

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056556.D
 Acq On : 6 Feb 2023 15:43
 Operator : CG/JU
 Sample : 01442-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-SB02MS

Quant Time: Feb 07 04:33:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	33499	20.000	ng	# 0.00
21) Naphthalene-d8	11.111	136	128191	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	99605	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	269165	20.000	ng	0.00
76) Chrysene-d12	21.928	240	250096	20.000	ng	0.00
86) Perylene-d12	25.353	264	274790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	248385	136.399	ng	0.00
7) Phenol-d6	7.427	99	338337	125.396	ng	0.00
23) Nitrobenzene-d5	9.454	82	173210	76.727	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	167306	126.346	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	537647	74.836	ng	0.00
79) Terphenyl-d14	20.212	244	1058538	74.339	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.591	88	32525	42.894	ng	# 93
3) Pyridine	4.014	79	89297	39.506	ng	97
4) n-Nitrosodimethylamine	3.925	42	20766	43.201	ng	# 79
6) Aniline	7.586	93	94821	26.842	ng	95
8) 2-Chlorophenol	7.833	128	100693	50.334	ng	98
9) Benzaldehyde	7.398	77	56404m	49.347	ng	
10) Phenol	7.451	94	138948	50.668	ng	99
11) bis(2-Chloroethyl)ether	7.674	93	86149	45.704	ng	97
12) 1,3-Dichlorobenzene	8.162	146	115592	50.186	ng	99
13) 1,4-Dichlorobenzene	8.309	146	115407	49.476	ng	98
14) 1,2-Dichlorobenzene	8.632	146	110271	48.725	ng	98
15) Benzyl Alcohol	8.508	79	85346m	46.103	ng	
16) 2,2'-oxybis(1-Chloropr...	8.790	45	19111	47.851	ng	97
17) 2-Methylphenol	8.714	107	96211	46.116	ng	97
18) Hexachloroethane	9.372	117	34649	49.113	ng	99
19) n-Nitroso-di-n-propyla...	9.078	70	65011	41.810	ng	95
20) 3+4-Methylphenols	9.043	107	130923	44.779	ng	95
22) Acetophenone	9.102	105	152669	44.823	ng	97
24) Nitrobenzene	9.495	77	98517	45.243	ng	98
25) Isophorone	10.018	82	192644	41.364	ng	99
26) 2-Nitrophenol	10.212	139	61387	46.464	ng	98
27) 2,4-Dimethylphenol	10.259	122	107748m	48.731	ng	
28) bis(2-Chloroethoxy)met...	10.488	93	113758	44.215	ng	97
29) 2,4-Dichlorophenol	10.753	162	120192	48.293	ng	95
30) 1,2,4-Trichlorobenzene	10.964	180	128411	46.430	ng	98
31) Naphthalene	11.158	128	305791	45.195	ng	99
32) Benzoic acid	10.424	122	64415m	52.072	ng	
33) 4-Chloroaniline	11.264	127	58522	18.530	ng	99
34) Hexachlorobutadiene	11.428	225	89478	46.091	ng	94
35) Caprolactam	12.045	113	37125m	44.229	ng	
36) 4-Chloro-3-methylphenol	12.368	107	114034	47.445	ng	95
37) 2-Methylnaphthalene	12.745	142	233288	41.823	ng	96
38) 1-Methylnaphthalene	12.962	142	215860	41.436	ng	98
40) 1,2,4,5-Tetrachloroben...	13.109	216	170377	46.821	ng	99
41) Hexachlorocyclopentadiene	13.079	237	141682	73.970	ng	96
43) 2,4,6-Trichlorophenol	13.344	196	116637	49.739	ng	100

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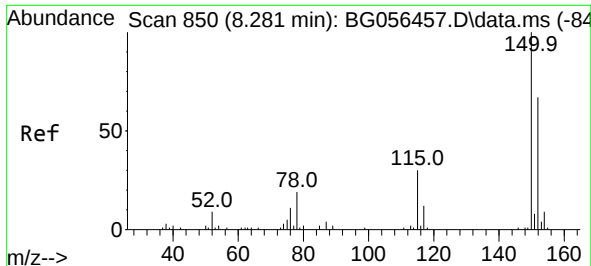
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	124062	45.186	ng	98
46) 1,1'-Biphenyl	13.732	154	337660	46.738	ng	99
47) 2-Chloronaphthalene	13.784	162	269829	47.783	ng	99
48) 2-Nitroaniline	13.984	65	54812	46.954	ng	96
49) Acenaphthylene	14.625	152	422254	45.960	ng	99
50) Dimethylphthalate	14.337	163	361446	44.854	ng	99
51) 2,6-Dinitrotoluene	14.466	165	81437	46.341	ng	99
52) Acenaphthene	14.960	154	248137	45.544	ng	100
53) 3-Nitroaniline	14.801	138	43138	25.320	ng	96
54) 2,4-Dinitrophenol	15.012	184	114457	103.891	ng	96
55) Dibenzofuran	15.294	168	447523	45.802	ng	100
56) 4-Nitrophenol	15.112	139	119735	102.854	ng	95
57) 2,4-Dinitrotoluene	15.253	165	117878	47.621	ng	99
58) Fluorene	15.941	166	359570	46.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.518	232	120794	49.482	ng	99
60) Diethylphthalate	15.688	149	343474	45.392	ng	100
61) 4-Chlorophenyl-phenylether	15.917	204	216207	45.573	ng	94
62) 4-Nitroaniline	15.958	138	78425	46.004	ng	96
63) Azobenzene	16.211	77	300587	57.731	ng	99
65) 4,6-Dinitro-2-methylph...	16.023	198	83486	44.117	ng	96
66) n-Nitrosodiphenylamine	16.135	169	336098	44.102	ng	100
67) 4-Bromophenyl-phenylether	16.810	248	152678	44.309	ng	97
68) Hexachlorobenzene	16.945	284	156219	46.289	ng	97
69) Atrazine	17.069	200	150231	51.098	ng	98
70) Pentachlorophenol	17.286	266	173886	85.151	ng	98
71) Phenanthrene	17.680	178	643778	45.698	ng	99
72) Anthracene	17.768	178	665262	46.003	ng	99
73) Carbazole	18.038	167	581563	47.218	ng	100
74) Di-n-butylphthalate	18.561	149	601713	46.528	ng	99
75) Fluoranthene	19.672	202	802815	45.152	ng	100
77) Benzidine	19.842	184	362605	53.577	ng	99
78) Pyrene	20.036	202	819686	46.083	ng	100
80) Butylbenzylphthalate	20.888	149	247270	45.518	ng	99
81) Benzo(a)anthracene	21.910	228	797799	45.629	ng	99
82) 3,3'-Dichlorobenzidine	21.804	252	172856	27.453	ng	98
83) Chrysene	21.981	228	747618	45.513	ng	99
84) Bis(2-ethylhexyl)phtha...	21.763	149	351777	45.167	ng	99
85) Di-n-octyl phthalate	23.032	149	595118	45.883	ng	100
87) Indeno(1,2,3-cd)pyrene	29.313	276	946110	47.035	ng	# 94
88) Benzo(b)fluoranthene	24.260	252	823661	48.292	ng	100
89) Benzo(k)fluoranthene	24.331	252	802232	46.586	ng	100
90) Benzo(a)pyrene	25.195	252	730760	43.495	ng	97
91) Dibenzo(a,h)anthracene	29.360	278	801854	47.491	ng	100
92) Benzo(g,h,i)perylene	30.547	276	765388	46.980	ng	99

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

Manual Integrations

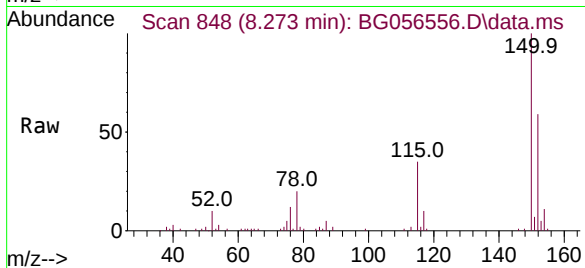
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

