

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056440.D
 Acq On : 26 Jan 2023 13:02
 Operator : CG/JU
 Sample : 01260-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD

Quant Time: Jan 27 00:57:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	34137	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	128894	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	105878	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	272296	20.000	ng	0.00
76) Chrysene-d12	21.946	240	262864	20.000	ng	# 0.00
86) Perylene-d12	25.377	264	285037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	285110	149.124	ng	0.00
7) Phenol-d6	7.445	99	371207	126.427	ng	0.00
23) Nitrobenzene-d5	9.472	82	218066	86.539	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	219453	163.658	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	729609	95.158	ng	0.00
79) Terphenyl-d14	20.224	244	1497222	102.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.632	88	32471	37.183	ng	# 72
3) Pyridine	4.061	79	44712	16.810	ng	# 88
4) n-Nitrosodimethylamine	3.955	42	21003	38.819	ng	89
6) Aniline	7.609	93	62772	16.303	ng	99
8) 2-Chlorophenol	7.856	128	106061	55.747	ng	93
9) Benzaldehyde	7.421	77	46128	26.422	ng	94
10) Phenol	7.468	94	130501	43.827	ng	96
11) bis(2-Chloroethyl)ether	7.698	93	91652	45.420	ng	99
12) 1,3-Dichlorobenzene	8.185	146	115043	49.684	ng	# 91
13) 1,4-Dichlorobenzene	8.332	146	114938	49.431	ng	96
14) 1,2-Dichlorobenzene	8.655	146	112161	49.992	ng	97
15) Benzyl Alcohol	8.532	79	92404	43.242	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.814	45	20088	56.334	ng	# 81
17) 2-Methylphenol	8.737	107	102473	46.900	ng	96
18) Hexachloroethane	9.390	117	34048	48.201	ng	94
19) n-Nitroso-di-n-propyla...	9.096	70	72910	40.836	ng	98
20) 3+4-Methylphenols	9.061	107	141719	46.134	ng	94
22) Acetophenone	9.125	105	167502	45.960	ng	# 95
24) Nitrobenzene	9.513	77	105873	42.397	ng	90
25) Isophorone	10.036	82	225075	42.453	ng	95
26) 2-Nitrophenol	10.230	139	66437	51.998	ng	94
27) 2,4-Dimethylphenol	10.277	122	119243	51.169	ng	95
28) bis(2-Chloroethoxy)met...	10.506	93	128281	46.553	ng	99
29) 2,4-Dichlorophenol	10.770	162	137314	53.297	ng	98
30) 1,2,4-Trichlorobenzene	10.982	180	133679	45.723	ng	99
31) Naphthalene	11.176	128	325423	47.973	ng	99
32) Benzoic acid	10.377	122	11578m	6.696	ng	
33) 4-Chloroaniline	11.282	127	53772	16.603	ng	96
34) Hexachlorobutadiene	11.452	225	93703	44.562	ng	98
35) Caprolactam	12.051	113	30620m	35.104	ng	
36) 4-Chloro-3-methylphenol	12.380	107	129988	49.722	ng	98
37) 2-Methylnaphthalene	12.762	142	259759	45.351	ng	97
38) 1-Methylnaphthalene	12.980	142	241827	45.466	ng	98
40) 1,2,4,5-Tetrachloroben...	13.121	216	187777	47.320	ng	99
41) Hexachlorocyclopentadiene	13.097	237	184071	81.360	ng	95
43) 2,4,6-Trichlorophenol	13.356	196	135841	51.769	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.438	196	146998	47.357	ng	98
46) 1,1'-Biphenyl	13.749	154	379113	49.998	ng	97
47) 2-Chloronaphthalene	13.802	162	303286	50.674	ng	99
48) 2-Nitroaniline	13.996	65	64666	50.710	ng	92
49) Acenaphthylene	14.636	152	480953	49.381	ng	99
50) Dimethylphthalate	14.354	163	430149	50.327	ng	99
51) 2,6-Dinitrotoluene	14.478	165	93277	51.216	ng	93
52) Acenaphthene	14.977	154	307320m	48.515	ng	
53) 3-Nitroaniline	14.813	138	64735	37.348	ng	88
54) 2,4-Dinitrophenol	15.024	184	39190	30.121	ng	95
55) Dibenzofuran	15.306	168	509941	48.646	ng	96
56) 4-Nitrophenol	15.118	139	127227	95.440	ng	88
57) 2,4-Dinitrotoluene	15.265	165	133278	52.327	ng	88
58) Fluorene	15.953	166	417576	49.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.530	232	142383m	48.854	ng	
60) Diethylphthalate	15.700	149	395610	49.355	ng	99
61) 4-Chlorophenyl-phenyle...	15.935	204	248837	47.292	ng	98
62) 4-Nitroaniline	15.970	138	88480	49.835	ng	95
63) Azobenzene	16.229	77	285460	46.150	ng	95
65) 4,6-Dinitro-2-methylph...	16.029	198	53136	28.964	ng	95
66) n-Nitrosodiphenylamine	16.146	169	383953	50.821	ng	98
67) 4-Bromophenyl-phenylether	16.828	248	173150	49.936	ng	96
68) Hexachlorobenzene	16.957	284	179108	55.365	ng	97
69) Atrazine	17.081	200	165218	52.767	ng	98
70) Pentachlorophenol	17.298	266	181278	72.948	ng	96
71) Phenanthrene	17.692	178	717271	50.830	ng	99
72) Anthracene	17.786	178	736353	50.585	ng	100
73) Carbazole	18.050	167	638403	52.175	ng	98
74) Di-n-butylphthalate	18.573	149	666145	54.614	ng	99
75) Fluoranthene	19.683	202	892329	48.478	ng	99
77) Benzidine	19.848	184	145718	15.818	ng	98
78) Pyrene	20.048	202	902811	48.727	ng	99
80) Butylbenzylphthalate	20.900	149	278842	52.459	ng	97
81) Benzo(a)anthracene	21.922	228	901964	48.853	ng	99
82) 3,3'-Dichlorobenzidine	21.822	252	257386	38.727	ng	96
83) Chrysene	21.993	228	845142	48.869	ng	100
84) Bis(2-ethylhexyl)phtha...	21.781	149	395262	51.614	ng	99
85) Di-n-octyl phthalate	23.056	149	670072	51.831	ng	100
87) Indeno(1,2,3-cd)pyrene	29.337	276	1055994	50.941	ng	# 96
88) Benzo(b)fluoranthene	24.278	252	930672m	51.389	ng	
89) Benzo(k)fluoranthene	24.354	252	922491	51.153	ng	100
90) Benzo(a)pyrene	25.218	252	824187	46.660	ng	# 99
91) Dibenzo(a,h)anthracene	29.401	278	896754	51.598	ng	98
92) Benzo(g,h,i)perylene	30.582	276	863944	51.261	ng	98

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

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QLast Update : Wed Jan 25 04:54:56 2023

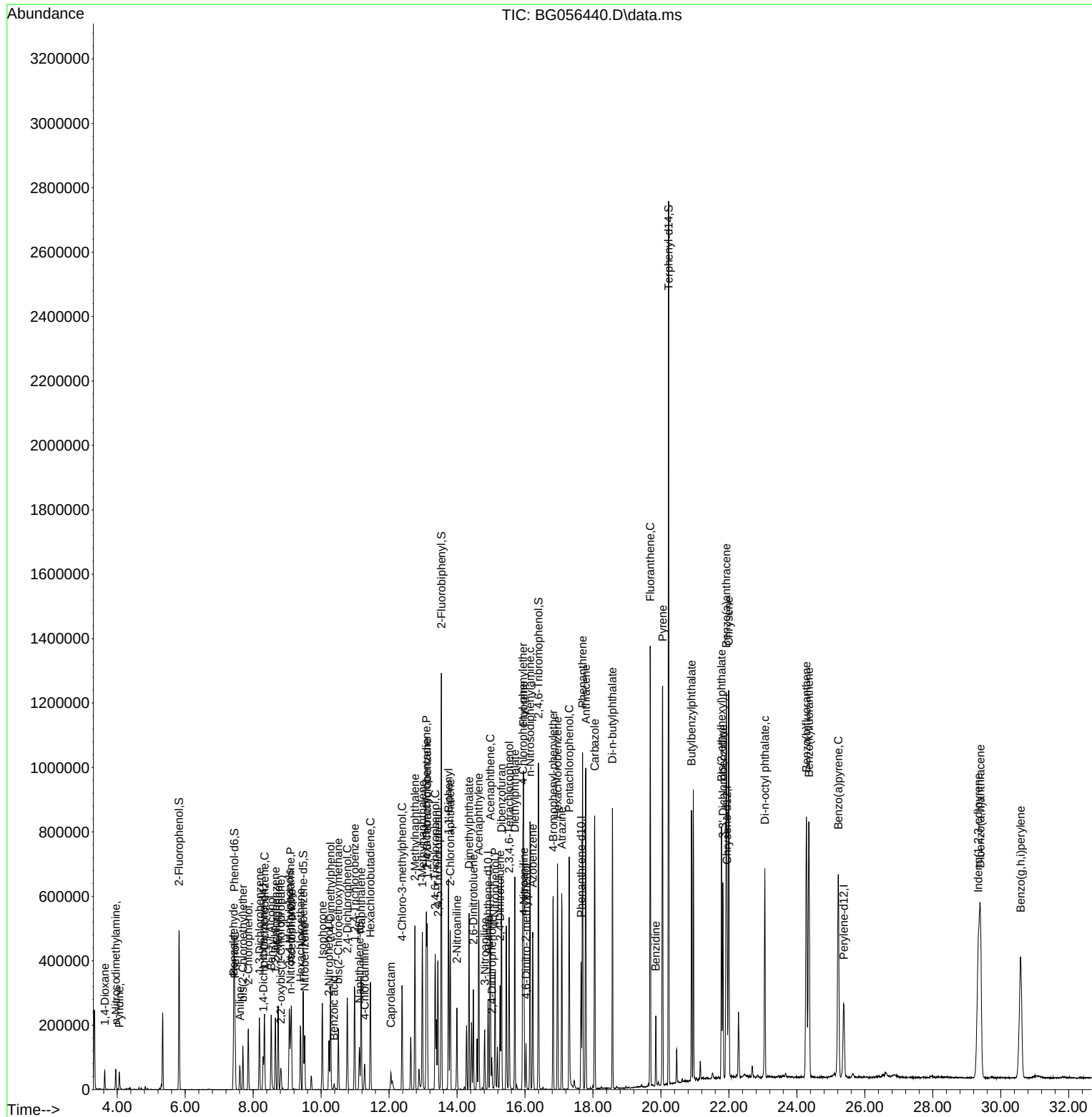
Response via : Initial Calibration

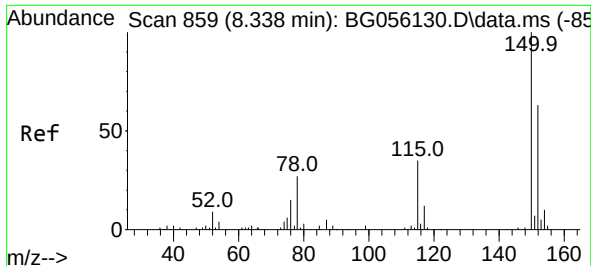
Manual Integrations

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Reviewed By : Christian Giraldo 01/27/2023

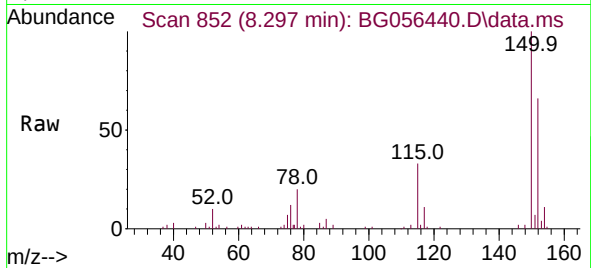
Supervised By : Jagrut Upadhyay 01/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.297 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

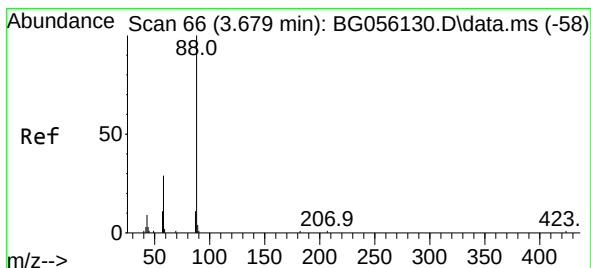
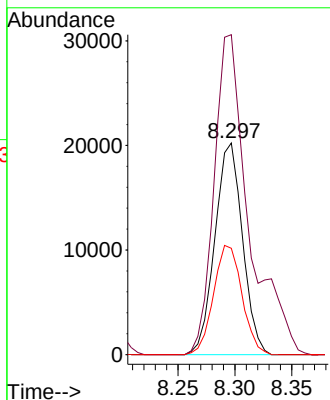
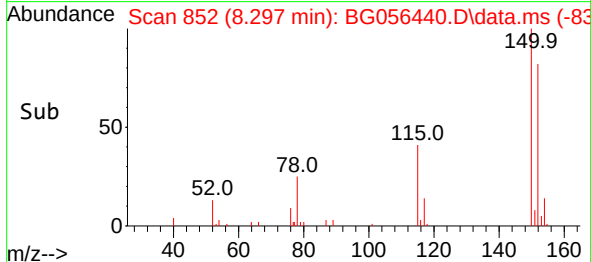
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:152 Resp: 3413
Ion Ratio Lower Upper
152 100
150 151.2 127.9 191.9
115 50.2 44.2 66.2

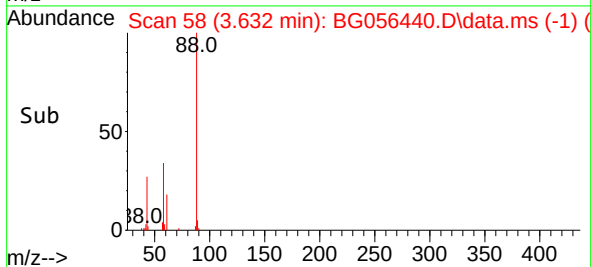
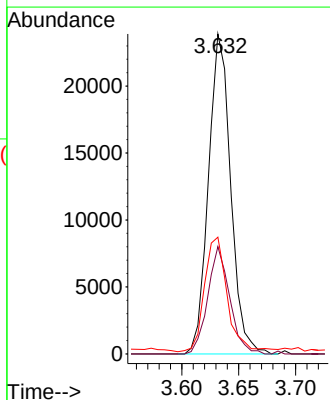
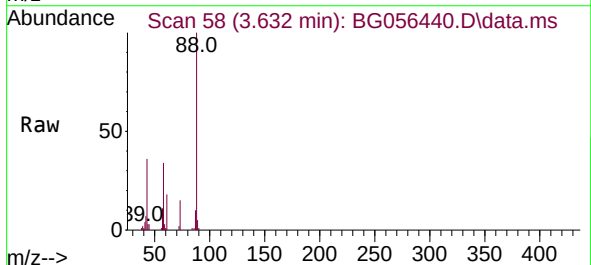
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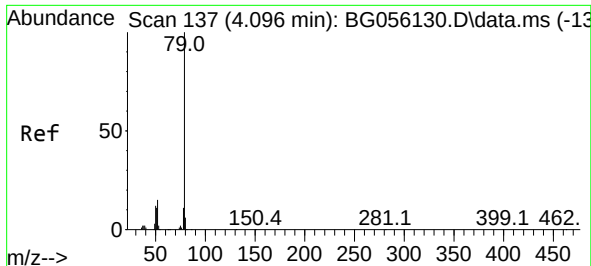
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#2
1,4-Dioxane
Concen: 37.183 ng
RT: 3.632 min Scan# 58
Delta R.T. 0.015 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

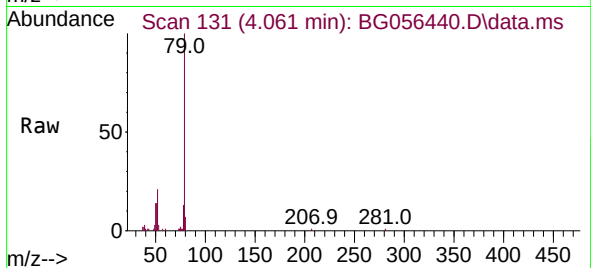
Tgt Ion: 88 Resp: 32471
Ion Ratio Lower Upper
88 100
58 33.0 21.4 32.0#
43 36.7 7.1 10.7#





#3
 Pyridine
 Concen: 16.810 ng
 RT: 4.061 min Scan# 137
 Delta R.T. 0.021 min
 Lab File: BG056440.D
 Acq: 26 Jan 2023 13:02

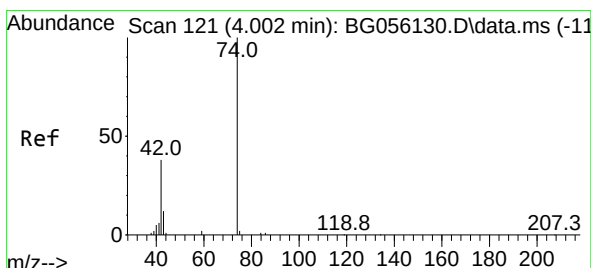
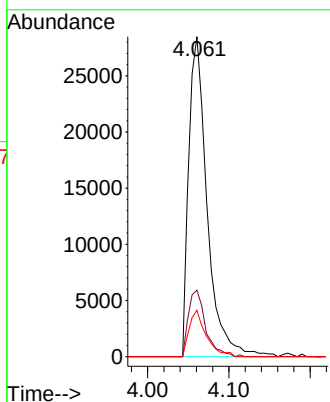
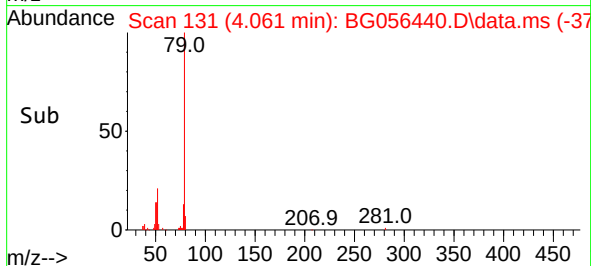
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD



Tgt Ion: 79 Resp: 44712
 Ion Ratio Lower Upper
 79 100
 52 20.8 11.8 17.6
 51 14.5 8.8 13.2

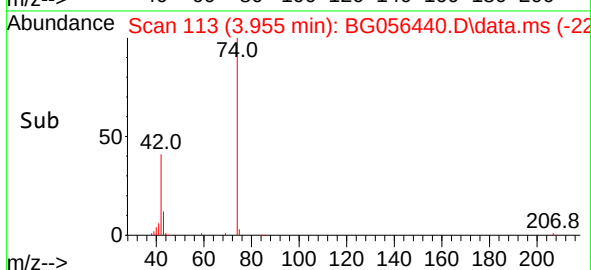
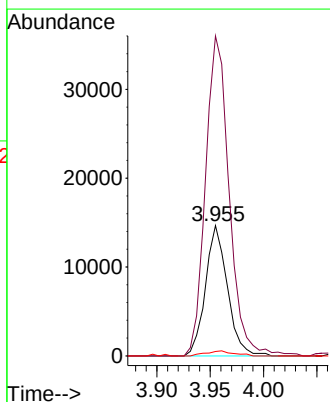
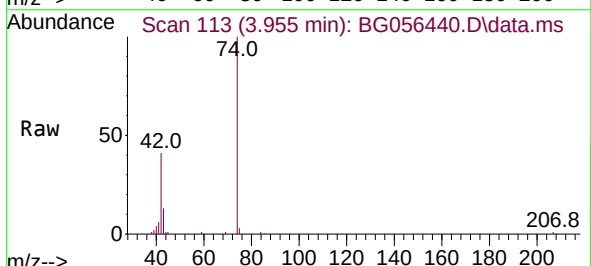
Manual Integrations
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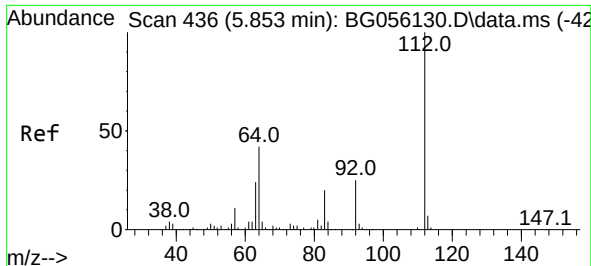
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#4
 n-Nitrosodimethylamine
 Concen: 38.819 ng
 RT: 3.955 min Scan# 113
 Delta R.T. 0.004 min
 Lab File: BG056440.D
 Acq: 26 Jan 2023 13:02

Tgt Ion: 42 Resp: 21003
 Ion Ratio Lower Upper
 42 100
 74 245.5 212.6 319.0
 44 3.4 2.6 3.8





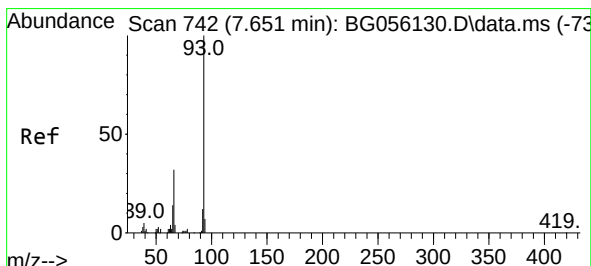
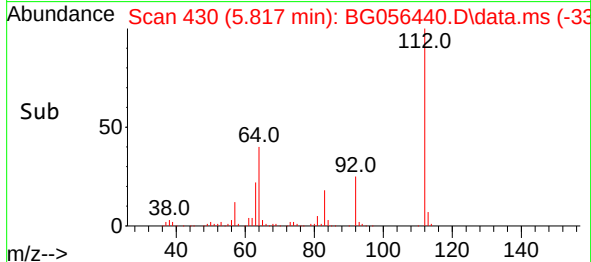
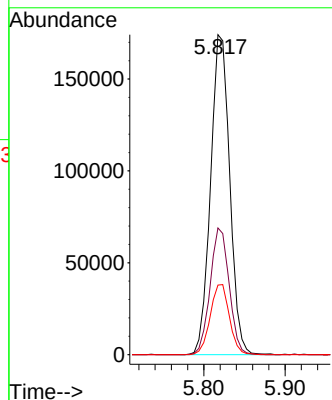
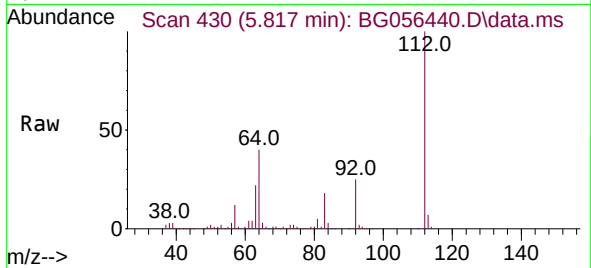
#5
2-Fluorophenol
Concen: 149.124 ng
RT: 5.817 min Scan# 436
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 285116
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 21.7 19.0 28.4

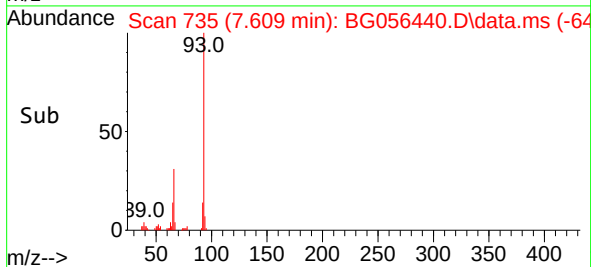
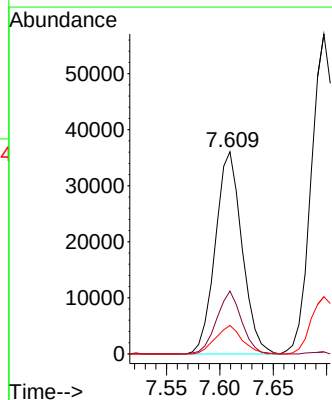
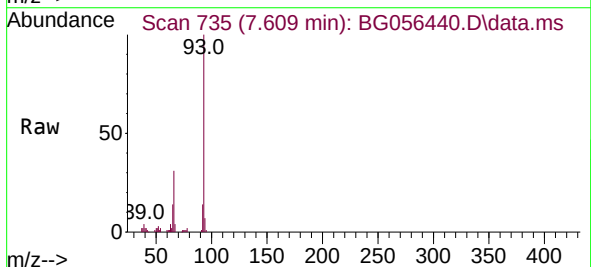
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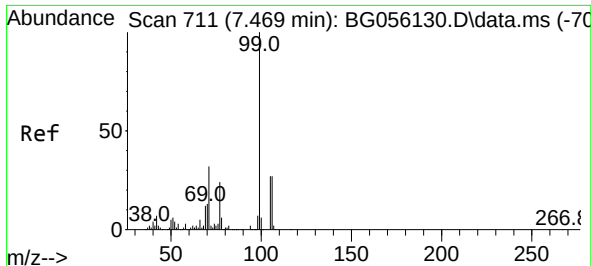
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#6
Aniline
Concen: 16.303 ng
RT: 7.609 min Scan# 735
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

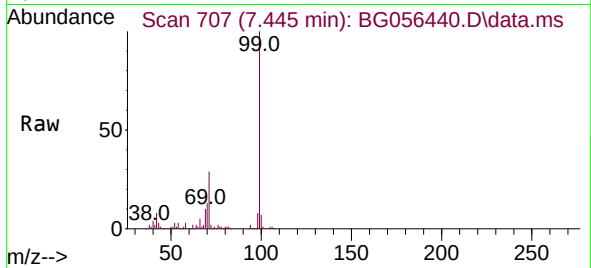
Tgt Ion: 93 Resp: 62772
Ion Ratio Lower Upper
93 100
66 31.0 25.4 38.2
65 14.1 11.4 17.2





#7
Phenol-d6
Concen: 126.427 ng
RT: 7.445 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

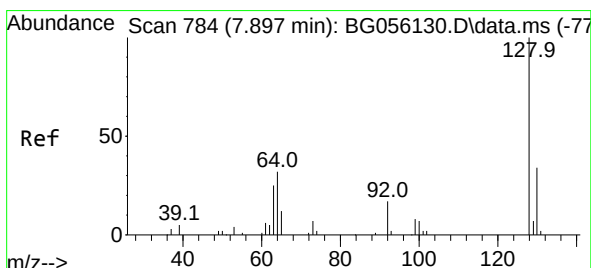
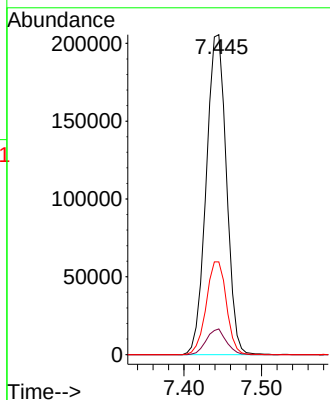
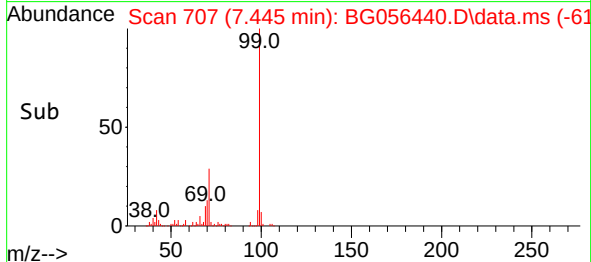
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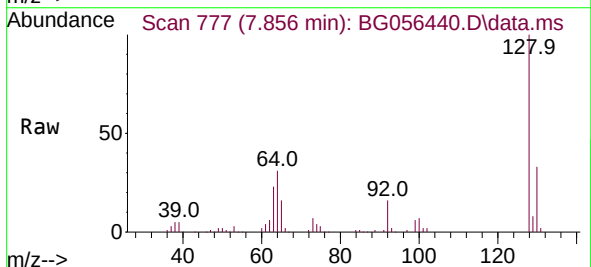
Tgt Ion: 99 Resp: 371207
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 29.0 25.4 38.2

