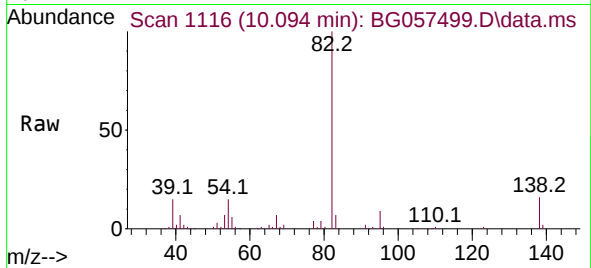
Tgt Ion: 77 Resp: 67358
Ion Ratio Lower Upper
77 100
123 36.7 28.2 42.2
65 13.3 11.7 17.5





#25
Isophorone
Concen: 34.560 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

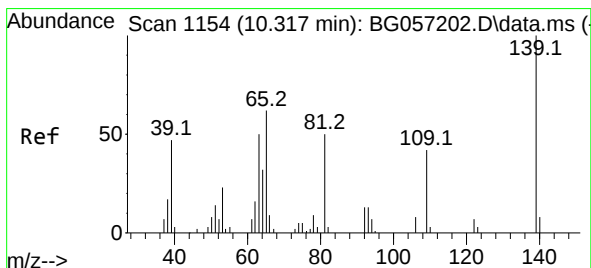
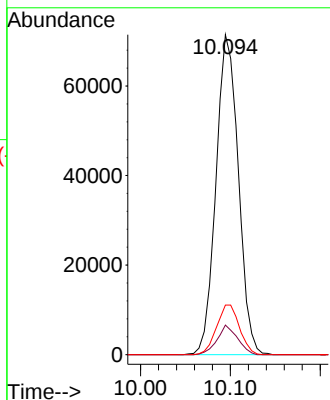
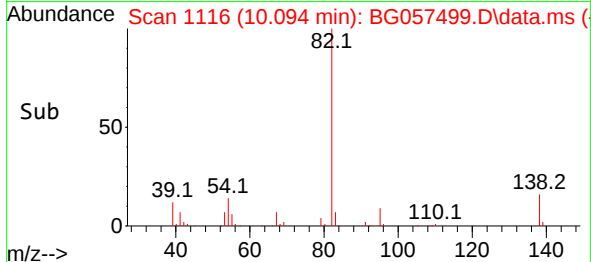
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



Tgt Ion: 82 Resp: 123462
Ion Ratio Lower Upper
82 100
95 9.2 6.4 9.6
138 15.5 12.3 18.5

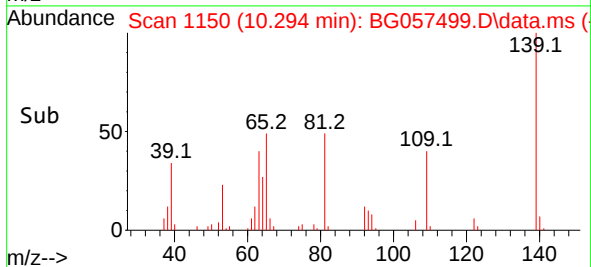
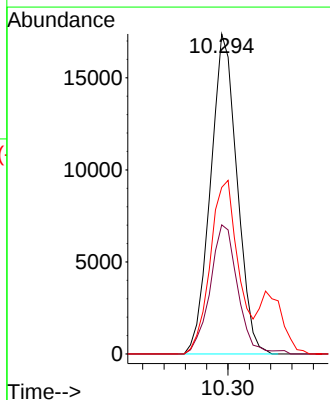
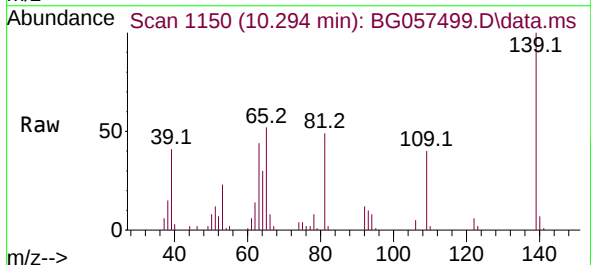
Manual Integrations
APPROVED

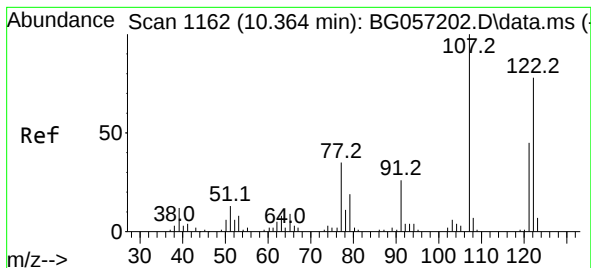
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#26
2-Nitrophenol
Concen: 42.187 ng
RT: 10.294 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:139 Resp: 30027
Ion Ratio Lower Upper
139 100
109 40.3 33.4 50.2
65 52.0 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 42.109 ng

RT: 10.341 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

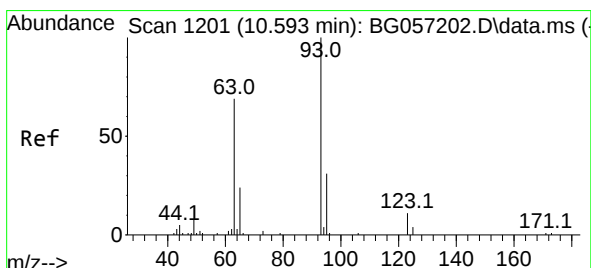
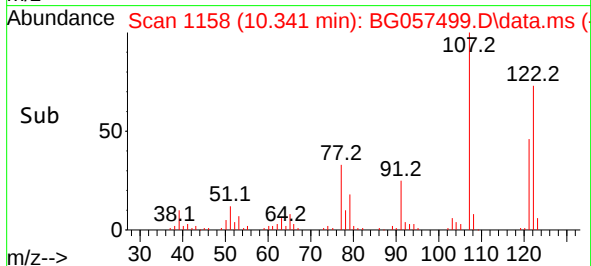
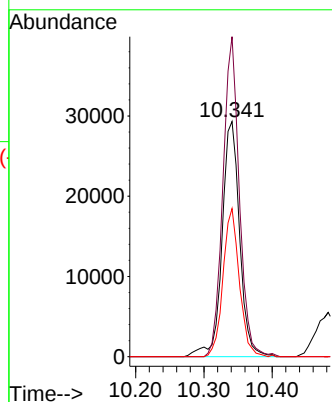
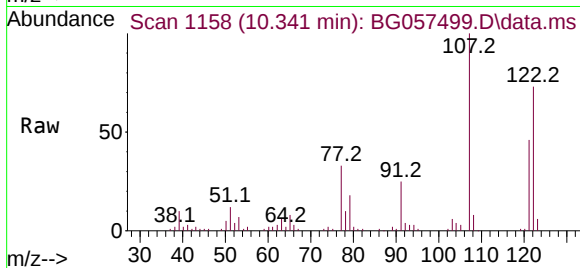
ETGI-289MSD

Tgt Ion:122 Resp: 5248
 Ion Ratio Lower Upper
 122 100
 107 136.1 103.0 154.4
 121 63.0 45.9 68.9

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 37.539 ng

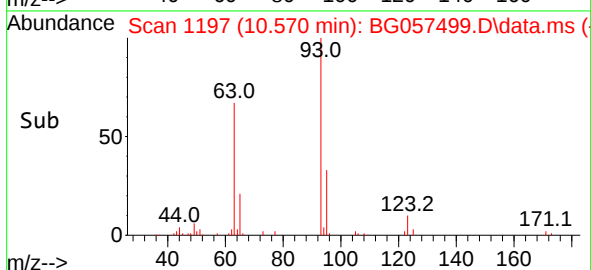
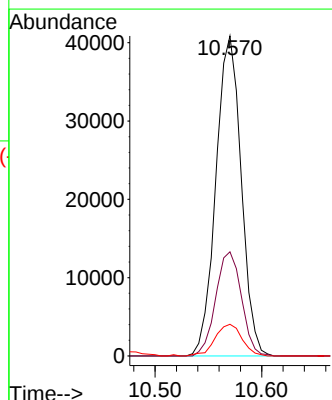
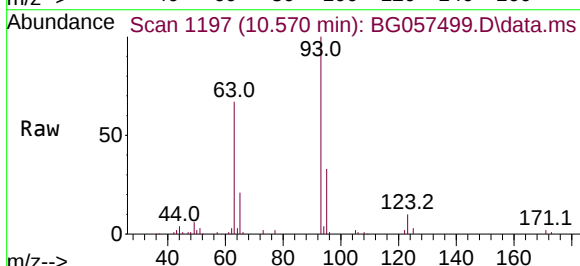
RT: 10.570 min Scan# 1197

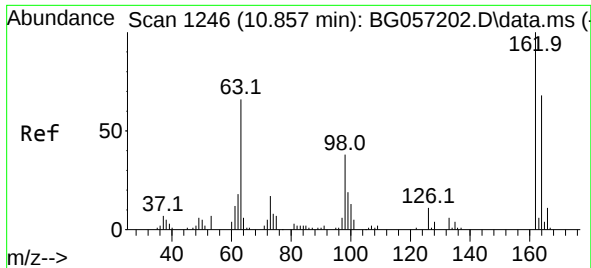
Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Tgt Ion: 93 Resp: 67183
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.0 37.6
 123 9.9 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 42.621 ng
RT: 10.840 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

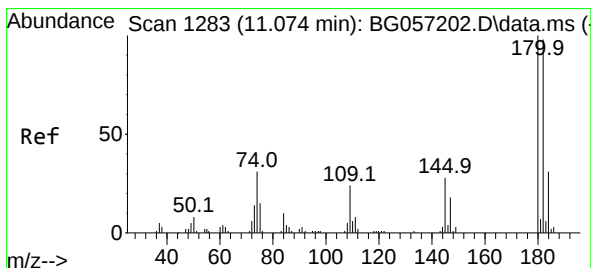
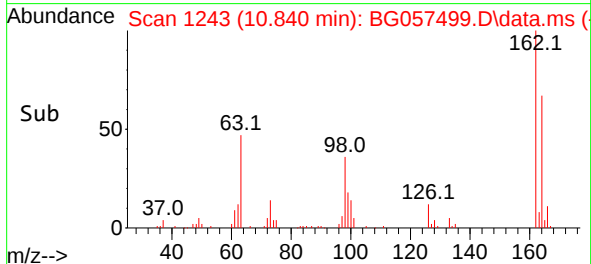
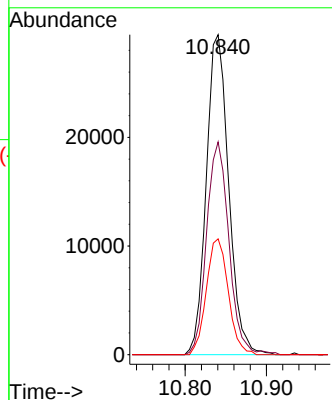
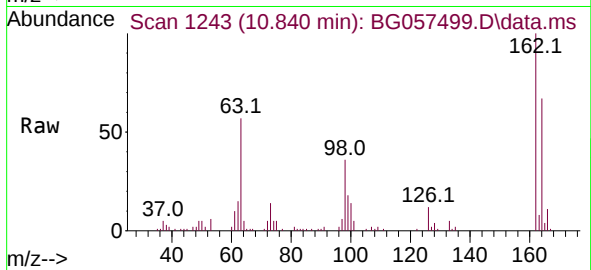
ETGI-289MSD

Tgt Ion:162 Resp: 56340
Ion Ratio Lower Upper
162 100
164 66.5 48.4 88.4
98 36.2 17.6 57.6

Manual Integrations

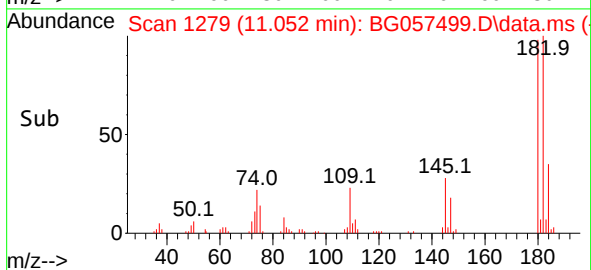
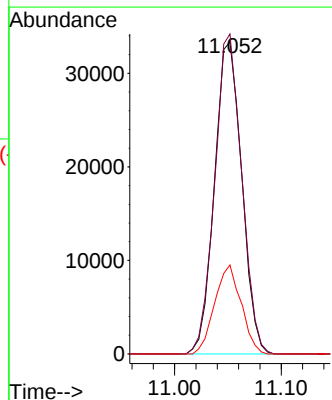
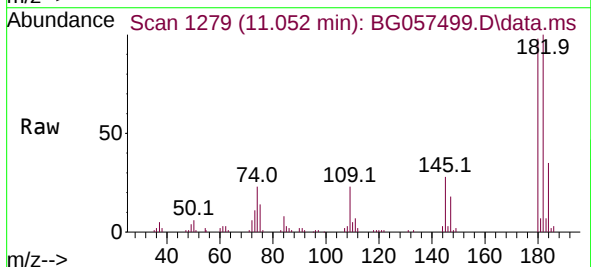
APPROVED

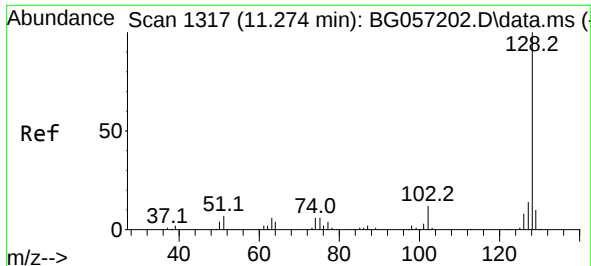
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.808 ng
RT: 11.052 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:180 Resp: 59169
Ion Ratio Lower Upper
180 100
182 102.5 78.0 117.0
145 28.5 22.4 33.6





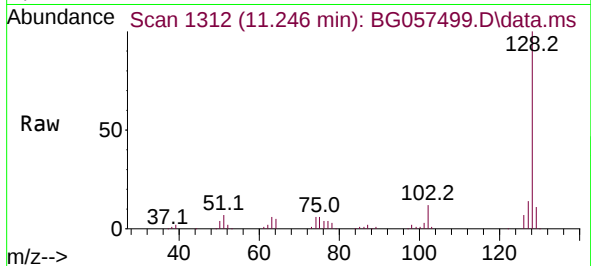
#31
Naphthalene
Concen: 38.965 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

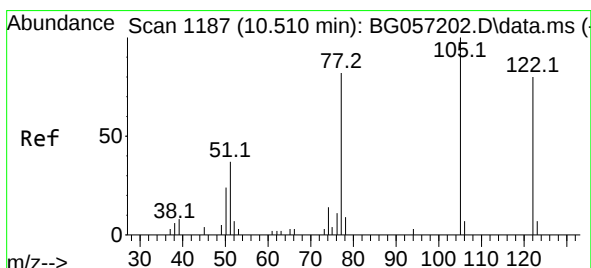
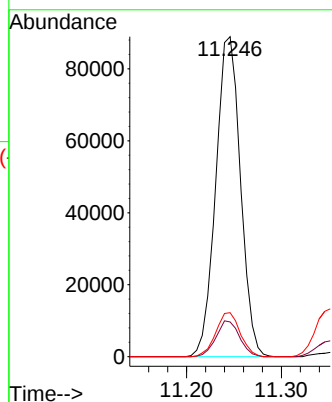
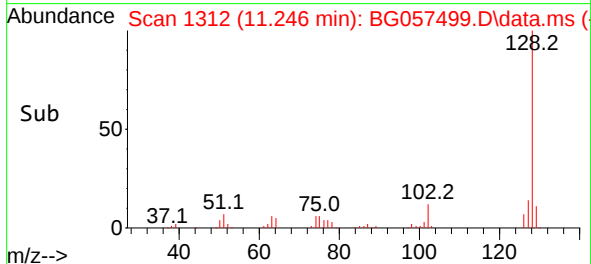


Tgt Ion:128 Resp: 16107
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.8 11.1 16.7

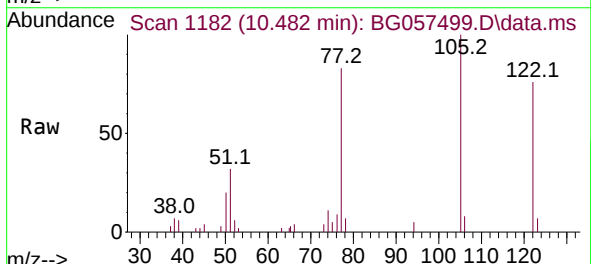
Manual Integrations

APPROVED

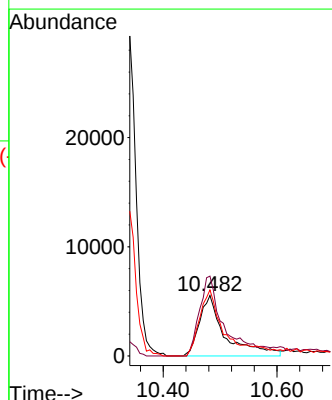
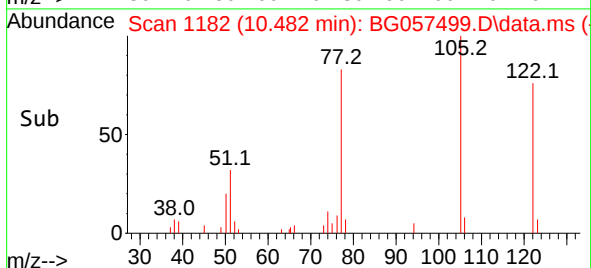
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

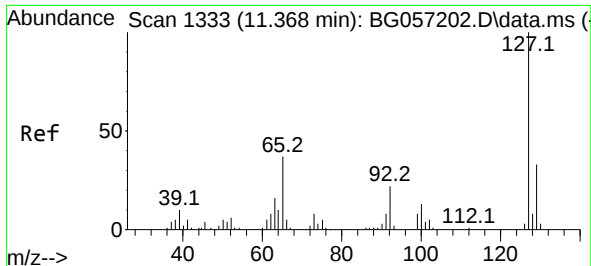


#32
Benzoic acid
Concen: 26.601 ng
RT: 10.482 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:122 Resp: 17442
Ion Ratio Lower Upper
122 100
105 132.2 105.2 145.2
77 109.4 83.1 123.1





#33
4-Chloroaniline
Concen: 14.575 ng
RT: 11.352 min Scan# 11352
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