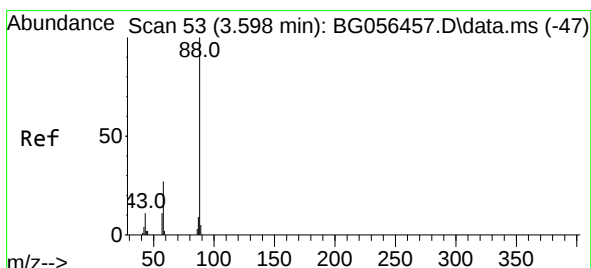
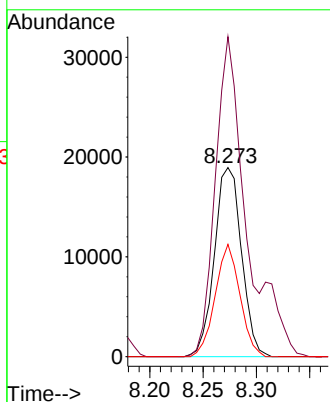
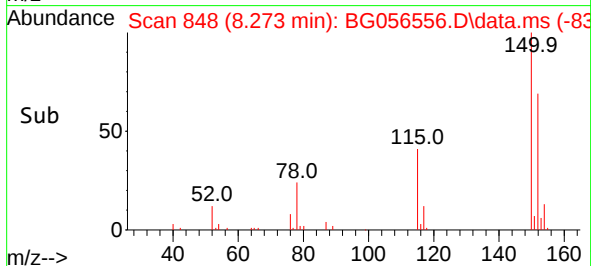
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



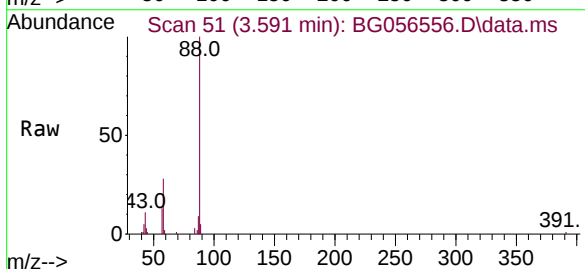
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Ion Ratio Lower Upper
152 100
150 169.3 120.2 180.4
115 59.4 36.3 54.5

Manual Integrations
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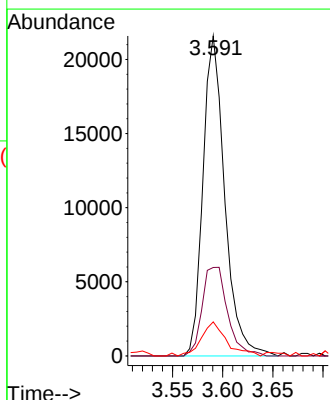
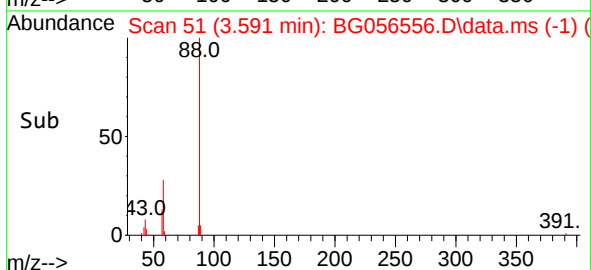
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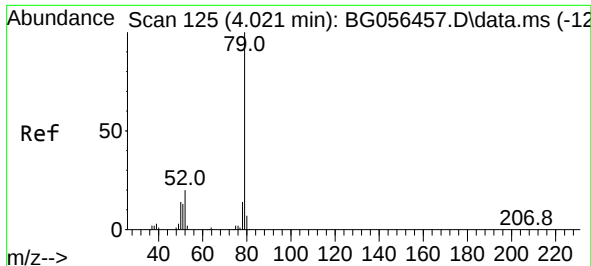


#2
1,4-Dioxane
Concen: 42.894 ng
RT: 3.591 min Scan# 51
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



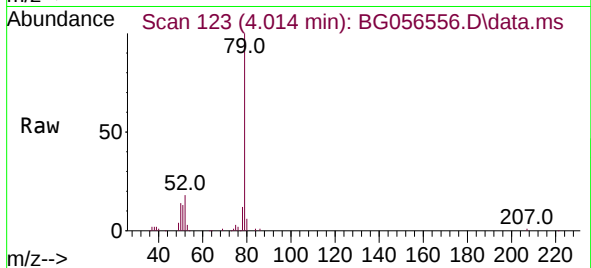
Tgt Ion: 88 Resp: 32525
Ion Ratio Lower Upper
88 100
58 32.3 23.0 34.4
43 12.3 8.0 12.0





#3
Pyridine
Concen: 39.506 ng
RT: 4.014 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

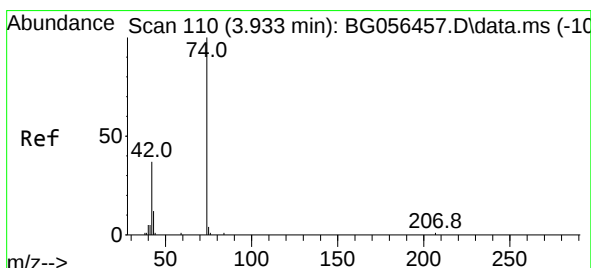
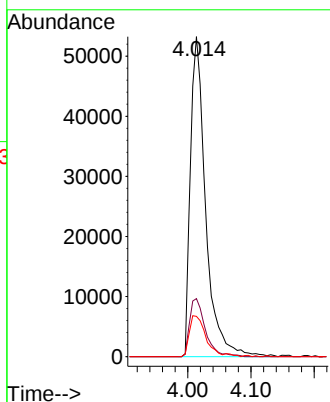
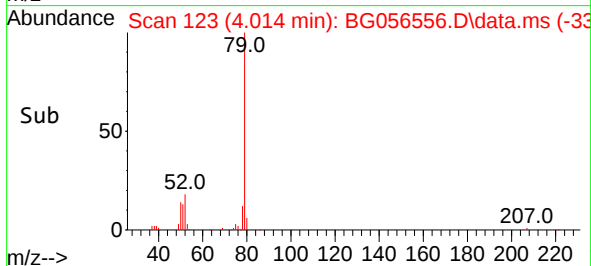
Instrument :
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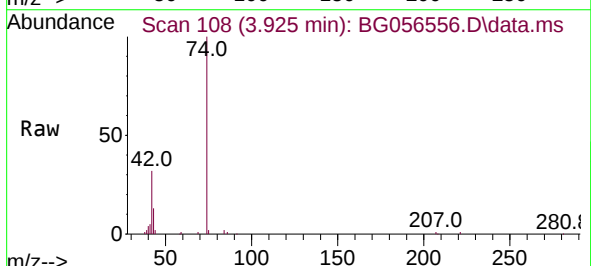
Tgt Ion: 79 Resp: 8929
Ion Ratio Lower Upper
79 100
52 18.1 16.1 24.1
51 12.6 10.7 16.1

Manual Integrations
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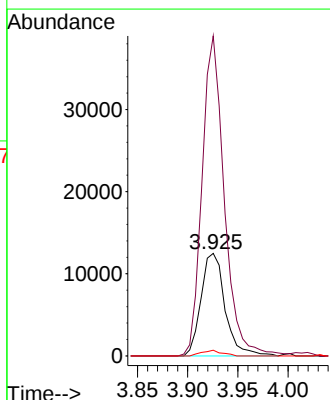
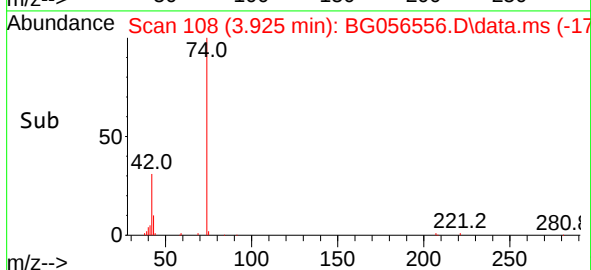
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#4
n-Nitrosodimethylamine
Concen: 43.201 ng
RT: 3.925 min Scan# 108
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion: 42 Resp: 20766
Ion Ratio Lower Upper
42 100
74 312.2 217.9 326.9
44 5.6 3.0 4.6





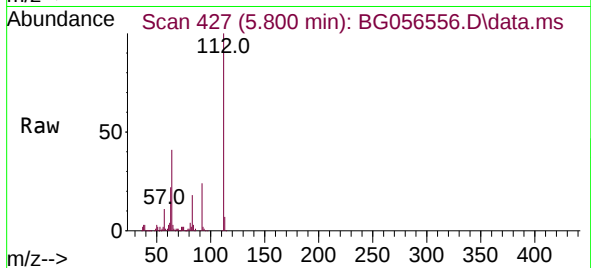
#5
2-Fluorophenol
Concen: 136.399 ng
RT: 5.800 min Scan# 428
Delta R.T. 0.010 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