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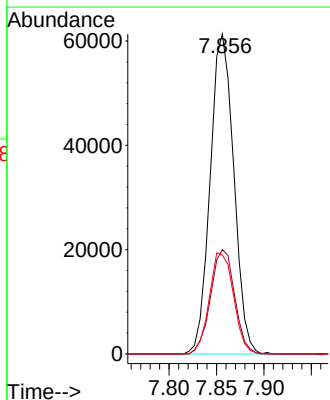
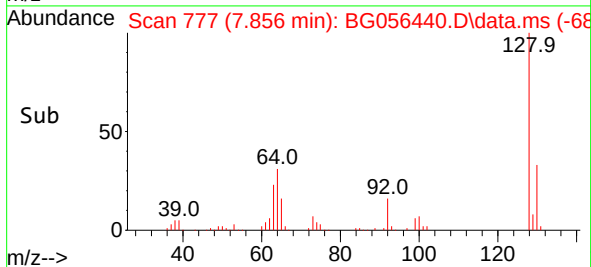
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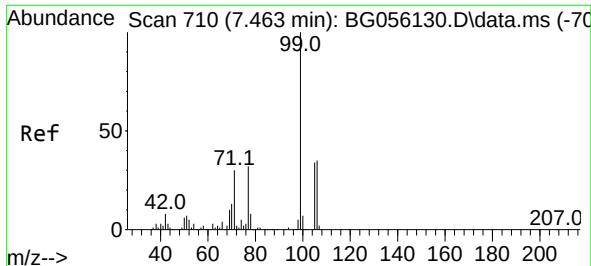


#8
2-Chlorophenol
Concen: 55.747 ng
RT: 7.856 min Scan# 777
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



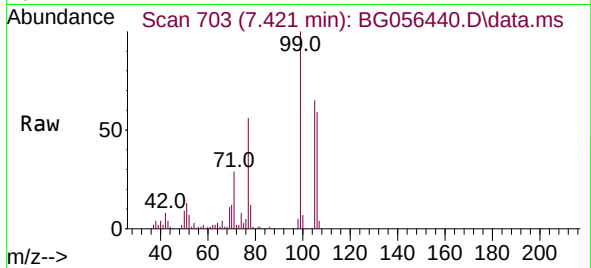
Tgt Ion:128 Resp: 106061
Ion Ratio Lower Upper
128 100
130 32.6 13.5 53.5
64 30.9 18.0 58.0





#9
Benzaldehyde
Concen: 26.422 ng
RT: 7.421 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG056440.D
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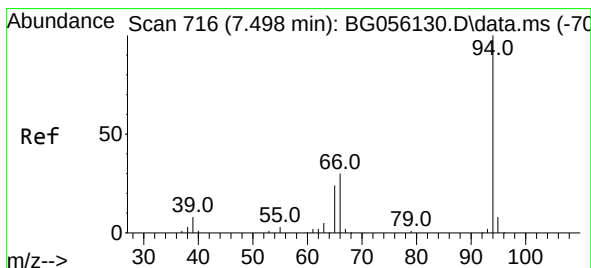
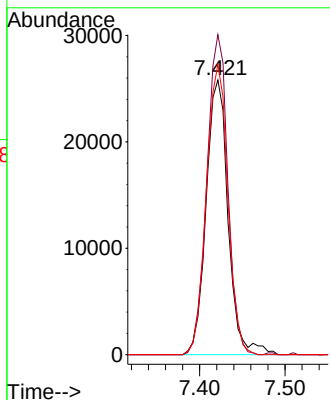
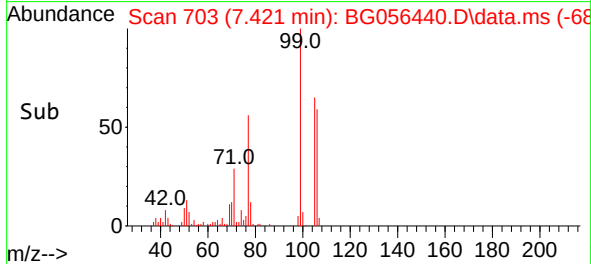
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Tgt Ion: 77 Resp: 46128
Ion Ratio Lower Upper
77 100
105 116.5 86.8 126.8
106 105.7 89.3 129.3

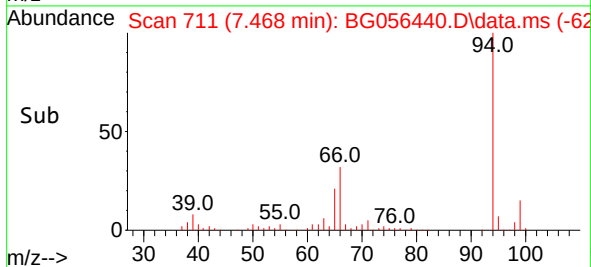
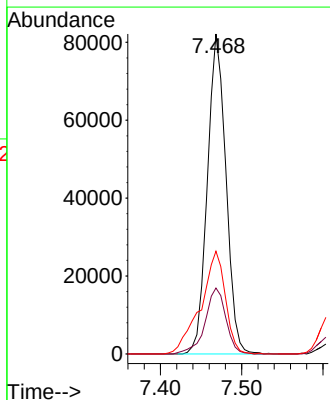
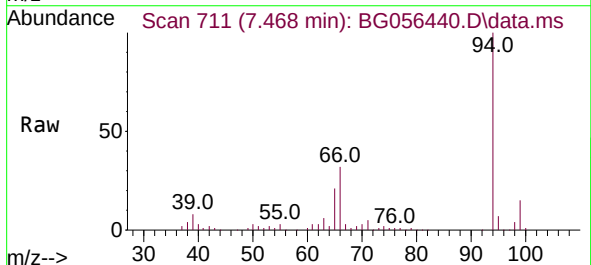
Manual Integrations
APPROVED

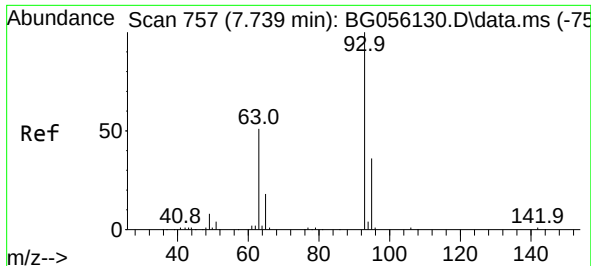
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#10
Phenol
Concen: 43.827 ng
RT: 7.468 min Scan# 711
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion: 94 Resp: 130501
Ion Ratio Lower Upper
94 100
65 20.6 4.3 44.3
66 32.1 13.2 53.2





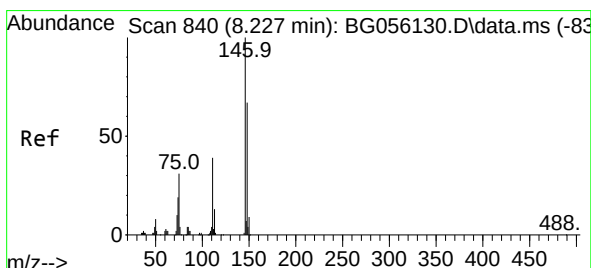
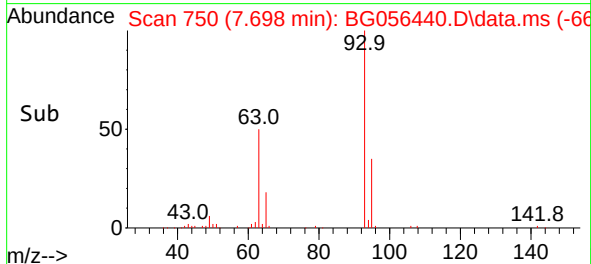
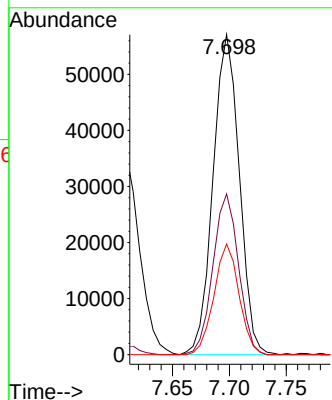
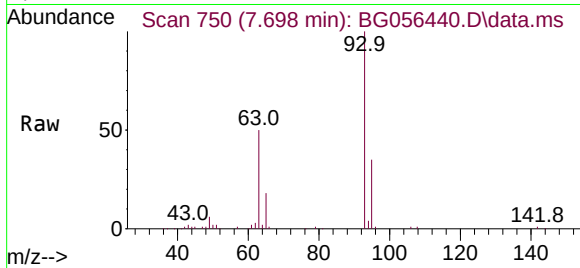
#11
bis(2-Chloroethyl)ether
Concen: 45.420 ng
RT: 7.698 min Scan# 757
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion: 93 Resp: 91652
Ion Ratio Lower Upper
93 100
63 50.2 30.5 70.5
95 34.6 15.9 55.9

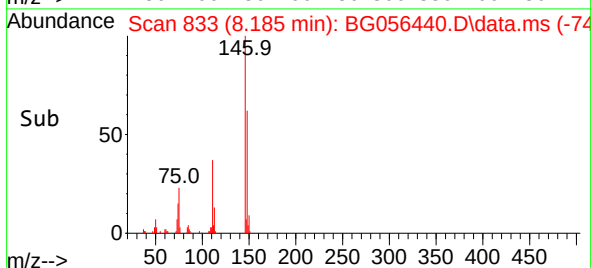
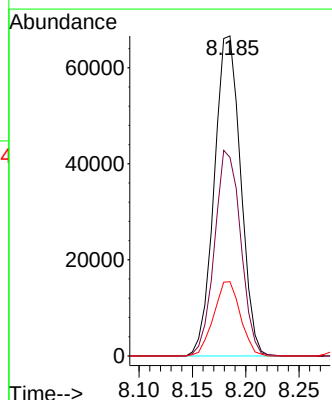
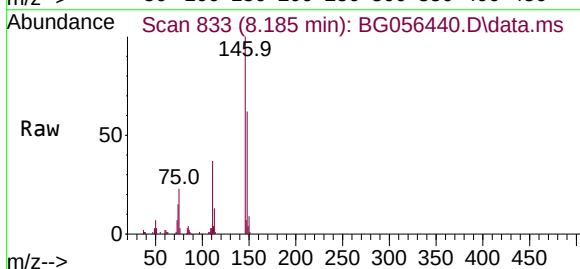
Manual Integrations
APPROVED

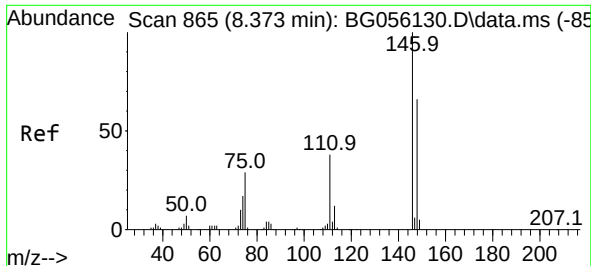
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#12
1,3-Dichlorobenzene
Concen: 49.684 ng
RT: 8.185 min Scan# 833
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

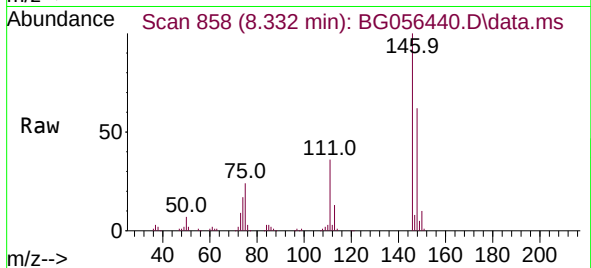
Tgt Ion:146 Resp: 115043
Ion Ratio Lower Upper
146 100
148 62.0 53.5 80.3
75 23.2 24.8 37.2#





#13
1,4-Dichlorobenzene
Concen: 49.431 ng
RT: 8.332 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

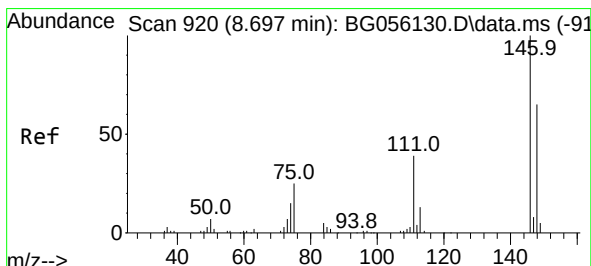
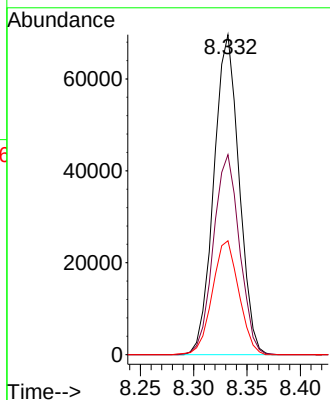
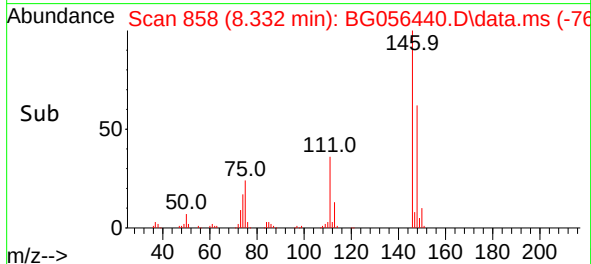
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



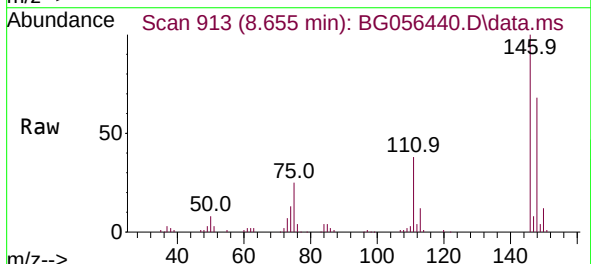
Tgt Ion:146 Resp: 114938
Ion Ratio Lower Upper
146 100
148 62.5 52.8 79.2
111 35.6 30.5 45.7

Manual Integrations
APPROVED

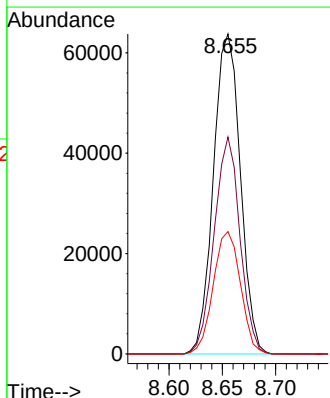
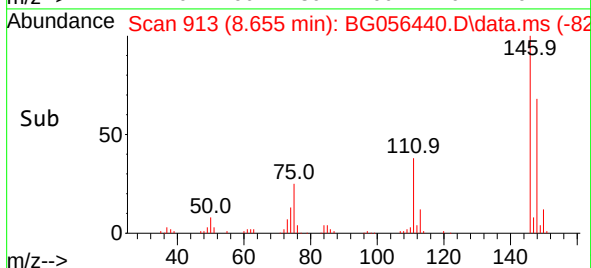
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

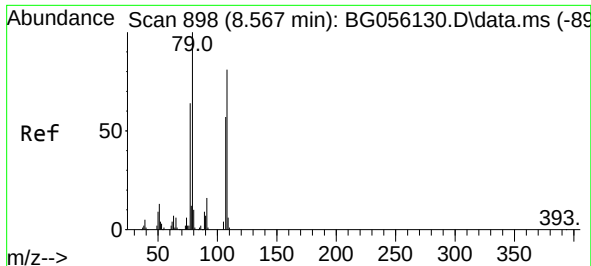


#14
1,2-Dichlorobenzene
Concen: 49.992 ng
RT: 8.655 min Scan# 913
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



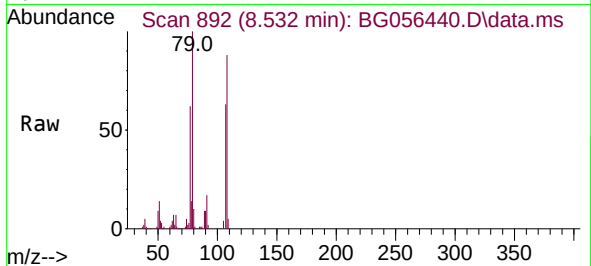
Tgt Ion:146 Resp: 112161
Ion Ratio Lower Upper
146 100
148 67.8 51.7 77.5
111 38.2 31.5 47.3





#15
Benzyl Alcohol
Concen: 43.242 ng
RT: 8.532 min Scan# 898
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

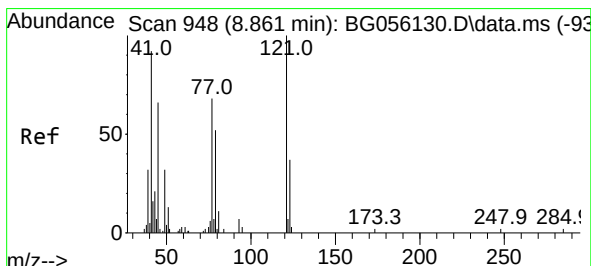
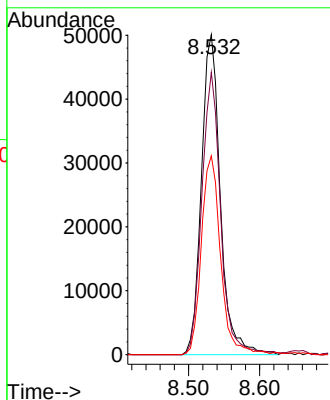
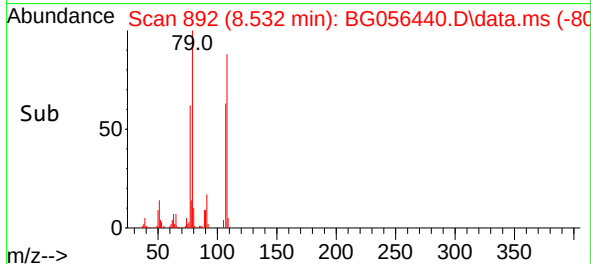
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



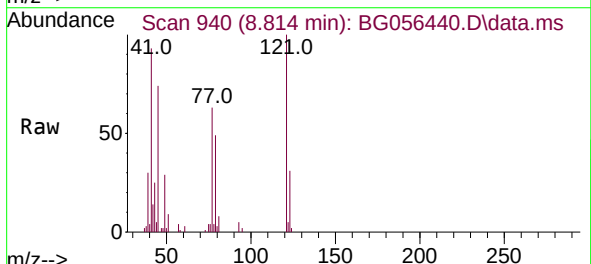
Tgt Ion: 79 Resp: 92404
Ion Ratio Lower Upper
79 100
108 88.2 64.7 97.1
77 62.1 51.5 77.3

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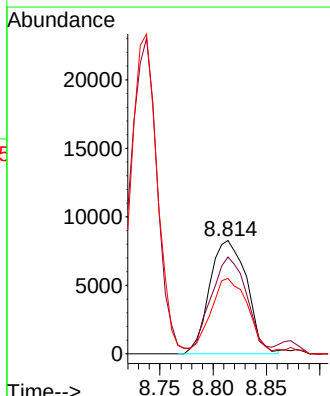
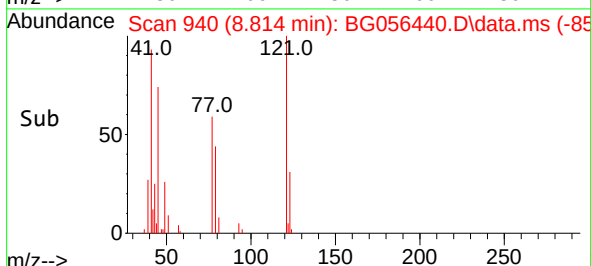
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

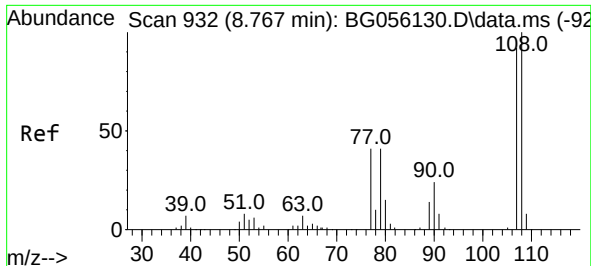


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.334 ng
RT: 8.814 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



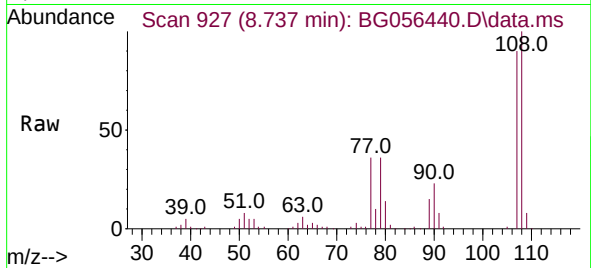
Tgt Ion: 45 Resp: 20088
Ion Ratio Lower Upper
45 100
77 85.5 88.2 128.2#
79 66.6 61.2 101.2





#17
2-Methylphenol
Concen: 46.900 ng
RT: 8.737 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

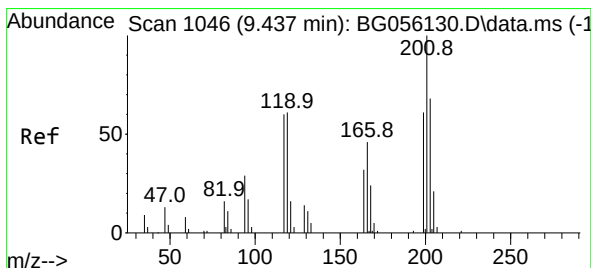
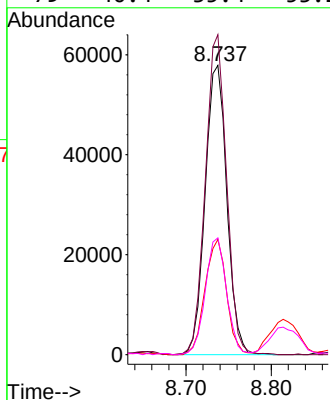
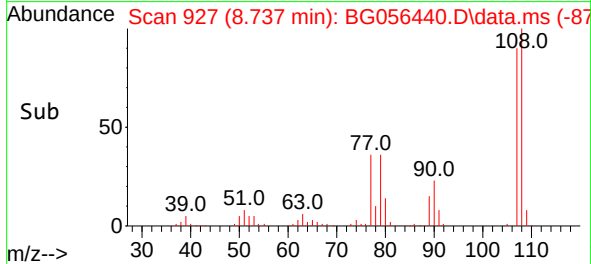
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:	107	Resp:	102473
Ion Ratio	Lower	Upper	
107	100		
108	110.7	86.6	129.8
77	39.8	35.4	53.2
79	40.4	35.4	53.2

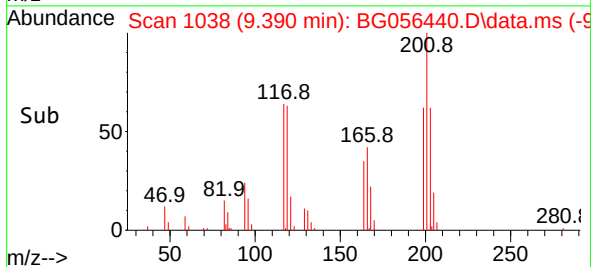
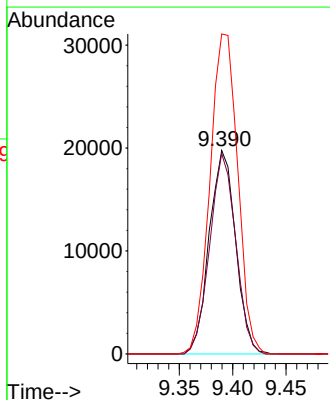
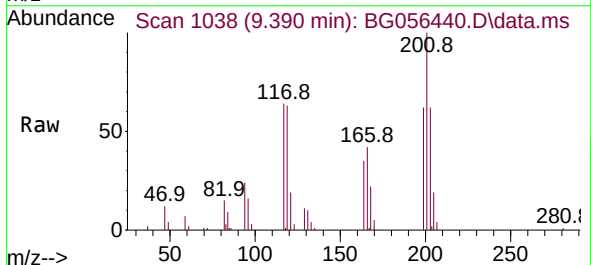
Manual Integrations
APPROVED

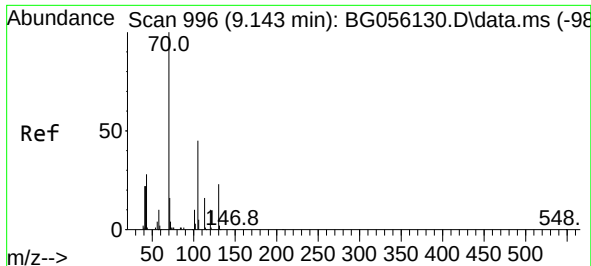
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#18
Hexachloroethane
Concen: 48.201 ng
RT: 9.390 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

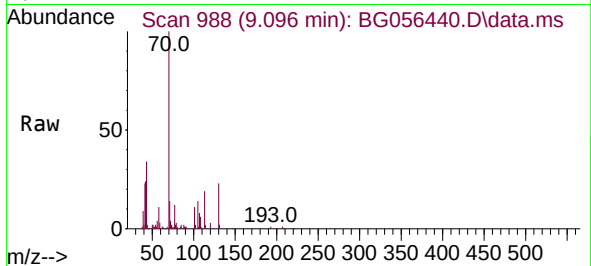
Tgt Ion:	117	Resp:	34048
Ion Ratio	Lower	Upper	
117	100		
119	98.4	81.8	122.6
201	157.2	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.836 ng
RT: 9.096 min Scan# 981
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

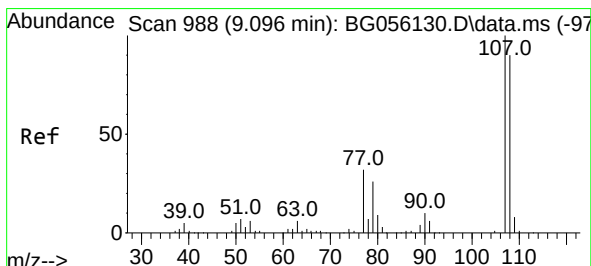
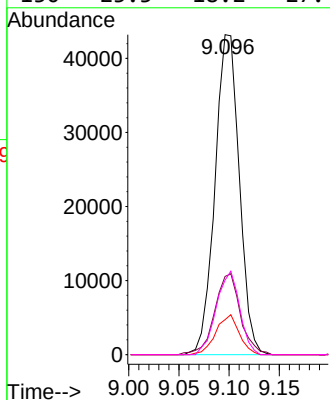
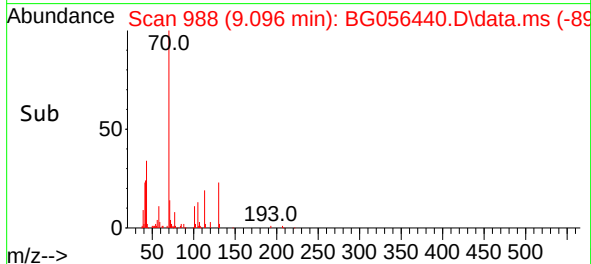
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion: 70 Resp: 72910
Ion Ratio Lower Upper
70 100
42 24.4 18.2 27.2
101 10.9 8.3 12.5
130 23.3 18.2 27.4