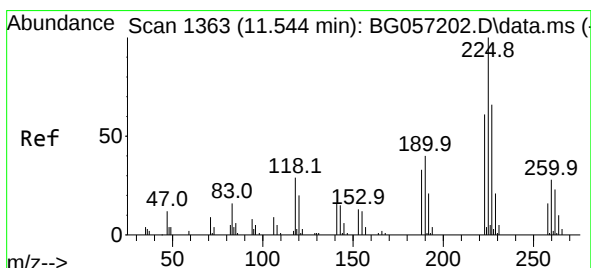
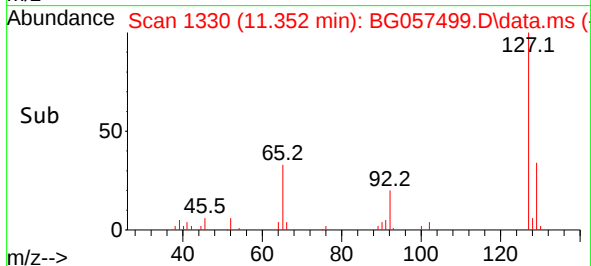
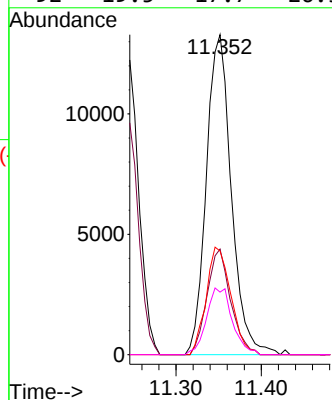
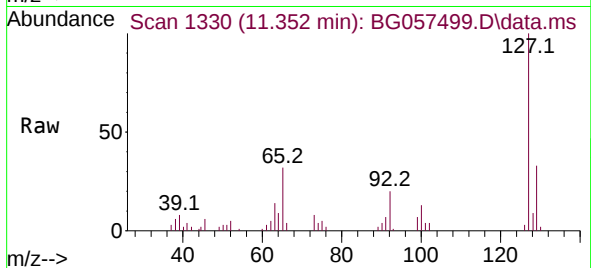
ETGI-289MSD

Tgt Ion:127	Resp: 2705
Ion Ratio	Lower Upper
127 100	
129 33.0	26.7 40.1
65 32.4	29.7 44.5
92 19.5	17.7 26.5

Manual Integrations

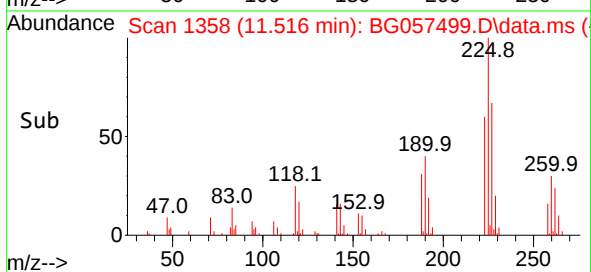
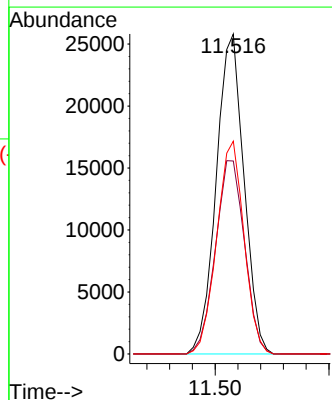
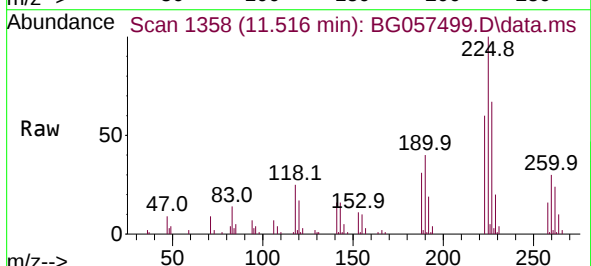
APPROVED

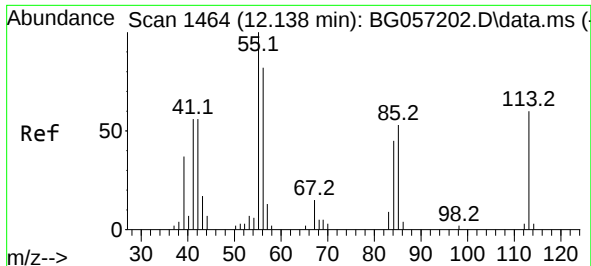
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#34
Hexachlorobutadiene
Concen: 38.603 ng
RT: 11.516 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

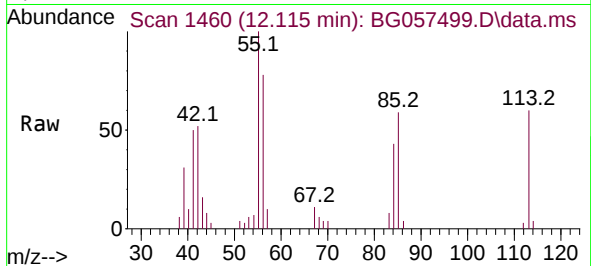
Tgt Ion:225	Resp: 43672
Ion Ratio	Lower Upper
225 100	
223 60.3	48.6 72.8
227 66.5	52.7 79.1





#35
Caprolactam
Concen: 35.419 ng m
RT: 12.115 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

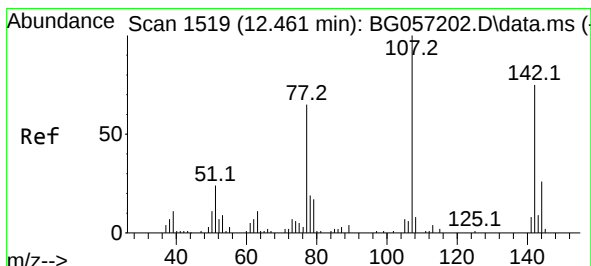
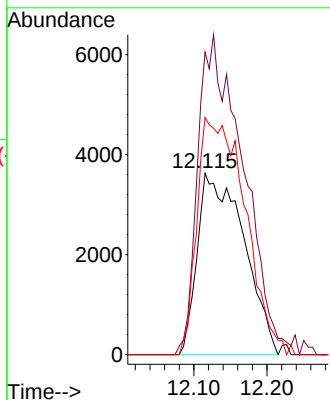
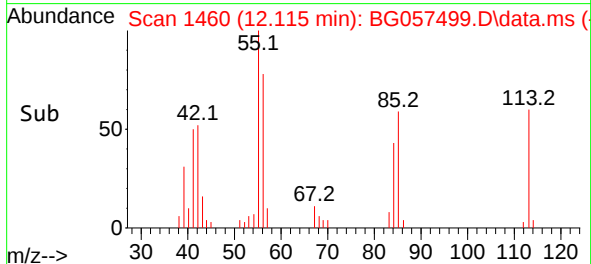
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



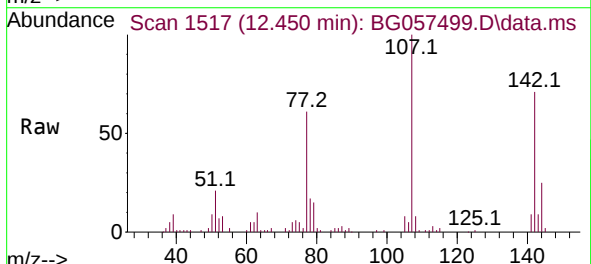
Tgt Ion:113 Resp: 1599
Ion Ratio Lower Upper
113 100
55 166.9 145.5 185.5
56 130.8 115.9 155.9

Manual Integrations
APPROVED

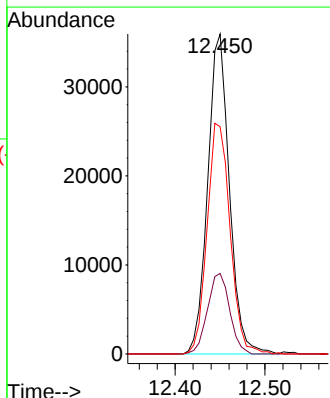
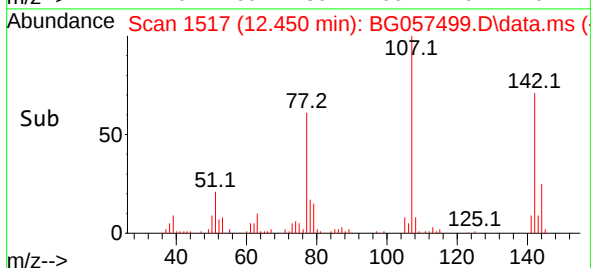
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

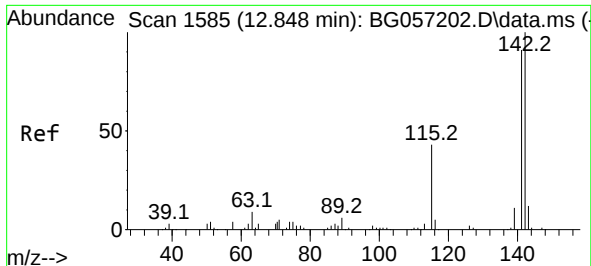


#36
4-Chloro-3-methylphenol
Concen: 40.109 ng
RT: 12.450 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:107 Resp: 60252
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.6
142 71.0 60.0 90.0





#37
2-Methylnaphthalene
Concen: 35.986 ng
RT: 12.820 min Scan# 11696
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

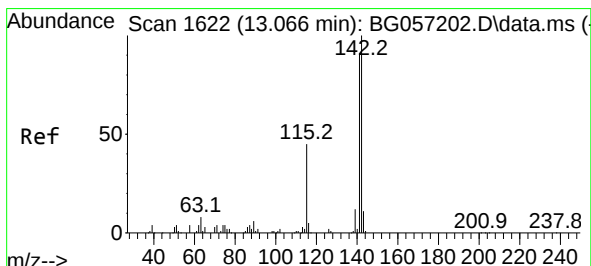
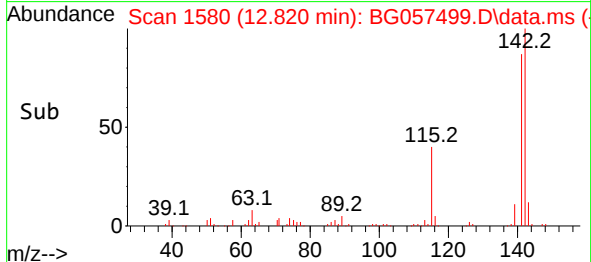
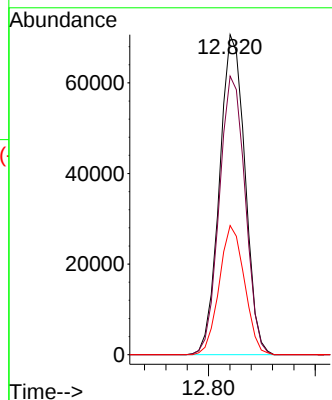
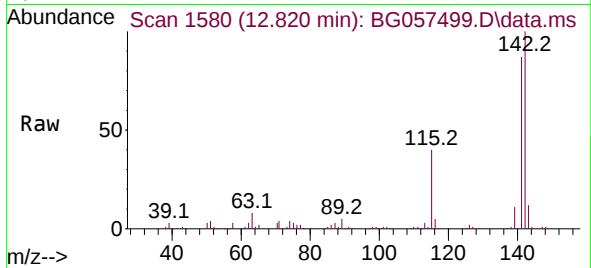
ETGI-289MSD

Tgt Ion:142 Resp: 11696
Ion Ratio Lower Upper
142 100
141 87.1 73.1 109.7
115 40.4 34.6 52.0

Manual Integrations

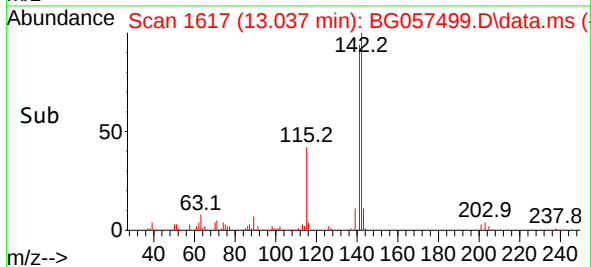
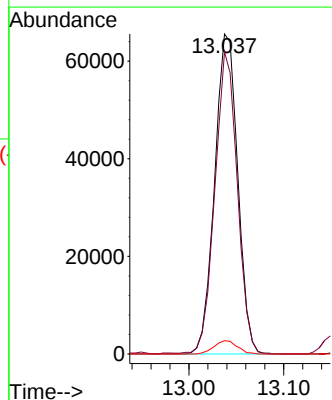
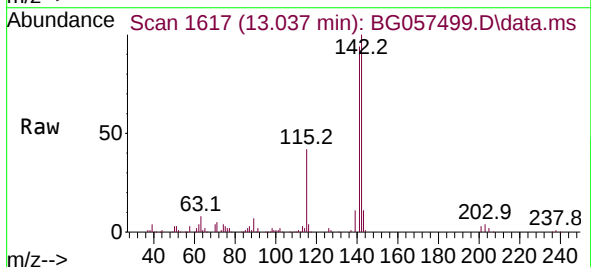
APPROVED

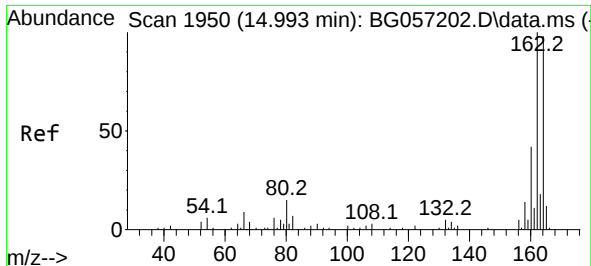
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#38
1-Methylnaphthalene
Concen: 36.167 ng
RT: 13.037 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:142 Resp: 110795
Ion Ratio Lower Upper
142 100
141 94.4 72.5 108.7
116 4.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

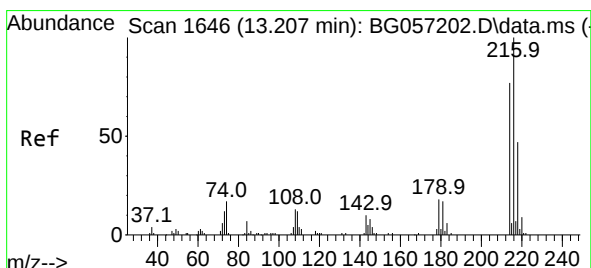
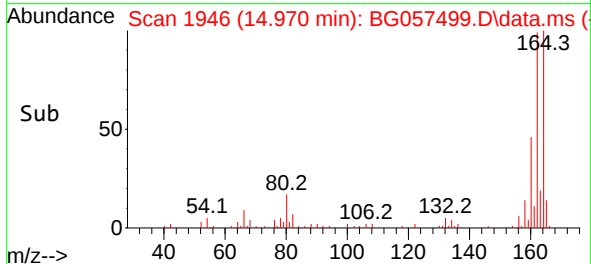
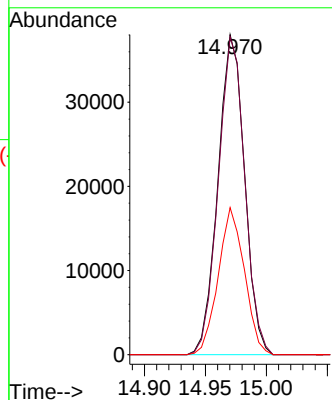
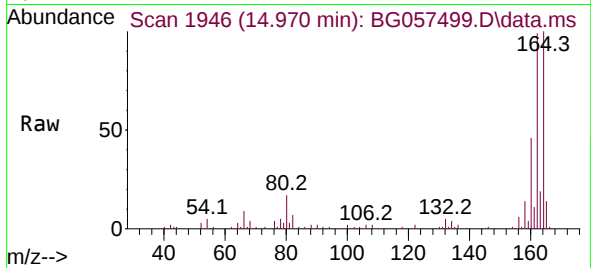
ETGI-289MSD

Tgt Ion:164 Resp: 57718
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 46.0 34.6 52.0

Manual Integrations

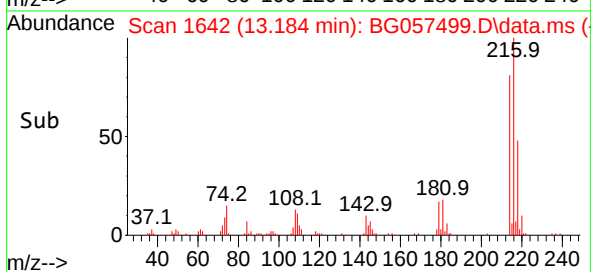
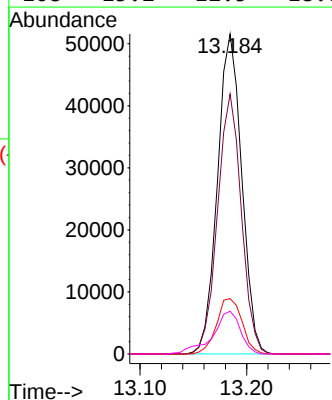
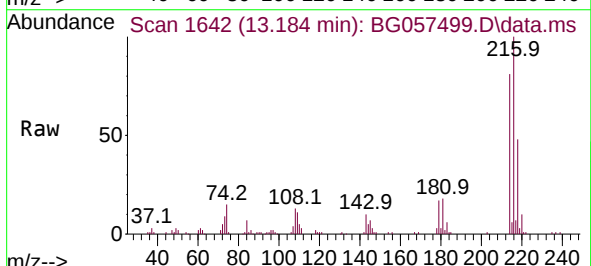
APPROVED

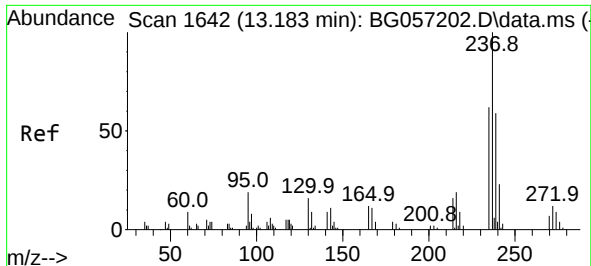
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.718 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

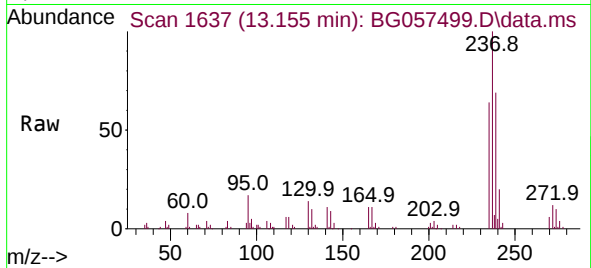
Tgt Ion:216 Resp: 81384
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 18.2 14.6 22.0
108 15.2 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 73.085 ng
RT: 13.155 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

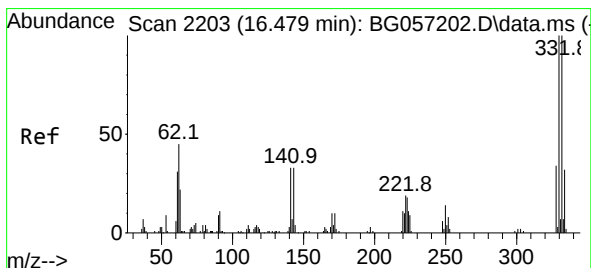
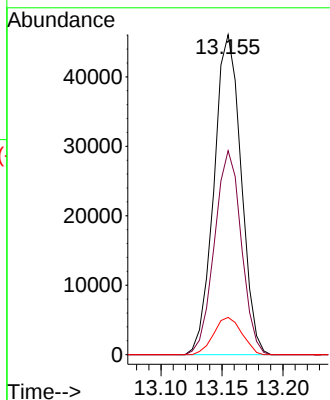
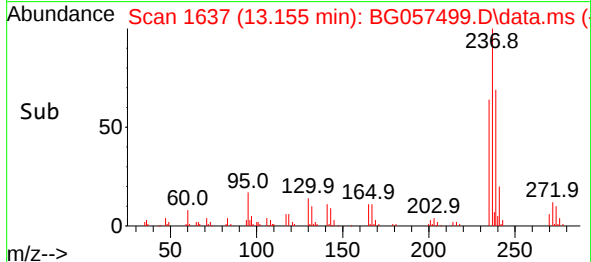
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



