

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056439.D
 Acq On : 26 Jan 2023 12:20
 Operator : CG/JU
 Sample : 01260-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 00:57:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	36046	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	130472	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	95321	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	248187	20.000	ng	0.00
76) Chrysene-d12	21.946	240	261508	20.000	ng	# 0.00
86) Perylene-d12	25.377	264	290111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	298021	147.621	ng	0.01
7) Phenol-d6	7.446	99	378550	122.100	ng	0.01
23) Nitrobenzene-d5	9.473	82	224089	87.854	ng	0.00
42) 2,4,6-Tribromophenol	16.394	330	201387	166.818	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	701880	101.680	ng	0.00
79) Terphenyl-d14	20.225	244	1439613	98.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.632	88	34309	37.207	ng	# 75
3) Pyridine	4.061	79	48080	17.119	ng	94
4) n-Nitrosodimethylamine	3.955	42	22794	39.898	ng	# 92
6) Aniline	7.610	93	60610	14.907	ng	95
8) 2-Chlorophenol	7.857	128	110878	55.192	ng	94
9) Benzaldehyde	7.422	77	47500m	25.767	ng	
10) Phenol	7.475	94	134913	42.909	ng	92
11) bis(2-Chloroethyl)ether	7.698	93	96751	45.408	ng	97
12) 1,3-Dichlorobenzene	8.186	146	117607m	48.101	ng	
13) 1,4-Dichlorobenzene	8.333	146	118176	48.132	ng	99
14) 1,2-Dichlorobenzene	8.656	146	116936	49.360	ng	98
15) Benzyl Alcohol	8.538	79	93676	41.516	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.820	45	20887	55.473	ng	# 77
17) 2-Methylphenol	8.738	107	105153	45.578	ng	96
18) Hexachloroethane	9.396	117	35724	47.896	ng	94
19) n-Nitroso-di-n-propyla...	9.097	70	73451	38.960	ng	# 94
20) 3+4-Methylphenols	9.061	107	143062	44.105	ng	95
22) Acetophenone	9.126	105	172518	46.764	ng	# 98
24) Nitrobenzene	9.514	77	109199	43.200	ng	92
25) Isophorone	10.037	82	224219	41.780	ng	# 93
26) 2-Nitrophenol	10.230	139	66455	51.383	ng	97
27) 2,4-Dimethylphenol	10.277	122	121969m	51.706	ng	
28) bis(2-Chloroethoxy)met...	10.512	93	130469	46.775	ng	97
29) 2,4-Dichlorophenol	10.771	162	137313	52.652	ng	97
30) 1,2,4-Trichlorobenzene	10.988	180	140862	47.597	ng	99
31) Naphthalene	11.182	128	332488	48.421	ng	100
32) Benzoic acid	10.401	122	15271m	8.725	ng	
33) 4-Chloroaniline	11.282	127	51385	15.674	ng	95
34) Hexachlorobutadiene	11.453	225	96213	45.202	ng	97
35) Caprolactam	12.070	113	30440m	34.475	ng	
36) 4-Chloro-3-methylphenol	12.387	107	125641	47.478	ng	96
37) 2-Methylnaphthalene	12.763	142	256169	44.183	ng	99
38) 1-Methylnaphthalene	12.980	142	235502	43.741	ng	100
40) 1,2,4,5-Tetrachloroben...	13.121	216	182680	51.134	ng	99
41) Hexachlorocyclopentadiene	13.098	237	203153	99.740	ng	96
43) 2,4,6-Trichlorophenol	13.356	196	130656	55.307	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.438	196	143257	51.264	ng	99
46) 1,1'-Biphenyl	13.750	154	363257	53.212	ng	99
47) 2-Chloronaphthalene	13.797	162	285000	52.892	ng	98
48) 2-Nitroaniline	13.997	65	61479	53.551	ng	96
49) Acenaphthylene	14.643	152	434295	49.529	ng	99
50) Dimethylphthalate	14.355	163	383238	49.804	ng	98
51) 2,6-Dinitrotoluene	14.478	165	84304	51.416	ng	93
52) Acenaphthene	14.978	154	284809m	49.940	ng	
53) 3-Nitroaniline	14.813	138	59050	37.841	ng	91
54) 2,4-Dinitrophenol	15.019	184	47129	40.235	ng	# 92
55) Dibenzofuran	15.307	168	464265	49.194	ng	97
56) 4-Nitrophenol	15.119	139	118904	99.075	ng	87
57) 2,4-Dinitrotoluene	15.266	165	120595	52.591	ng	89
58) Fluorene	15.953	166	381321	50.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.530	232	135653	51.699	ng	# 94
60) Diethylphthalate	15.701	149	359833	49.864	ng	99
61) 4-Chlorophenyl-phenyle...	15.936	204	229055	48.354	ng	99
62) 4-Nitroaniline	15.971	138	81929	51.255	ng	94
63) Azobenzene	16.229	77	276934	49.730	ng	98
65) 4,6-Dinitro-2-methylph...	16.030	198	56660	33.885	ng	96
66) n-Nitrosodiphenylamine	16.147	169	349108	50.698	ng	97
67) 4-Bromophenyl-phenylether	16.829	248	160672	50.839	ng	99
68) Hexachlorobenzene	16.958	284	160020	54.270	ng	97
69) Atrazine	17.087	200	153516	53.793	ng	96
70) Pentachlorophenol	17.299	266	170195	75.141	ng	96
71) Phenanthrene	17.692	178	660041	51.318	ng	98
72) Anthracene	17.786	178	673502	50.762	ng	100
73) Carbazole	18.051	167	589597	52.867	ng	99
74) Di-n-butylphthalate	18.574	149	610851	54.945	ng	99
75) Fluoranthene	19.684	202	823118	49.062	ng	98
77) Benzidine	19.849	184	122323	13.348	ng	98
78) Pyrene	20.043	202	864670	46.911	ng	99
80) Butylbenzylphthalate	20.900	149	270261	51.108	ng	97
81) Benzo(a)anthracene	21.923	228	906471	49.352	ng	99
82) 3,3'-Dichlorobenzidine	21.823	252	246568	37.291	ng	100
83) Chrysene	21.993	228	843850	49.047	ng	99
84) Bis(2-ethylhexyl)phtha...	21.782	149	396102	51.992	ng	99
85) Di-n-octyl phthalate	23.057	149	679640	52.843	ng	100
87) Indeno(1,2,3-cd)pyrene	29.337	276	1073971	50.902	ng	99
88) Benzo(b)fluoranthene	24.279	252	935131	50.732	ng	100
89) Benzo(k)fluoranthene	24.355	252	928475	50.584	ng	99
90) Benzo(a)pyrene	25.219	252	828109	46.062	ng	# 98
91) Dibenzo(a,h)anthracene	29.402	278	906004	51.218	ng	98
92) Benzo(g,h,i)perylene	30.583	276	879118	51.249	ng	99

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

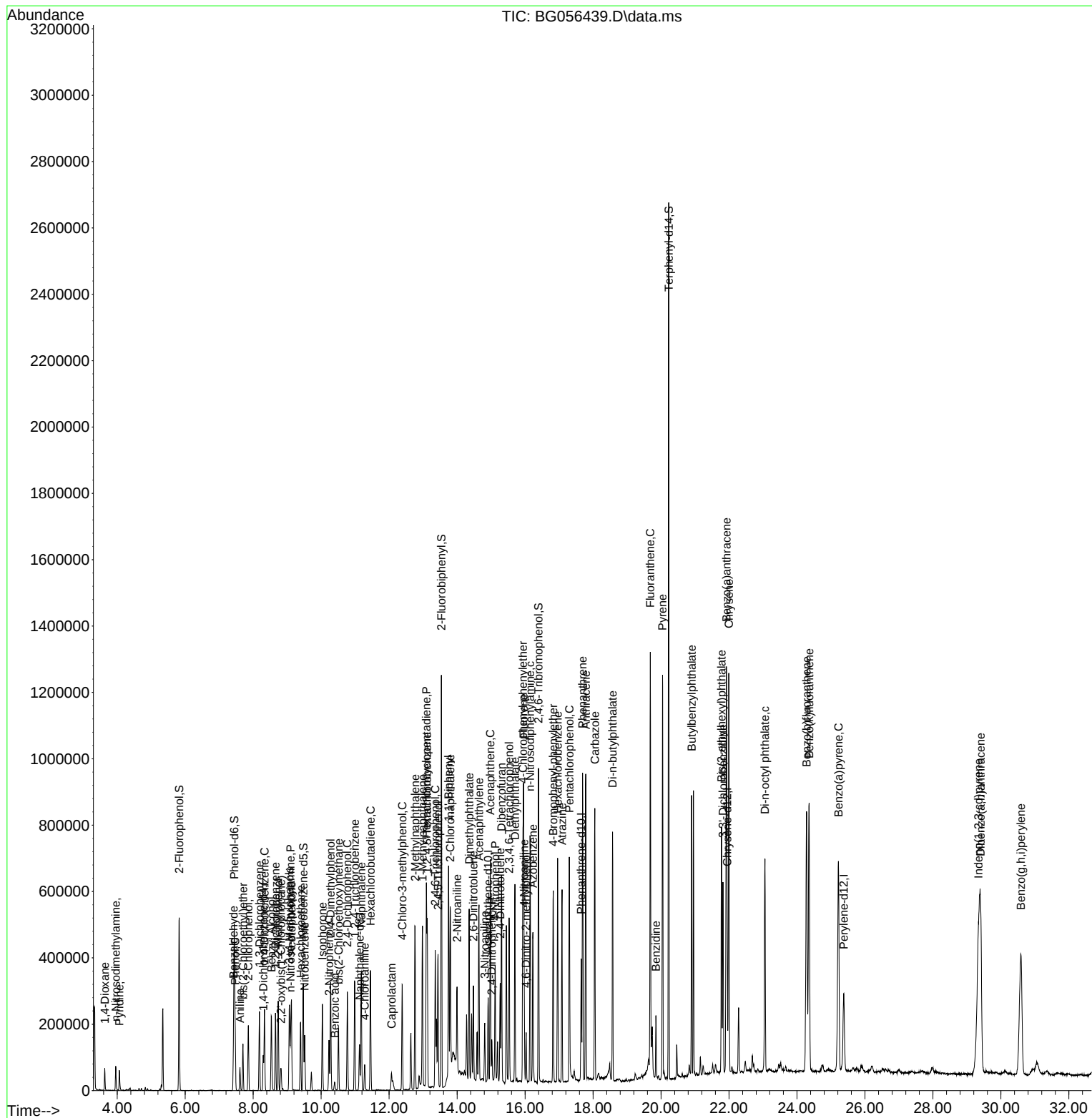
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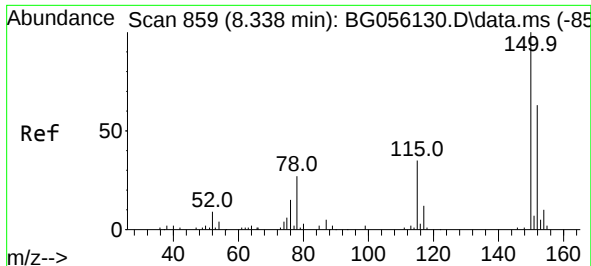
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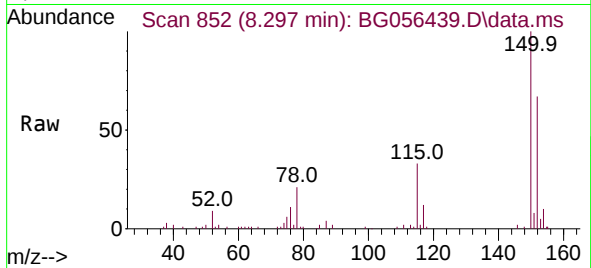
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.297 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

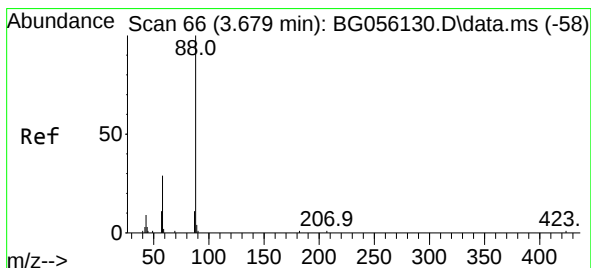
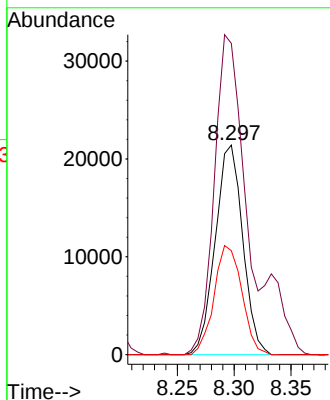
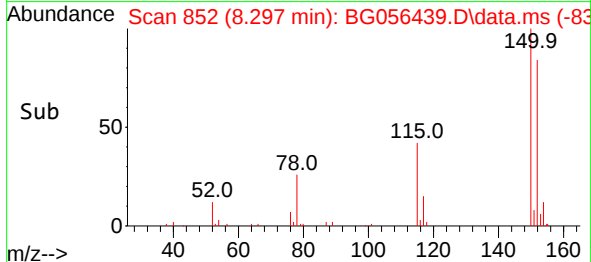
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:152 Resp: 36046
Ion Ratio Lower Upper
152 100
150 148.5 127.9 191.9
115 49.6 44.2 66.2

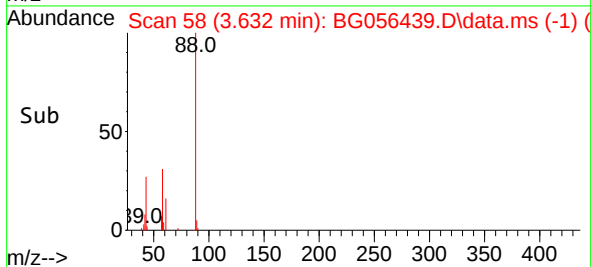
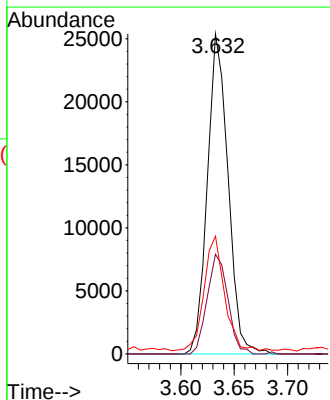
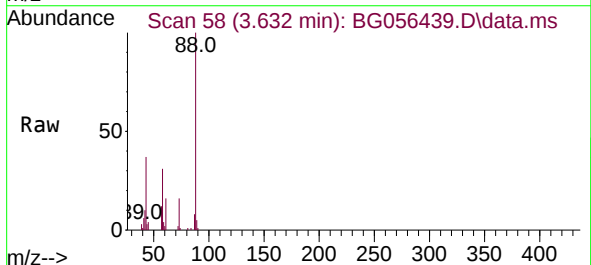
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#2
1,4-Dioxane
Concen: 37.207 ng
RT: 3.632 min Scan# 58
Delta R.T. 0.016 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 88 Resp: 34309
Ion Ratio Lower Upper
88 100
58 31.0 21.4 32.0
43 35.5 7.1 10.7#





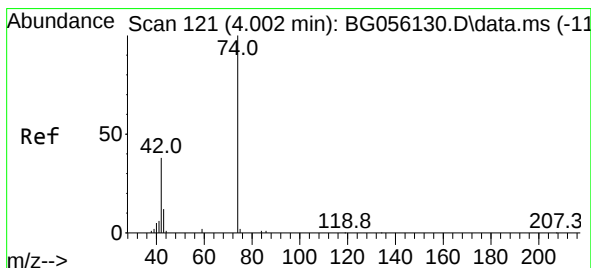
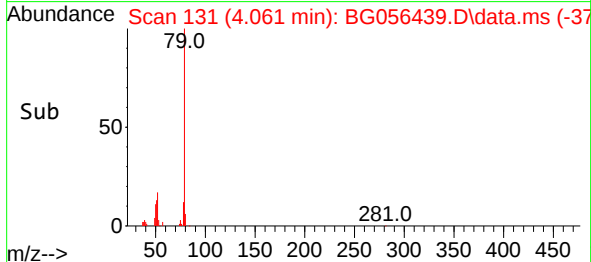
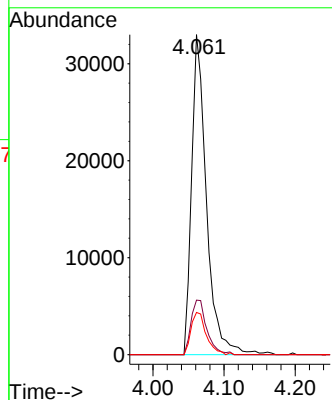
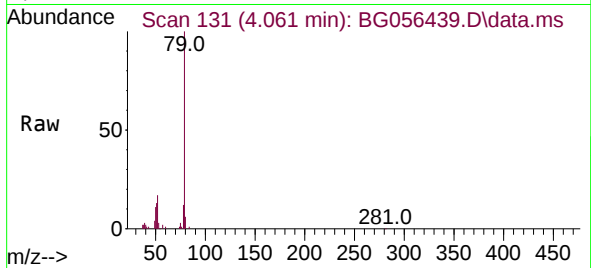
#3
Pyridine
Concen: 17.119 ng
RT: 4.061 min Scan# 113
Delta R.T. 0.022 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion: 79 Resp: 48080
Ion Ratio Lower Upper
79 100
52 17.0 11.8 17.6
51 13.2 8.8 13.2

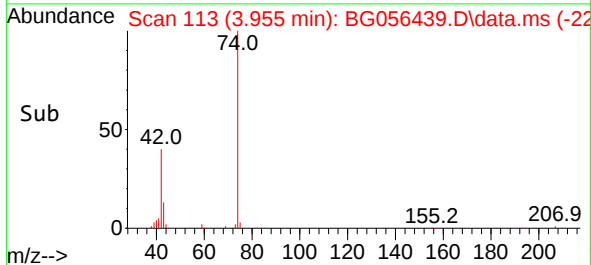
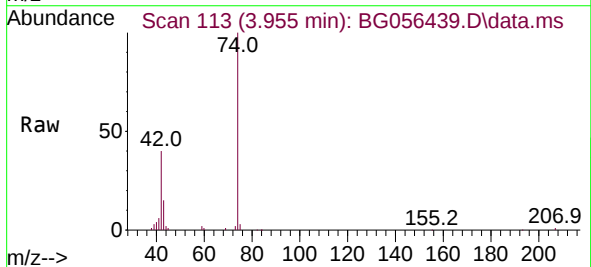
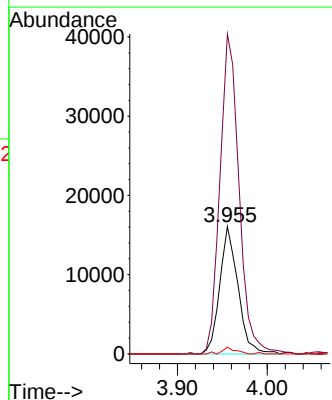
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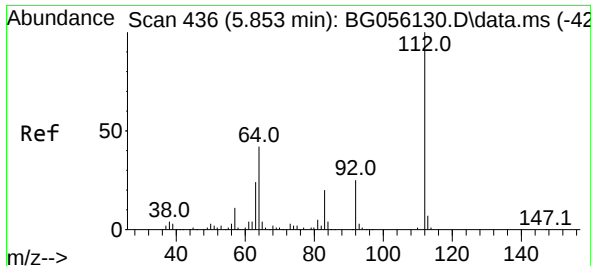
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#4
n-Nitrosodimethylamine
Concen: 39.898 ng
RT: 3.955 min Scan# 113
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 42 Resp: 22794
Ion Ratio Lower Upper
42 100
74 251.1 212.6 319.0
44 5.3 2.6 3.8





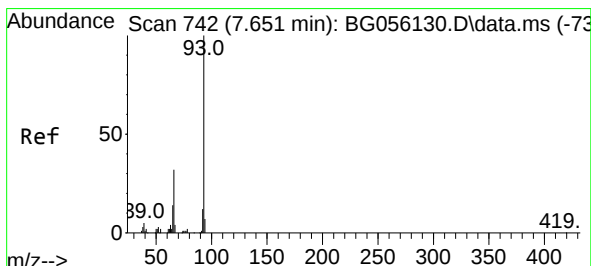
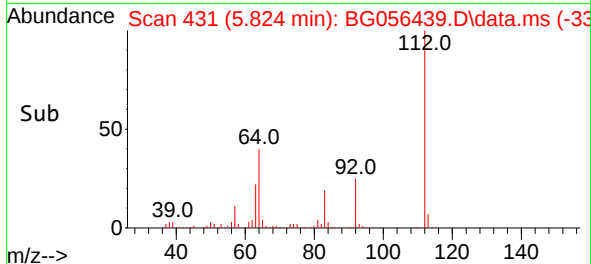
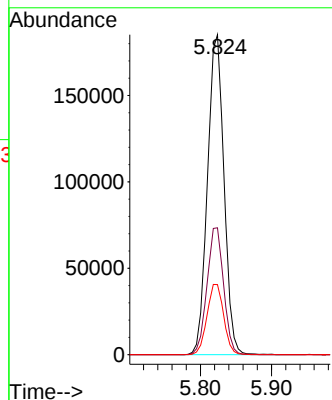
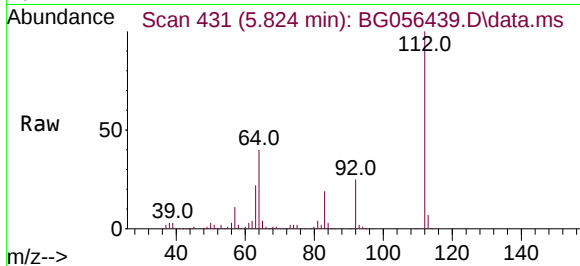
#5
2-Fluorophenol
Concen: 147.621 ng
RT: 5.824 min Scan# 436
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:112 Resp: 298021
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 21.9 19.0 28.4

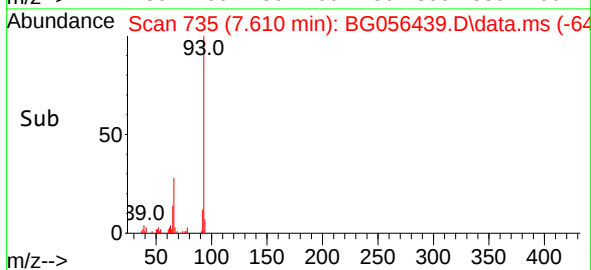
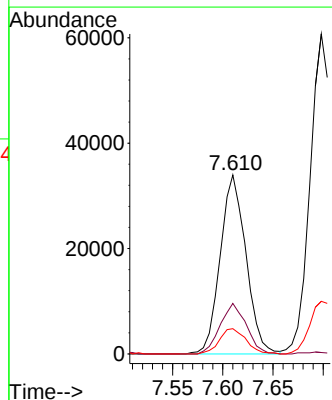
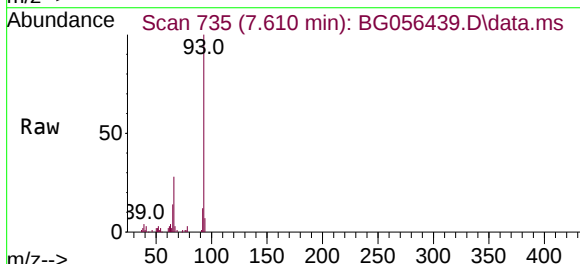
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#6
Aniline
Concen: 14.907 ng
RT: 7.610 min Scan# 735
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 93 Resp: 60610
Ion Ratio Lower Upper
93 100
66 28.2 25.4 38.2
65 14.1 11.4 17.2





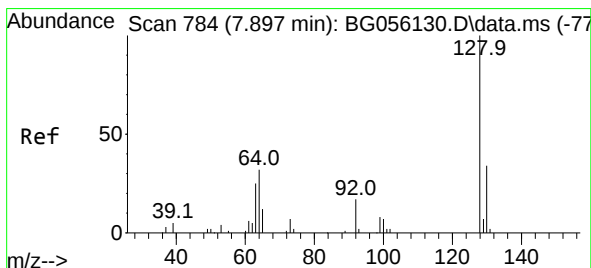
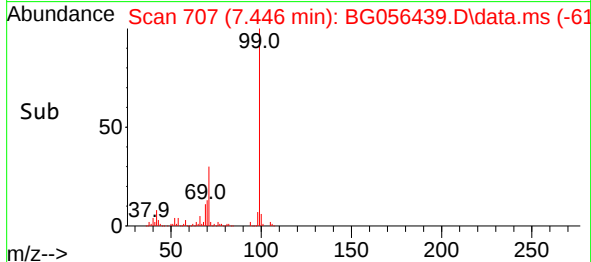
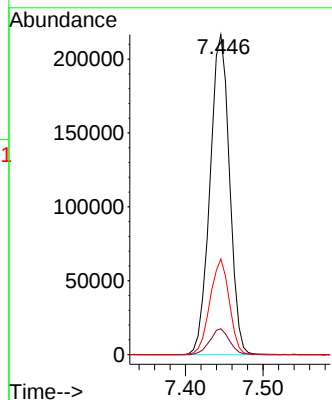
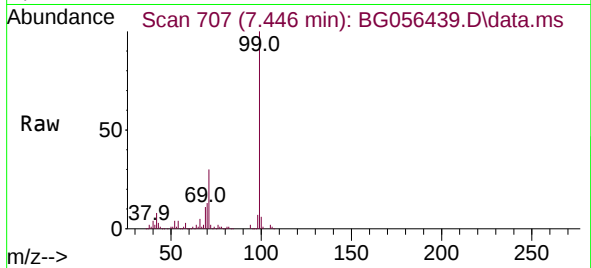
#7
Phenol-d6
Concen: 122.100 ng
RT: 7.446 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 378550
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 29.9 25.4 38.2

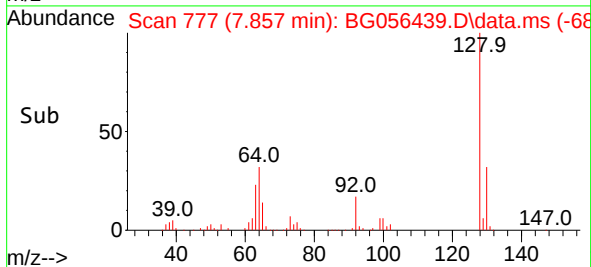
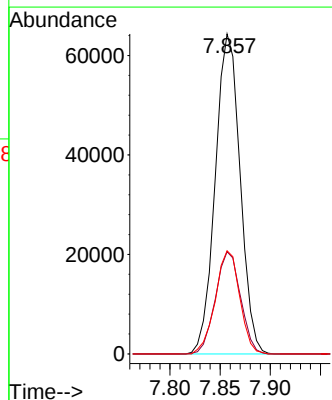
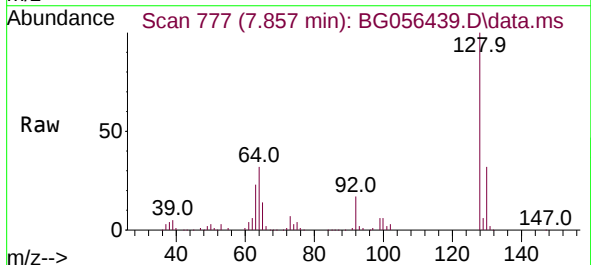
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#8
2-Chlorophenol
Concen: 55.192 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