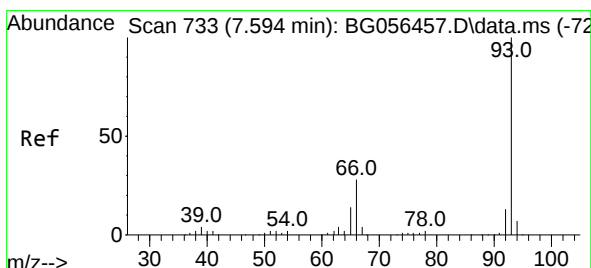
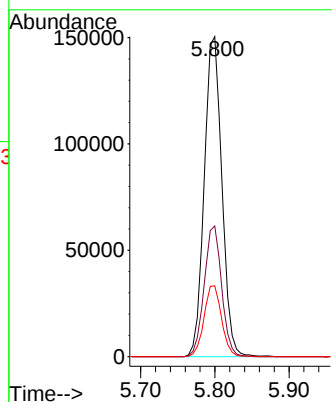


Tgt Ion: 112 Resp: 248385
Ion Ratio Lower Upper
112 100
64 40.8 31.9 47.9
63 22.1 17.4 26.0

Manual Integrations

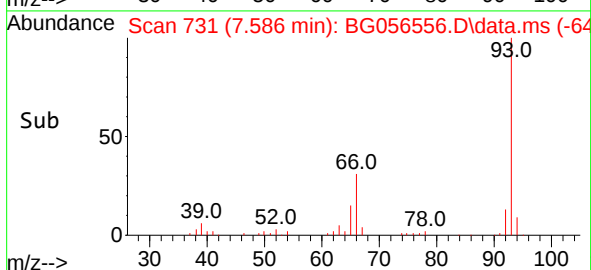
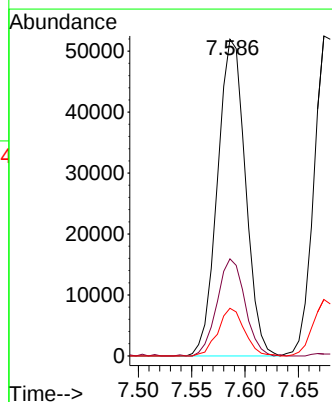
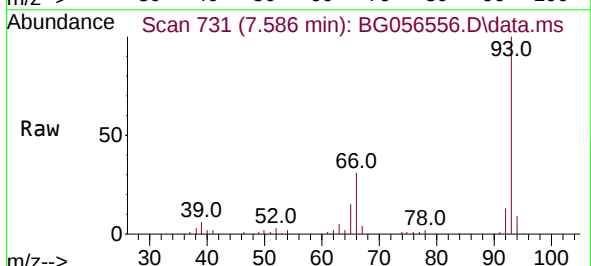
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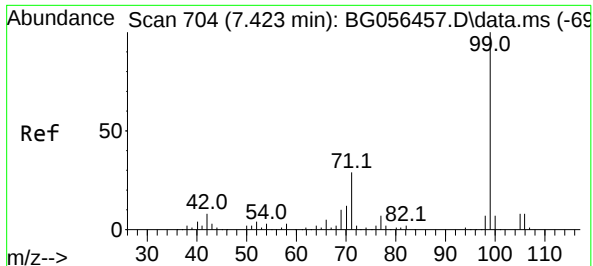
Reviewed By :Christian Giraldo 02/07/2023
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#6
Aniline
Concen: 26.842 ng
RT: 7.586 min Scan# 731
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

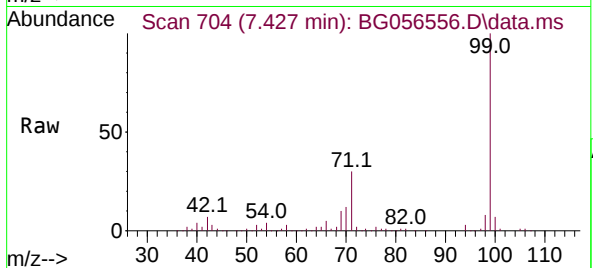
Tgt Ion: 93 Resp: 94821
Ion Ratio Lower Upper
93 100
66 30.7 22.2 33.2
65 15.1 11.3 16.9





#7
Phenol-d6
Concen: 125.396 ng
RT: 7.427 min Scan# 704
Delta R.T. 0.010 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

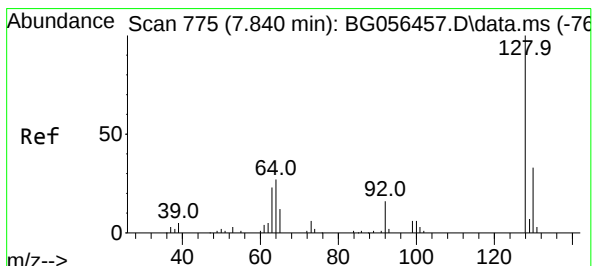
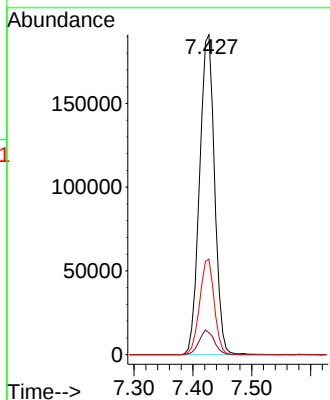
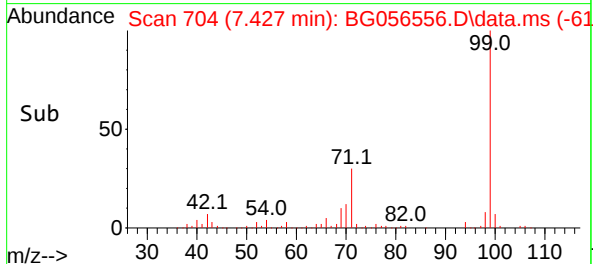
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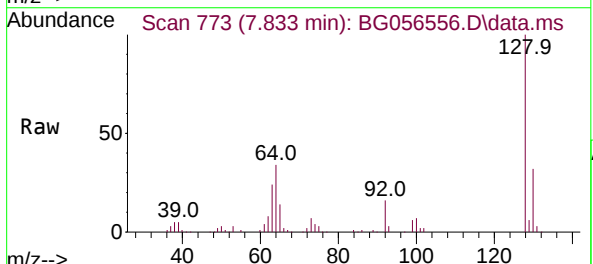
Tgt Ion: 99 Resp: 33833
Ion Ratio Lower Upper
99 100
42 6.9 6.6 10.0
71 29.8 23.4 35.0

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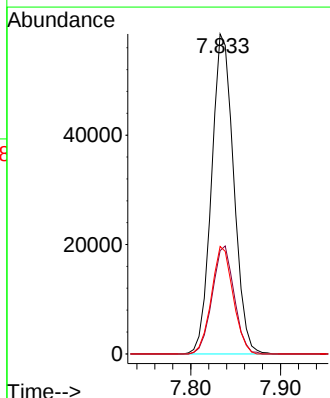
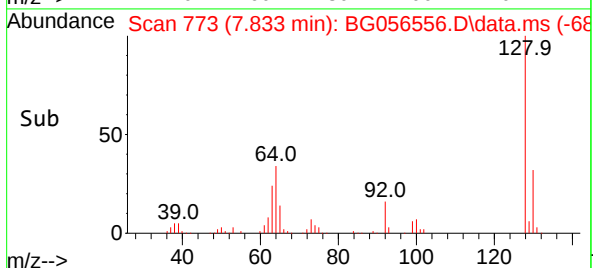
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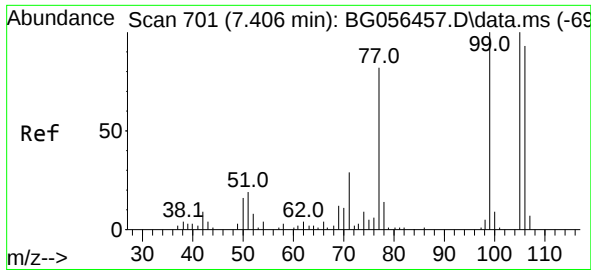


#8
2-Chlorophenol
Concen: 50.334 ng
RT: 7.833 min Scan# 773
Delta R.T. -0.002 min
Lab File: BG056556.D
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Tgt Ion:128 Resp: 100693
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 33.6 11.3 51.3