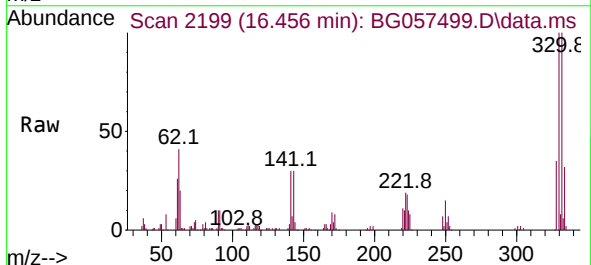
Tgt Ion:237 Resp: 71400
Ion Ratio Lower Upper
237 100
235 63.8 42.0 82.0
272 11.7 0.0 31.5

Manual Integrations
APPROVED

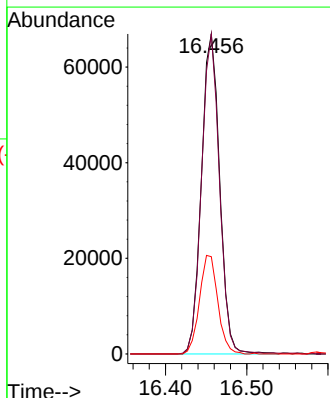
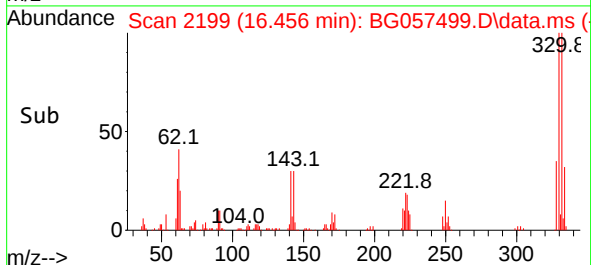
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

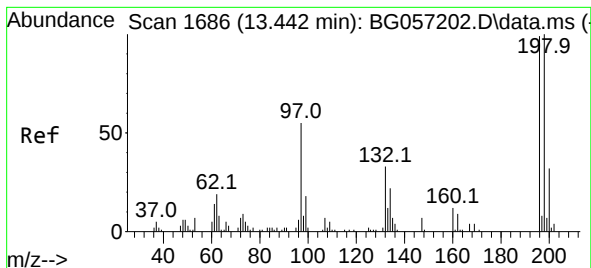


#42
2,4,6-Tribromophenol
Concen: 127.270 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:330 Resp: 104229
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.2
141 30.9 27.8 41.8





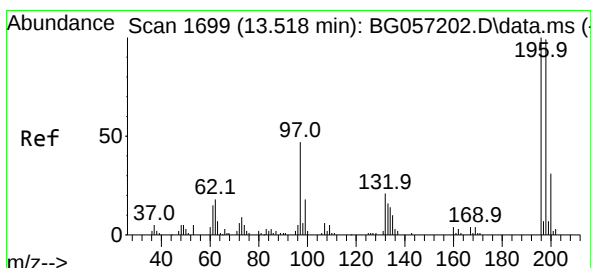
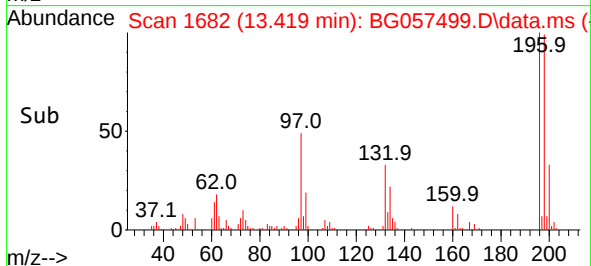
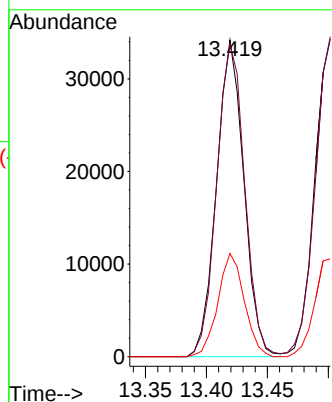
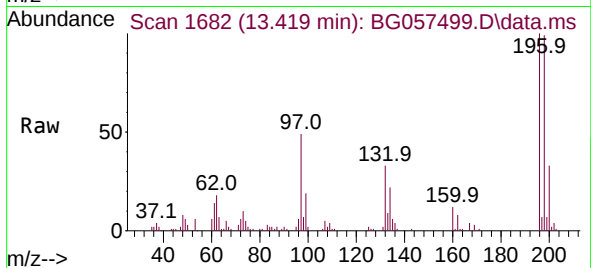
#43
2,4,6-Trichlorophenol
Concen: 42.660 ng
RT: 13.419 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD

Tgt Ion:196 Resp: 53254
Ion Ratio Lower Upper
196 100
198 98.7 81.2 121.8
200 32.6 26.3 39.5

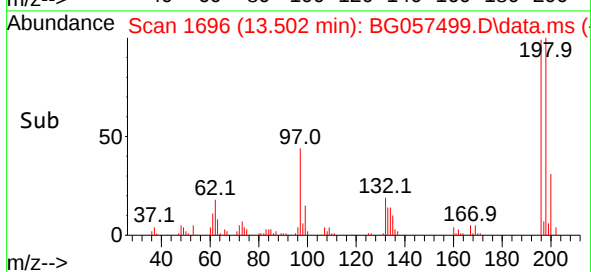
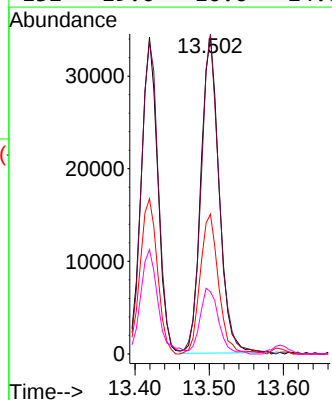
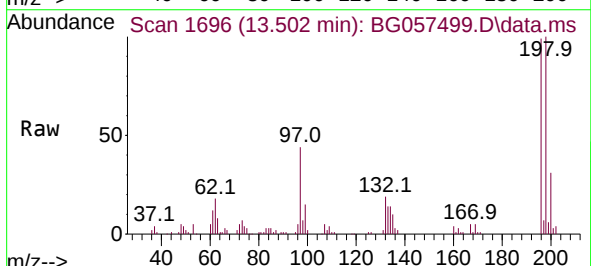
Manual Integrations
APPROVED

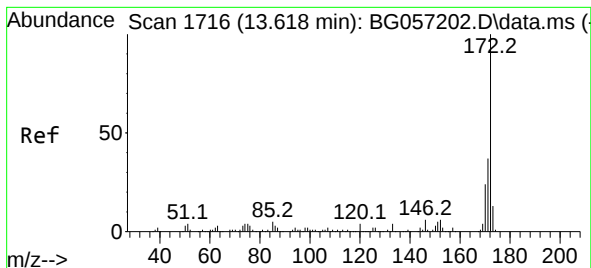
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#44
2,4,5-Trichlorophenol
Concen: 39.615 ng
RT: 13.502 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:196 Resp: 58171
Ion Ratio Lower Upper
196 100
198 100.7 79.4 119.2
97 44.0 37.0 55.4
132 19.6 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 76.074 ng

RT: 13.596 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

Tgt Ion:172 Resp: 32602

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

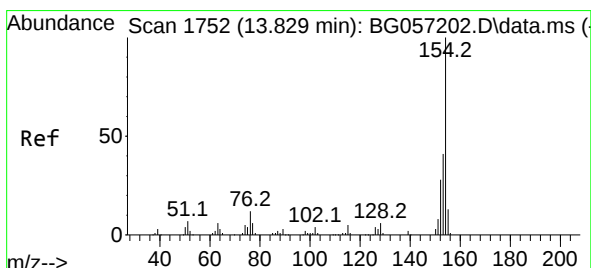
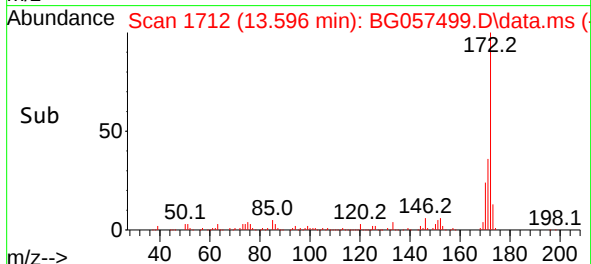
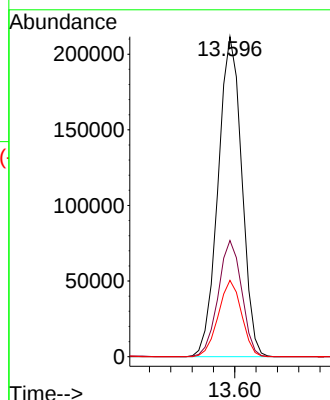
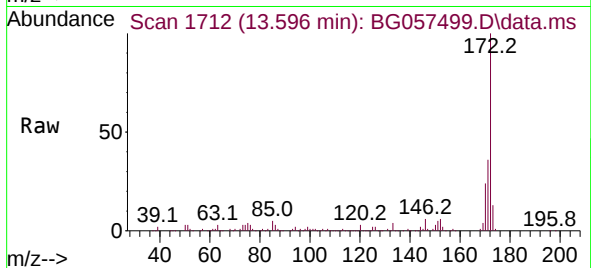
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#46

1,1'-Biphenyl

Concen: 39.713 ng

RT: 13.807 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

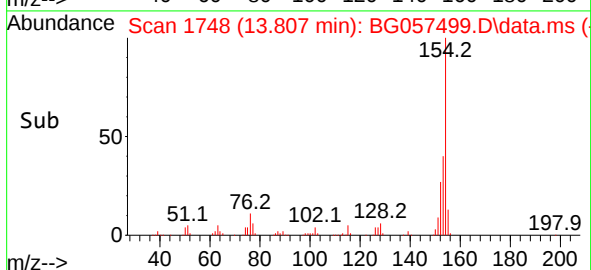
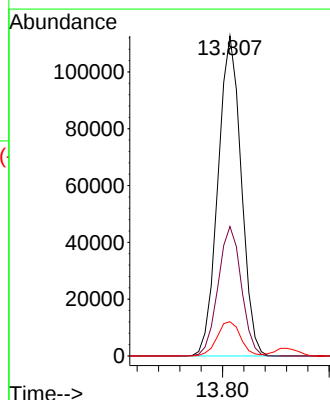
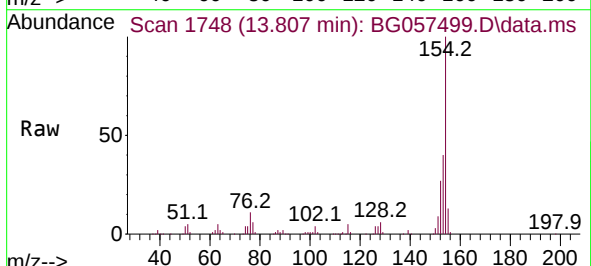
Tgt Ion:154 Resp: 170088

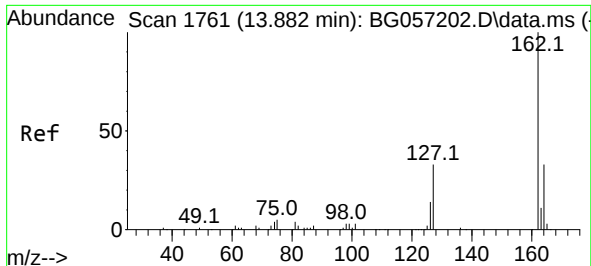
Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

76 10.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.165 ng

RT: 13.860 min Scan# 1757

Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

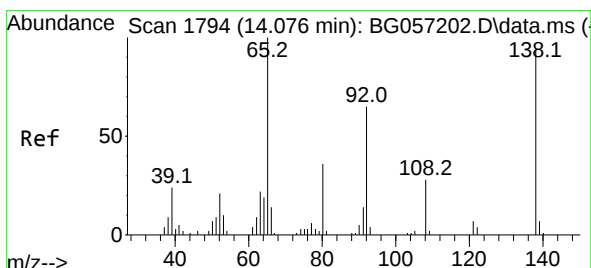
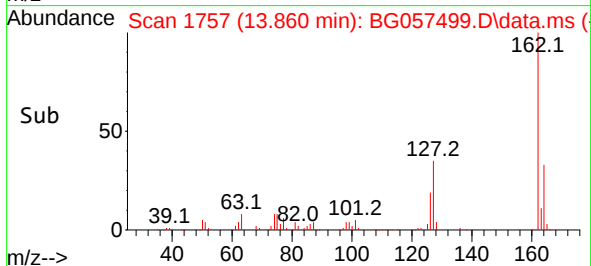
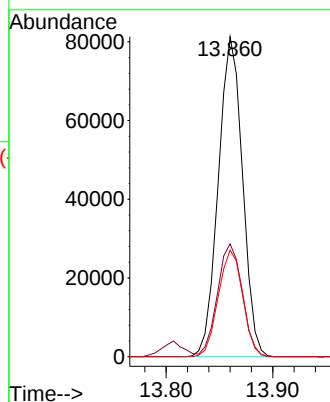
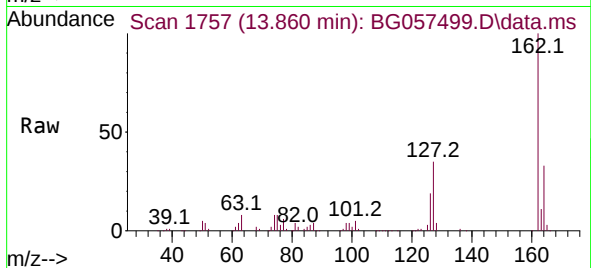
ETGI-289MSD

Tgt Ion:	162	Resp:	12792
Ion Ratio	Lower	Upper	
162	100		
127	35.2	29.8	44.6
164	33.3	26.6	40.0

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 40.977 ng

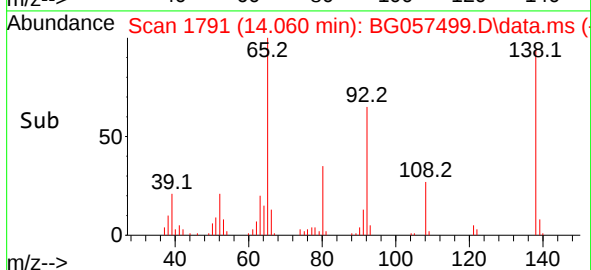
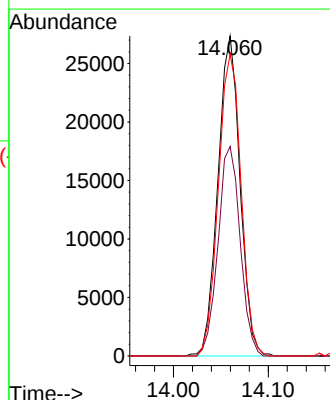
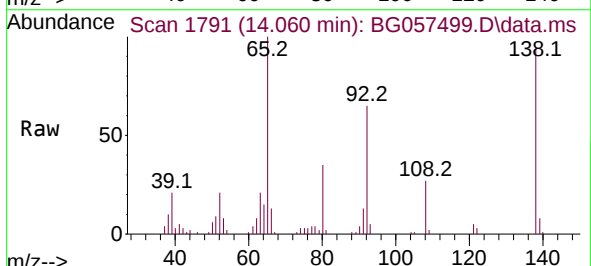
RT: 14.060 min Scan# 1791

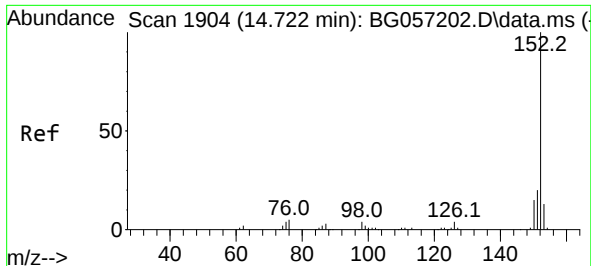
Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Tgt Ion:	65	Resp:	44374
Ion Ratio	Lower	Upper	
65	100		
92	65.5	52.1	78.1
138	94.3	75.3	112.9





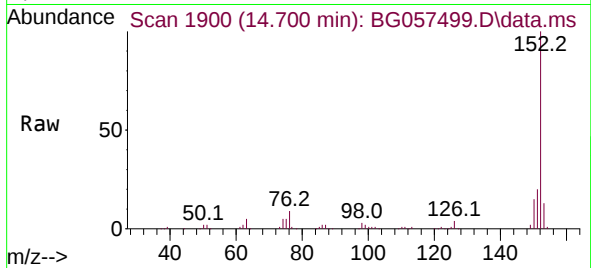
#49
Acenaphthylene
Concen: 39.539 ng
RT: 14.700 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

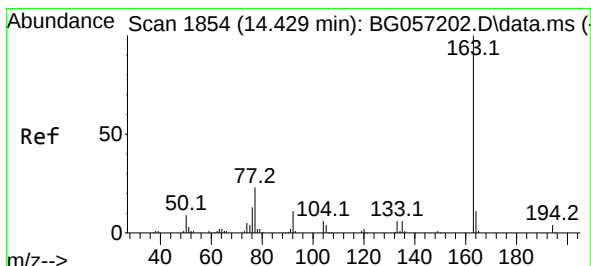
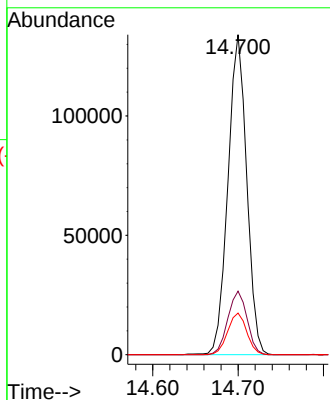
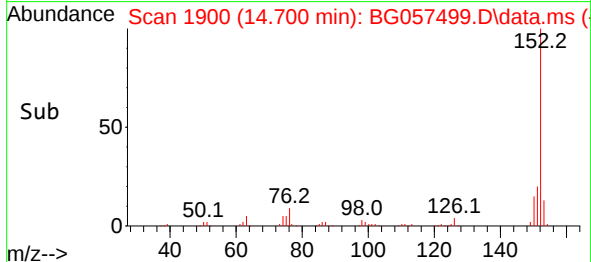


Tgt Ion:152 Resp: 20458
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.7 16.1