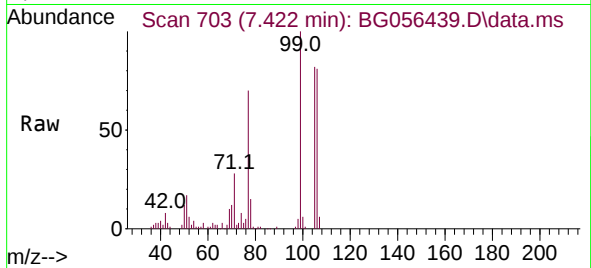
Tgt Ion:128 Resp: 110878
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 32.3 18.0 58.0





#9
Benzaldehyde
Concen: 25.767 ng m
RT: 7.422 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

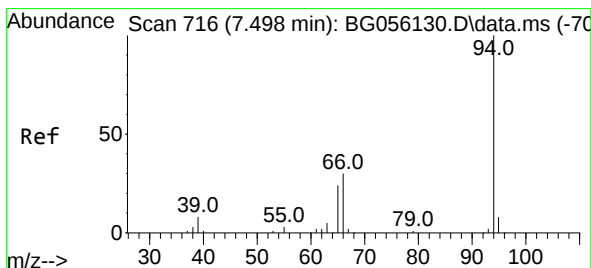
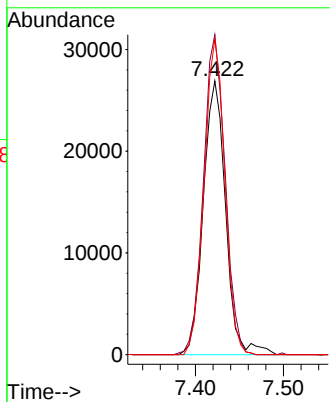
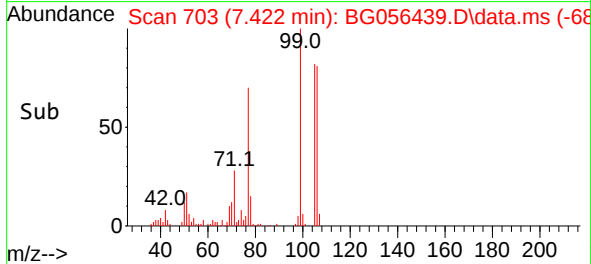
Instrument :
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Tgt Ion: 77 Resp: 47500
Ion Ratio Lower Upper
77 100
105 116.9 86.8 126.8
106 115.1 89.3 129.3

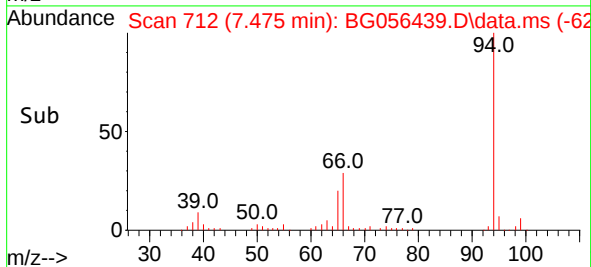
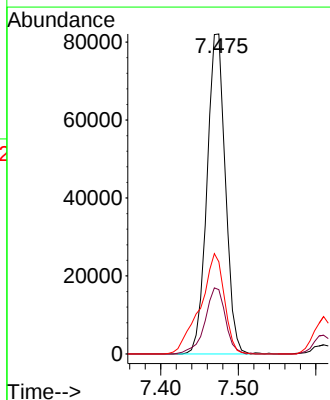
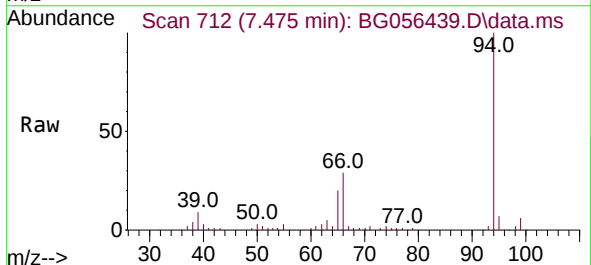
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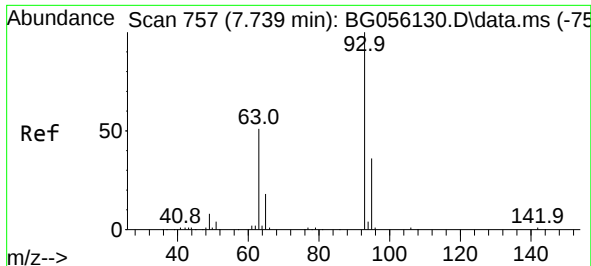
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Supervised By :Jagrut Upadhyay 01/27/2023



#10
Phenol
Concen: 42.909 ng
RT: 7.475 min Scan# 712
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 94 Resp: 134913
Ion Ratio Lower Upper
94 100
65 20.1 4.3 44.3
66 28.8 13.2 53.2





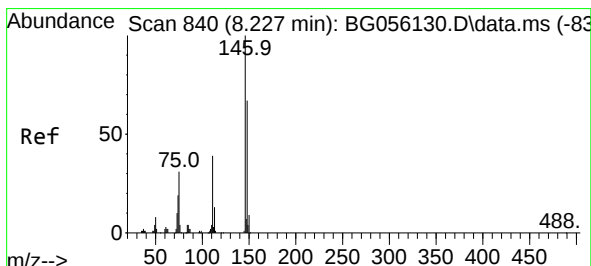
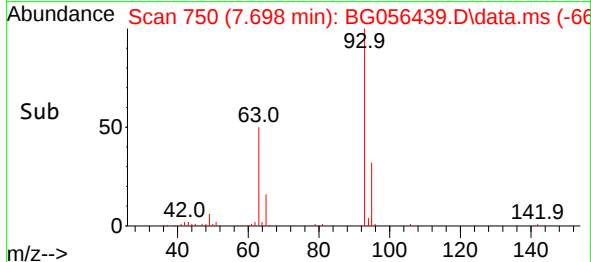
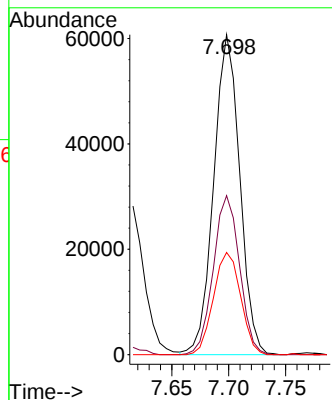
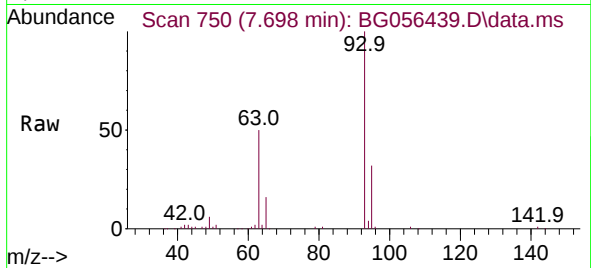
#11
bis(2-Chloroethyl)ether
Concen: 45.408 ng
RT: 7.698 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion: 93 Resp: 9675
Ion Ratio Lower Upper
93 100
63 49.7 30.5 70.5
95 31.9 15.9 55.9

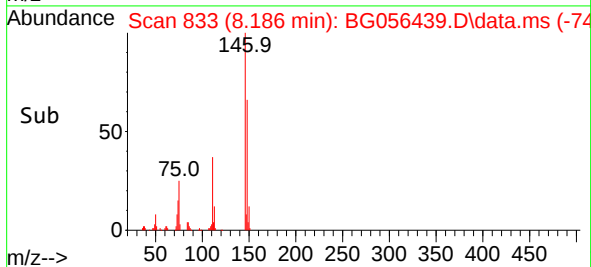
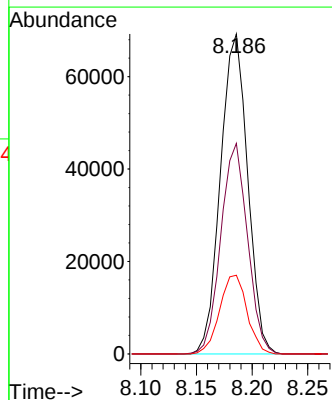
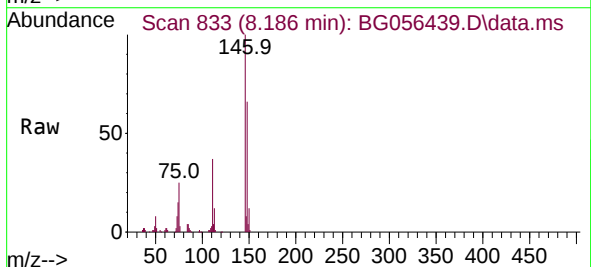
Manual Integrations
APPROVED

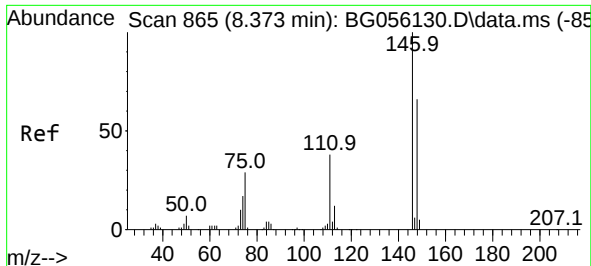
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.101 ng m
RT: 8.186 min Scan# 833
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

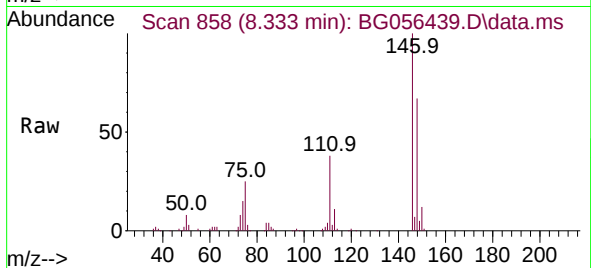
Tgt Ion:146 Resp: 117607
Ion Ratio Lower Upper
146 100
148 65.8 53.5 80.3
75 24.6 24.8 37.2#





#13
1,4-Dichlorobenzene
Concen: 48.132 ng
RT: 8.333 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

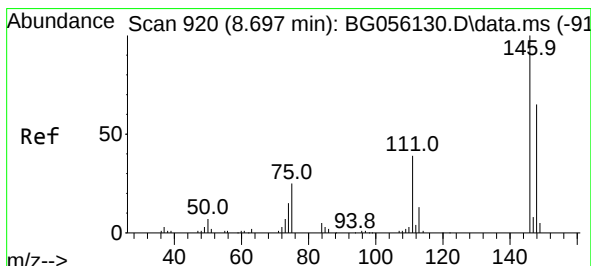
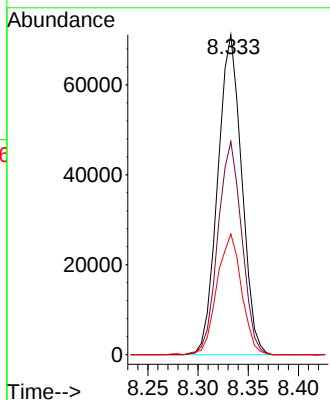
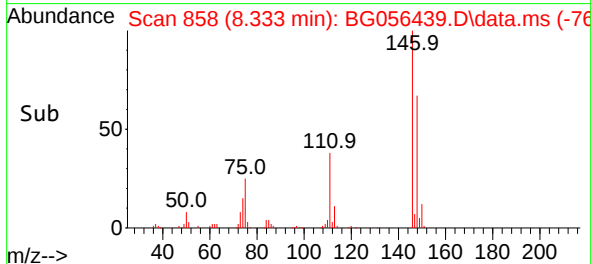
Instrument :
BNA_G
ClientSampleId :
TP-21MS



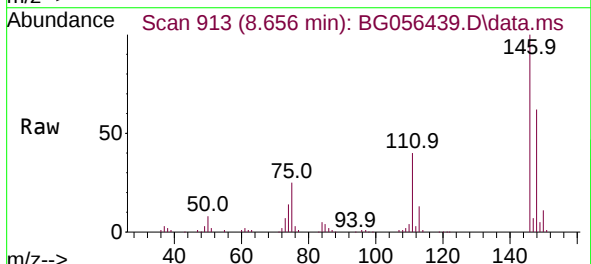
Tgt Ion:146 Resp: 118176
Ion Ratio Lower Upper
146 100
148 66.6 52.8 79.2
111 37.7 30.5 45.7

Manual Integrations
APPROVED

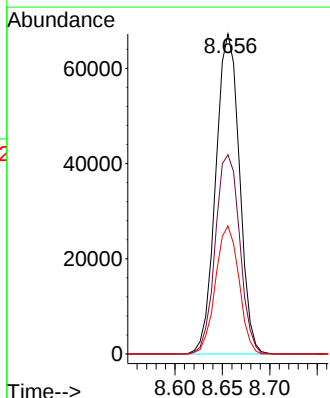
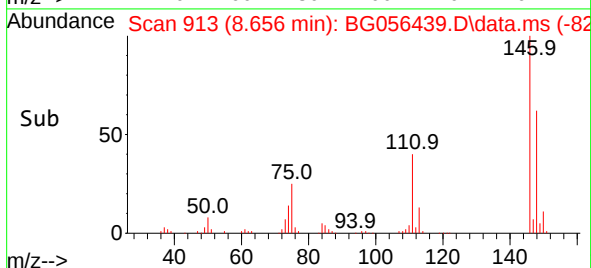
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#14
1,2-Dichlorobenzene
Concen: 49.360 ng
RT: 8.656 min Scan# 913
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



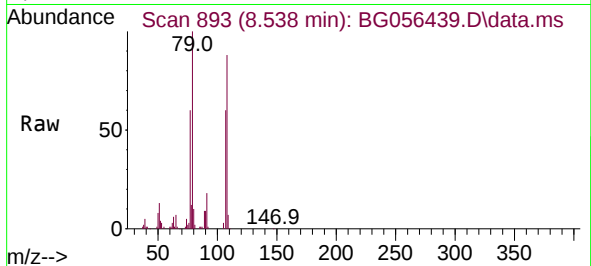
Tgt Ion:146 Resp: 116936
Ion Ratio Lower Upper
146 100
148 62.2 51.7 77.5
111 40.0 31.5 47.3





#15
Benzyl Alcohol
Concen: 41.516 ng
RT: 8.538 min Scan# 898
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

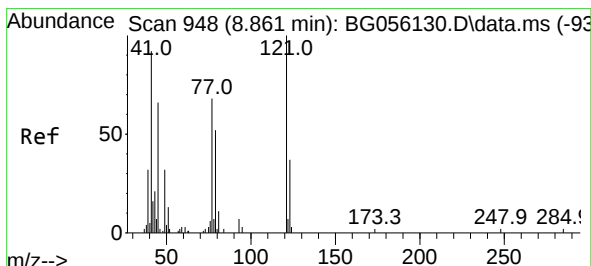
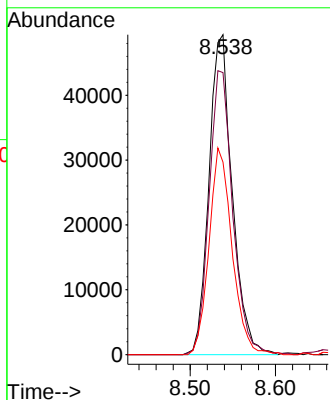
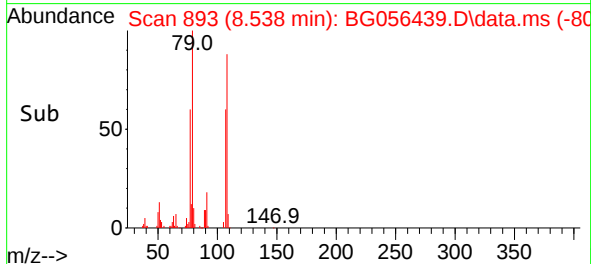
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion: 79 Resp: 93676
Ion Ratio Lower Upper
79 100
108 88.1 64.7 97.1
77 60.1 51.5 77.3

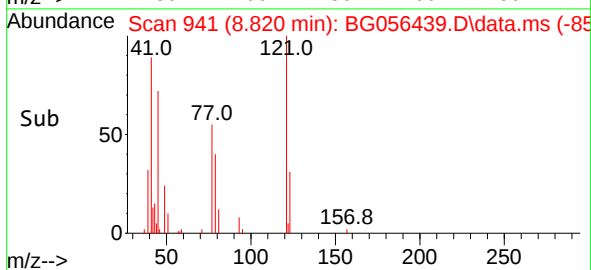
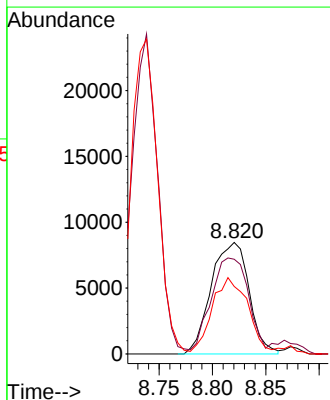
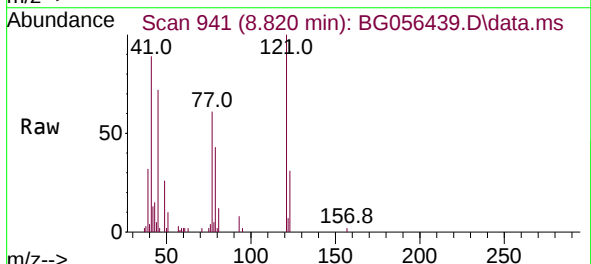
Manual Integrations
APPROVED

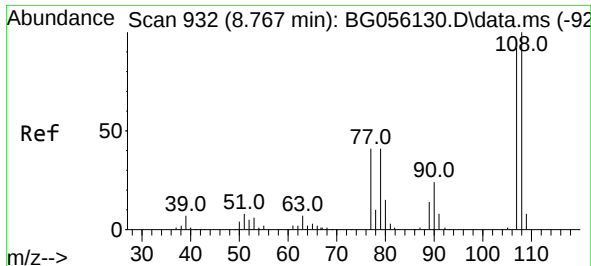
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.473 ng
RT: 8.820 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

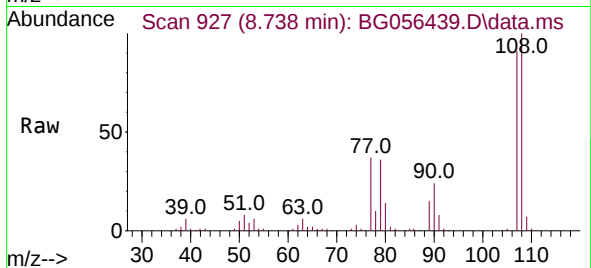
Tgt Ion: 45 Resp: 20887
Ion Ratio Lower Upper
45 100
77 85.0 88.2 128.2#
79 60.6 61.2 101.2#





#17
2-Methylphenol
Concen: 45.578 ng
RT: 8.738 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

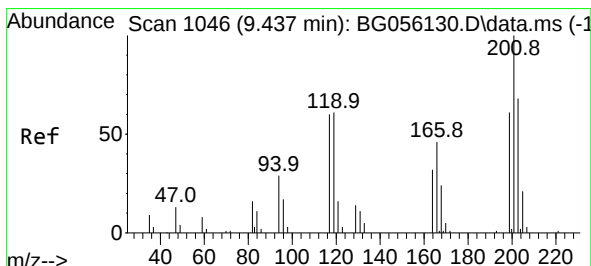
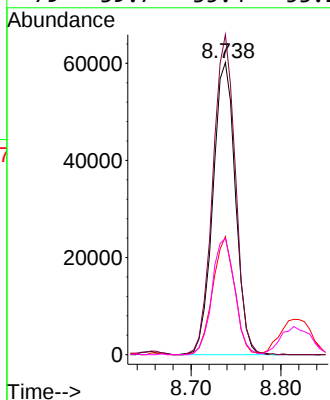
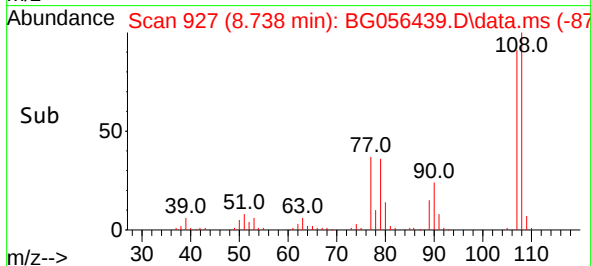
Instrument :
BNA_G
ClientSampleId :
TP-21MS



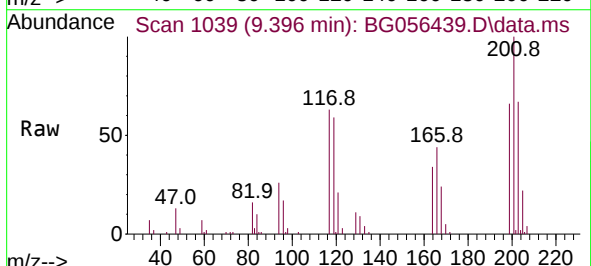
Tgt Ion:107 Resp: 10515
Ion Ratio Lower Upper
107 100
108 109.5 86.6 129.8
77 40.4 35.4 53.2
79 39.7 35.4 53.2

Manual Integrations
APPROVED

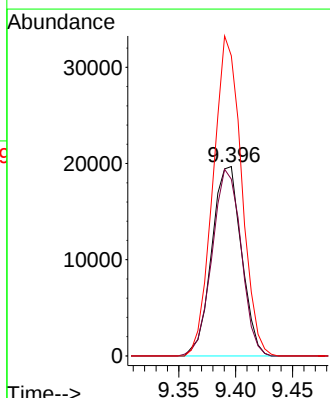
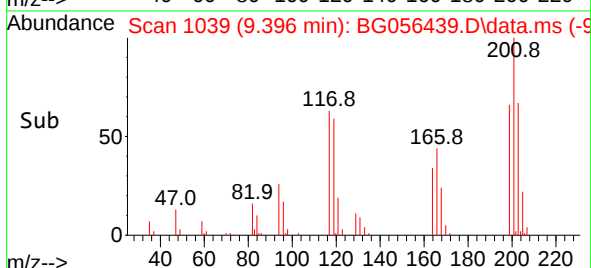
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

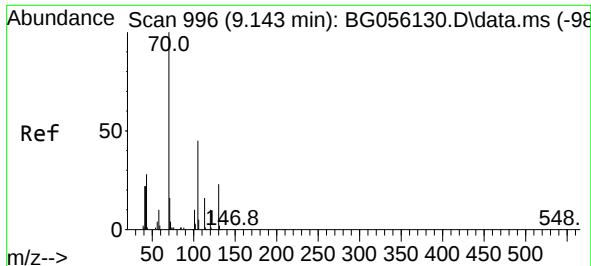


#18
Hexachloroethane
Concen: 47.896 ng
RT: 9.396 min Scan# 1039
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:117 Resp: 35724
Ion Ratio Lower Upper
117 100
119 93.3 81.8 122.6
201 162.0 134.2 201.2





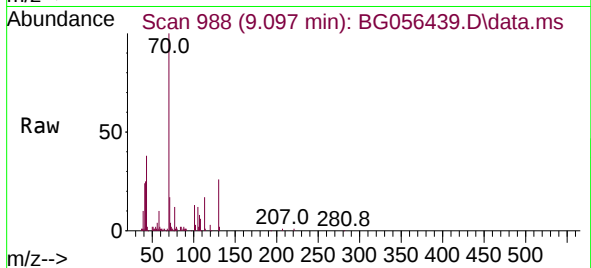
#19
n-Nitroso-di-n-propylamine
Concen: 38.960 ng
RT: 9.097 min Scan# 981
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

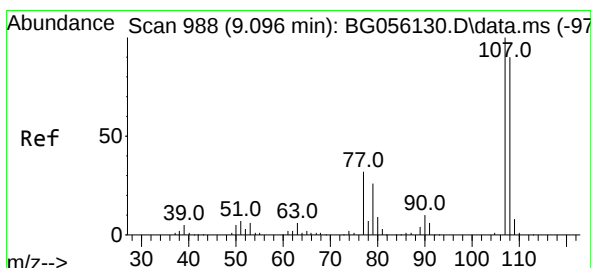
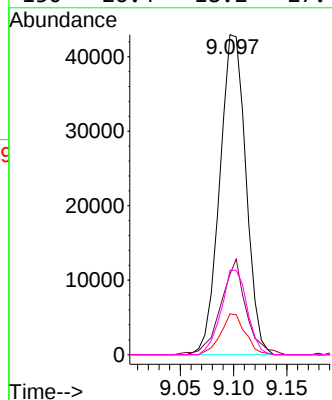
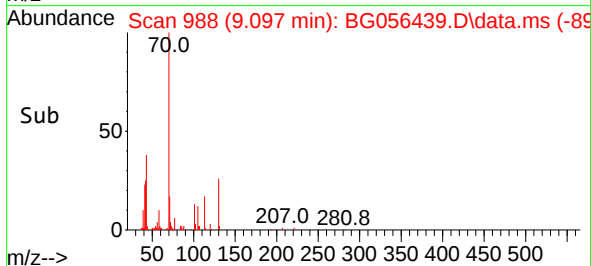


Tgt Ion: 70 Resp: 7345
Ion Ratio Lower Upper
70 100
42 25.1 18.2 27.2
101 12.7 8.3 12.5
130 26.4 18.2 27.4

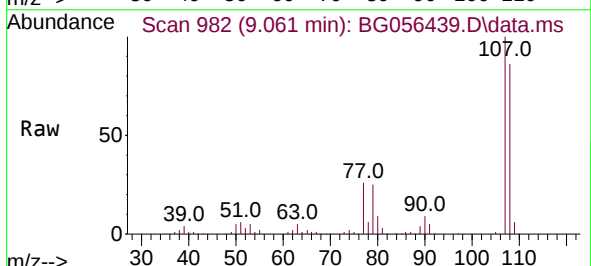
Manual Integrations

APPROVED

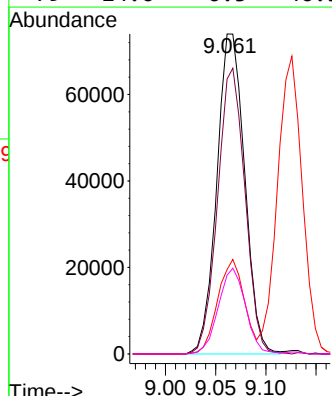
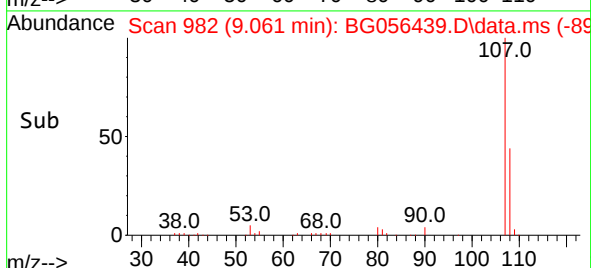
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

