

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057476.D
 Acq On : 19 May 2023 20:55
 Operator : CG/JU
 Sample : 02848-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5MSD

Quant Time: May 20 04:30:12 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	18326	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	69681	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	53749	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	136746	20.000	ng	0.00
76) Chrysene-d12	22.014	240	123378	20.000	ng	0.00
86) Perylene-d12	25.509	264	134650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	89899	83.915	ng	0.00
7) Phenol-d6	7.498	99	132973	81.737	ng	0.00
23) Nitrobenzene-d5	9.531	82	81677	49.196	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	65664	86.101	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	204613	51.270	ng	0.00
79) Terphenyl-d14	20.275	244	351513	46.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.668	88	18144	40.961	ng	99
3) Pyridine	4.091	79	48944	34.382	ng	96
4) n-Nitrosodimethylamine	4.003	42	27200	40.659	ng	91
6) Aniline	7.668	93	68948	33.409	ng	95
8) 2-Chlorophenol	7.915	128	58358	51.552	ng	98
9) Benzaldehyde	7.480	77	42298	50.935	ng	96
10) Phenol	7.521	94	80647	50.854	ng	98
11) bis(2-Chloroethyl)ether	7.751	93	52924	44.257	ng	95
12) 1,3-Dichlorobenzene	8.244	146	63143	50.538	ng	97
13) 1,4-Dichlorobenzene	8.391	146	64411	51.324	ng	95
14) 1,2-Dichlorobenzene	8.714	146	61453	50.723	ng	96
15) Benzyl Alcohol	8.591	79	62917	46.424	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.867	45	63138m	41.890	ng	
17) 2-Methylphenol	8.796	107	54571	47.736	ng	97
18) Hexachloroethane	9.448	117	21965	48.499	ng	99
19) n-Nitroso-di-n-propyla...	9.155	70	50440	40.662	ng	100
20) 3+4-Methylphenols	9.119	107	74848	47.816	ng	93
22) Acetophenone	9.184	105	93079	46.671	ng	# 97
24) Nitrobenzene	9.578	77	74145	44.247	ng	94
25) Isophorone	10.094	82	135031	41.944	ng	99
26) 2-Nitrophenol	10.294	139	33263	51.859	ng	95
27) 2,4-Dimethylphenol	10.335	122	59862	53.299	ng	96
28) bis(2-Chloroethoxy)met...	10.570	93	72987	45.254	ng	100
29) 2,4-Dichlorophenol	10.835	162	65998	55.403	ng	99
30) 1,2,4-Trichlorobenzene	11.052	180	67390	49.048	ng	95
31) Naphthalene	11.246	128	177130	47.549	ng	99
32) Benzoic acid	10.494	122	37567m	57.022	ng	
33) 4-Chloroaniline	11.346	127	43796	26.179	ng	94
34) Hexachlorobutadiene	11.516	225	48088	47.168	ng	95
35) Caprolactam	12.121	113	20829m	51.188	ng	
36) 4-Chloro-3-methylphenol	12.444	107	71458	52.786	ng	98
37) 2-Methylnaphthalene	12.820	142	136298	46.535	ng	96
38) 1-Methylnaphthalene	13.038	142	128036	46.378	ng	98
40) 1,2,4,5-Tetrachloroben...	13.184	216	96101	50.364	ng	99
41) Hexachlorocyclopentadiene	13.155	237	74232	80.861	ng	99
43) 2,4,6-Trichlorophenol	13.419	196	62897	54.105	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.496	196	66907	48.929	ng	98
46) 1,1'-Biphenyl	13.807	154	197527	49.526	ng	98
47) 2-Chloronaphthalene	13.860	162	148643	50.118	ng	99
48) 2-Nitroaniline	14.054	65	48570	48.163	ng	99
49) Acenaphthylene	14.700	152	233535	48.467	ng	100
50) Dimethylphthalate	14.412	163	197992	44.827	ng	98
51) 2,6-Dinitrotoluene	14.536	165	44684	49.549	ng	87
52) Acenaphthene	15.035	154	143843	47.774	ng	98
53) 3-Nitroaniline	14.870	138	28993	32.091	ng	94
54) 2,4-Dinitrophenol	15.088	184	53740	95.229	ng	97
55) Dibenzofuran	15.364	168	240109	47.463	ng	98
56) 4-Nitrophenol	15.182	139	63467	105.624	ng	90
57) 2,4-Dinitrotoluene	15.329	165	63841	49.534	ng	# 94
58) Fluorene	16.010	166	199355	47.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.593	232	63696	51.378	ng	99
60) Diethylphthalate	15.752	149	200707	44.746	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	117357	46.750	ng	96
62) 4-Nitroaniline	16.033	138	43144	47.337	ng	90
63) Azobenzene	16.280	77	195771	45.235	ng	98
65) 4,6-Dinitro-2-methylph...	16.092	198	43173	52.881	ng	98
66) n-Nitrosodiphenylamine	16.204	169	174062	46.866	ng	99
67) 4-Bromophenyl-phenylether	16.885	248	78702	47.146	ng	100
68) Hexachlorobenzene	17.015	284	83178	51.275	ng	95
69) Atrazine	17.138	200	78328	55.286	ng	99
70) Pentachlorophenol	17.361	266	85519	91.474	ng	98
71) Phenanthrene	17.755	178	329017	46.955	ng	99
72) Anthracene	17.843	178	332358	46.226	ng	99
73) Carbazole	18.107	167	291460	48.152	ng	98
74) Di-n-butylphthalate	18.624	149	326353	46.861	ng	99
75) Fluoranthene	19.740	202	403229	46.268	ng	99
77) Benzidine	19.905	184	174138	63.133	ng	100
78) Pyrene	20.104	202	407316	45.432	ng	99
80) Butylbenzylphthalate	20.950	149	141943	49.898	ng	99
81) Benzo(a)anthracene	21.996	228	411807	46.848	ng	99
82) 3,3'-Dichlorobenzidine	21.890	252	106150	37.701	ng	99
83) Chrysene	22.066	228	376897	45.571	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	205397	48.801	ng	99
85) Di-n-octyl phthalate	23.130	149	349286	49.779	ng	96
87) Indeno(1,2,3-cd)pyrene	29.556	276	466483	47.535	ng	99
88) Benzo(b)fluoranthene	24.393	252	421551	47.893	ng	98
89) Benzo(k)fluoranthene	24.463	252	404082	45.177	ng	98
90) Benzo(a)pyrene	25.344	252	371227	43.170	ng	98
91) Dibenzo(a,h)anthracene	29.609	278	386640	47.309	ng	99
92) Benzo(g,h,i)perylene	30.825	276	378882	47.479	ng	98

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

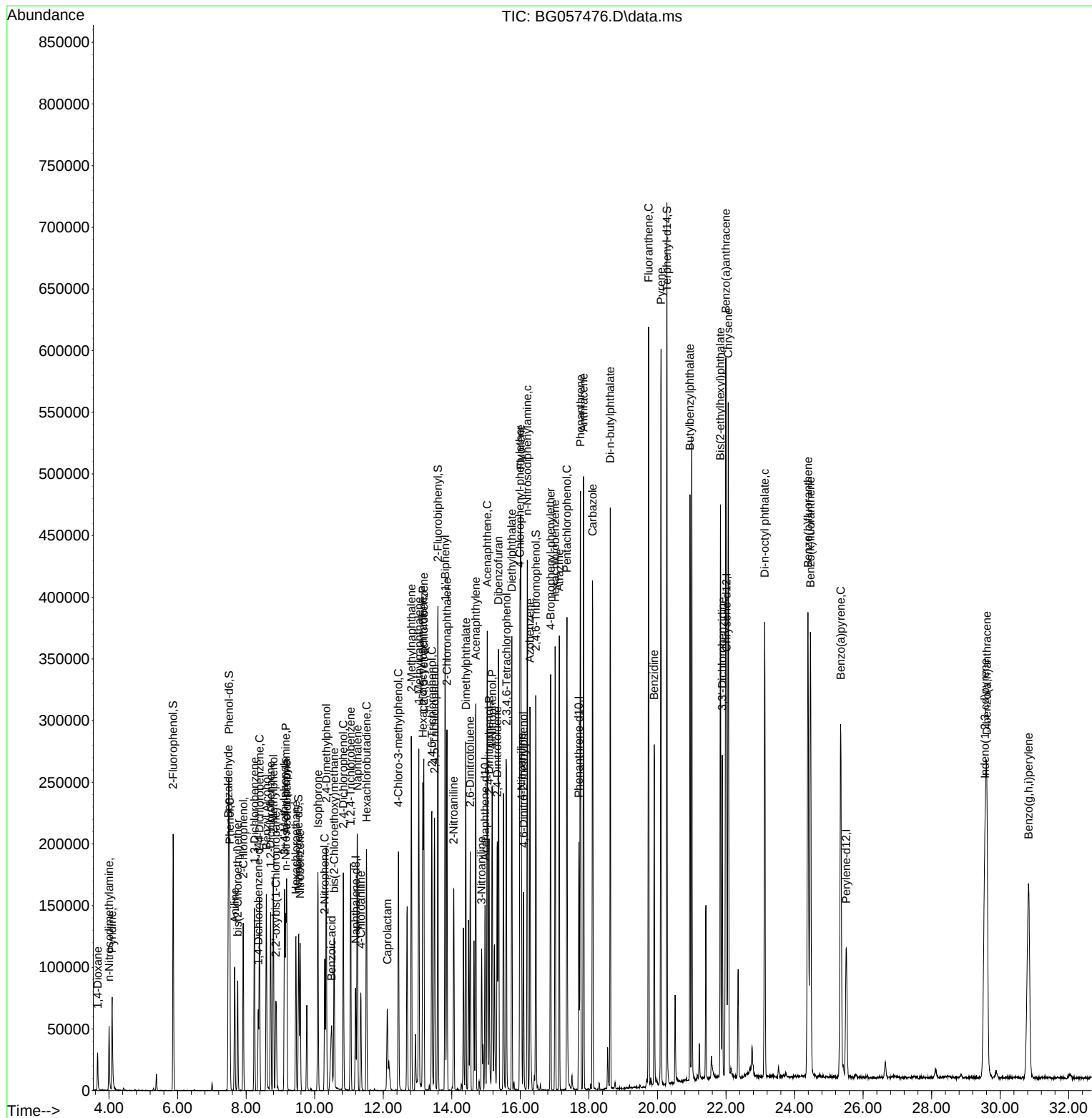
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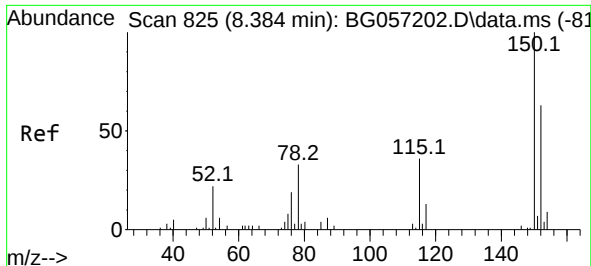
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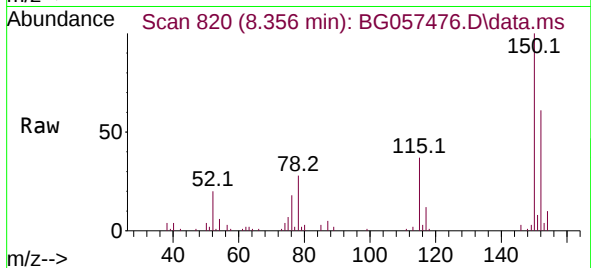
Reviewed By : Christian Giraldo 05/22/2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

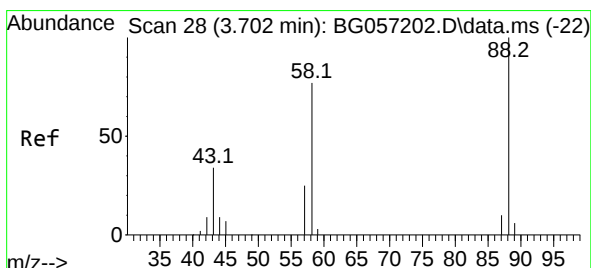
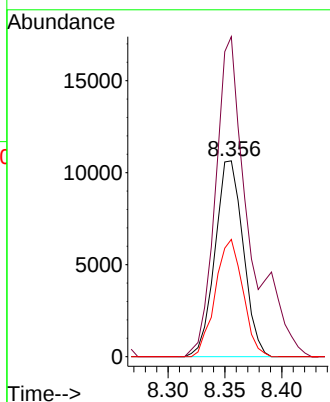
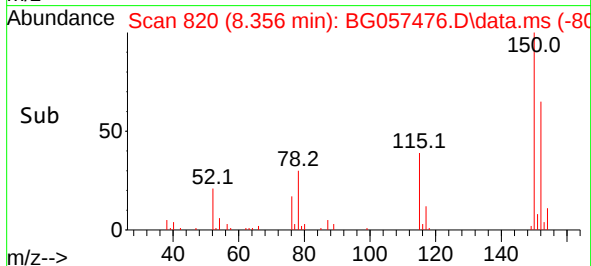
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:152 Resp: 18320
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.4
115 59.9 45.0 67.4

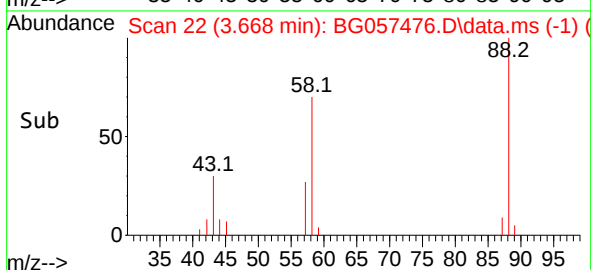
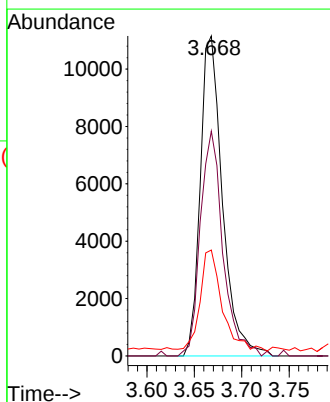
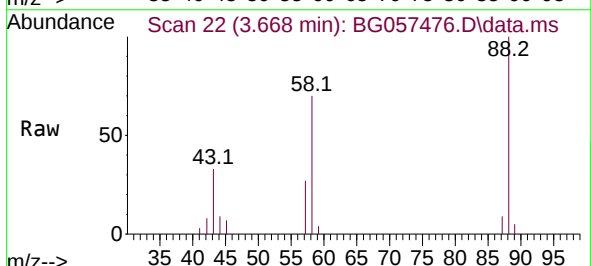
Manual Integrations
APPROVED

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#2
1,4-Dioxane
Concen: 40.961 ng
RT: 3.668 min Scan# 22
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

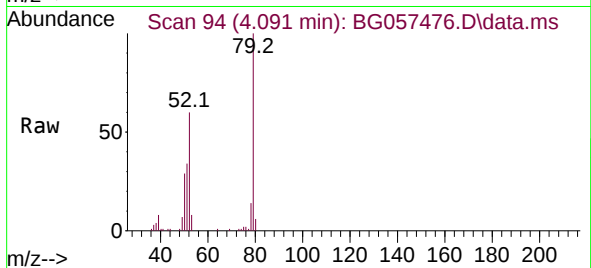
Tgt Ion: 88 Resp: 18144
Ion Ratio Lower Upper
88 100
58 71.5 57.1 85.7
43 31.5 24.4 36.6





#3
Pyridine
Concen: 34.382 ng
RT: 4.091 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

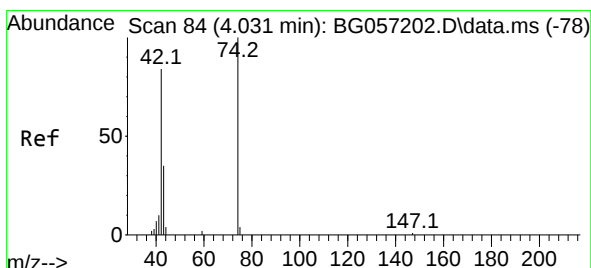
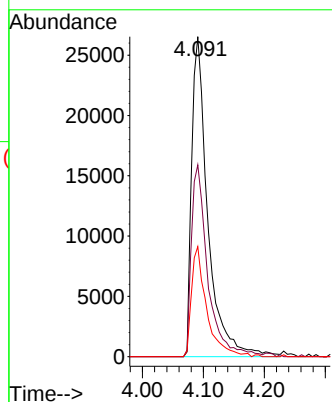
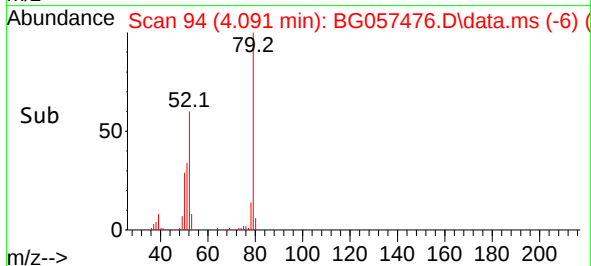
Instrument :
BNA_G
ClientSampleId :
TP5MSD



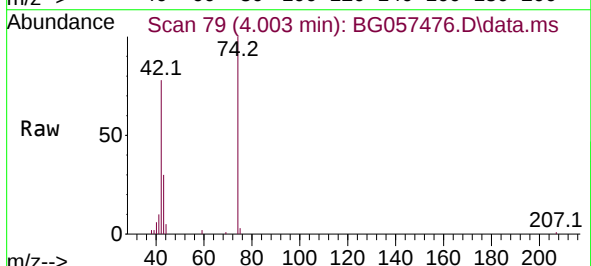
Tgt Ion: 79 Resp: 4894
Ion Ratio Lower Upper
79 100
52 59.9 51.4 77.0
51 34.4 28.0 42.0

Manual Integrations
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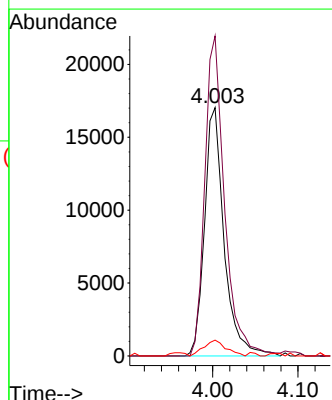
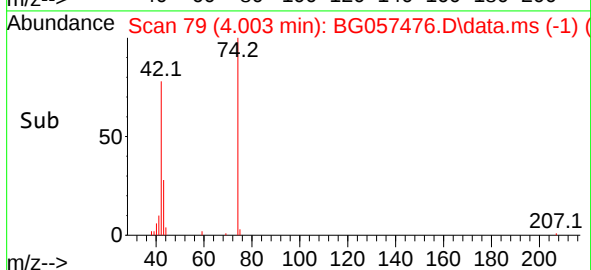
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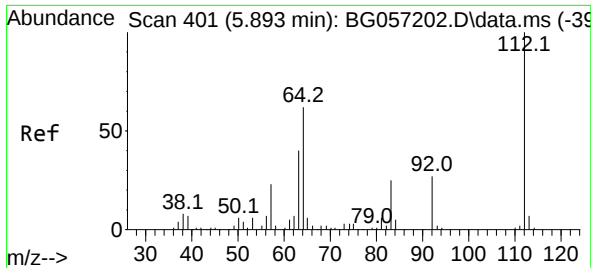


#4
n-Nitrosodimethylamine
Concen: 40.659 ng
RT: 4.003 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion: 42 Resp: 27200
Ion Ratio Lower Upper
42 100
74 128.9 95.1 142.7
44 6.4 5.8 8.8





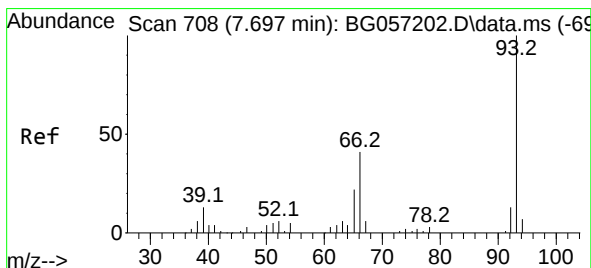
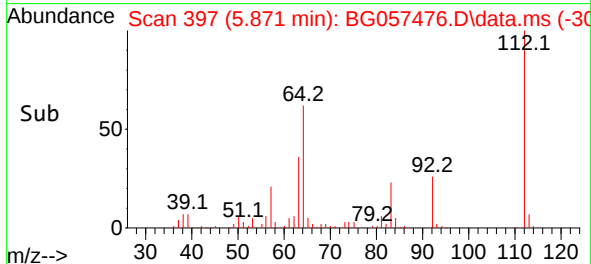
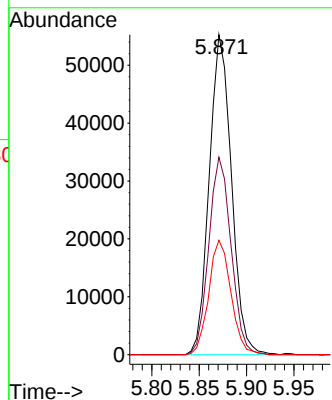
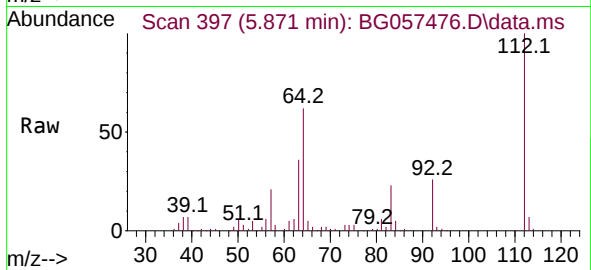
#5
2-Fluorophenol
Concen: 83.915 ng
RT: 5.871 min Scan# 397
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 8989
Ion Ratio Lower Upper
112 100
64 61.7 49.4 74.2
63 35.7 31.6 47.4

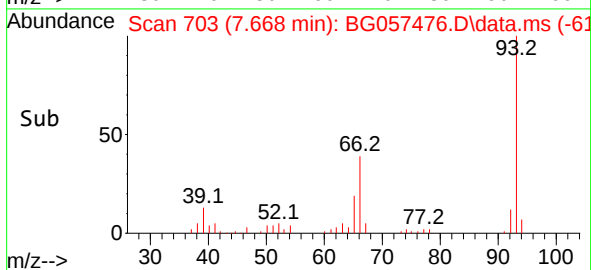
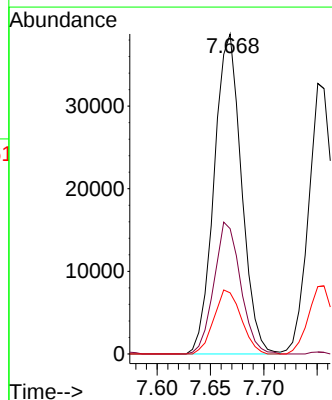
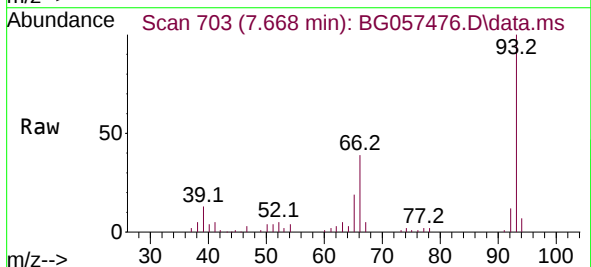
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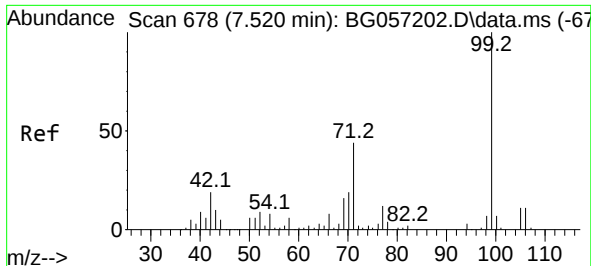
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
Aniline
Concen: 33.409 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.006 min
Lab File: BG057476.D
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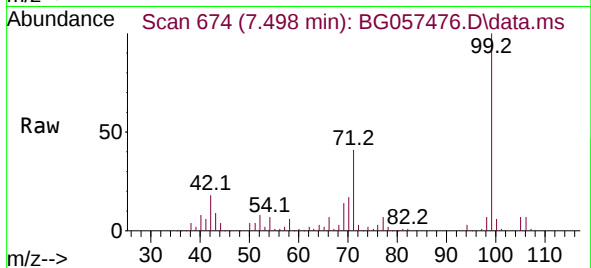
Tgt Ion: 93 Resp: 68948
Ion Ratio Lower Upper
93 100
66 39.2 33.0 49.6
65 19.1 18.0 27.0





#7
Phenol-d6
Concen: 81.737 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

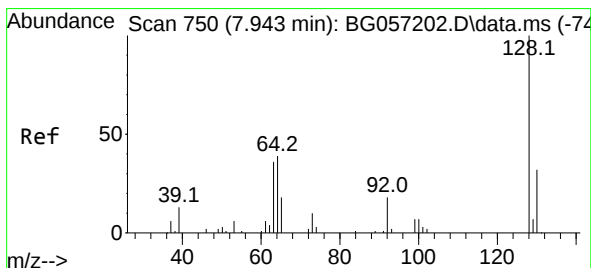
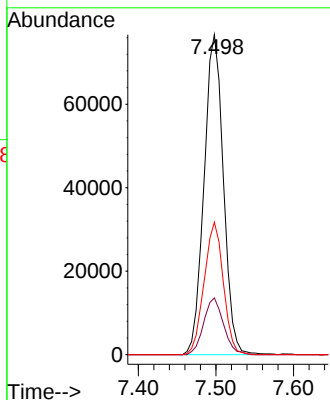
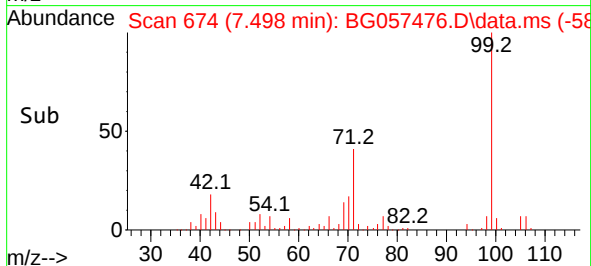
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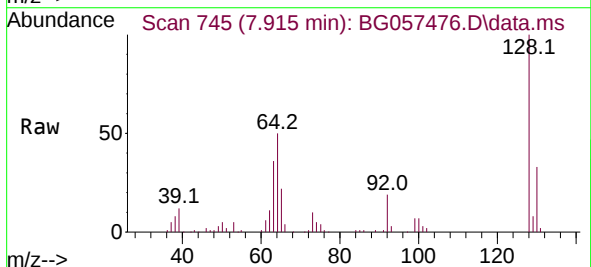
Tgt Ion: 99 Resp: 13297
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 41.4 35.2 52.8