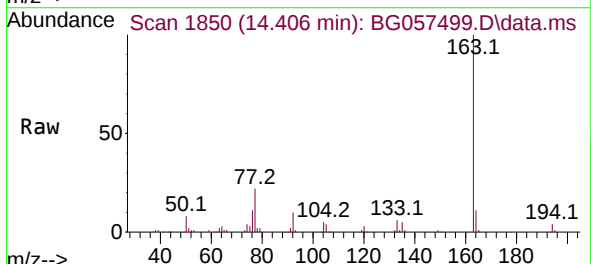
Manual Integrations

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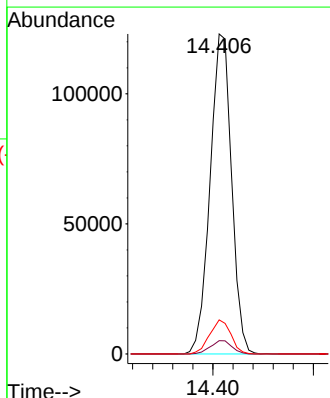
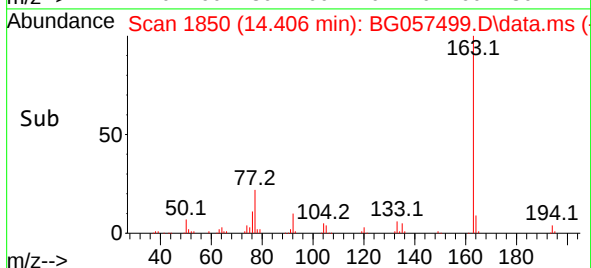
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

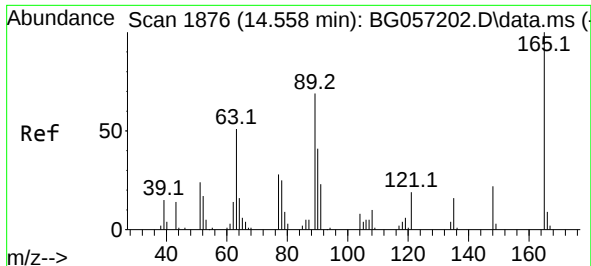


#50
Dimethylphthalate
Concen: 38.502 ng
RT: 14.406 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:163 Resp: 182613
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.6 8.8 13.2





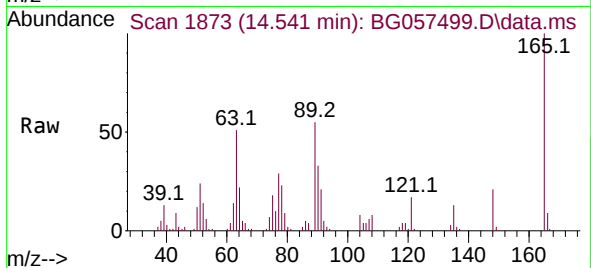
#51
2,6-Dinitrotoluene
Concen: 41.444 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

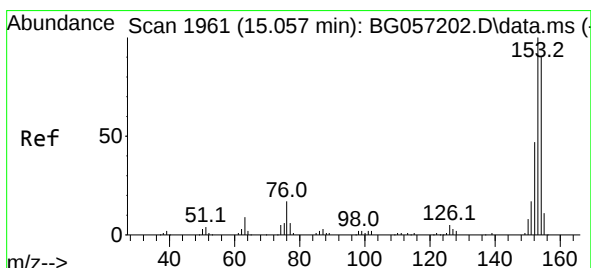
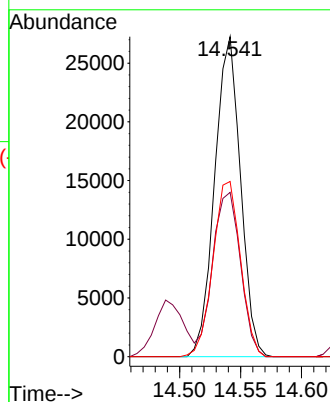
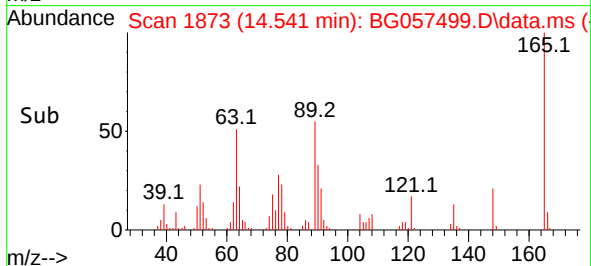


Tgt Ion:165 Resp: 40134
Ion Ratio Lower Upper
165 100
63 51.4 50.9 76.3
89 54.8 55.2 82.8

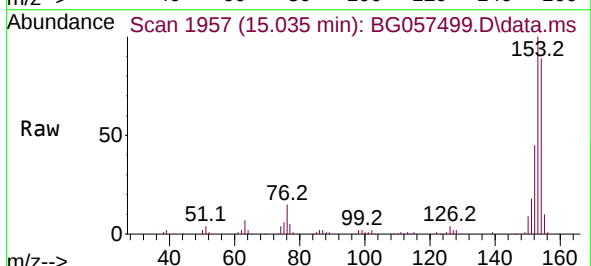
Manual Integrations

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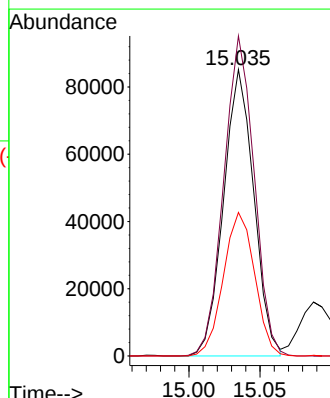
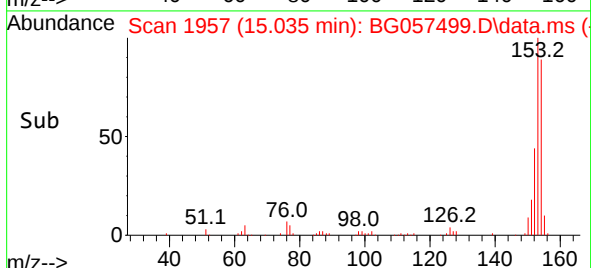
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

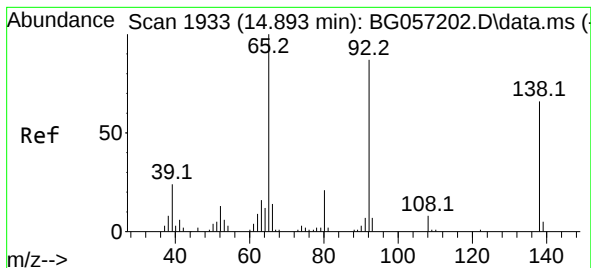


#52
Acenaphthene
Concen: 38.995 ng
RT: 15.035 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:154 Resp: 126080
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 50.1 41.7 62.5





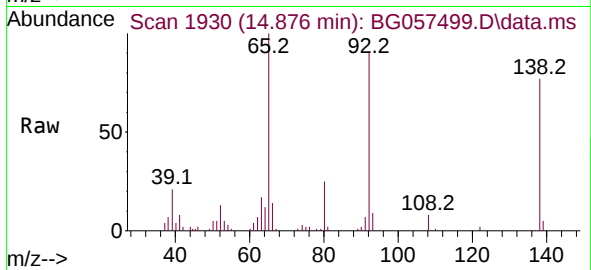
#53
3-Nitroaniline
Concen: 24.636 ng
RT: 14.876 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

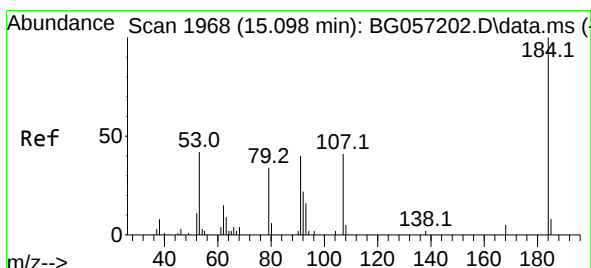
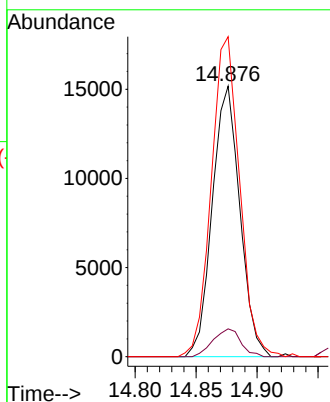
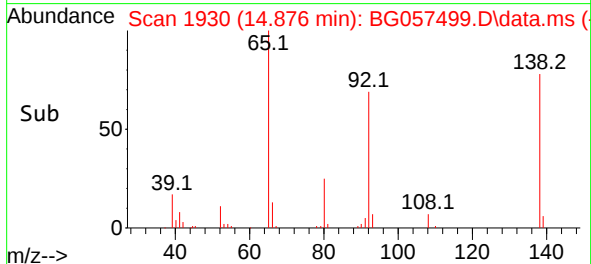


Tgt Ion:138 Resp: 2390
Ion Ratio Lower Upper
138 100
108 10.3 9.5 14.3
92 118.3 106.2 159.4

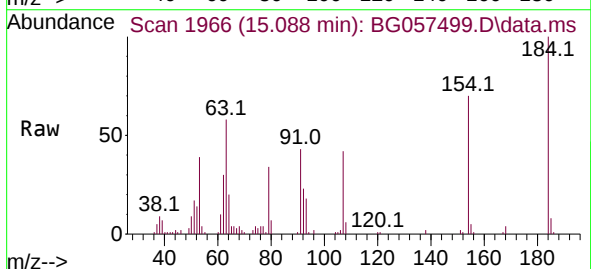
Manual Integrations

APPROVED

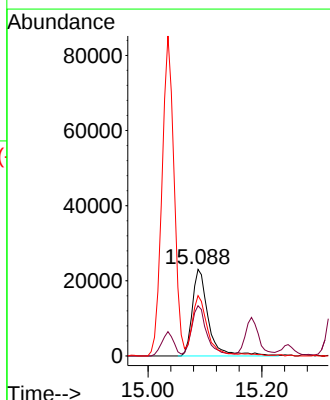
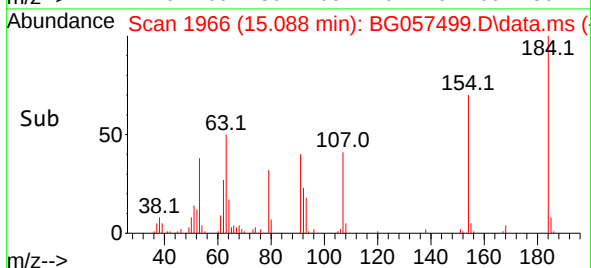
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

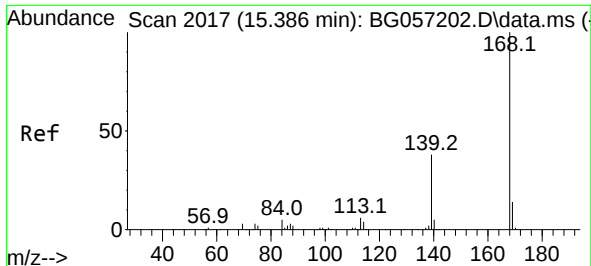


#54
2,4-Dinitrophenol
Concen: 75.763 ng
RT: 15.088 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



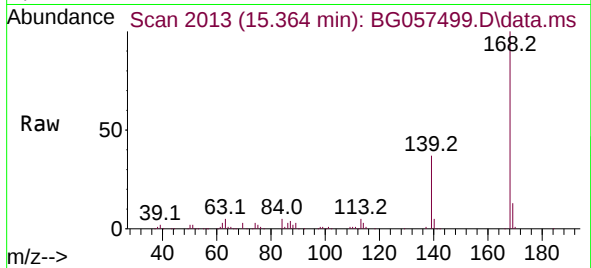
Tgt Ion:184 Resp: 45270
Ion Ratio Lower Upper
184 100
63 58.0 48.2 72.4
154 69.6 55.4 83.2





#55
Dibenzenofuran
Concen: 38.261 ng
RT: 15.364 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

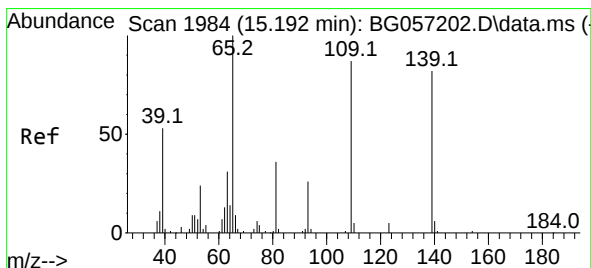
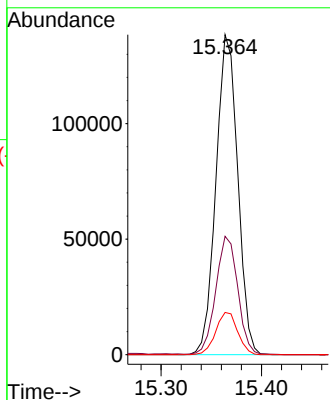
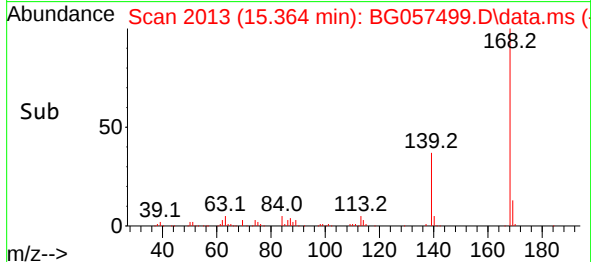
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



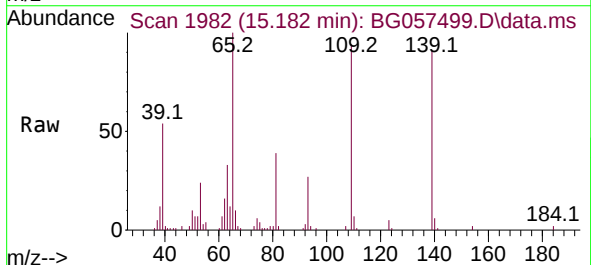
Tgt Ion:168 Resp: 207849
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1
169 13.2 10.9 16.3

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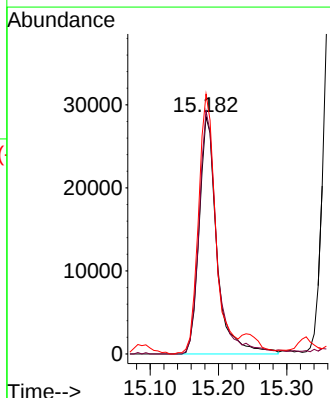
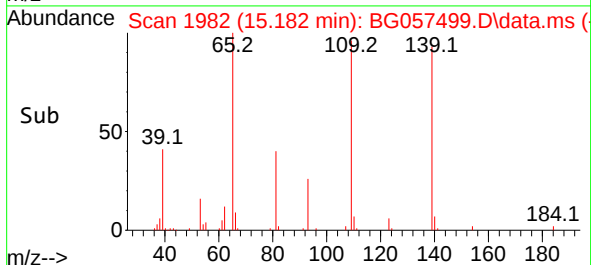
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

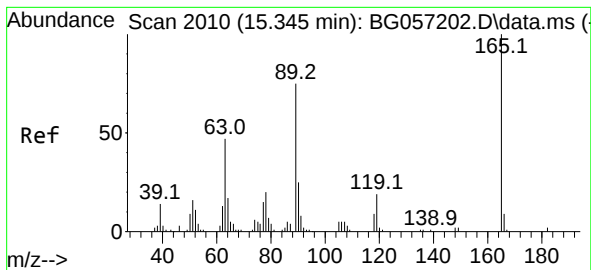


#56
4-Nitrophenol
Concen: 80.149 ng
RT: 15.182 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:139 Resp: 51716
Ion Ratio Lower Upper
139 100
109 102.4 86.6 126.6
65 109.5 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 41.114 ng
RT: 15.329 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

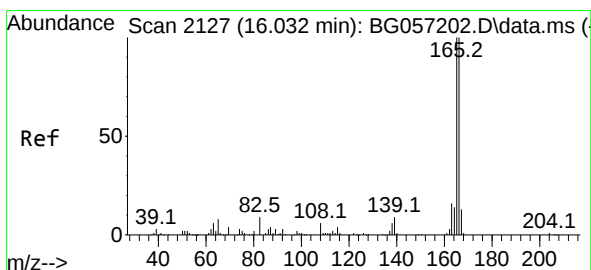
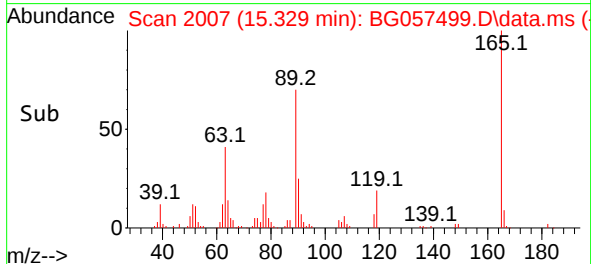
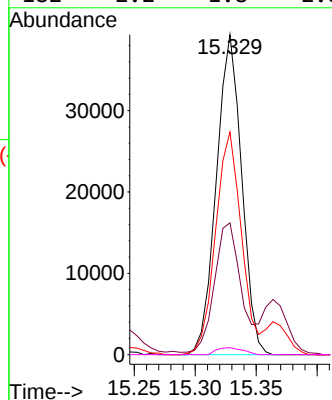
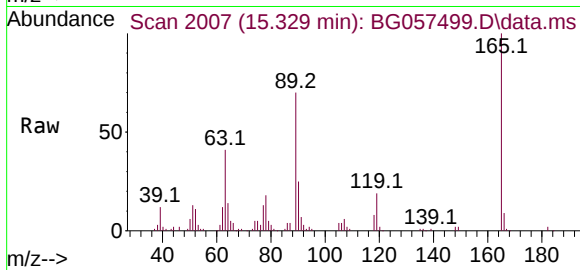
ClientSampleId :

ETGI-289MSD

Tgt Ion:165 Resp: 56902
Ion Ratio Lower Upper
165 100
63 41.2 37.5 56.3
89 69.6 60.2 90.4
182 2.2 1.8 2.8

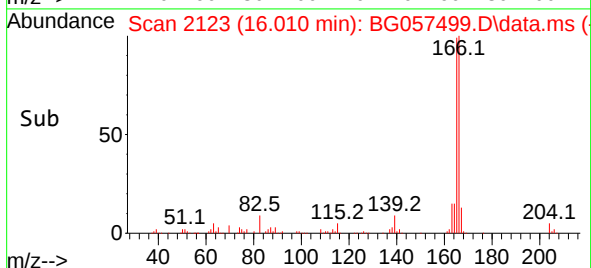
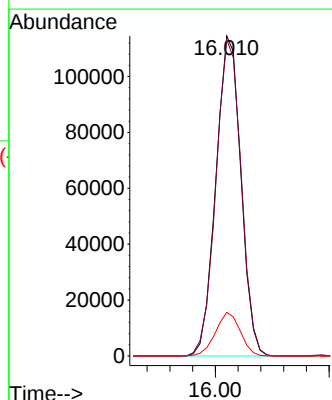
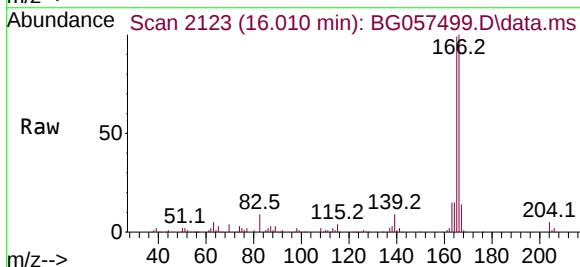
Manual Integrations
APPROVED