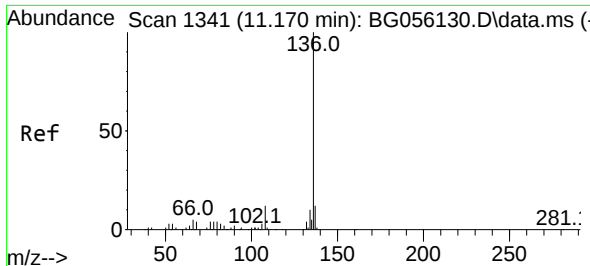


#20
3+4-Methylphenols
Concen: 44.105 ng
RT: 9.061 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



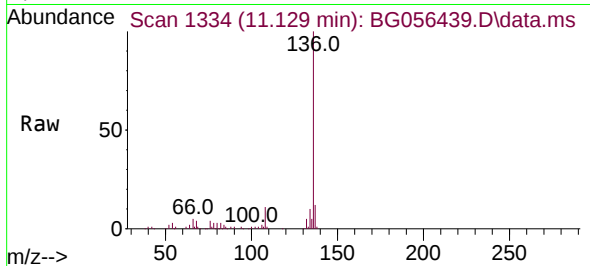
Tgt Ion:107 Resp: 143062
Ion Ratio Lower Upper
107 100
108 85.9 69.6 109.6
77 26.3 11.7 51.7
79 24.6 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

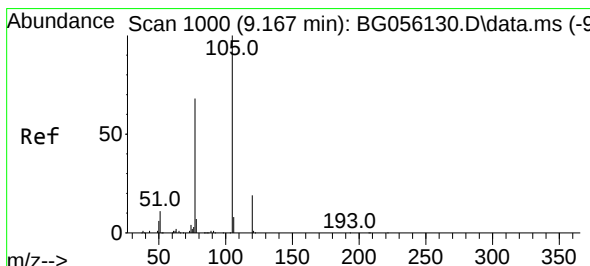
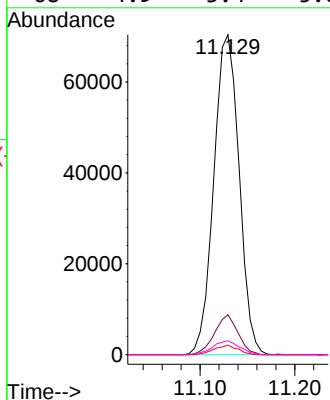
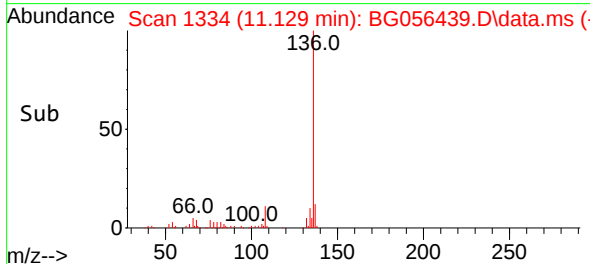
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:136 Resp: 130472
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.0
54 3.0 2.2 3.2
68 4.9 3.4 5.0

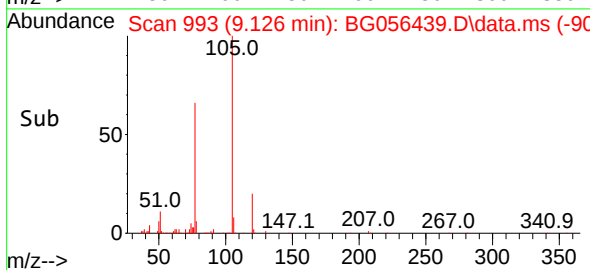
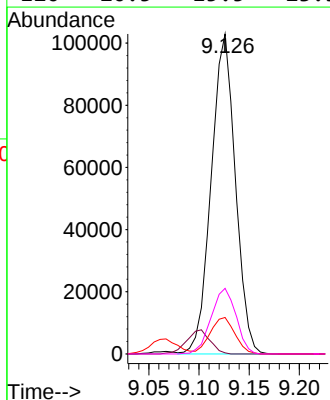
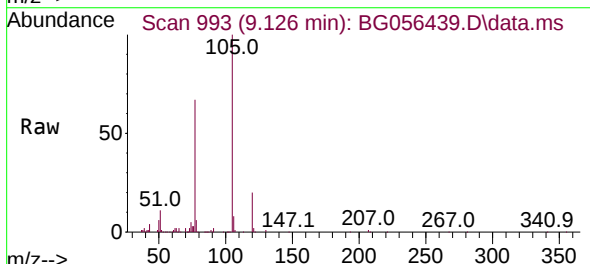
Manual Integrations
APPROVED

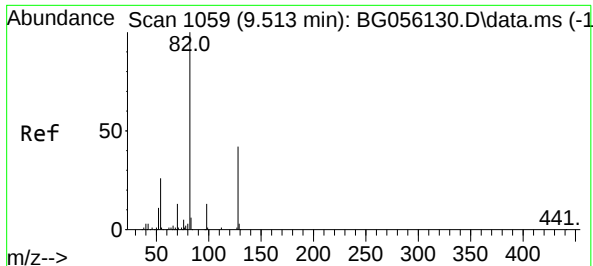
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#22
Acetophenone
Concen: 46.764 ng
RT: 9.126 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:105 Resp: 172518
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 11.4 9.3 13.9
120 20.5 15.5 23.3





#23

Nitrobenzene-d5

Concen: 87.854 ng

RT: 9.473 min Scan# 1052

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion: 82 Resp: 224089

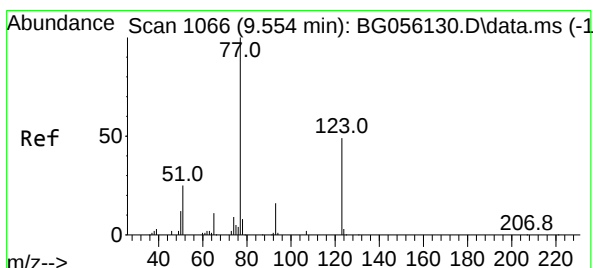
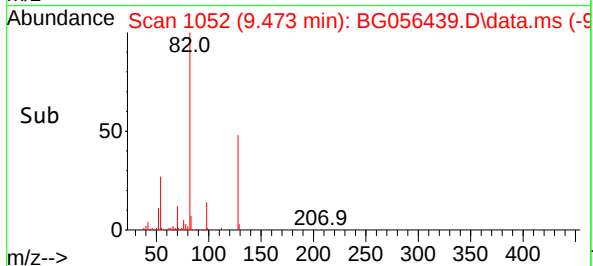
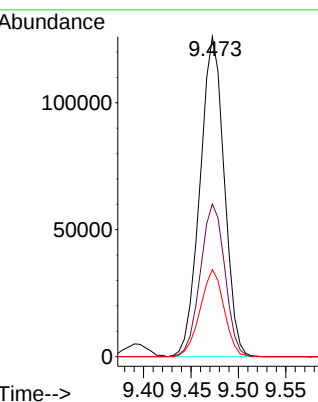
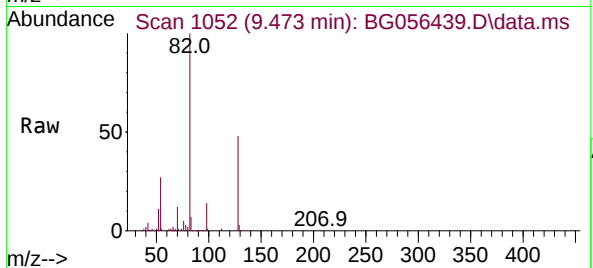
Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.4	50.2
54	27.2	20.3	30.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#24

Nitrobenzene

Concen: 43.200 ng

RT: 9.514 min Scan# 1059

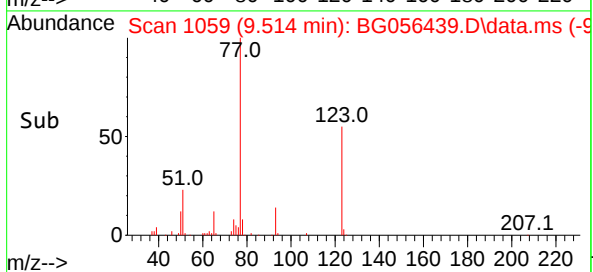
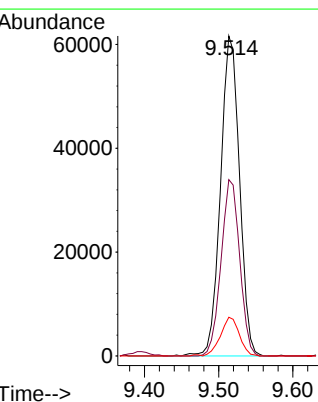
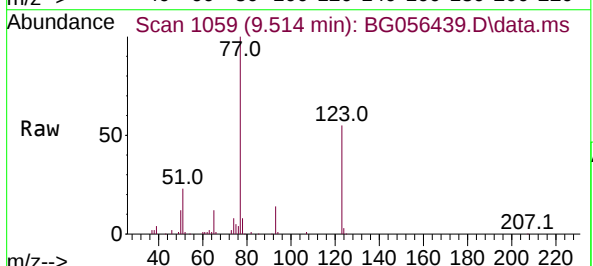
Delta R.T. -0.002 min

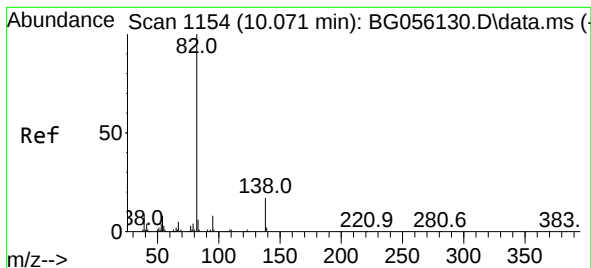
Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Tgt Ion: 77 Resp: 109199

Ion	Ratio	Lower	Upper
77	100		
123	55.1	38.8	58.2
65	12.1	9.1	13.7





#25

Isophorone

Concen: 41.780 ng

RT: 10.037 min Scan# 1148

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion: 82 Resp: 224219

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

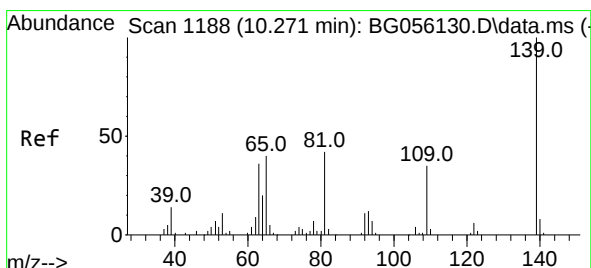
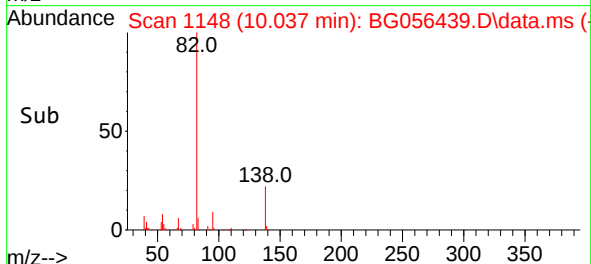
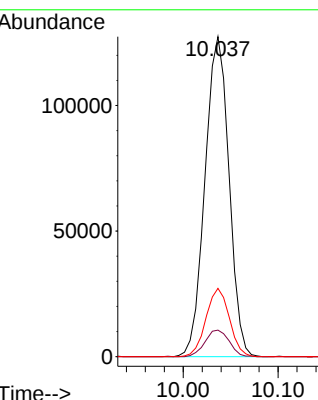
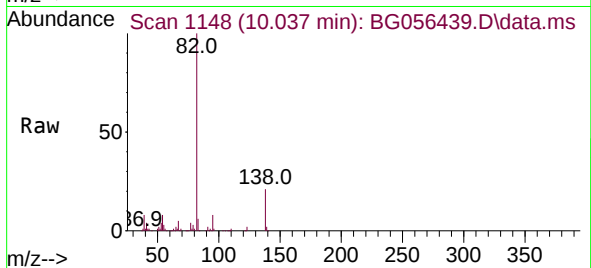
138 21.3 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#26

2-Nitrophenol

Concen: 51.383 ng

RT: 10.230 min Scan# 1181

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

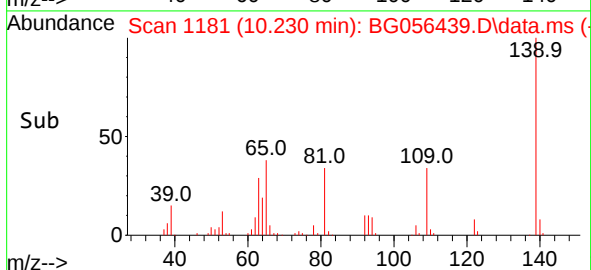
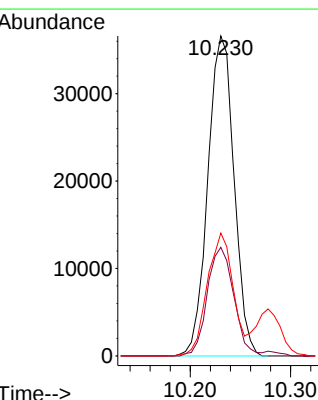
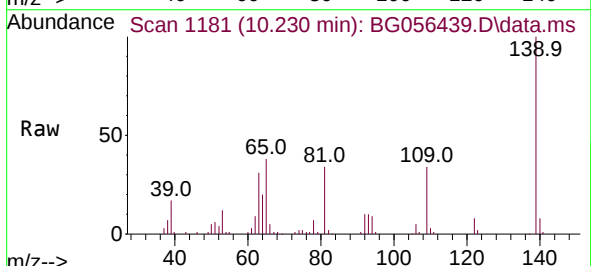
Tgt Ion:139 Resp: 66455

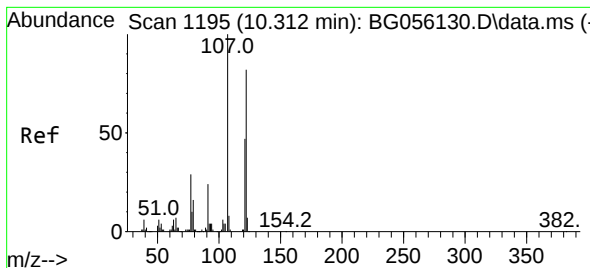
Ion Ratio Lower Upper

139 100

109 33.9 28.4 42.6

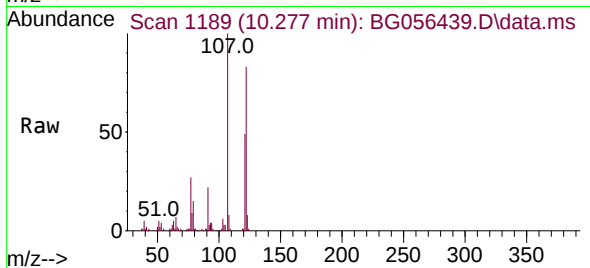
65 38.4 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 51.706 ng m
RT: 10.277 min Scan# 1195
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

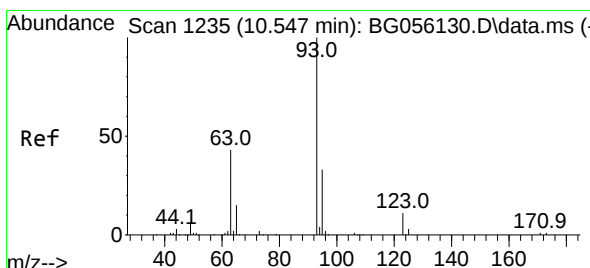
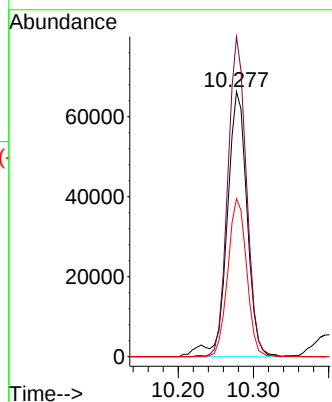
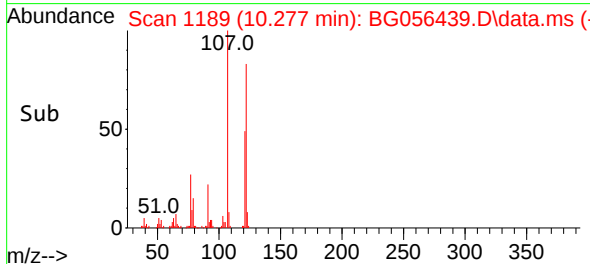
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:122 Resp: 121969
Ion Ratio Lower Upper
122 100
107 120.8 97.5 146.3
121 59.6 45.9 68.9

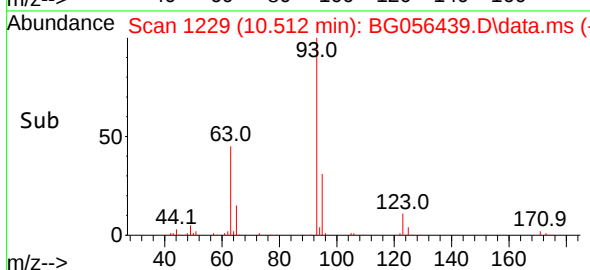
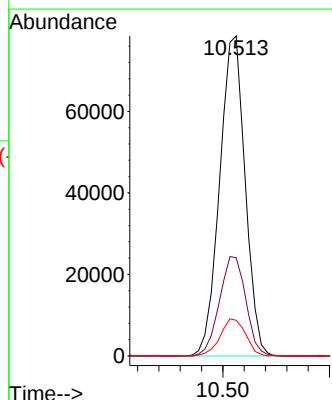
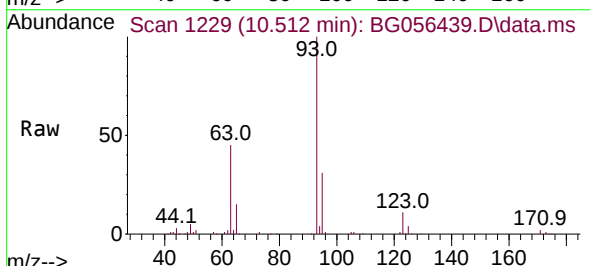
Manual Integrations
APPROVED

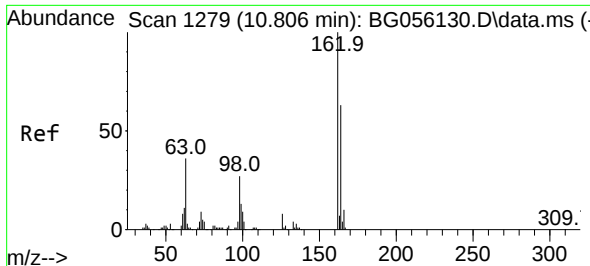
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.775 ng
RT: 10.512 min Scan# 1229
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 93 Resp: 130469
Ion Ratio Lower Upper
93 100
95 30.7 26.2 39.2
123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.652 ng

RT: 10.771 min Scan# 1273

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

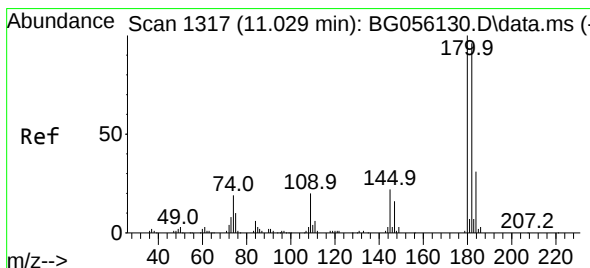
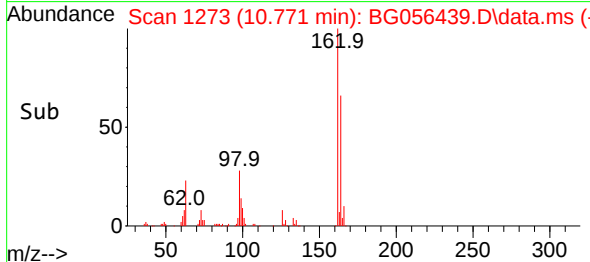
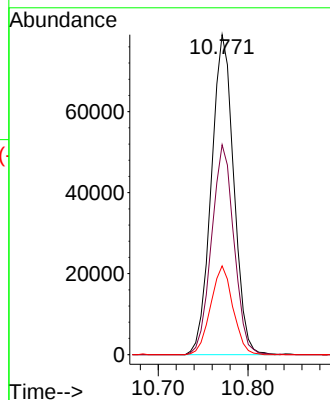
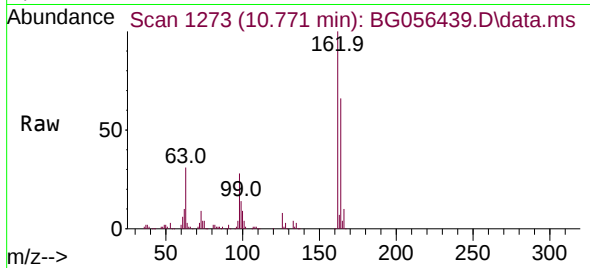
Tgt Ion:	162	Resp:	137313
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.3	83.3
98	27.7	6.8	46.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.597 ng

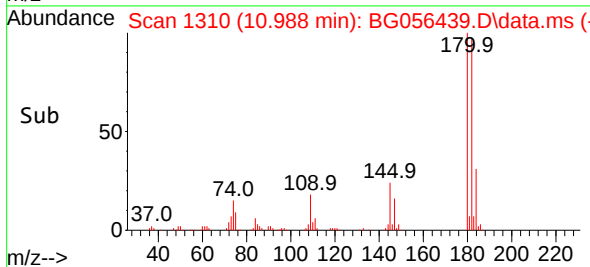
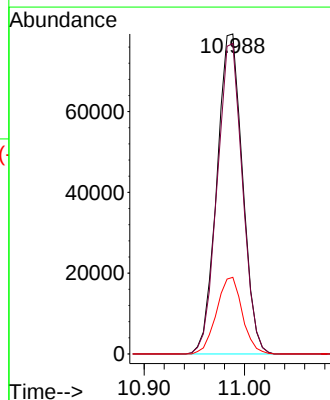
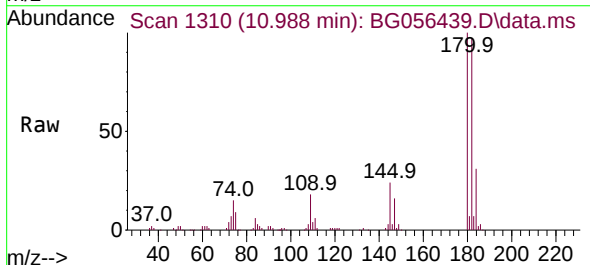
RT: 10.988 min Scan# 1310

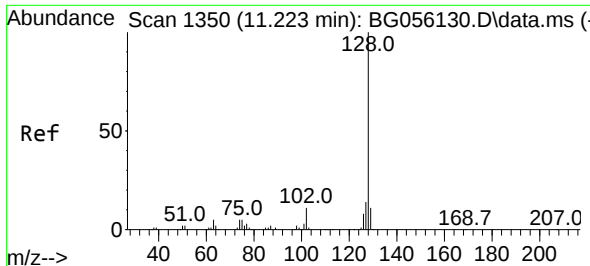
Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

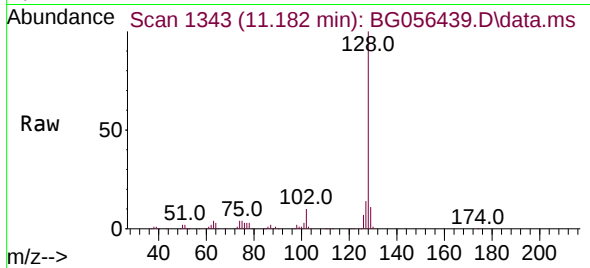
Tgt Ion:	180	Resp:	140862
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.0	115.4
145	24.0	17.4	26.2





#31
Naphthalene
Concen: 48.421 ng
RT: 11.182 min Scan# 1350
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

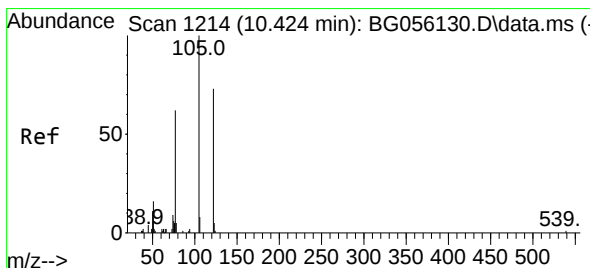
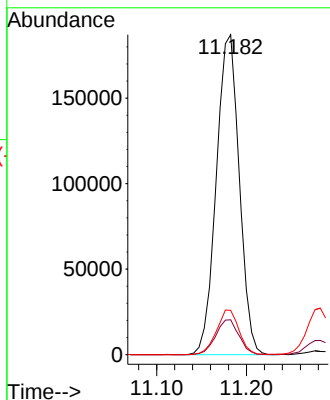
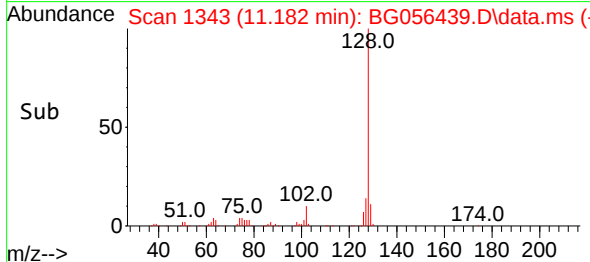
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:128 Resp: 332488
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.8 11.2 16.8

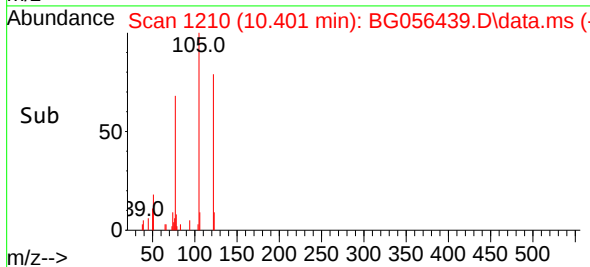
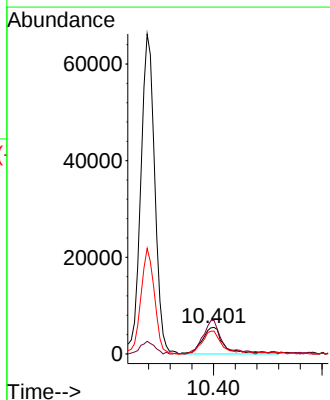
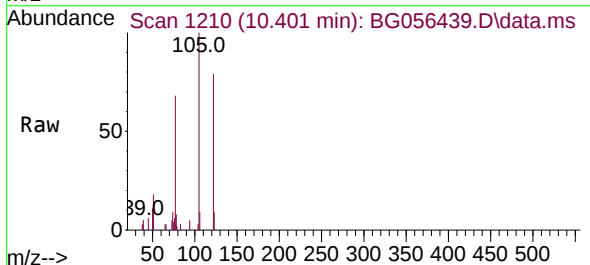
Manual Integrations
APPROVED