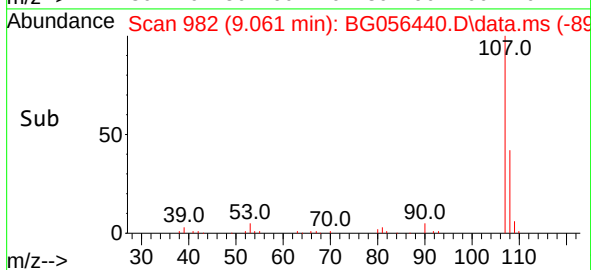
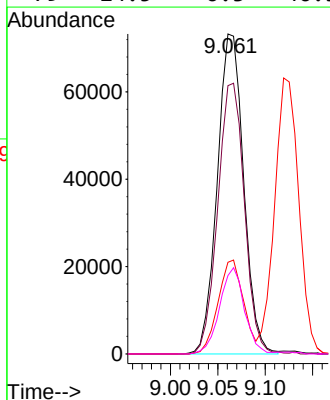
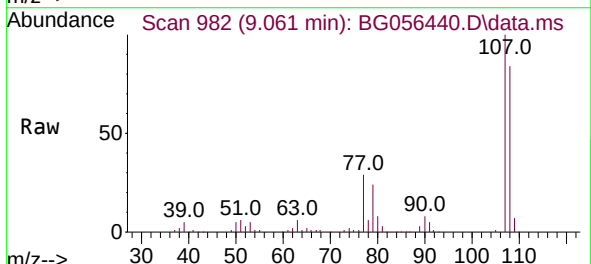
Manual Integrations
APPROVED

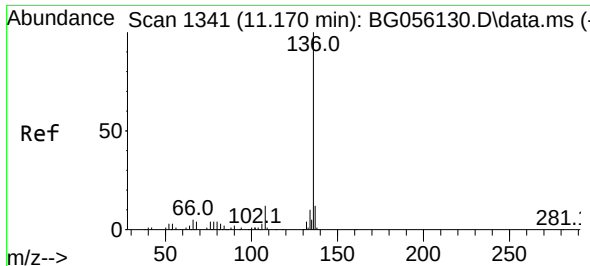
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#20
3+4-Methylphenols
Concen: 46.134 ng
RT: 9.061 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:107 Resp: 141719
Ion Ratio Lower Upper
107 100
108 83.8 69.6 109.6
77 28.6 11.7 51.7
79 24.5 6.3 46.3





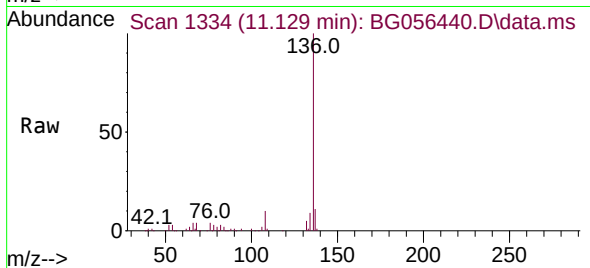
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

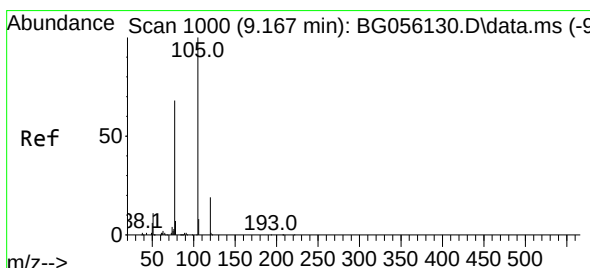
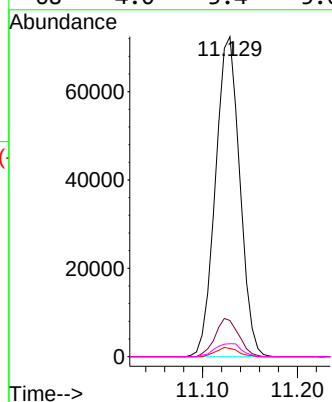
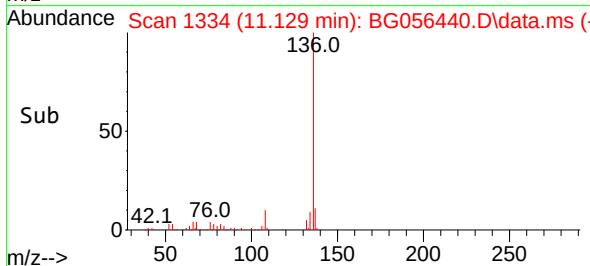


Tgt Ion:136 Resp: 128894
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.5 2.2 3.2
68 4.0 3.4 5.0

Manual Integrations

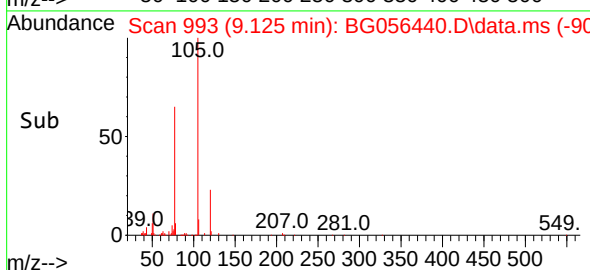
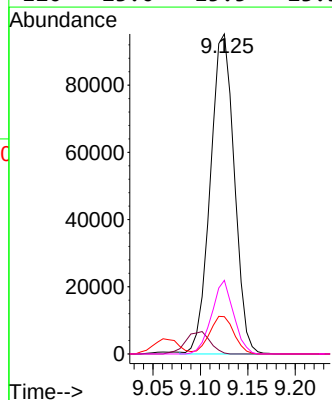
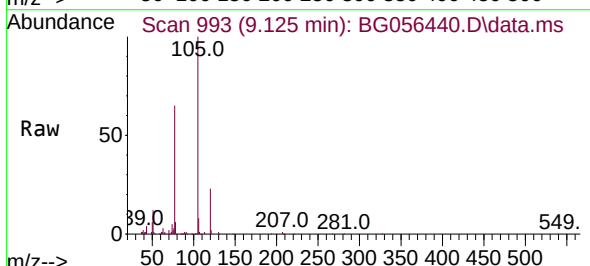
APPROVED

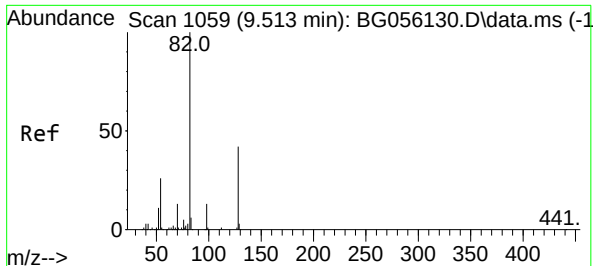
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#22
Acetophenone
Concen: 45.960 ng
RT: 9.125 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:105 Resp: 167502
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 11.6 9.3 13.9
120 23.0 15.5 23.3





#23

Nitrobenzene-d5

Concen: 86.539 ng

RT: 9.472 min Scan# 1052

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

Tgt Ion: 82 Resp: 218066

Ion Ratio Lower Upper

82 100

128 49.8 33.4 50.2

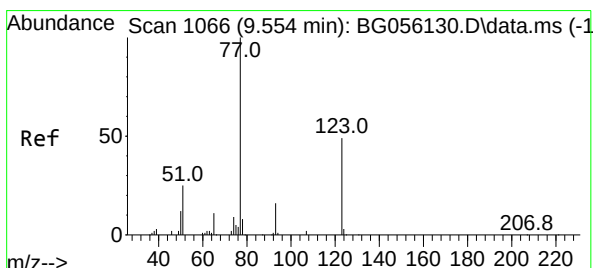
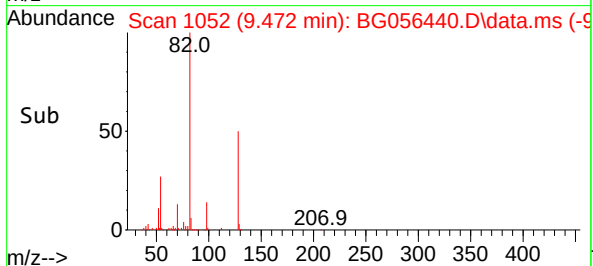
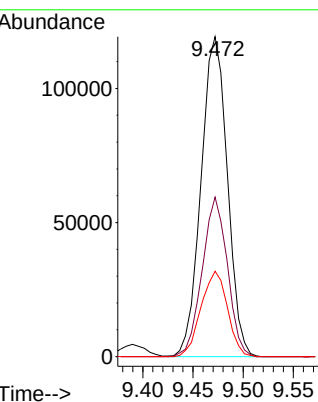
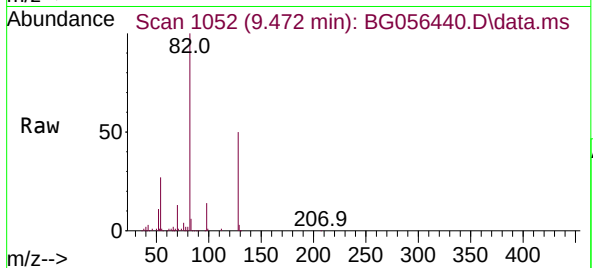
54 26.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#24

Nitrobenzene

Concen: 42.397 ng

RT: 9.513 min Scan# 1059

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

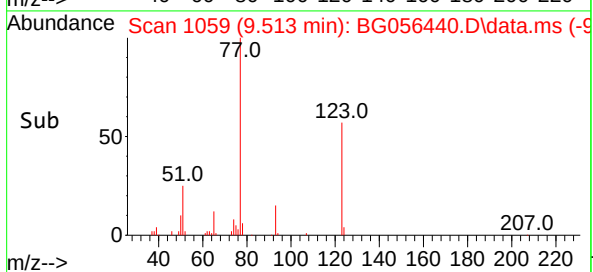
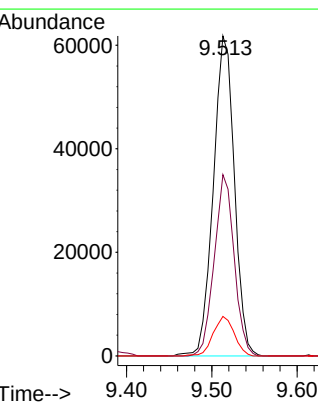
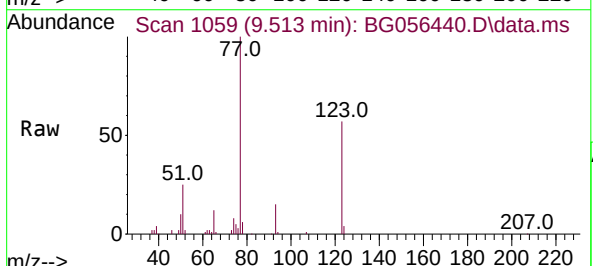
Tgt Ion: 77 Resp: 105873

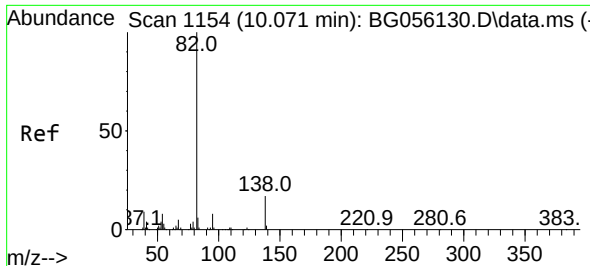
Ion Ratio Lower Upper

77 100

123 56.6 38.8 58.2

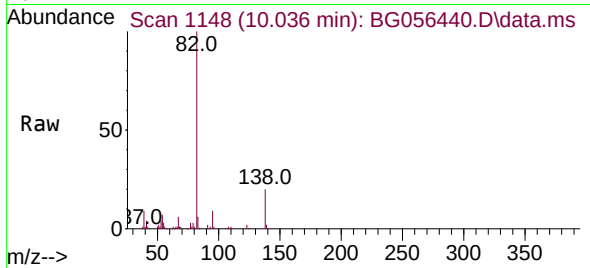
65 12.3 9.1 13.7





#25
Isophorone
Concen: 42.453 ng
RT: 10.036 min Scan# 1154
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

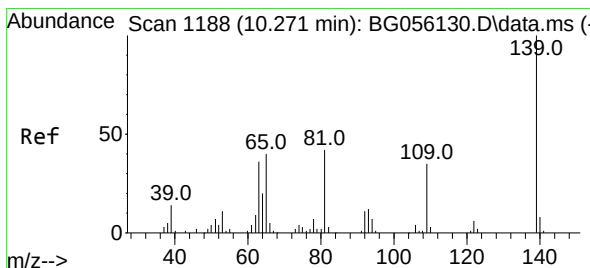
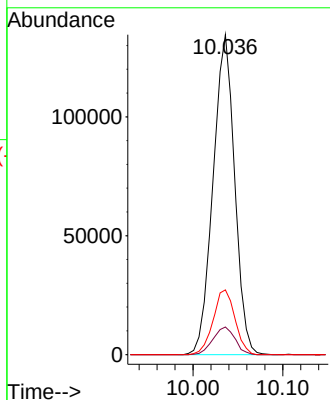
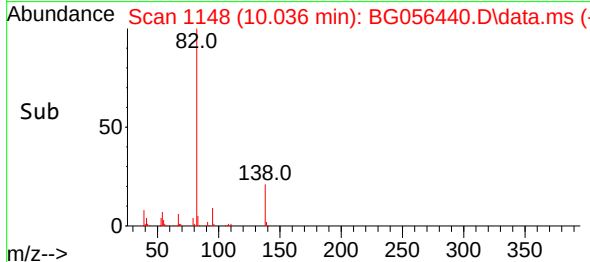
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion: 82 Resp: 225075
Ion Ratio Lower Upper
82 100
95 8.6 6.7 10.1
138 20.3 13.7 20.5

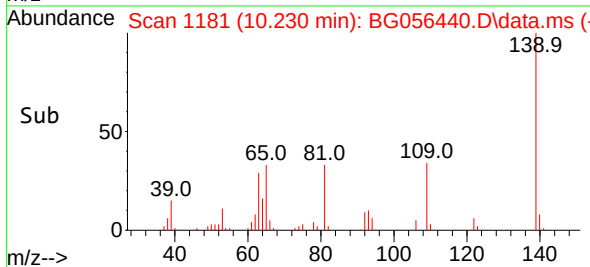
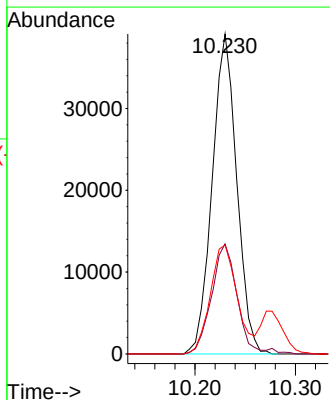
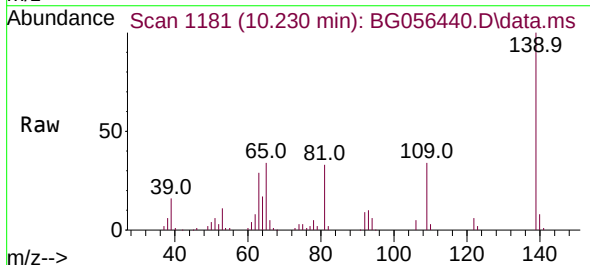
Manual Integrations
APPROVED

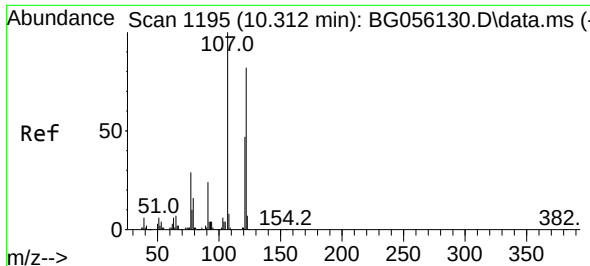
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#26
2-Nitrophenol
Concen: 51.998 ng
RT: 10.230 min Scan# 1181
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

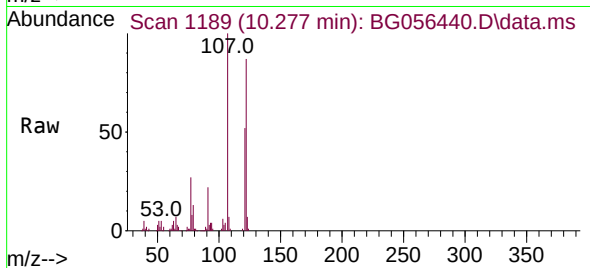
Tgt Ion:139 Resp: 66437
Ion Ratio Lower Upper
139 100
109 34.4 28.4 42.6
65 34.0 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 51.169 ng
RT: 10.277 min Scan# 1195
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

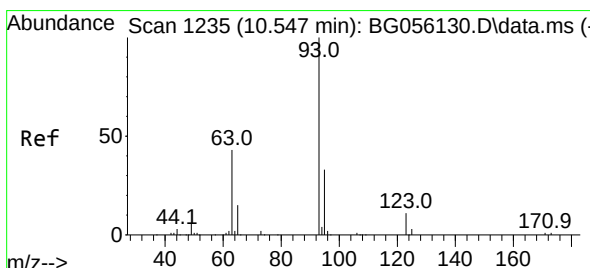
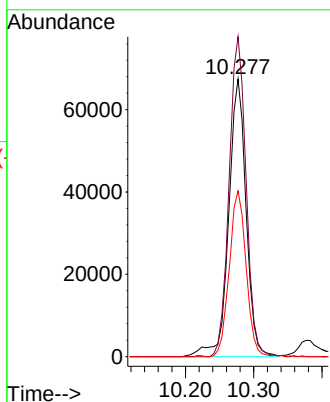
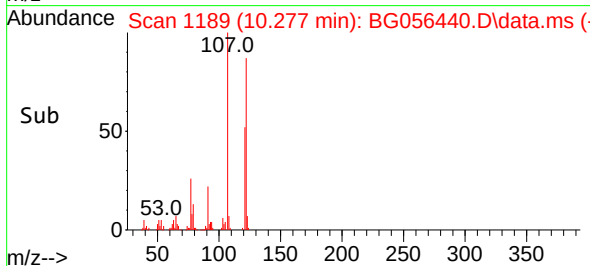
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:122 Resp: 119243
Ion Ratio Lower Upper
122 100
107 115.3 97.5 146.3
121 59.7 45.9 68.9

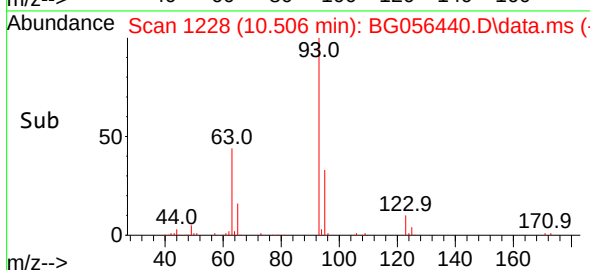
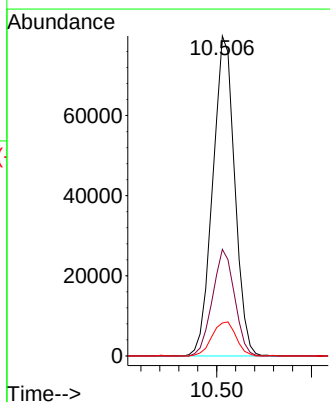
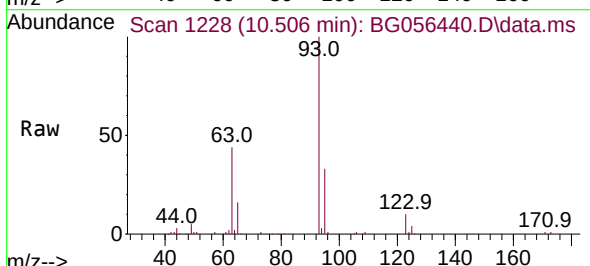
Manual Integrations
APPROVED

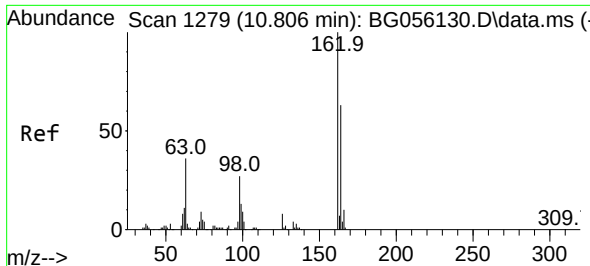
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.553 ng
RT: 10.506 min Scan# 1228
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion: 93 Resp: 128281
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 10.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.297 ng

RT: 10.770 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

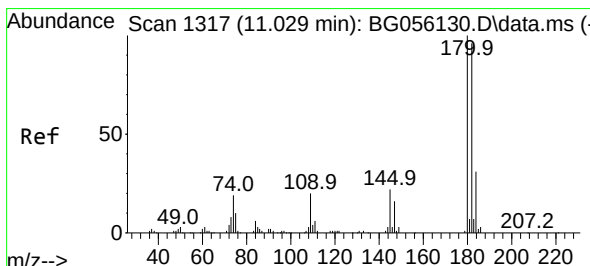
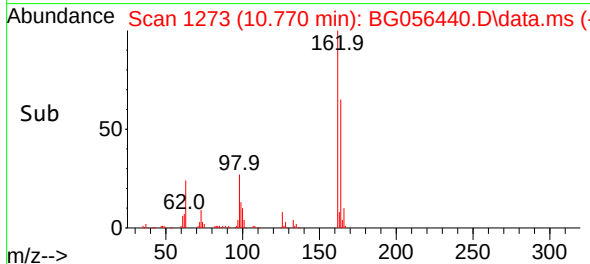
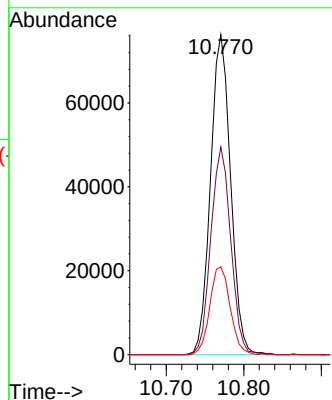
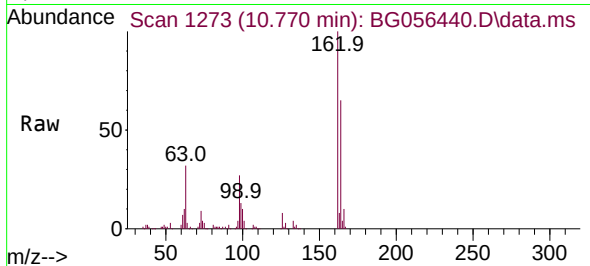
TP-21MSD

Tgt Ion:	162	Resp:	137314
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.3	83.3
98	27.4	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: 45.723 ng

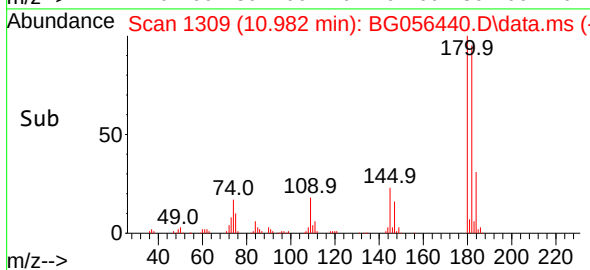
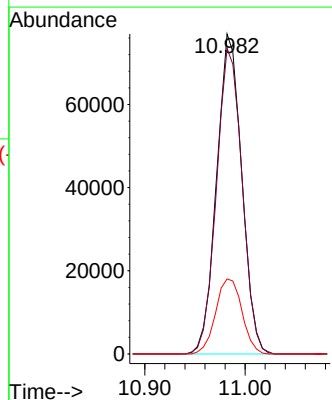
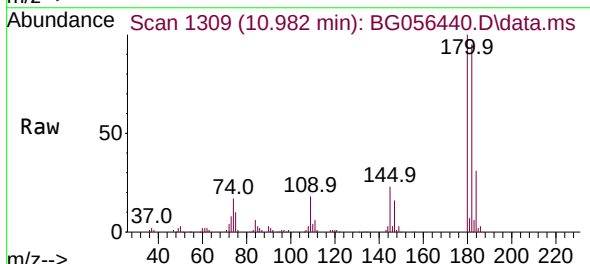
RT: 10.982 min Scan# 1309

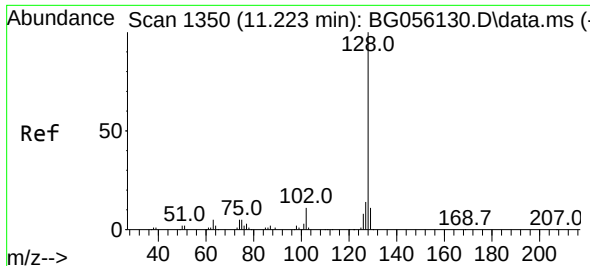
Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

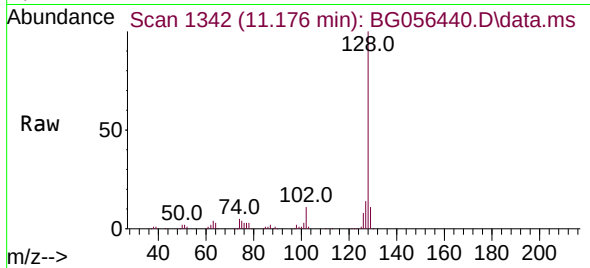
Tgt Ion:	180	Resp:	133679
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.0	115.4
145	23.4	17.4	26.2





#31
Naphthalene
Concen: 47.973 ng
RT: 11.176 min Scan# 1350
Delta R.T. -0.008 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

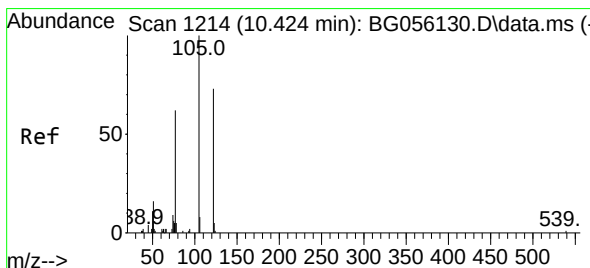
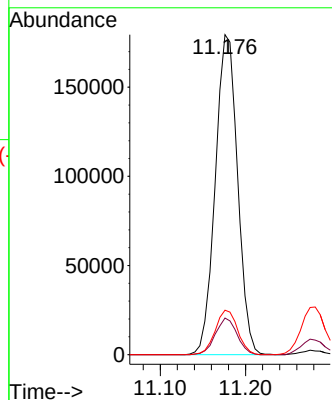
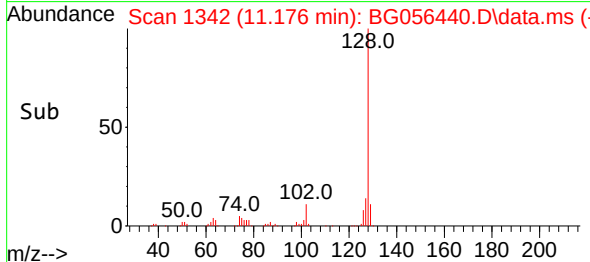
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:128 Resp: 325423
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.9 11.2 16.8