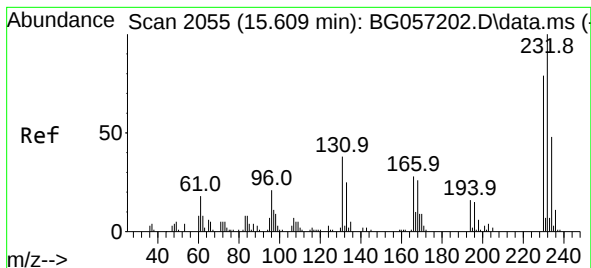
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#58
Fluorene
Concen: 39.010 ng
RT: 16.010 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:166 Resp: 174557
Ion Ratio Lower Upper
166 100
165 98.9 80.1 120.1
167 13.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.867 ng
RT: 15.593 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

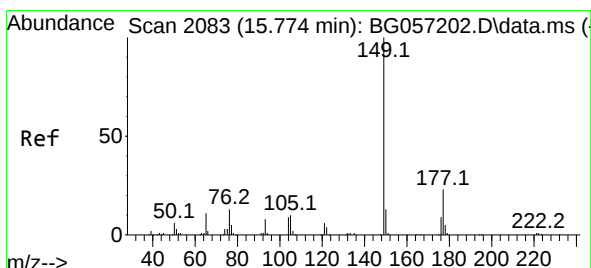
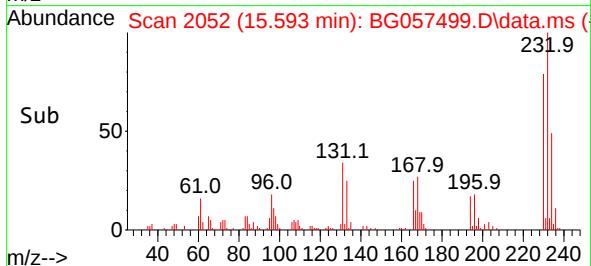
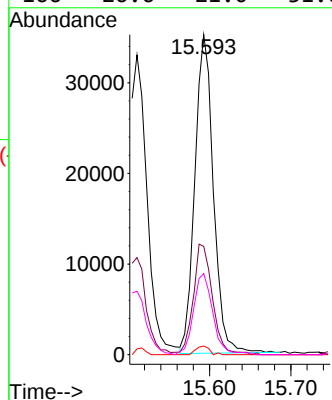
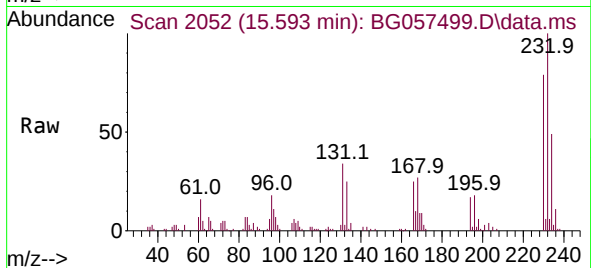
ETGI-289MSD

Tgt Ion:232 Resp: 55738
Ion Ratio Lower Upper
232 100
131 36.1 28.6 42.8
130 2.0 1.6 2.4
166 26.6 21.0 31.6

Manual Integrations

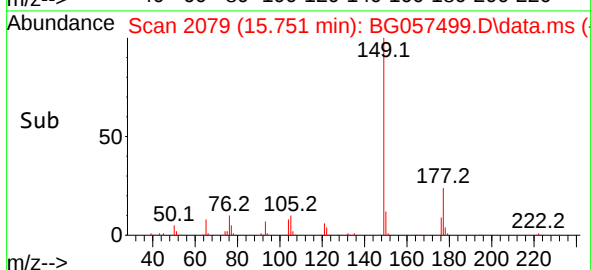
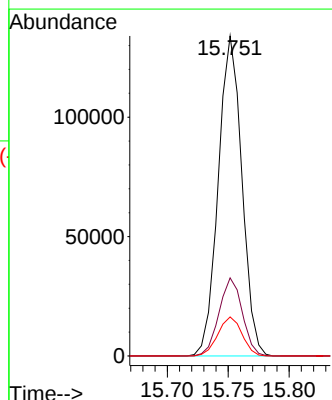
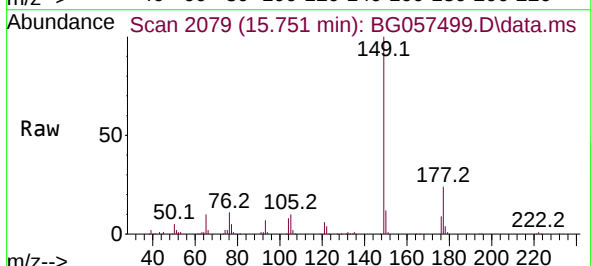
APPROVED

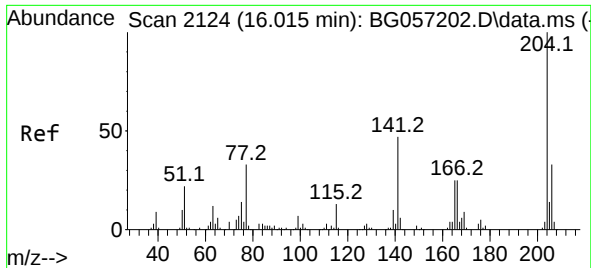
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#60
Diethylphthalate
Concen: 37.521 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:149 Resp: 180730
Ion Ratio Lower Upper
149 100
177 24.4 18.3 27.5
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.986 ng
RT: 15.986 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

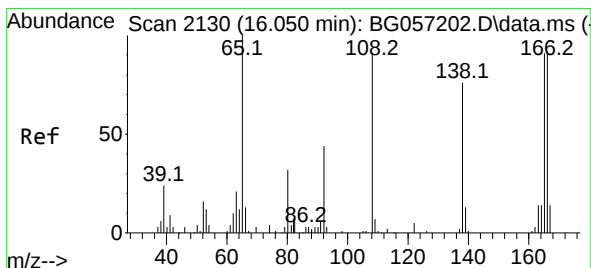
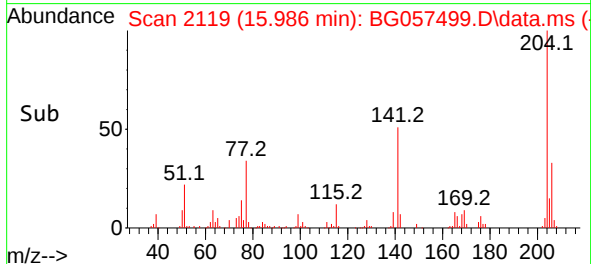
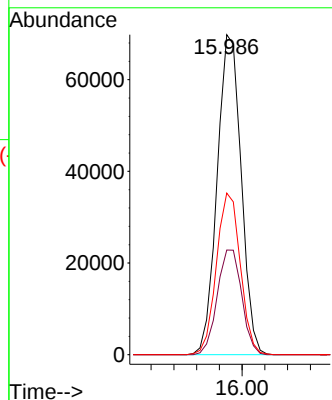
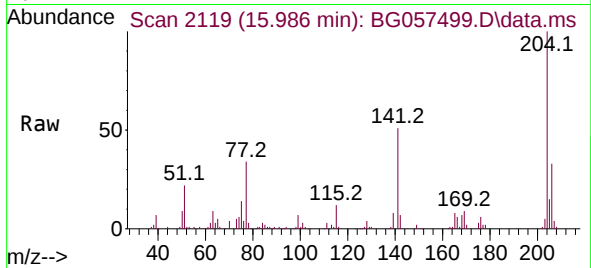
ETGI-289MSD

Tgt Ion:204 Resp: 102395
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 50.5 37.4 56.0

Manual Integrations

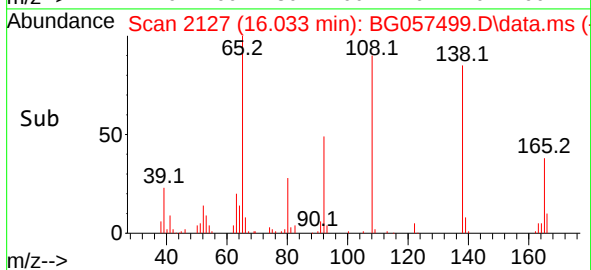
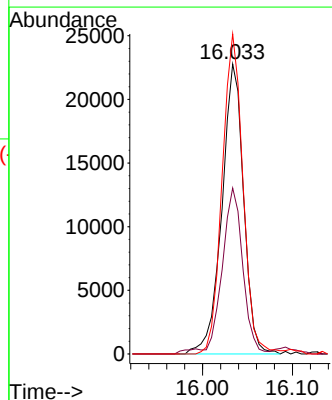
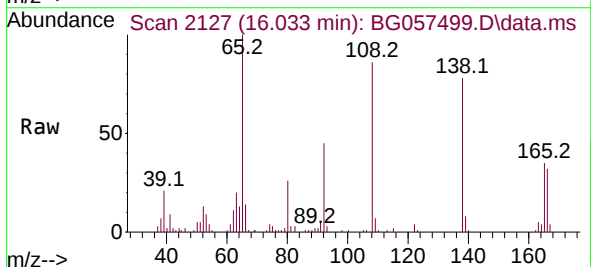
APPROVED

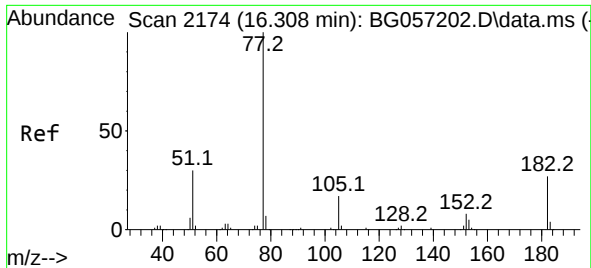
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#62
4-Nitroaniline
Concen: 39.120 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:138 Resp: 38288
Ion Ratio Lower Upper
138 100
92 57.3 38.2 78.2
108 110.4 99.6 139.6





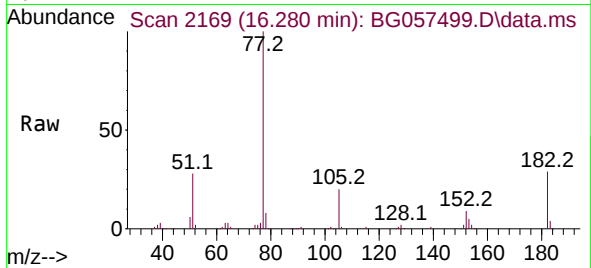
#63
Azobenzene
Concen: 35.041 ng
RT: 16.280 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

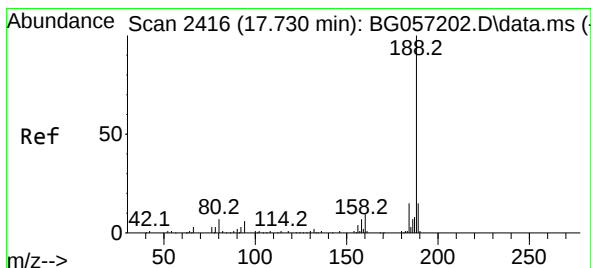
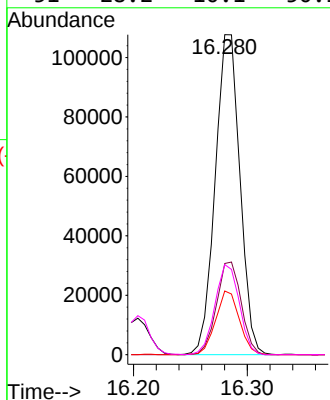
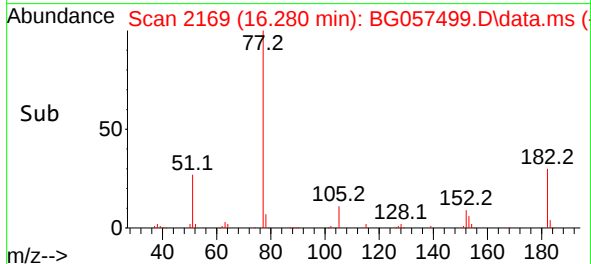


Tgt Ion: 77 Resp: 162849
Ion Ratio Lower Upper
77 100
182 28.5 7.4 47.4
105 19.9 0.0 37.2
51 28.2 10.1 50.1

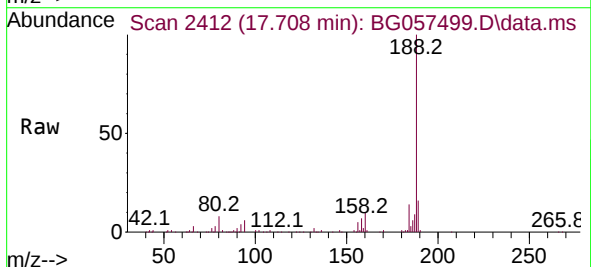
Manual Integrations

APPROVED

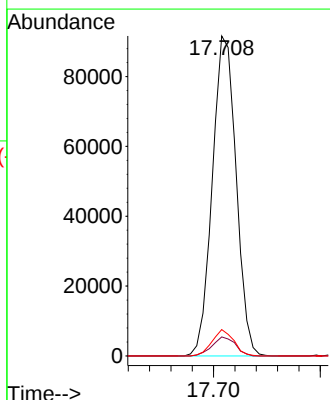
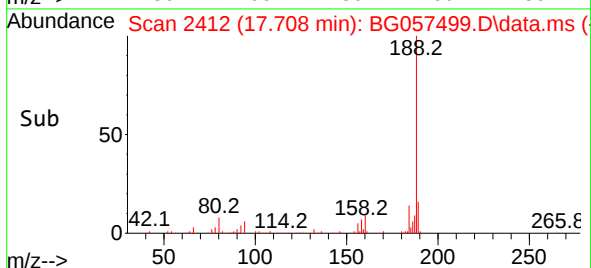
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

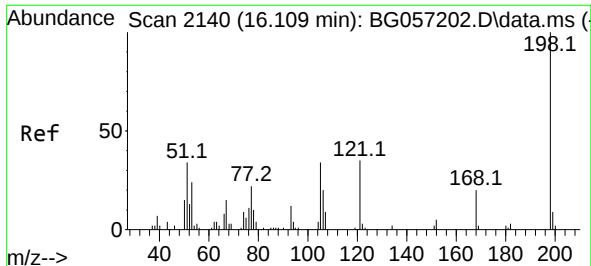


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.708 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:188 Resp: 141796
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 8.3 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 44.400 ng
RT: 16.092 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

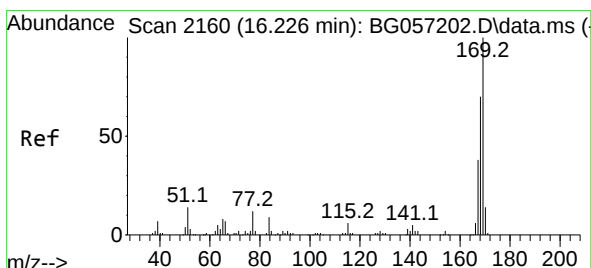
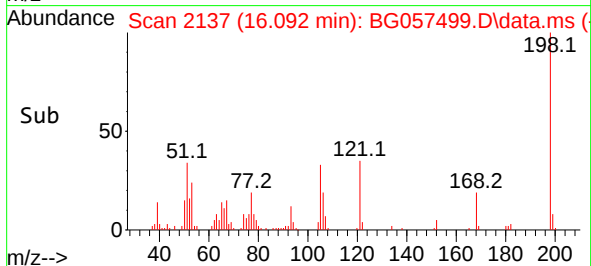
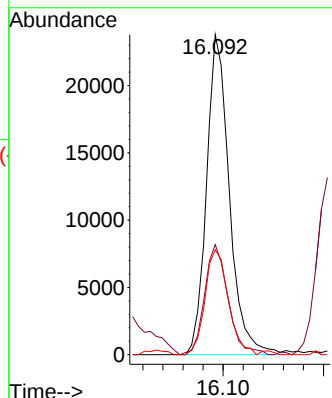
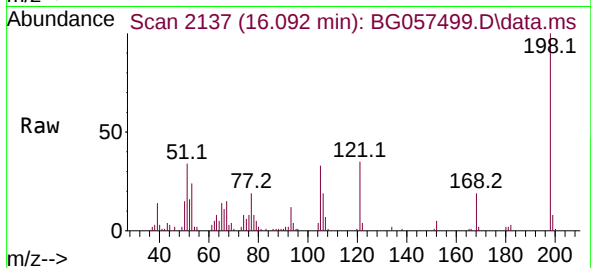
ETGI-289MSD

Tgt Ion:198 Resp: 37588
Ion Ratio Lower Upper
198 100
51 34.4 16.1 56.1
105 32.8 14.0 54.0

Manual Integrations

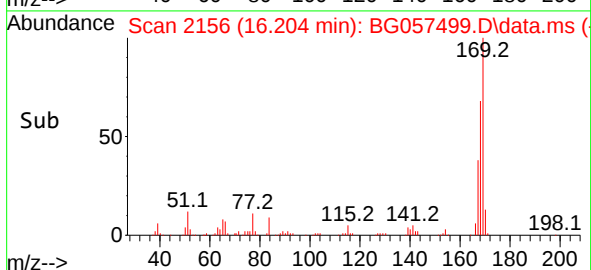
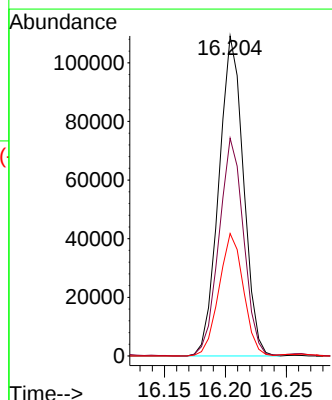
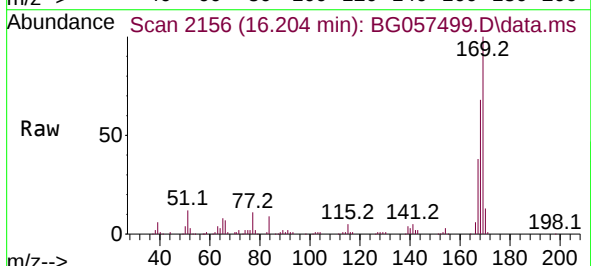
APPROVED