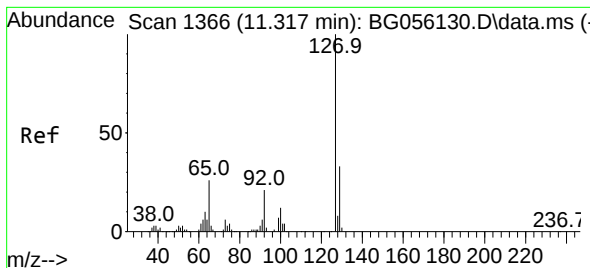
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#32
Benzoic acid
Concen: 8.725 ng m
RT: 10.401 min Scan# 1210
Delta R.T. -0.007 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

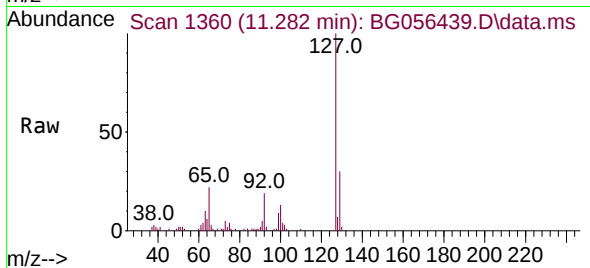
Tgt Ion:122 Resp: 15271
Ion Ratio Lower Upper
122 100
105 125.9 109.0 149.0
77 86.2 63.1 103.1





#33
4-Chloroaniline
Concen: 15.674 ng
RT: 11.282 min Scan# 1366
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

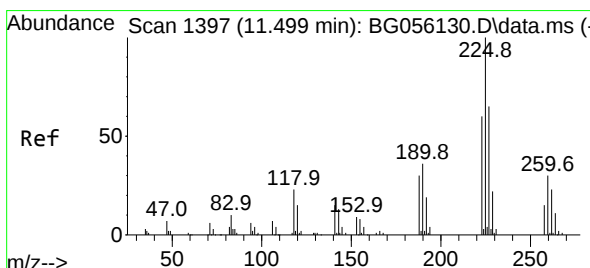
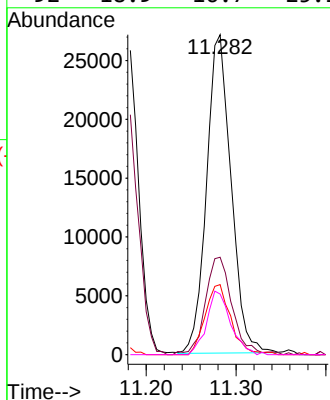
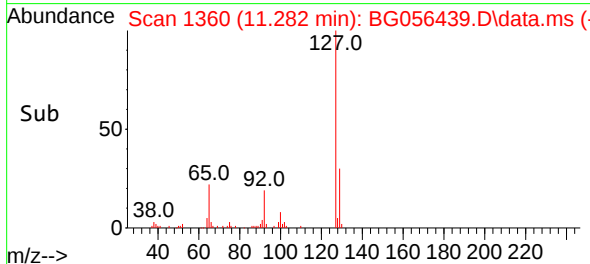
Instrument :
BNA_G
ClientSampleId :
TP-21MS



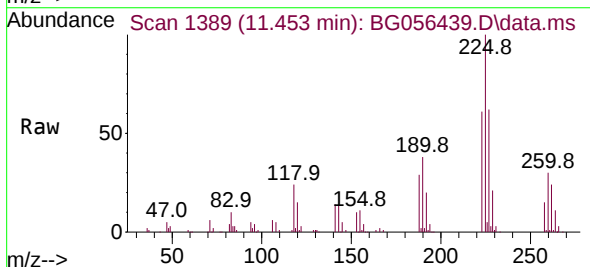
Tgt Ion:	127	Resp:	51385
Ion Ratio	Lower	Upper	
127	100		
129	30.4	26.1	39.1
65	21.9	20.9	31.3
92	18.9	16.7	25.1

Manual Integrations
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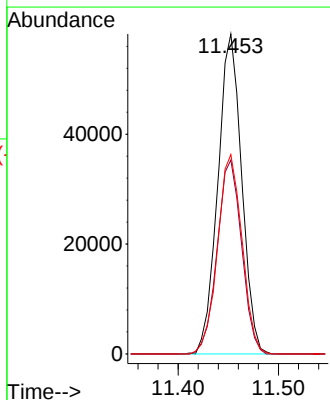
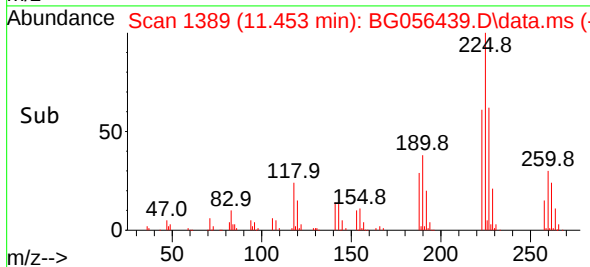
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

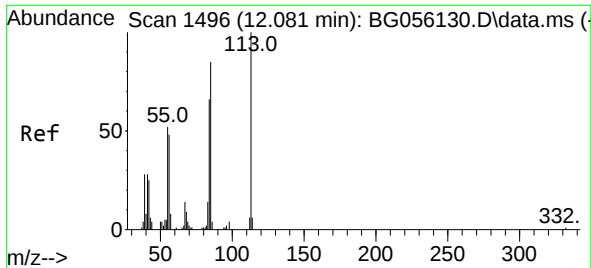


#34
Hexachlorobutadiene
Concen: 45.202 ng
RT: 11.453 min Scan# 1389
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



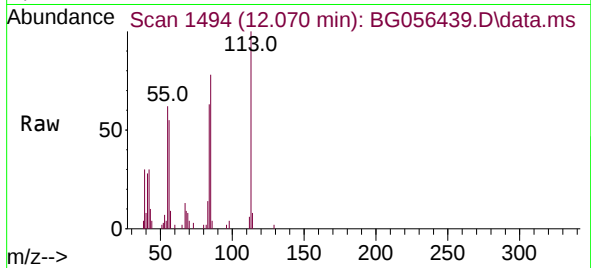
Tgt Ion:	225	Resp:	96213
Ion Ratio	Lower	Upper	
225	100		
223	60.6	47.7	71.5
227	62.3	52.3	78.5





#35
Caprolactam
Concen: 34.475 ng m
RT: 12.070 min Scan# 1496
Delta R.T. 0.016 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

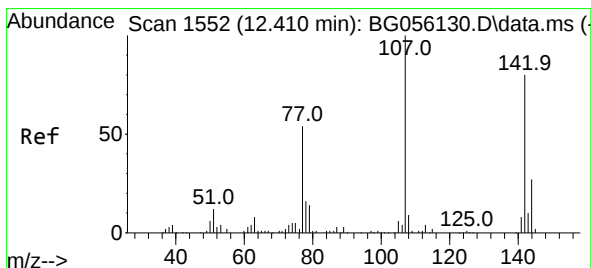
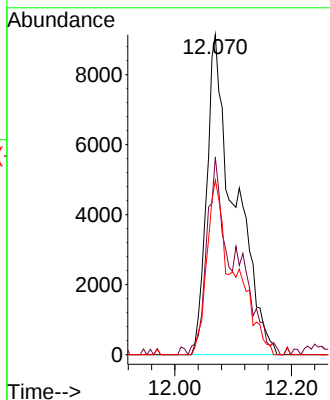
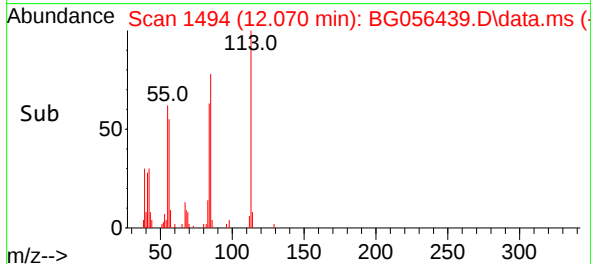
Instrument :
BNA_G
ClientSampleId :
TP-21MS



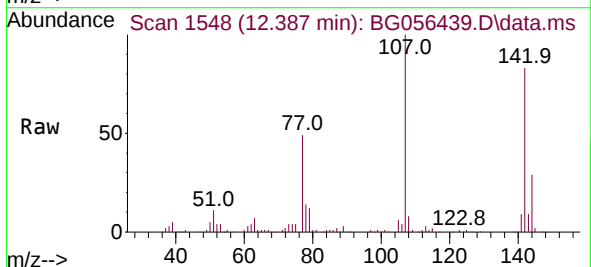
Tgt Ion:113 Resp: 30440
Ion Ratio Lower Upper
113 100
55 61.8 31.9 71.9
56 54.5 27.6 67.6

Manual Integrations
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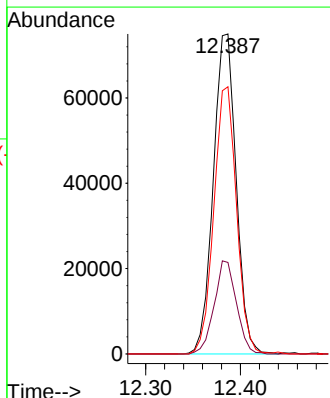
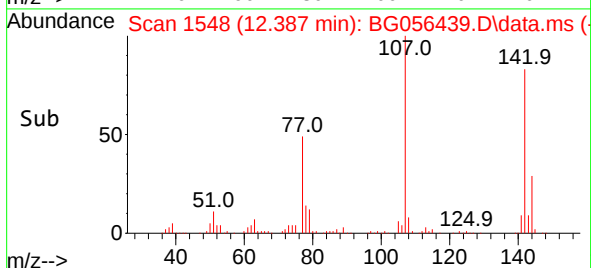
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

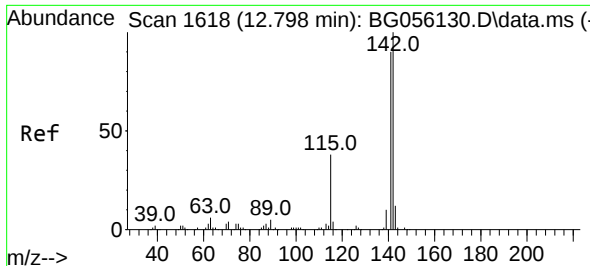


#36
4-Chloro-3-methylphenol
Concen: 47.478 ng
RT: 12.387 min Scan# 1548
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:107 Resp: 125641
Ion Ratio Lower Upper
107 100
144 28.6 21.5 32.3
142 83.5 63.8 95.6





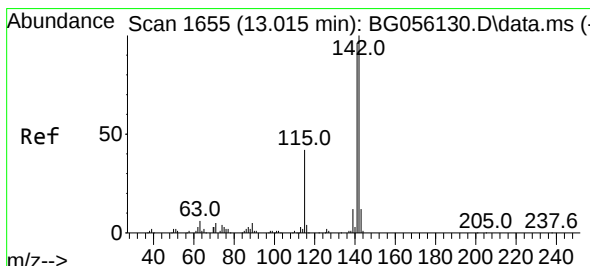
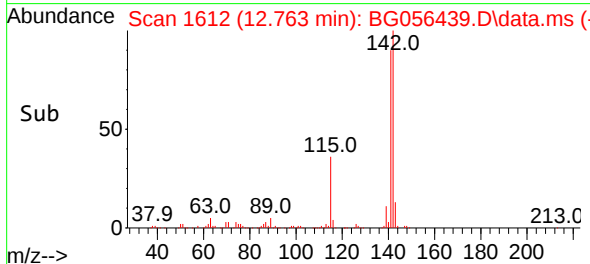
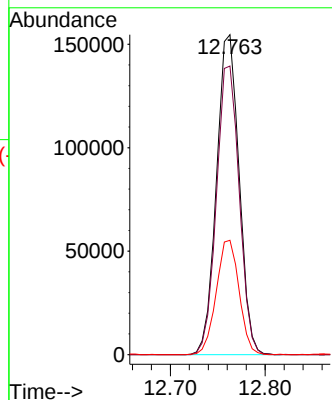
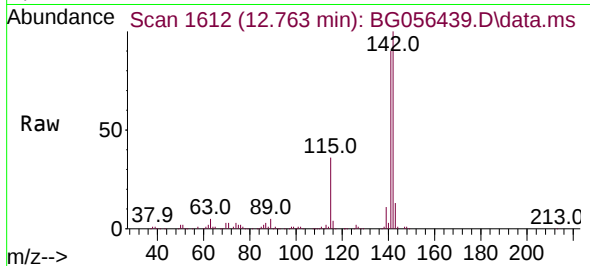
#37
2-Methylnaphthalene
Concen: 44.183 ng
RT: 12.763 min Scan# 1612
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:142 Resp: 256169
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4
115 35.7 30.7 46.1

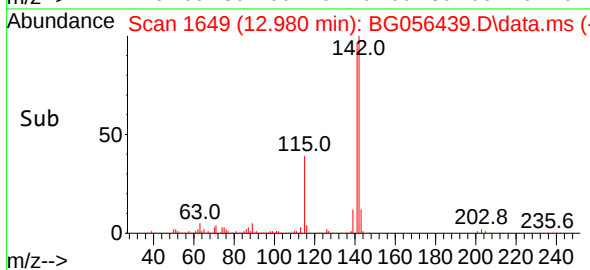
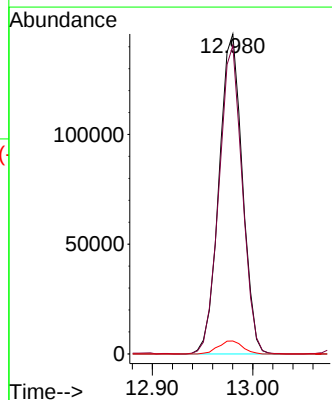
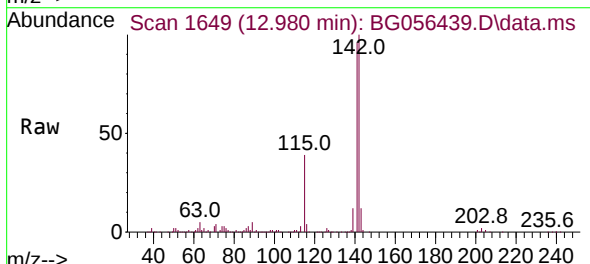
Manual Integrations
APPROVED

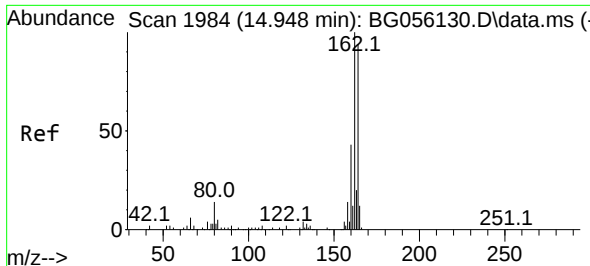
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#38
1-Methylnaphthalene
Concen: 43.741 ng
RT: 12.980 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

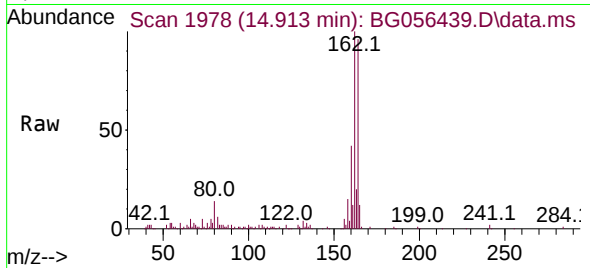
Tgt Ion:142 Resp: 235502
Ion Ratio Lower Upper
142 100
141 96.3 77.0 115.6
116 4.0 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.913 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

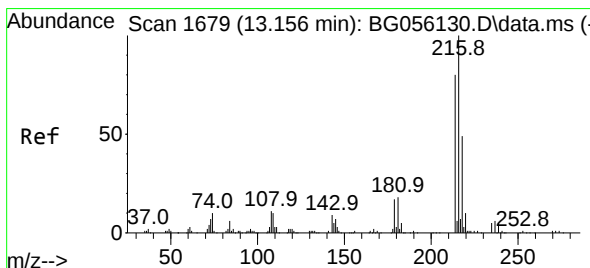
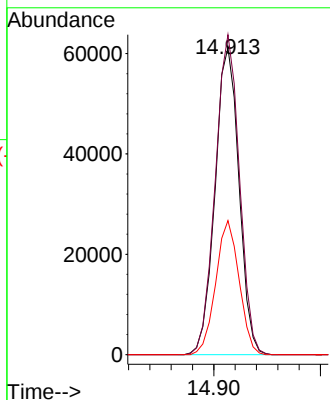
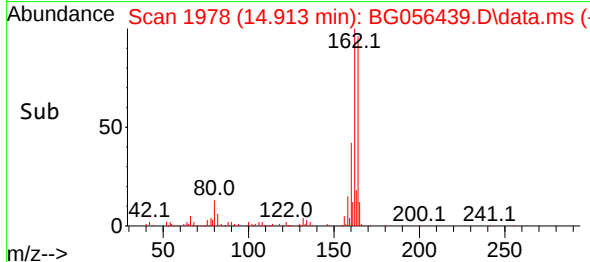
Instrument :
BNA_G
ClientSampleId :
TP-21MS



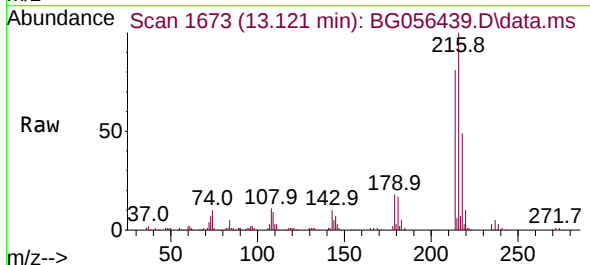
Tgt Ion:164 Resp: 95321
Ion Ratio Lower Upper
164 100
162 104.2 84.7 127.1
160 43.7 36.3 54.5

Manual Integrations
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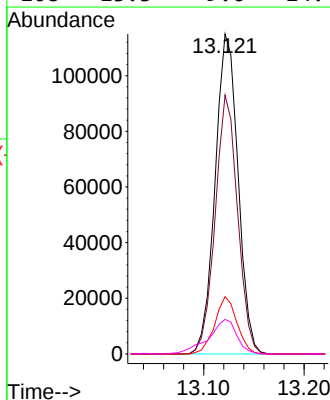
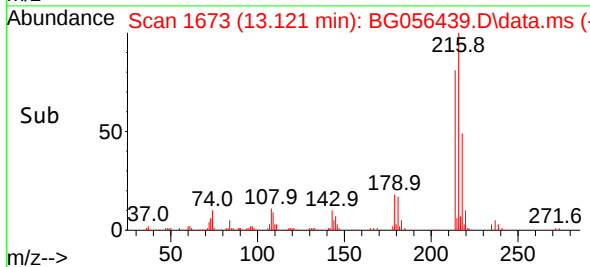
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

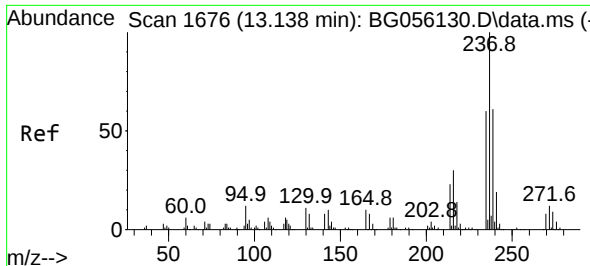


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.134 ng
RT: 13.121 min Scan# 1673
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



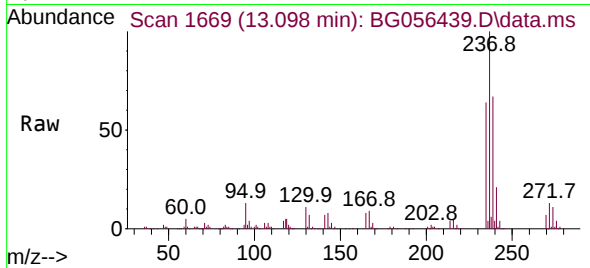
Tgt Ion:216 Resp: 182680
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 17.3 13.6 20.4
108 13.3 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 99.740 ng
RT: 13.098 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

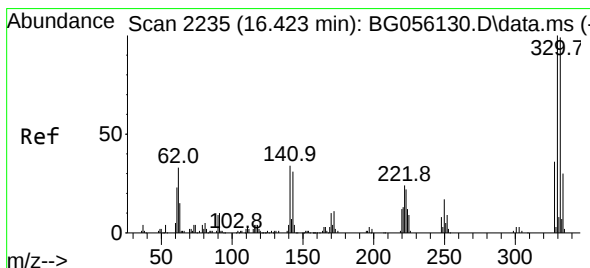
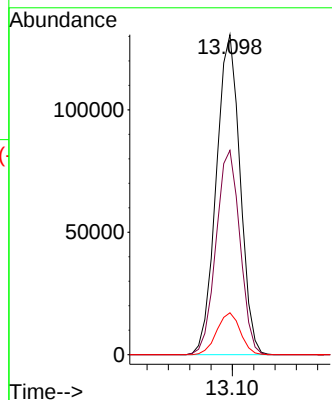
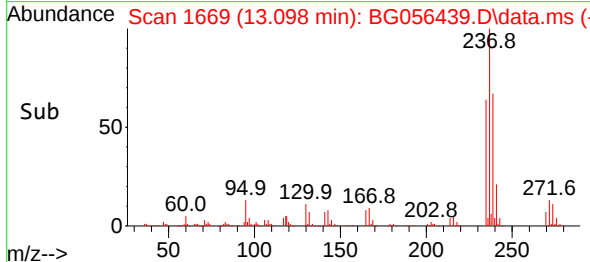
Instrument :
BNA_G
ClientSampleId :
TP-21MS



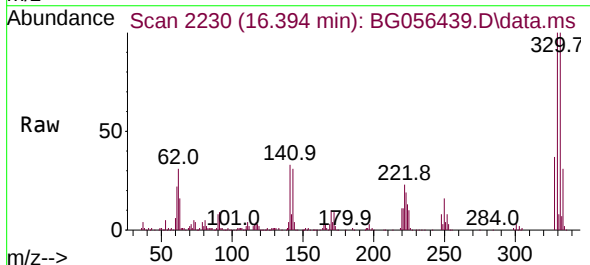
Tgt Ion:237 Resp: 203153
Ion Ratio Lower Upper
237 100
235 63.8 40.3 80.3
272 13.1 0.0 32.5

Manual Integrations
APPROVED

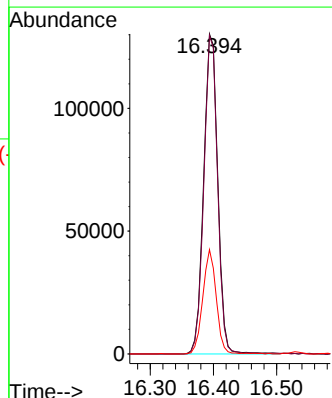
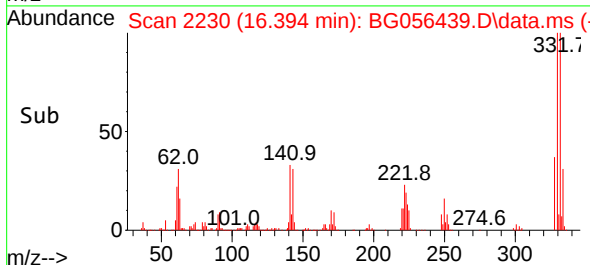
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

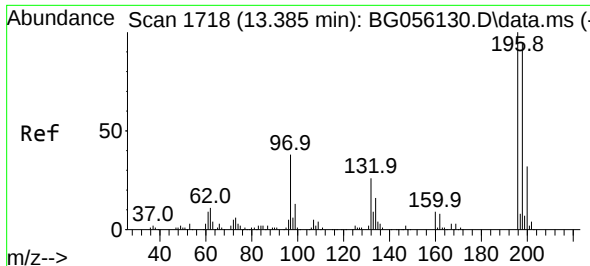


#42
2,4,6-Tribromophenol
Concen: 166.818 ng
RT: 16.394 min Scan# 2230
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



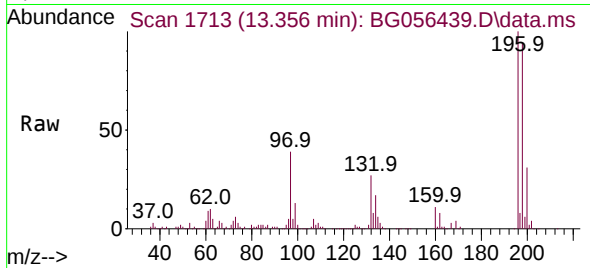
Tgt Ion:330 Resp: 201387
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.0 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 55.307 ng
RT: 13.356 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

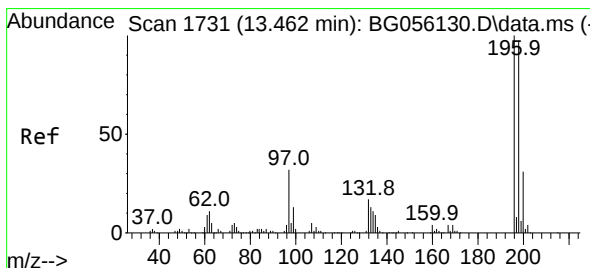
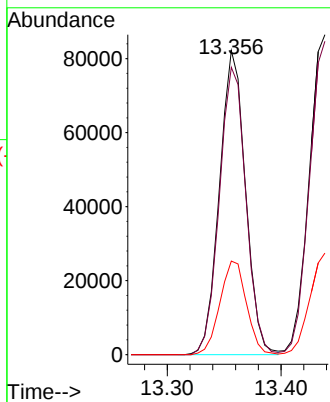
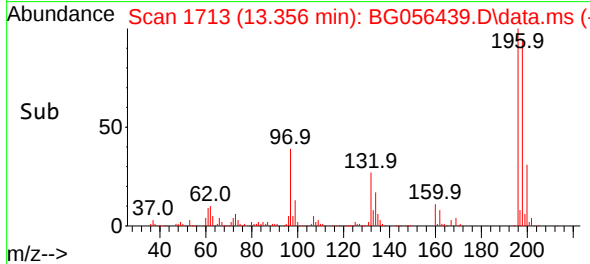
Instrument :
BNA_G
ClientSampleId :
TP-21MS



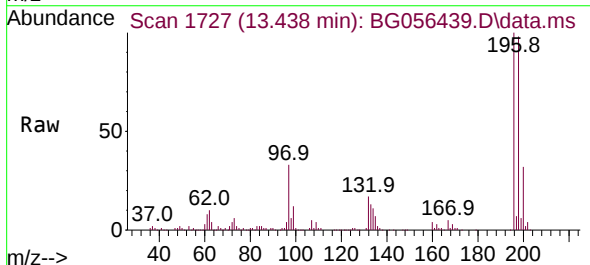
Tgt Ion:196 Resp: 130656
Ion Ratio Lower Upper
196 100
198 94.4 75.5 113.3
200 30.8 25.7 38.5

Manual Integrations
APPROVED

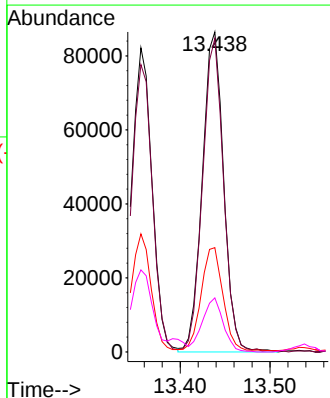
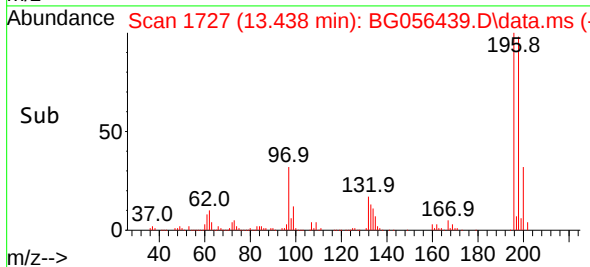
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