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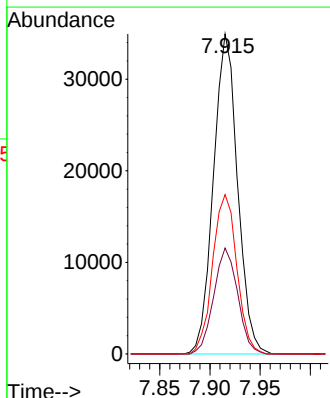
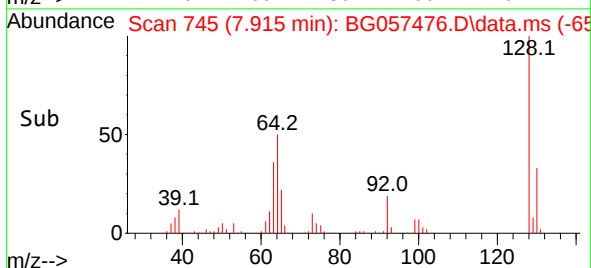
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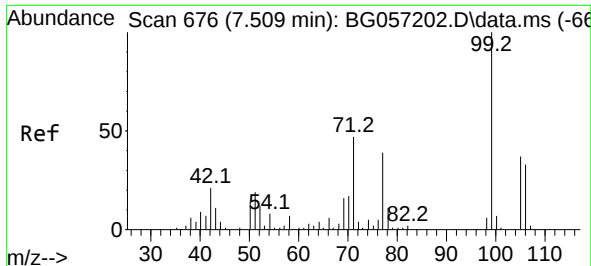


#8
2-Chlorophenol
Concen: 51.552 ng
RT: 7.915 min Scan# 745
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



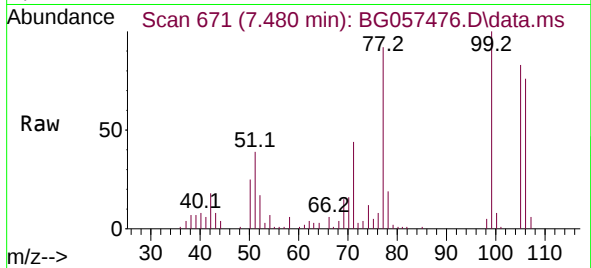
Tgt Ion:128 Resp: 58358
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 49.8 28.4 68.4





#9
Benzaldehyde
Concen: 50.935 ng
RT: 7.480 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG057476.D
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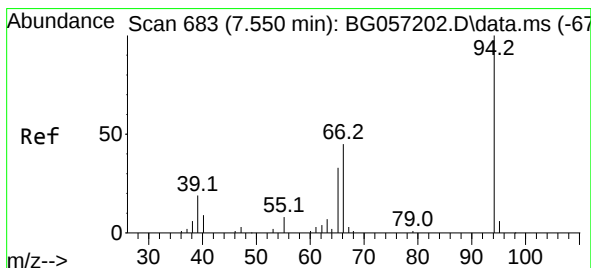
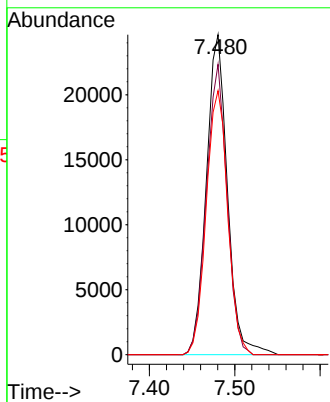
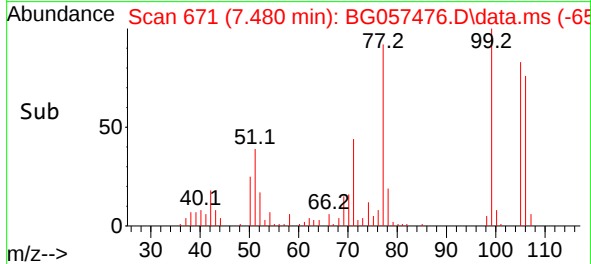
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Tgt Ion: 77 Resp: 42298
Ion Ratio Lower Upper
77 100
105 90.8 74.6 114.6
106 82.5 66.3 106.3

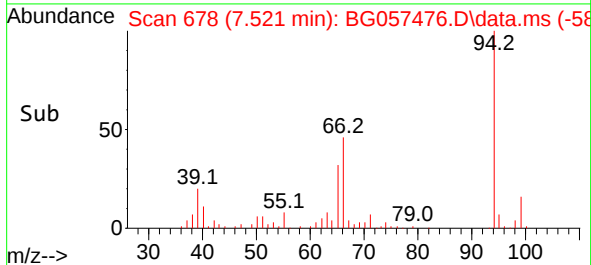
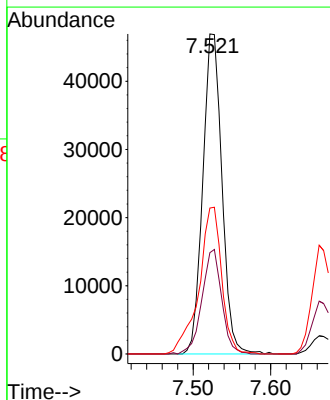
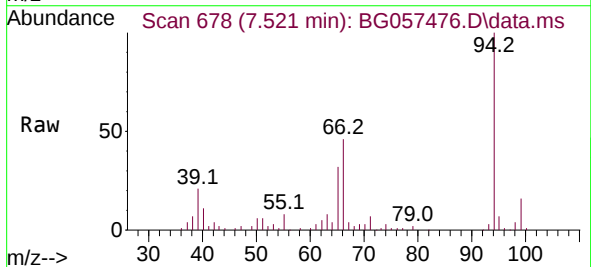
Manual Integrations
APPROVED

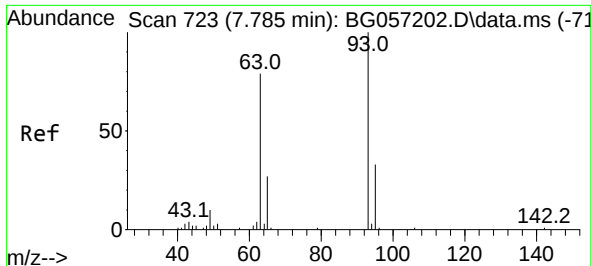
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Phenol
Concen: 50.854 ng
RT: 7.521 min Scan# 678
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion: 94 Resp: 80647
Ion Ratio Lower Upper
94 100
65 31.7 13.5 53.5
66 45.6 26.7 66.7





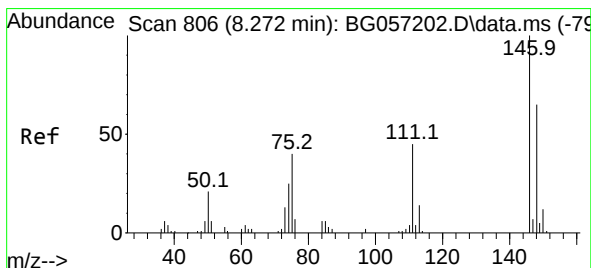
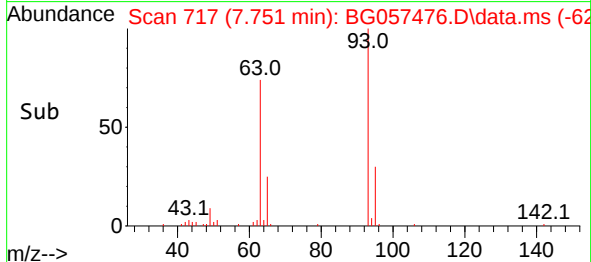
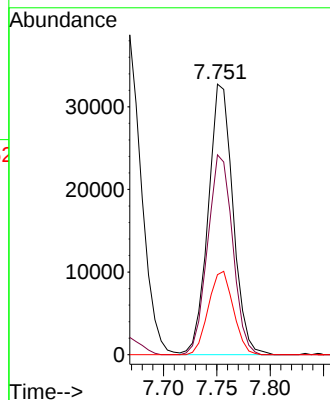
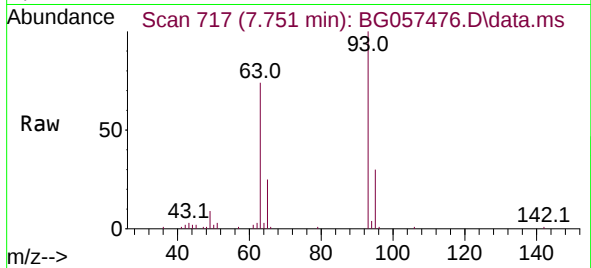
#11
bis(2-Chloroethyl)ether
Concen: 44.257 ng
RT: 7.751 min Scan# 717
Delta R.T. -0.012 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion: 93 Resp: 52924
Ion Ratio Lower Upper
93 100
63 73.8 58.6 98.6
95 29.6 12.2 52.2

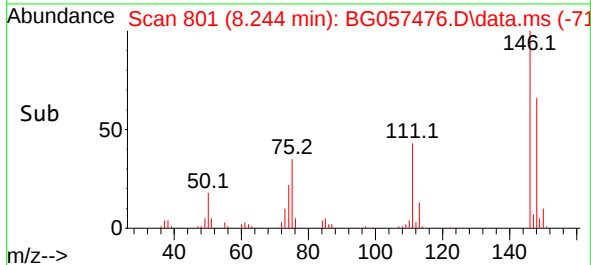
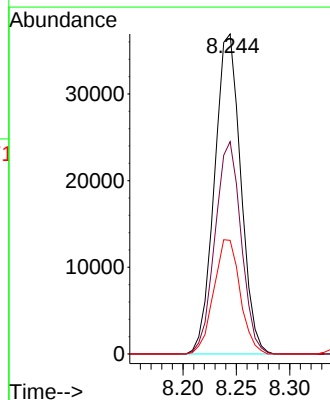
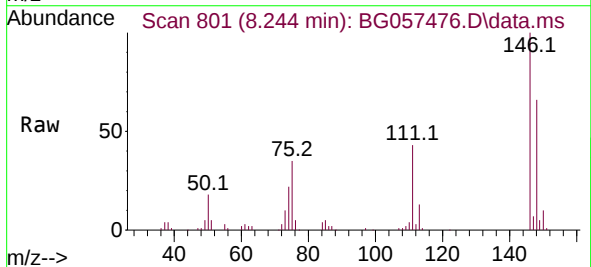
Manual Integrations
APPROVED

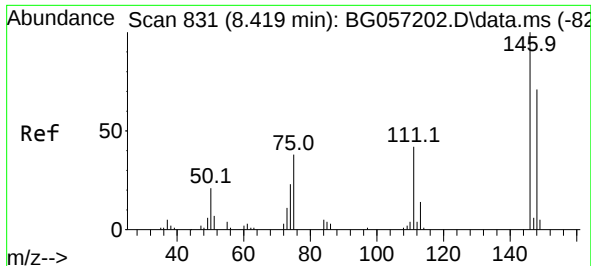
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#12
1,3-Dichlorobenzene
Concen: 50.538 ng
RT: 8.244 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

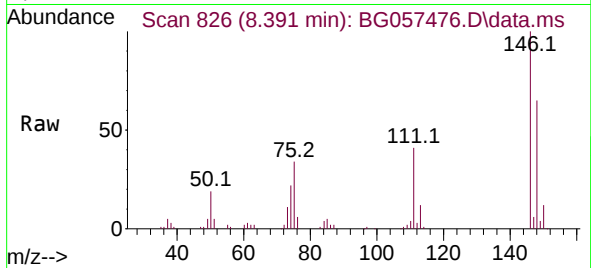
Tgt Ion:146 Resp: 63143
Ion Ratio Lower Upper
146 100
148 66.3 52.2 78.2
75 35.5 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 51.324 ng
RT: 8.391 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

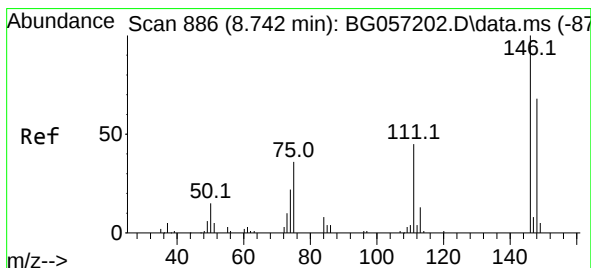
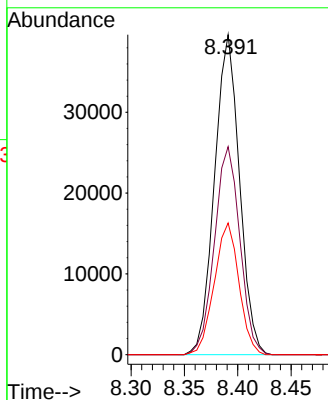
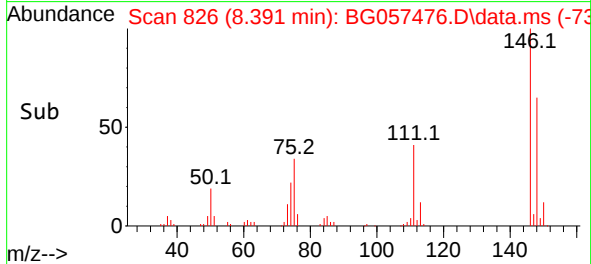
Instrument :
BNA_G
ClientSampleId :
TP5MSD



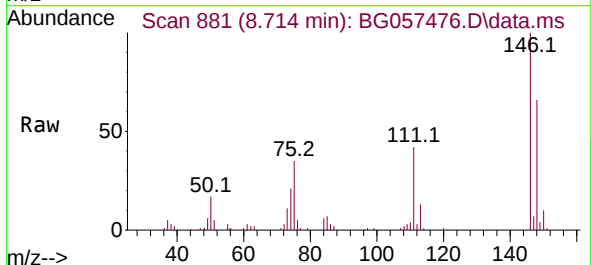
Tgt Ion:146 Resp: 6441
Ion Ratio Lower Upper
146 100
148 65.0 56.4 84.6
111 41.2 33.8 50.6

Manual Integrations
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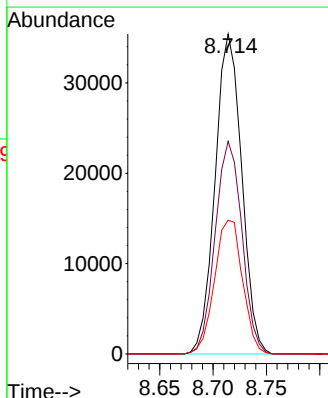
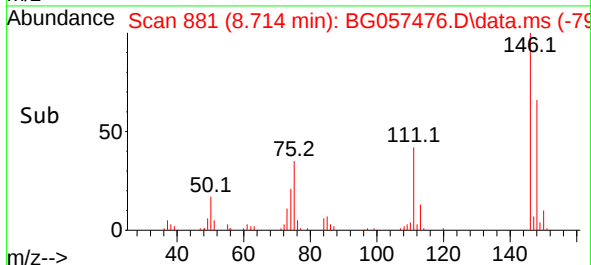
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

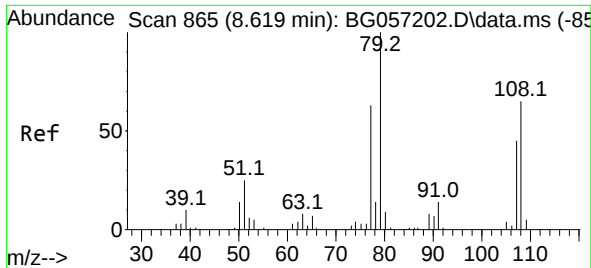


#14
1,2-Dichlorobenzene
Concen: 50.723 ng
RT: 8.714 min Scan# 881
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:146 Resp: 61453
Ion Ratio Lower Upper
146 100
148 66.4 54.6 82.0
111 41.8 37.2 55.8





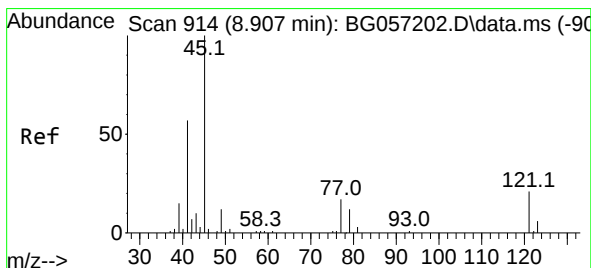
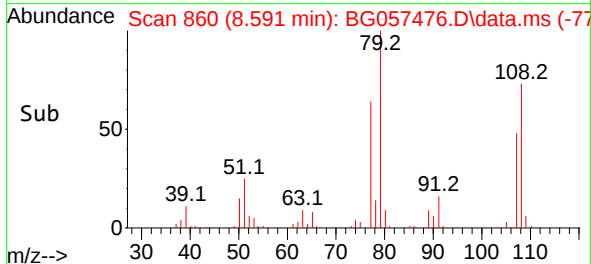
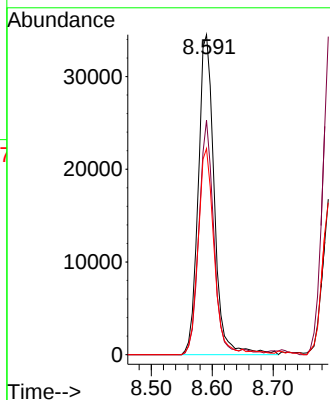
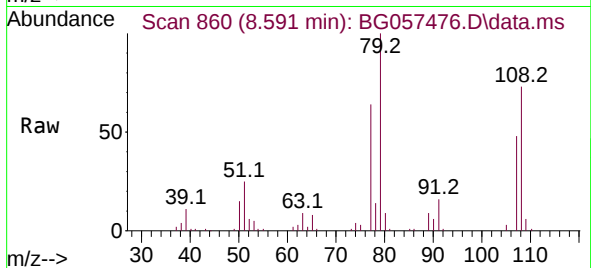
#15
Benzyl Alcohol
Concen: 46.424 ng
RT: 8.591 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion: 79 Resp: 6291
Ion Ratio Lower Upper
79 100
108 73.3 52.2 78.2
77 64.4 50.1 75.1

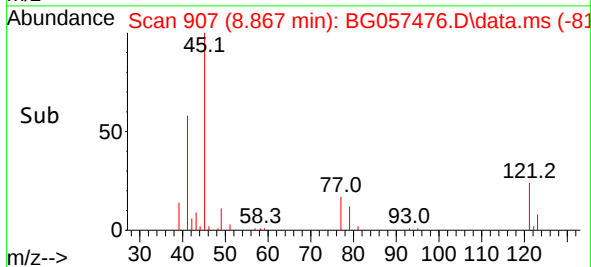
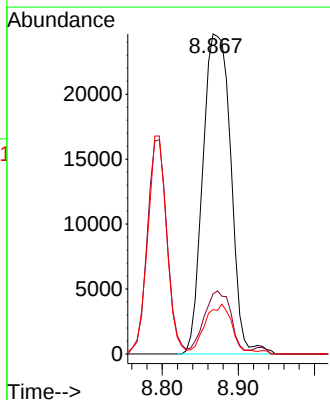
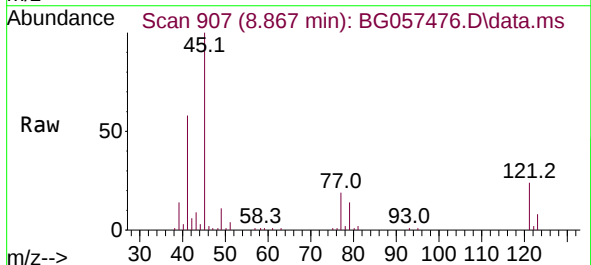
Manual Integrations
APPROVED

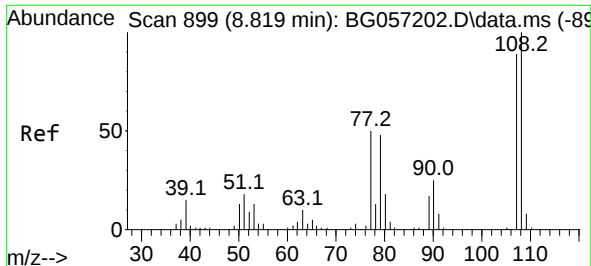
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.890 ng m
RT: 8.867 min Scan# 907
Delta R.T. -0.012 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

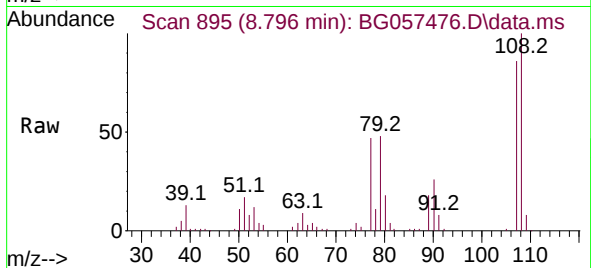
Tgt Ion: 45 Resp: 63138
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.5
79 13.9 0.0 33.8





#17
2-Methylphenol
Concen: 47.736 ng
RT: 8.796 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

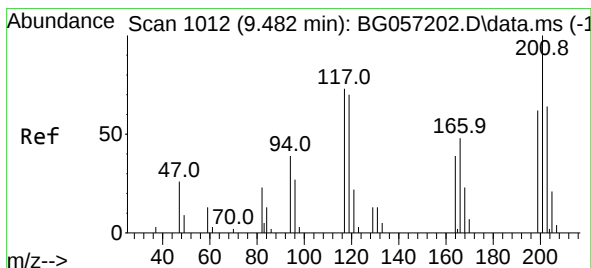
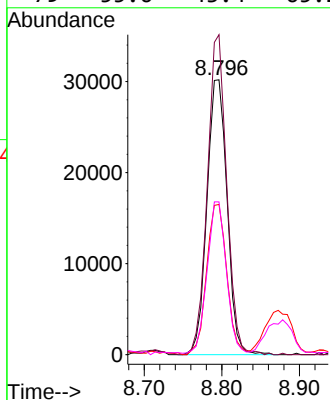
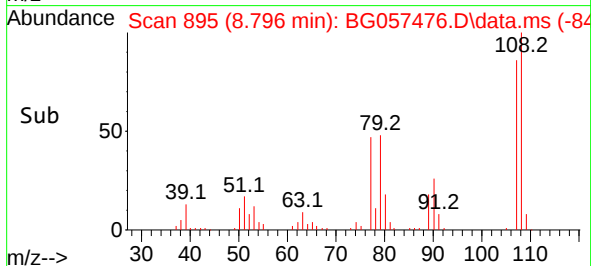
Instrument :
BNA_G
ClientSampleId :
TP5MSD



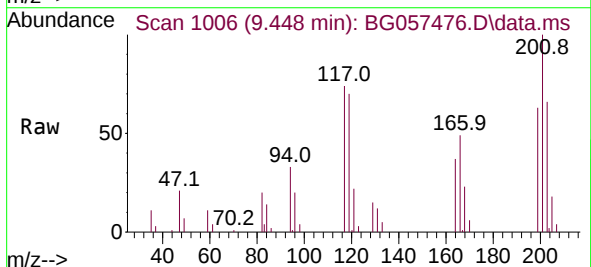
Tgt Ion:	107	Resp:	5457
Ion	Ratio	Lower	Upper
107	100		
108	116.4	89.5	134.3
77	54.6	45.1	67.7
79	55.6	43.4	65.2

Manual Integrations
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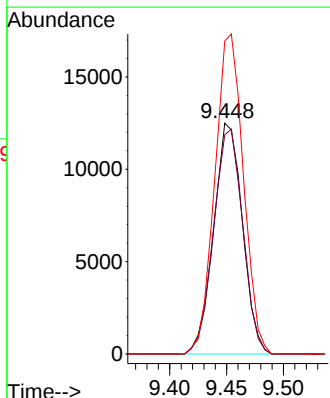
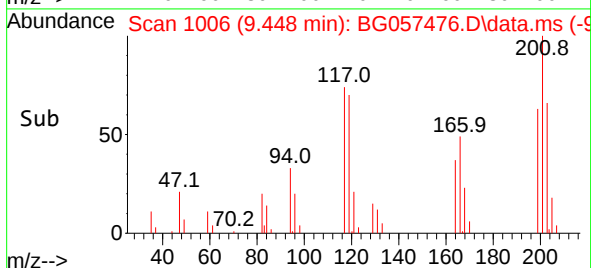
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

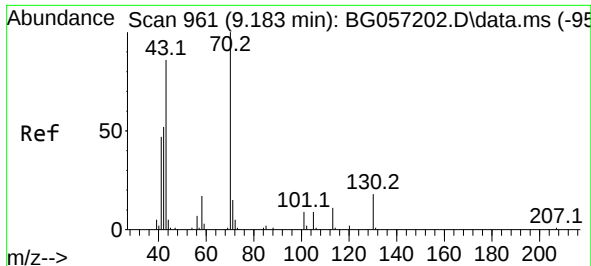


#18
Hexachloroethane
Concen: 48.499 ng
RT: 9.448 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:	117	Resp:	21965
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1
201	135.6	109.0	163.4





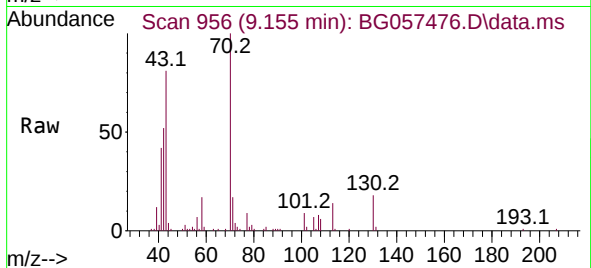
#19
n-Nitroso-di-n-propylamine
Concen: 40.662 ng
RT: 9.155 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

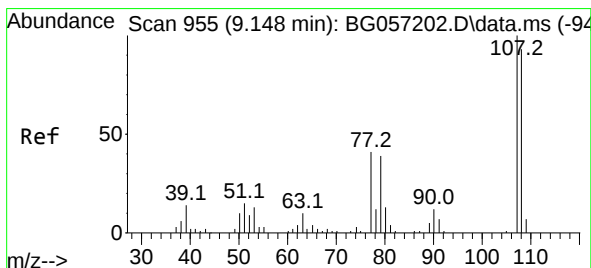
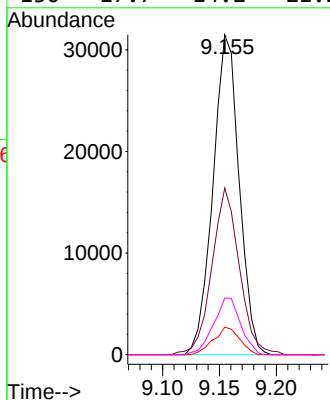
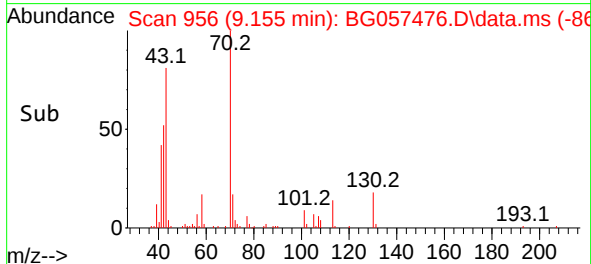


Tgt Ion: 70 Resp: 50440
Ion Ratio Lower Upper
70 100
42 52.1 41.8 62.8
101 8.6 6.8 10.2
130 17.7 14.2 21.2