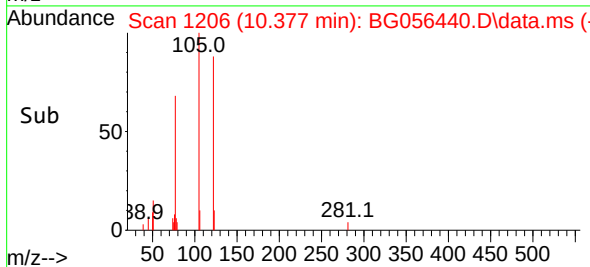
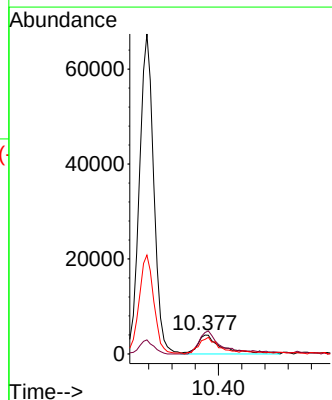
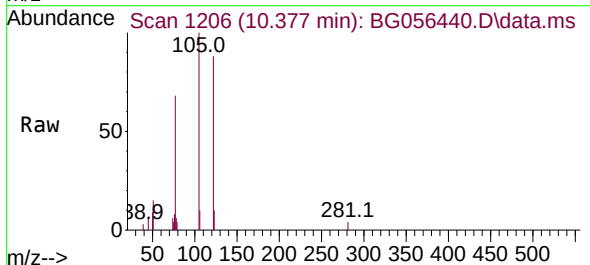
Manual Integrations
APPROVED

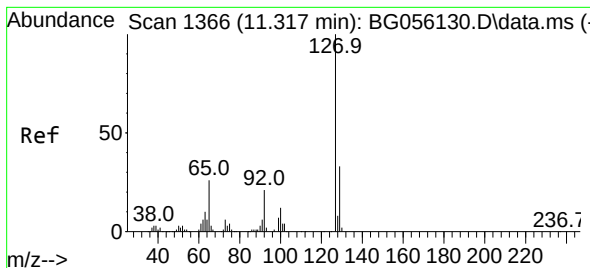
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#32
Benzoic acid
Concen: 6.696 ng m
RT: 10.377 min Scan# 1206
Delta R.T. -0.032 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:122 Resp: 11578
Ion Ratio Lower Upper
122 100
105 114.2 109.0 149.0
77 77.4 63.1 103.1





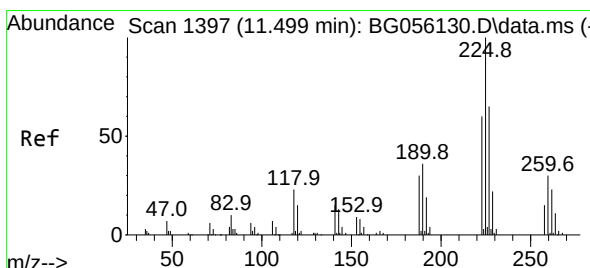
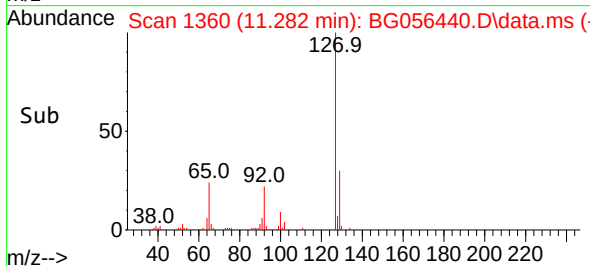
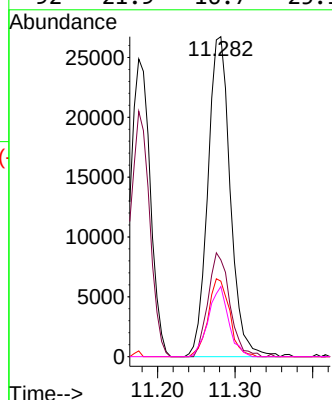
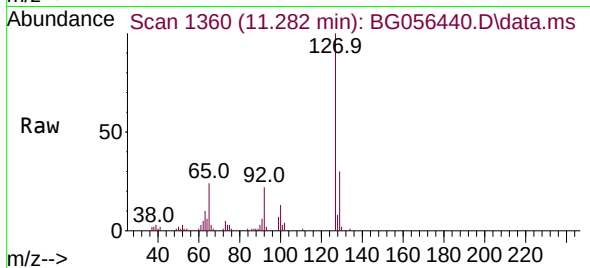
#33
4-Chloroaniline
Concen: 16.603 ng
RT: 11.282 min Scan# 1366
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:	127	Resp:	53772
Ion Ratio	Lower	Upper	
127	100		
129	30.2	26.1	39.1
65	23.6	20.9	31.3
92	21.9	16.7	25.1

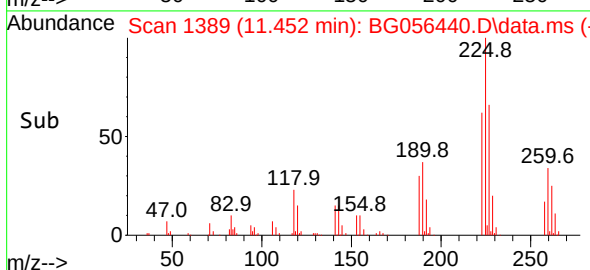
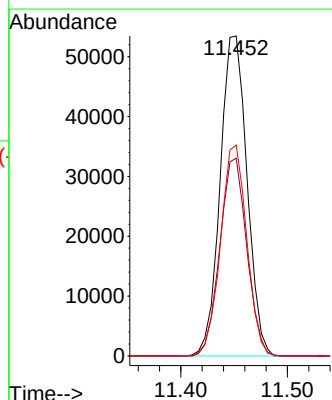
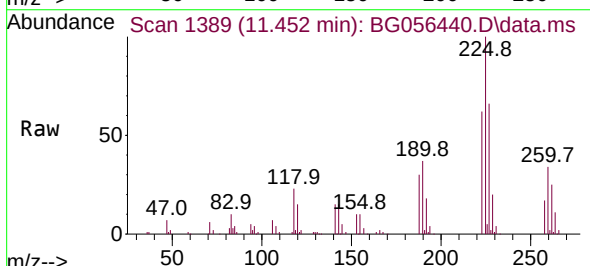
Manual Integrations
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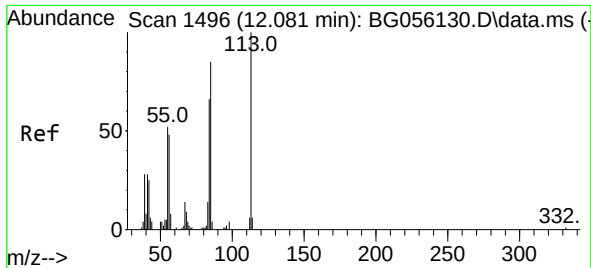
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#34
Hexachlorobutadiene
Concen: 44.562 ng
RT: 11.452 min Scan# 1389
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

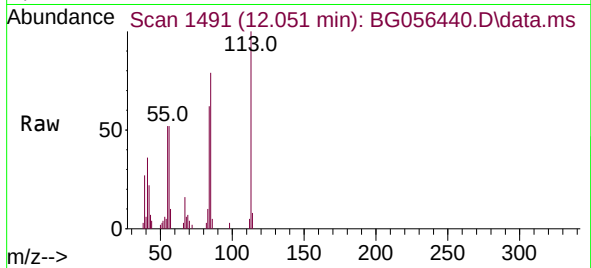
Tgt Ion:	225	Resp:	93703
Ion Ratio	Lower	Upper	
225	100		
223	59.0	47.7	71.5
227	63.0	52.3	78.5





#35
Caprolactam
Concen: 35.104 ng m
RT: 12.051 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

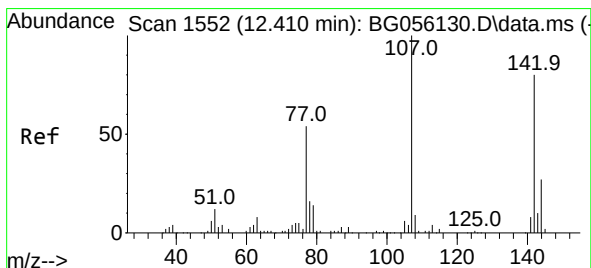
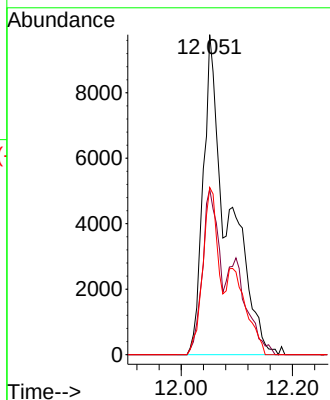
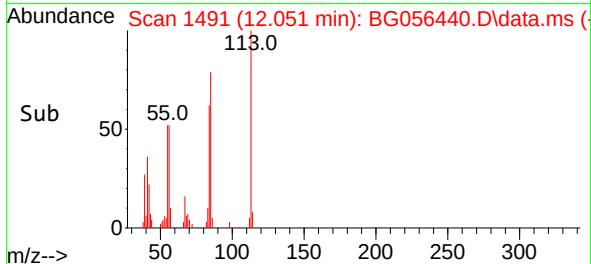
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



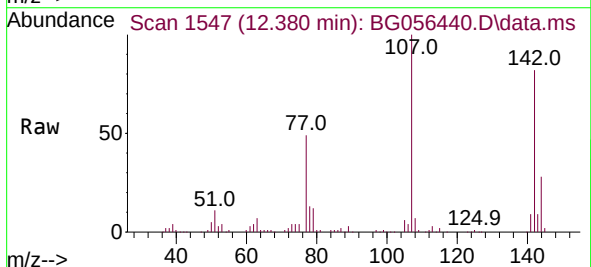
Tgt Ion:113 Resp: 30620
Ion Ratio Lower Upper
113 100
55 51.7 31.9 71.9
56 52.2 27.6 67.6

Manual Integrations
APPROVED

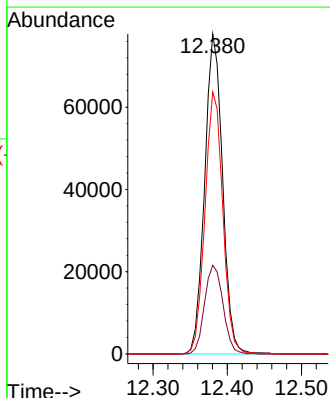
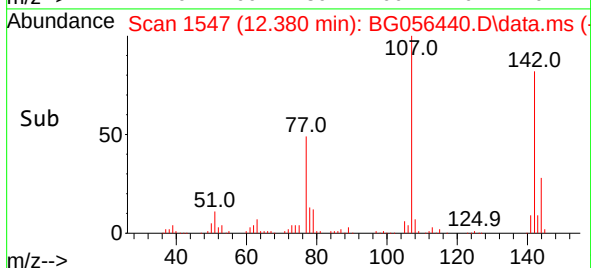
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

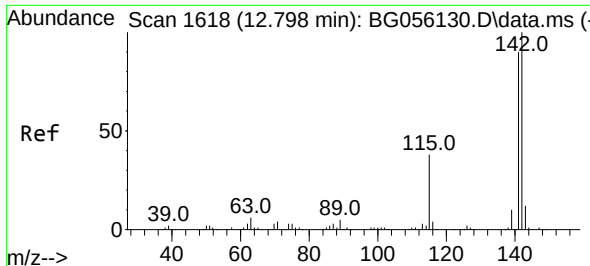


#36
4-Chloro-3-methylphenol
Concen: 49.722 ng
RT: 12.380 min Scan# 1547
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



Tgt Ion:107 Resp: 129988
Ion Ratio Lower Upper
107 100
144 27.7 21.5 32.3
142 81.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 45.351 ng

RT: 12.762 min Scan# 1612

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

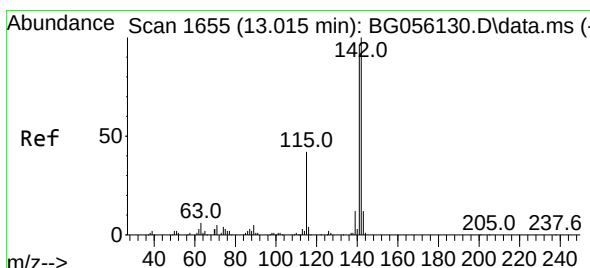
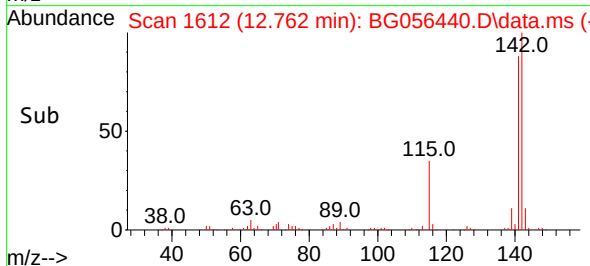
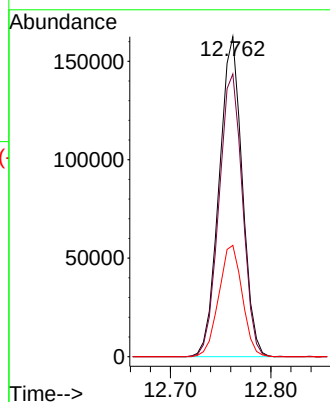
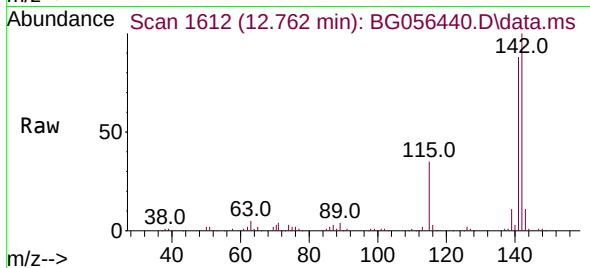
Tgt Ion:142 Resp: 259759

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.4
115	34.8	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: 45.466 ng

RT: 12.980 min Scan# 1649

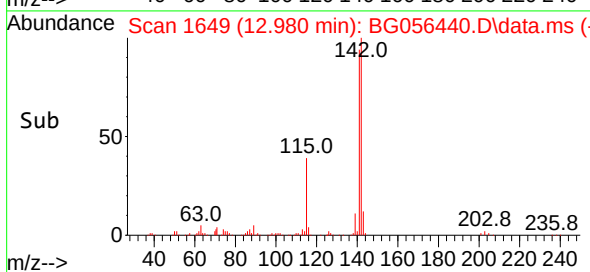
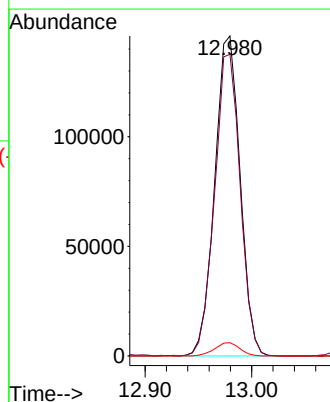
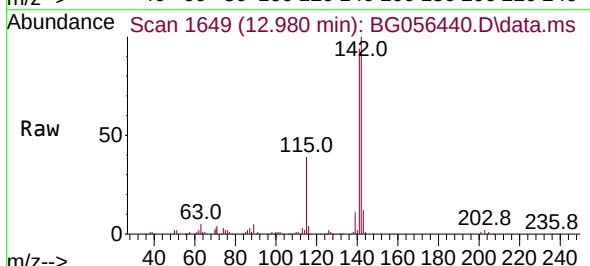
Delta R.T. -0.002 min

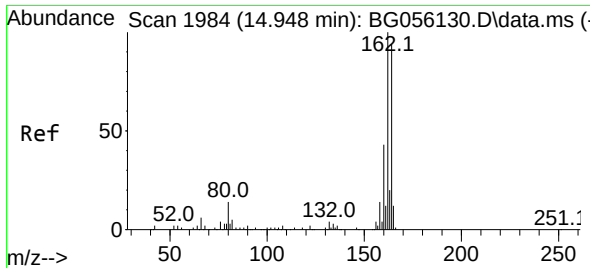
Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Tgt Ion:142 Resp: 241827

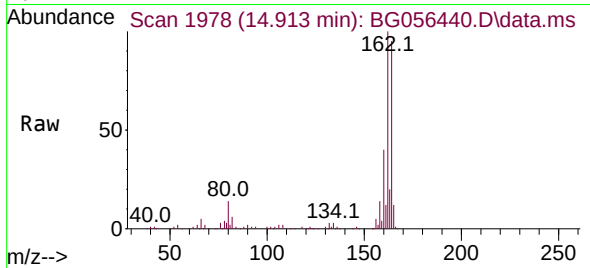
Ion	Ratio	Lower	Upper
142	100		
141	94.3	77.0	115.6
116	4.1	3.6	5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.913 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

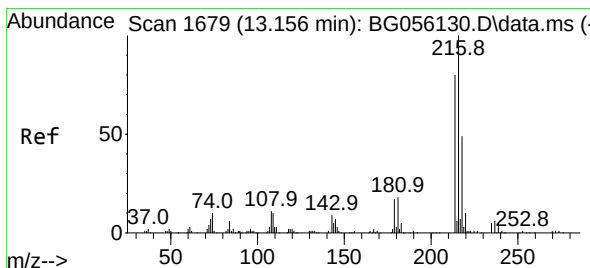
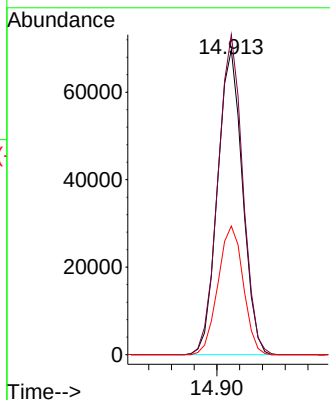
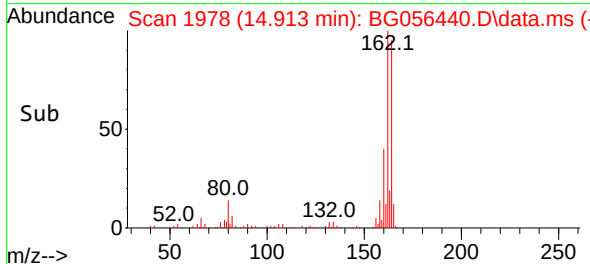
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



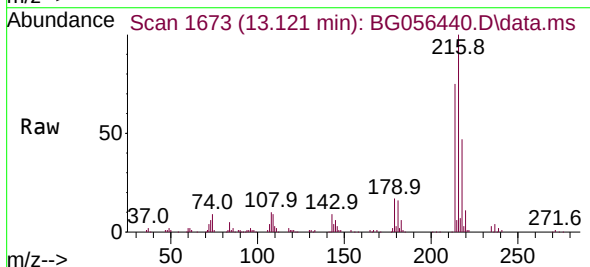
Tgt Ion:164 Resp: 105878
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 42.2 36.3 54.5

Manual Integrations
APPROVED

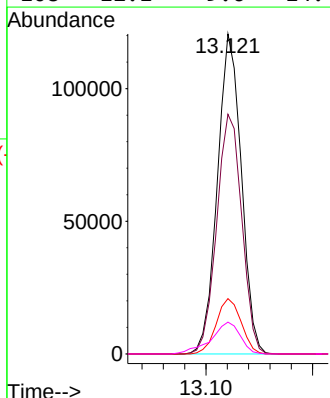
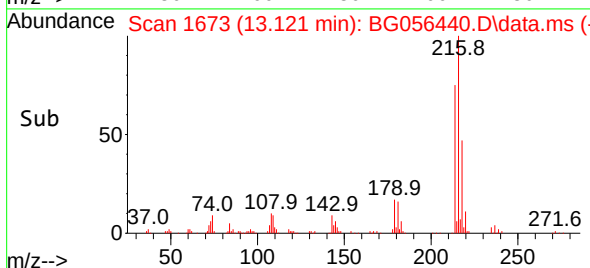
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

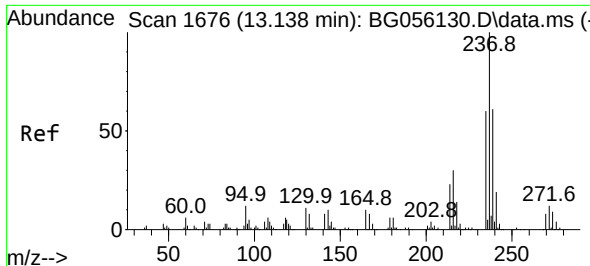


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.320 ng
RT: 13.121 min Scan# 1673
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



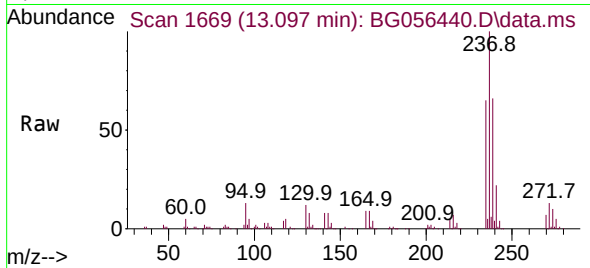
Tgt Ion:216 Resp: 187777
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 18.0 13.6 20.4
108 12.1 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 81.360 ng
RT: 13.097 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

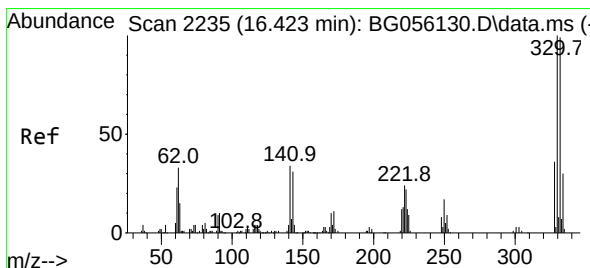
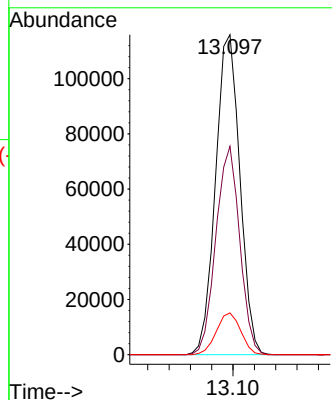
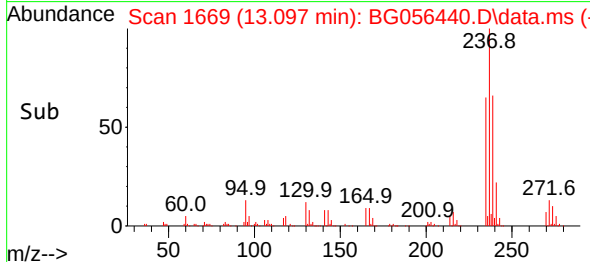
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:237 Resp: 184071
Ion Ratio Lower Upper
237 100
235 65.1 40.3 80.3
272 13.0 0.0 32.5

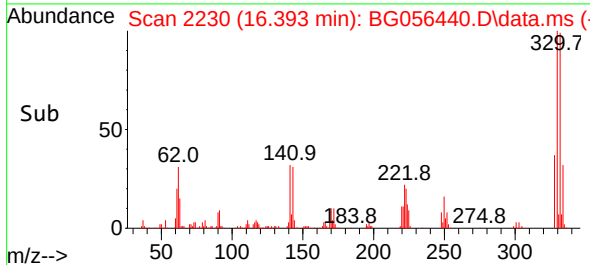
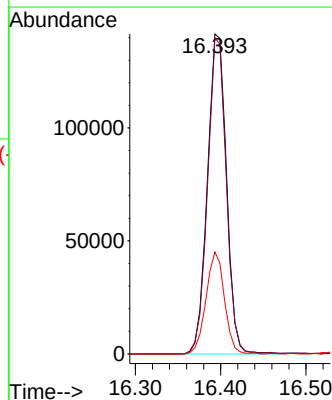
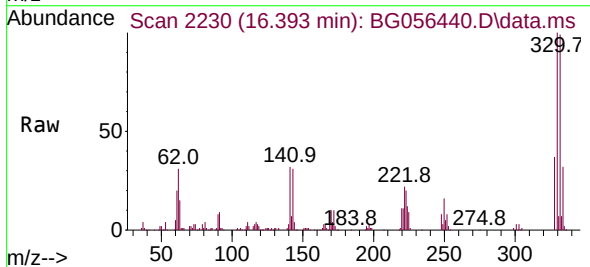
Manual Integrations
APPROVED

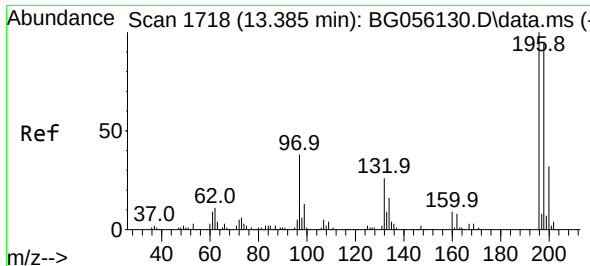
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#42
2,4,6-Tribromophenol
Concen: 163.658 ng
RT: 16.393 min Scan# 2230
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

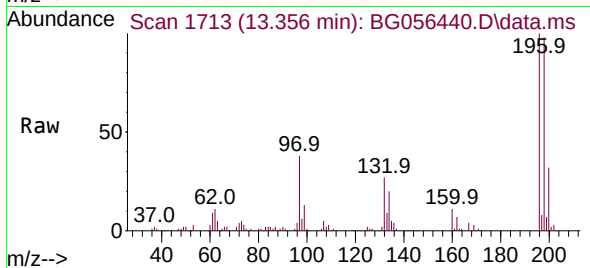
Tgt Ion:330 Resp: 219453
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.7 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 51.769 ng
RT: 13.356 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

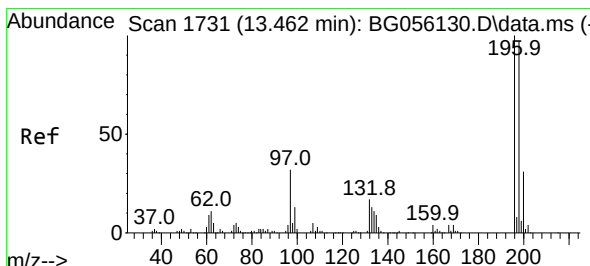
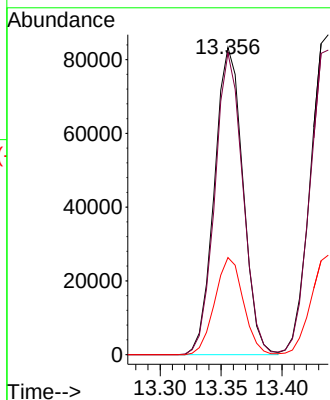
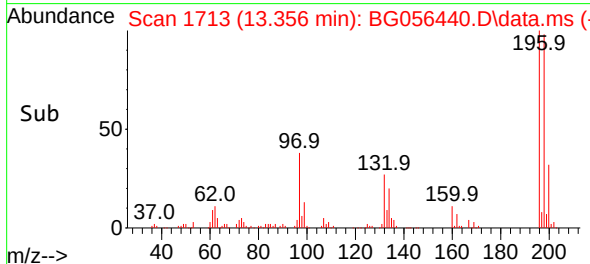
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



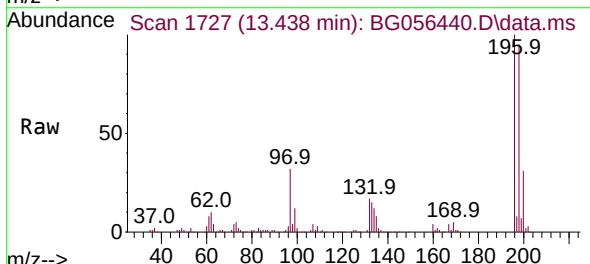
Tgt Ion:196 Resp: 13584
Ion Ratio Lower Upper
196 100
198 98.2 75.5 113.3
200 31.6 25.7 38.5