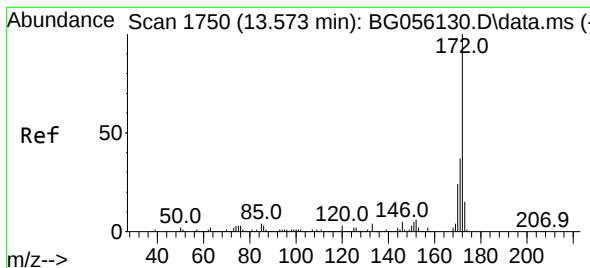


#44
2,4,5-Trichlorophenol
Concen: 51.264 ng
RT: 13.438 min Scan# 1727
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:196 Resp: 143257
Ion Ratio Lower Upper
196 100
198 97.9 78.0 117.0
97 32.6 25.7 38.5
132 16.9 13.6 20.4





#45

2-Fluorobiphenyl

Concen: 101.680 ng

RT: 13.538 min Scan# 1744

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion:172 Resp: 701880

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

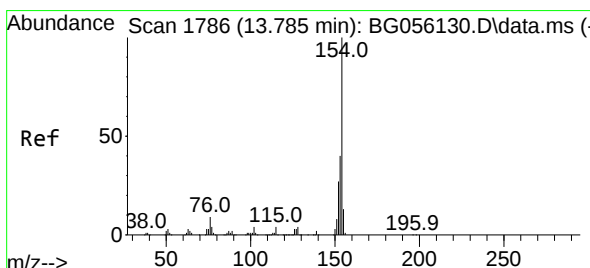
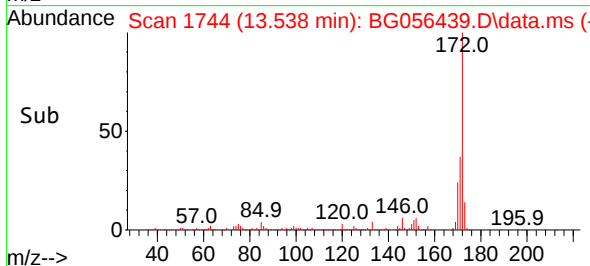
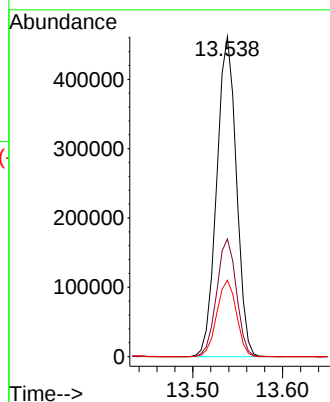
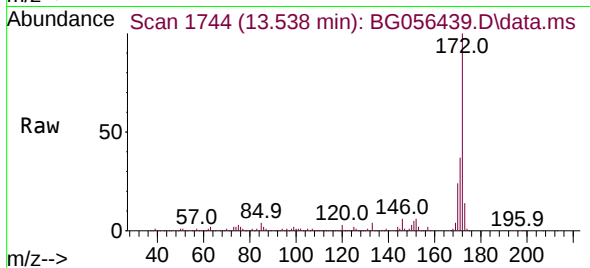
170 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#46

1,1'-Biphenyl

Concen: 53.212 ng

RT: 13.750 min Scan# 1780

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

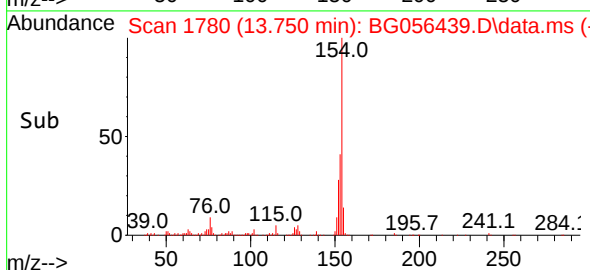
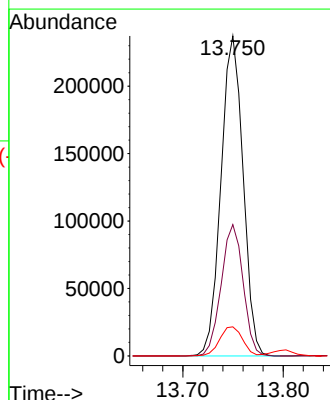
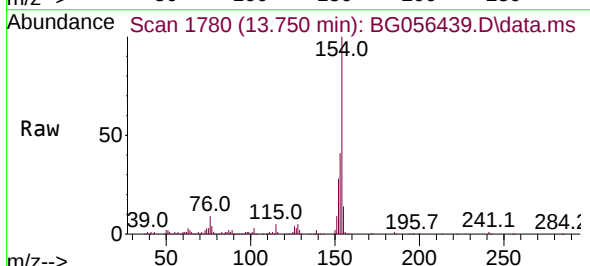
Tgt Ion:154 Resp: 363257

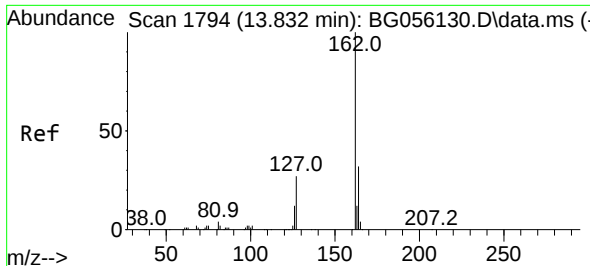
Ion Ratio Lower Upper

154 100

153 41.1 20.0 60.0

76 9.1 0.0 29.3





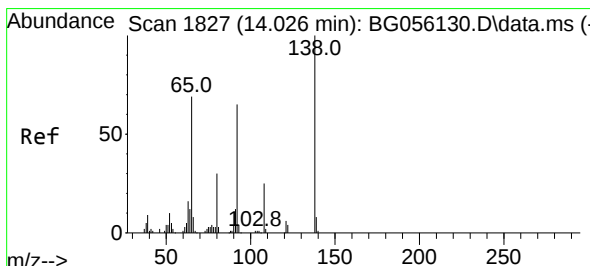
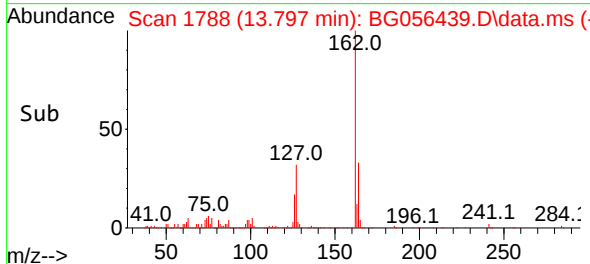
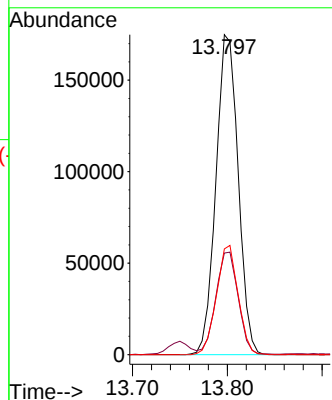
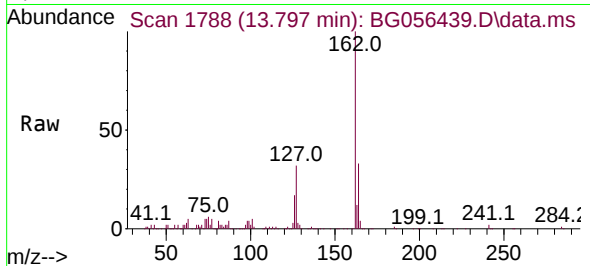
#47
2-Chloronaphthalene
Concen: 52.892 ng
RT: 13.797 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:162 Resp: 285000
Ion Ratio Lower Upper
162 100
127 31.7 24.6 36.8
164 33.0 25.8 38.8

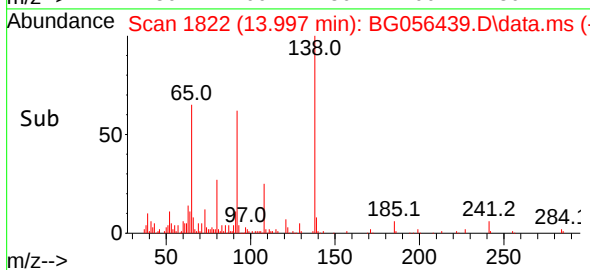
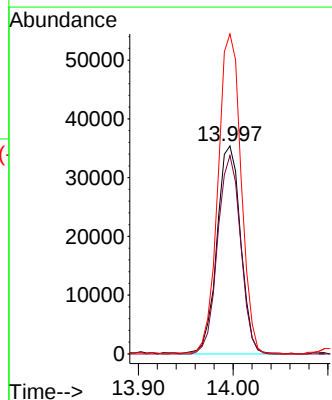
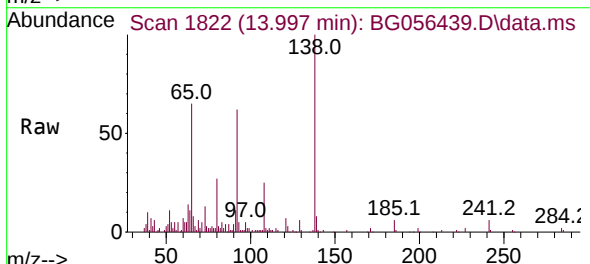
Manual Integrations
APPROVED

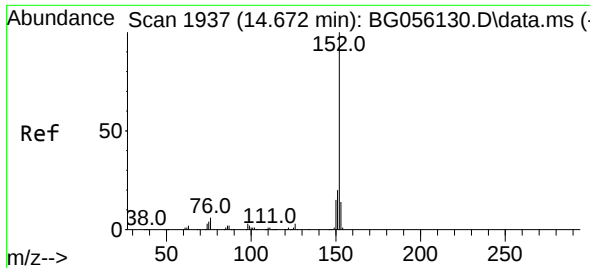
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#48
2-Nitroaniline
Concen: 53.551 ng
RT: 13.997 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion: 65 Resp: 61479
Ion Ratio Lower Upper
65 100
92 95.3 76.0 114.0
138 153.9 116.6 174.8





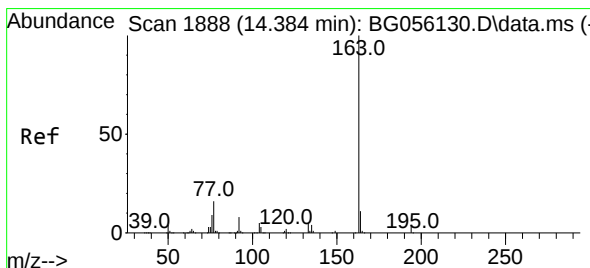
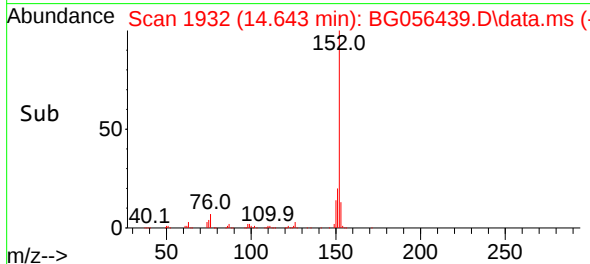
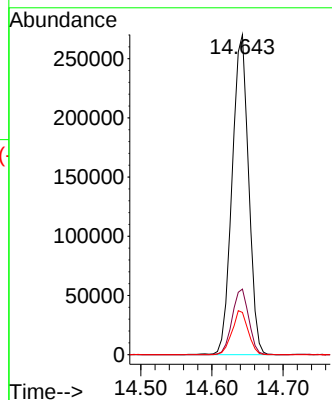
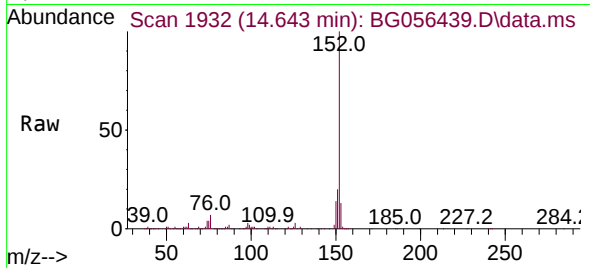
#49
Acenaphthylene
Concen: 49.529 ng
RT: 14.643 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:152 Resp: 434295
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.2 11.0 16.6

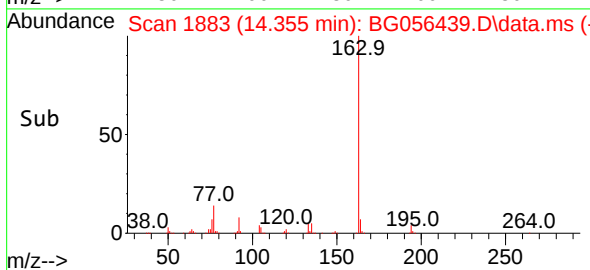
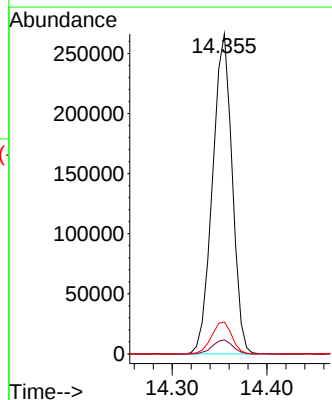
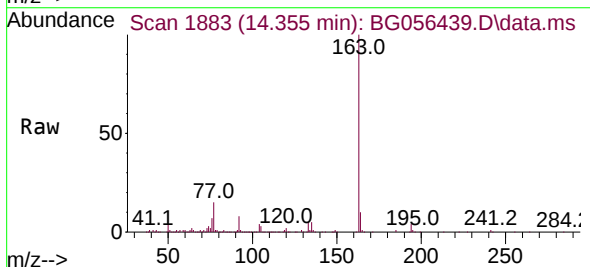
Manual Integrations
APPROVED

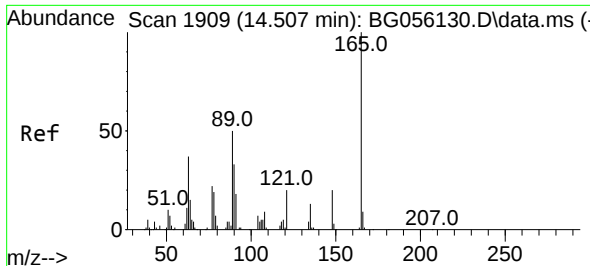
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#50
Dimethylphthalate
Concen: 49.804 ng
RT: 14.355 min Scan# 1883
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:163 Resp: 383238
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 8.7 13.1





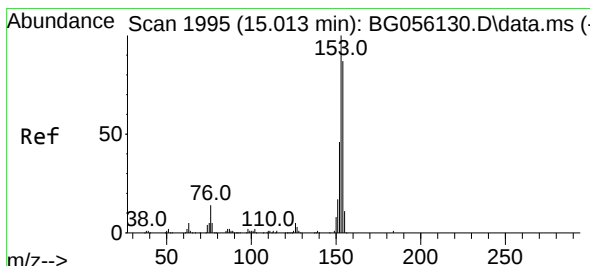
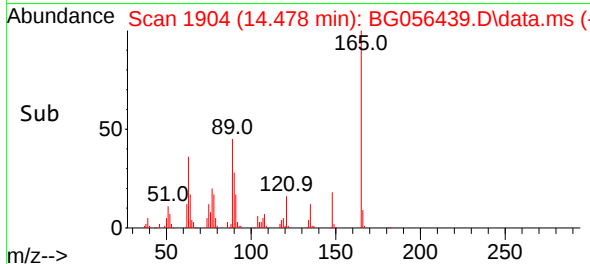
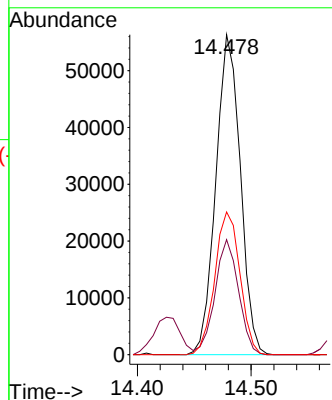
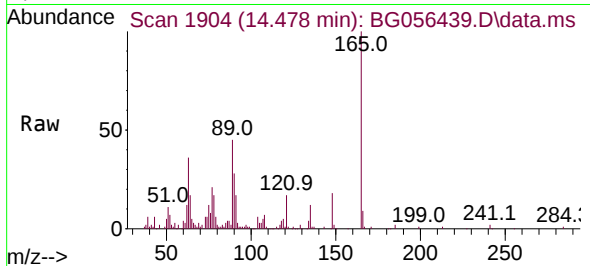
#51
2,6-Dinitrotoluene
Concen: 51.416 ng
RT: 14.478 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:165 Resp: 84304
Ion Ratio Lower Upper
165 100
63 35.9 32.2 48.2
89 44.6 39.8 59.8

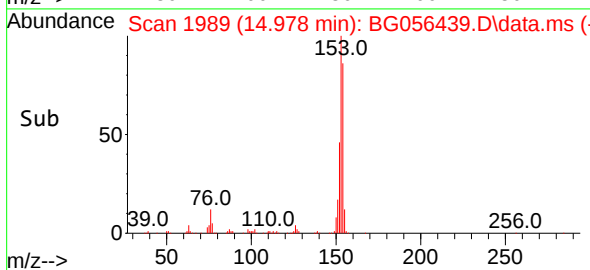
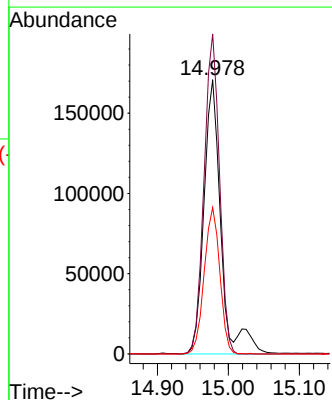
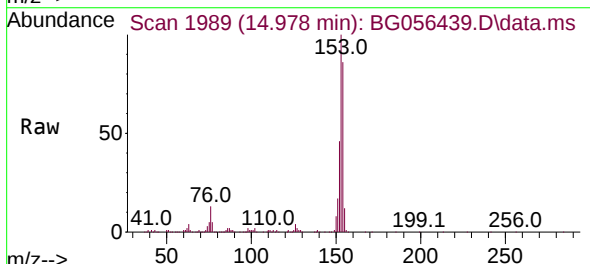
Manual Integrations
APPROVED

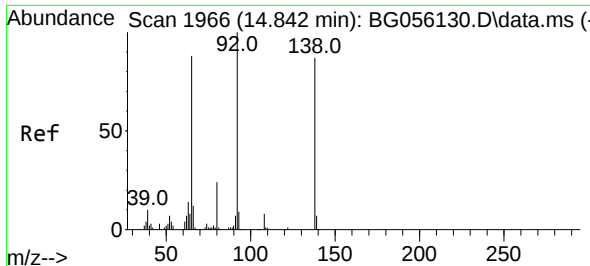
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#52
Acenaphthene
Concen: 49.940 ng m
RT: 14.978 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

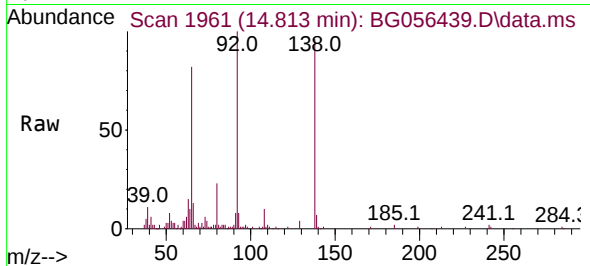
Tgt Ion:154 Resp: 284809
Ion Ratio Lower Upper
154 100
153 116.7 92.0 138.0
152 53.4 42.5 63.7





#53
3-Nitroaniline
Concen: 37.841 ng
RT: 14.813 min Scan# 1961
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

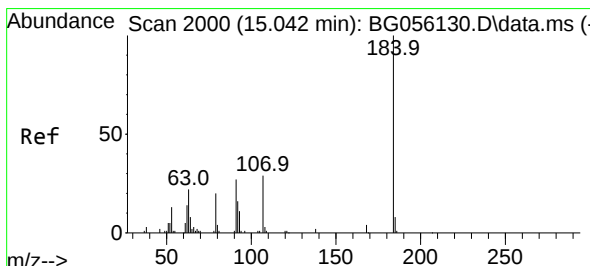
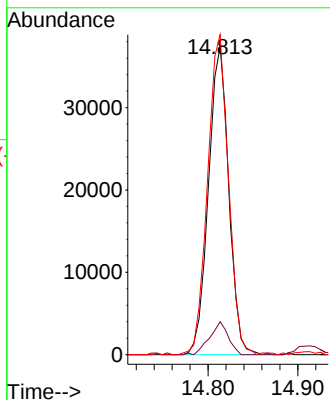
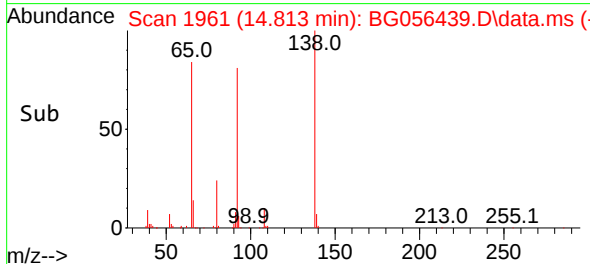
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:138 Resp: 59050
Ion Ratio Lower Upper
138 100
108 10.6 7.6 11.4
92 103.8 91.7 137.5

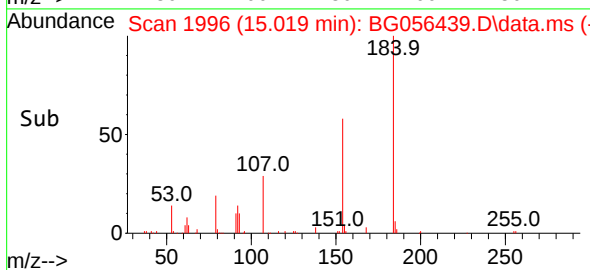
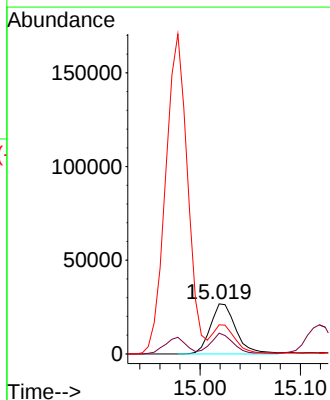
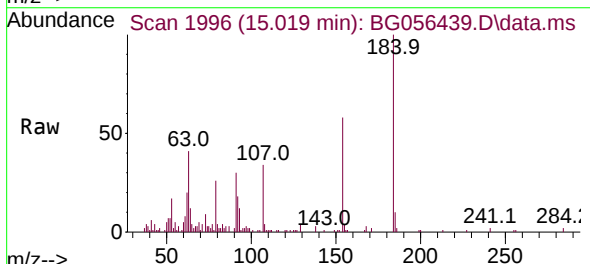
Manual Integrations
APPROVED

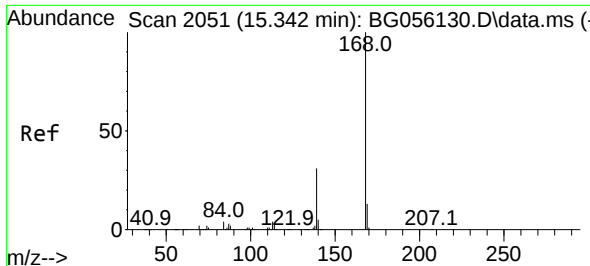
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#54
2,4-Dinitrophenol
Concen: 40.235 ng
RT: 15.019 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

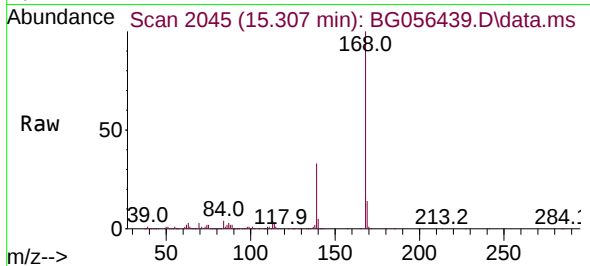
Tgt Ion:184 Resp: 47129
Ion Ratio Lower Upper
184 100
63 41.3 24.0 36.0#
154 58.1 45.4 68.0





#55
Dibenzofuran
Concen: 49.194 ng
RT: 15.307 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

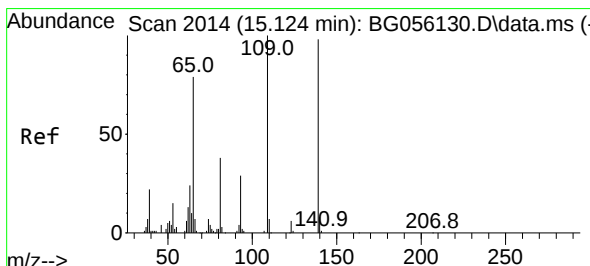
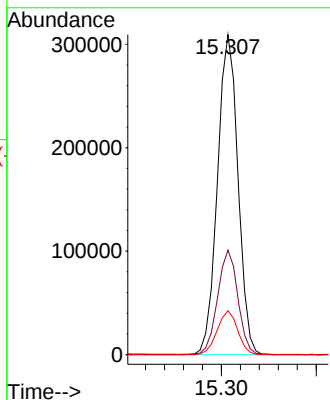
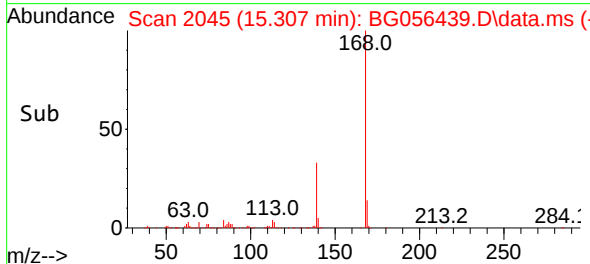
Instrument :
BNA_G
ClientSampleId :
TP-21MS



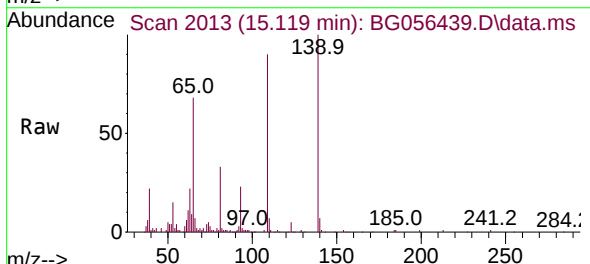
Tgt Ion:168 Resp: 464265
Ion Ratio Lower Upper
168 100
139 32.6 24.7 37.1
169 13.7 10.3 15.5