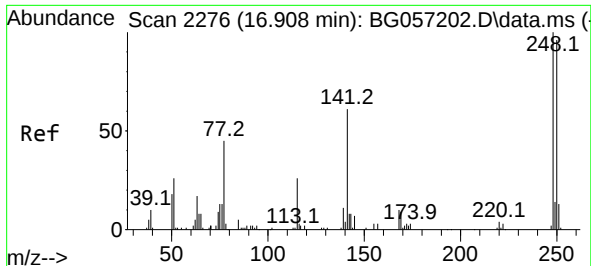
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#66
n-Nitrosodiphenylamine
Concen: 39.866 ng
RT: 16.204 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:169 Resp: 153533
Ion Ratio Lower Upper
169 100
168 68.0 56.2 84.4
167 38.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 39.177 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

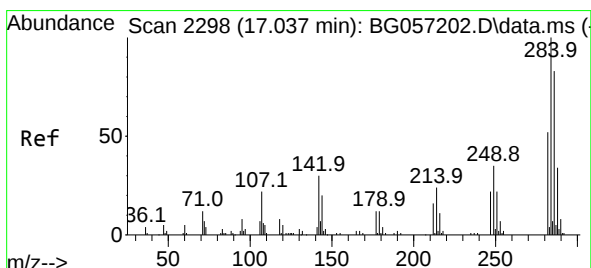
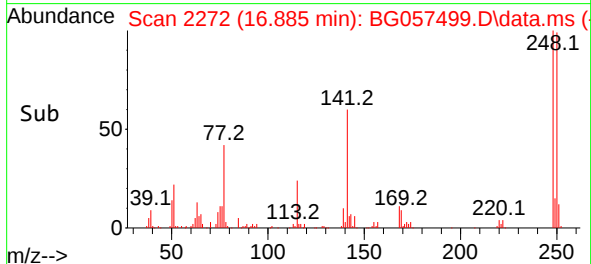
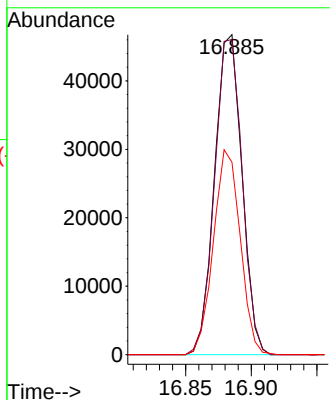
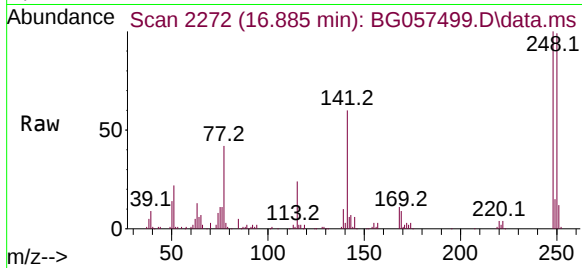
ETGI-289MSD

Tgt Ion:248 Resp: 67815
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.6
141 60.1 48.6 72.8

Manual Integrations

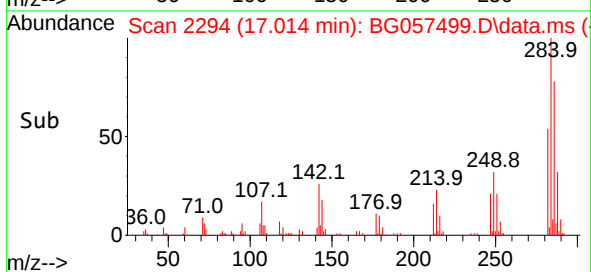
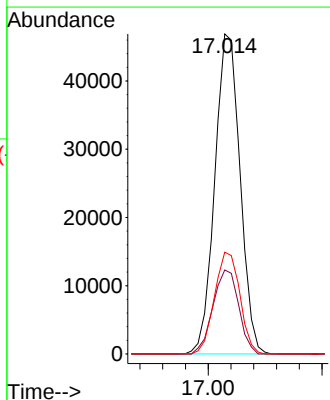
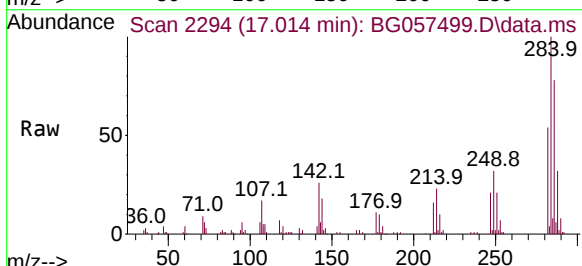
APPROVED

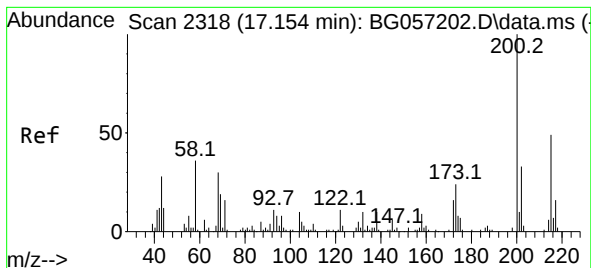
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#68
Hexachlorobenzene
Concen: 42.994 ng
RT: 17.014 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:284 Resp: 72321
Ion Ratio Lower Upper
284 100
142 26.2 23.9 35.9
249 31.8 27.7 41.5





#69

Atrazine

Concen: 47.351 ng

RT: 17.138 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

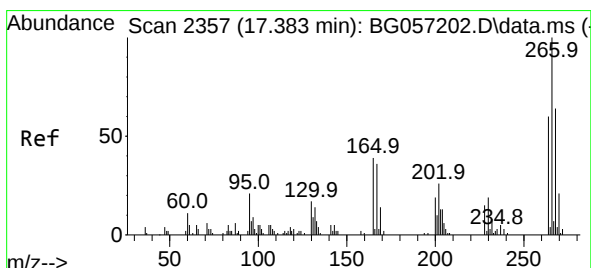
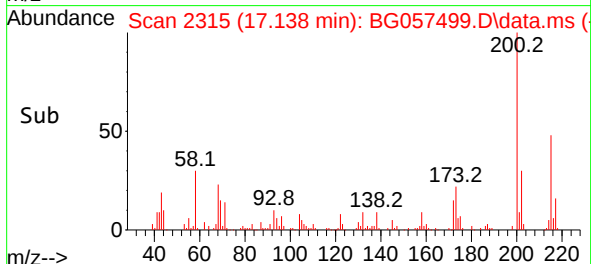
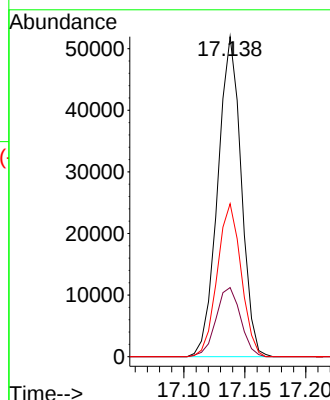
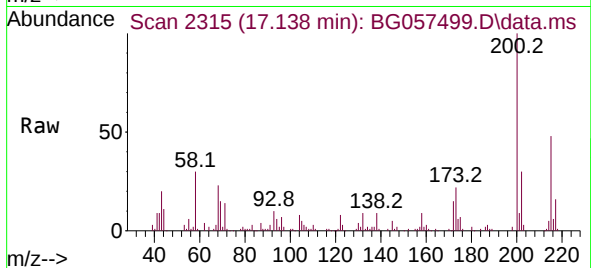
ETGI-289MSD

Tgt Ion:200 Resp: 6956
 Ion Ratio Lower Upper
 200 100
 173 21.6 4.3 44.3
 215 47.8 29.3 69.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 72.561 ng

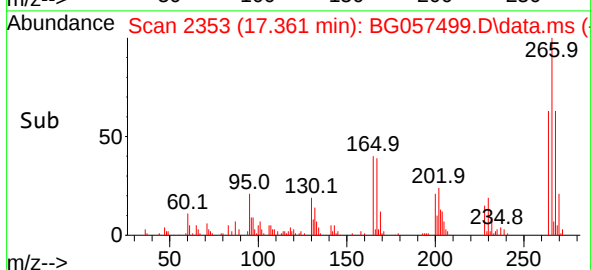
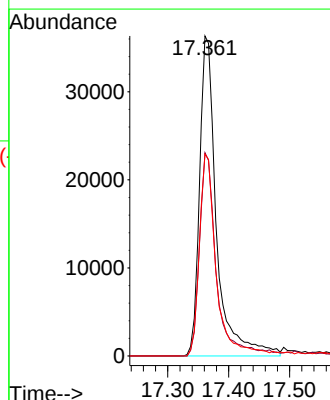
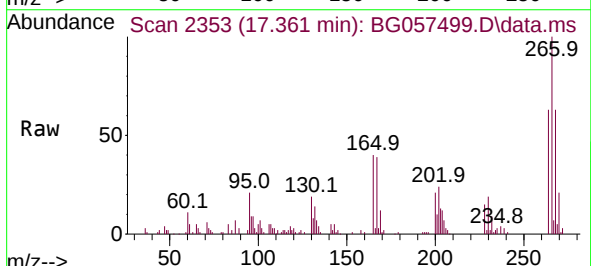
RT: 17.361 min Scan# 2353

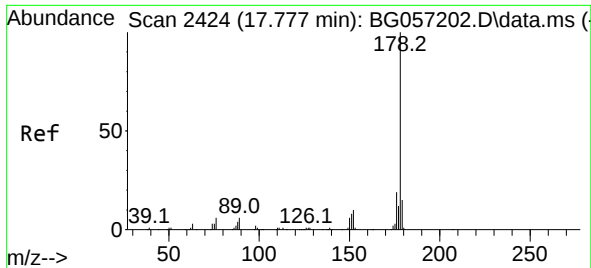
Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Tgt Ion:266 Resp: 70343
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 63.1 47.8 71.6





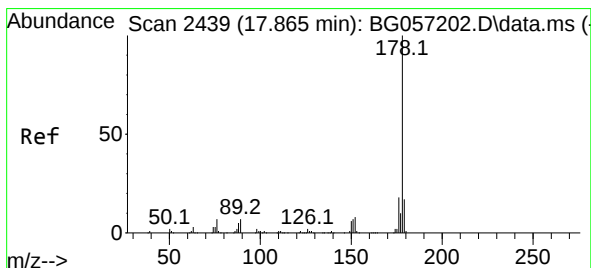
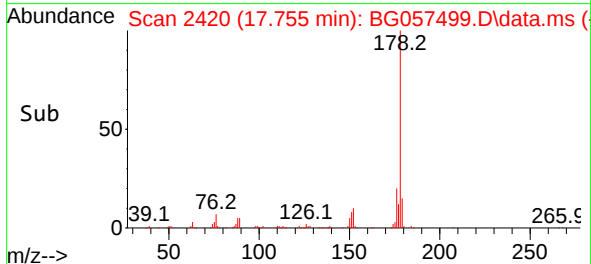
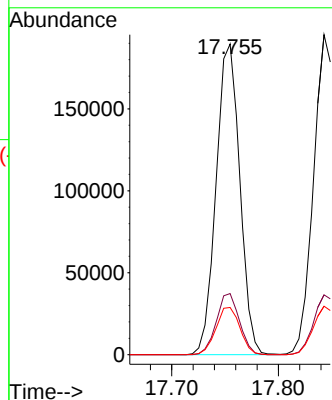
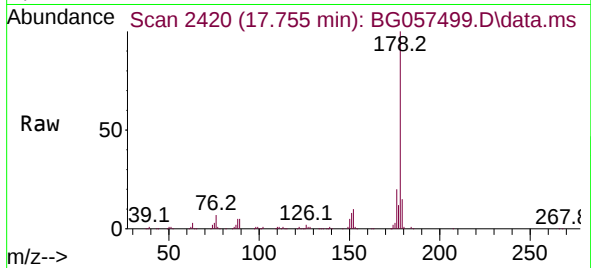
#71
Phenanthrene
Concen: 40.225 ng
RT: 17.755 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD

Tgt Ion:178 Resp: 29227
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.2 12.3 18.5

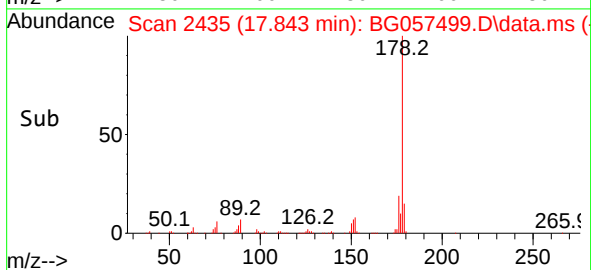
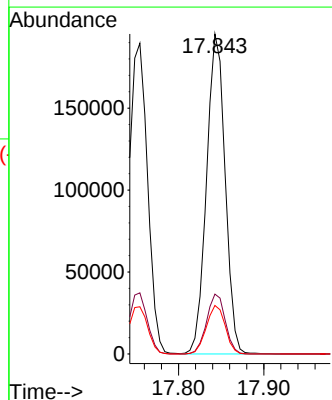
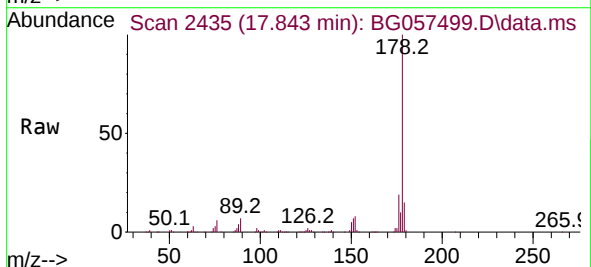
Manual Integrations
APPROVED

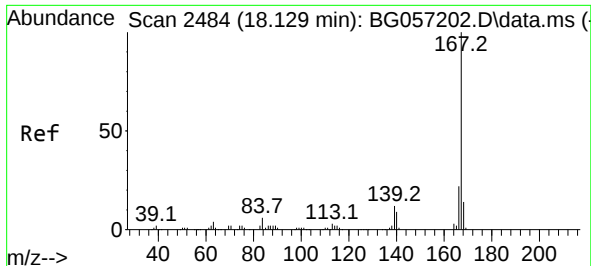
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#72
Anthracene
Concen: 39.767 ng
RT: 17.843 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:178 Resp: 296478
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 13.2 19.8





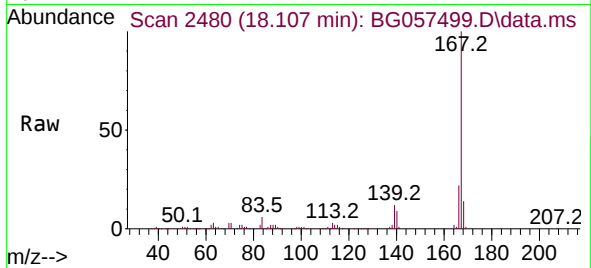
#73
Carbazole
Concen: 42.310 ng
RT: 18.107 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

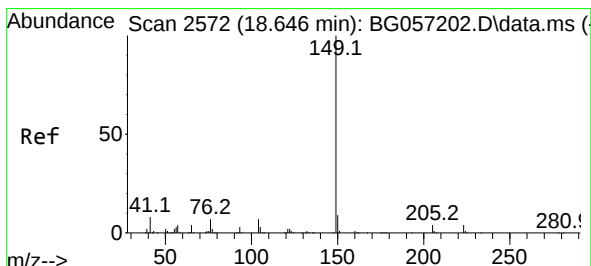
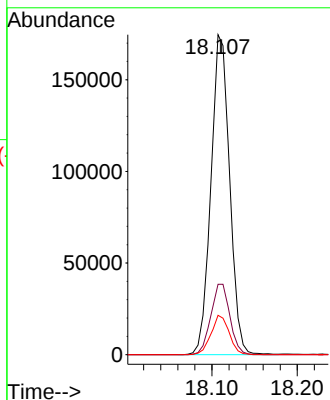
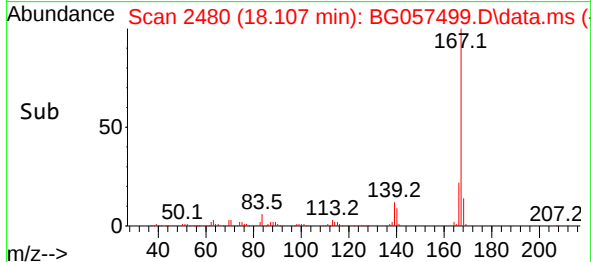


Tgt Ion:167 Resp: 26555
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.0
139 12.3 9.6 14.4

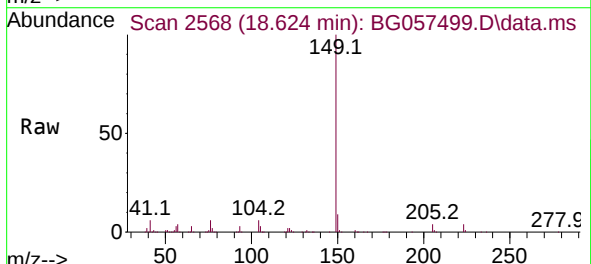
Manual Integrations

APPROVED

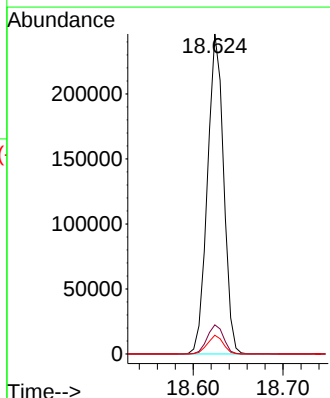
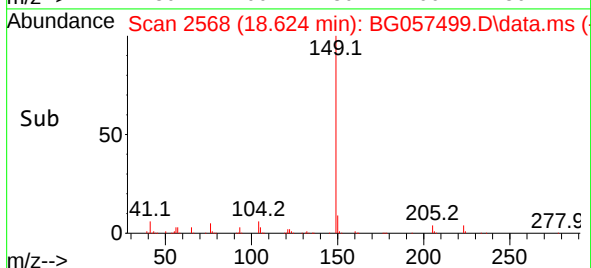
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

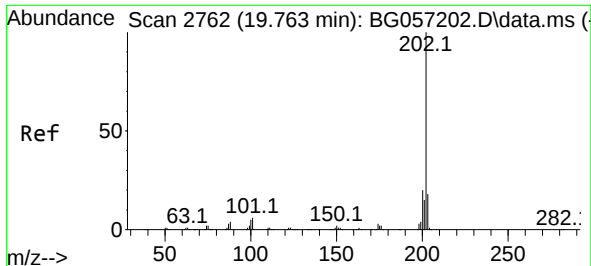


#74
Di-n-butylphthalate
Concen: 42.592 ng
RT: 18.624 min Scan# 2568
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



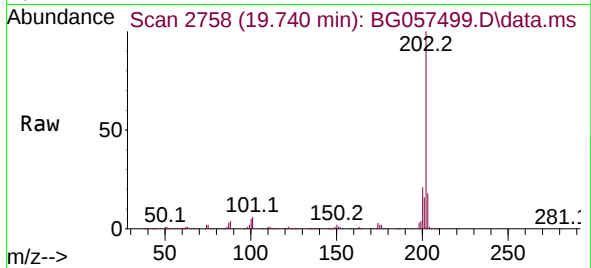
Tgt Ion:149 Resp: 307574
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 39.827 ng
RT: 19.740 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