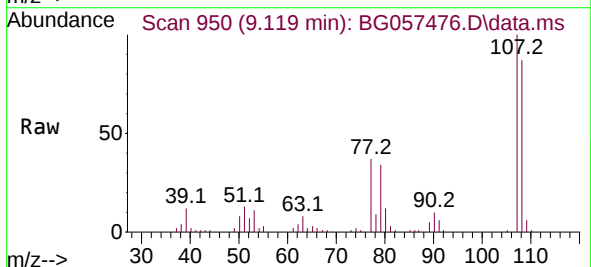
Manual Integrations

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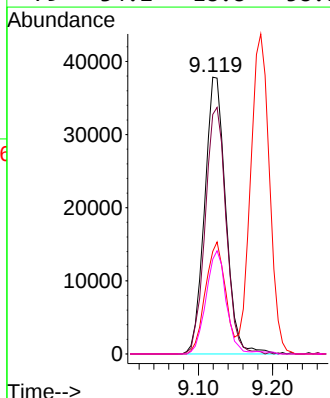
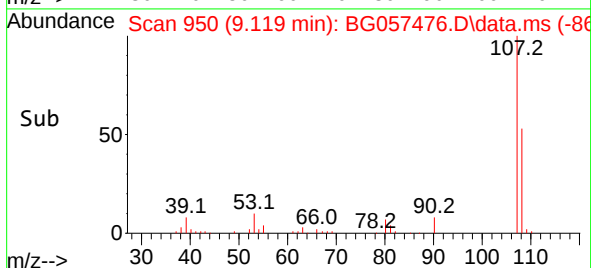
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

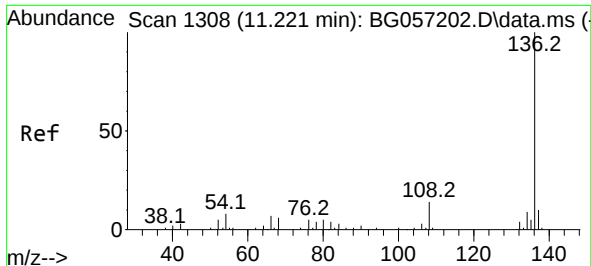


#20
3+4-Methylphenols
Concen: 47.816 ng
RT: 9.119 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:107 Resp: 74848
Ion Ratio Lower Upper
107 100
108 86.6 73.5 113.5
77 37.1 21.1 61.1
79 34.2 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

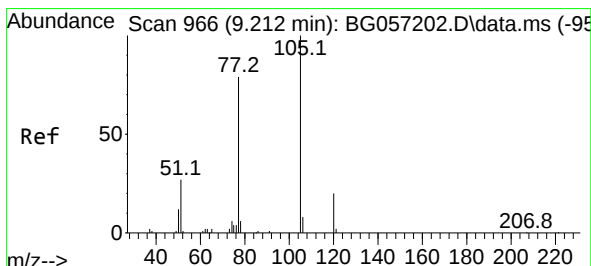
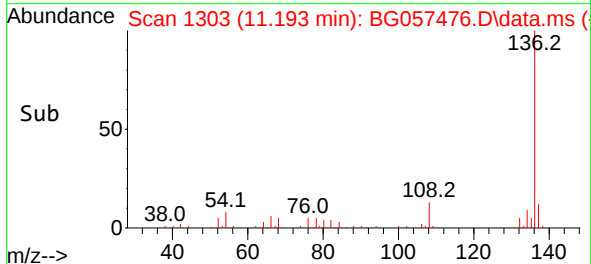
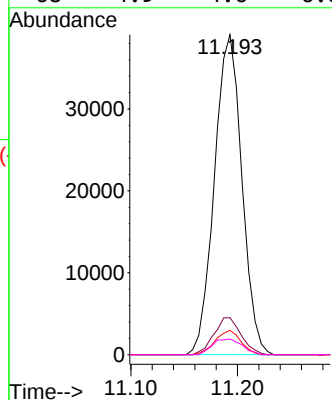
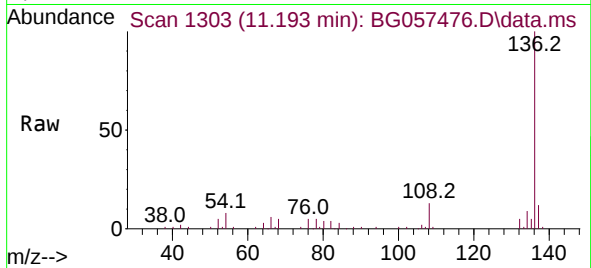
TP5MSD

Tgt Ion:136 Resp: 6968
Ion Ratio Lower Upper
136 100
137 11.5 8.3 12.5
54 7.6 6.7 10.1
68 4.9 4.6 6.8

Manual Integrations

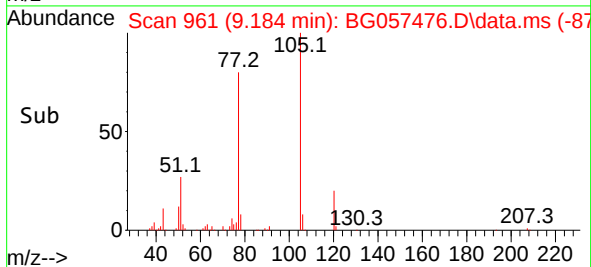
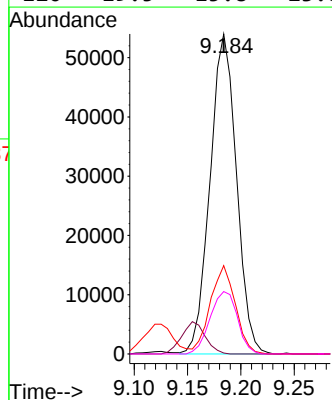
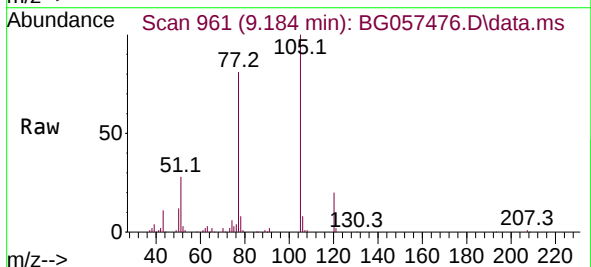
APPROVED

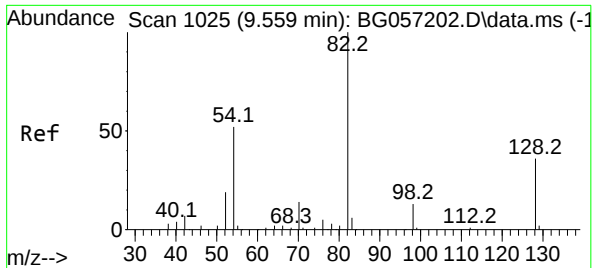
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 46.671 ng
RT: 9.184 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion:105 Resp: 93079
Ion Ratio Lower Upper
105 100
71 0.3 0.4 0.6#
51 27.6 24.0 36.0
120 19.5 15.8 23.8





#23
Nitrobenzene-d5
Concen: 49.196 ng
RT: 9.531 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

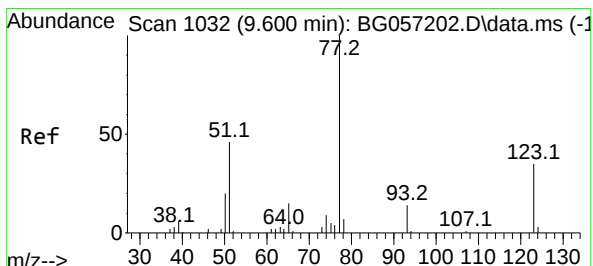
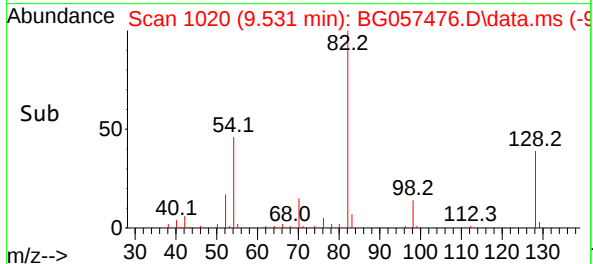
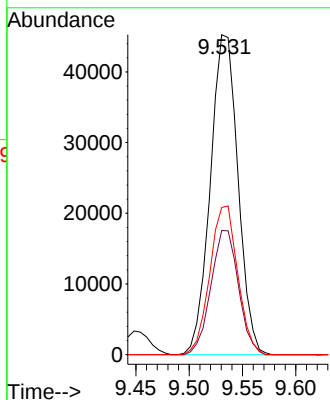
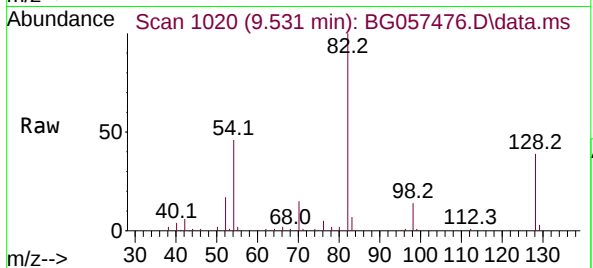
ClientSampleId :

TP5MSD

Tgt Ion: 82 Resp: 8167
Ion Ratio Lower Upper
82 100
128 38.8 29.0 43.4
54 46.0 41.4 62.0

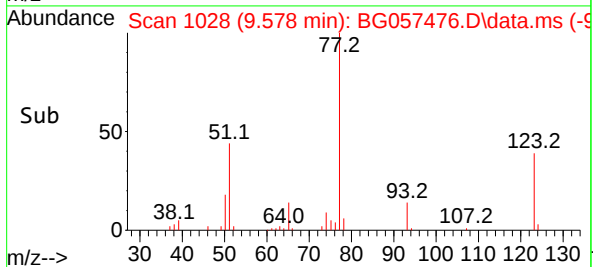
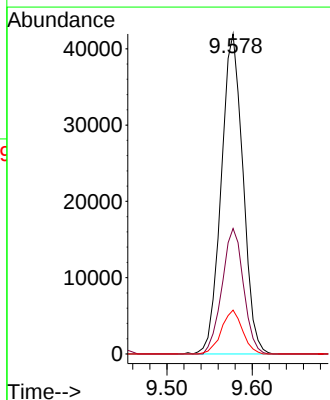
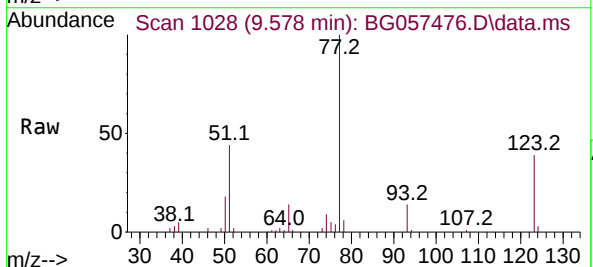
Manual Integrations
APPROVED

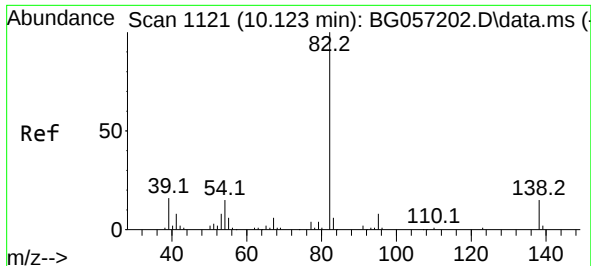
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#24
Nitrobenzene
Concen: 44.247 ng
RT: 9.578 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion: 77 Resp: 74145
Ion Ratio Lower Upper
77 100
123 39.2 28.2 42.2
65 13.7 11.7 17.5





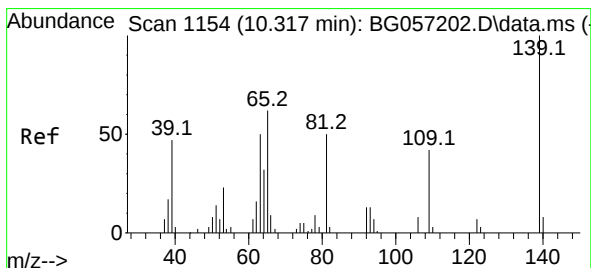
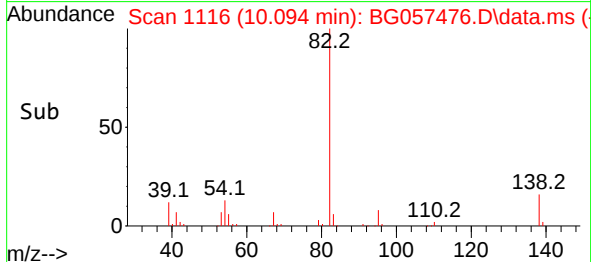
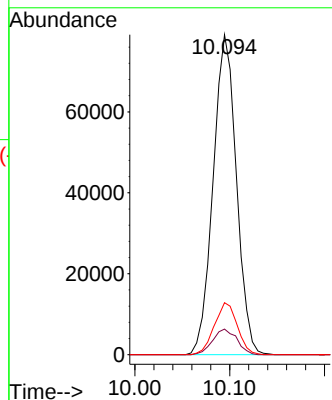
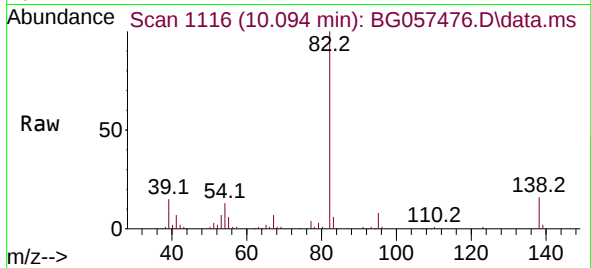
#25
Isophorone
Concen: 41.944 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion: 82 Resp: 13503
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 16.3 12.3 18.5

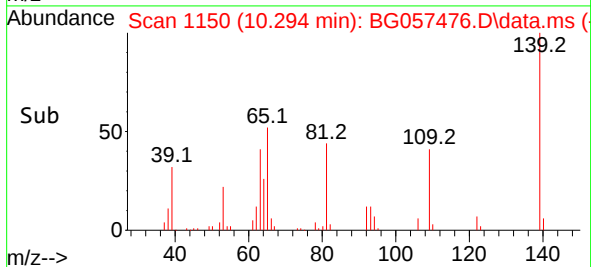
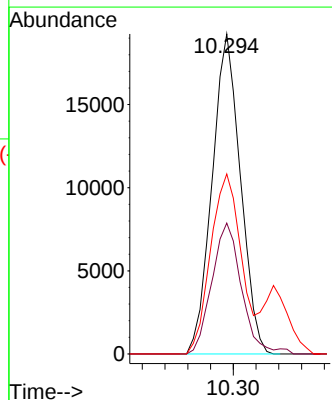
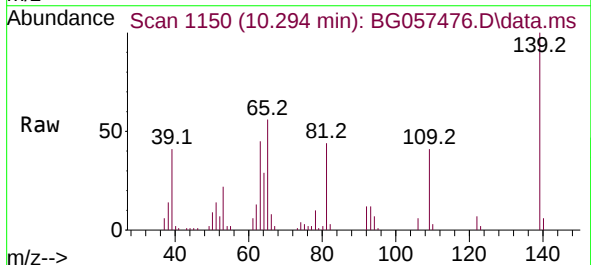
Manual Integrations
APPROVED

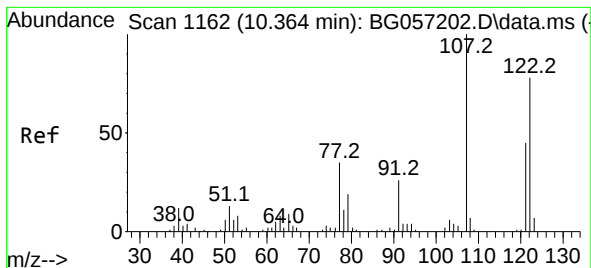
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
2-Nitrophenol
Concen: 51.859 ng
RT: 10.294 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

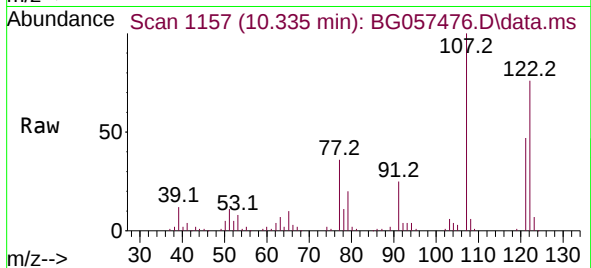
Tgt Ion:139 Resp: 33263
Ion Ratio Lower Upper
139 100
109 40.9 33.4 50.2
65 56.3 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 53.299 ng
RT: 10.335 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

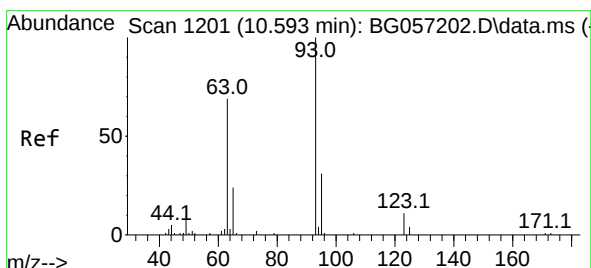
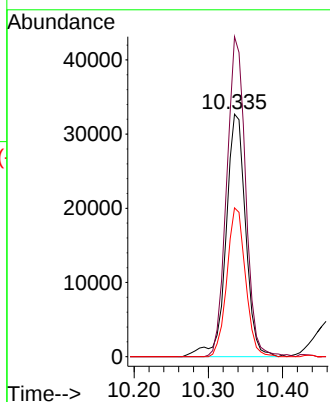
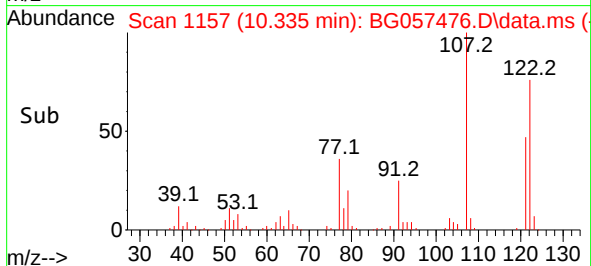
Instrument :
BNA_G
ClientSampleId :
TP5MSD



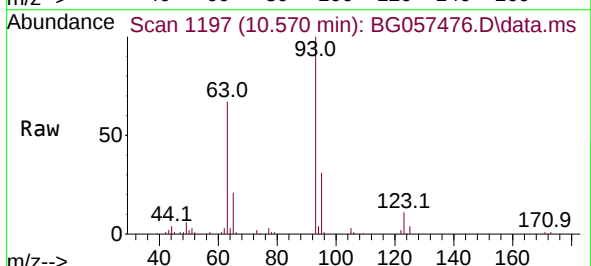
Tgt Ion:122 Resp: 59862
Ion Ratio Lower Upper
122 100
107 131.9 103.0 154.4
121 61.4 45.9 68.9

Manual Integrations
APPROVED

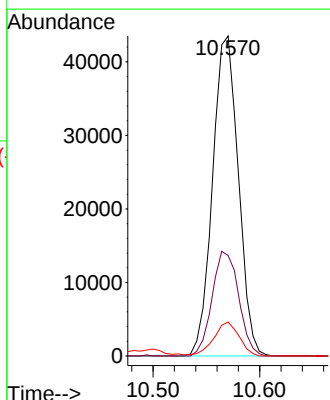
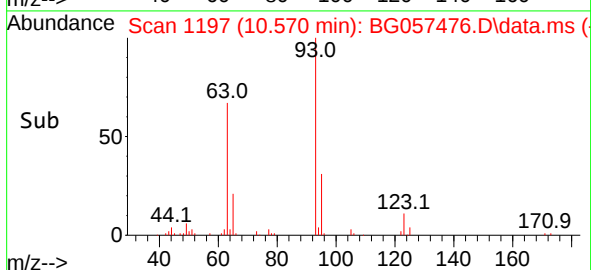
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

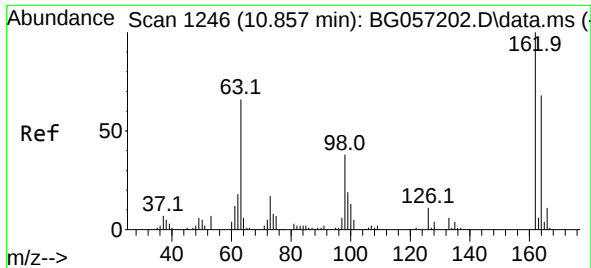


#28
bis(2-Chloroethoxy)methane
Concen: 45.254 ng
RT: 10.570 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion: 93 Resp: 72987
Ion Ratio Lower Upper
93 100
95 31.4 25.0 37.6
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.403 ng

RT: 10.835 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

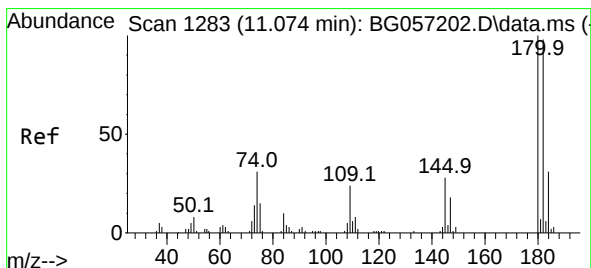
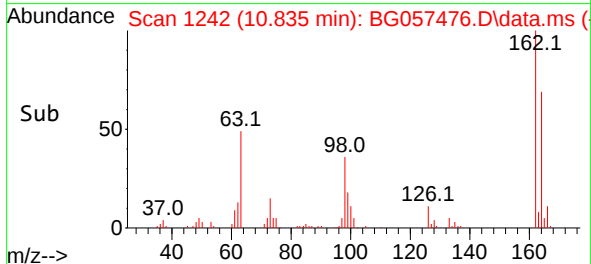
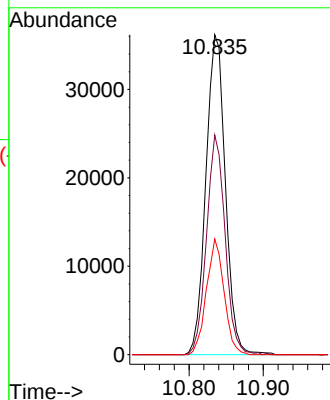
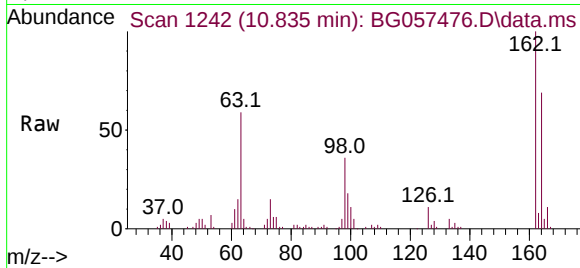
TP5MSD

Tgt Ion:162	Resp:	65998
Ion Ratio	Lower	Upper
162	100	
164	68.6	48.4 88.4
98	36.1	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.048 ng

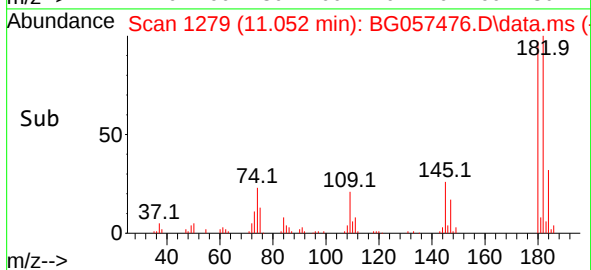
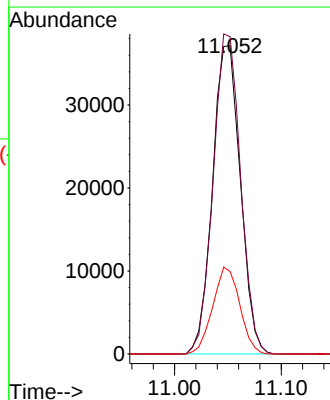
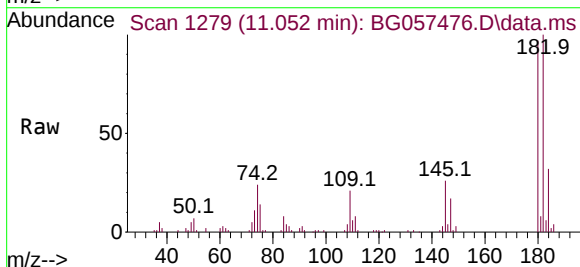
RT: 11.052 min Scan# 1279

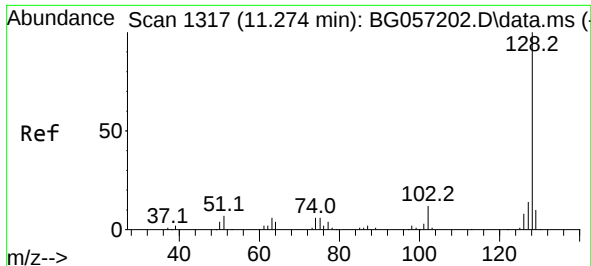
Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

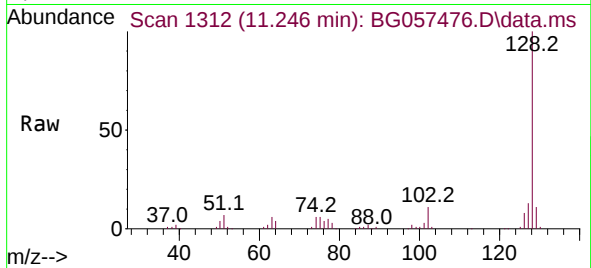
Tgt Ion:180	Resp:	67390
Ion Ratio	Lower	Upper
180	100	
182	103.0	78.0 117.0
145	26.7	22.4 33.6





#31
Naphthalene
Concen: 47.549 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

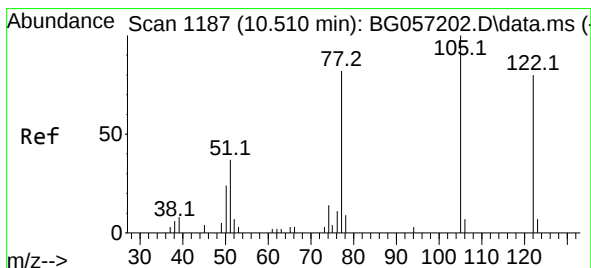
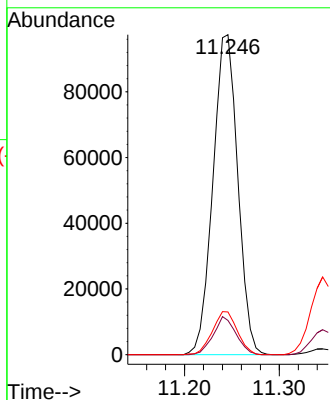
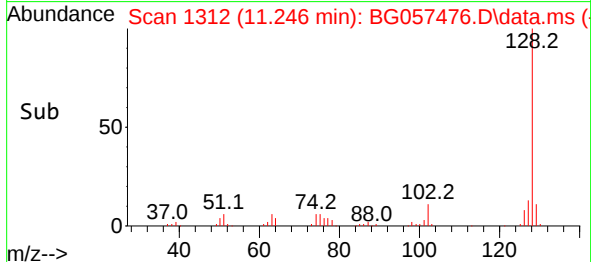
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:128 Resp: 177130
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.4 11.1 16.7