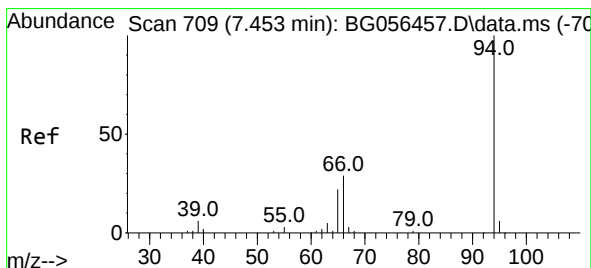
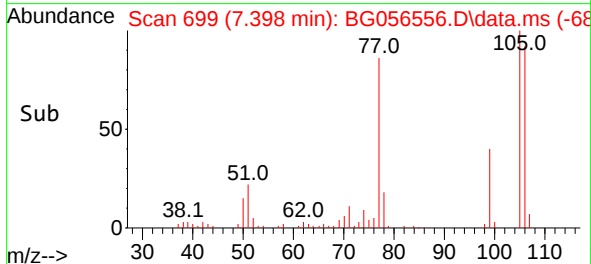
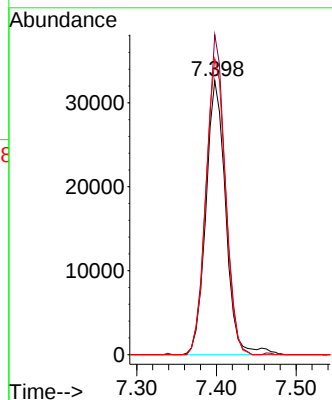
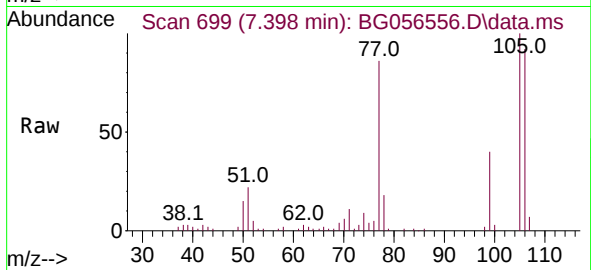
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Benzaldehyde
Concen: 49.347 ng m
RT: 7.398 min Scan# 69
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :
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B-01-SB02MS

Tgt Ion: 77 Resp: 56404
Ion Ratio Lower Upper
77 100
105 116.8 101.8 141.8
106 108.0 93.0 133.0

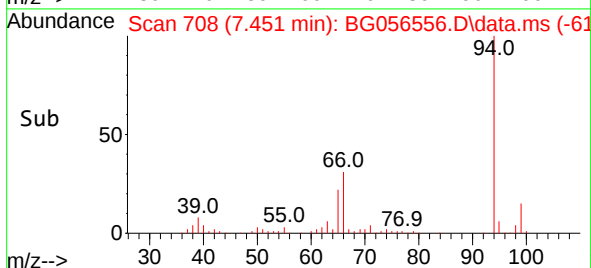
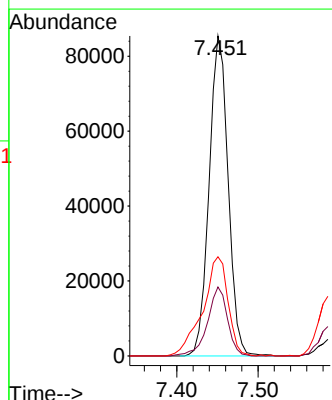
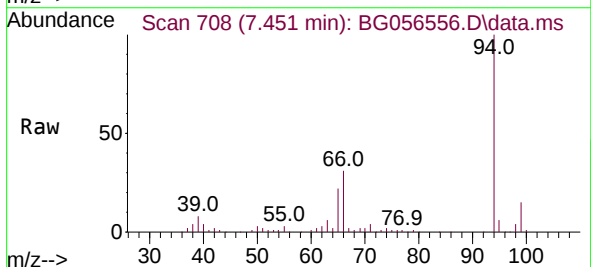
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#10
Phenol
Concen: 50.668 ng
RT: 7.451 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion: 94 Resp: 138948
Ion Ratio Lower Upper
94 100
65 21.5 2.3 42.3
66 31.0 11.2 51.2





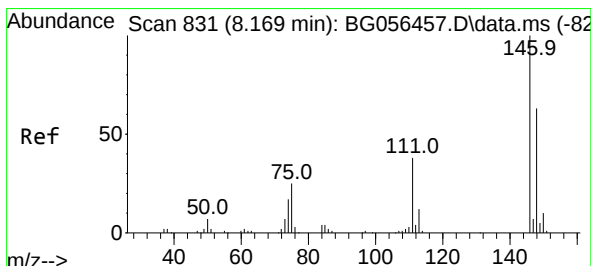
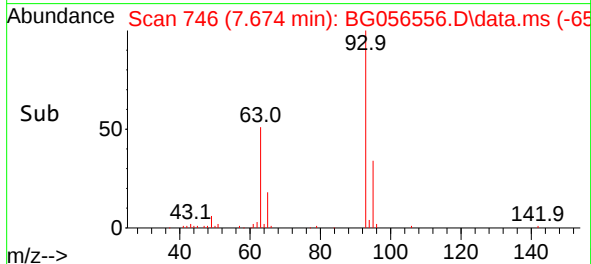
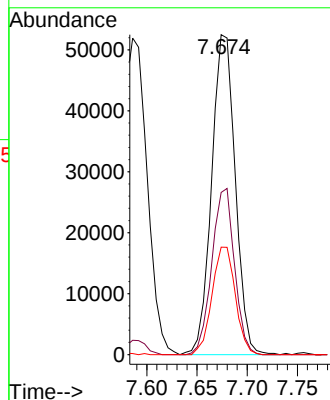
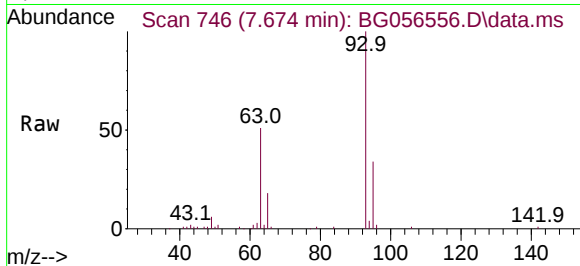
#11
bis(2-Chloroethyl)ether
Concen: 45.704 ng
RT: 7.674 min Scan# 748
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS

Tgt Ion: 93 Resp: 86149
Ion Ratio Lower Upper
93 100
63 50.7 32.4 72.4
95 33.6 11.8 51.8

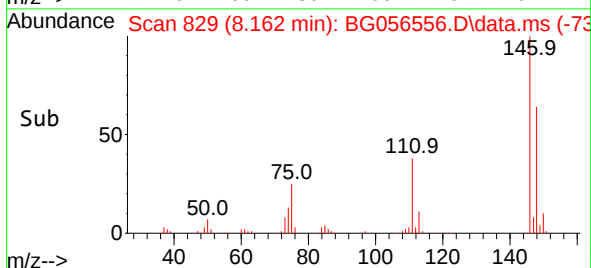
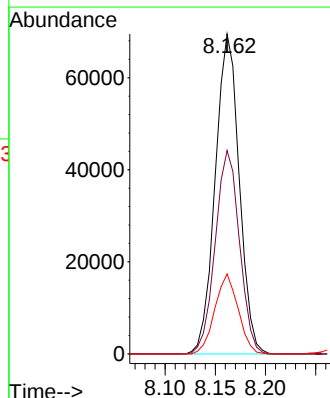
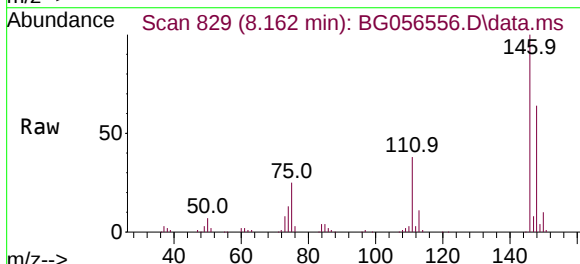
Manual Integrations
APPROVED

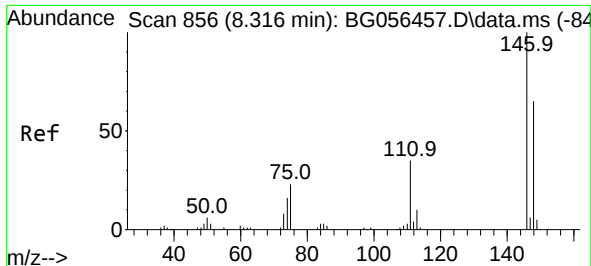
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#12
1,3-Dichlorobenzene
Concen: 50.186 ng
RT: 8.162 min Scan# 829
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:146 Resp: 115592
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 25.0 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.476 ng