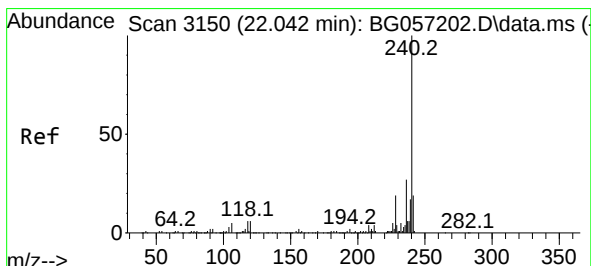
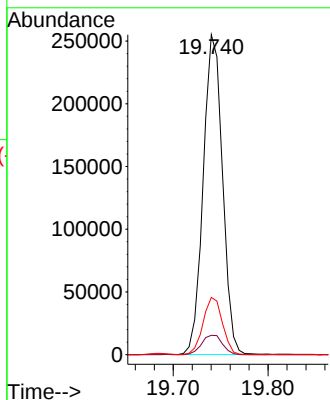
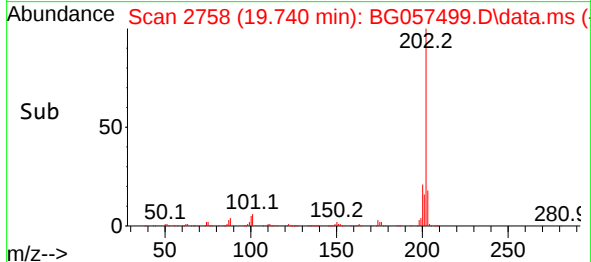
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



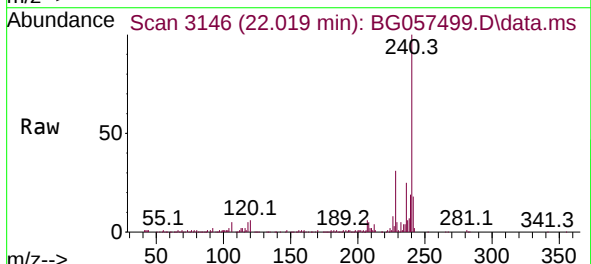
Tgt Ion:202 Resp: 359915
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.2
203 17.9 0.0 37.9

Manual Integrations
APPROVED

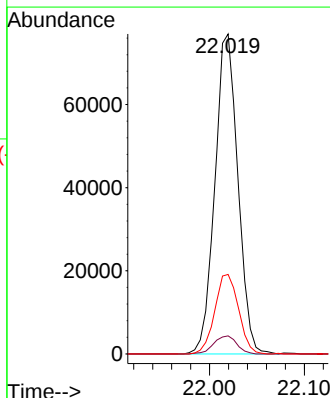
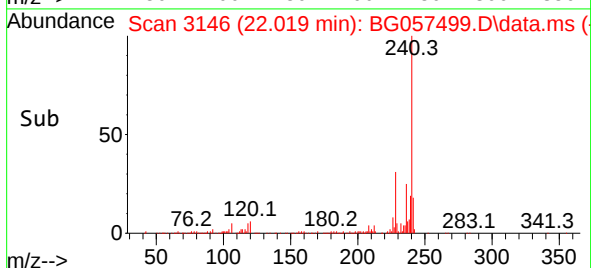
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

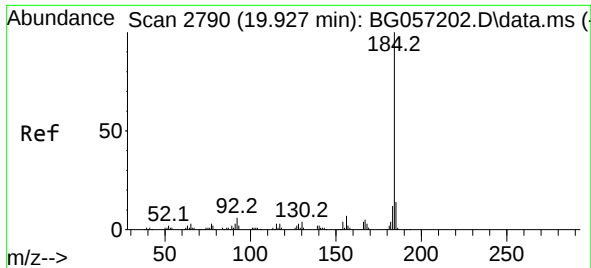


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



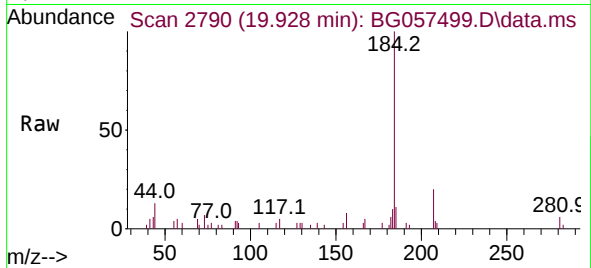
Tgt Ion:240 Resp: 129652
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 24.9 21.4 32.2





#77
Benzidine
Concen: 14.435 ng m
RT: 19.928 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

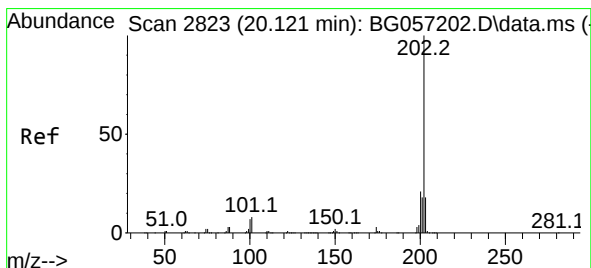
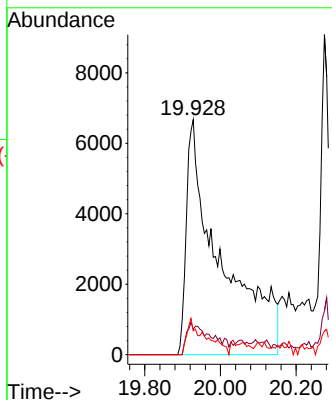
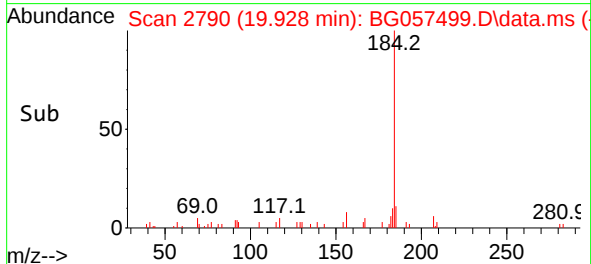
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



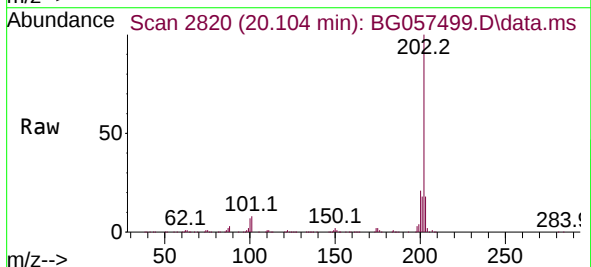
Tgt Ion:184 Resp: 4184
Ion Ratio Lower Upper
184 100
185 10.8 11.1 16.7
183 10.2 9.9 14.9

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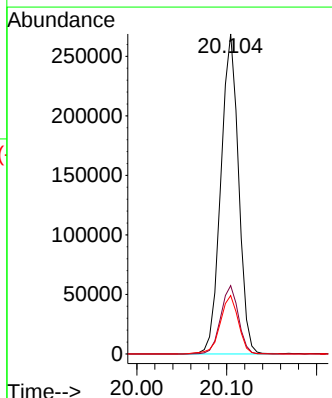
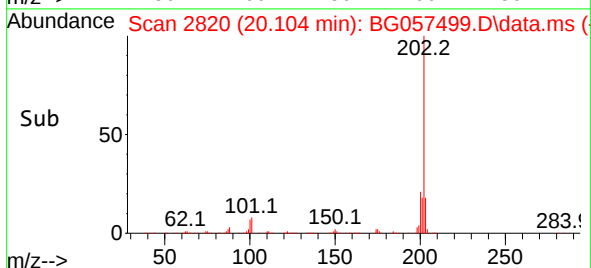
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

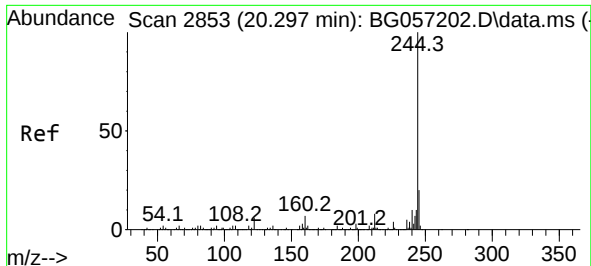


#78
Pyrene
Concen: 39.003 ng
RT: 20.104 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40



Tgt Ion:202 Resp: 367461
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.2 14.2 21.4





#79
Terphenyl-d14
Concen: 82.571 ng
RT: 20.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

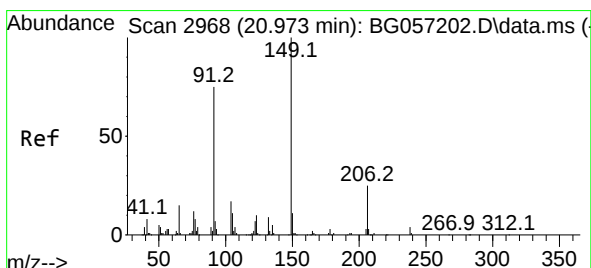
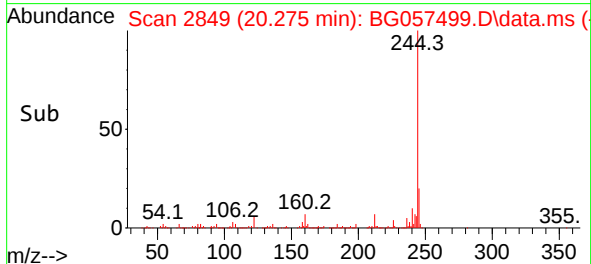
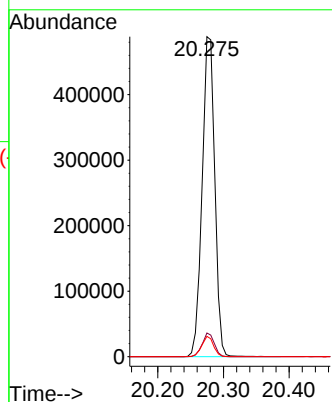
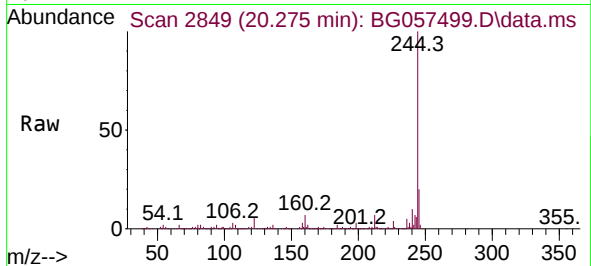
ETGI-289MSD

Tgt Ion:244 Resp: 656000
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.4 5.1 7.7

Manual Integrations

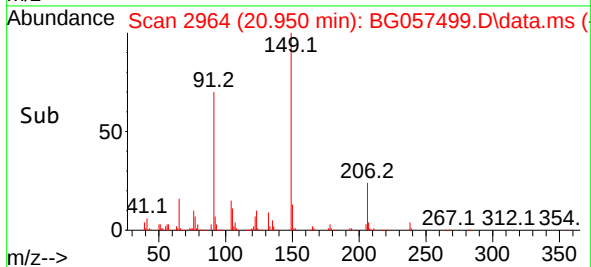
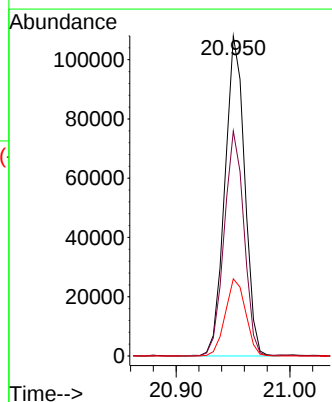
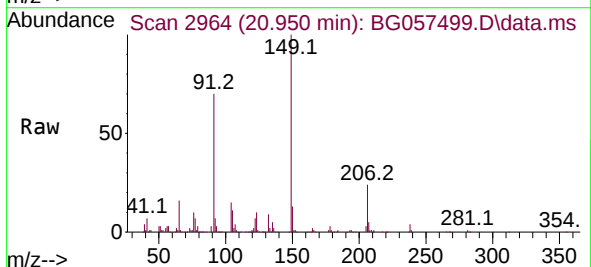
APPROVED

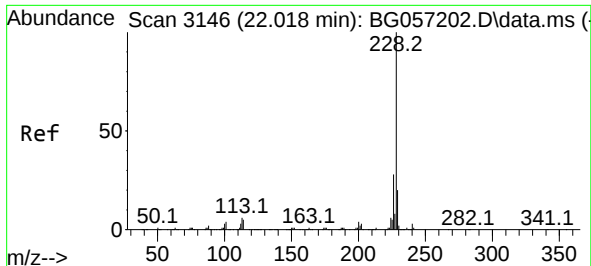
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#80
Butylbenzylphthalate
Concen: 43.799 ng
RT: 20.950 min Scan# 2964
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

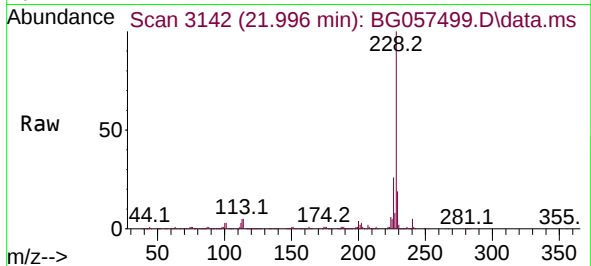
Tgt Ion:149 Resp: 130930
Ion Ratio Lower Upper
149 100
91 70.3 59.7 89.5
206 24.1 19.7 29.5





#81
Benzo(a)anthracene
Concen: 39.704 ng
RT: 21.996 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

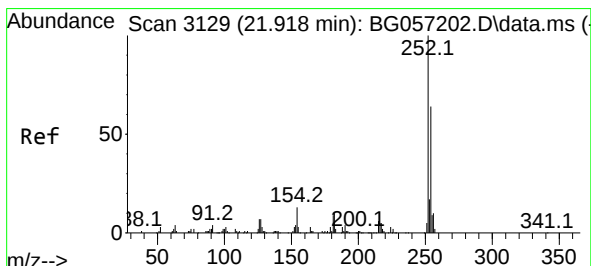
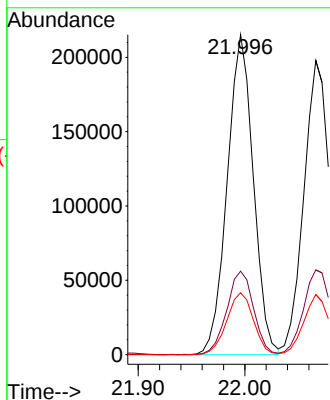
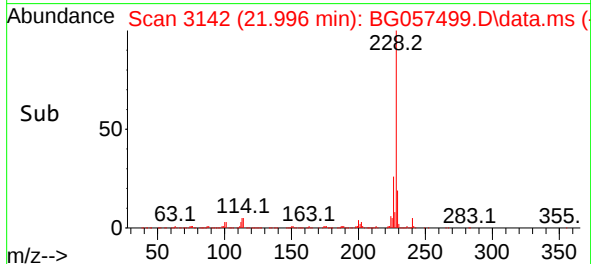
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



Tgt Ion:228 Resp: 36675
Ion Ratio Lower Upper
228 100
226 26.1 22.0 33.0
229 19.3 15.8 23.8

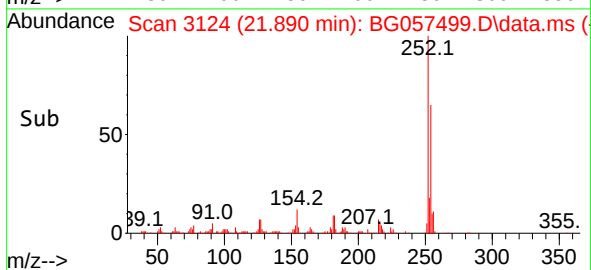
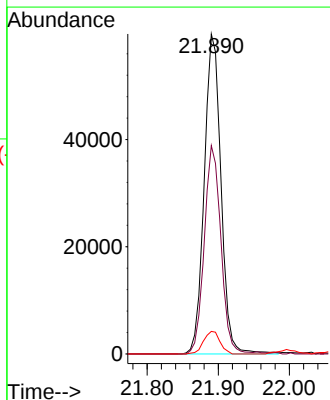
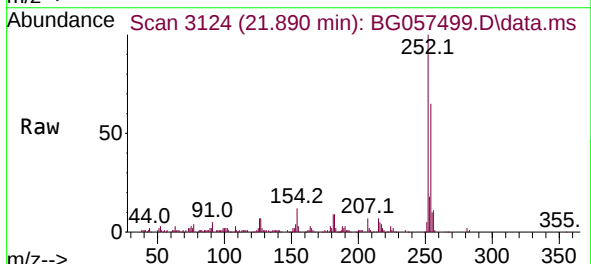
Manual Integrations
APPROVED

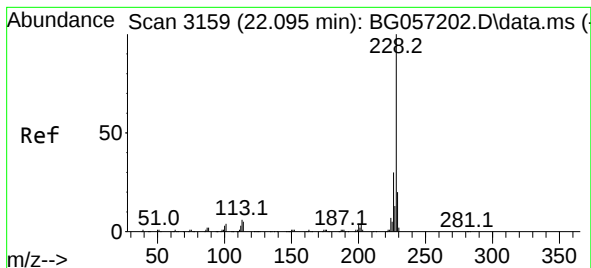
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.170 ng
RT: 21.890 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:252 Resp: 98141
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 7.1 5.9 8.9





#83

Chrysene

Concen: 38.254 ng

RT: 22.066 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

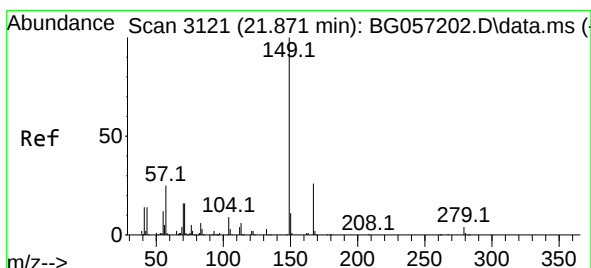
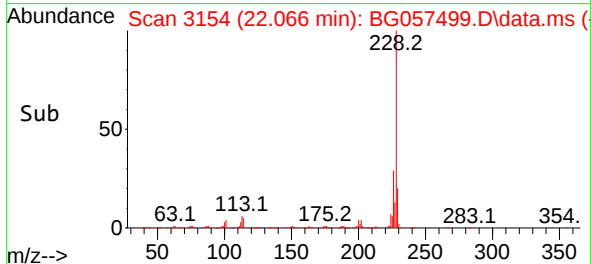
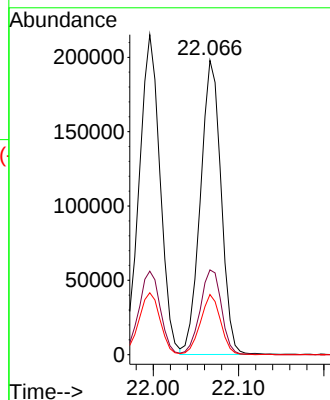
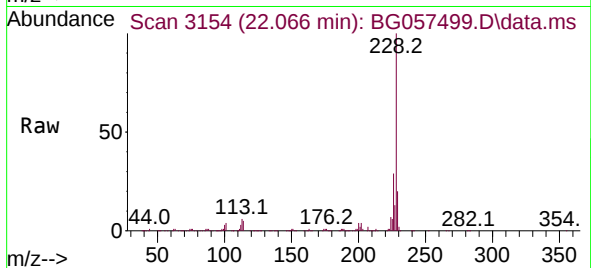
ETGI-289MSD