Manual Integrations
APPROVED

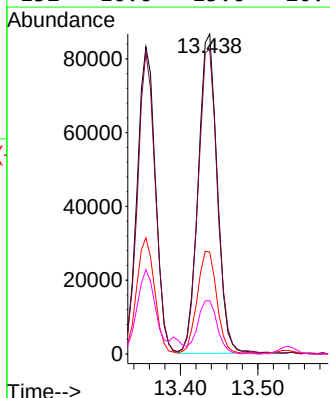
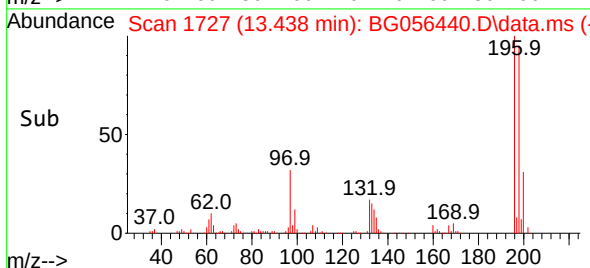
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

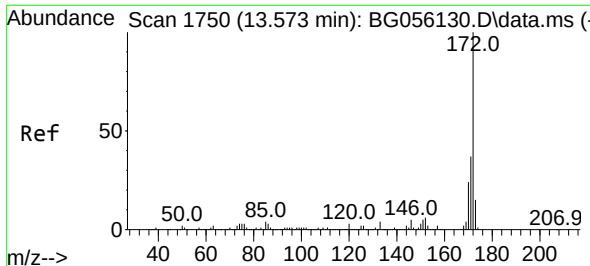


#44
2,4,5-Trichlorophenol
Concen: 47.357 ng
RT: 13.438 min Scan# 1727
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



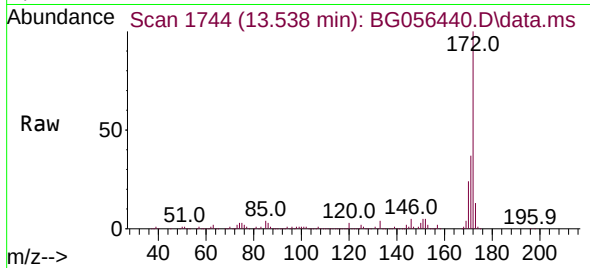
Tgt Ion:196 Resp: 146998
Ion Ratio Lower Upper
196 100
198 95.2 78.0 117.0
97 31.8 25.7 38.5
132 16.6 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 95.158 ng
RT: 13.538 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

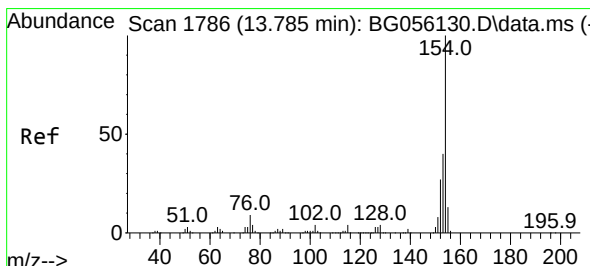
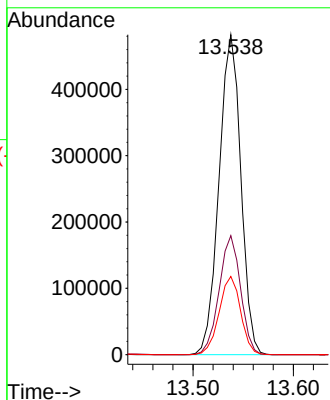
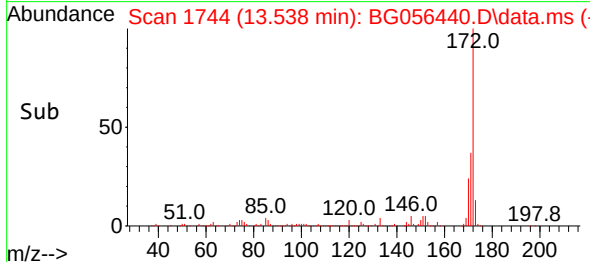
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:172 Resp: 729609
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.4 19.4 29.2

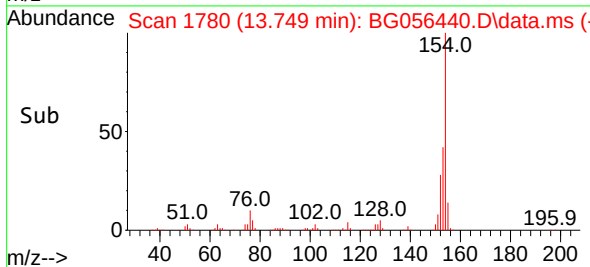
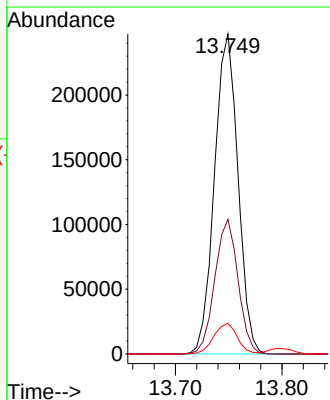
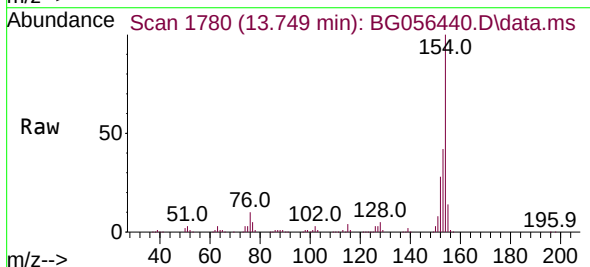
Manual Integrations
APPROVED

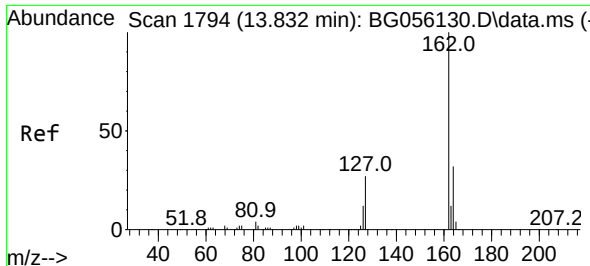
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#46
1,1'-Biphenyl
Concen: 49.998 ng
RT: 13.749 min Scan# 1780
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

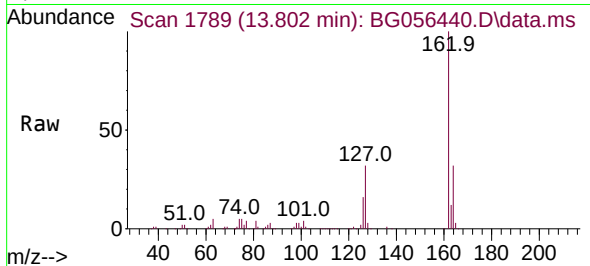
Tgt Ion:154 Resp: 379113
Ion Ratio Lower Upper
154 100
153 42.0 20.0 60.0
76 9.5 0.0 29.3





#47
2-Chloronaphthalene
Concen: 50.674 ng
RT: 13.802 min Scan# 1789
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

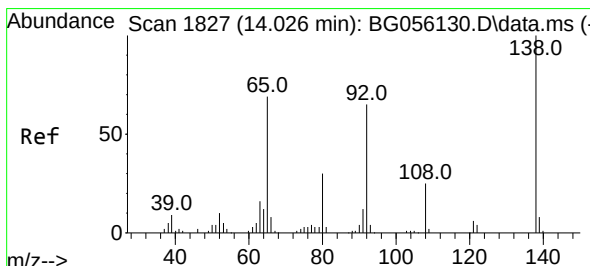
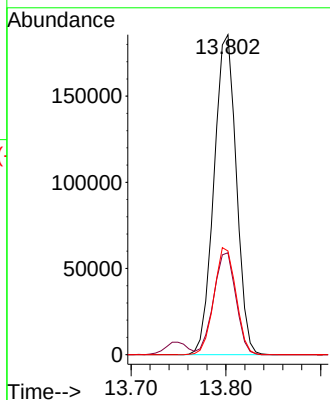
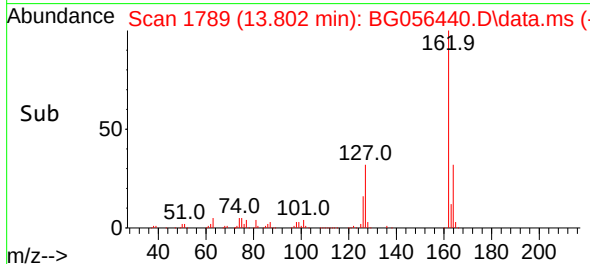
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:162 Resp: 303286
Ion Ratio Lower Upper
162 100
127 31.8 24.6 36.8
164 32.4 25.8 38.8

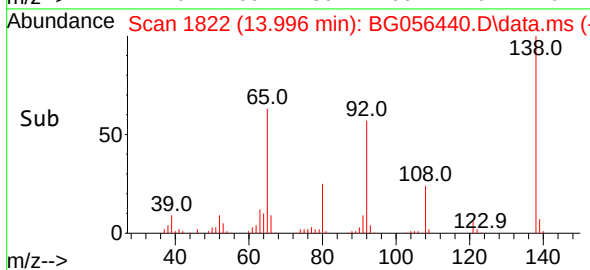
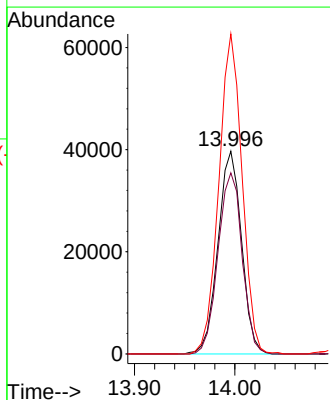
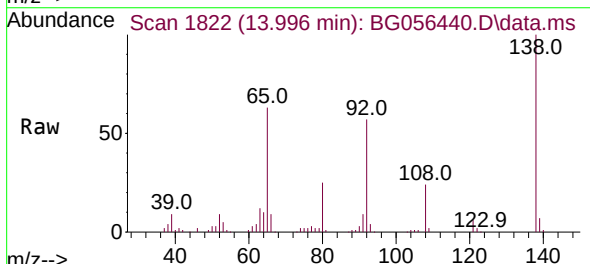
Manual Integrations
APPROVED

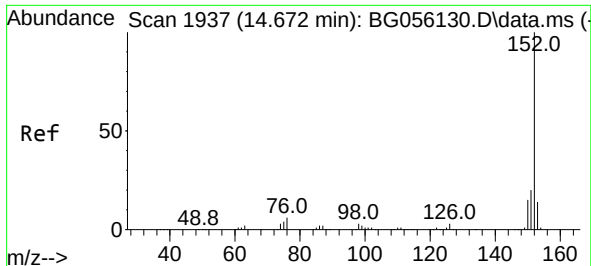
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#48
2-Nitroaniline
Concen: 50.710 ng
RT: 13.996 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

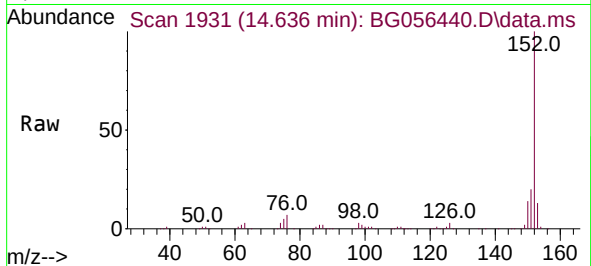
Tgt Ion: 65 Resp: 64666
Ion Ratio Lower Upper
65 100
92 89.3 76.0 114.0
138 157.9 116.6 174.8





#49
Acenaphthylene
Concen: 49.381 ng
RT: 14.636 min Scan# 1931
Delta R.T. -0.008 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

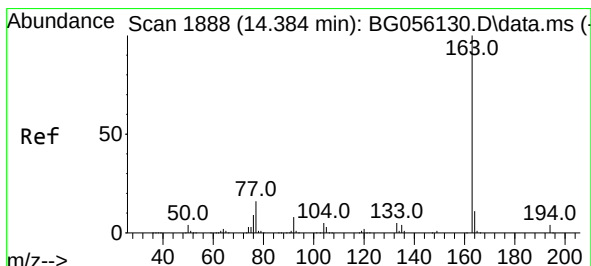
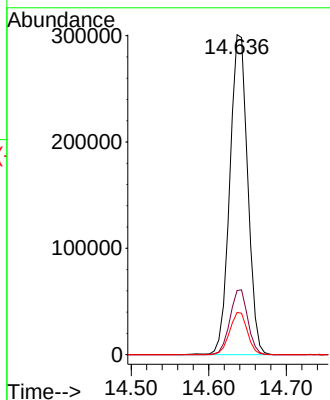
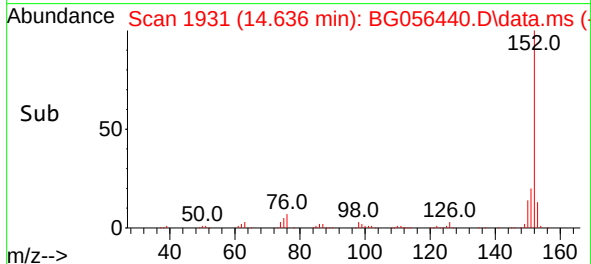
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



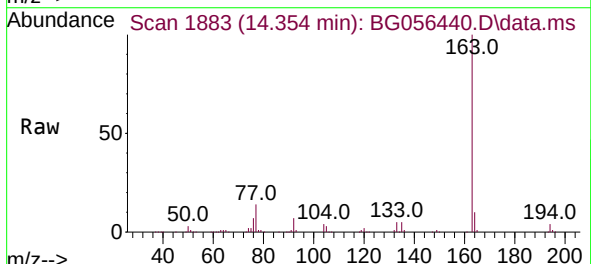
Tgt Ion:152 Resp: 480953
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 11.0 16.6

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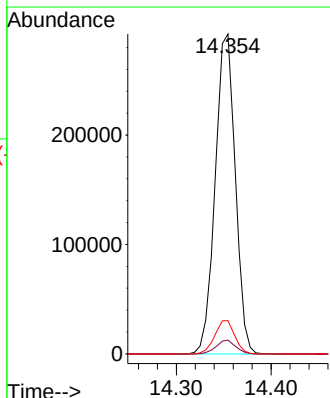
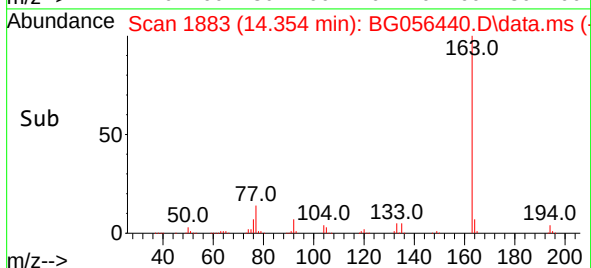
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

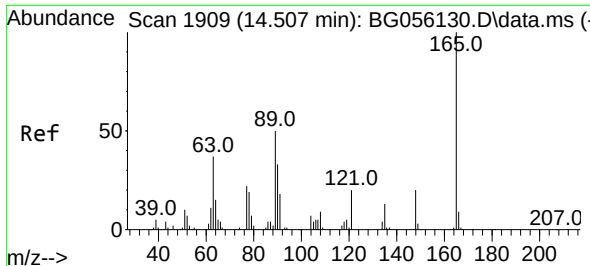


#50
Dimethylphthalate
Concen: 50.327 ng
RT: 14.354 min Scan# 1883
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



Tgt Ion:163 Resp: 430149
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 51.216 ng
RT: 14.478 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

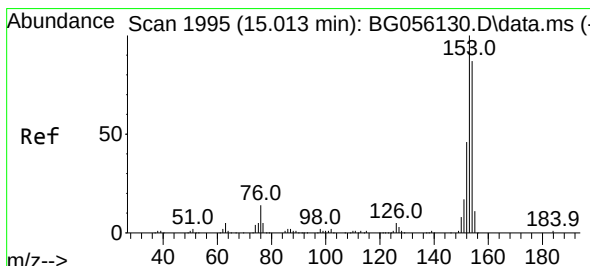
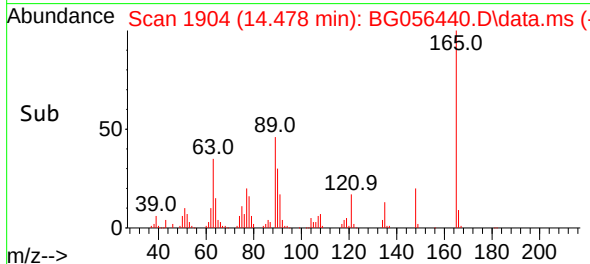
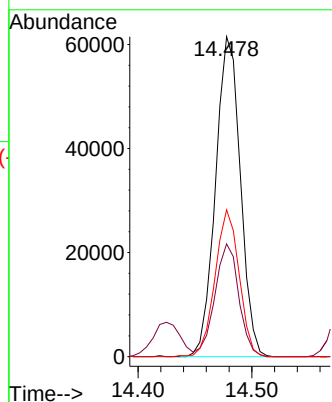
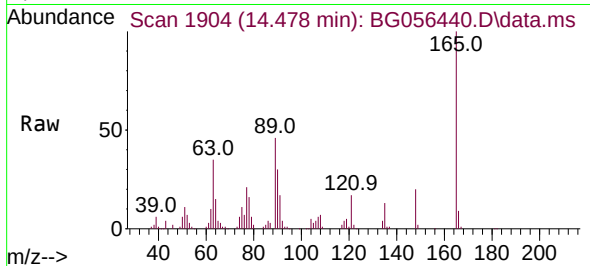
ClientSampleId :

TP-21MSD

Tgt Ion:165 Resp: 93272
Ion Ratio Lower Upper
165 100
63 35.2 32.2 48.2
89 45.9 39.8 59.8

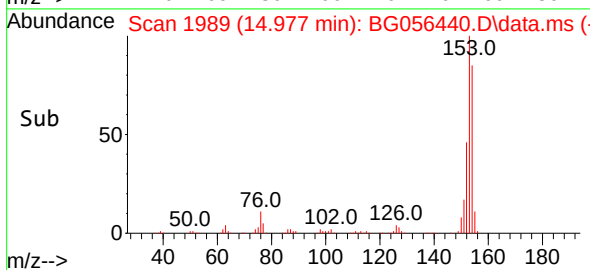
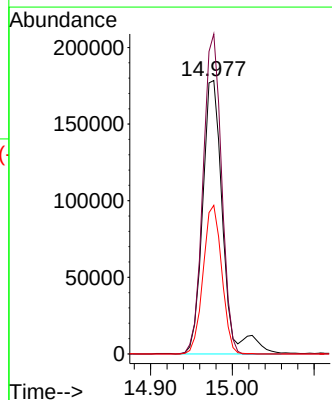
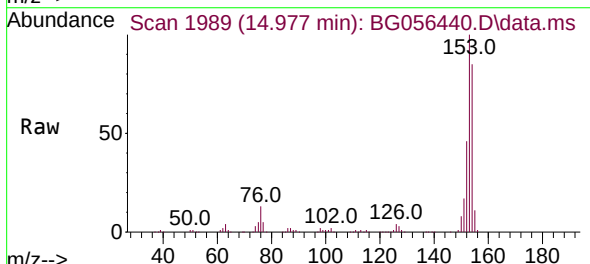
Manual Integrations
APPROVED

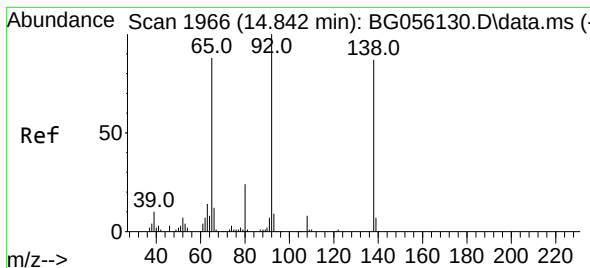
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#52
Acenaphthene
Concen: 48.515 ng m
RT: 14.977 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

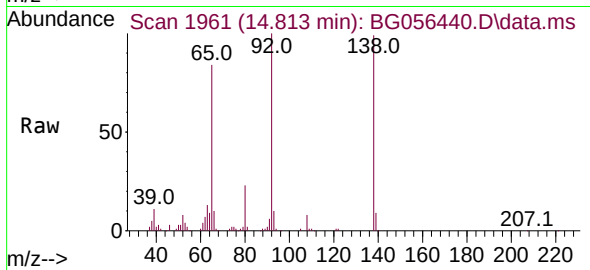
Tgt Ion:154 Resp: 307320
Ion Ratio Lower Upper
154 100
153 117.0 92.0 138.0
152 54.3 42.5 63.7





#53
3-Nitroaniline
Concen: 37.348 ng
RT: 14.813 min Scan# 1961
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

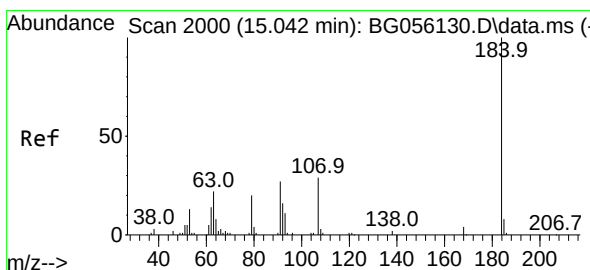
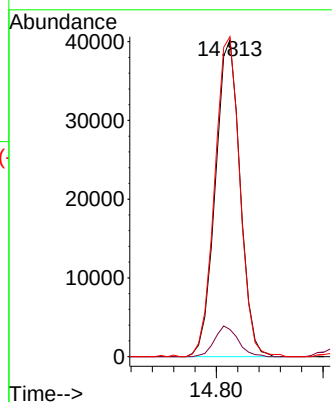
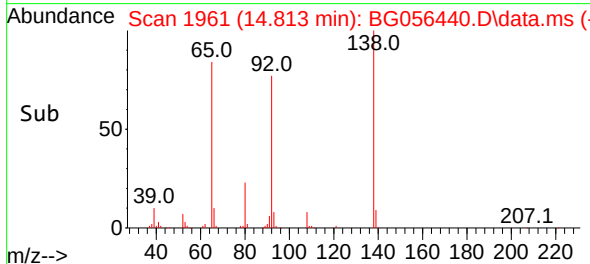
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:138 Resp: 64735
Ion Ratio Lower Upper
138 100
108 8.6 7.6 11.4
92 101.1 91.7 137.5

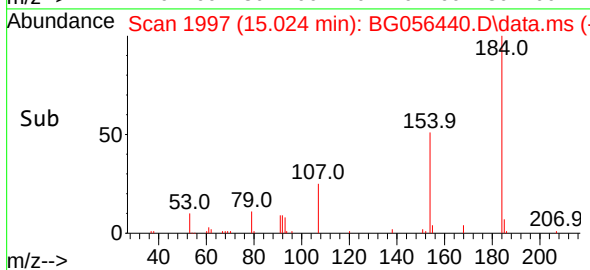
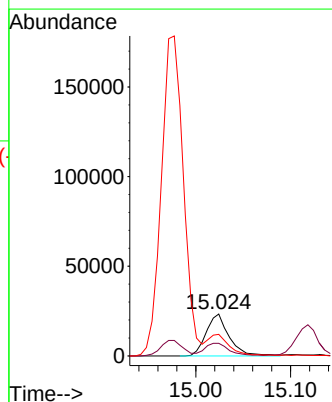
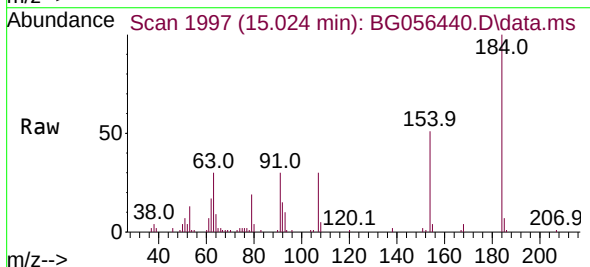
Manual Integrations
APPROVED

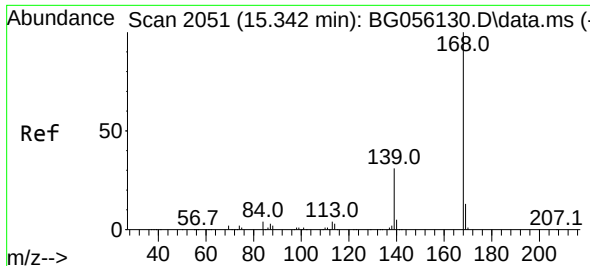
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#54
2,4-Dinitrophenol
Concen: 30.121 ng
RT: 15.024 min Scan# 1997
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

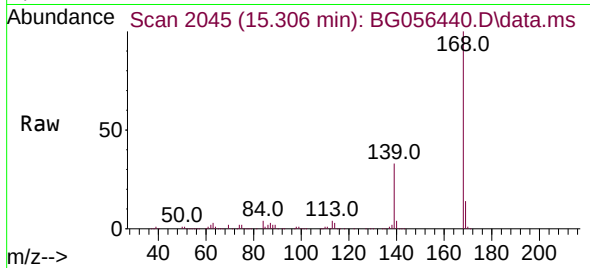
Tgt Ion:184 Resp: 39190
Ion Ratio Lower Upper
184 100
63 30.1 24.0 36.0
154 51.5 45.4 68.0





#55
Dibenzenofuran
Concen: 48.646 ng
RT: 15.306 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

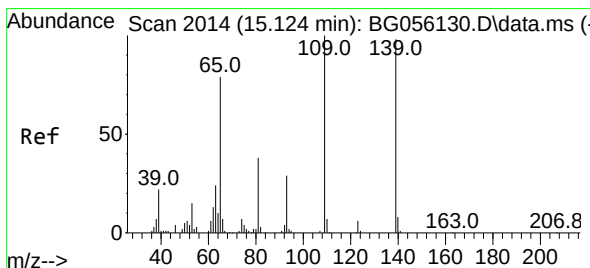
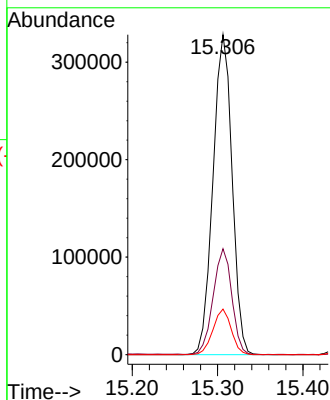
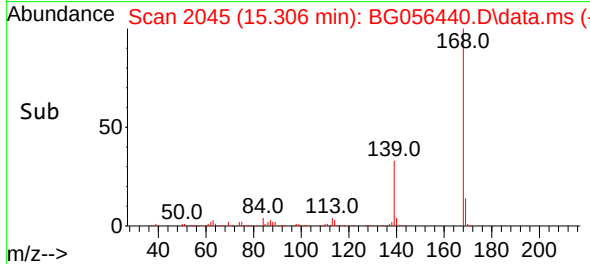
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:168 Resp: 50994
Ion Ratio Lower Upper
168 100
139 33.1 24.7 37.1
169 14.2 10.3 15.5