RT: 8.309 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion:146 Resp: 11540

Ion Ratio Lower Upper

146 100

148 66.2 51.8 77.6

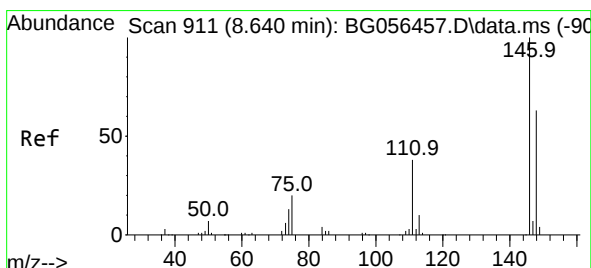
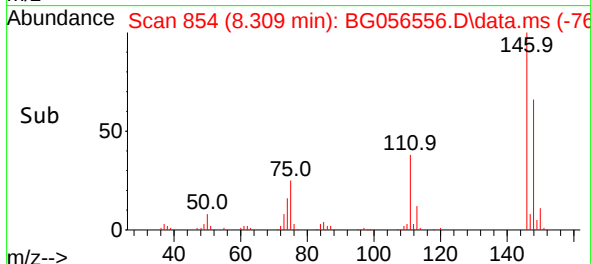
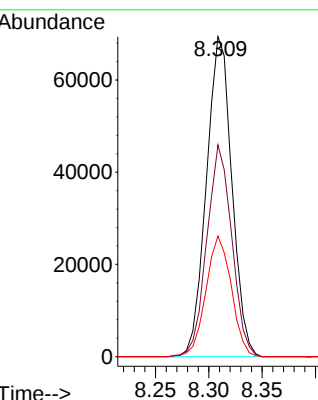
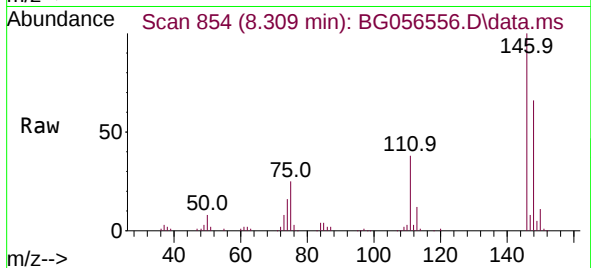
111 37.7 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#14

1,2-Dichlorobenzene

Concen: 48.725 ng

RT: 8.632 min Scan# 909

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

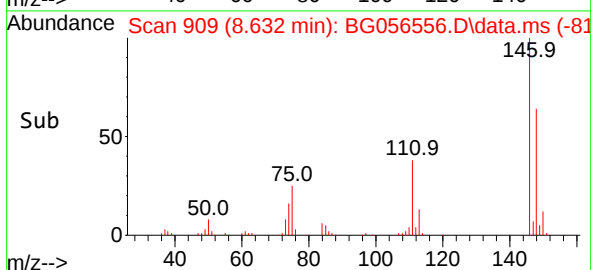
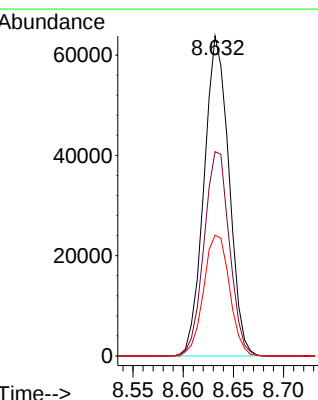
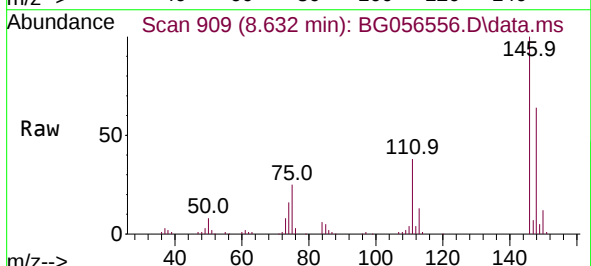
Tgt Ion:146 Resp: 110271

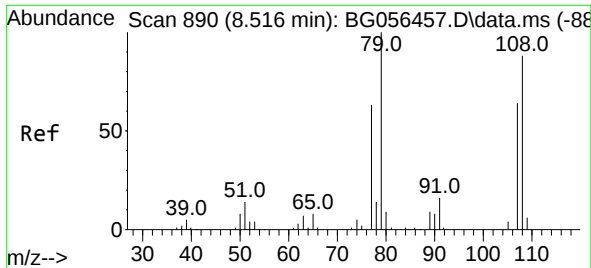
Ion Ratio Lower Upper

146 100

148 63.8 50.1 75.1

111 37.7 30.9 46.3





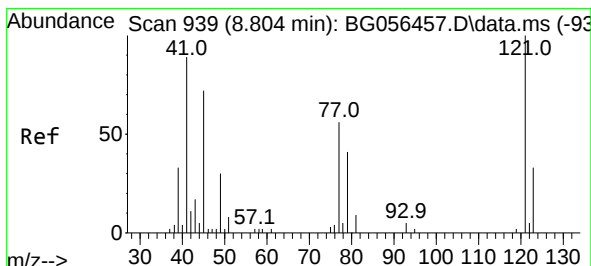
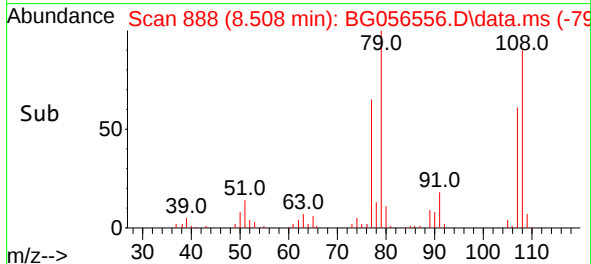
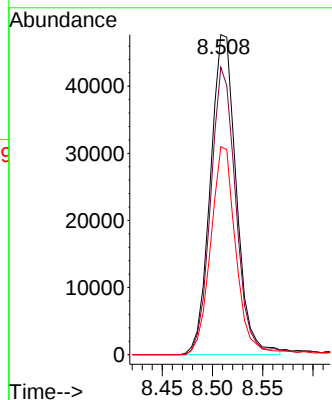
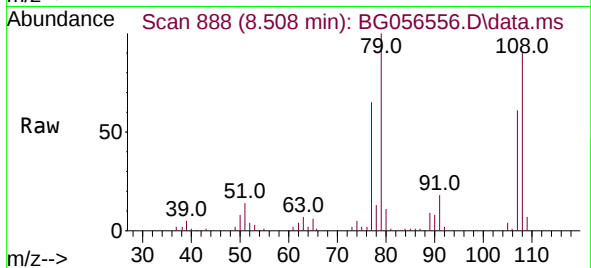
#15
Benzyl Alcohol
Concen: 46.103 ng m
RT: 8.508 min Scan# 888
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS

Tgt Ion: 79 Resp: 85346
Ion Ratio Lower Upper
79 100
108 89.8 70.1 105.1
77 65.0 50.3 75.5

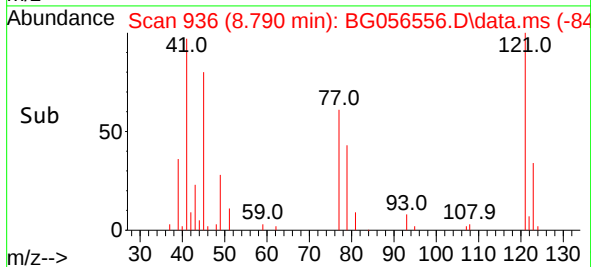
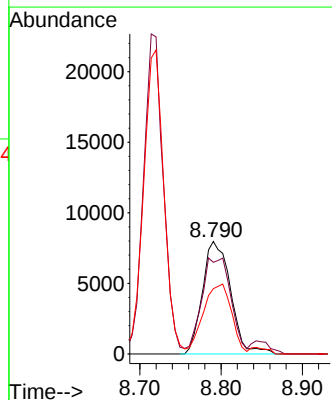
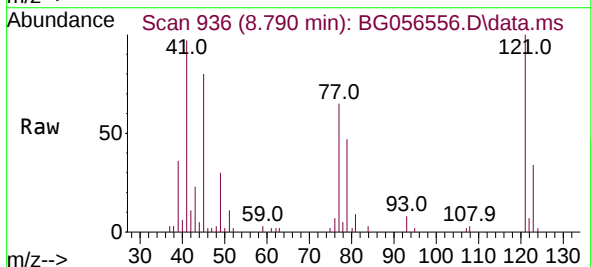
Manual Integrations
APPROVED