Tgt Ion:228 Resp: 33247
 Ion Ratio Lower Upper
 228 100
 226 28.8 24.3 36.5
 229 20.4 15.9 23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.128 ng

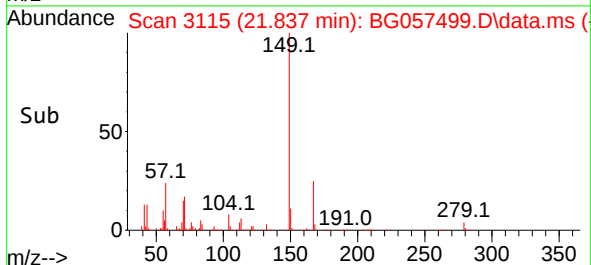
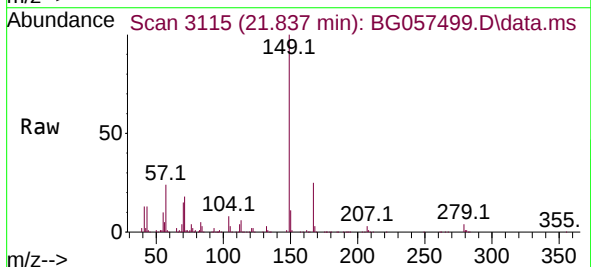
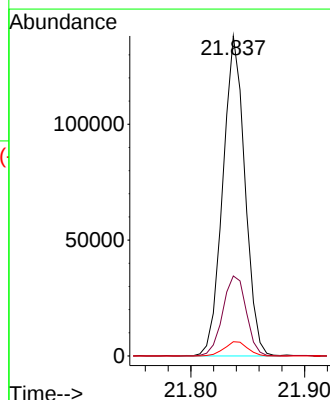
RT: 21.837 min Scan# 3115

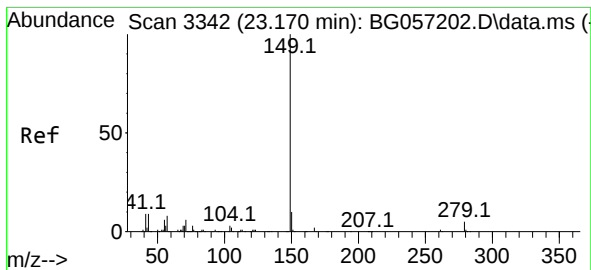
Delta R.T. -0.006 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Tgt Ion:149 Resp: 186325
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.2 31.8
 279 4.5 3.5 5.3





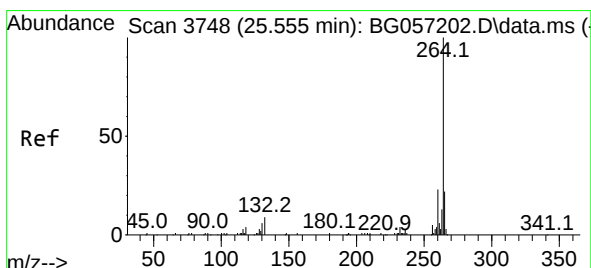
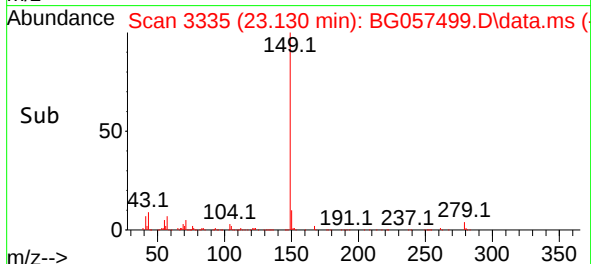
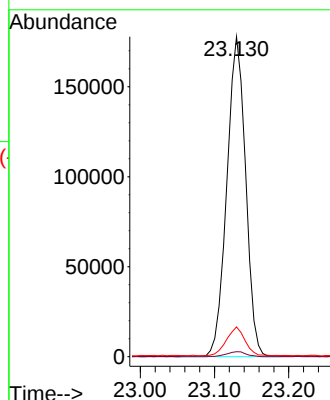
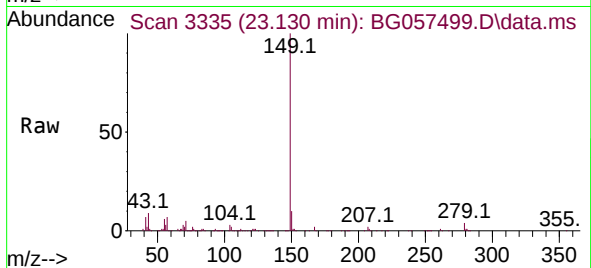
#85
Di-n-octyl phthalate
Concen: 42.441 ng
RT: 23.130 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD

Tgt Ion:149 Resp: 31294
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.8 11.8

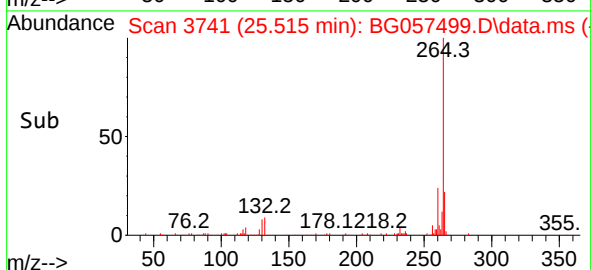
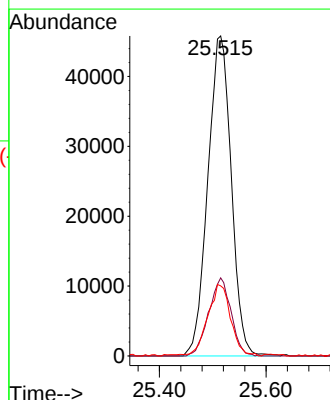
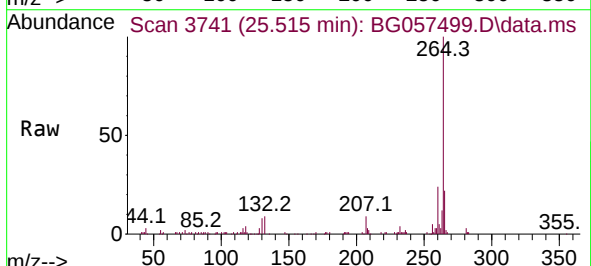
Manual Integrations
APPROVED

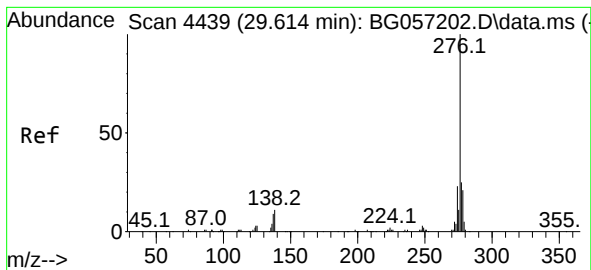
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.515 min Scan# 3741
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:264 Resp: 139609
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.262 ng

RT: 29.562 min Scan# 4439

Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

Tgt Ion:276 Resp: 399484

Ion Ratio Lower Upper

276 100

138 7.1 5.4 8.0

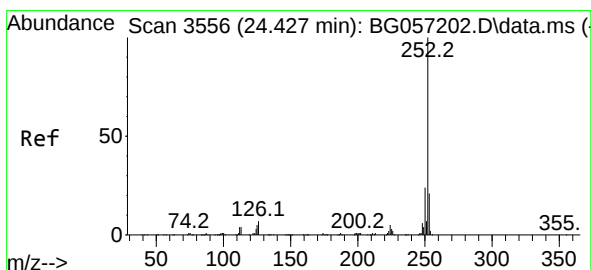
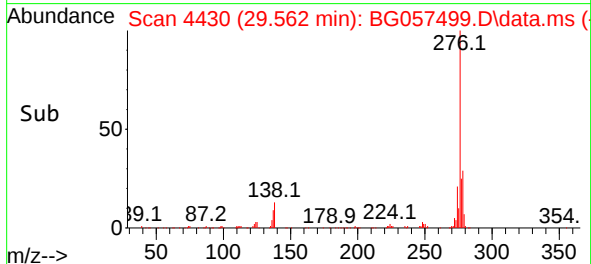
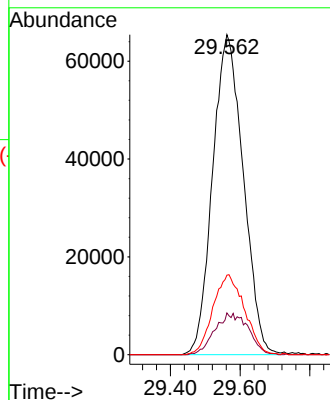
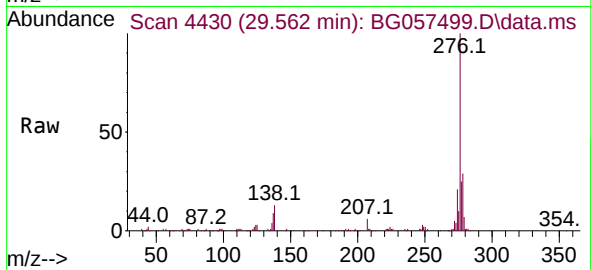
277 25.7 20.6 30.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#88

Benzo(b)fluoranthene

Concen: 40.333 ng

RT: 24.393 min Scan# 3550

Delta R.T. -0.000 min

Lab File: BG057499.D

Acq: 22 May 2023 18:40

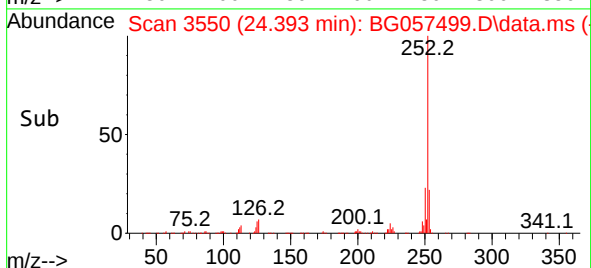
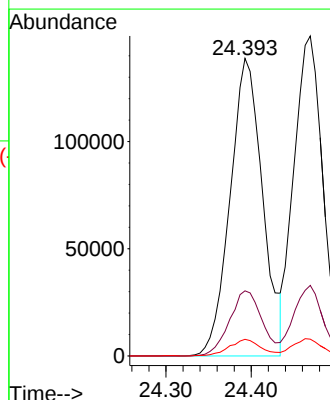
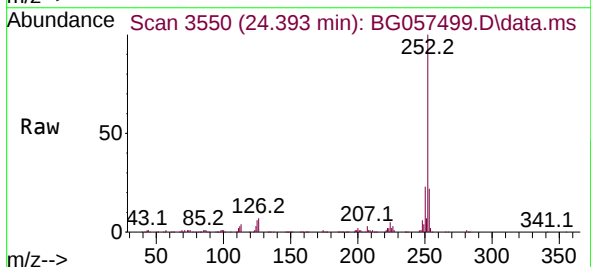
Tgt Ion:252 Resp: 368084

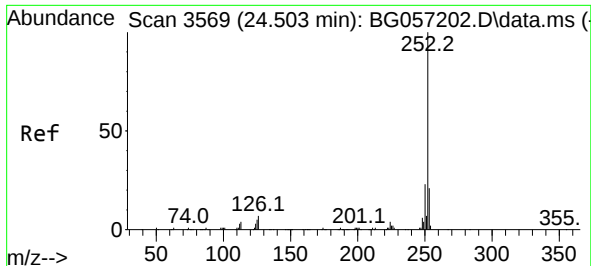
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

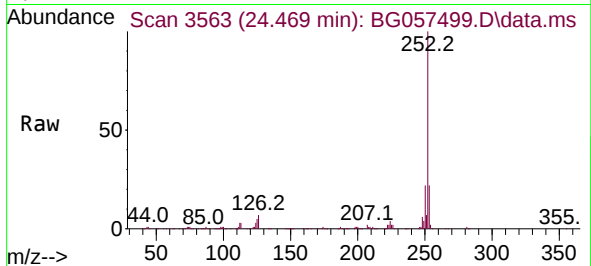
125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 37.763 ng
RT: 24.469 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

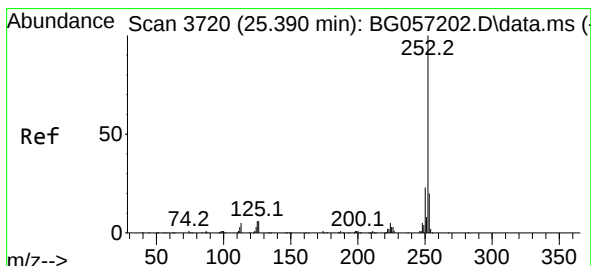
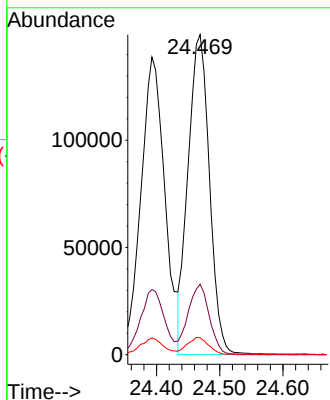
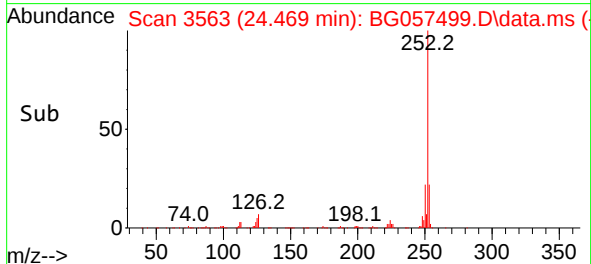
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



Tgt Ion:252 Resp: 350210
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 5.3 4.1 6.1

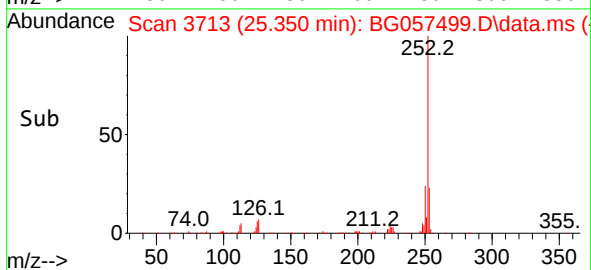
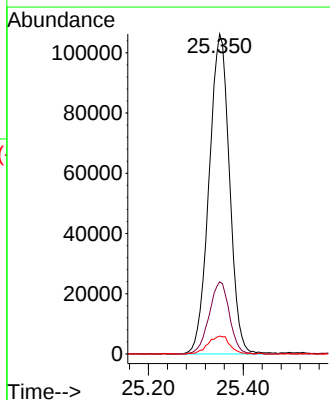
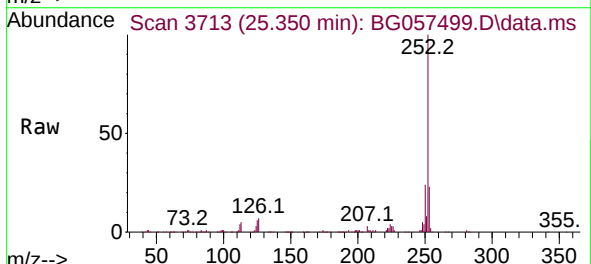
Manual Integrations
APPROVED

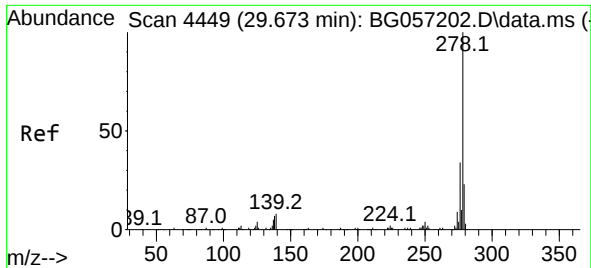
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#90
Benzo(a)pyrene
Concen: 35.691 ng
RT: 25.350 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

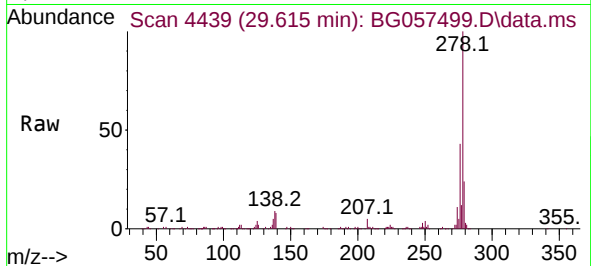
Tgt Ion:252 Resp: 318220
Ion Ratio Lower Upper
252 100
253 22.6 16.3 24.5
125 5.6 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 39.778 ng
RT: 29.615 min Scan# 4449
Delta R.T. 0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

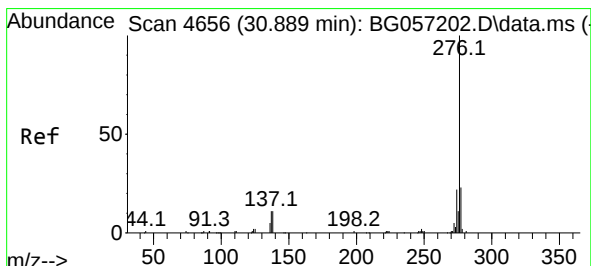
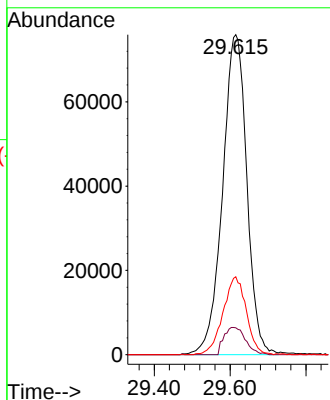
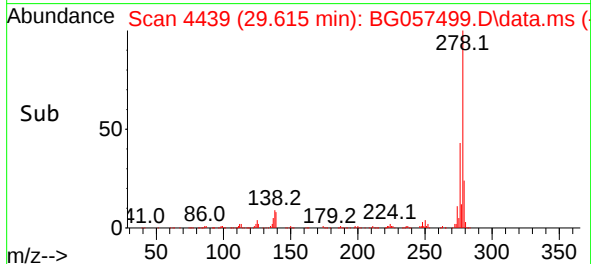
Instrument :
BNA_G
ClientSampleId :
ETGI-289MSD



Tgt Ion:278 Resp: 337059
Ion Ratio Lower Upper
278 100
139 8.4 6.2 9.2
279 24.3 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.246 ng
RT: 30.831 min Scan# 4646
Delta R.T. -0.006 min
Lab File: BG057499.D
Acq: 22 May 2023 18:40

Tgt Ion:276 Resp: 324718
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 10.7 9.0 13.4