Manual Integrations
APPROVED

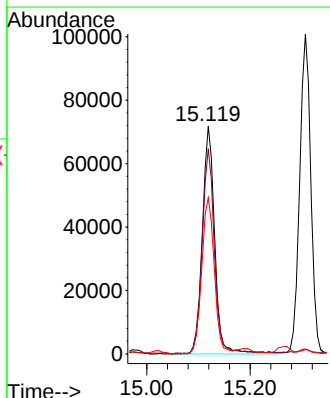
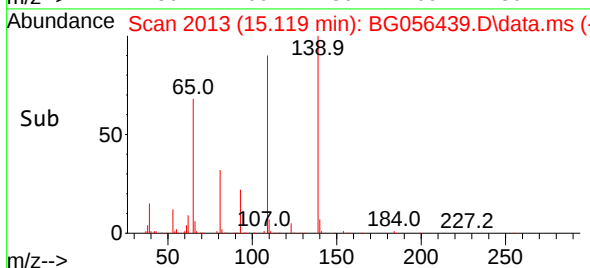
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

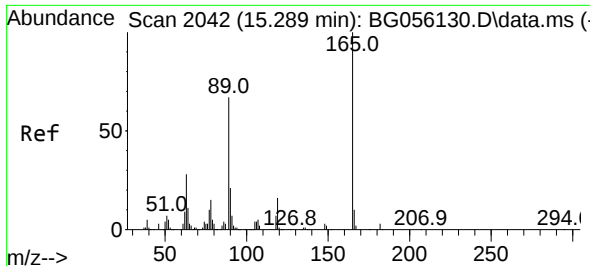


#56
4-Nitrophenol
Concen: 99.075 ng
RT: 15.119 min Scan# 2013
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:139 Resp: 118904
Ion Ratio Lower Upper
139 100
109 90.1 82.2 122.2
65 68.5 60.6 100.6





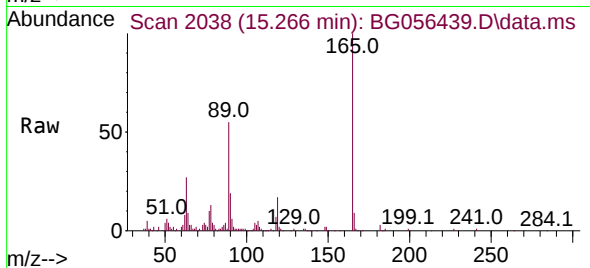
#57
2,4-Dinitrotoluene
Concen: 52.591 ng
RT: 15.266 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

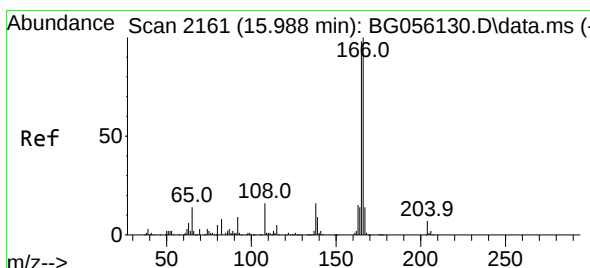
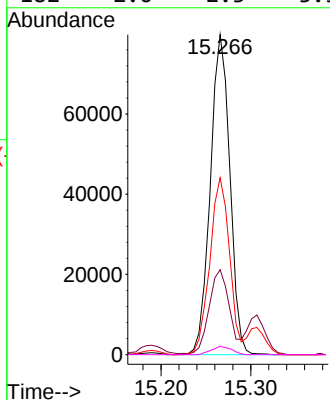
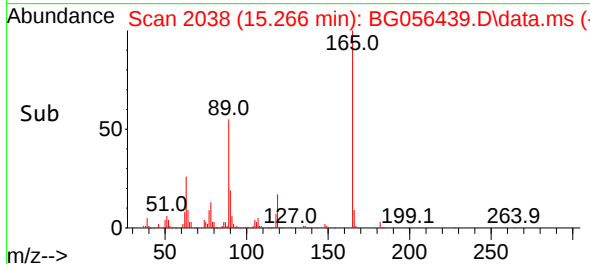


Tgt Ion:165 Resp: 120595
Ion Ratio Lower Upper
165 100
63 26.5 22.6 34.0
89 55.3 53.2 79.8
182 2.6 2.3 3.5

Manual Integrations

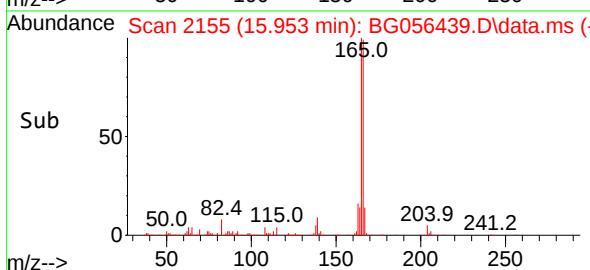
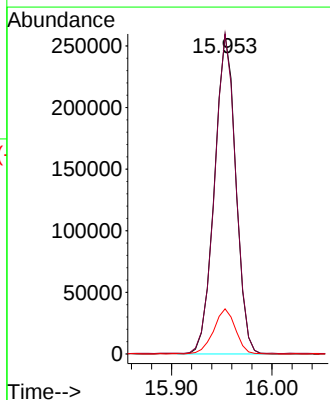
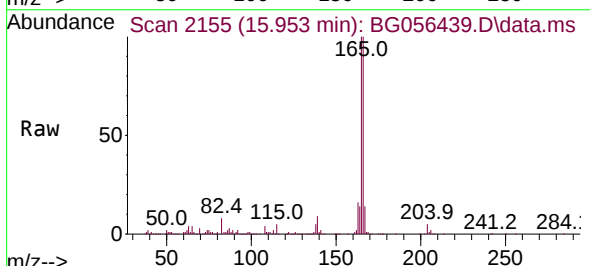
APPROVED

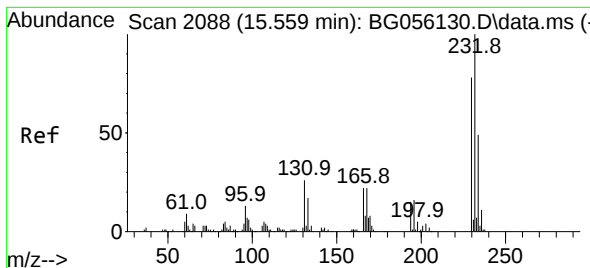
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 50.236 ng
RT: 15.953 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:166 Resp: 381321
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 14.1 11.1 16.7





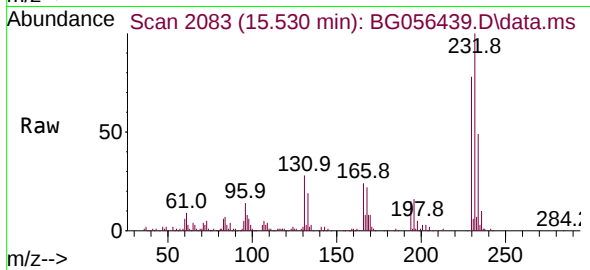
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.699 ng
RT: 15.530 min Scan# 2088
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

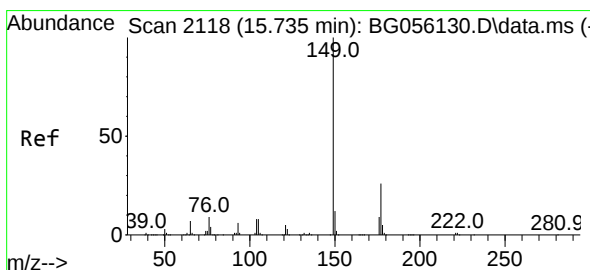
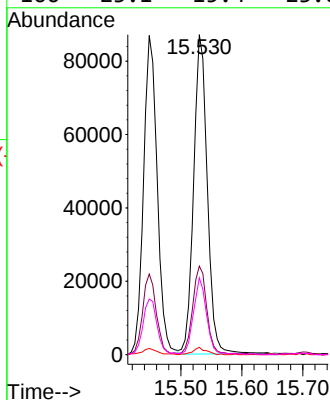
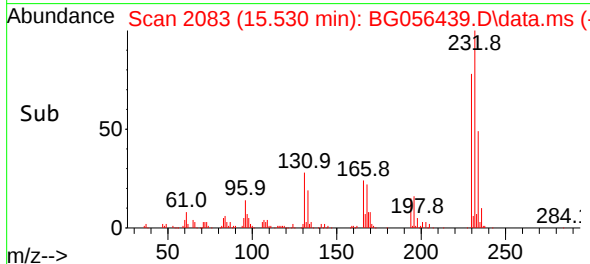


Tgt Ion:232 Resp: 135653
Ion Ratio Lower Upper
232 100
131 28.9 21.4 32.2
130 2.2 1.4 2.0
166 23.1 15.4 23.0#

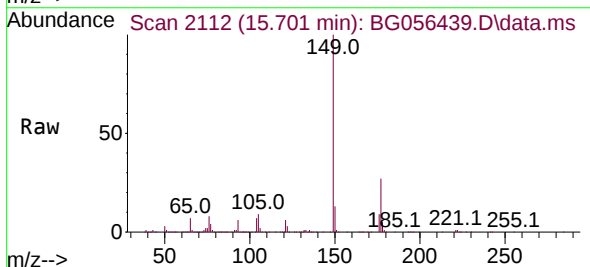
Manual Integrations

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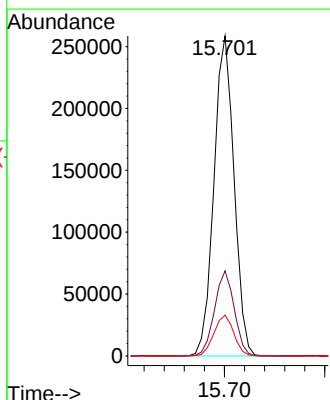
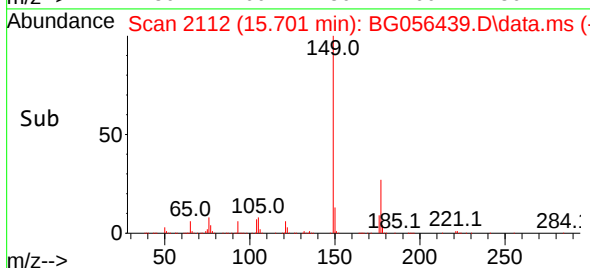
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

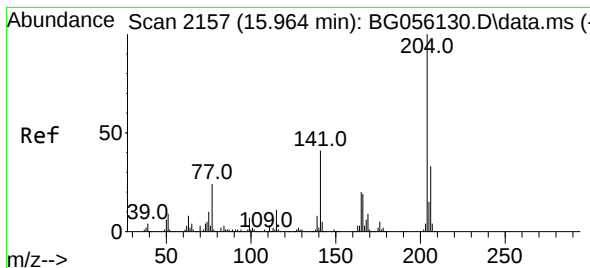


#60
Diethylphthalate
Concen: 49.864 ng
RT: 15.701 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:149 Resp: 359833
Ion Ratio Lower Upper
149 100
177 26.6 20.6 31.0
150 12.7 9.9 14.9





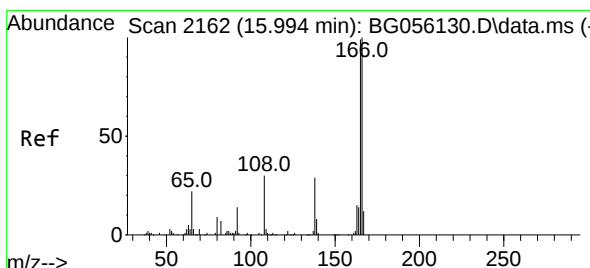
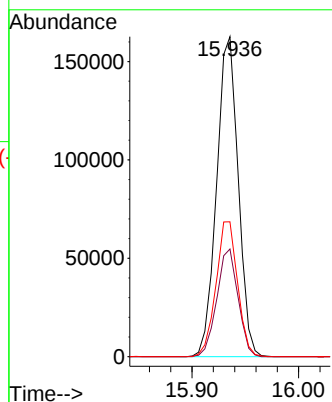
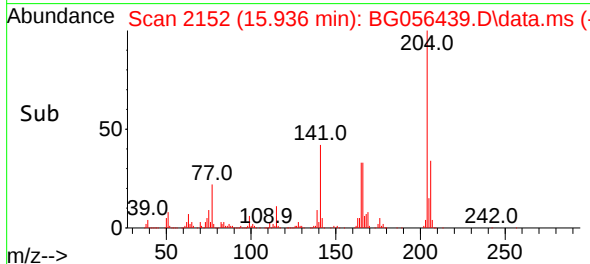
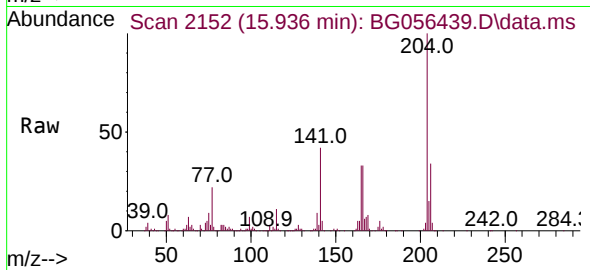
#61
4-Chlorophenyl-phenylether
Concen: 48.354 ng
RT: 15.936 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:204 Resp: 22905
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 42.1 33.0 49.4

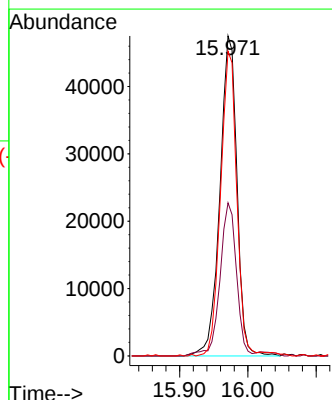
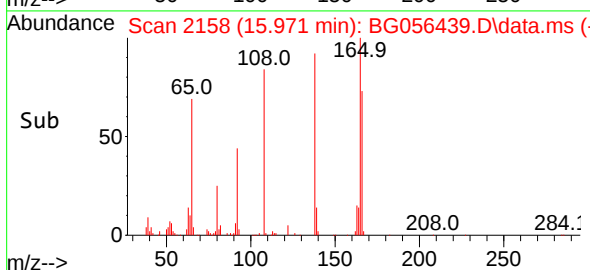
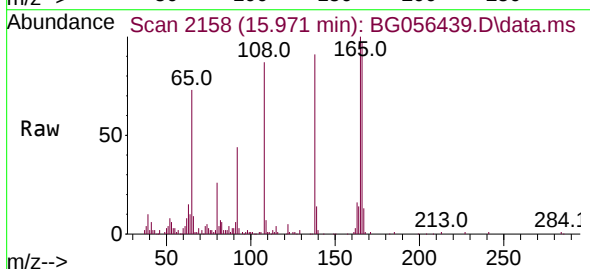
Manual Integrations
APPROVED

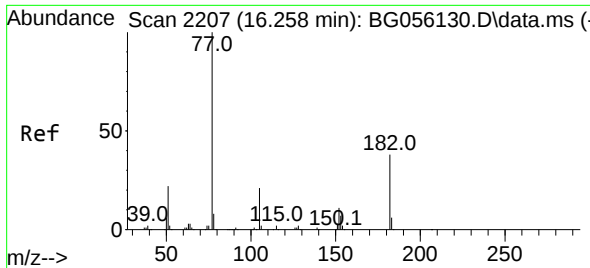
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#62
4-Nitroaniline
Concen: 51.255 ng
RT: 15.971 min Scan# 2158
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

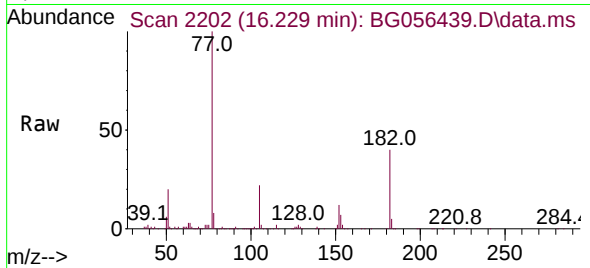
Tgt Ion:138 Resp: 81929
Ion Ratio Lower Upper
138 100
92 47.8 28.6 68.6
108 95.2 83.4 123.4





#63
Azobenzene
Concen: 49.730 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

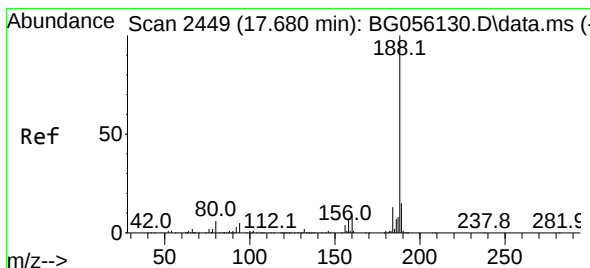
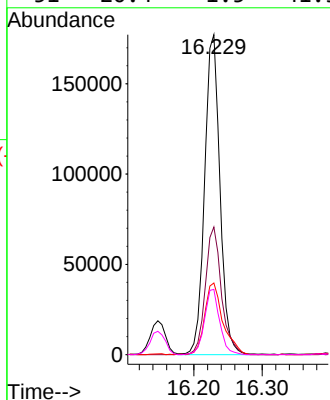
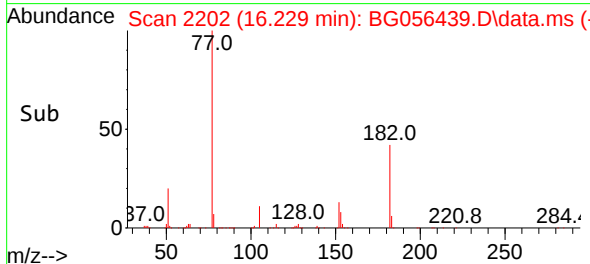
Instrument :
BNA_G
ClientSampleId :
TP-21MS



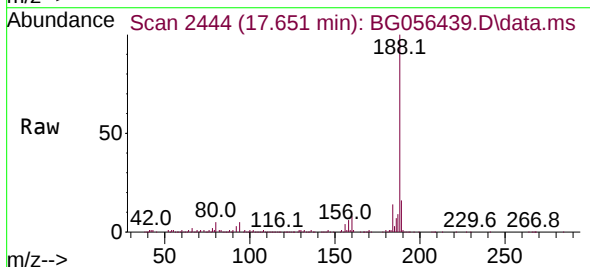
Tgt Ion: 77 Resp: 276934
Ion Ratio Lower Upper
77 100
182 39.9 18.5 58.5
105 22.4 1.4 41.4
51 20.4 1.5 41.5

Manual Integrations
APPROVED

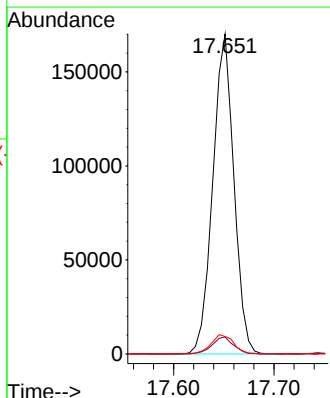
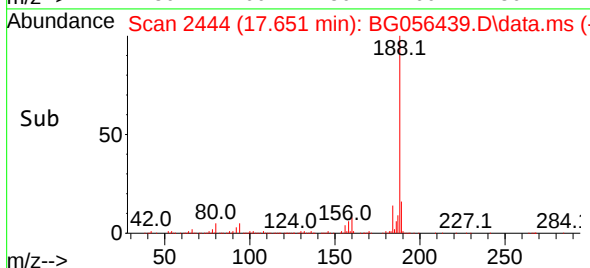
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

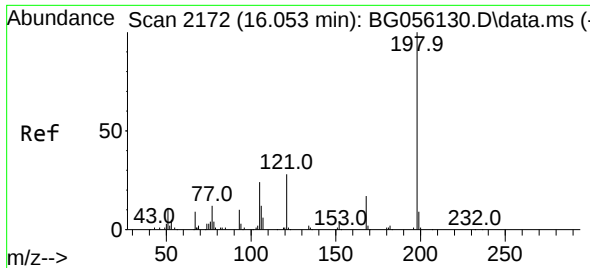


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.651 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



Tgt Ion:188 Resp: 248187
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.4 5.0 7.4





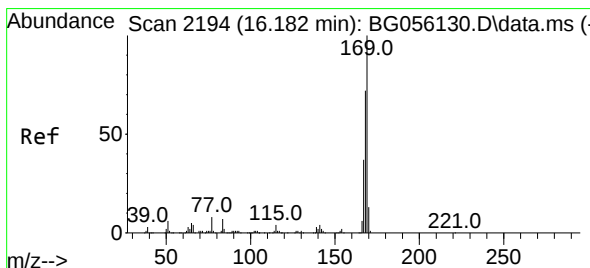
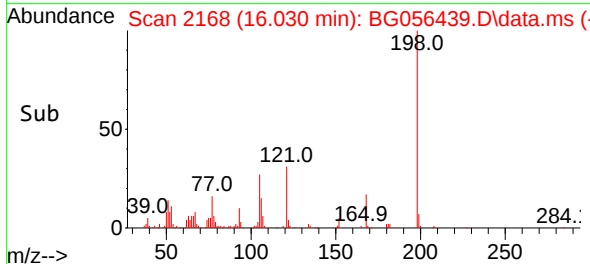
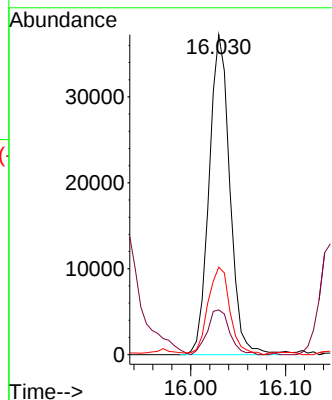
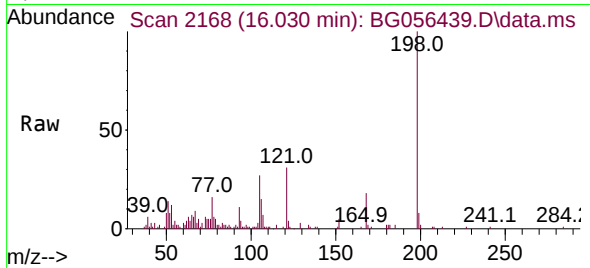
#65
4,6-Dinitro-2-methylphenol
Concen: 33.885 ng
RT: 16.030 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:198 Resp: 56660
Ion Ratio Lower Upper
198 100
51 14.0 0.0 33.2
105 27.3 4.9 44.9

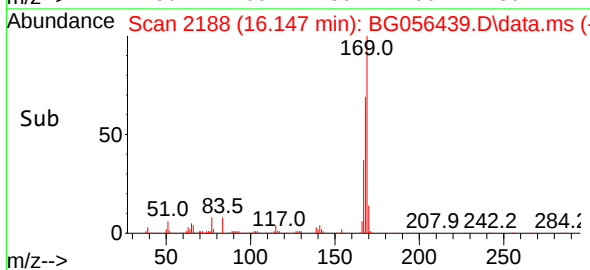
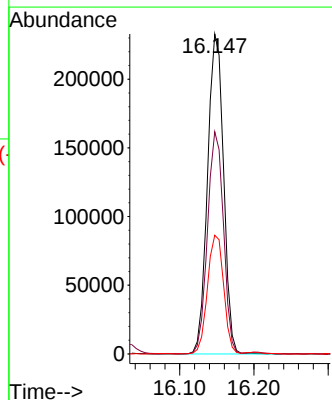
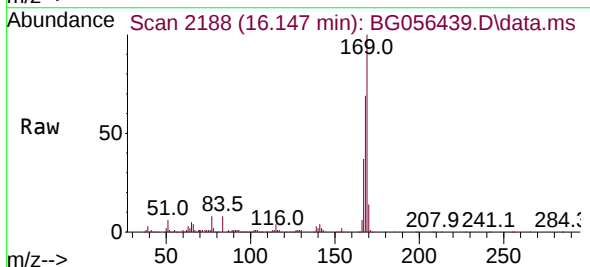
Manual Integrations
APPROVED

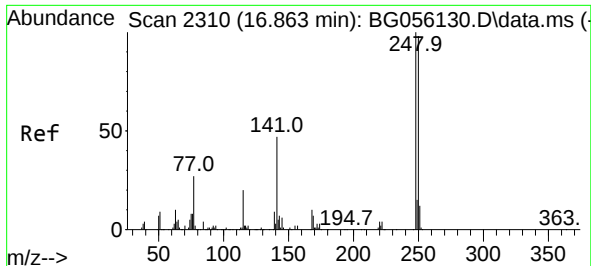
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 50.698 ng
RT: 16.147 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:169 Resp: 349108
Ion Ratio Lower Upper
169 100
168 69.4 58.0 87.0
167 37.1 30.0 45.0





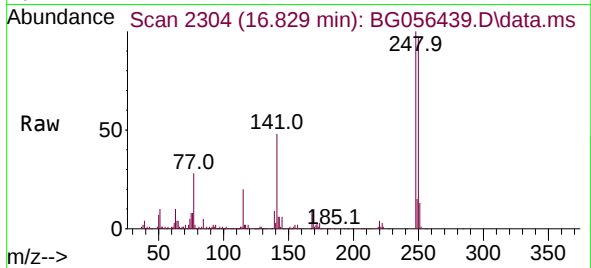
#67
4-Bromophenyl-phenylether
Concen: 50.839 ng
RT: 16.829 min Scan# 2310
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

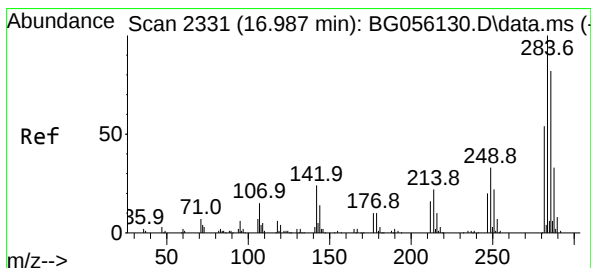
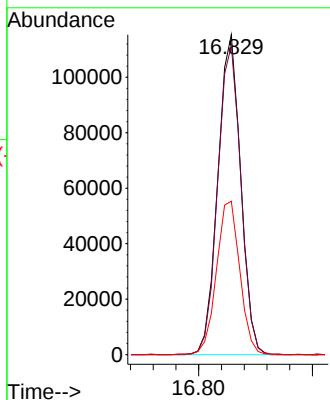
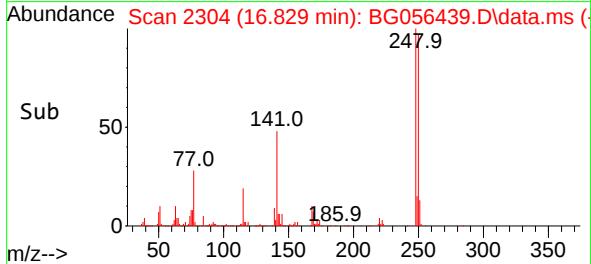


Tgt Ion:248 Resp: 160672
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.4
141 47.9 37.6 56.4