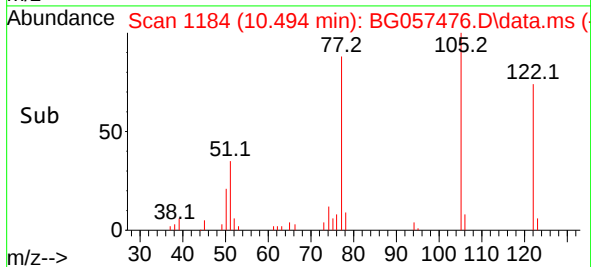
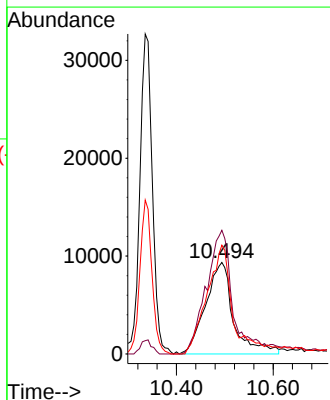
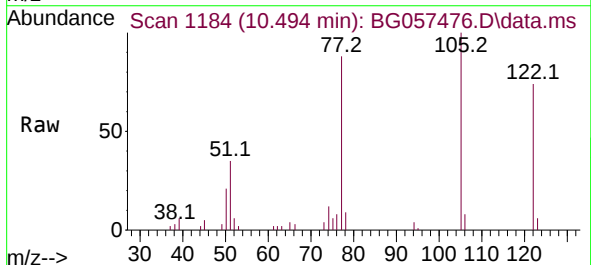
Manual Integrations
APPROVED

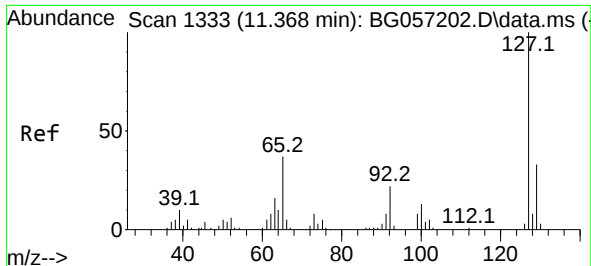
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#32
Benzoic acid
Concen: 57.022 ng m
RT: 10.494 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion:122 Resp: 37567
Ion Ratio Lower Upper
122 100
105 135.2 105.2 145.2
77 118.9 83.1 123.1





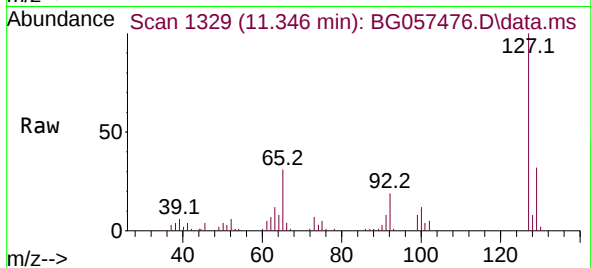
#33
4-Chloroaniline
Concen: 26.179 ng
RT: 11.346 min Scan# 11329
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

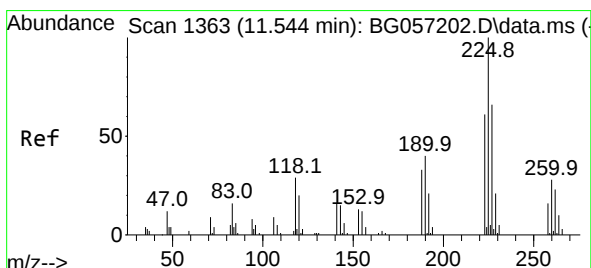
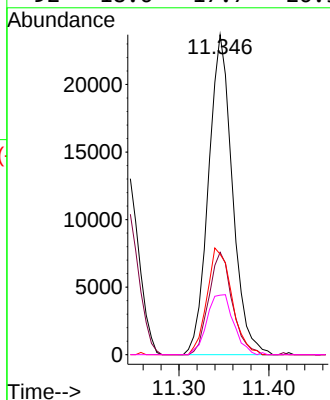
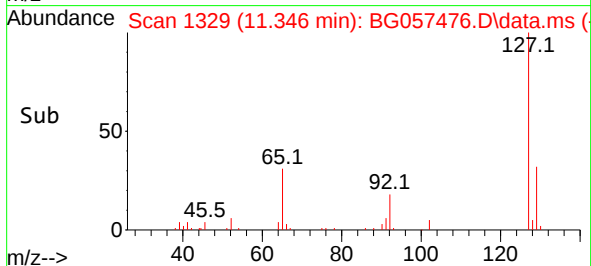


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	31.4	29.7	44.5
92	18.6	17.7	26.5

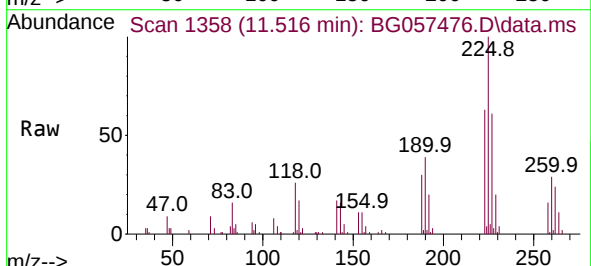
Manual Integrations

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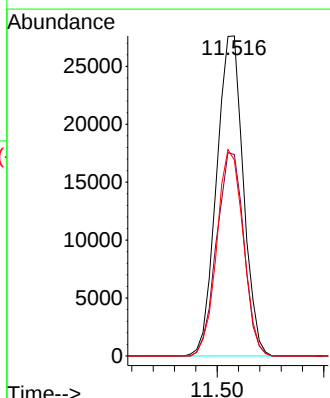
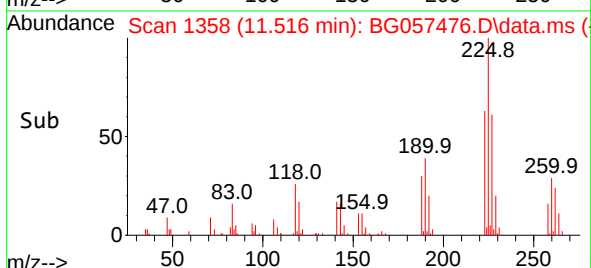
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

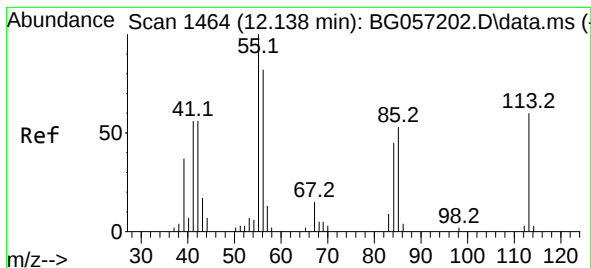


#34
Hexachlorobutadiene
Concen: 47.168 ng
RT: 11.516 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.6	72.8
227	61.2	52.7	79.1





#35

Caprolactam

Concen: 51.188 ng m

RT: 12.121 min Scan# 14

Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

Tgt Ion:113 Resp: 20829

Ion Ratio Lower Upper

113 100

55 149.7 145.5 185.5

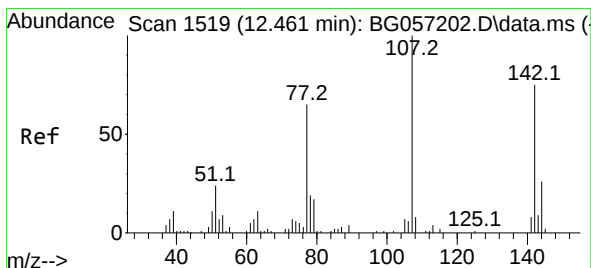
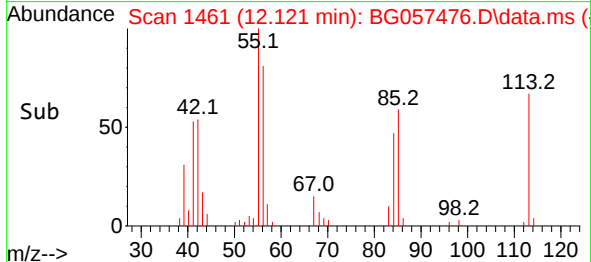
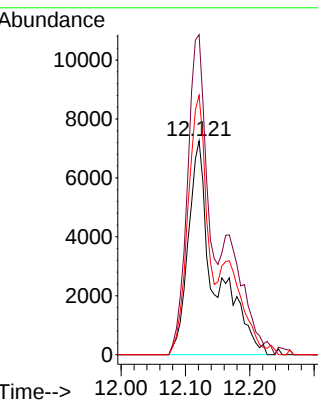
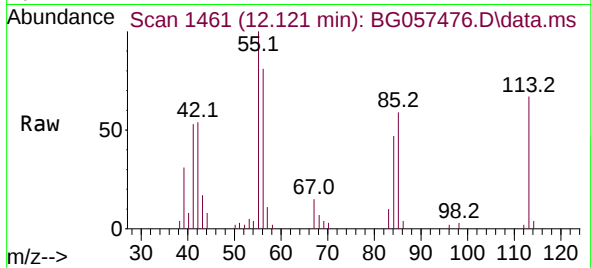
56 121.3 115.9 155.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#36

4-Chloro-3-methylphenol

Concen: 52.786 ng

RT: 12.444 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

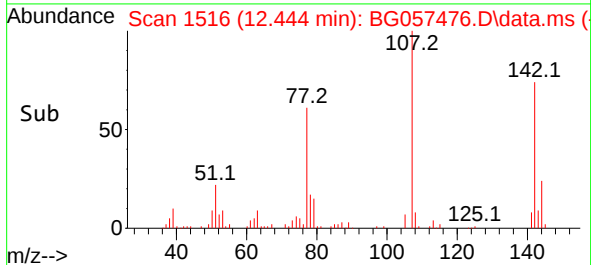
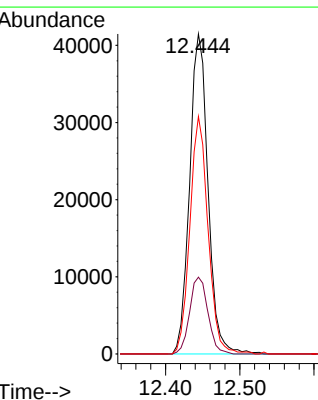
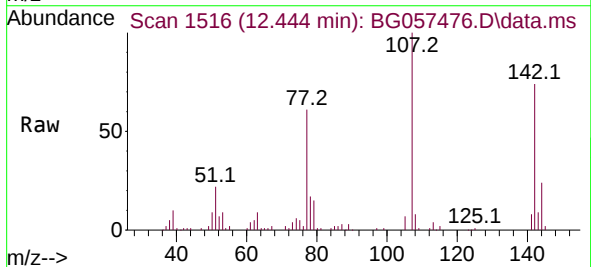
Tgt Ion:107 Resp: 71458

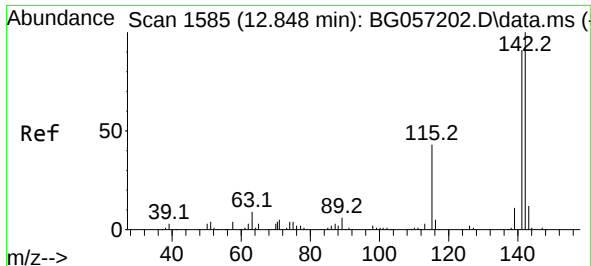
Ion Ratio Lower Upper

107 100

144 24.0 21.0 31.6

142 74.2 60.0 90.0





#37

2-Methylnaphthalene

Concen: 46.535 ng

RT: 12.820 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

Tgt Ion:142 Resp: 136298

Ion Ratio Lower Upper

142 100

141 87.3 73.1 109.7

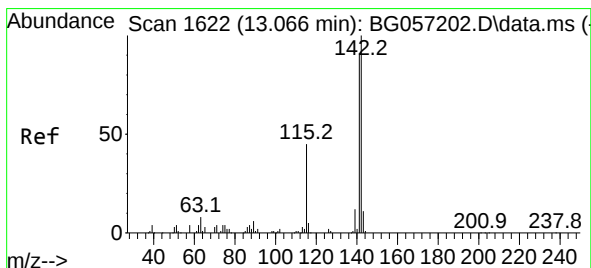
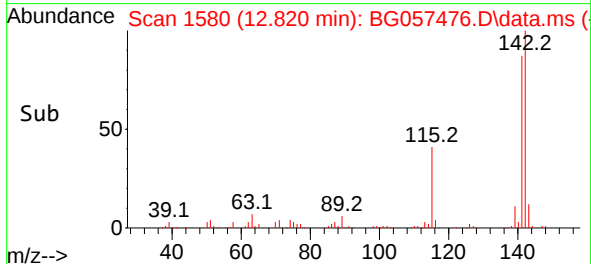
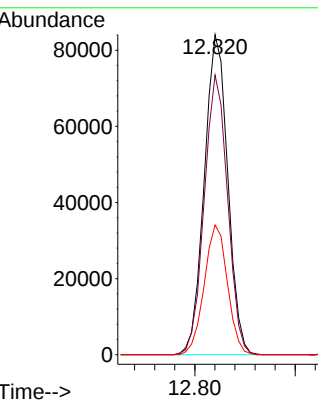
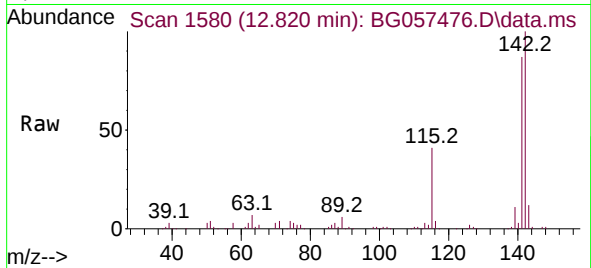
115 40.5 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#38

1-Methylnaphthalene

Concen: 46.378 ng

RT: 13.038 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

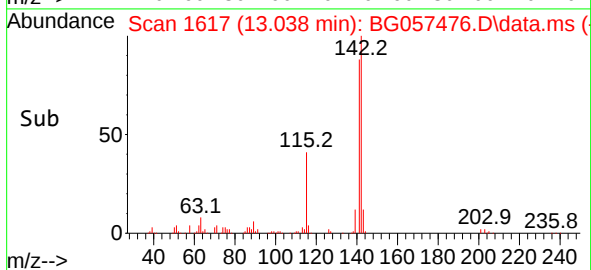
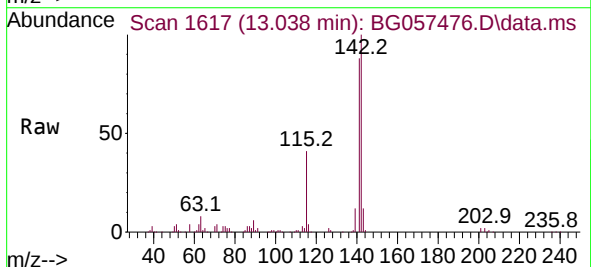
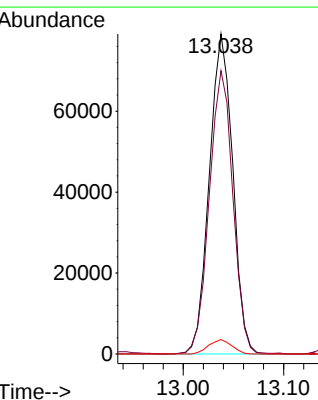
Tgt Ion:142 Resp: 128036

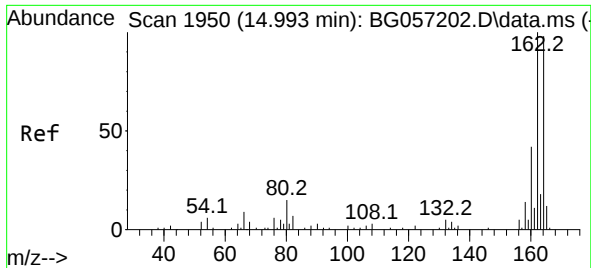
Ion Ratio Lower Upper

142 100

141 88.5 72.5 108.7

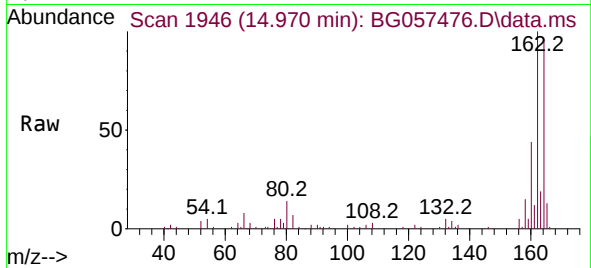
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

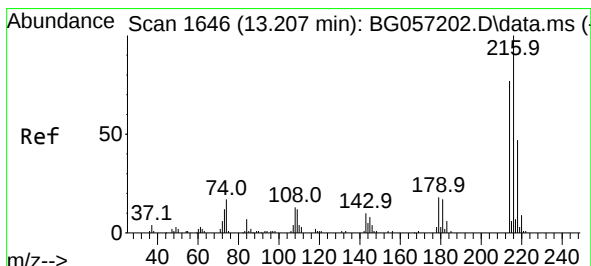
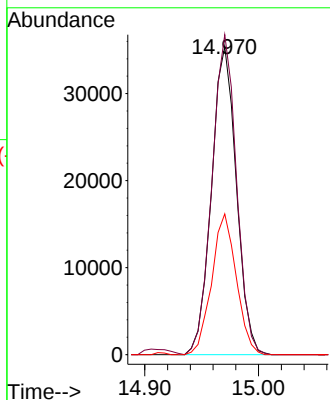
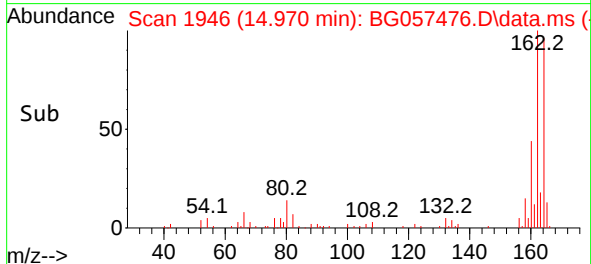
Instrument :
BNA_G
ClientSampleId :
TP5MSD



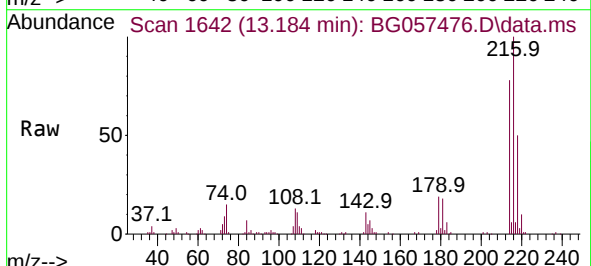
Tgt Ion:164 Resp: 53749
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 45.7 34.6 52.0

Manual Integrations
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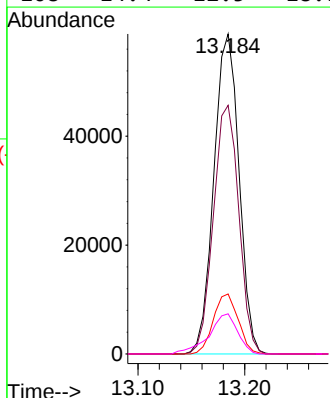
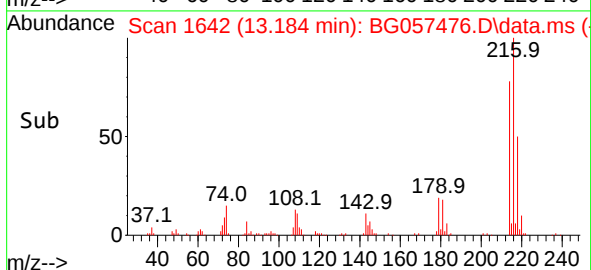
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

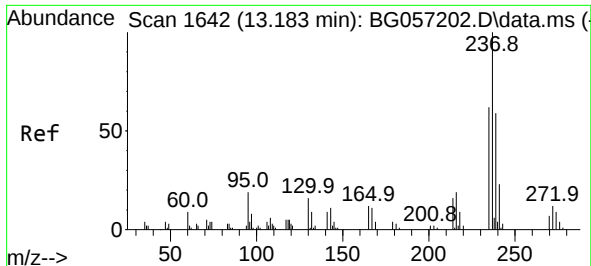


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.364 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



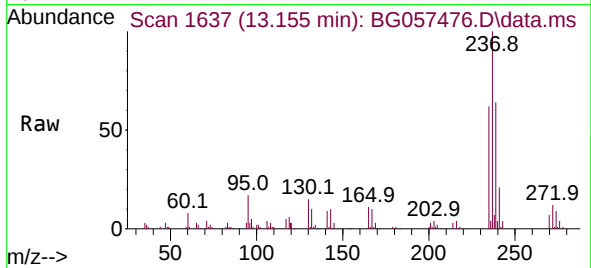
Tgt Ion:216 Resp: 96101
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 18.5 14.6 22.0
108 14.4 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 80.861 ng
RT: 13.155 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

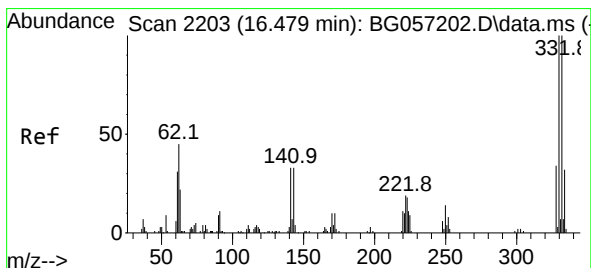
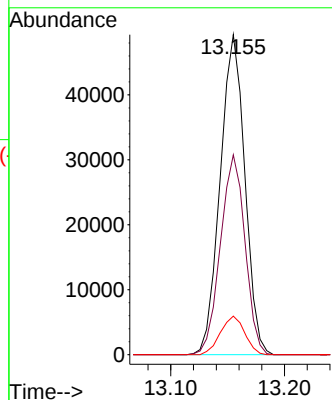
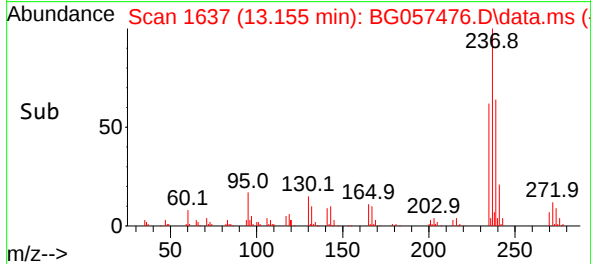
Instrument :
BNA_G
ClientSampleId :
TP5MSD



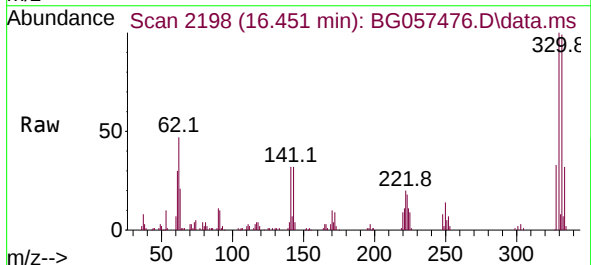
Tgt Ion:237 Resp: 7423
Ion Ratio Lower Upper
237 100
235 62.4 42.0 82.0
272 12.0 0.0 31.5

Manual Integrations
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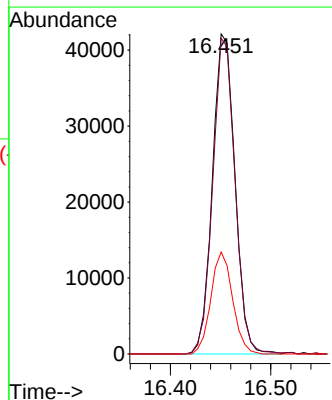
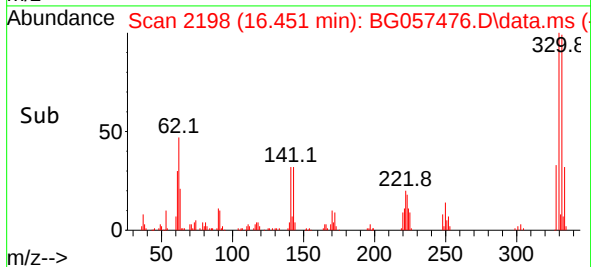
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

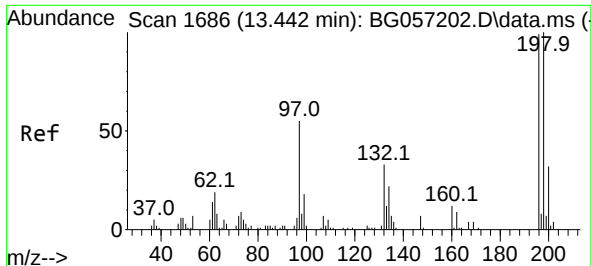


#42
2,4,6-Tribromophenol
Concen: 86.101 ng
RT: 16.451 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



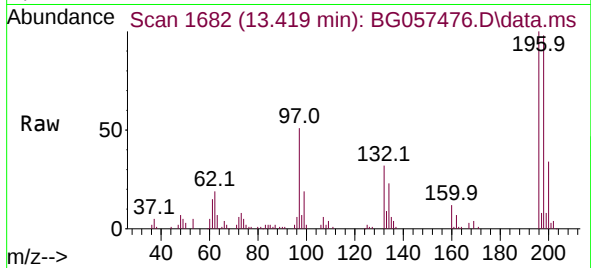
Tgt Ion:330 Resp: 65664
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.2
141 30.7 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 54.105 ng
RT: 13.419 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

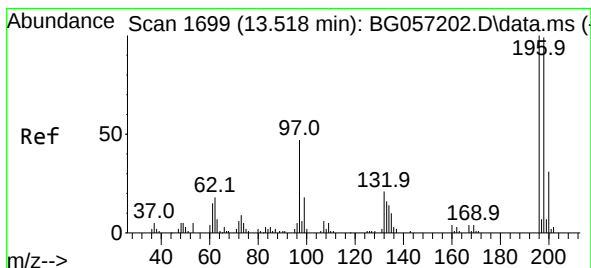
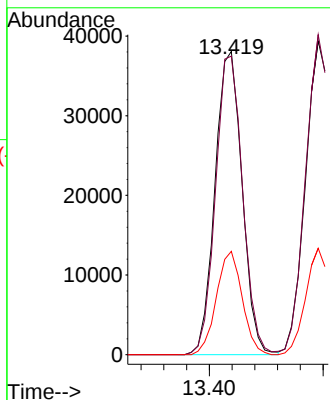
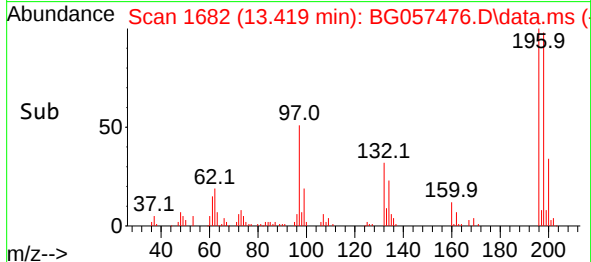
Instrument :
BNA_G
ClientSampleId :
TP5MSD



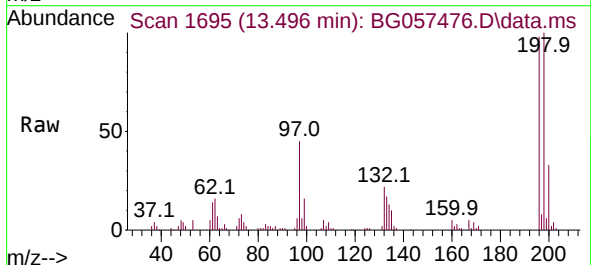
Tgt Ion:196 Resp: 6289
Ion Ratio Lower Upper
196 100
198 98.5 81.2 121.8
200 34.1 26.3 39.5