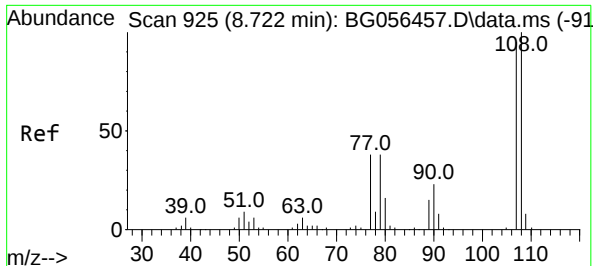
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.851 ng
RT: 8.790 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion: 45 Resp: 19111
Ion Ratio Lower Upper
45 100
77 81.5 62.1 102.1
79 58.1 42.7 82.7





#17
2-Methylphenol
Concen: 46.116 ng
RT: 8.714 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

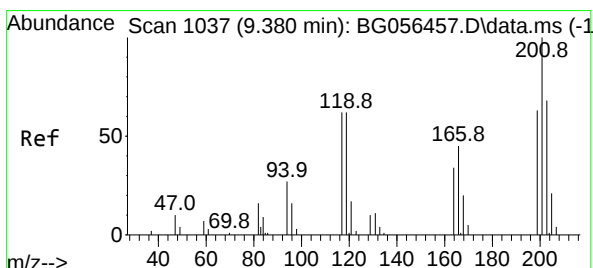
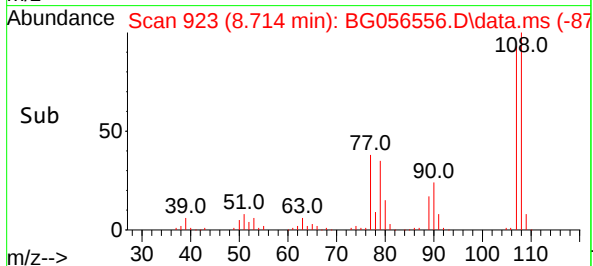
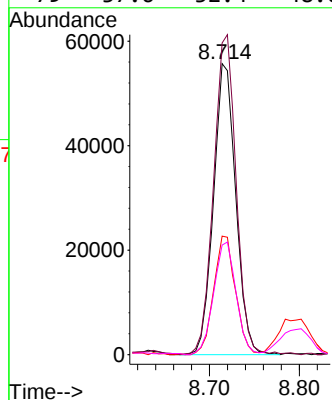
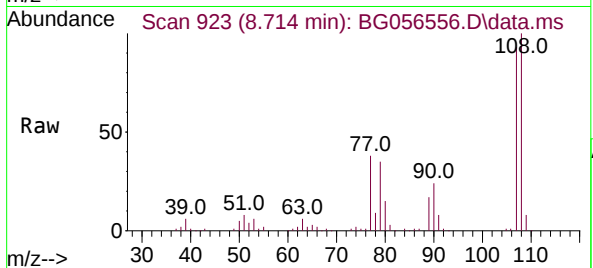
B-01-SB02MS

Tgt Ion:107 Resp: 9621
Ion Ratio Lower Upper
107 100
108 107.1 83.9 125.9
77 40.7 31.6 47.4
79 37.6 32.4 48.6

Manual Integrations

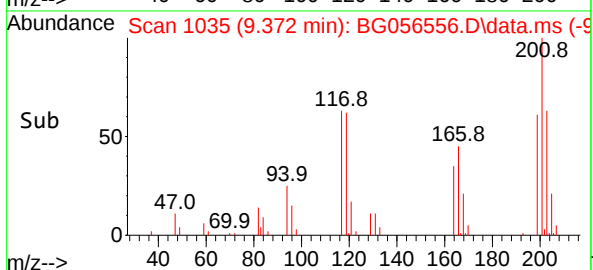
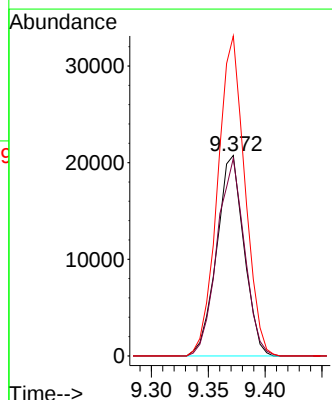
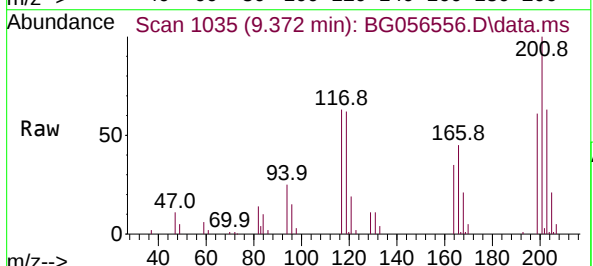
APPROVED

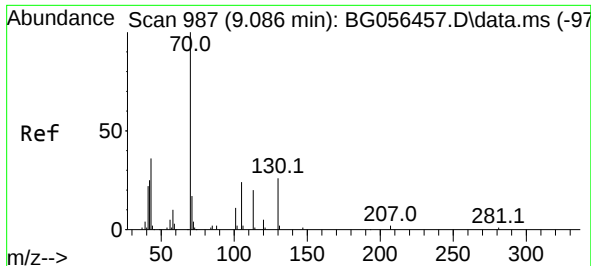
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#18
Hexachloroethane
Concen: 49.113 ng
RT: 9.372 min Scan# 1035
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:117 Resp: 34649
Ion Ratio Lower Upper
117 100
119 98.6 79.4 119.0
201 159.7 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.810 ng
RT: 9.078 min Scan# 985
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

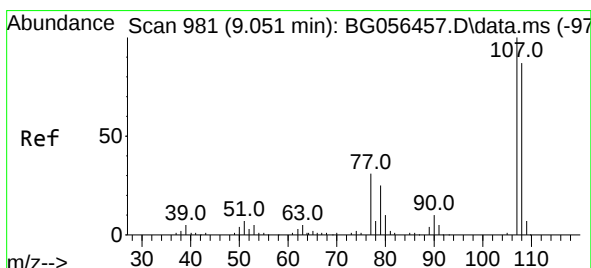
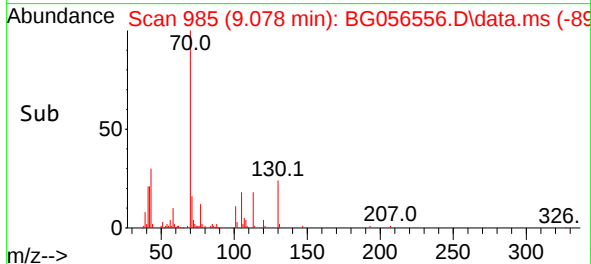
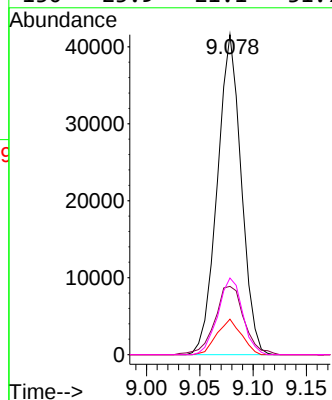
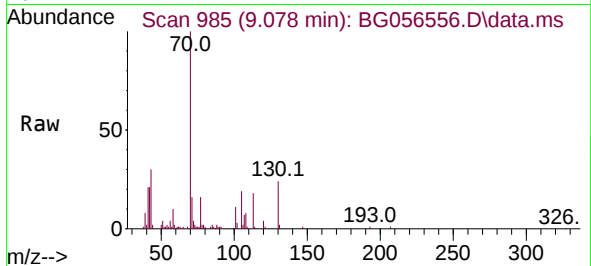
B-01-SB02MS

Tgt Ion: 70 Resp: 6501
Ion Ratio Lower Upper
70 100
42 21.3 20.2 30.4
101 11.1 9.1 13.7
130 23.9 21.1 31.7