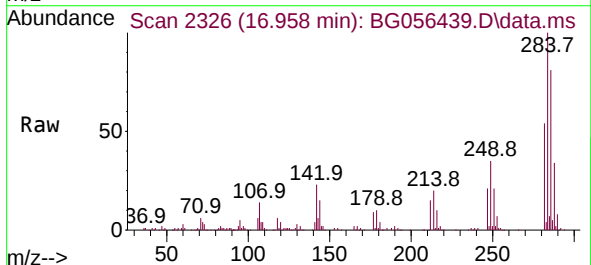
Manual Integrations

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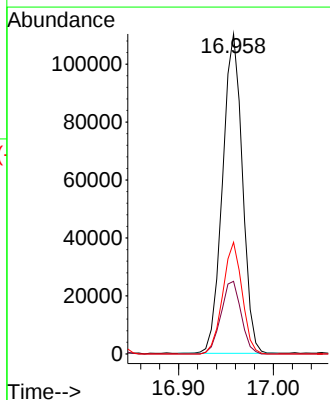
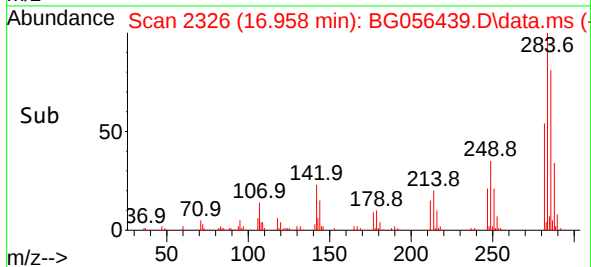
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

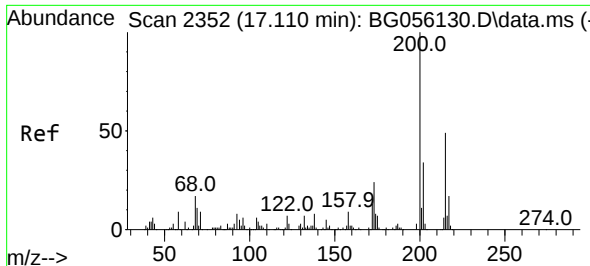


#68
Hexachlorobenzene
Concen: 54.270 ng
RT: 16.958 min Scan# 2326
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



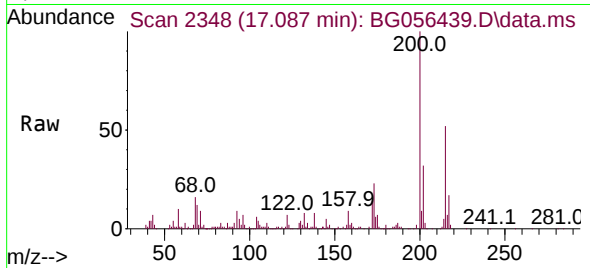
Tgt Ion:284 Resp: 160020
Ion Ratio Lower Upper
284 100
142 22.7 19.0 28.6
249 34.9 26.6 39.8





#69
 Atrazine
 Concen: 53.793 ng
 RT: 17.087 min Scan# 2348
 Delta R.T. 0.004 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

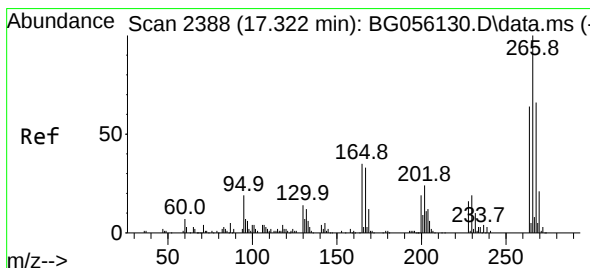
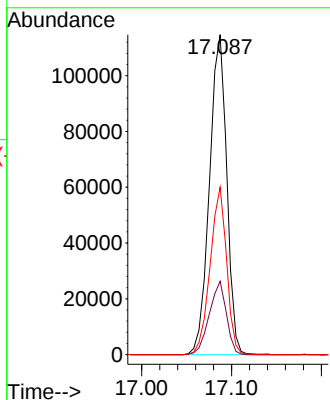
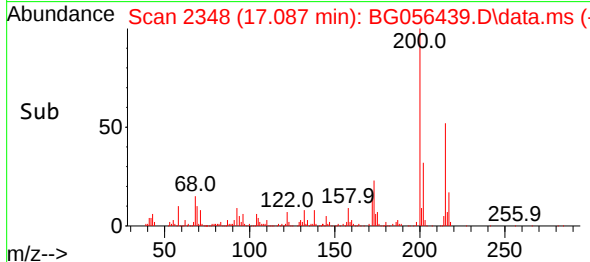
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS



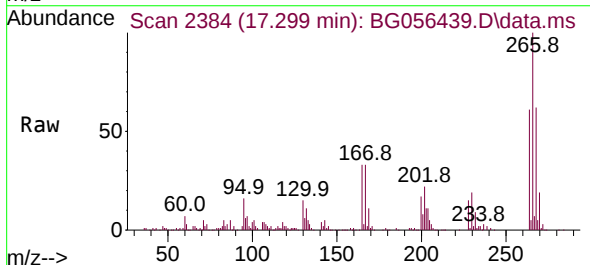
Tgt Ion:200 Resp: 153516
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.0 44.0
 215 52.3 29.1 69.1

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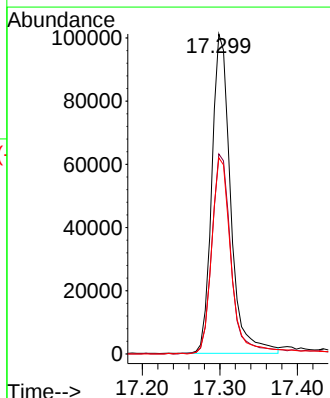
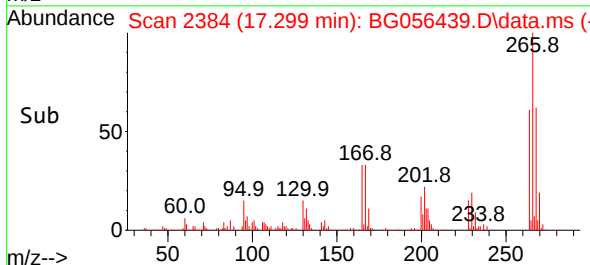
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

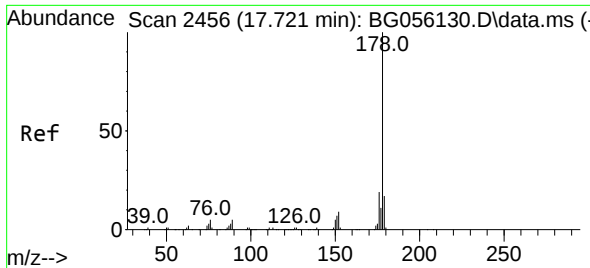


#70
 Pentachlorophenol
 Concen: 75.141 ng
 RT: 17.299 min Scan# 2384
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20



Tgt Ion:266 Resp: 170195
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.0 79.4
 264 61.3 51.4 77.2





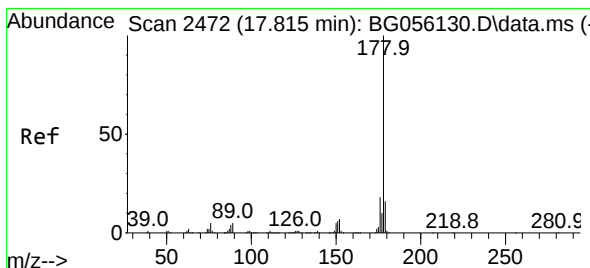
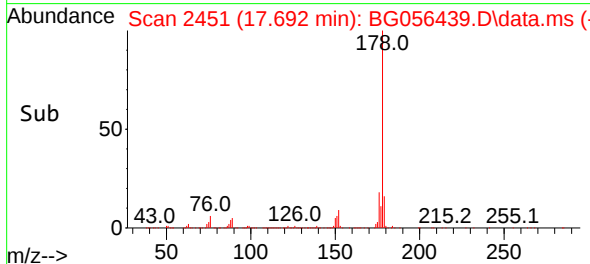
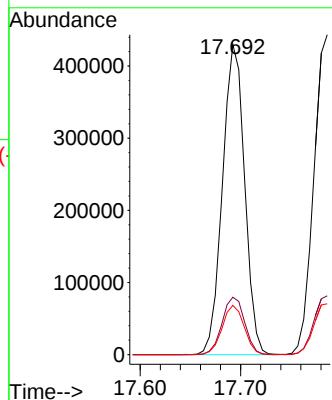
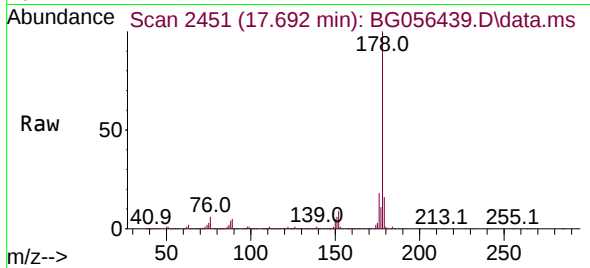
#71
Phenanthrene
Concen: 51.318 ng
RT: 17.692 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Tgt Ion:178 Resp: 660041
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.9 13.6 20.4

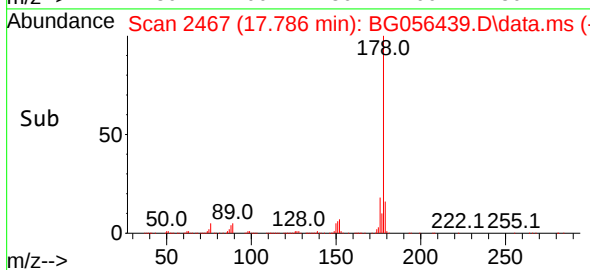
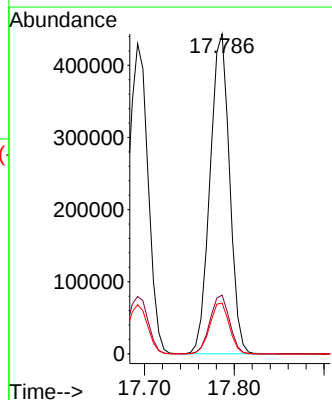
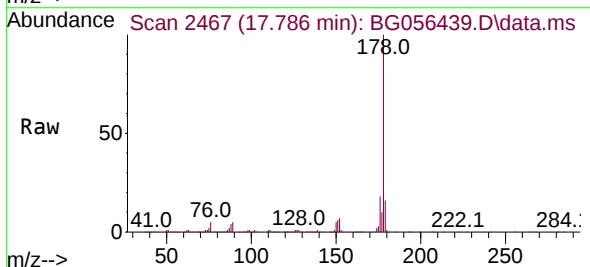
Manual Integrations
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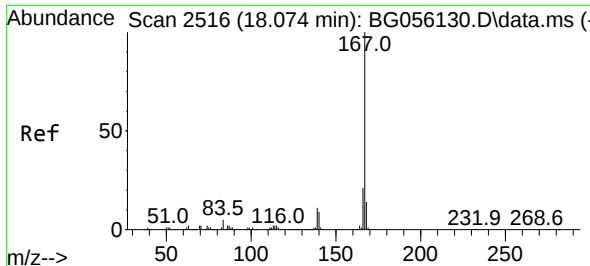
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#72
Anthracene
Concen: 50.762 ng
RT: 17.786 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

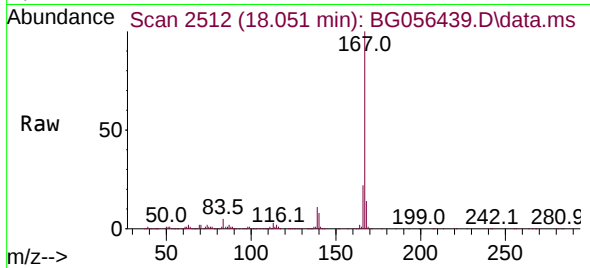
Tgt Ion:178 Resp: 673502
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 52.867 ng
 RT: 18.051 min Scan# 2516
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

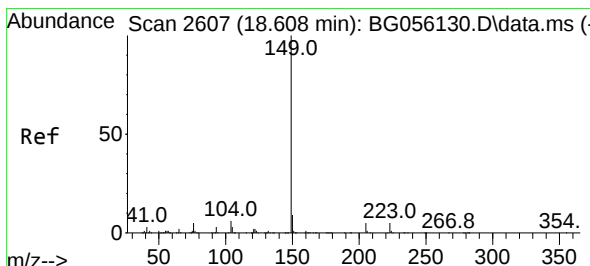
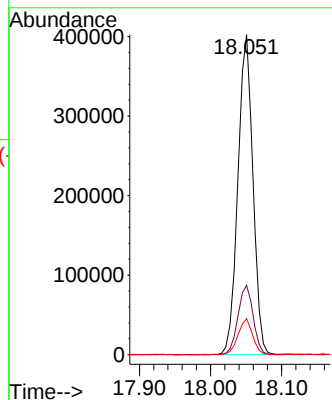
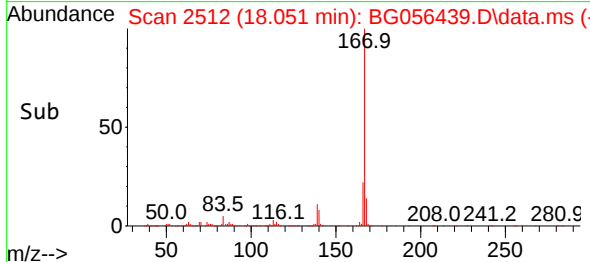
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MS



Tgt Ion:167 Resp: 589597
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 11.2 8.9 13.3

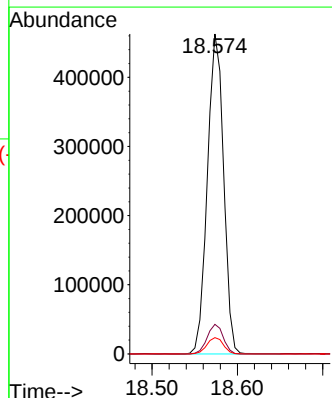
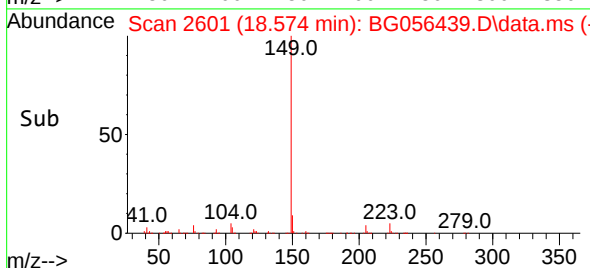
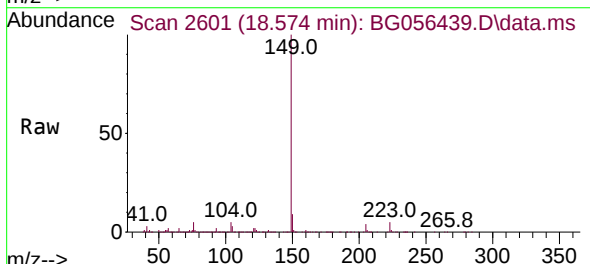
Manual Integrations
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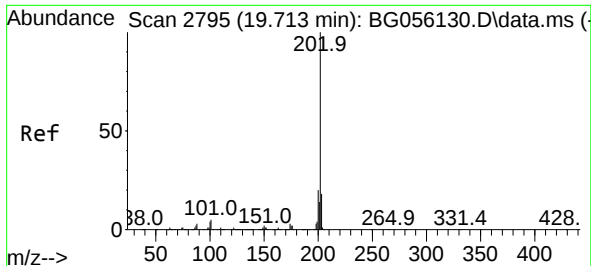
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#74
 Di-n-butylphthalate
 Concen: 54.945 ng
 RT: 18.574 min Scan# 2601
 Delta R.T. -0.002 min
 Lab File: BG056439.D
 Acq: 26 Jan 2023 12:20

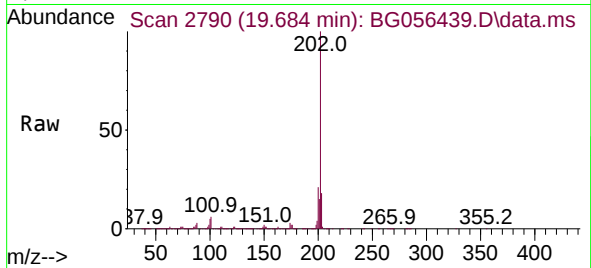
Tgt Ion:149 Resp: 610851
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 49.062 ng
RT: 19.684 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

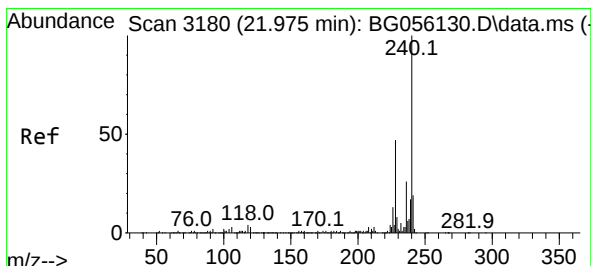
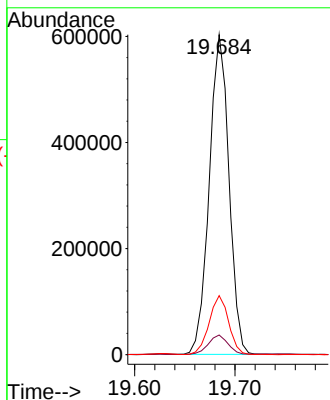
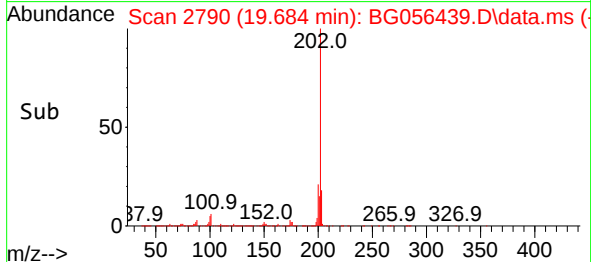
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:202 Resp: 823118
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.0
203 18.4 0.0 38.0

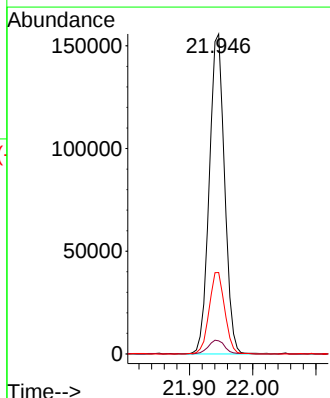
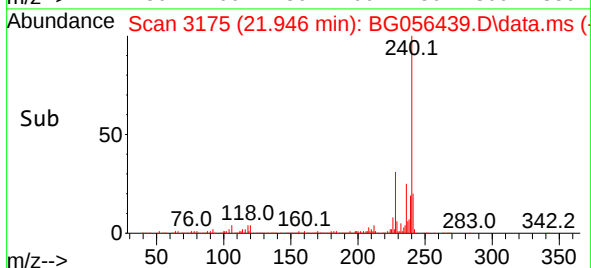
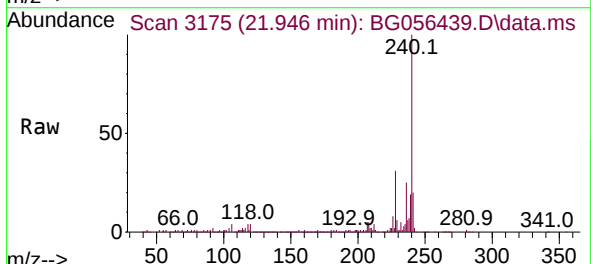
Manual Integrations
APPROVED

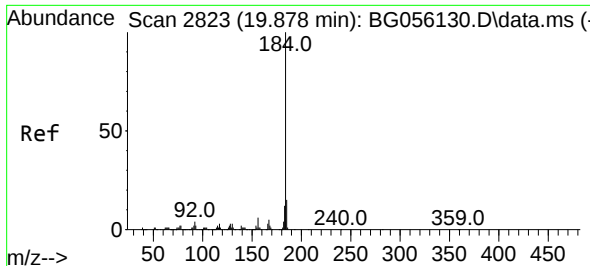
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3175
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

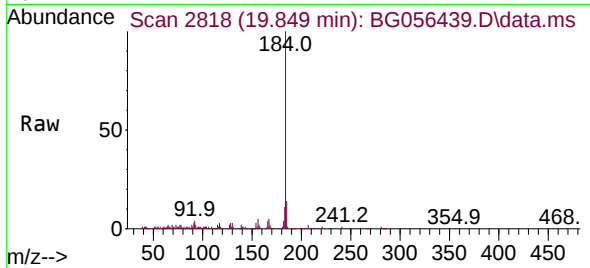
Tgt Ion:240 Resp: 261508
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.4 20.8 31.2





#77
Benzidine
Concen: 13.348 ng
RT: 19.849 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

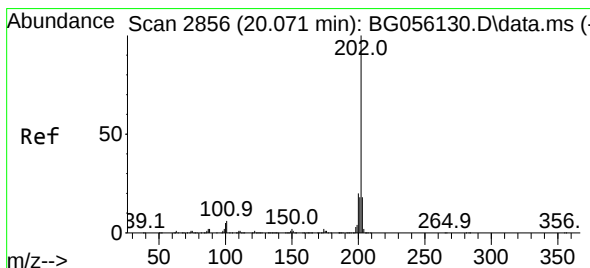
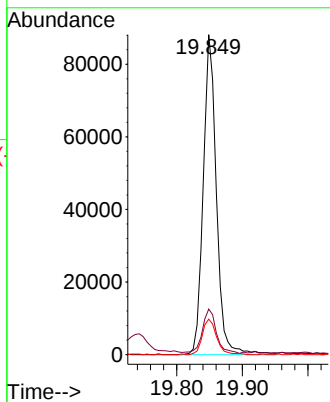
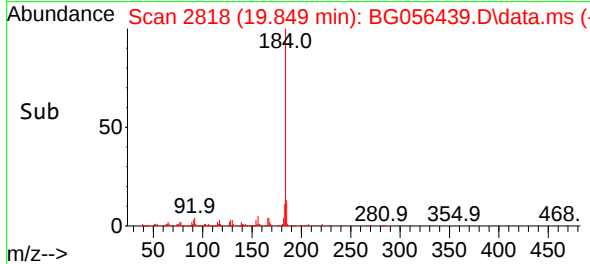
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:184 Resp: 122323
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 11.1 9.4 14.0

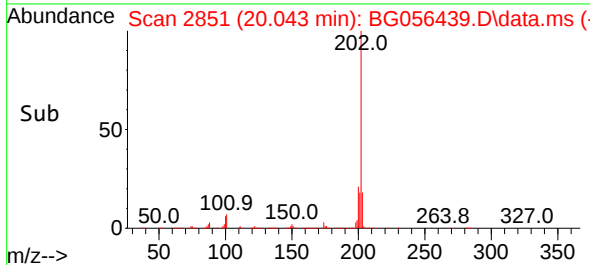
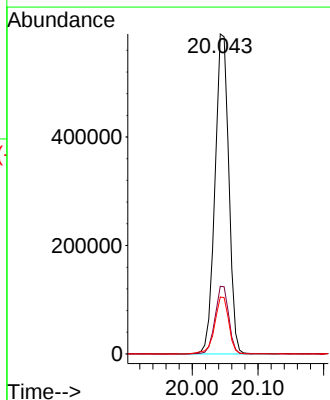
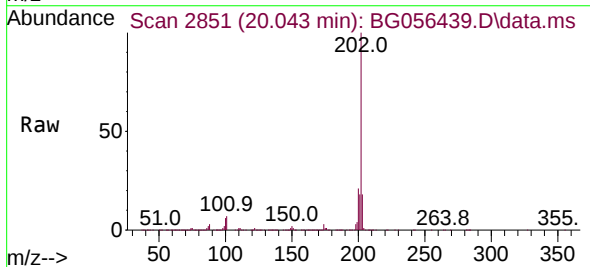
Manual Integrations
APPROVED

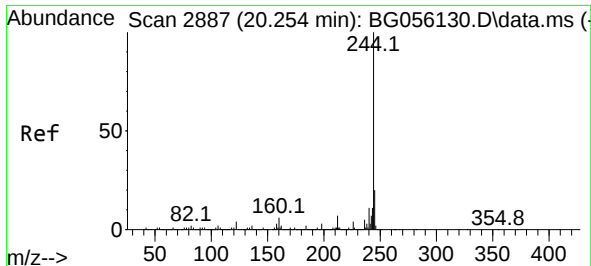
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#78
Pyrene
Concen: 46.911 ng
RT: 20.043 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

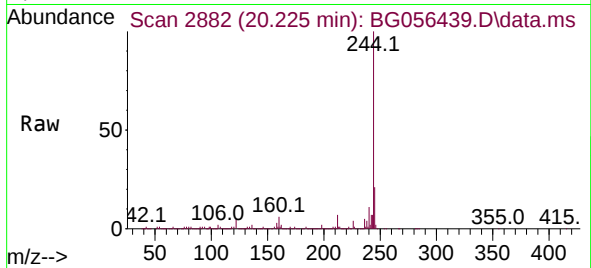
Tgt Ion:202 Resp: 864670
Ion Ratio Lower Upper
202 100
200 21.1 16.4 24.6
203 17.8 14.3 21.5





#79
Terphenyl-d14
Concen: 98.598 ng
RT: 20.225 min Scan# 2887
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

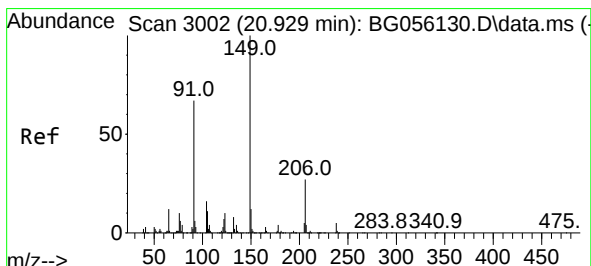
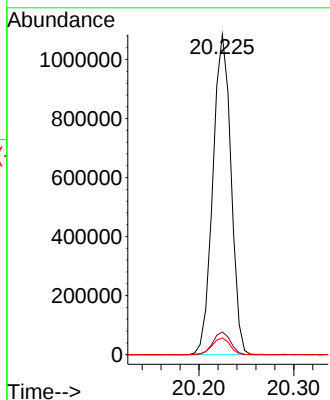
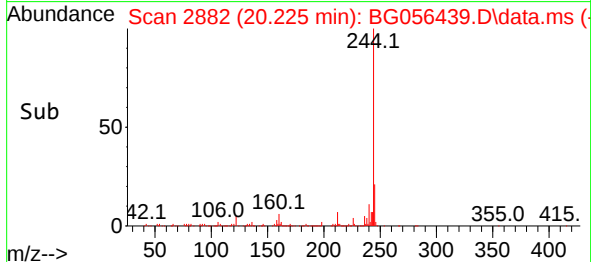
Instrument :
BNA_G
ClientSampleId :
TP-21MS



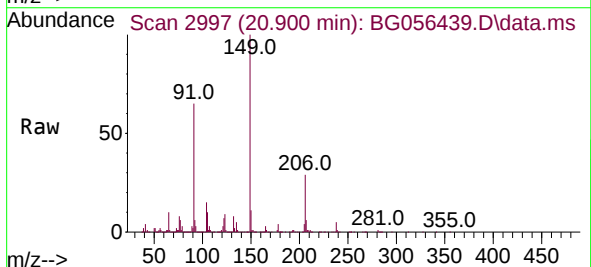
Tgt Ion:244 Resp: 1439613
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 5.2 3.5 5.3