Manual Integrations
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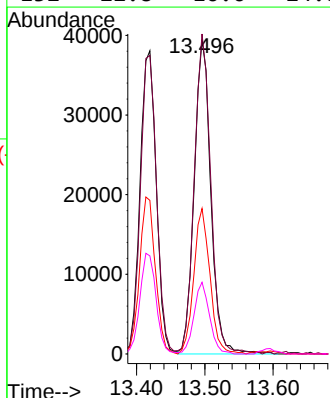
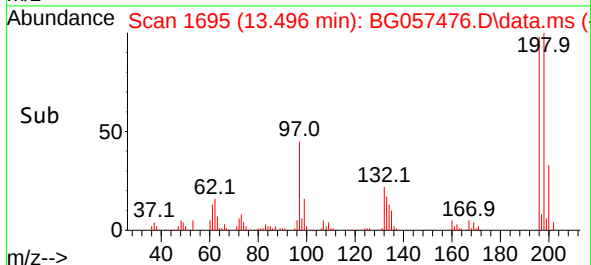
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

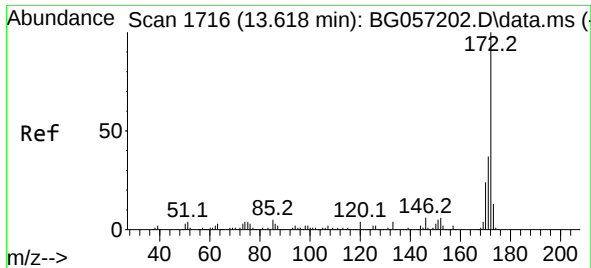


#44
2,4,5-Trichlorophenol
Concen: 48.929 ng
RT: 13.496 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:196 Resp: 66907
Ion Ratio Lower Upper
196 100
198 102.0 79.4 119.2
97 46.4 37.0 55.4
132 22.8 16.6 24.8





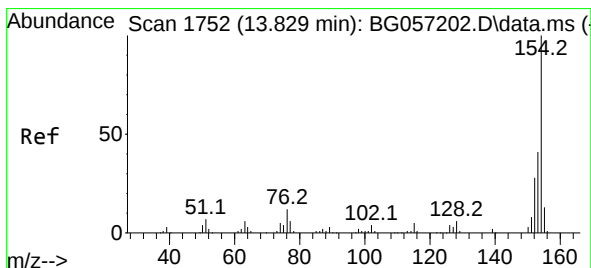
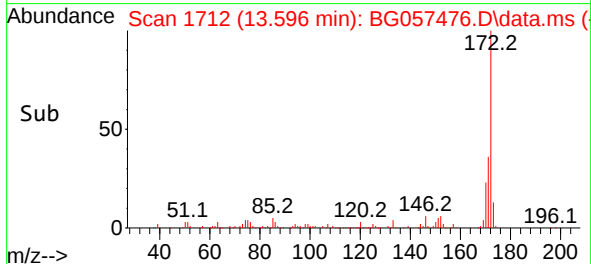
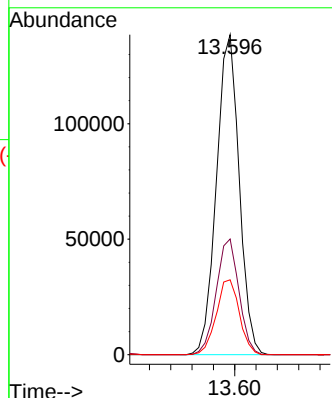
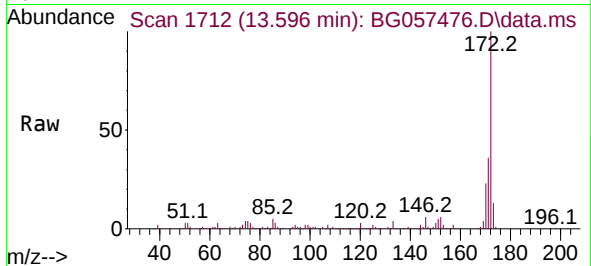
#45
2-Fluorobiphenyl
Concen: 51.270 ng
RT: 13.596 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion:172 Resp: 204611
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.4 19.0 28.6

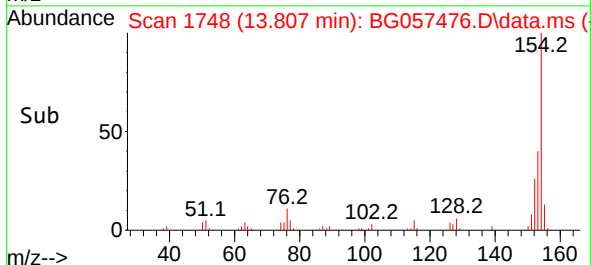
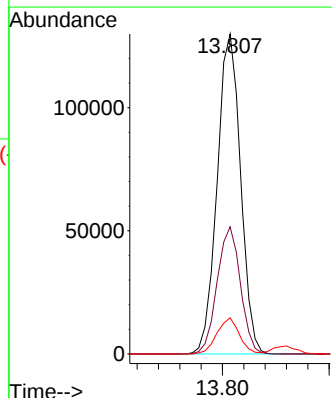
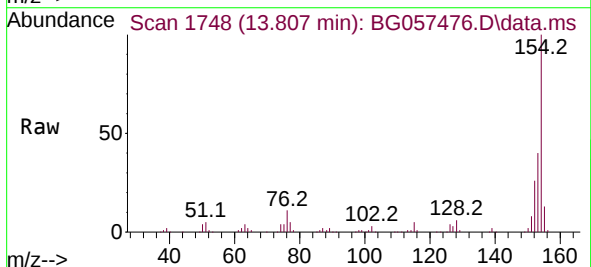
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#46
1,1'-Biphenyl
Concen: 49.526 ng
RT: 13.807 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

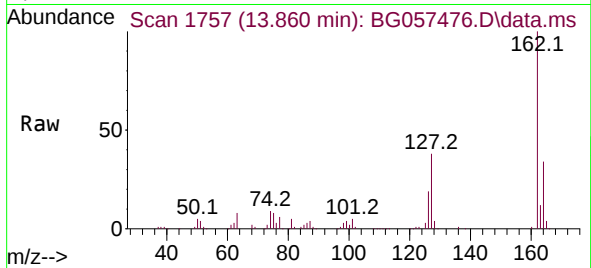
Tgt Ion:154 Resp: 197527
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 11.3 0.0 31.7





#47
2-Chloronaphthalene
Concen: 50.118 ng
RT: 13.860 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

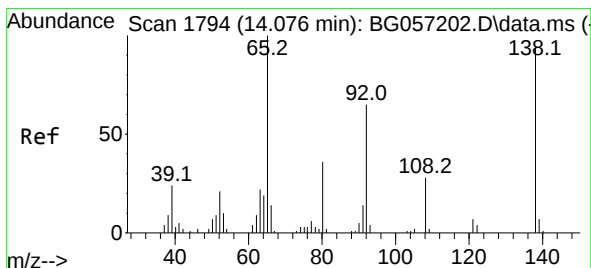
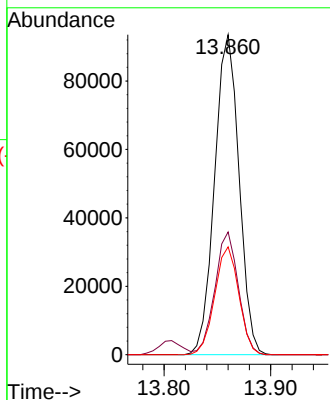
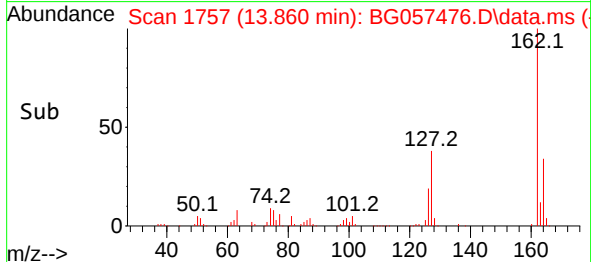
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:162 Resp: 14864
Ion Ratio Lower Upper
162 100
127 38.3 29.8 44.6
164 33.7 26.6 40.0

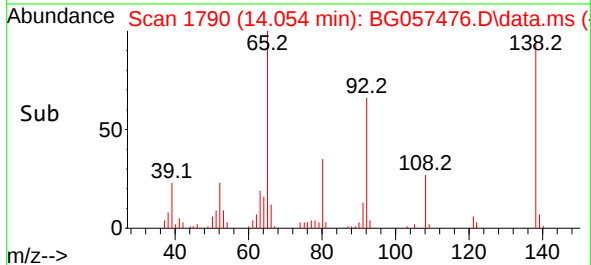
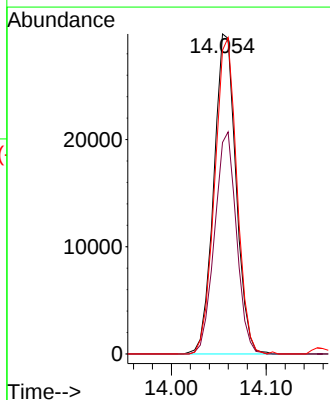
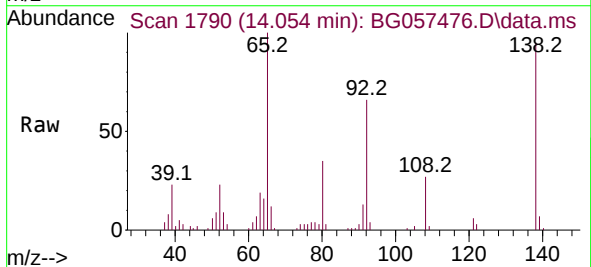
Manual Integrations
APPROVED

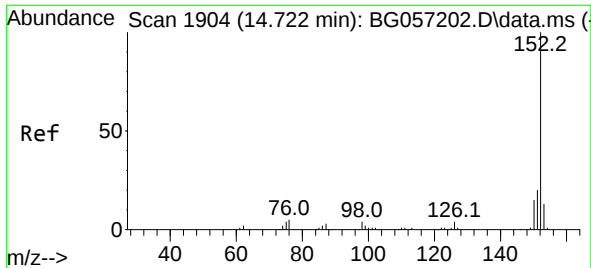
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#48
2-Nitroaniline
Concen: 48.163 ng
RT: 14.054 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

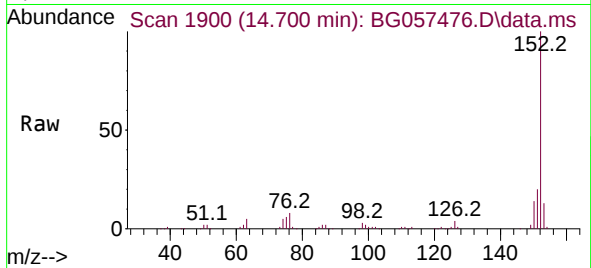
Tgt Ion: 65 Resp: 48570
Ion Ratio Lower Upper
65 100
92 66.1 52.1 78.1
138 94.9 75.3 112.9





#49
Acenaphthylene
Concen: 48.467 ng
RT: 14.700 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

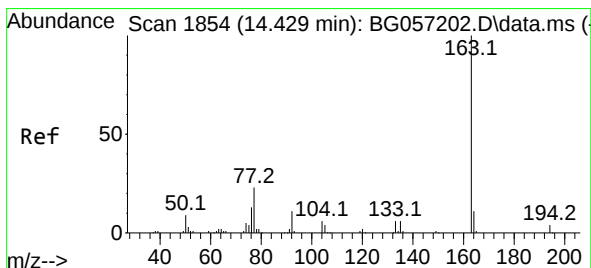
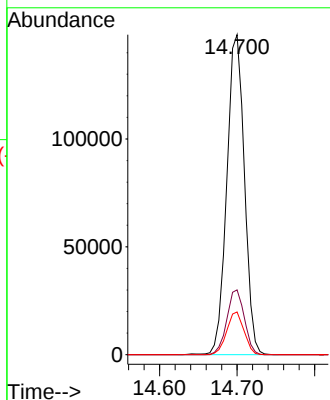
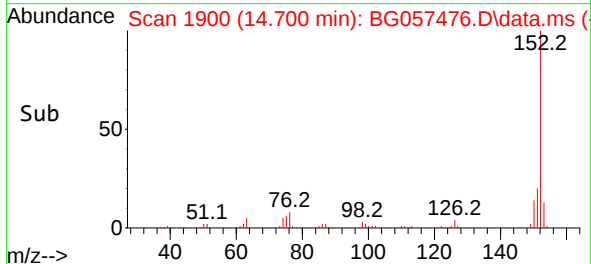
Instrument :
BNA_G
ClientSampleId :
TP5MSD



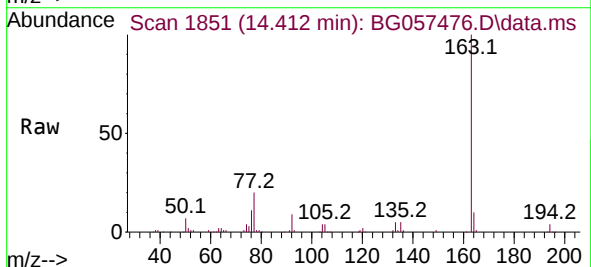
Tgt Ion:152 Resp: 233538
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.7 16.1

Manual Integrations
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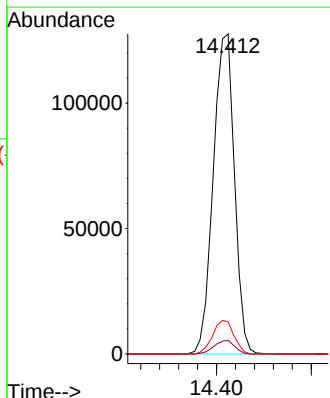
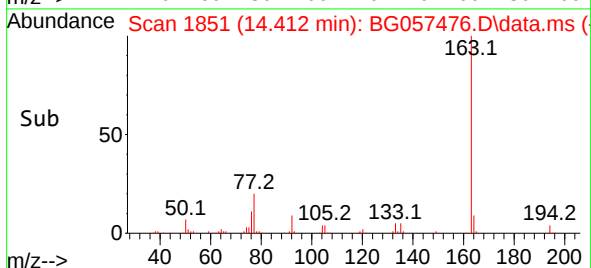
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

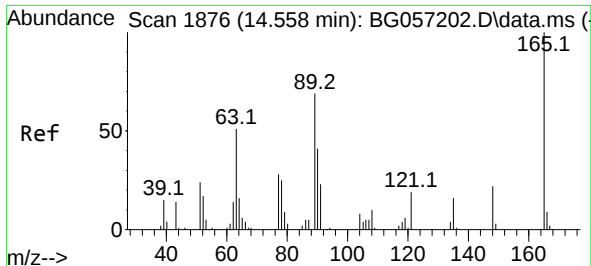


#50
Dimethylphthalate
Concen: 44.827 ng
RT: 14.412 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:163 Resp: 197992
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.8 13.2





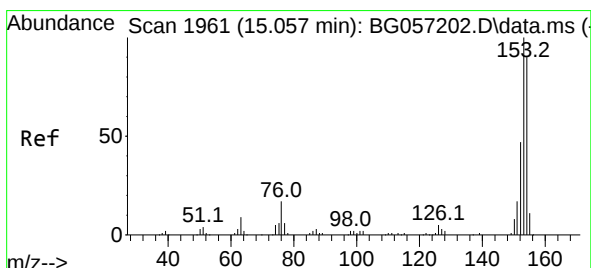
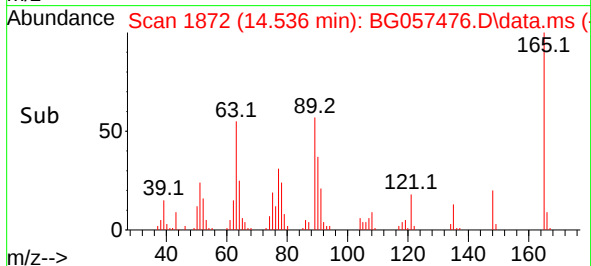
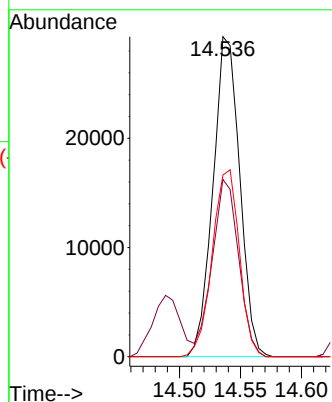
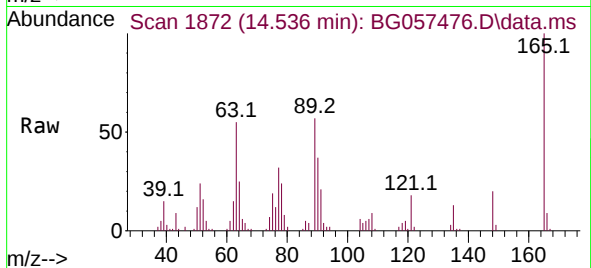
#51
2,6-Dinitrotoluene
Concen: 49.549 ng
RT: 14.536 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion:165 Resp: 44684
Ion Ratio Lower Upper
165 100
63 55.4 50.9 76.3
89 56.8 55.2 82.8

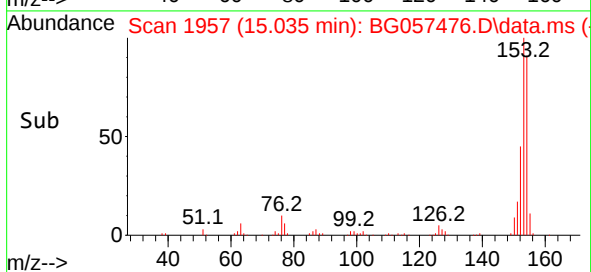
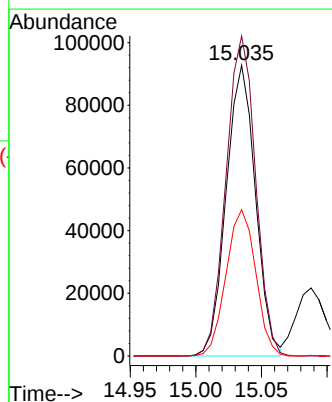
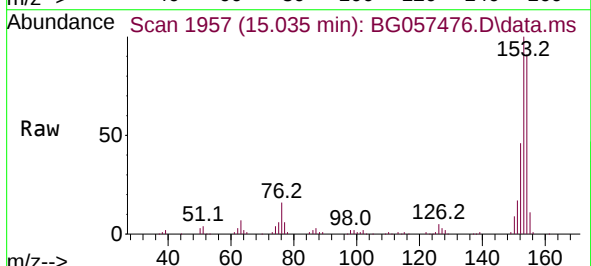
Manual Integrations
APPROVED

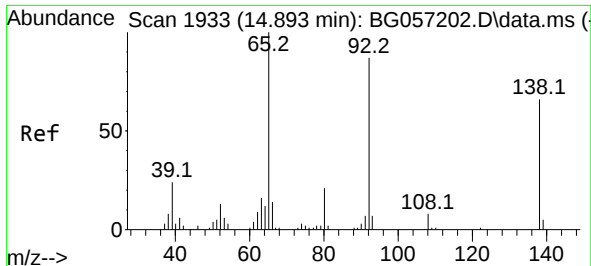
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#52
Acenaphthene
Concen: 47.774 ng
RT: 15.035 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion:154 Resp: 143843
Ion Ratio Lower Upper
154 100
153 110.1 89.3 133.9
152 50.3 41.7 62.5





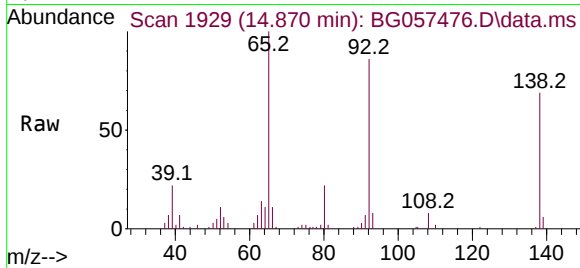
#53
3-Nitroaniline
Concen: 32.091 ng
RT: 14.870 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

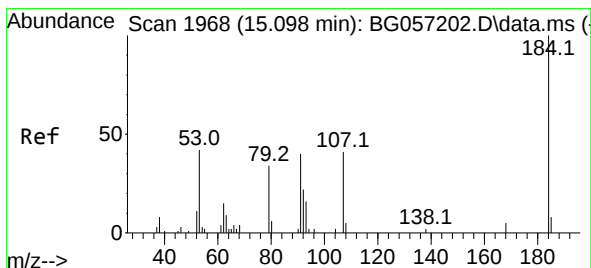
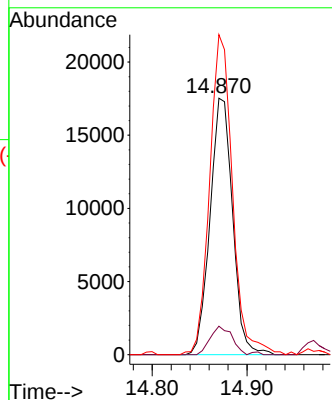
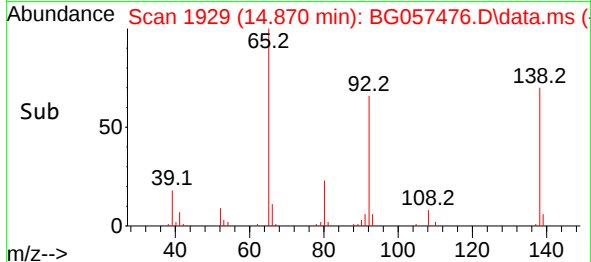


Tgt Ion:138 Resp: 2899
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 124.7 106.2 159.4

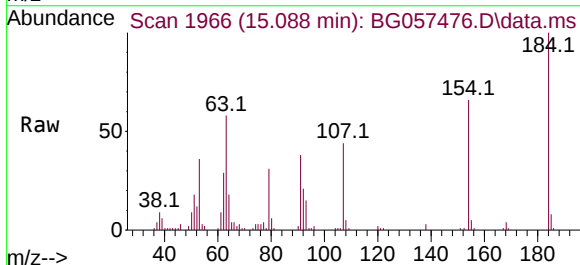
Manual Integrations

APPROVED

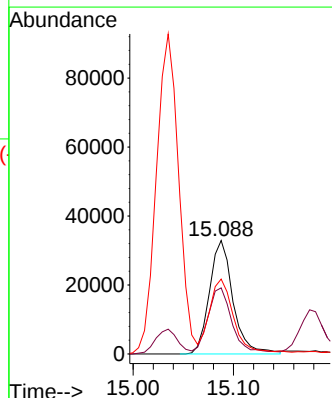
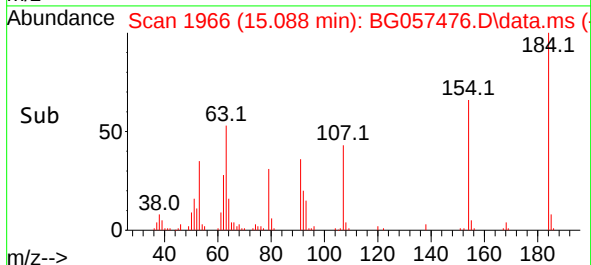
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

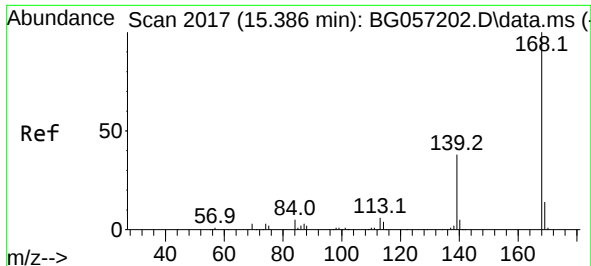


#54
2,4-Dinitrophenol
Concen: 95.229 ng
RT: 15.088 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



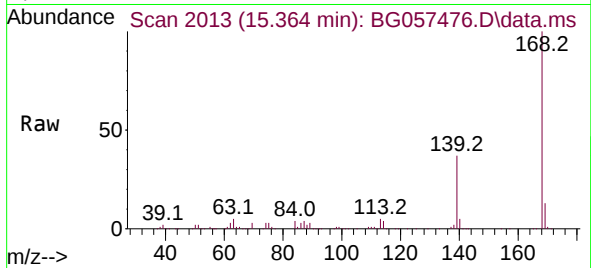
Tgt Ion:184 Resp: 53740
Ion Ratio Lower Upper
184 100
63 58.2 48.2 72.4
154 66.0 55.4 83.2





#55
Dibenzenofuran
Concen: 47.463 ng
RT: 15.364 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

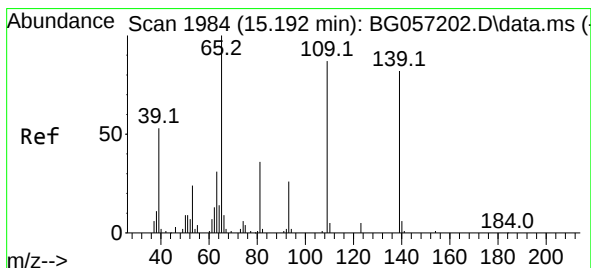
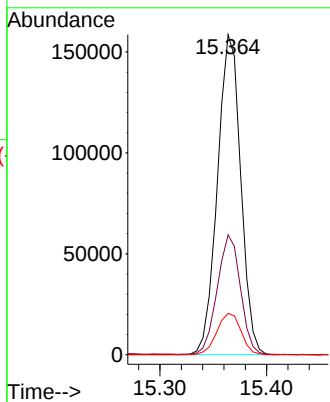
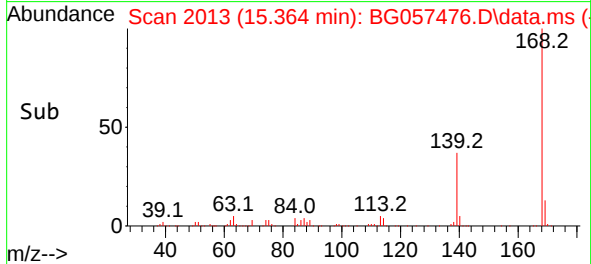
Instrument :
BNA_G
ClientSampleId :
TP5MSD



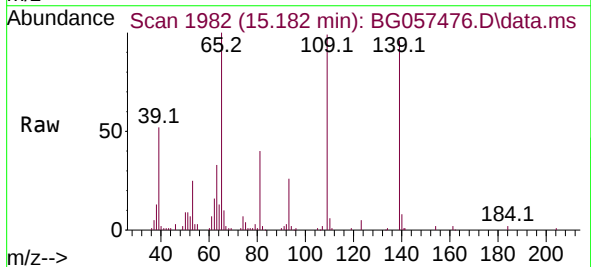
Tgt Ion:168 Resp: 240109
Ion Ratio Lower Upper
168 100
139 37.4 30.7 46.1
169 12.9 10.9 16.3