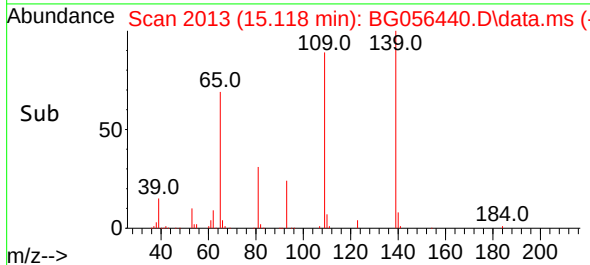
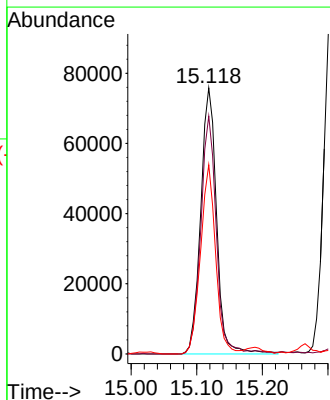
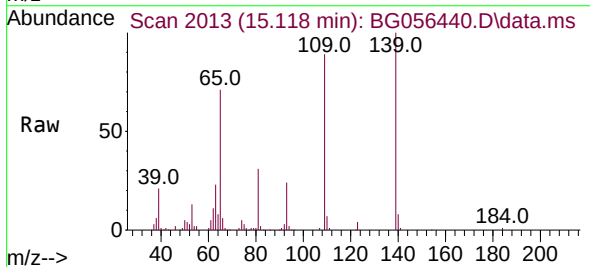
Manual Integrations
APPROVED

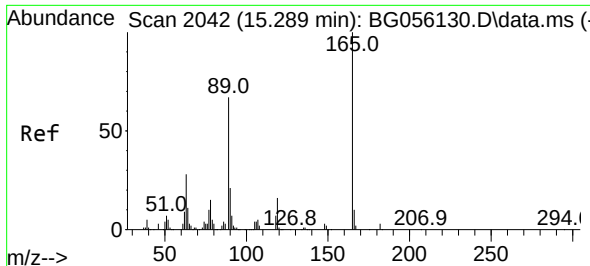
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#56
4-Nitrophenol
Concen: 95.440 ng
RT: 15.118 min Scan# 2013
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:139 Resp: 127227
Ion Ratio Lower Upper
139 100
109 89.4 82.2 122.2
65 71.0 60.6 100.6





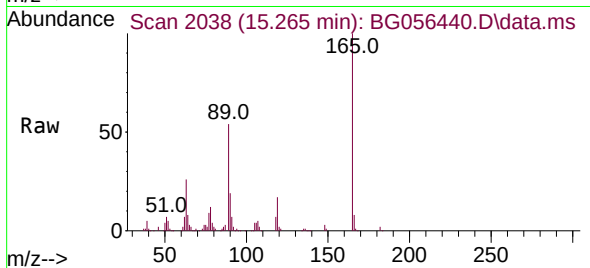
#57
2,4-Dinitrotoluene
Concen: 52.327 ng
RT: 15.265 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

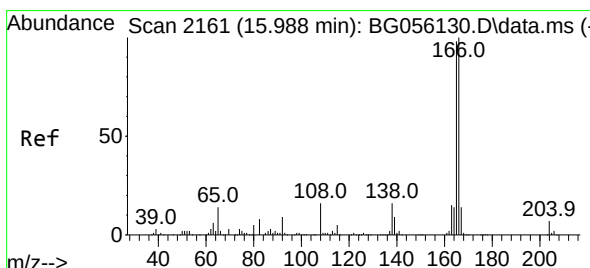
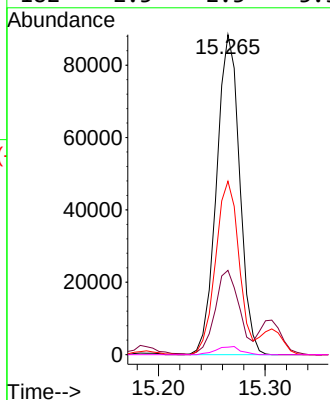
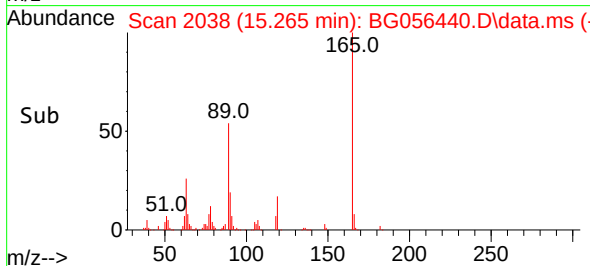


Tgt Ion:165 Resp: 133278
Ion Ratio Lower Upper
165 100
63 26.3 22.6 34.0
89 54.2 53.2 79.8
182 2.3 2.3 3.5

Manual Integrations

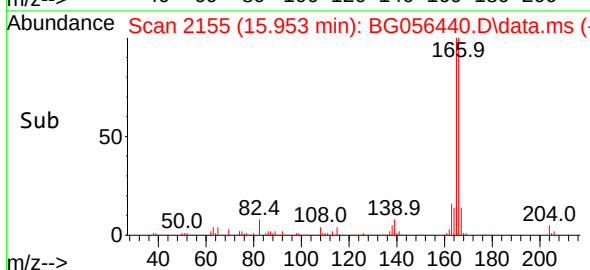
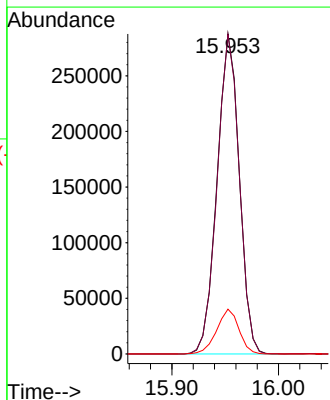
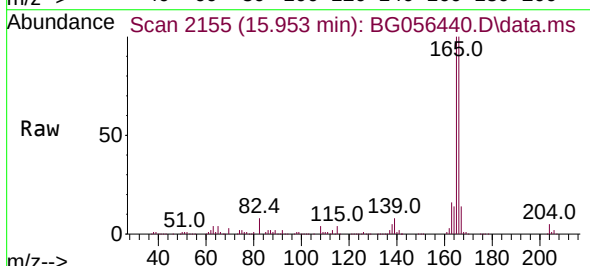
APPROVED

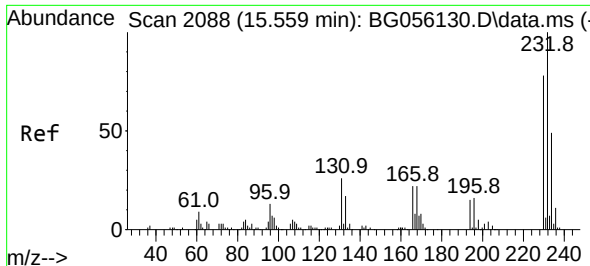
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 49.527 ng
RT: 15.953 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:166 Resp: 417576
Ion Ratio Lower Upper
166 100
165 99.8 78.6 118.0
167 14.0 11.1 16.7





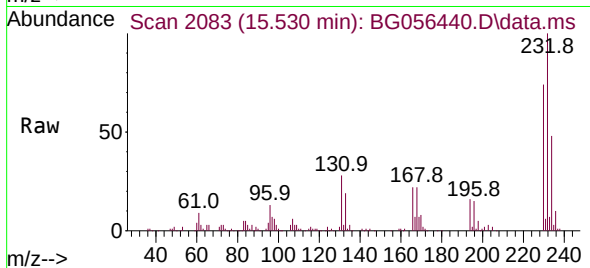
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.854 ng m
RT: 15.530 min Scan# 2083
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

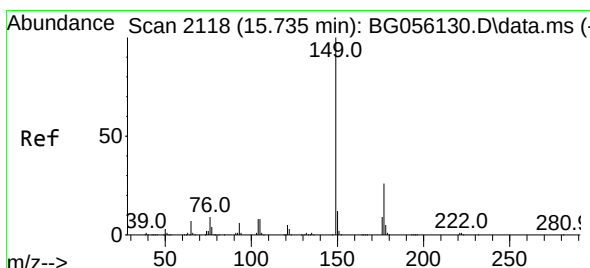
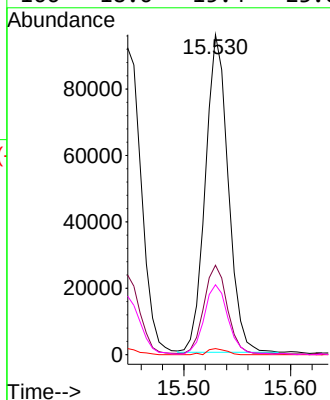
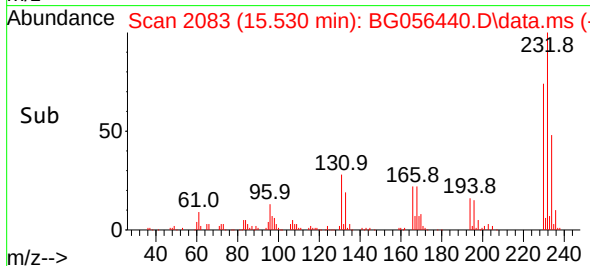


Tgt Ion:232 Resp: 142383
Ion Ratio Lower Upper
232 100
131 25.3 21.4 32.2
130 1.7 1.4 2.0
166 18.6 15.4 23.0

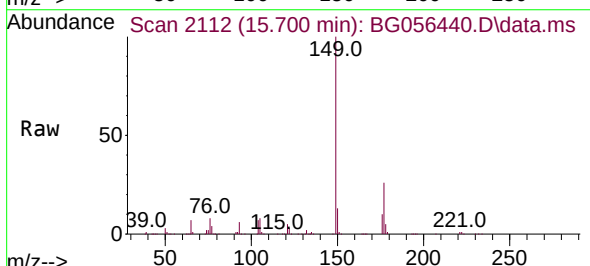
Manual Integrations

APPROVED

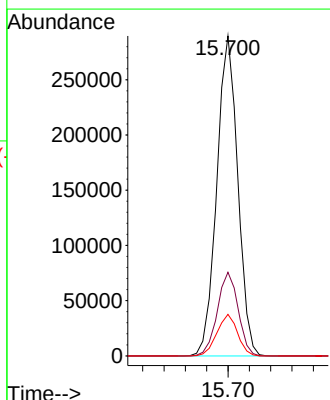
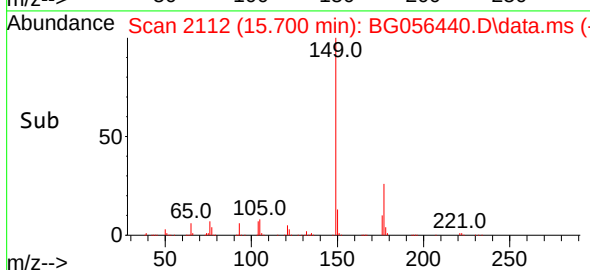
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

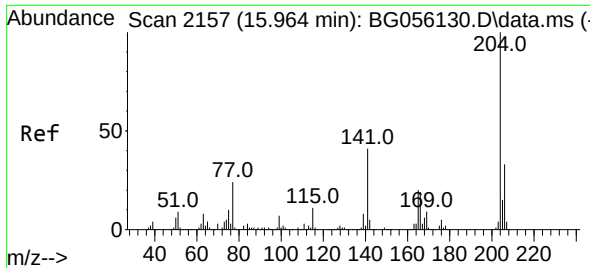


#60
Diethylphthalate
Concen: 49.355 ng
RT: 15.700 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



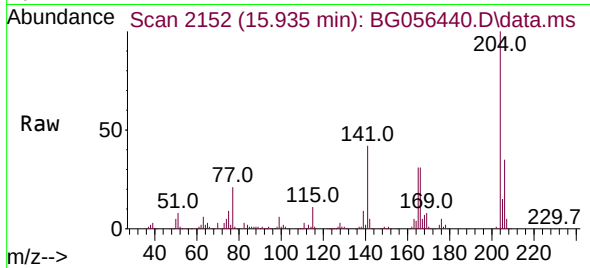
Tgt Ion:149 Resp: 395610
Ion Ratio Lower Upper
149 100
177 26.1 20.6 31.0
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.292 ng
RT: 15.935 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

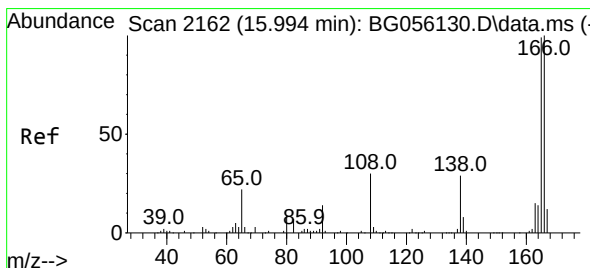
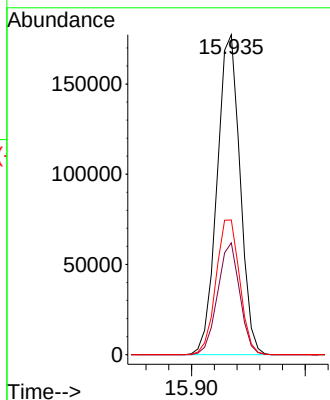
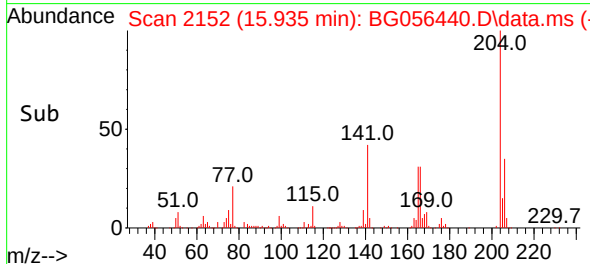
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



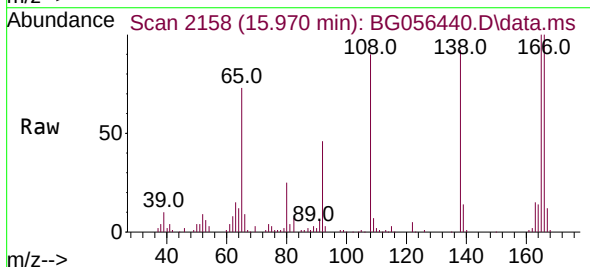
Tgt Ion:204 Resp: 248837
Ion Ratio Lower Upper
204 100
206 34.9 26.4 39.6
141 42.1 33.0 49.4

Manual Integrations
APPROVED

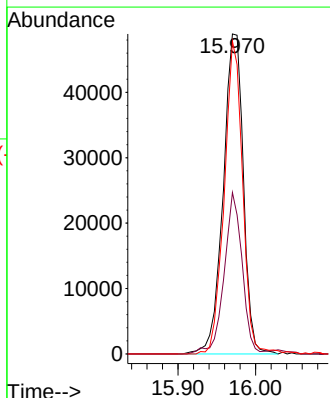
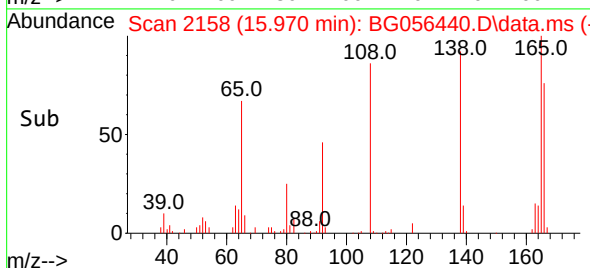
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

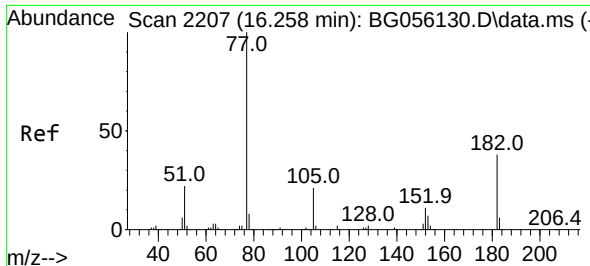


#62
4-Nitroaniline
Concen: 49.835 ng
RT: 15.970 min Scan# 2158
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



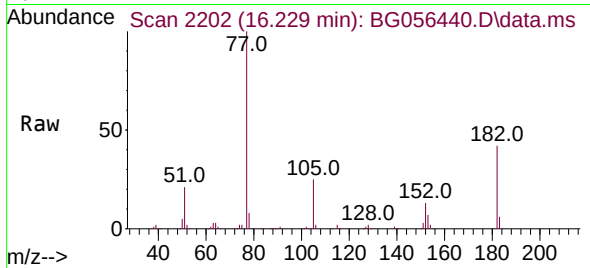
Tgt Ion:138 Resp: 88480
Ion Ratio Lower Upper
138 100
92 50.4 28.6 68.6
108 97.7 83.4 123.4





#63
Azobenzene
Concen: 46.150 ng
RT: 16.229 min Scan# 2207
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

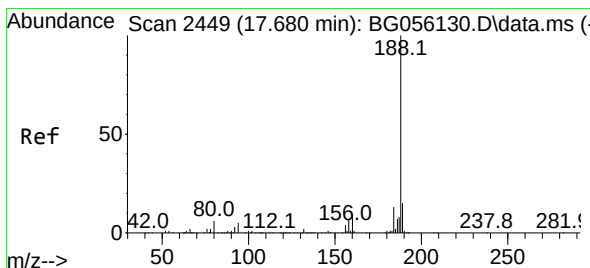
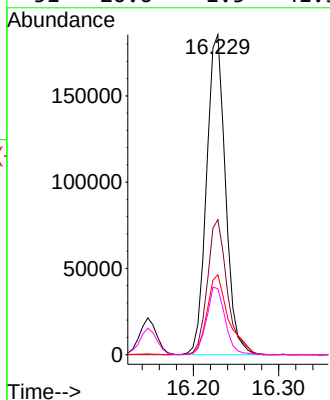
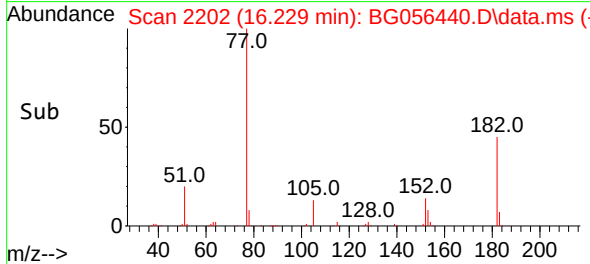
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



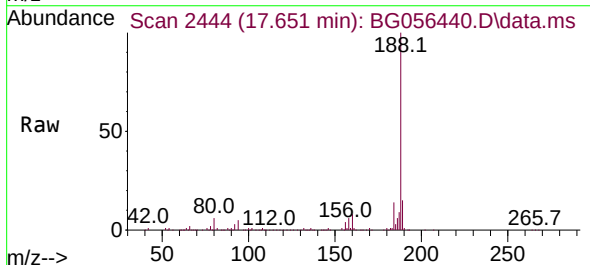
Tgt Ion: 77 Resp: 285460
Ion Ratio Lower Upper
77 100
182 42.2 18.5 58.5
105 25.0 1.4 41.4
51 20.6 1.5 41.5

Manual Integrations
APPROVED

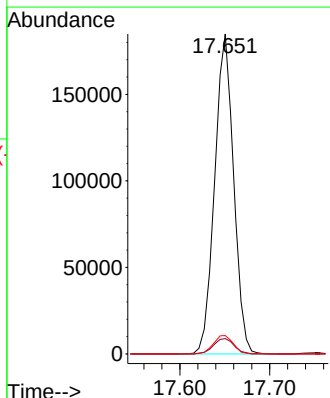
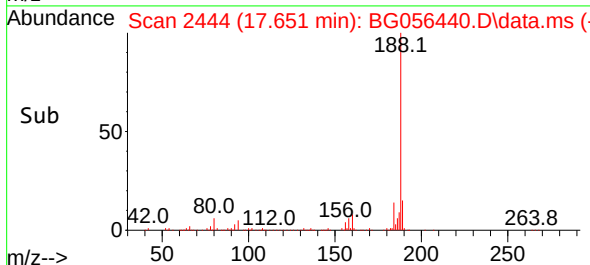
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

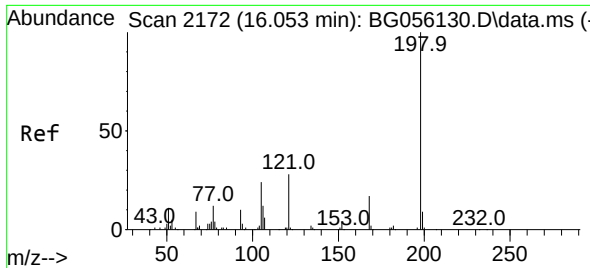


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.651 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



Tgt Ion:188 Resp: 272296
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 5.7 5.0 7.4





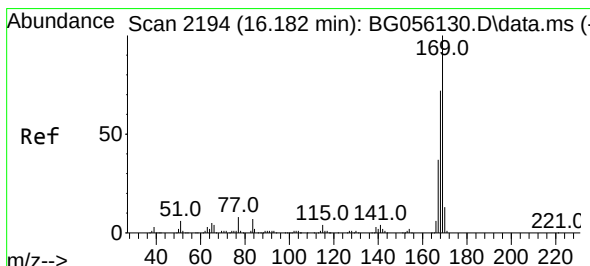
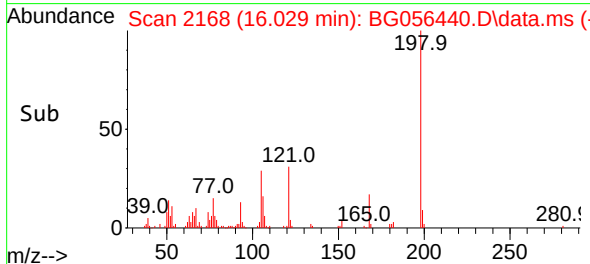
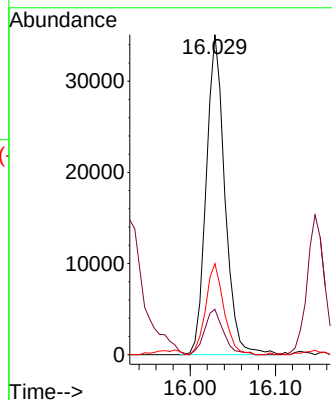
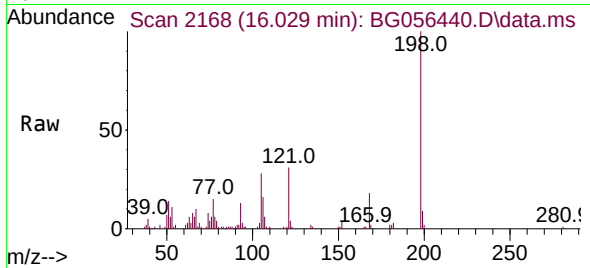
#65
4,6-Dinitro-2-methylphenol
Concen: 28.964 ng
RT: 16.029 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:198 Resp: 53136
Ion Ratio Lower Upper
198 100
51 14.1 0.0 33.2
105 28.4 4.9 44.9

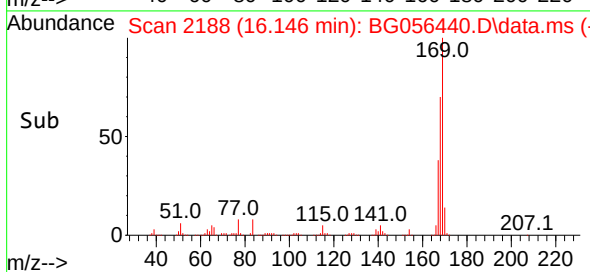
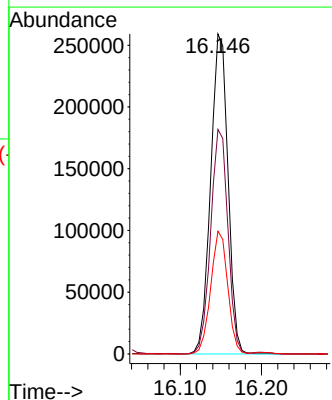
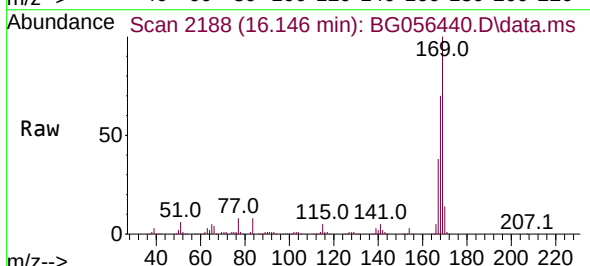
Manual Integrations
APPROVED

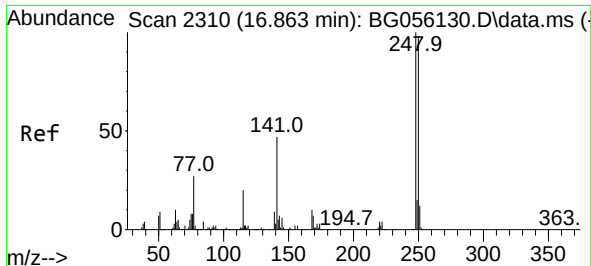
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 50.821 ng
RT: 16.146 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

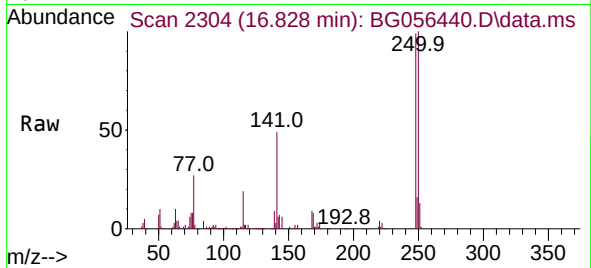
Tgt Ion:169 Resp: 383953
Ion Ratio Lower Upper
169 100
168 70.1 58.0 87.0
167 38.3 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 49.936 ng
RT: 16.828 min Scan# 2310
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

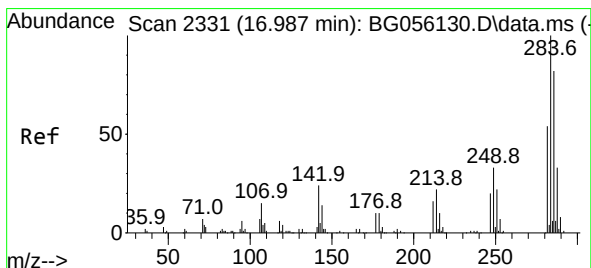
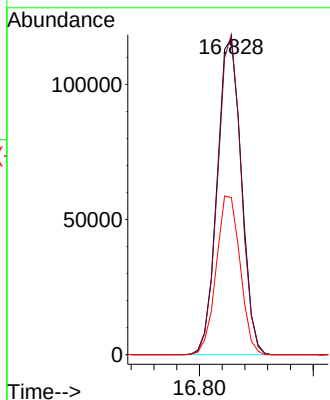
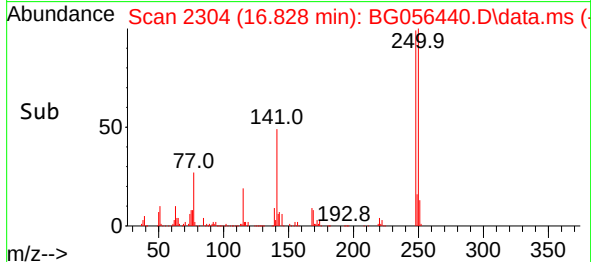
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



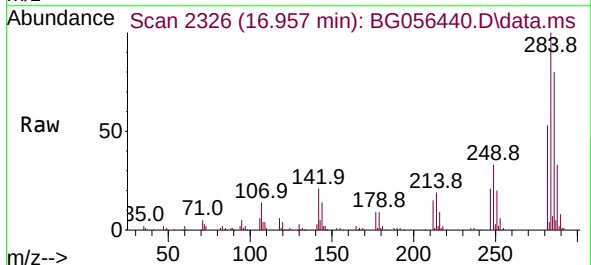
Tgt Ion:248 Resp: 173150
Ion Ratio Lower Upper
248 100
250 101.3 78.2 117.4
141 49.7 37.6 56.4