Manual Integrations
APPROVED

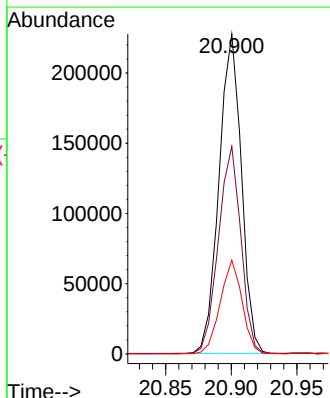
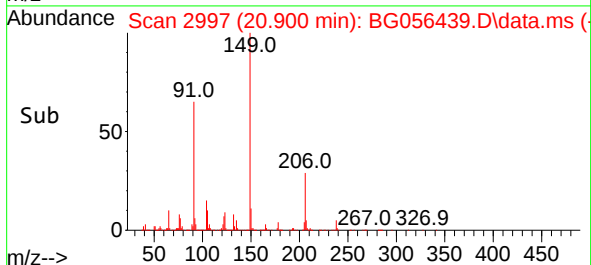
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

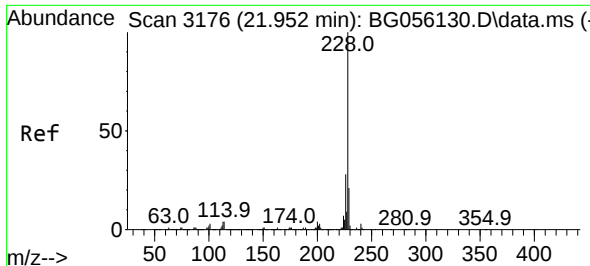


#80
Butylbenzylphthalate
Concen: 51.108 ng
RT: 20.900 min Scan# 2997
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



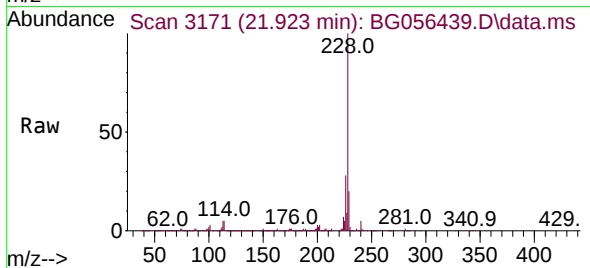
Tgt Ion:149 Resp: 270261
Ion Ratio Lower Upper
149 100
91 64.8 53.5 80.3
206 29.3 21.9 32.9





#81
Benzo(a)anthracene
Concen: 49.352 ng
RT: 21.923 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

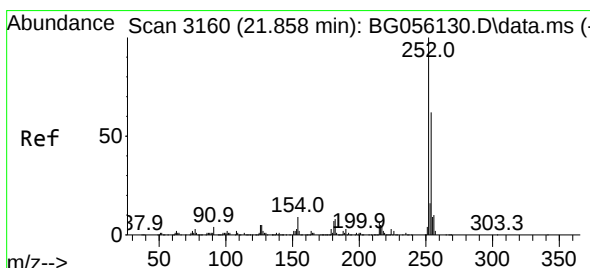
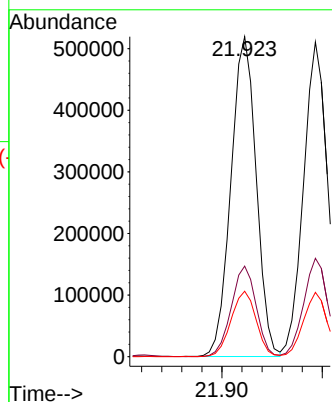
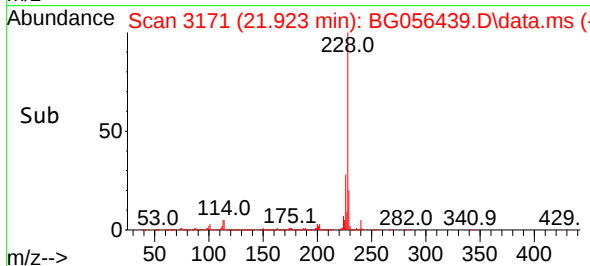
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:228 Resp: 906471
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.5 16.9 25.3

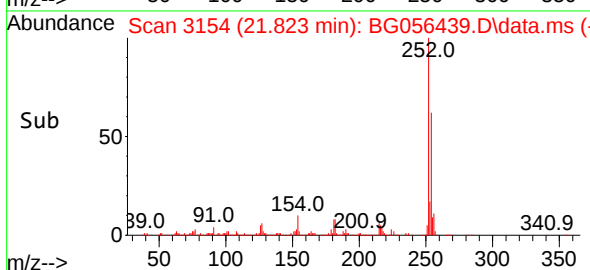
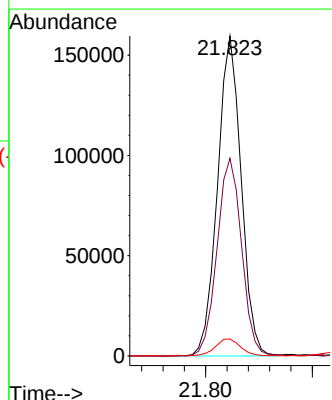
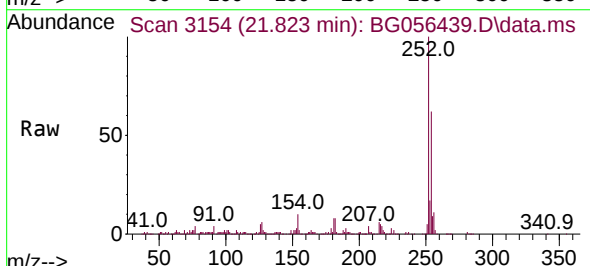
Manual Integrations
APPROVED

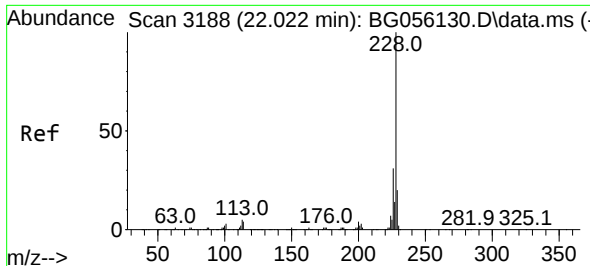
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.291 ng
RT: 21.823 min Scan# 3154
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:252 Resp: 246568
Ion Ratio Lower Upper
252 100
254 61.7 49.5 74.3
126 5.3 4.0 6.0





#83

Chrysene

Concen: 49.047 ng

RT: 21.993 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

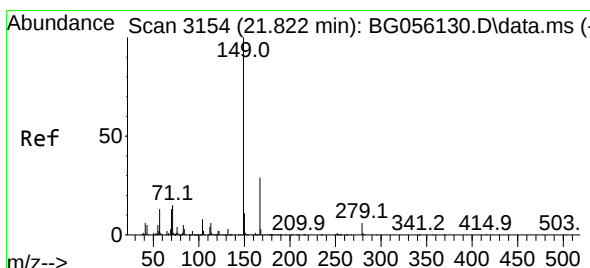
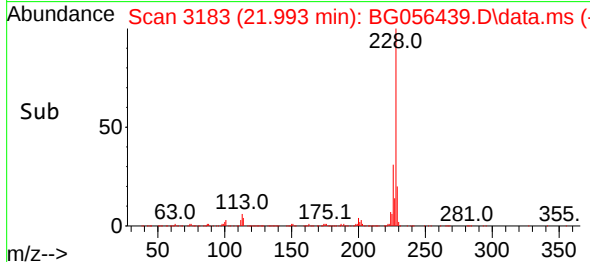
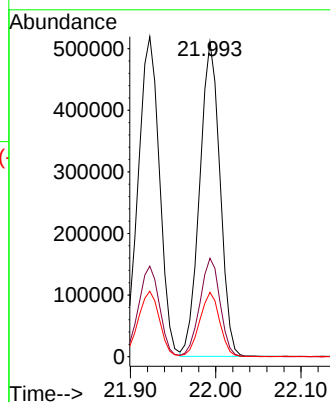
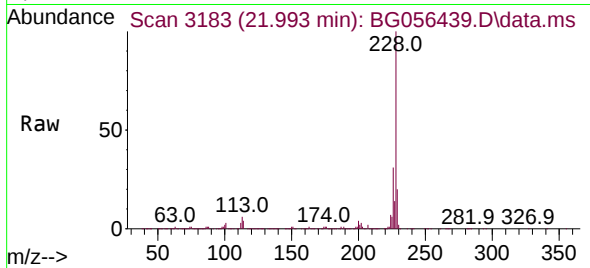
TP-21MS

Tgt Ion:228 Resp: 843850
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.6 36.8
 229 20.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.992 ng

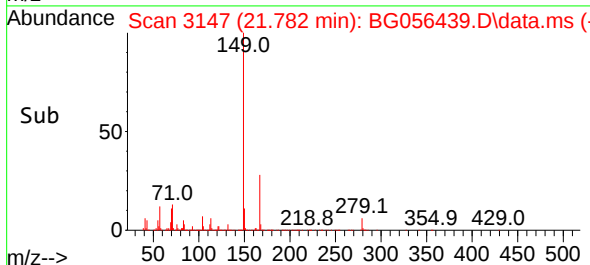
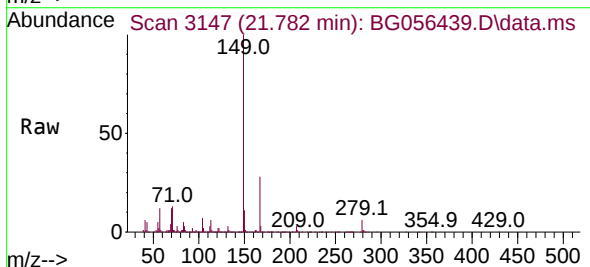
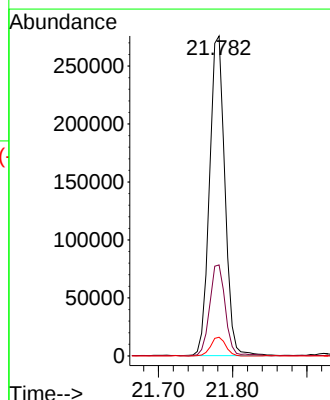
RT: 21.782 min Scan# 3147

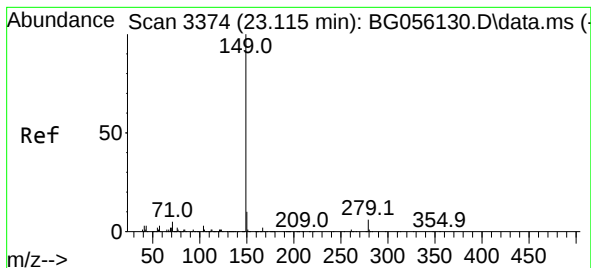
Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Tgt Ion:149 Resp: 396102
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.4 35.2
 279 5.8 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 52.843 ng

RT: 23.057 min Scan# 3374

Delta R.T. -0.002 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

Instrument :

BNA_G

ClientSampleId :

TP-21MS

Tgt Ion:149 Resp: 679640

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

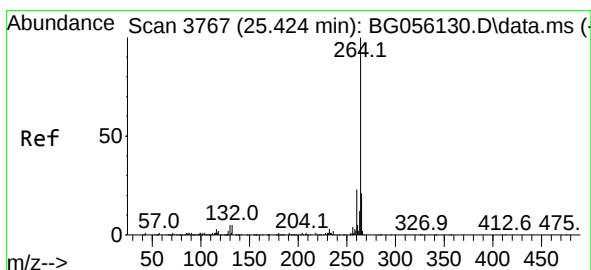
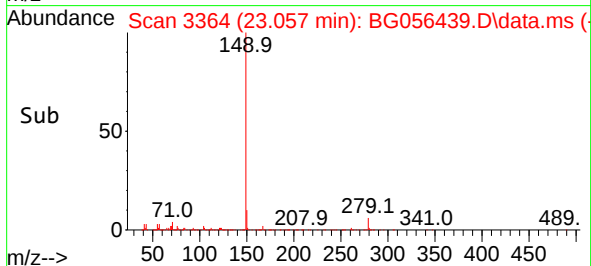
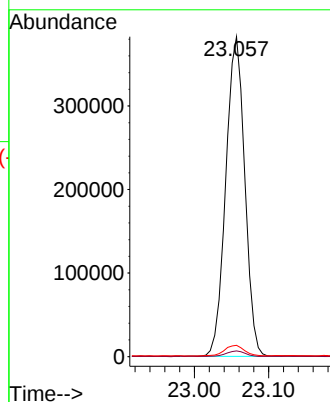
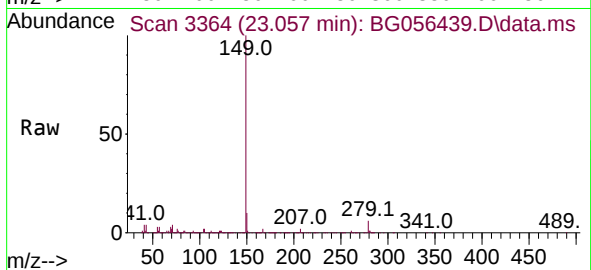
43 3.5 2.9 4.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.377 min Scan# 3759

Delta R.T. 0.004 min

Lab File: BG056439.D

Acq: 26 Jan 2023 12:20

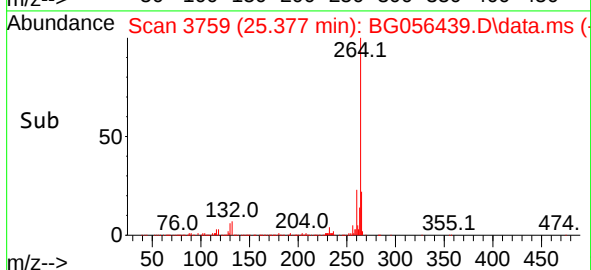
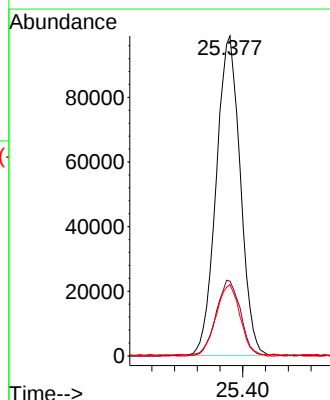
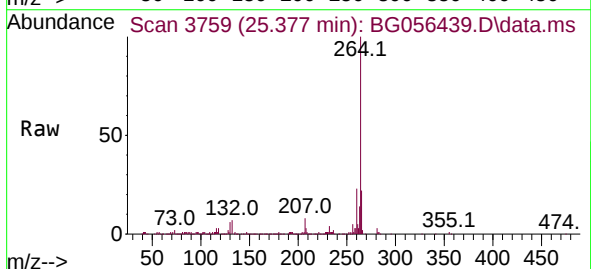
Tgt Ion:264 Resp: 290111

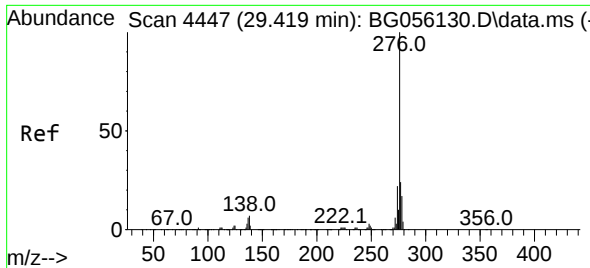
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

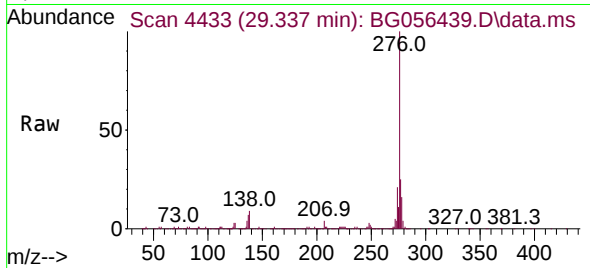
265 22.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.902 ng
RT: 29.337 min Scan# 4447
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

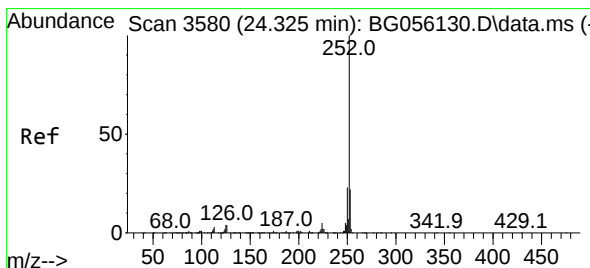
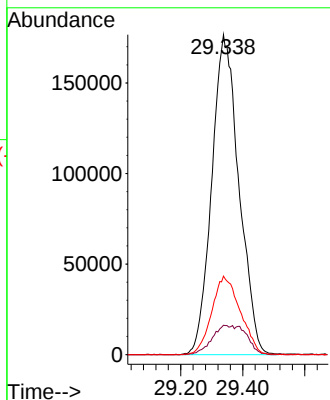
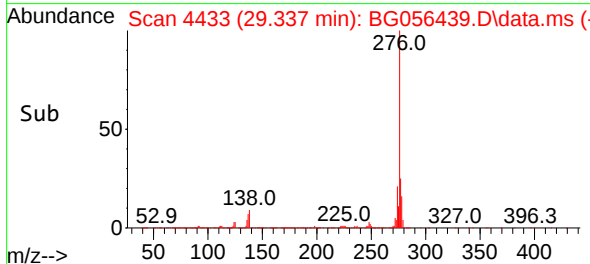
Instrument :
BNA_G
ClientSampleId :
TP-21MS



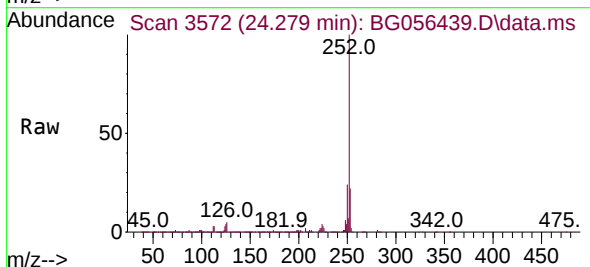
Tgt Ion:276 Resp: 107397
Ion Ratio Lower Upper
276 100
138 7.3 5.0 7.4
277 25.7 20.5 30.7

Manual Integrations
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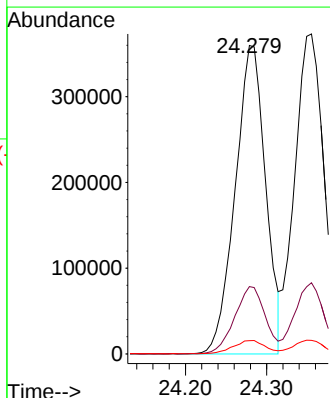
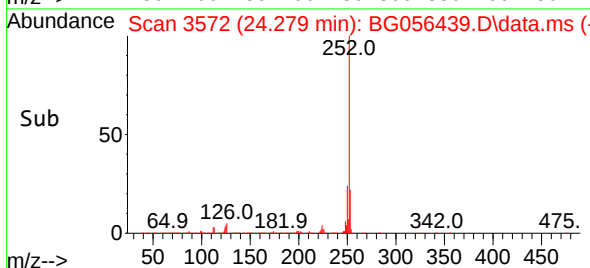
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

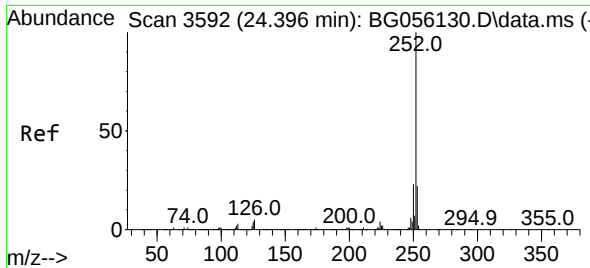


#88
Benzo(b)fluoranthene
Concen: 50.732 ng
RT: 24.279 min Scan# 3572
Delta R.T. -0.002 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



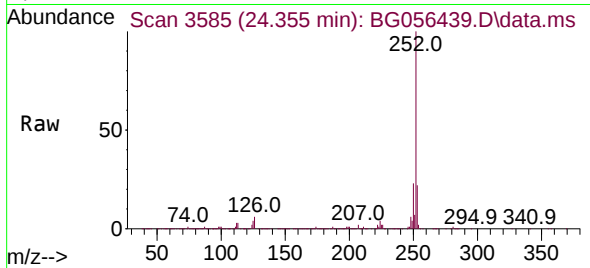
Tgt Ion:252 Resp: 935131
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.3 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 50.584 ng
RT: 24.355 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

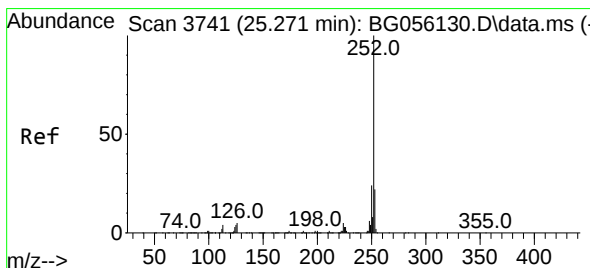
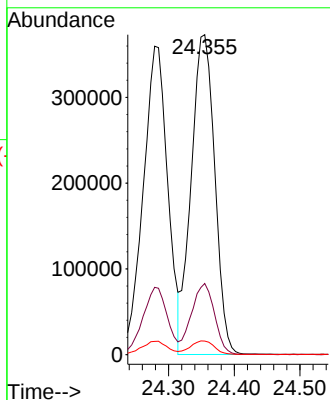
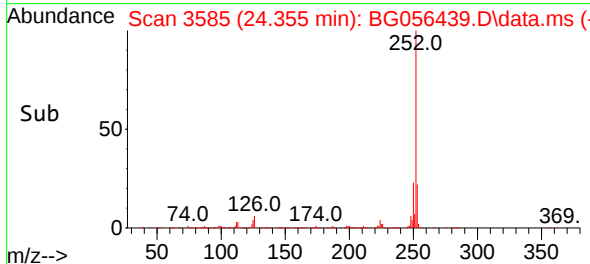
Instrument :
BNA_G
ClientSampleId :
TP-21MS



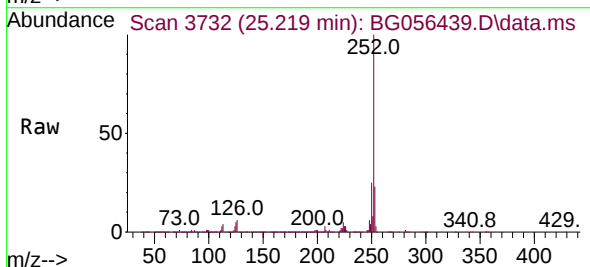
Tgt Ion:252 Resp: 928475
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 4.2 3.4 5.0

Manual Integrations
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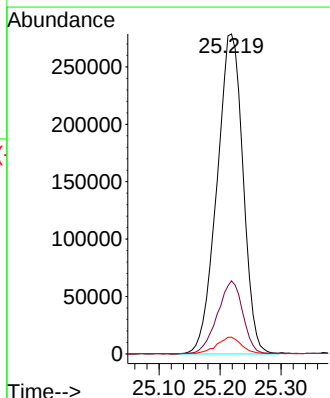
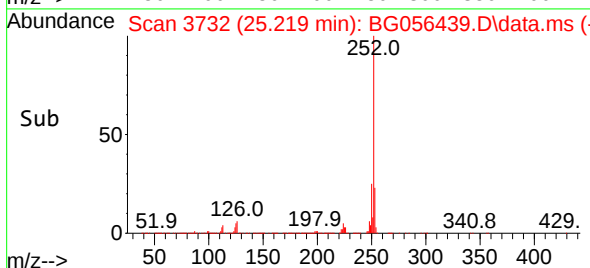
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

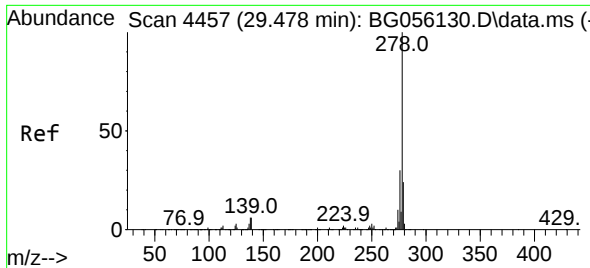


#90
Benzo(a)pyrene
Concen: 46.062 ng
RT: 25.219 min Scan# 3732
Delta R.T. 0.004 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20



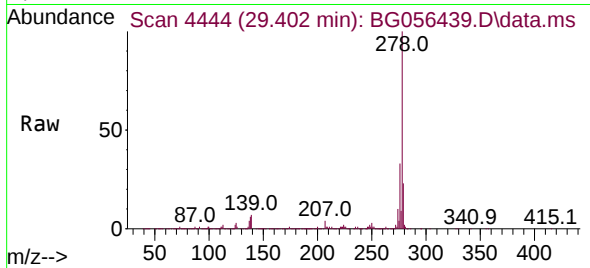
Tgt Ion:252 Resp: 828109
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 5.2 3.2 4.8





#91
Dibenzo(a,h)anthracene
Concen: 51.218 ng
RT: 29.402 min Scan# 4457
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

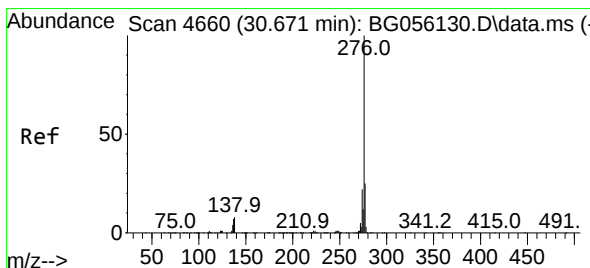
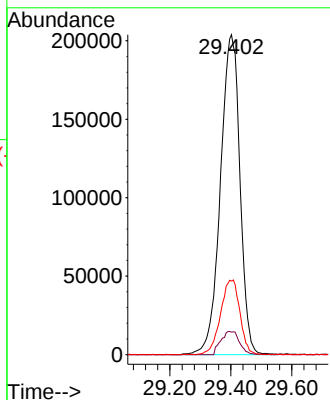
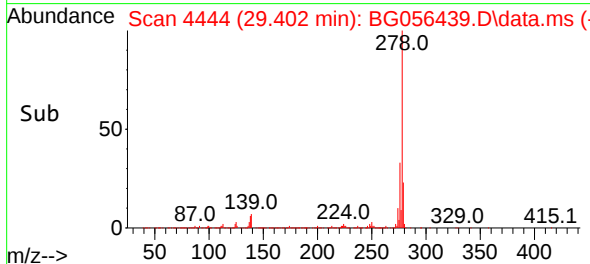
Instrument :
BNA_G
ClientSampleId :
TP-21MS



Tgt Ion:278 Resp: 906004
Ion Ratio Lower Upper
278 100
139 7.0 4.8 7.2
279 23.0 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#92
Benzo(g,h,i)perylene
Concen: 51.249 ng
RT: 30.583 min Scan# 4645
Delta R.T. 0.010 min
Lab File: BG056439.D
Acq: 26 Jan 2023 12:20

Tgt Ion:276 Resp: 879118
Ion Ratio Lower Upper
276 100
277 24.1 19.7 29.5
138 9.2 6.7 10.1