Manual Integrations
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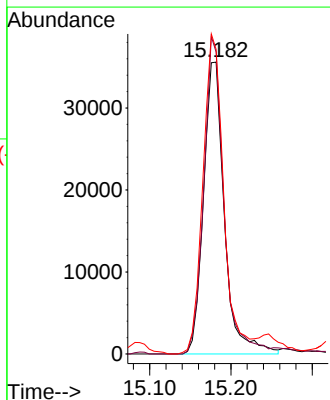
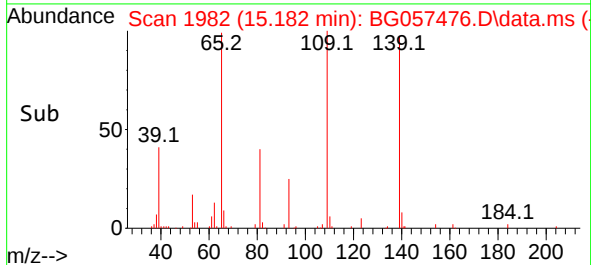
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

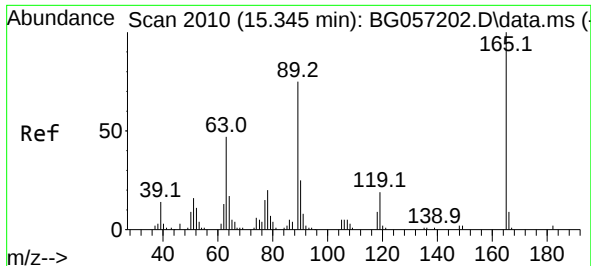


#56
4-Nitrophenol
Concen: 105.624 ng
RT: 15.182 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



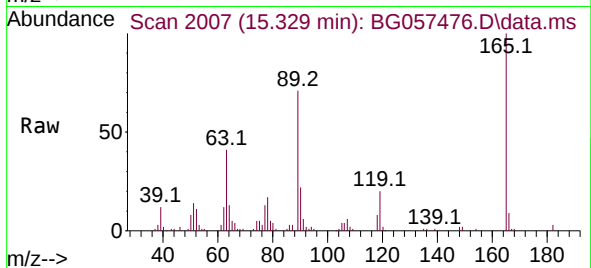
Tgt Ion:139 Resp: 63467
Ion Ratio Lower Upper
139 100
109 103.4 86.6 126.6
65 104.4 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 49.534 ng
RT: 15.329 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

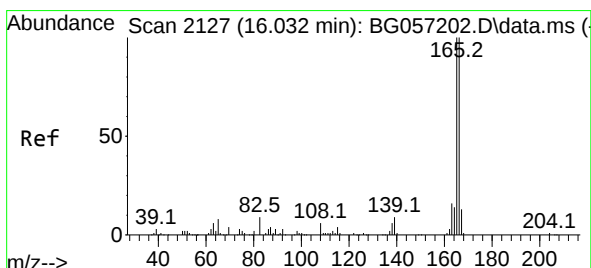
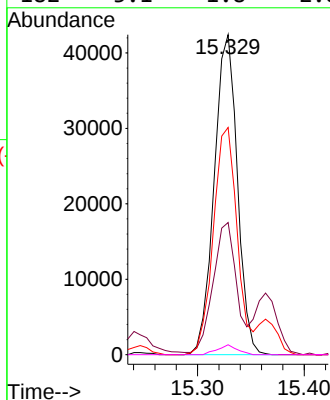
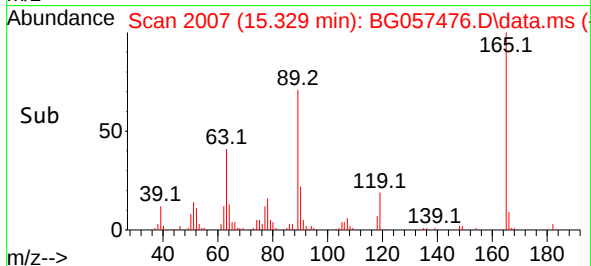
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:165 Resp: 6384
Ion Ratio Lower Upper
165 100
63 41.3 37.5 56.3
89 71.0 60.2 90.4
182 3.1 1.8 2.8#

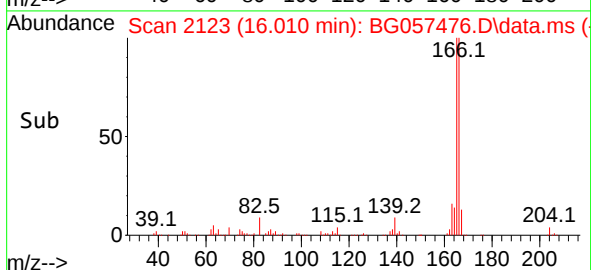
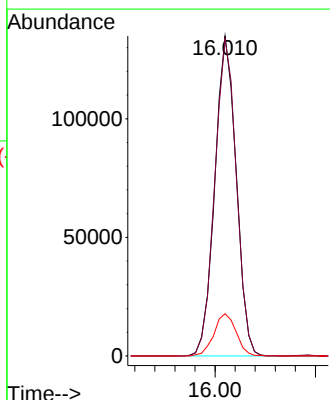
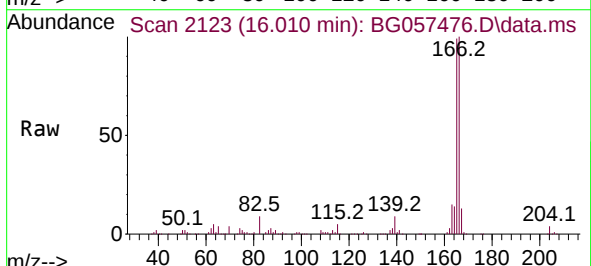
Manual Integrations
APPROVED

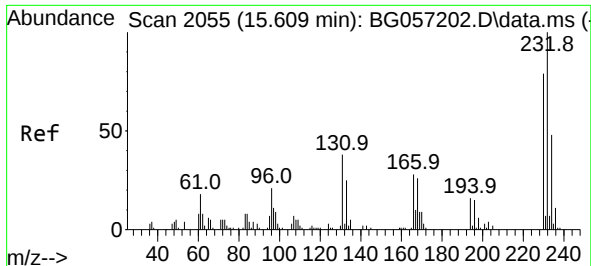
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#58
Fluorene
Concen: 47.841 ng
RT: 16.010 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

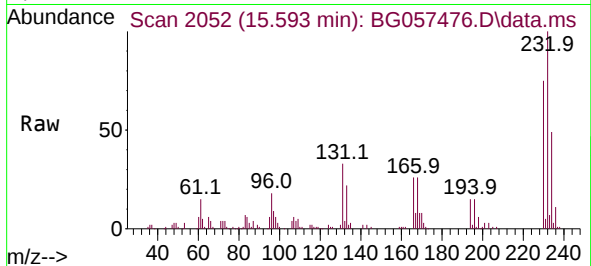
Tgt Ion:166 Resp: 199355
Ion Ratio Lower Upper
166 100
165 99.1 80.1 120.1
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.378 ng
RT: 15.593 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

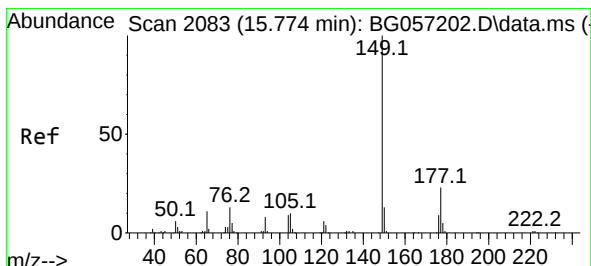
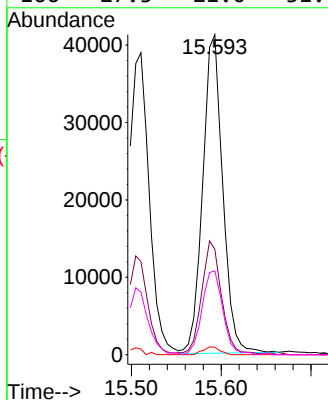
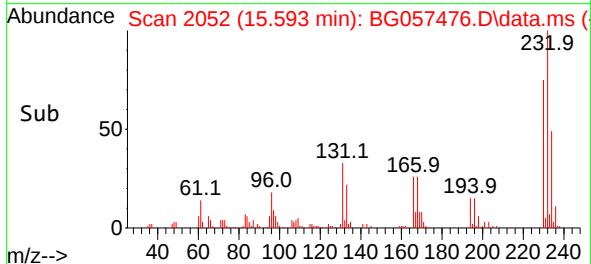
Instrument :
BNA_G
ClientSampleId :
TP5MSD



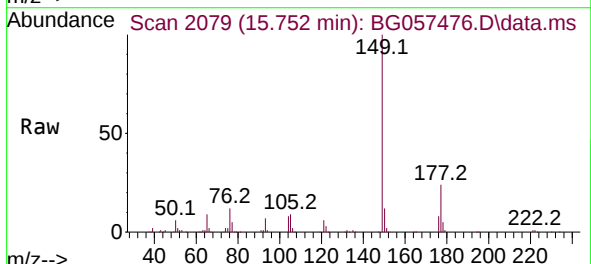
Tgt Ion:232 Resp: 63690
Ion Ratio Lower Upper
232 100
131 36.0 28.6 42.8
130 2.1 1.6 2.4
166 27.3 21.0 31.6

Manual Integrations
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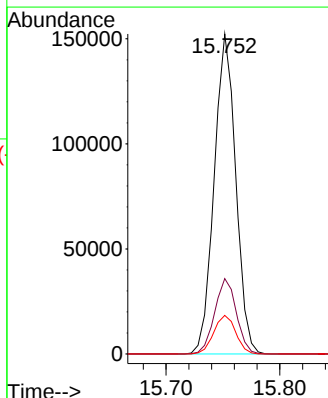
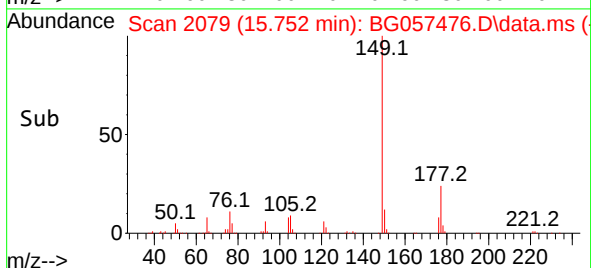
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

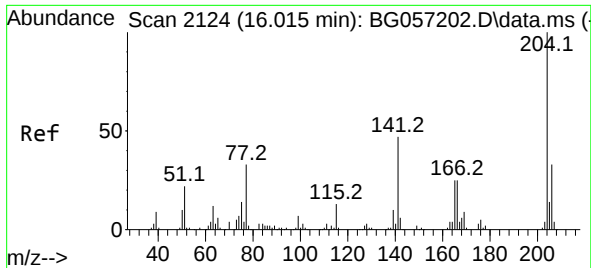


#60
Diethylphthalate
Concen: 44.746 ng
RT: 15.752 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:149 Resp: 200707
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.0 10.1 15.1





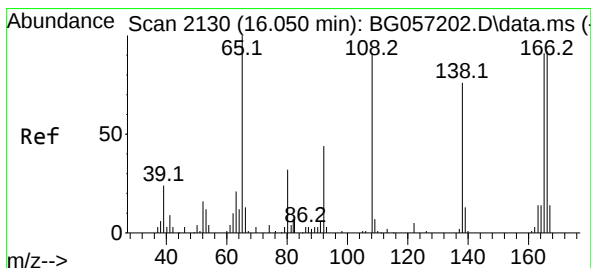
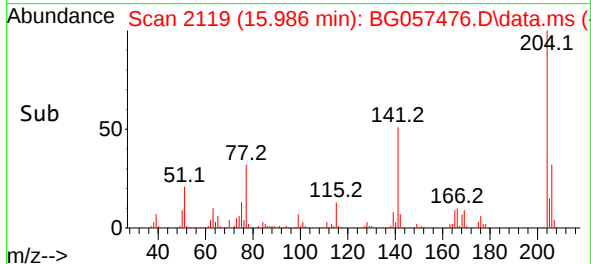
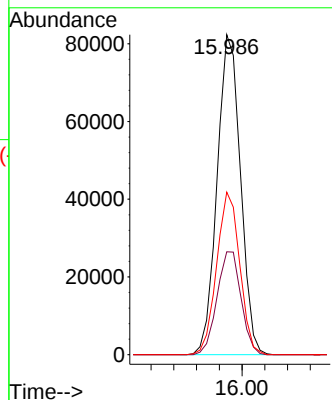
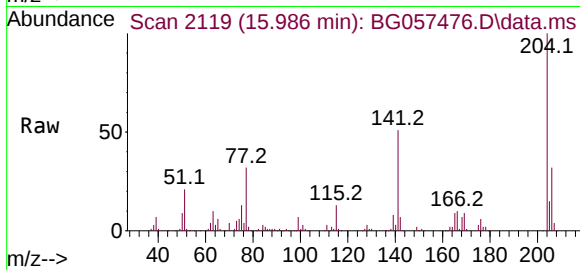
#61
4-Chlorophenyl-phenylether
Concen: 46.750 ng
RT: 15.986 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion:204 Resp: 11735
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 50.8 37.4 56.0

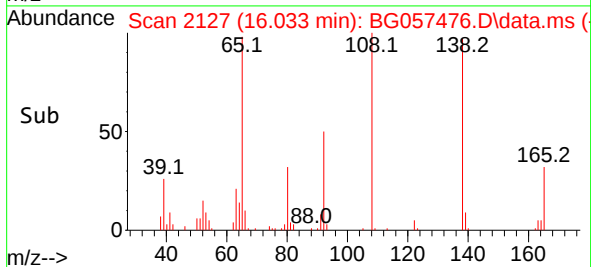
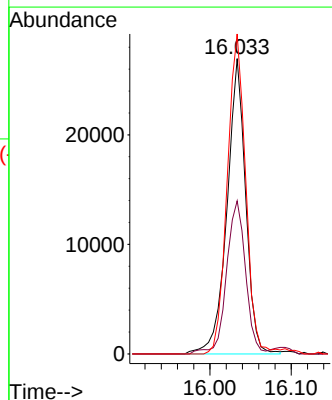
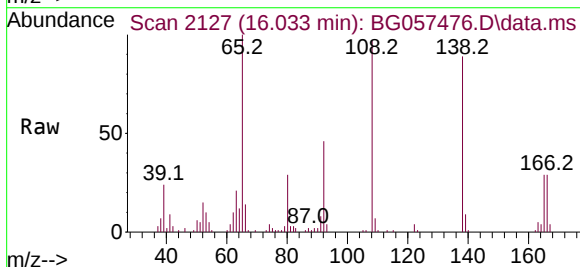
Manual Integrations
APPROVED

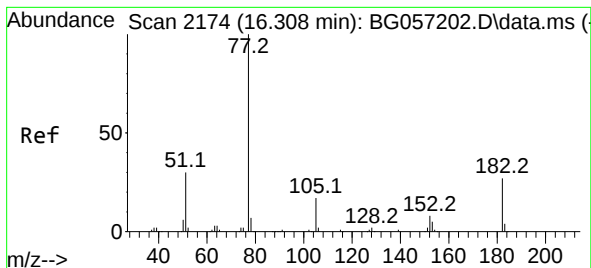
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 47.337 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion:138 Resp: 43144
Ion Ratio Lower Upper
138 100
92 51.8 38.2 78.2
108 108.3 99.6 139.6





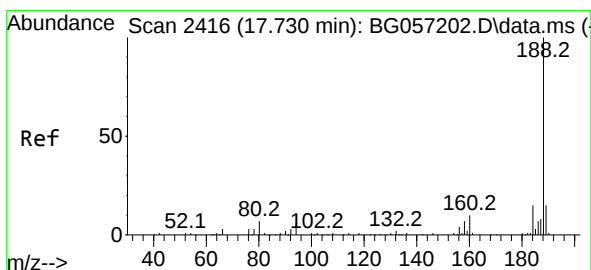
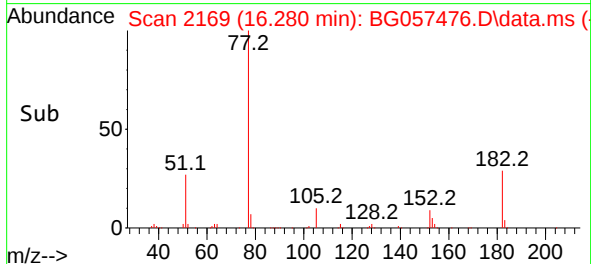
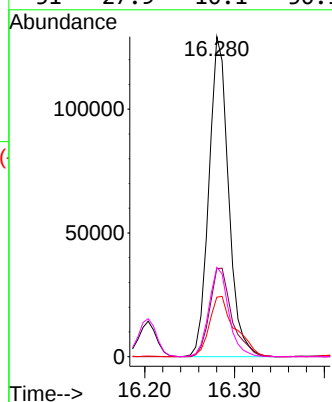
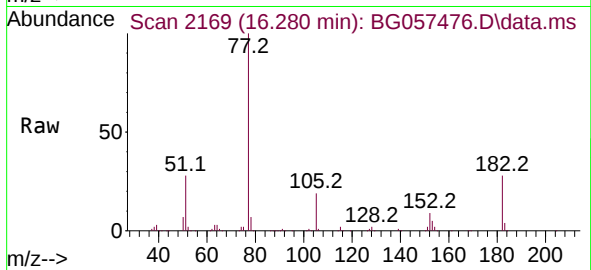
#63
Azobenzene
Concen: 45.235 ng
RT: 16.280 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :
BNA_G
ClientSampleId :
TP5MSD

Tgt Ion: 77 Resp: 19577
Ion Ratio Lower Upper
77 100
182 27.6 7.4 47.4
105 18.6 0.0 37.2
51 27.9 10.1 50.1

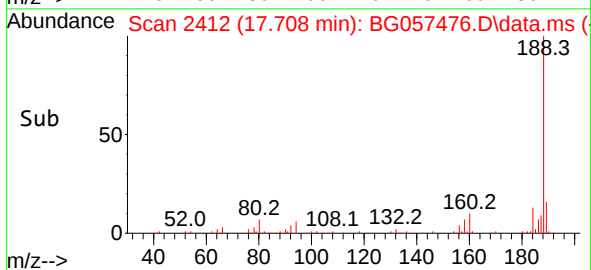
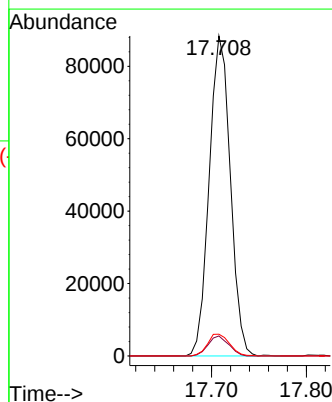
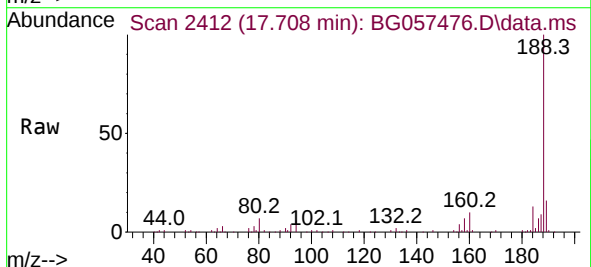
Manual Integrations
APPROVED

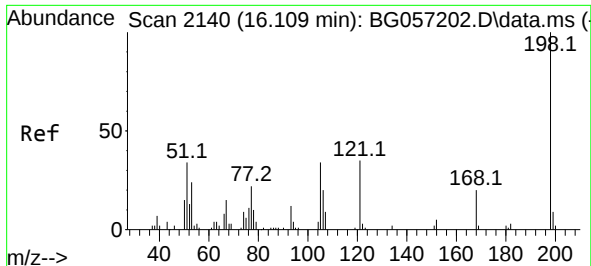
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.708 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

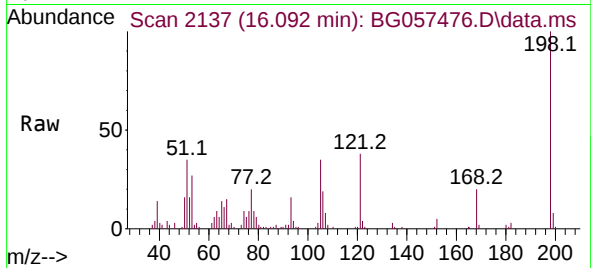
Tgt Ion:188 Resp: 136746
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 6.8 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.881 ng
RT: 16.092 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

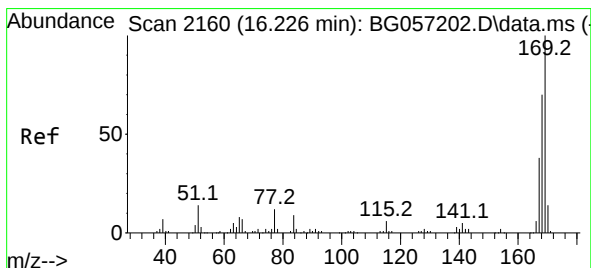
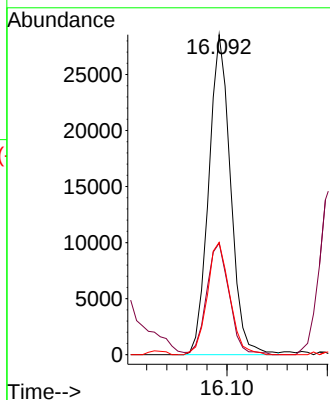
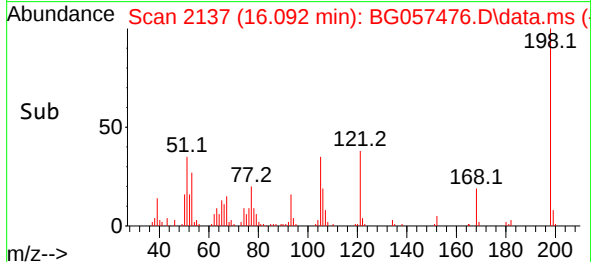
Instrument :
BNA_G
ClientSampleId :
TP5MSD



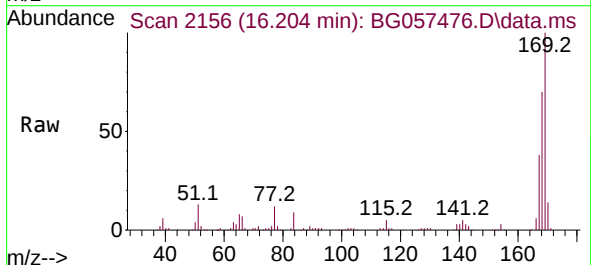
Tgt Ion:198 Resp: 4317
Ion Ratio Lower Upper
198 100
51 34.9 16.1 56.1
105 35.1 14.0 54.0

Manual Integrations
APPROVED

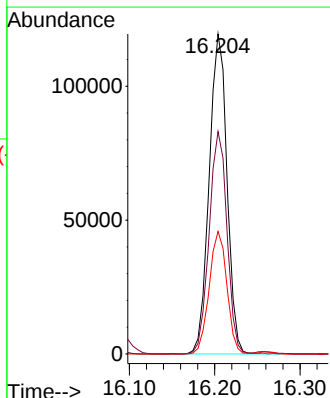
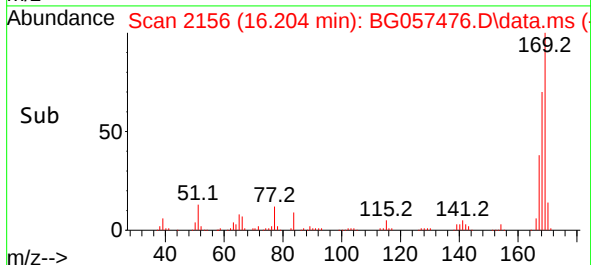
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#66
n-Nitrosodiphenylamine
Concen: 46.866 ng
RT: 16.204 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:169 Resp: 174062
Ion Ratio Lower Upper
169 100
168 69.5 56.2 84.4
167 38.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 47.146 ng
RT: 16.885 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

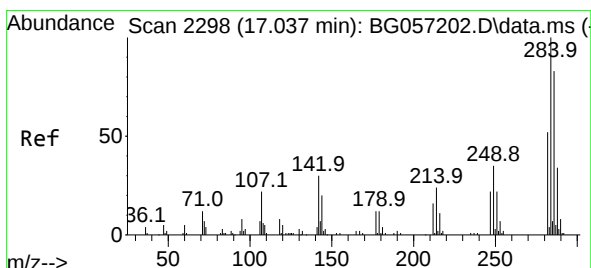
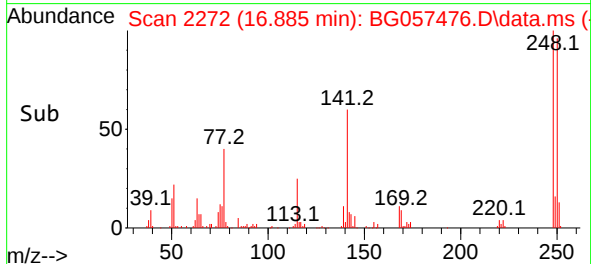
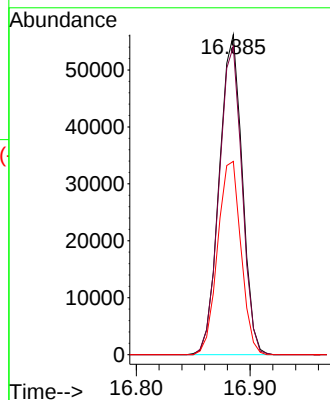
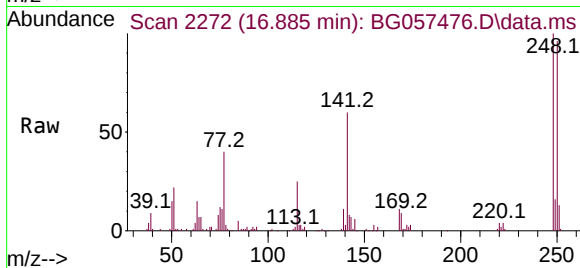
TP5MSD

Tgt Ion:248 Resp: 7870
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 60.4 48.6 72.8

Manual Integrations

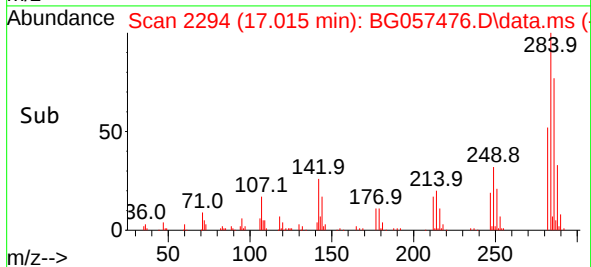
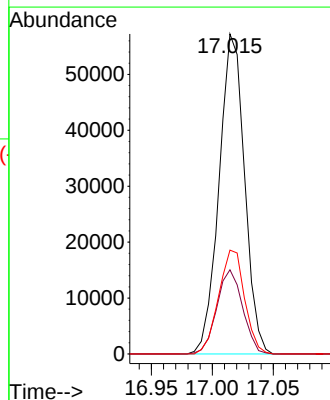
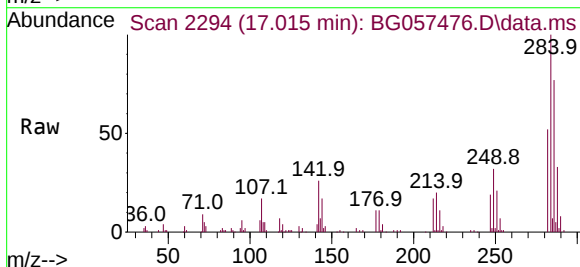
APPROVED