Manual Integrations
APPROVED

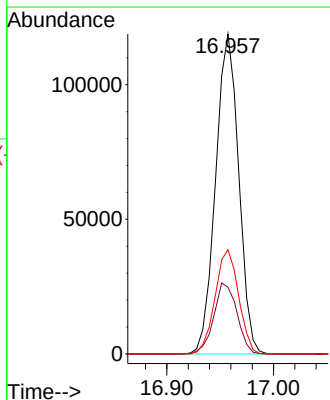
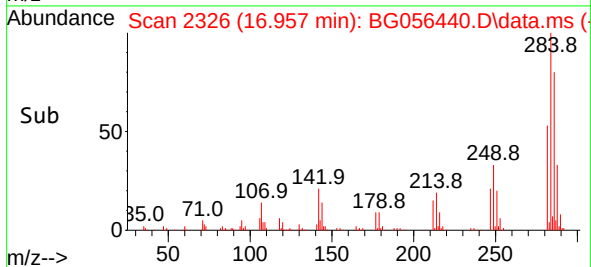
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

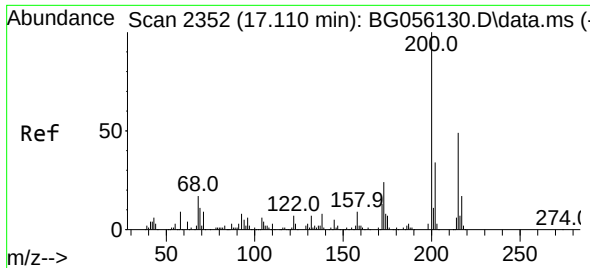


#68
Hexachlorobenzene
Concen: 55.365 ng
RT: 16.957 min Scan# 2326
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



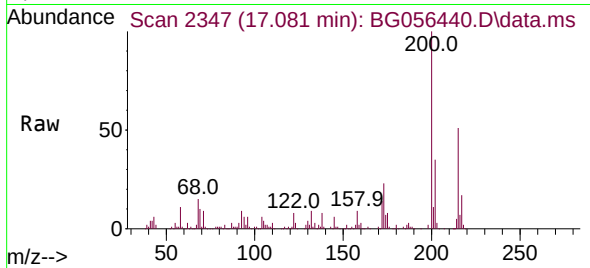
Tgt Ion:284 Resp: 179108
Ion Ratio Lower Upper
284 100
142 20.8 19.0 28.6
249 32.6 26.6 39.8





#69
Atrazine
Concen: 52.767 ng
RT: 17.081 min Scan# 2347
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

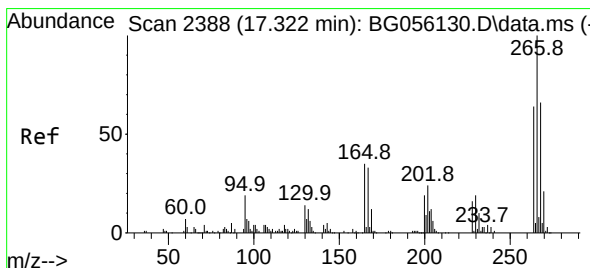
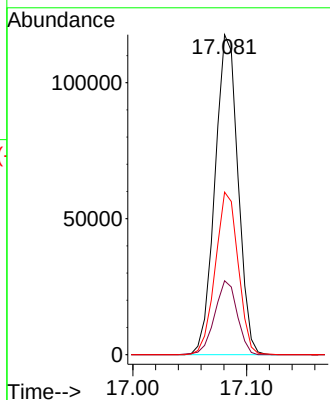
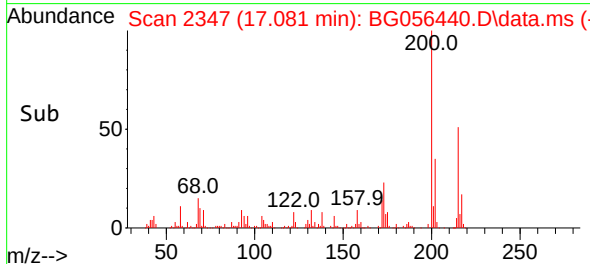
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



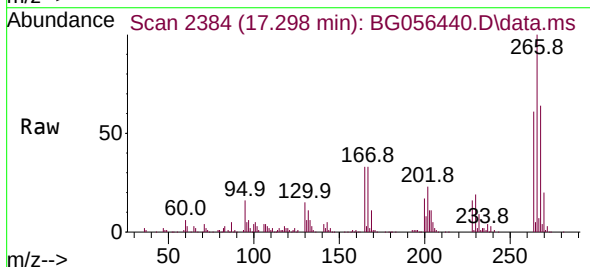
Tgt Ion:200 Resp: 165218
Ion Ratio Lower Upper
200 100
173 23.1 4.0 44.0
215 50.8 29.1 69.1

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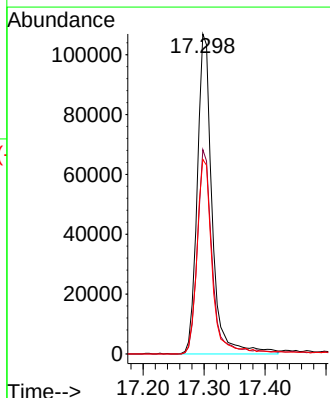
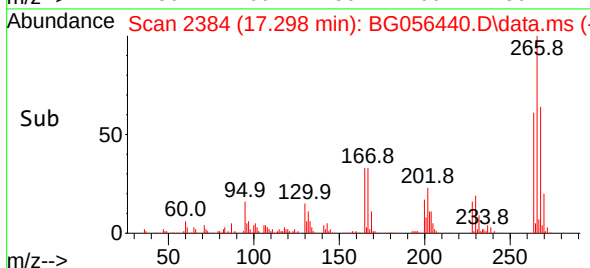
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

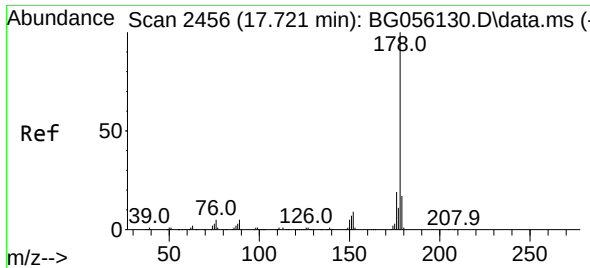


#70
Pentachlorophenol
Concen: 72.948 ng
RT: 17.298 min Scan# 2384
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



Tgt Ion:266 Resp: 181278
Ion Ratio Lower Upper
266 100
268 63.8 53.0 79.4
264 60.8 51.4 77.2





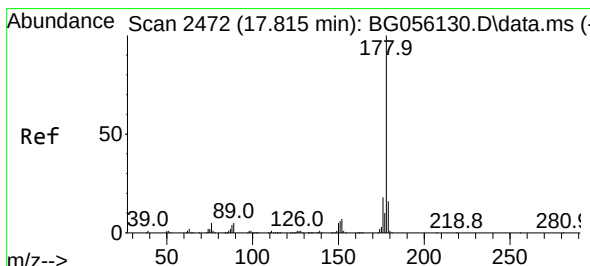
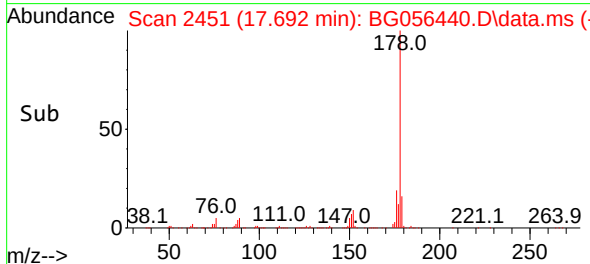
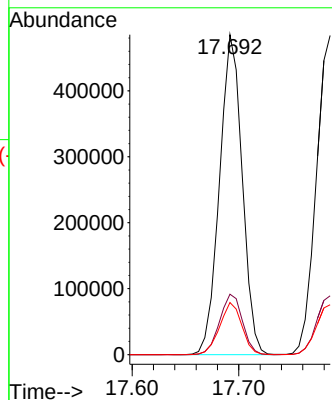
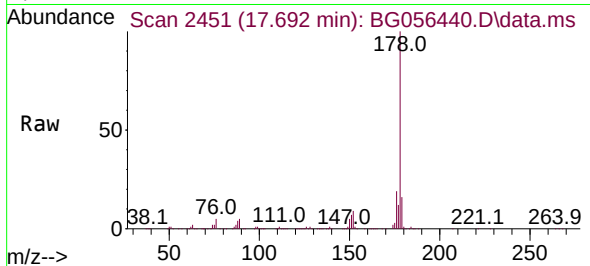
#71
Phenanthrene
Concen: 50.830 ng
RT: 17.692 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Tgt Ion:178 Resp: 71727
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 16.3 13.6 20.4

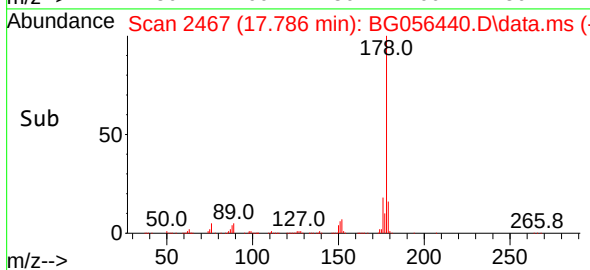
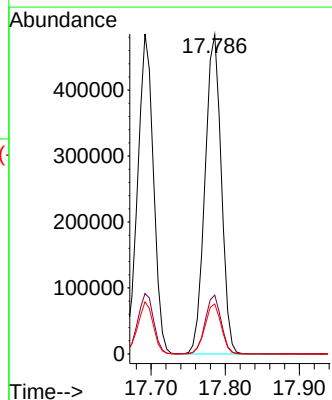
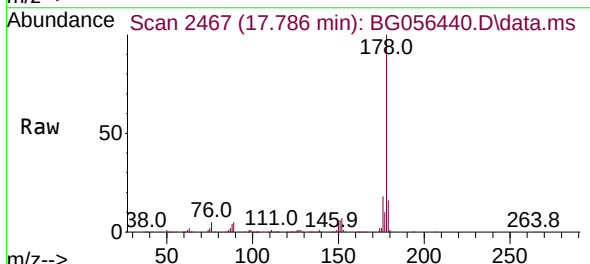
Manual Integrations
APPROVED

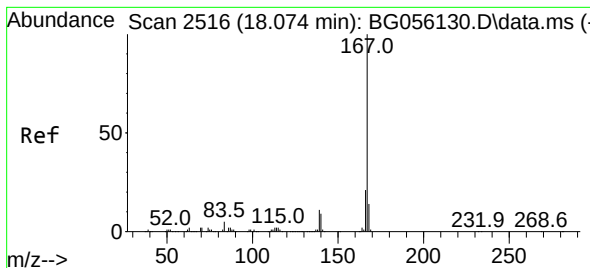
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#72
Anthracene
Concen: 50.585 ng
RT: 17.786 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:178 Resp: 736353
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.6 12.7 19.1





#73

Carbazole

Concen: 52.175 ng

RT: 18.050 min Scan# 2512

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

TP-21MSD

Tgt Ion:167 Resp: 638403

Ion Ratio Lower Upper

167 100

166 22.3 16.8 25.2

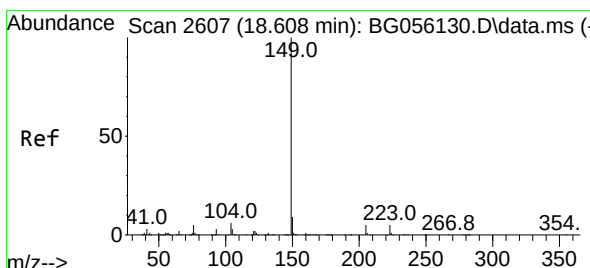
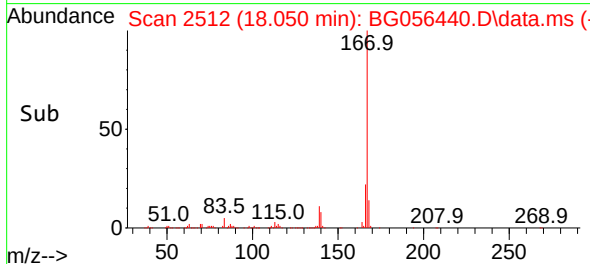
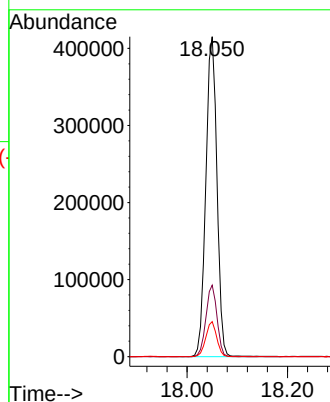
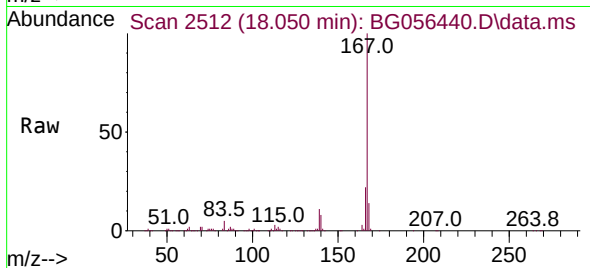
139 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#74

Di-n-butylphthalate

Concen: 54.614 ng

RT: 18.573 min Scan# 2601

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

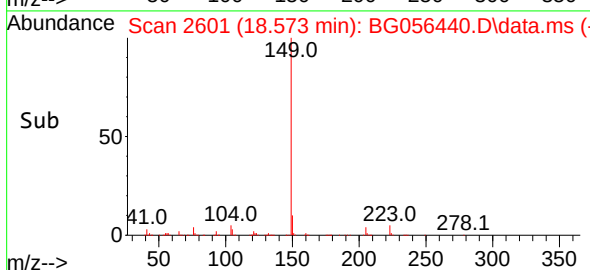
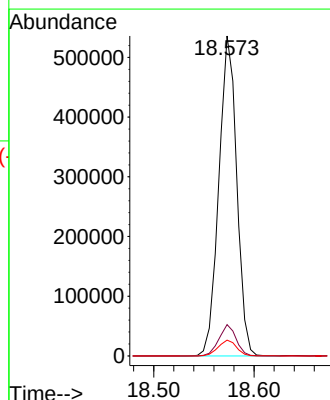
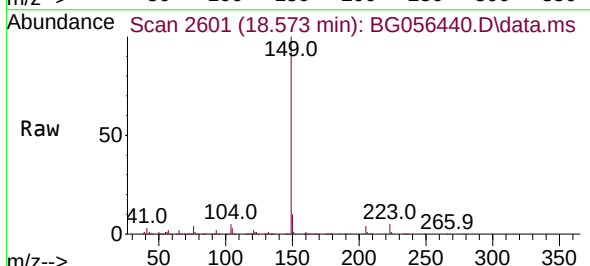
Tgt Ion:149 Resp: 666145

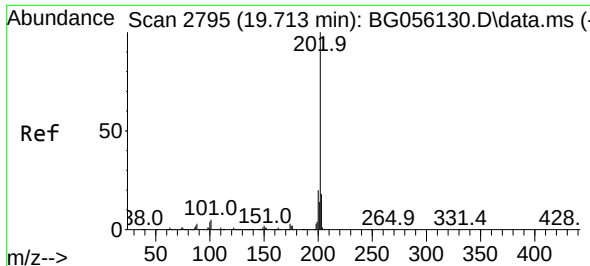
Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

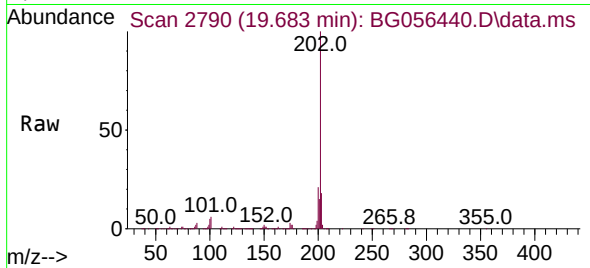
104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 48.478 ng
RT: 19.683 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

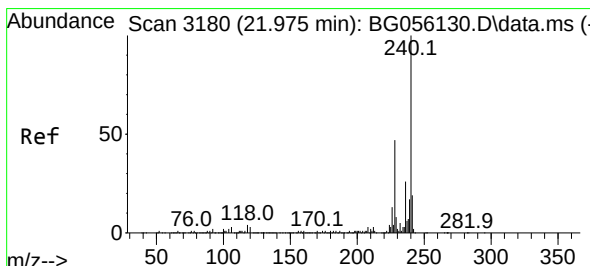
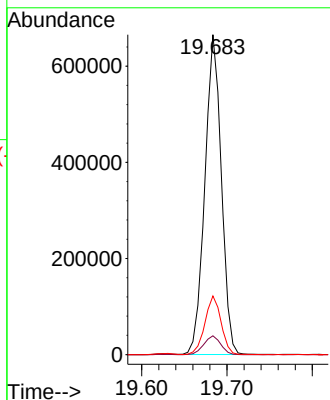
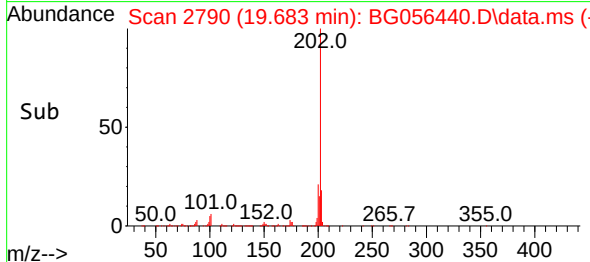
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:202 Resp: 892329
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.0
203 18.3 0.0 38.0

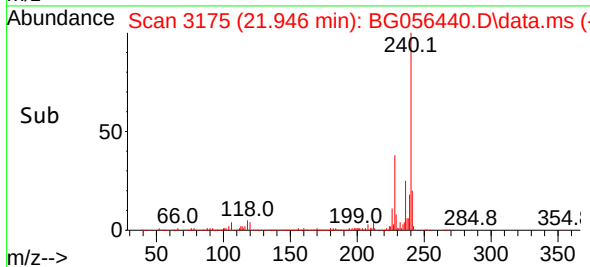
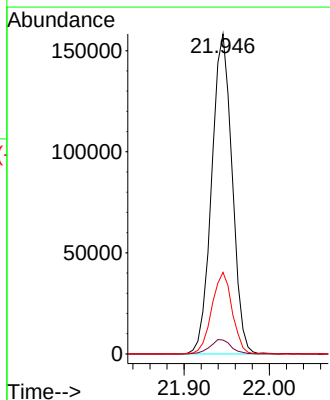
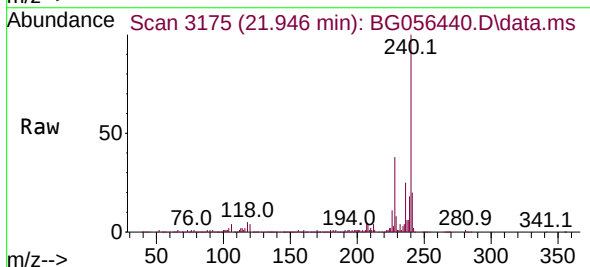
Manual Integrations
APPROVED

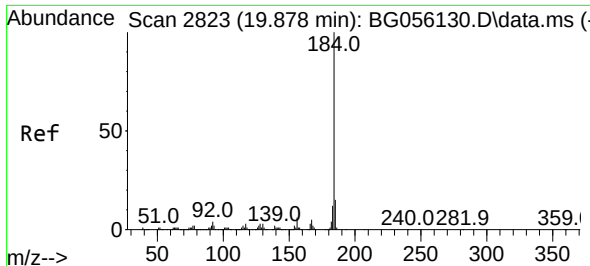
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3175
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

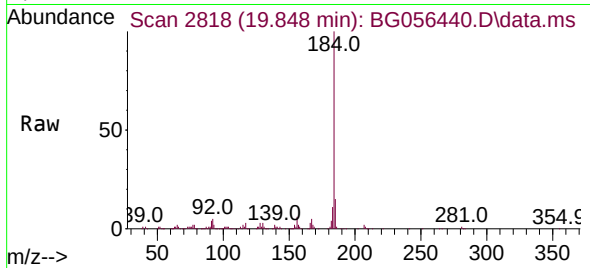
Tgt Ion:240 Resp: 262864
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.5 20.8 31.2





#77
Benzidine
Concen: 15.818 ng
RT: 19.848 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

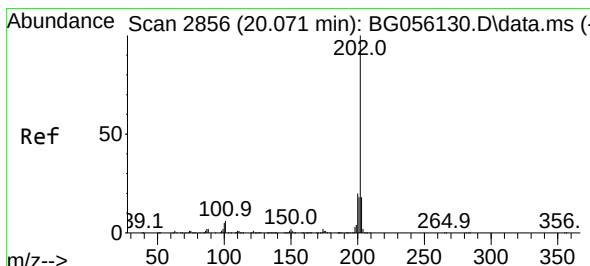
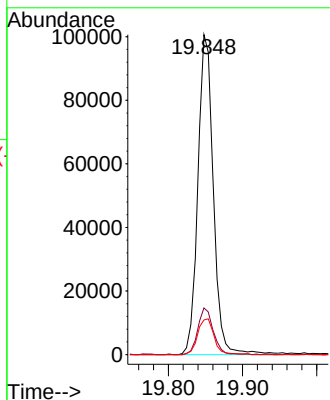
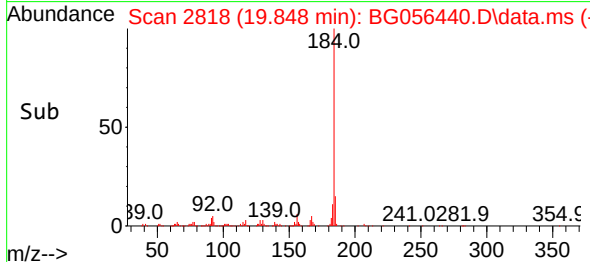
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:184 Resp: 145718
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 10.8 9.4 14.0

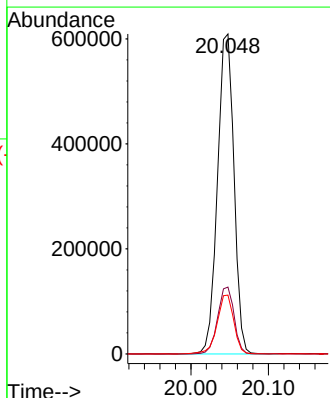
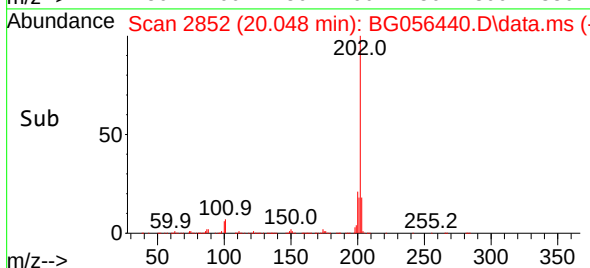
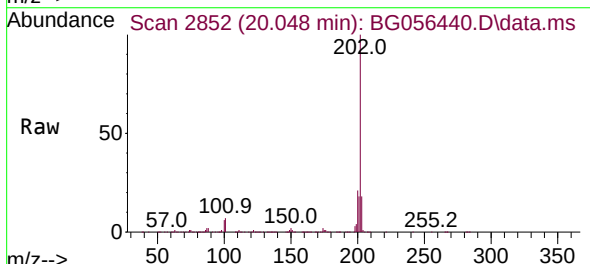
Manual Integrations
APPROVED

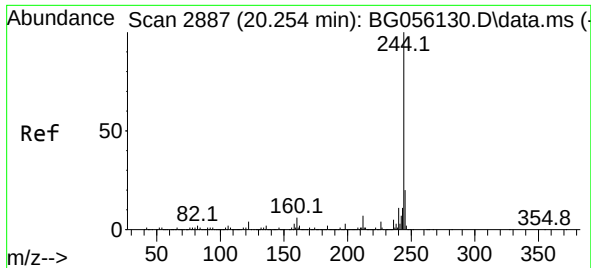
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#78
Pyrene
Concen: 48.727 ng
RT: 20.048 min Scan# 2852
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

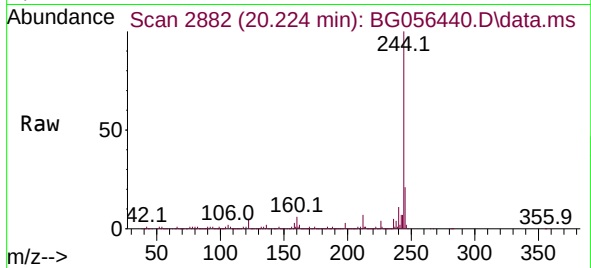
Tgt Ion:202 Resp: 902811
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 18.4 14.3 21.5





#79
Terphenyl-d14
Concen: 102.015 ng
RT: 20.224 min Scan# 2887
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

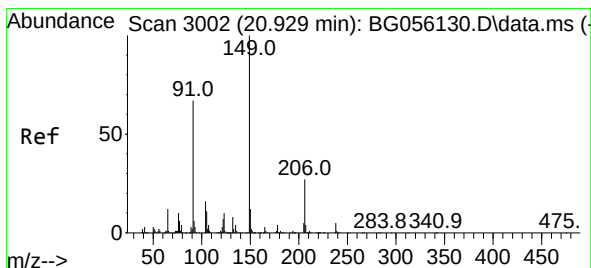
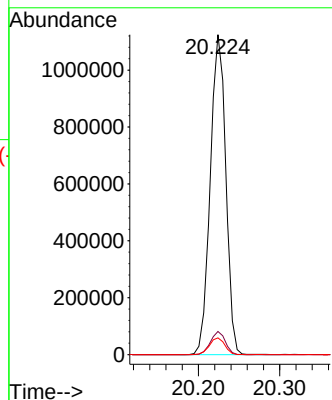
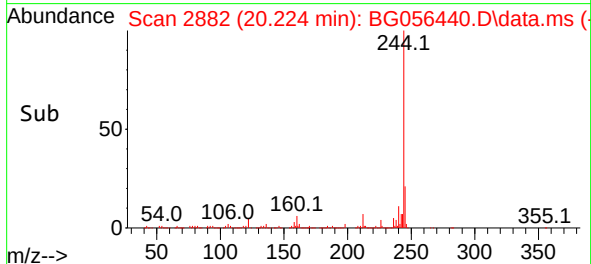
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:244 Resp: 1497222
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 5.2 3.5 5.3

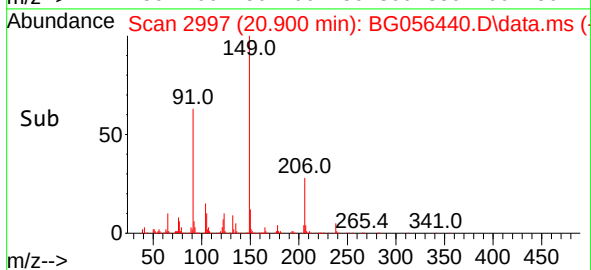
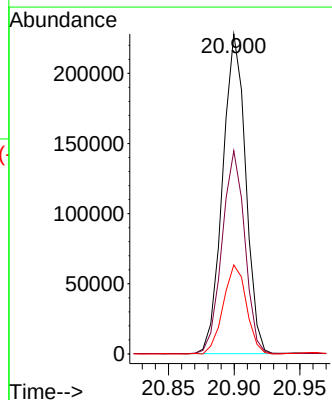
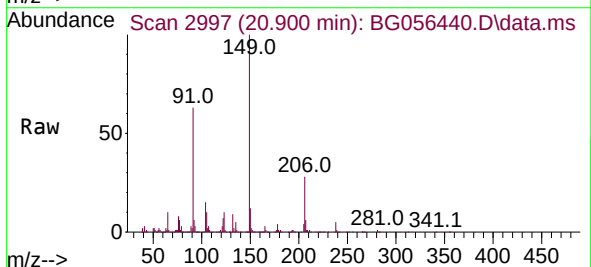
Manual Integrations
APPROVED