Manual Integrations

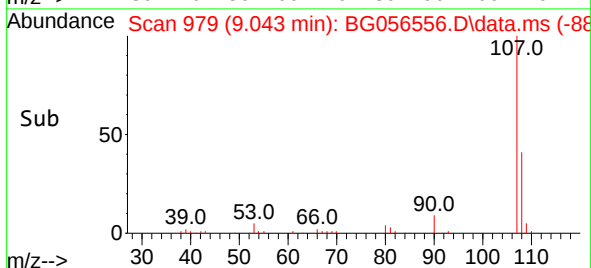
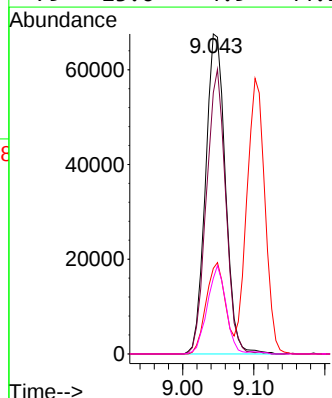
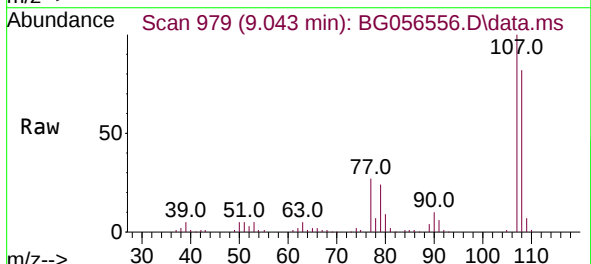
APPROVED

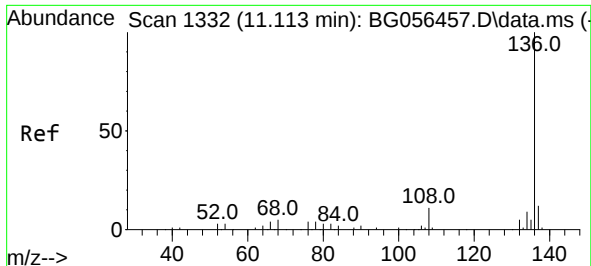
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#20
3+4-Methylphenols
Concen: 44.779 ng
RT: 9.043 min Scan# 979
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:107 Resp: 130923
Ion Ratio Lower Upper
107 100
108 81.6 66.7 106.7
77 26.7 10.6 50.6
79 23.6 4.9 44.9





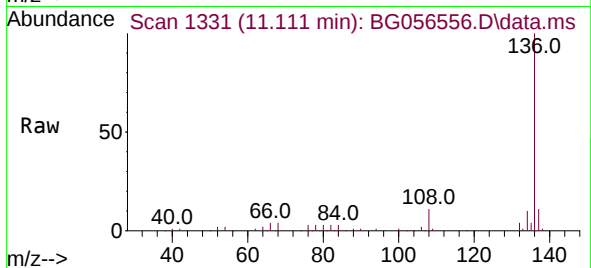
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1331
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

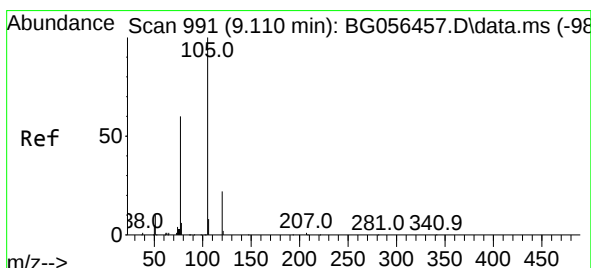
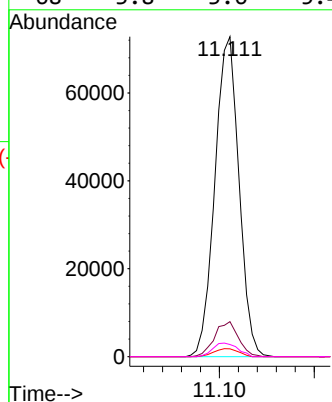
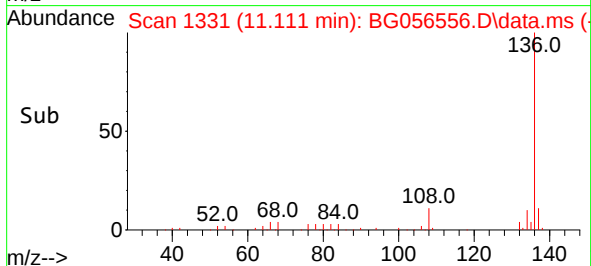


Tgt Ion:136 Resp: 128191
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.4 2.2 3.4
68 3.8 3.6 5.4

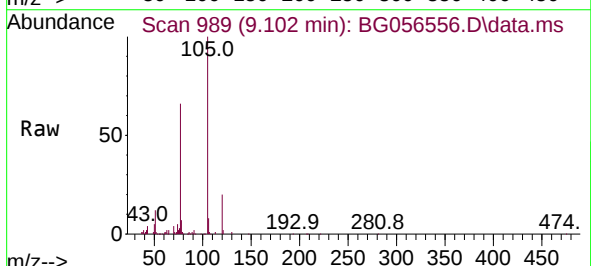
Manual Integrations

APPROVED

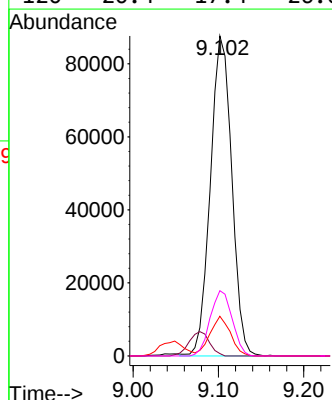
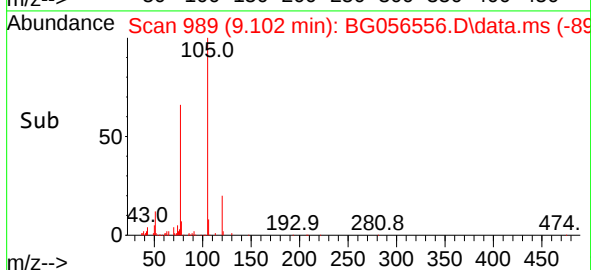
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

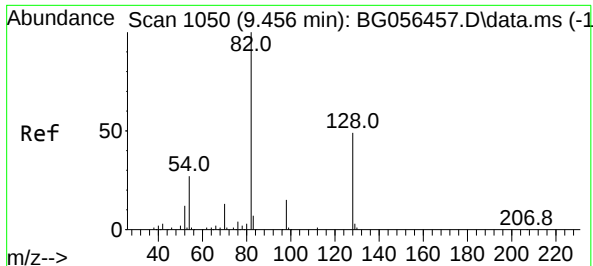


#22
Acetophenone
Concen: 44.823 ng
RT: 9.102 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:105 Resp: 152669
Ion Ratio Lower Upper
105 100
71 0.7 0.6 0.8
51 12.4 9.2 13.8
120 20.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 76.727 ng

RT: 9.454 min Scan# 1049

Delta R.T. 0.004 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion: 82 Resp: 173210

Ion Ratio Lower Upper

82 100

128 46.6 39.4 59.2

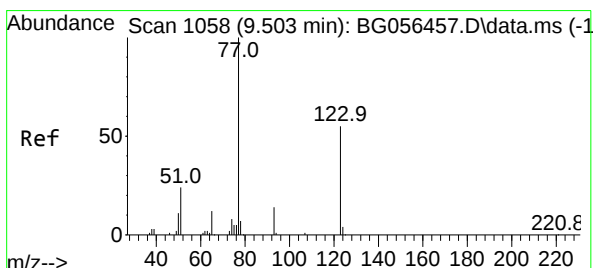
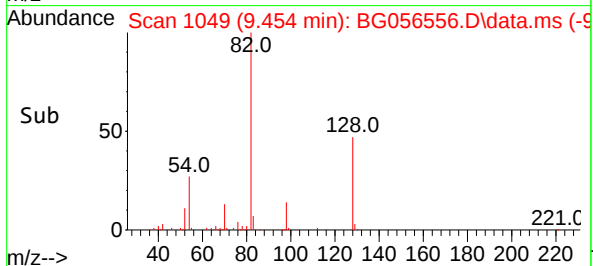
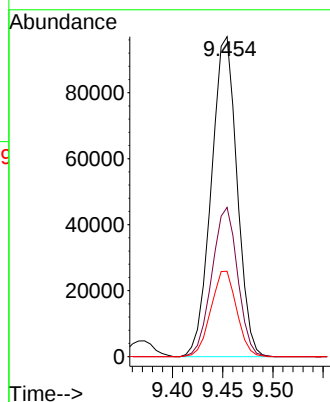
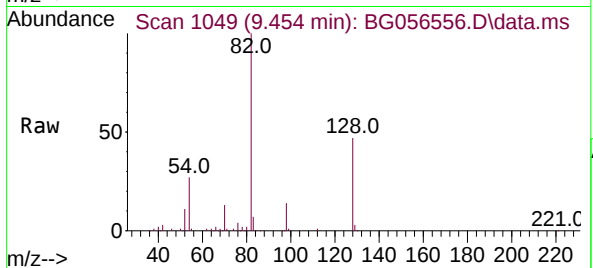
54 26.7 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#24