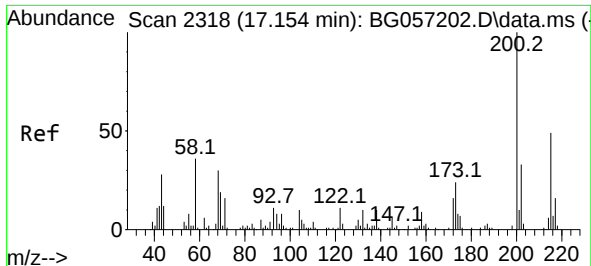
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#68
Hexachlorobenzene
Concen: 51.275 ng
RT: 17.015 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

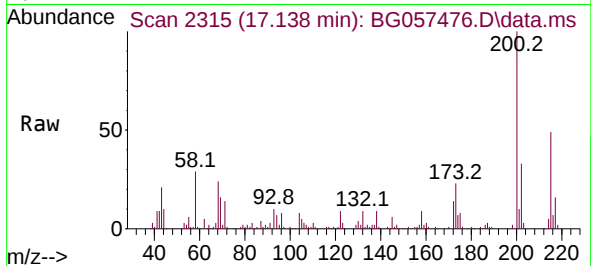
Tgt Ion:284 Resp: 83178
Ion Ratio Lower Upper
284 100
142 26.3 23.9 35.9
249 32.4 27.7 41.5





#69
 Atrazine
 Concen: 55.286 ng
 RT: 17.138 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057476.D
 Acq: 19 May 2023 20:55

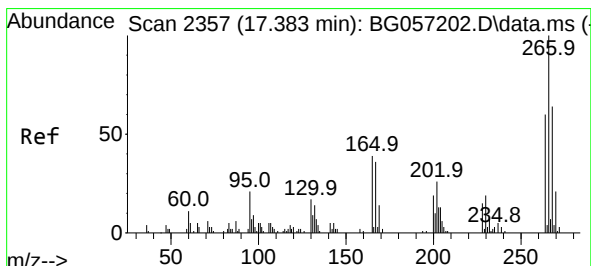
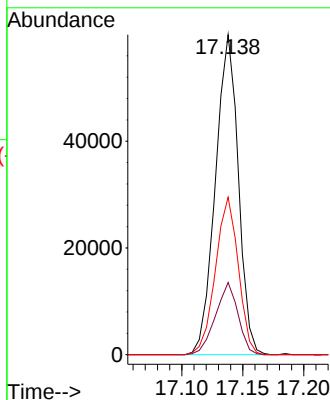
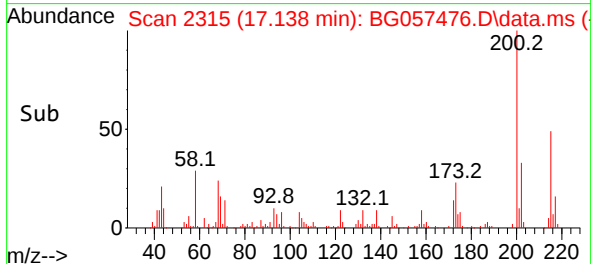
Instrument :
 BNA_G
 ClientSampleId :
 TP5MSD



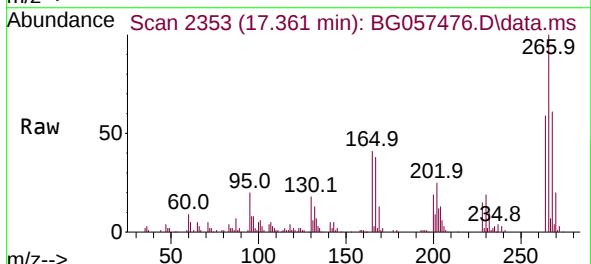
Tgt Ion:200 Resp: 78328
 Ion Ratio Lower Upper
 200 100
 173 22.6 4.3 44.3
 215 49.2 29.3 69.3

Manual Integrations
 APPROVED

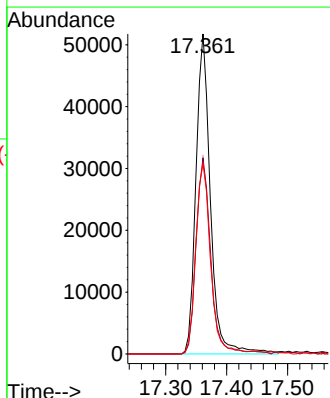
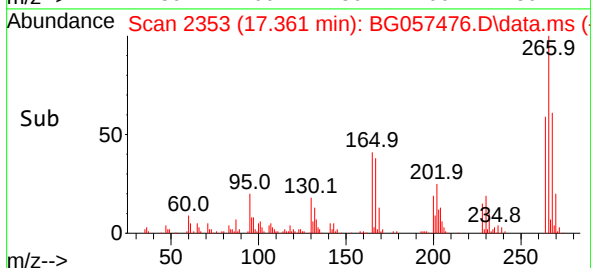
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

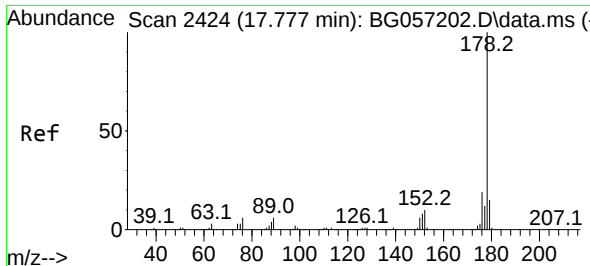


#70
 Pentachlorophenol
 Concen: 91.474 ng
 RT: 17.361 min Scan# 2353
 Delta R.T. -0.006 min
 Lab File: BG057476.D
 Acq: 19 May 2023 20:55



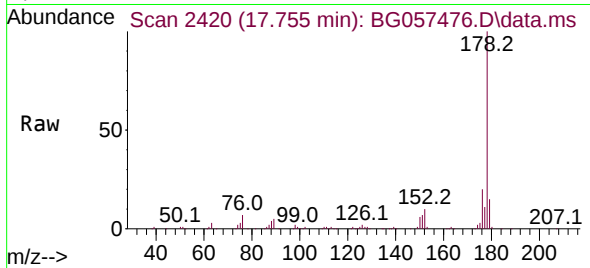
Tgt Ion:266 Resp: 85519
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.0 76.6
 264 59.4 47.8 71.6





#71
Phenanthrene
Concen: 46.955 ng
RT: 17.755 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

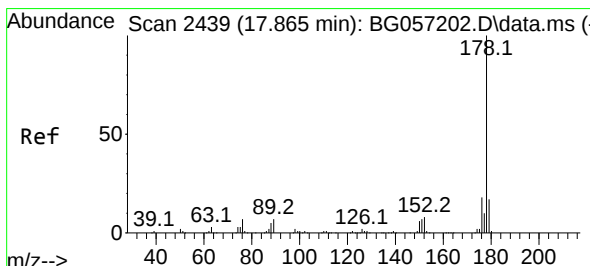
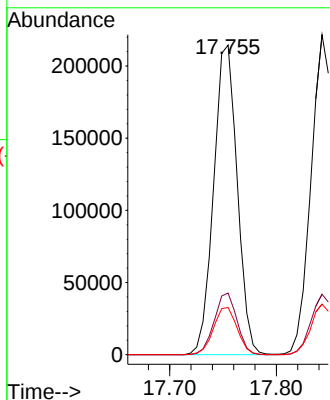
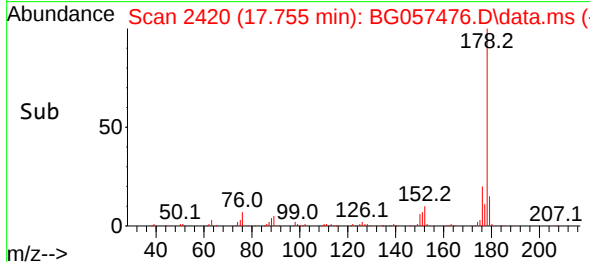
Instrument :
BNA_G
ClientSampleId :
TP5MSD



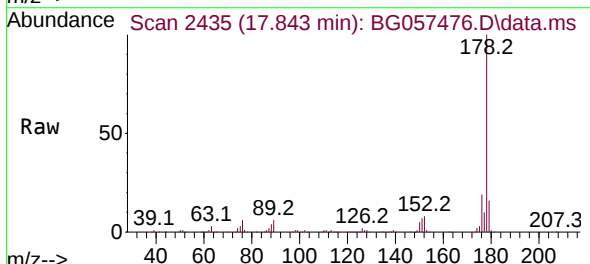
Tgt Ion:178 Resp: 32901
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations
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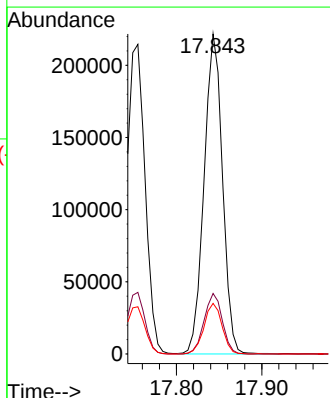
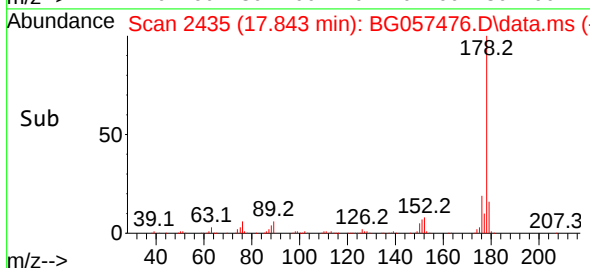
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

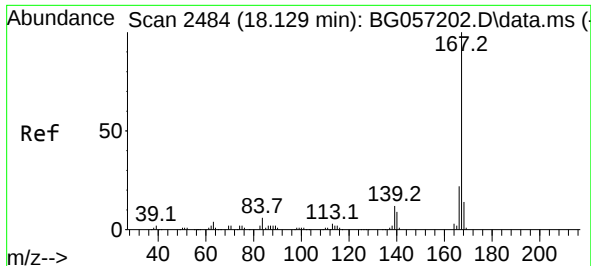


#72
Anthracene
Concen: 46.226 ng
RT: 17.843 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



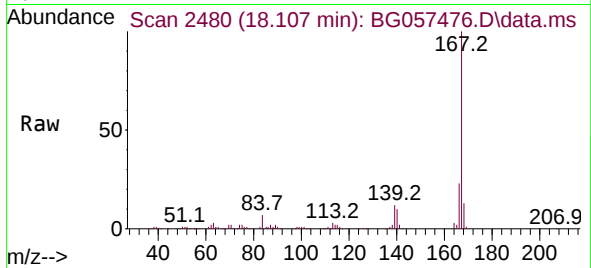
Tgt Ion:178 Resp: 332358
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.8 13.2 19.8





#73
Carbazole
Concen: 48.152 ng
RT: 18.107 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

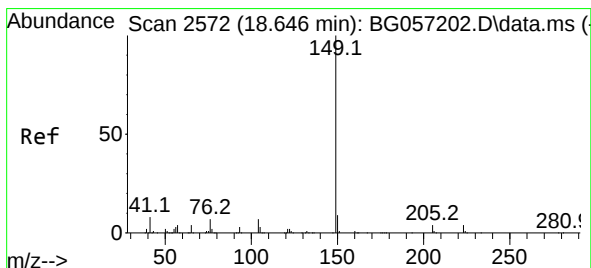
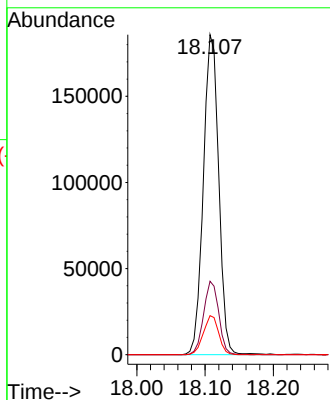
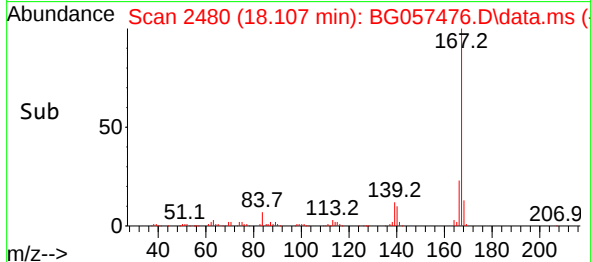
Instrument :
BNA_G
ClientSampleId :
TP5MSD



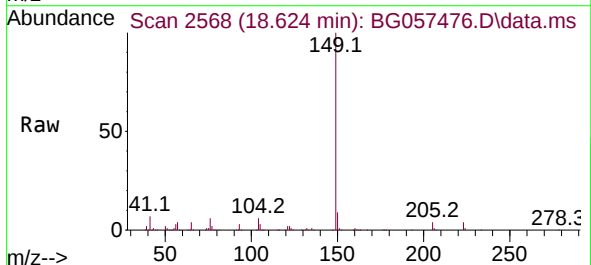
Tgt Ion:167 Resp: 291460
Ion Ratio Lower Upper
167 100
166 22.9 17.4 26.0
139 12.2 9.6 14.4

Manual Integrations
APPROVED

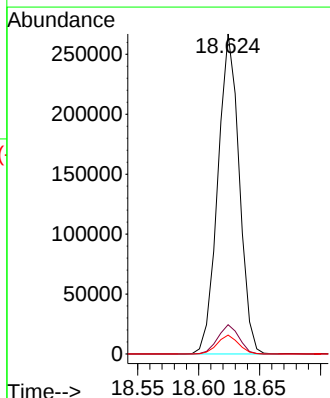
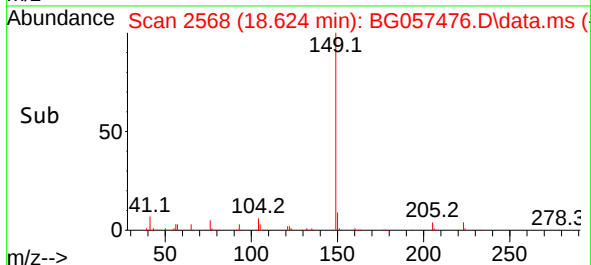
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

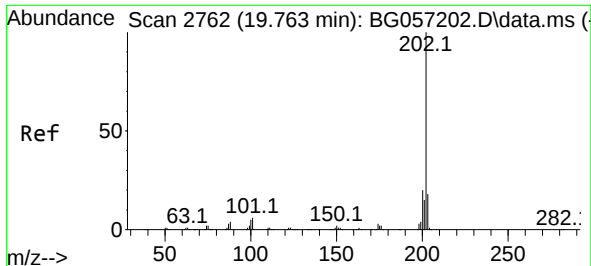


#74
Di-n-butylphthalate
Concen: 46.861 ng
RT: 18.624 min Scan# 2568
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



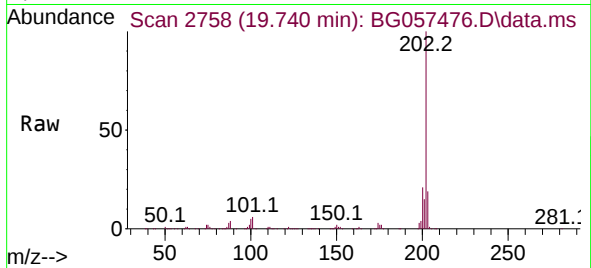
Tgt Ion:149 Resp: 326353
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.9 5.4 8.2





#75
Fluoranthene
Concen: 46.268 ng
RT: 19.740 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

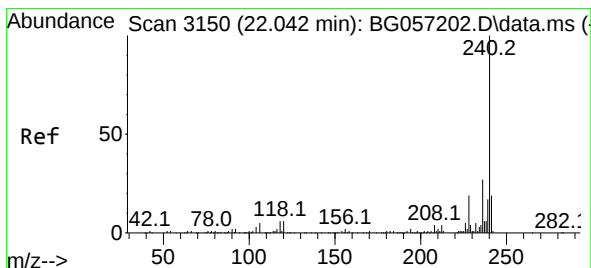
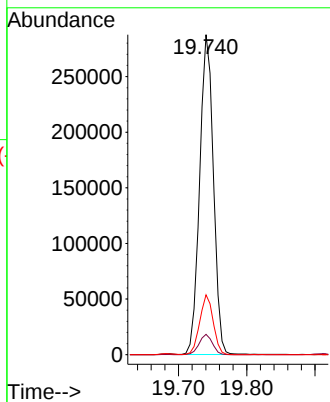
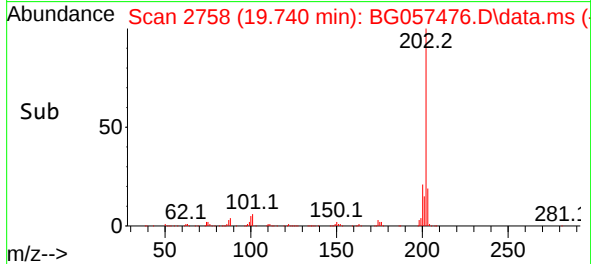
Instrument :
BNA_G
ClientSampleId :
TP5MSD



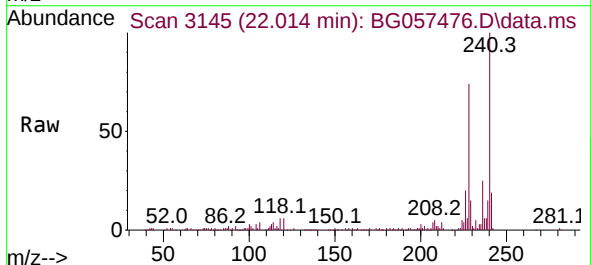
Tgt Ion:202 Resp: 403229
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.7 0.0 37.9

Manual Integrations
APPROVED

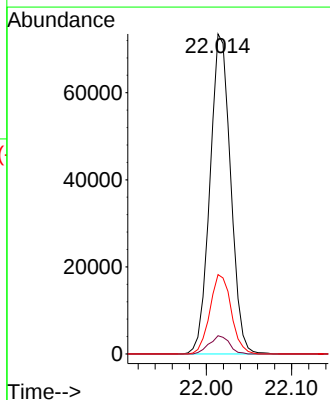
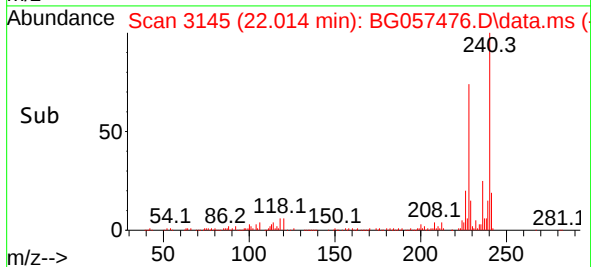
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

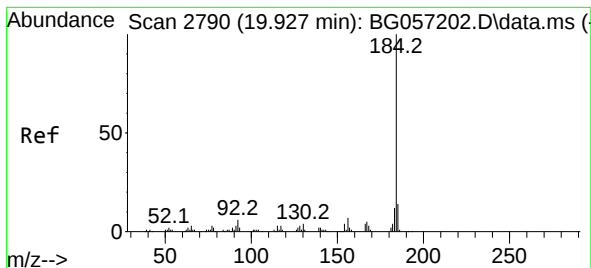


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.014 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:240 Resp: 123378
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 24.8 21.4 32.2





#77

Benzidine

Concen: 63.133 ng

RT: 19.905 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

Tgt Ion:184 Resp: 174138

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

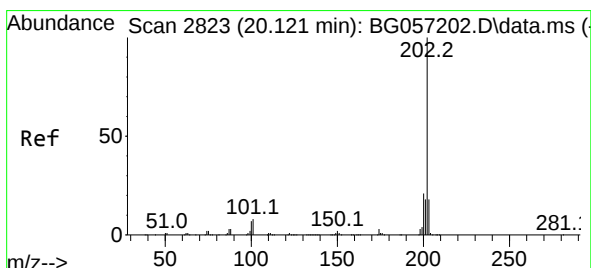
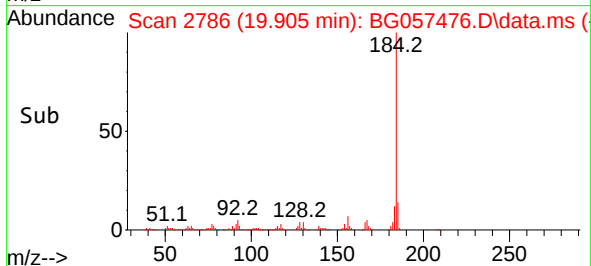
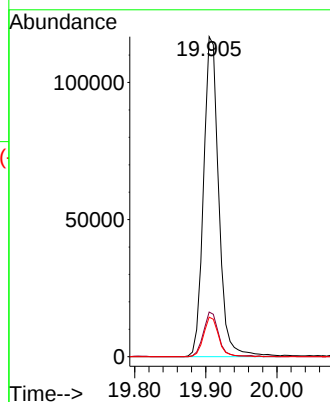
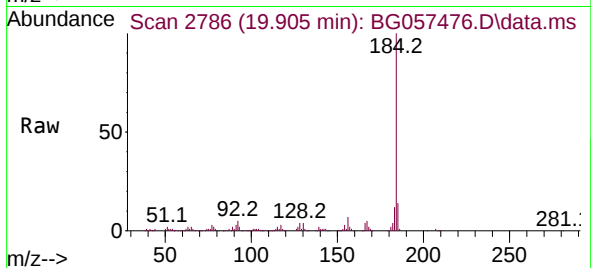
183 12.3 9.9 14.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#78

Pyrene

Concen: 45.432 ng

RT: 20.104 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

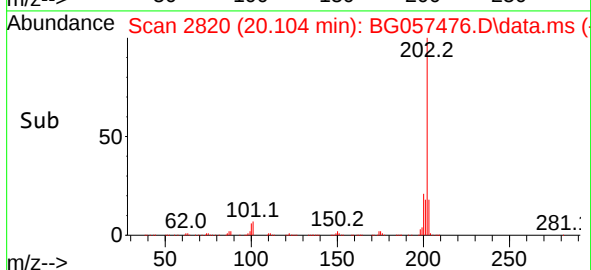
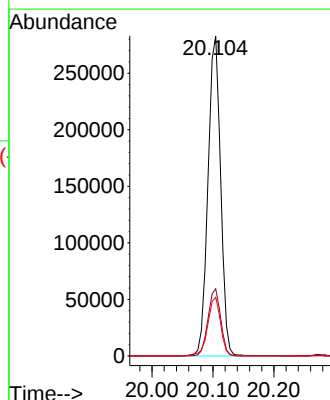
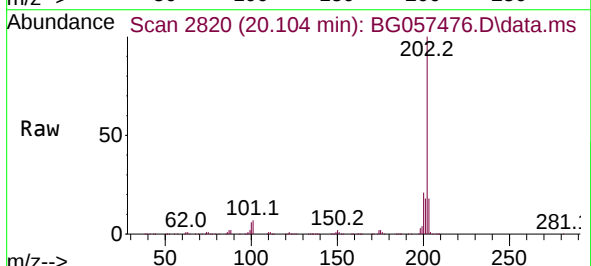
Tgt Ion:202 Resp: 407316

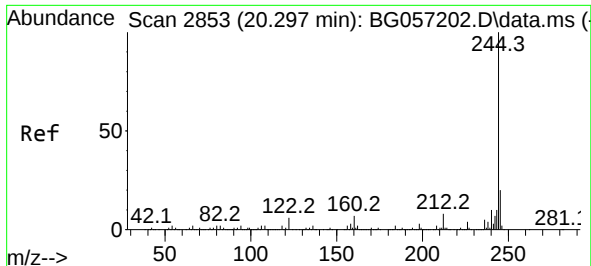
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

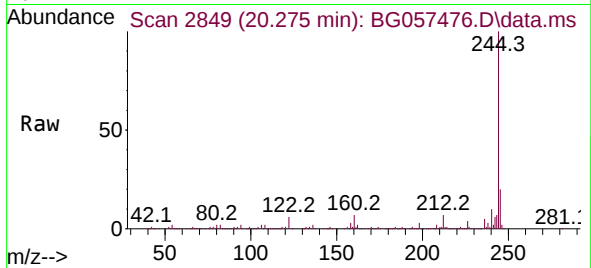
203 18.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 46.495 ng
 RT: 20.275 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BG057476.D
 Acq: 19 May 2023 20:55

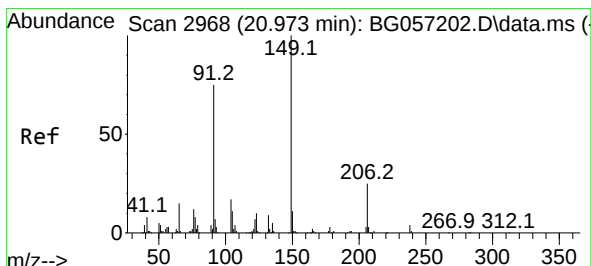
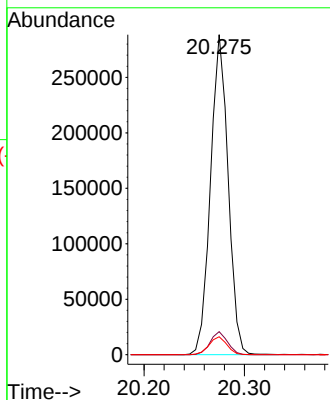
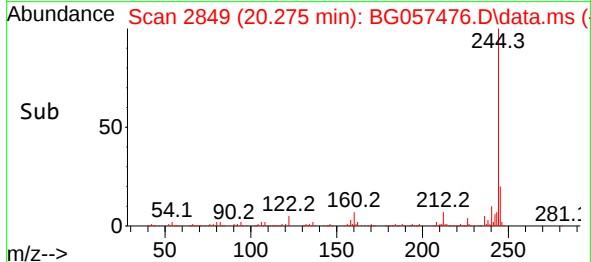
Instrument :
 BNA_G
 ClientSampleId :
 TP5MSD



Tgt Ion:244 Resp: 351511
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.6 5.1 7.7