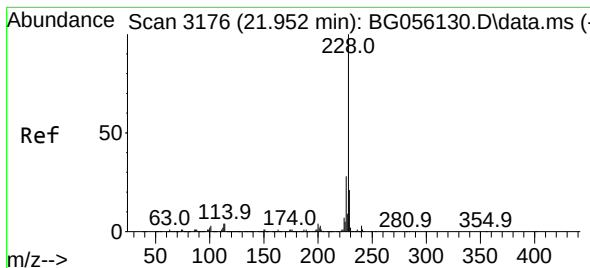
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#80
Butylbenzylphthalate
Concen: 52.459 ng
RT: 20.900 min Scan# 2997
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

Tgt Ion:149 Resp: 278842
Ion Ratio Lower Upper
149 100
91 63.5 53.5 80.3
206 27.8 21.9 32.9





#81

Benzo(a)anthracene

Concen: 48.853 ng

RT: 21.922 min Scan# 3176

Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

Instrument :

BNA_G

ClientSampleId :

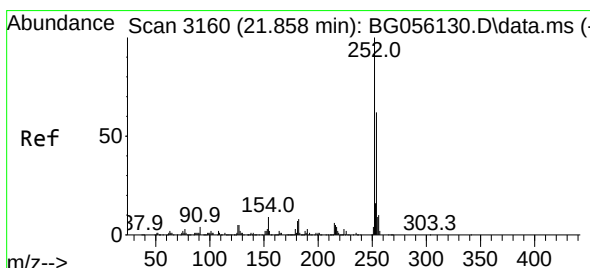
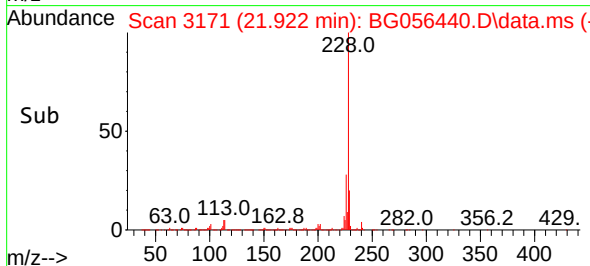
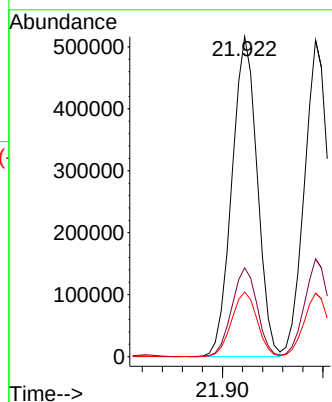
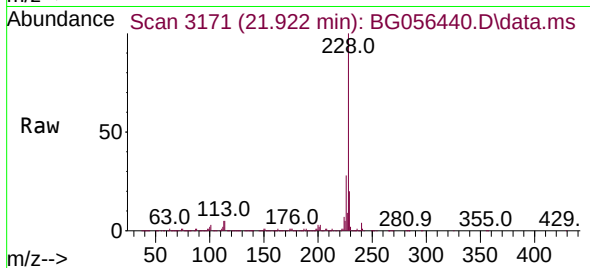
TP-21MSD

Tgt Ion:228 Resp: 901964
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 34.0
 229 20.2 16.9 25.3

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



#82

3,3'-Dichlorobenzidine

Concen: 38.727 ng

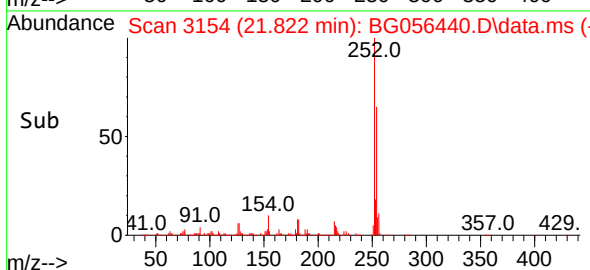
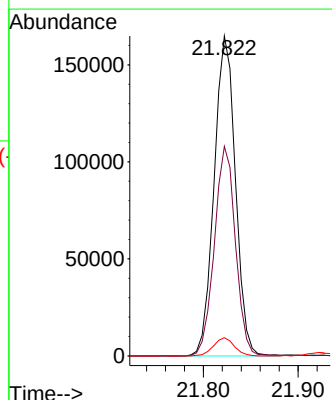
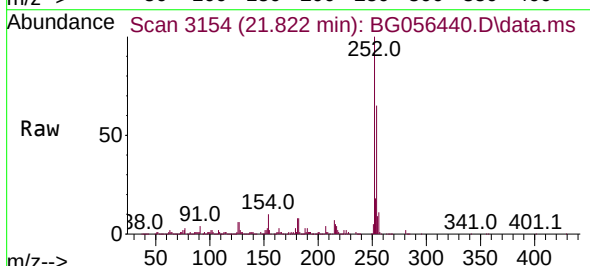
RT: 21.822 min Scan# 3154

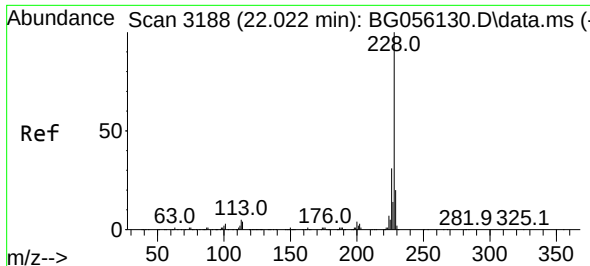
Delta R.T. -0.002 min

Lab File: BG056440.D

Acq: 26 Jan 2023 13:02

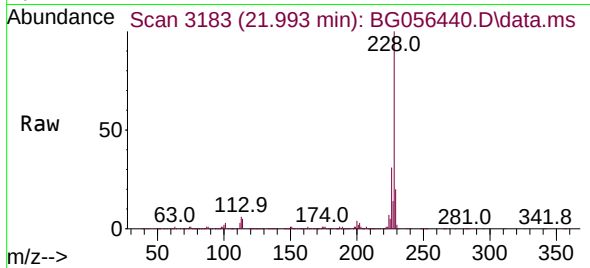
Tgt Ion:252 Resp: 257386
 Ion Ratio Lower Upper
 252 100
 254 65.5 49.5 74.3
 126 5.7 4.0 6.0





#83
Chrysene
Concen: 48.869 ng
RT: 21.993 min Scan# 3188
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

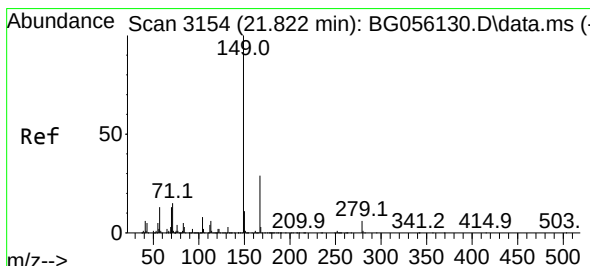
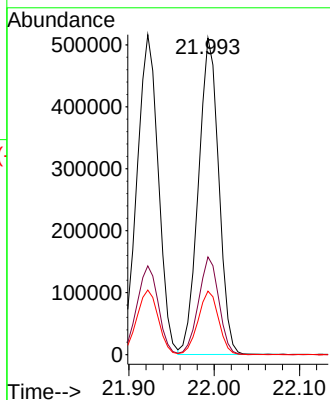
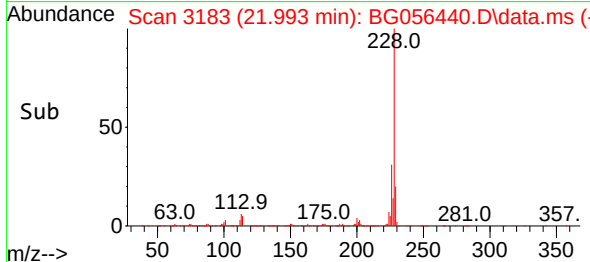
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



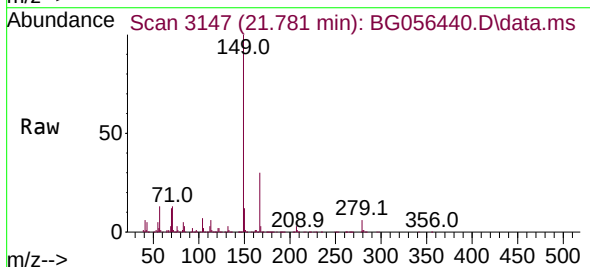
Tgt Ion:228 Resp: 845142
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 20.0 15.8 23.6

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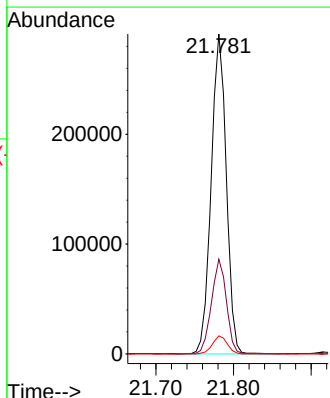
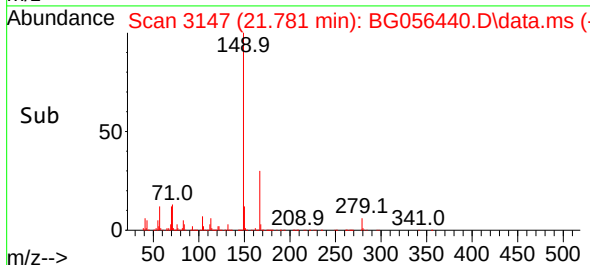
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

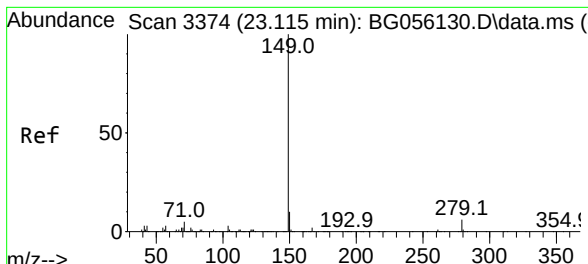


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.614 ng
RT: 21.781 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



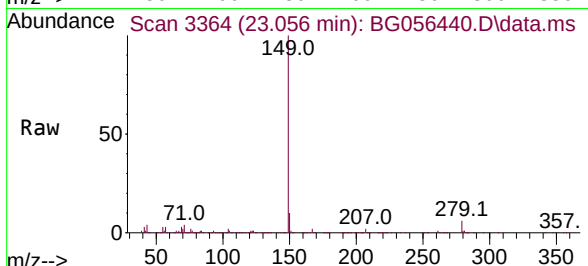
Tgt Ion:149 Resp: 395262
Ion Ratio Lower Upper
149 100
167 29.6 23.4 35.2
279 5.6 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 51.831 ng
RT: 23.056 min Scan# 3374
Delta R.T. -0.002 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

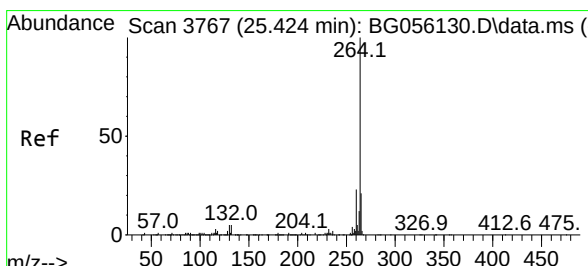
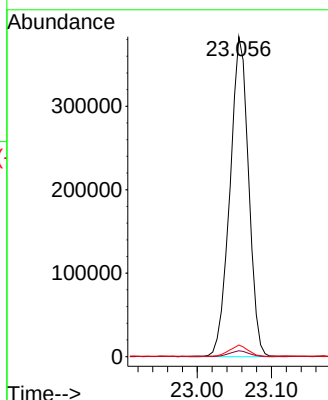
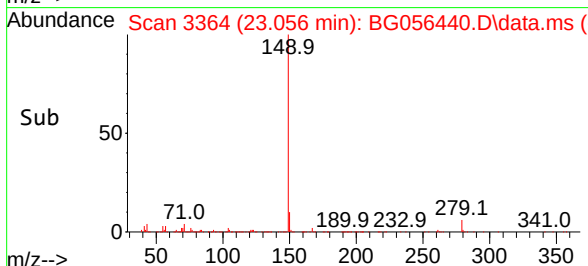
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



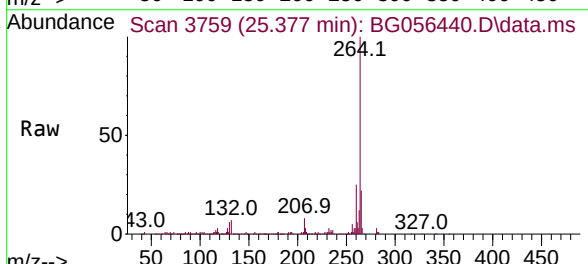
Tgt Ion:149 Resp: 670072
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.5 2.9 4.3

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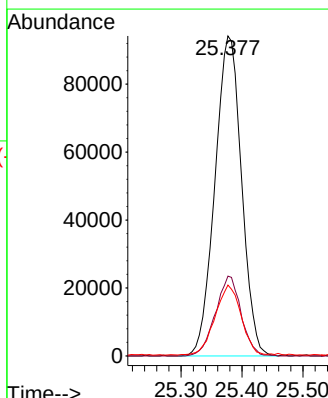
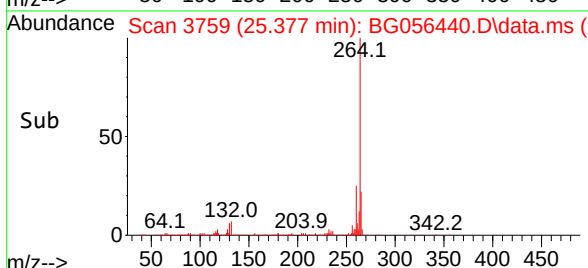
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

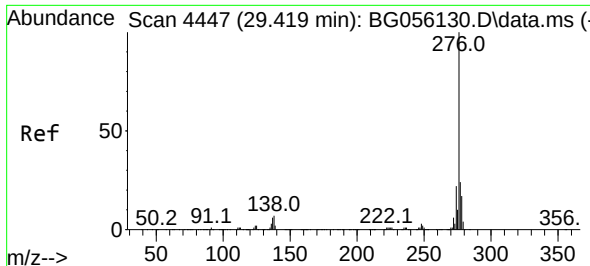


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.377 min Scan# 3759
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



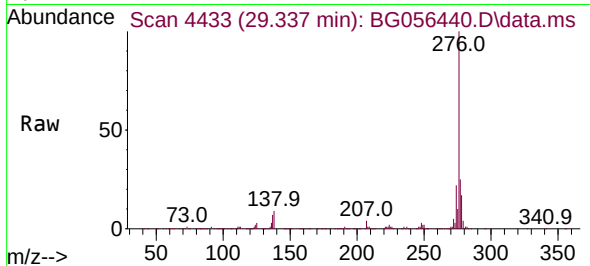
Tgt Ion:264 Resp: 285037
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 22.1 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.941 ng
 RT: 29.337 min Scan# 4447
 Delta R.T. 0.004 min
 Lab File: BG056440.D
 Acq: 26 Jan 2023 13:02

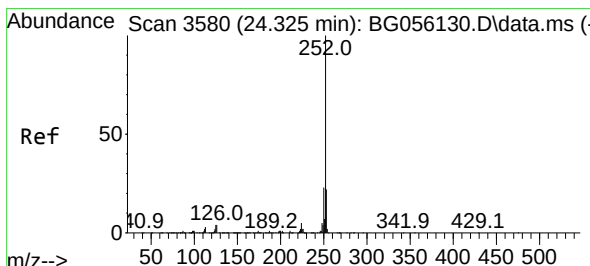
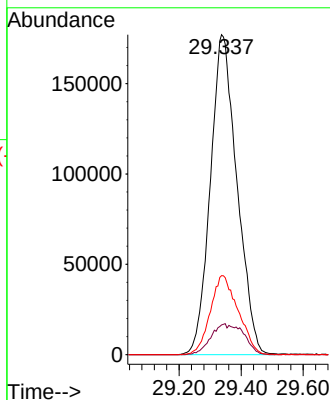
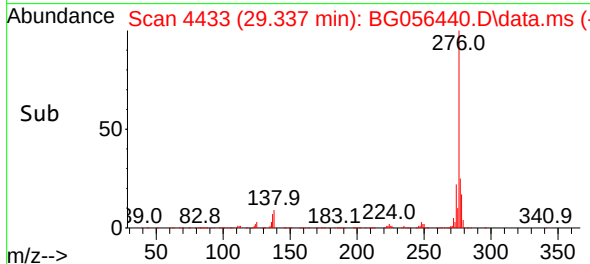
Instrument :
 BNA_G
 ClientSampleId :
 TP-21MSD



Tgt Ion:276 Resp: 1055994
 Ion Ratio Lower Upper
 276 100
 138 11.8 5.0 7.4#
 277 25.8 20.5 30.7

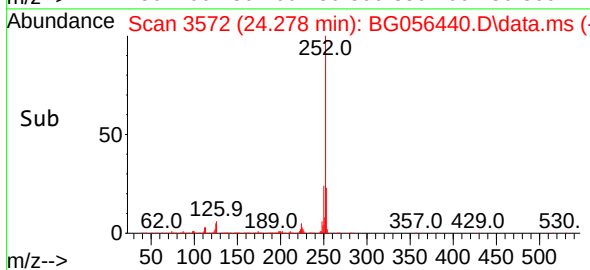
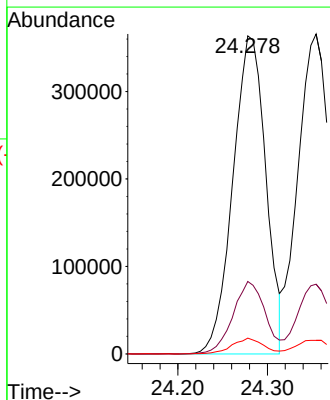
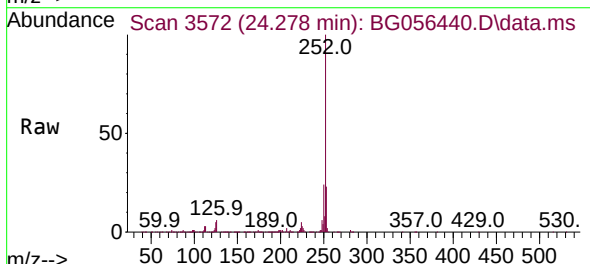
Manual Integrations
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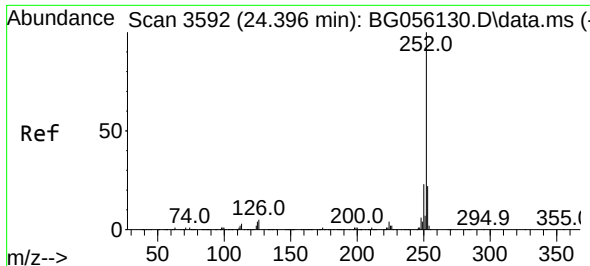
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023



#88
 Benzo(b)fluoranthene
 Concen: 51.389 ng m
 RT: 24.278 min Scan# 3572
 Delta R.T. -0.002 min
 Lab File: BG056440.D
 Acq: 26 Jan 2023 13:02

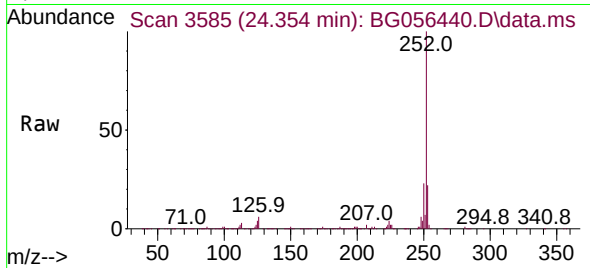
Tgt Ion:252 Resp: 930672
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 5.0 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 51.153 ng
RT: 24.354 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

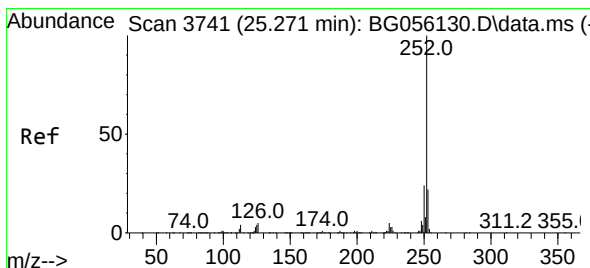
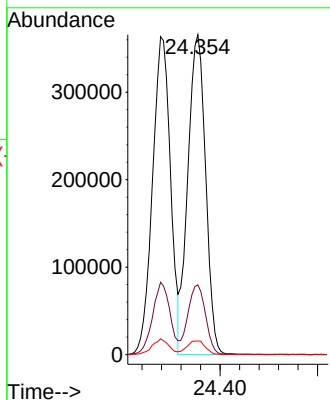
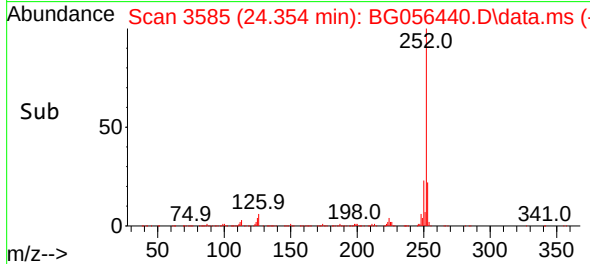
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



Tgt Ion:252 Resp: 922491
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 4.2 3.4 5.0

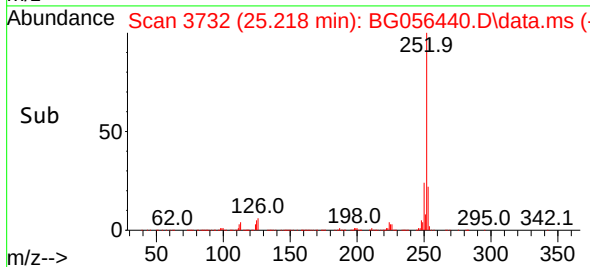
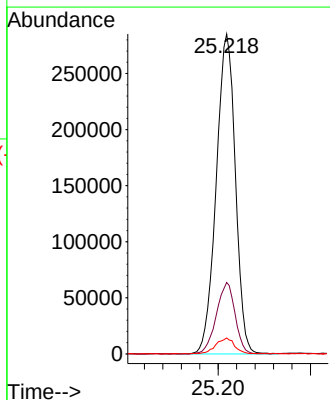
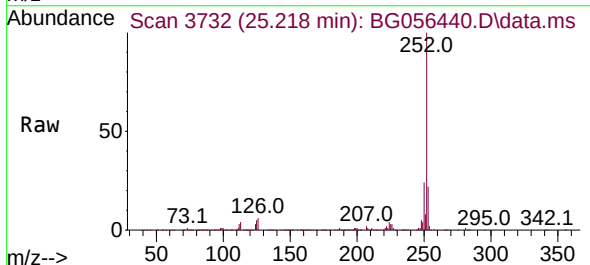
Manual Integrations
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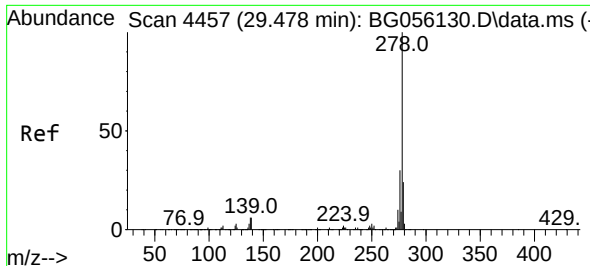
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#90
Benzo(a)pyrene
Concen: 46.660 ng
RT: 25.218 min Scan# 3732
Delta R.T. 0.004 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

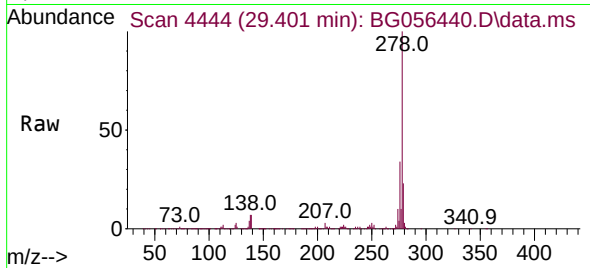
Tgt Ion:252 Resp: 824187
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.0 3.2 4.8





#91
Dibenzo(a,h)anthracene
Concen: 51.598 ng
RT: 29.401 min Scan# 4457
Delta R.T. 0.010 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02

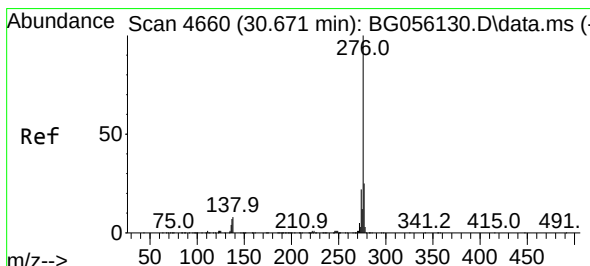
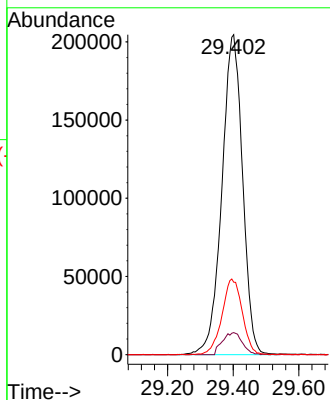
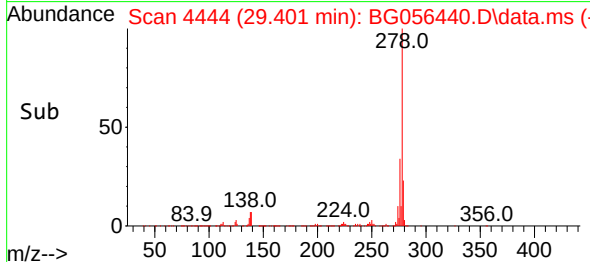
Instrument :
BNA_G
ClientSampleId :
TP-21MSD



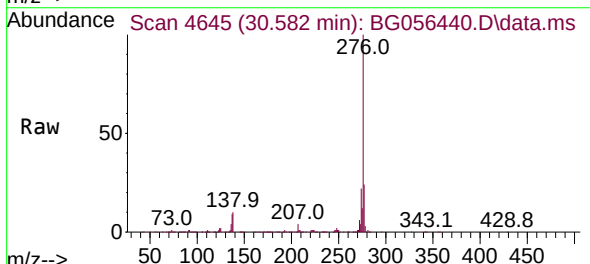
Tgt Ion:278 Resp: 896754
Ion Ratio Lower Upper
278 100
139 6.9 4.8 7.2
279 22.6 19.0 28.4

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: 51.261 ng
RT: 30.582 min Scan# 4645
Delta R.T. 0.010 min
Lab File: BG056440.D
Acq: 26 Jan 2023 13:02



Tgt Ion:276 Resp: 863944
Ion Ratio Lower Upper
276 100
277 24.1 19.7 29.5
138 9.6 6.7 10.1