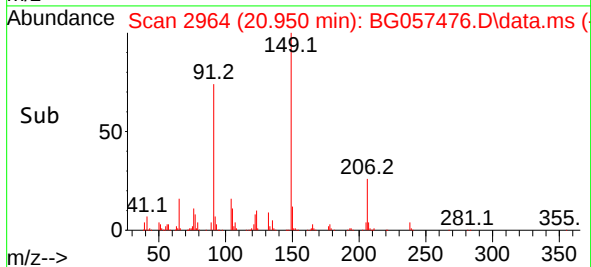
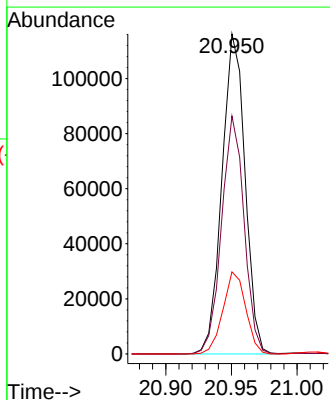
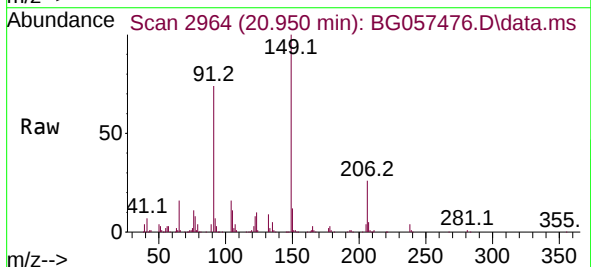
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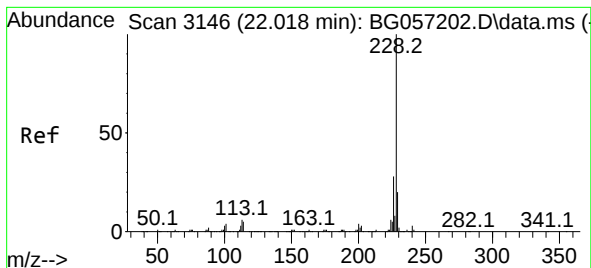
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Butylbenzylphthalate
 Concen: 49.898 ng
 RT: 20.950 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BG057476.D
 Acq: 19 May 2023 20:55

Tgt Ion:149 Resp: 141943
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.7 89.5
 206 25.7 19.7 29.5





#81

Benzo(a)anthracene

Concen: 46.848 ng

RT: 21.996 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

Tgt Ion:228 Resp: 41180

Ion Ratio Lower Upper

228 100

226 26.4 22.0 33.0

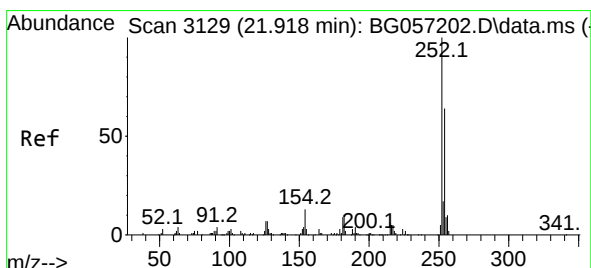
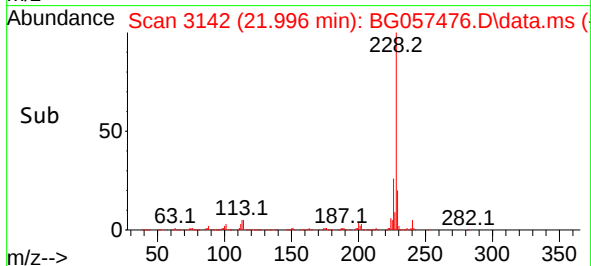
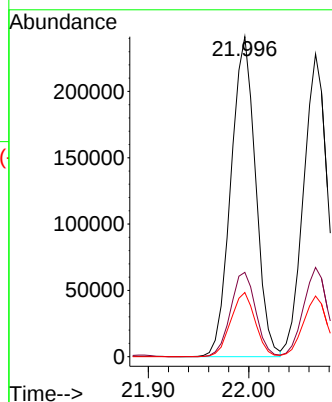
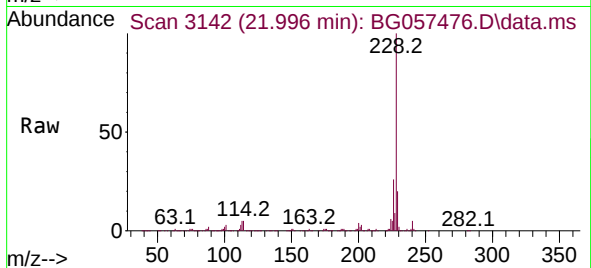
229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#82

3,3'-Dichlorobenzidine

Concen: 37.701 ng

RT: 21.890 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

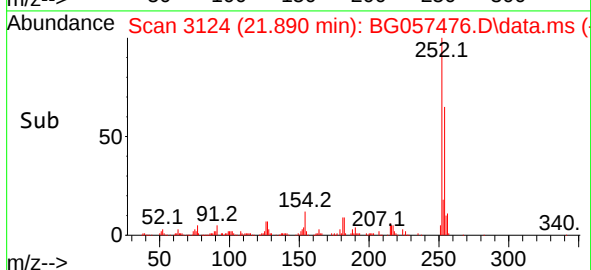
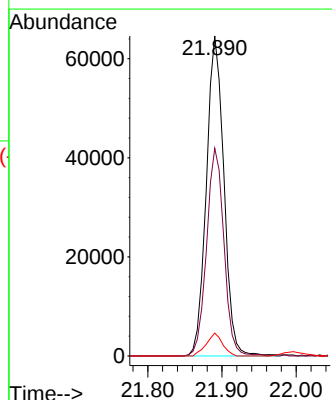
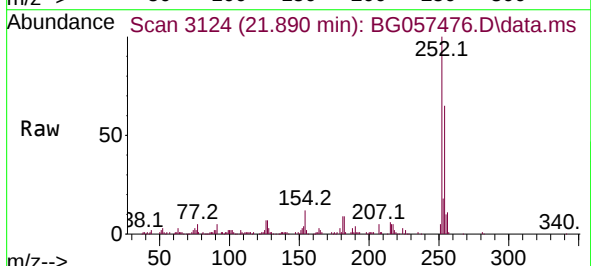
Tgt Ion:252 Resp: 106150

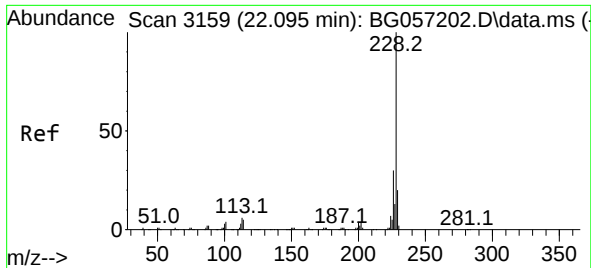
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

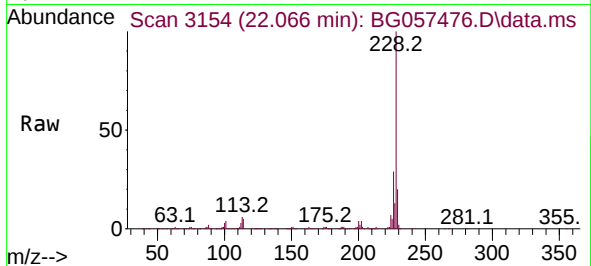
126 7.1 5.9 8.9





#83
Chrysene
Concen: 45.571 ng
RT: 22.066 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

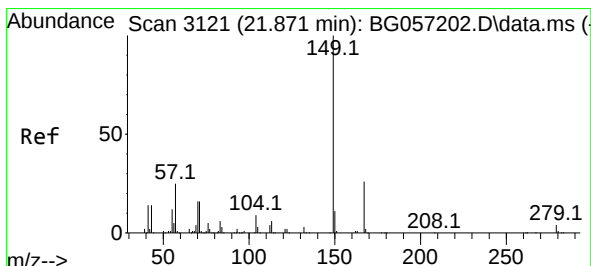
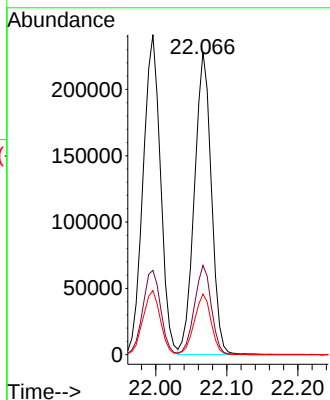
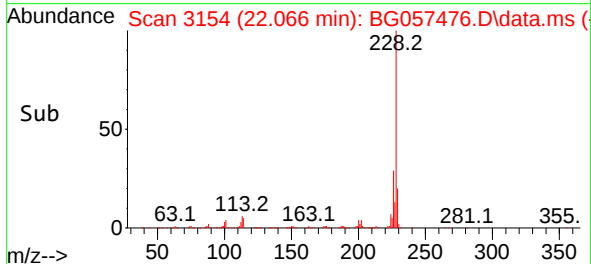
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:228 Resp: 376897
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 20.0 15.9 23.9

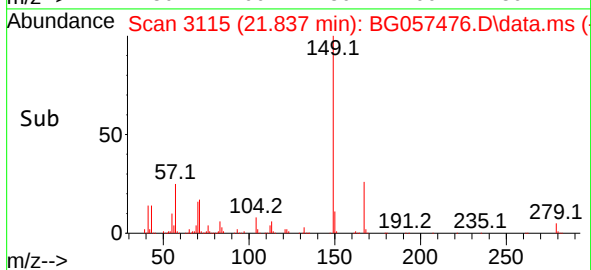
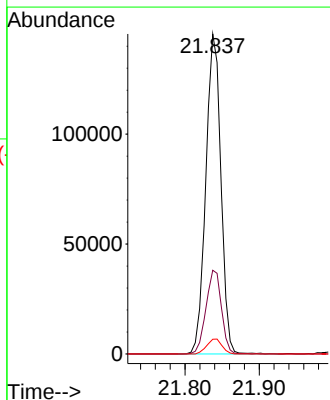
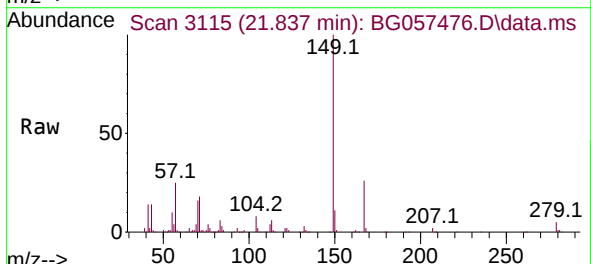
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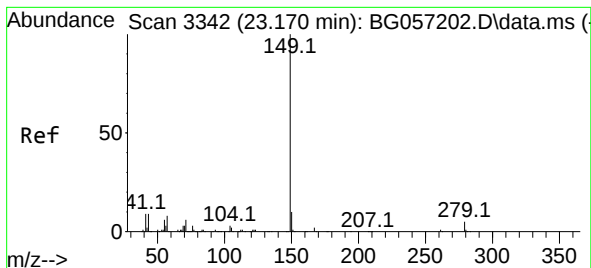
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.801 ng
RT: 21.837 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

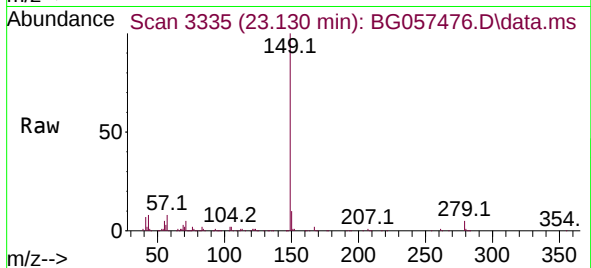
Tgt Ion:149 Resp: 205397
Ion Ratio Lower Upper
149 100
167 26.1 21.2 31.8
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 49.779 ng
RT: 23.130 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

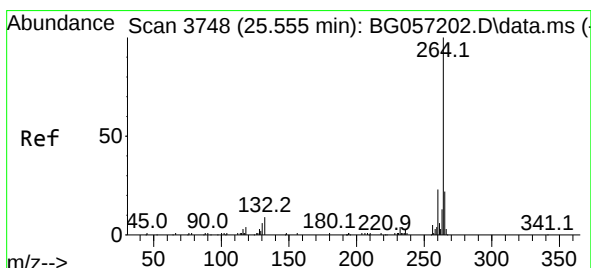
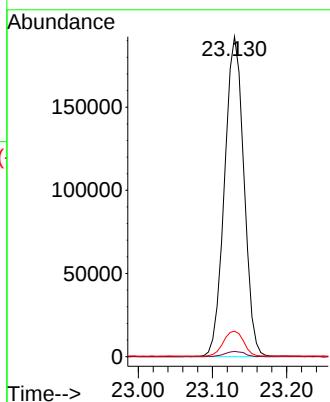
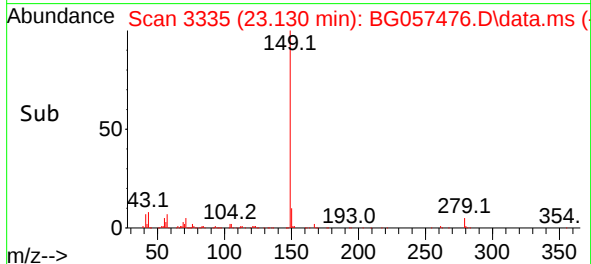
Instrument :
BNA_G
ClientSampleId :
TP5MSD



Tgt Ion:149 Resp: 349280
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.2 7.8 11.8

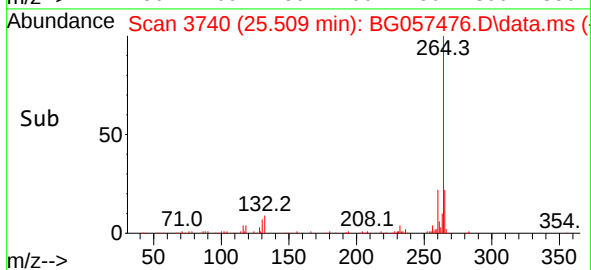
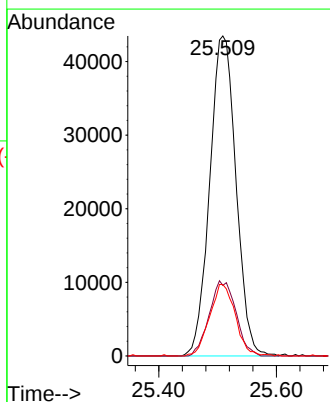
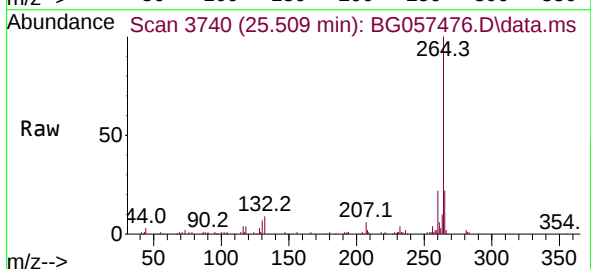
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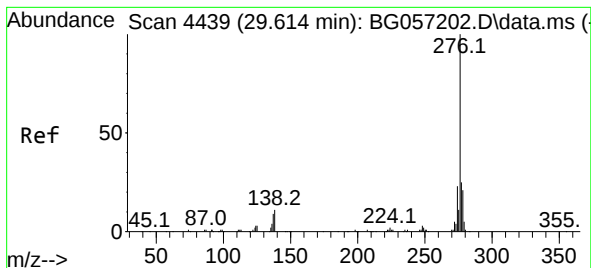
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.509 min Scan# 3740
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

Tgt Ion:264 Resp: 134650
Ion Ratio Lower Upper
264 100
260 22.0 18.8 28.2
265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.535 ng

RT: 29.556 min Scan# 4439

Delta R.T. -0.006 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

TP5MSD

Tgt Ion:276 Resp: 46648

Ion Ratio Lower Upper

276 100

138 7.5 5.4 8.0

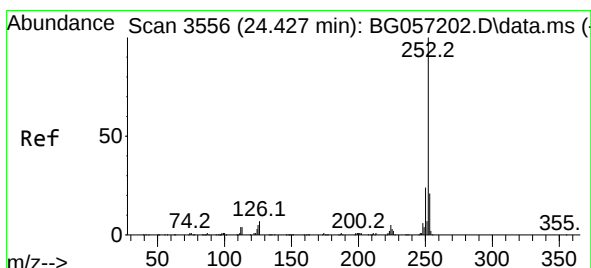
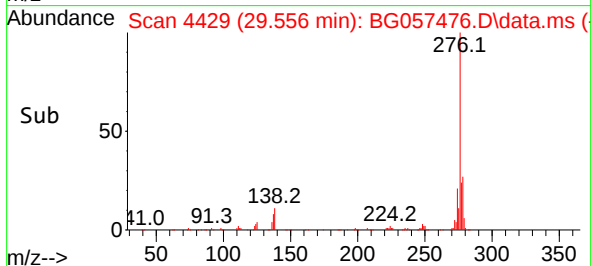
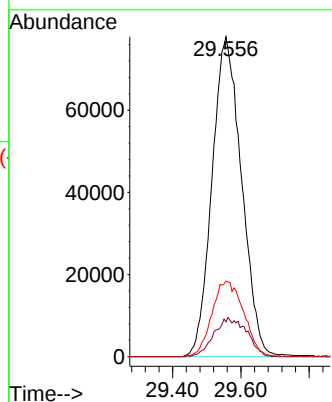
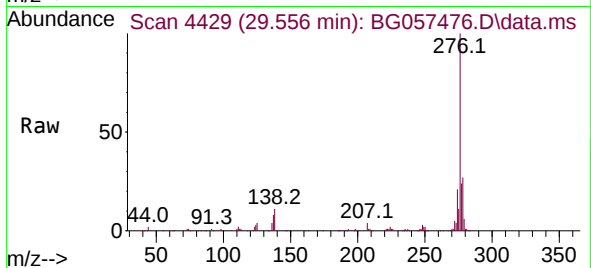
277 25.5 20.6 30.8

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#88

Benzo(b)fluoranthene

Concen: 47.893 ng

RT: 24.393 min Scan# 3550

Delta R.T. -0.000 min

Lab File: BG057476.D

Acq: 19 May 2023 20:55

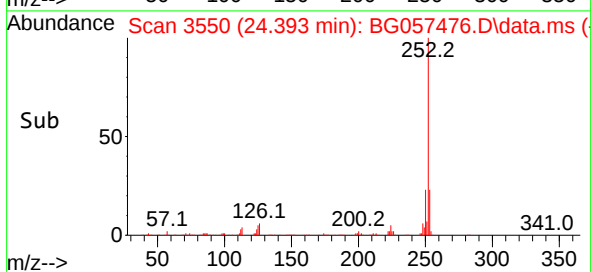
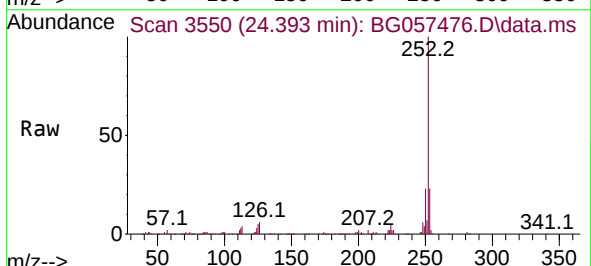
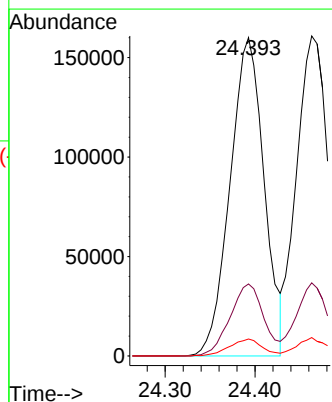
Tgt Ion:252 Resp: 421551

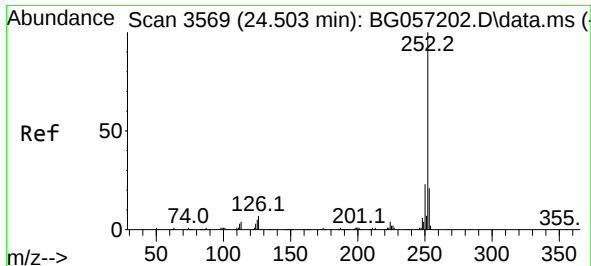
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

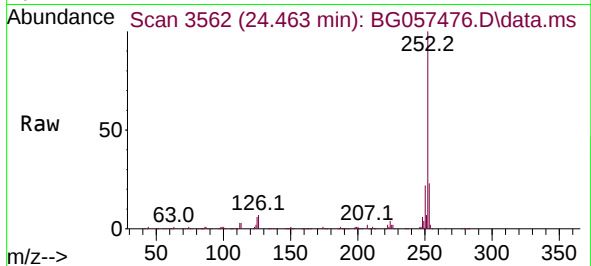
125 5.3 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 45.177 ng
RT: 24.463 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

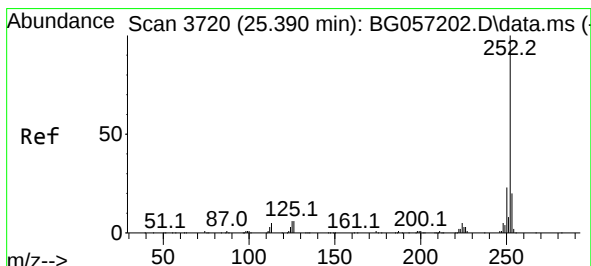
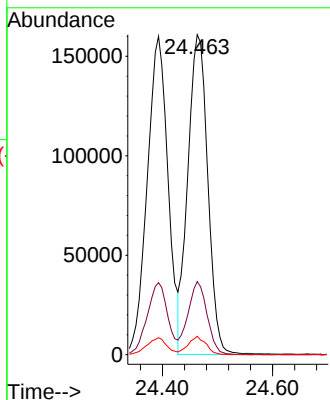
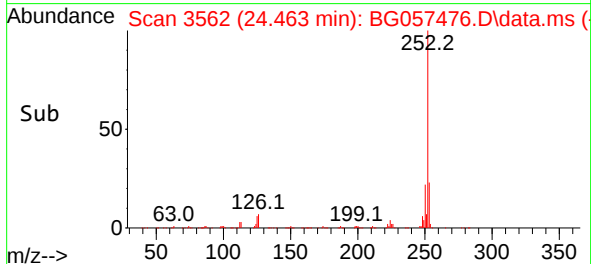
Instrument :
BNA_G
ClientSampleId :
TP5MSD



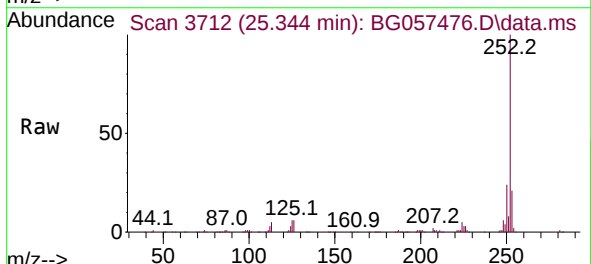
Tgt Ion:252 Resp: 40408
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 5.7 4.1 6.1

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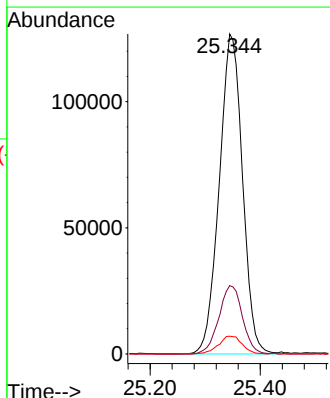
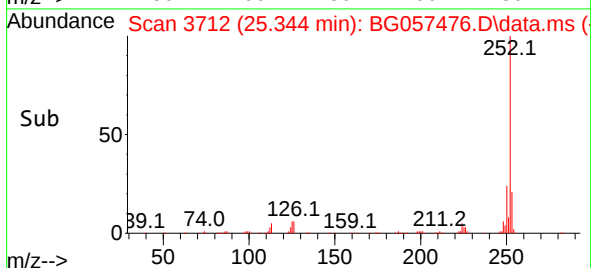
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

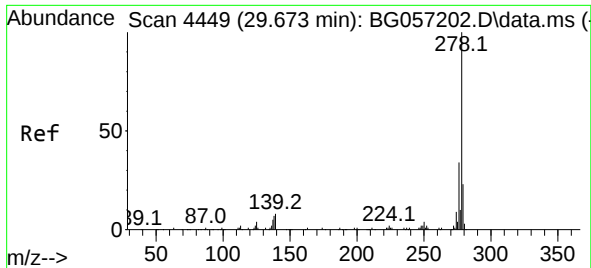


#90
Benzo(a)pyrene
Concen: 43.170 ng
RT: 25.344 min Scan# 3712
Delta R.T. -0.012 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



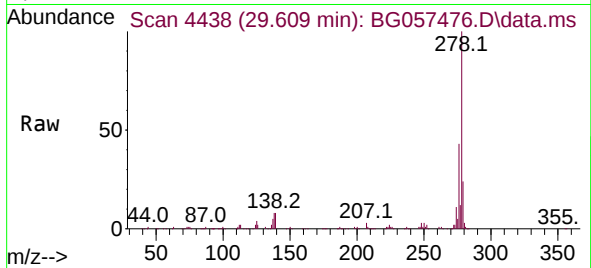
Tgt Ion:252 Resp: 371227
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 5.5 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 47.309 ng
RT: 29.609 min Scan# 4449
Delta R.T. -0.000 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55

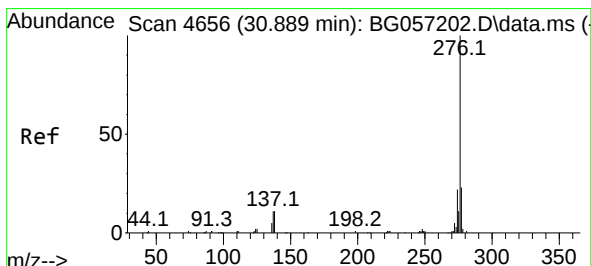
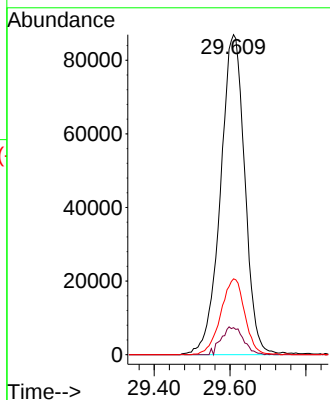
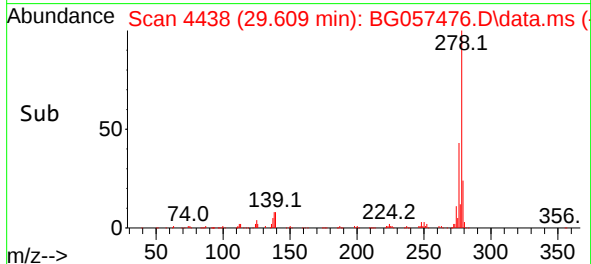
Instrument :
BNA_G
ClientSampleId :
TP5MSD



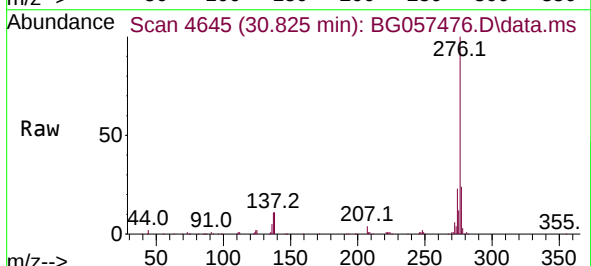
Tgt Ion:278 Resp: 386640
Ion Ratio Lower Upper
278 100
139 8.5 6.2 9.2
279 23.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#92
Benzo(g,h,i)perylene
Concen: 47.479 ng
RT: 30.825 min Scan# 4645
Delta R.T. -0.012 min
Lab File: BG057476.D
Acq: 19 May 2023 20:55



Tgt Ion:276 Resp: 378882
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 11.4 9.0 13.4