Nitrobenzene

Concen: 45.243 ng

RT: 9.495 min Scan# 1056

Delta R.T. 0.004 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

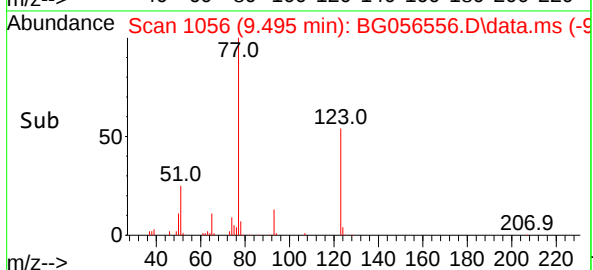
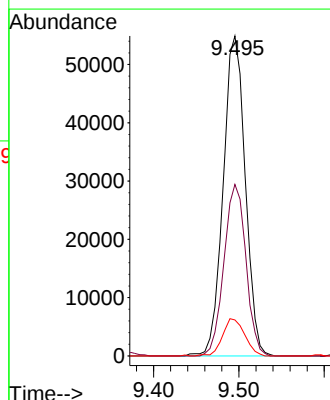
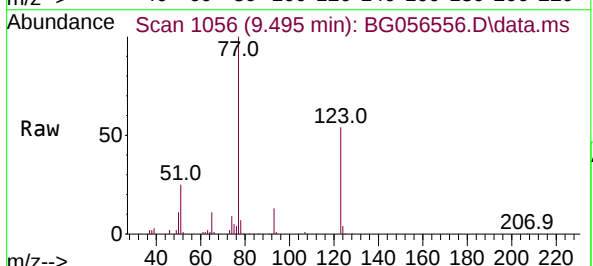
Tgt Ion: 77 Resp: 98517

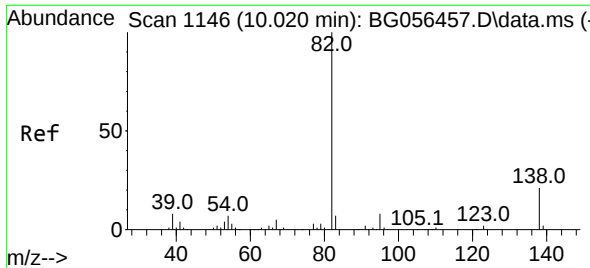
Ion Ratio Lower Upper

77 100

123 53.6 44.0 66.0

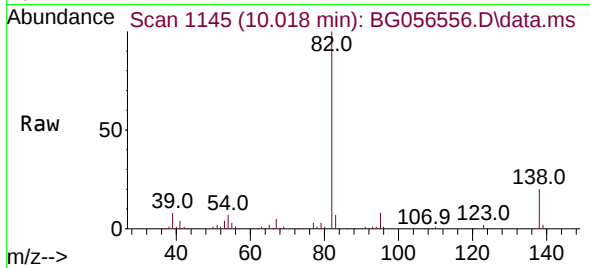
65 11.2 9.7 14.5





#25
Isophorone
Concen: 41.364 ng
RT: 10.018 min Scan# 1145
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

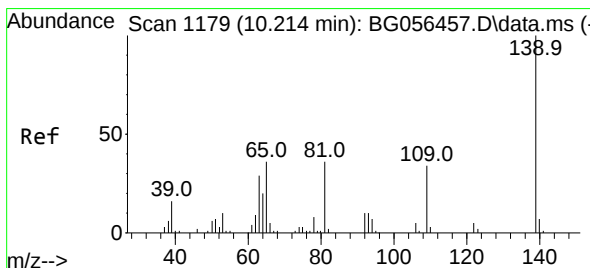
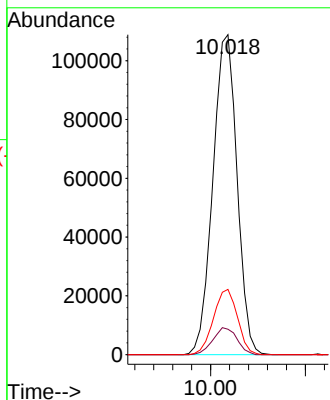
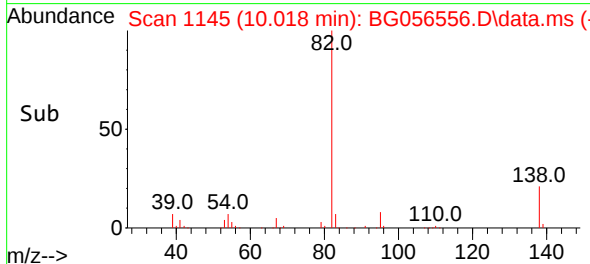
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



Tgt Ion: 82 Resp: 192644
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 20.4 16.6 25.0

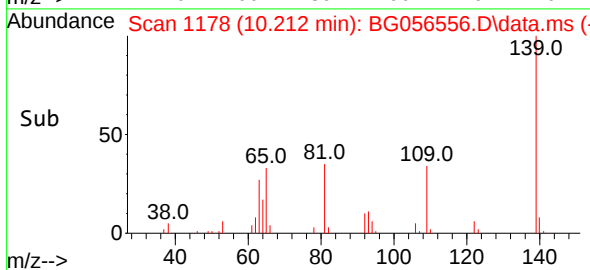
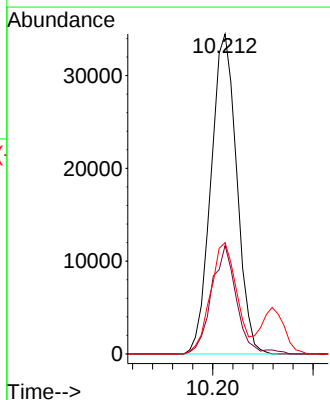
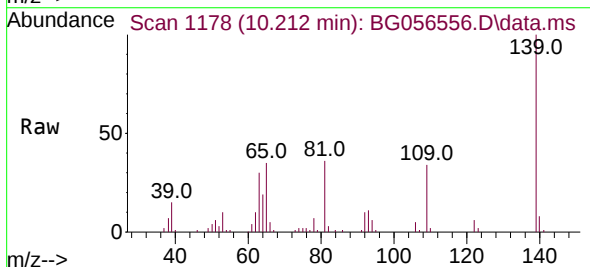
Manual Integrations
APPROVED

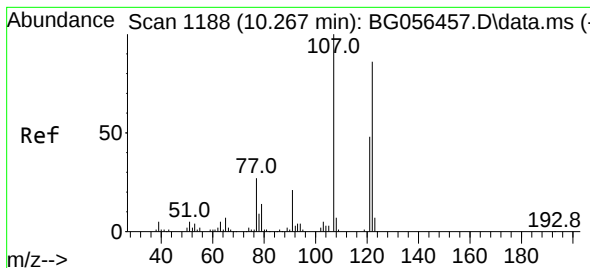
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#26
2-Nitrophenol
Concen: 46.464 ng
RT: 10.212 min Scan# 1178
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

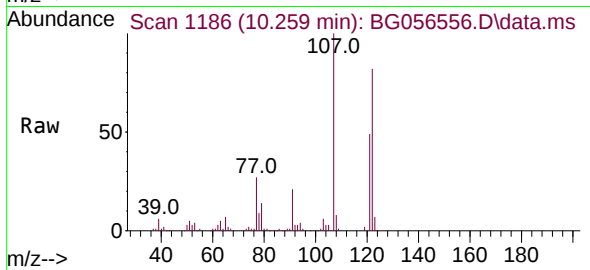
Tgt Ion:139 Resp: 61387
Ion Ratio Lower Upper
139 100
109 33.9 26.9 40.3
65 34.8 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 48.731 ng m
RT: 10.259 min Scan# 1186
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

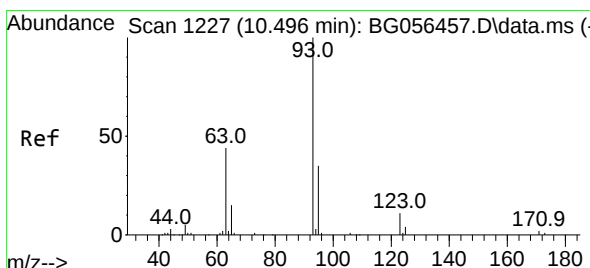
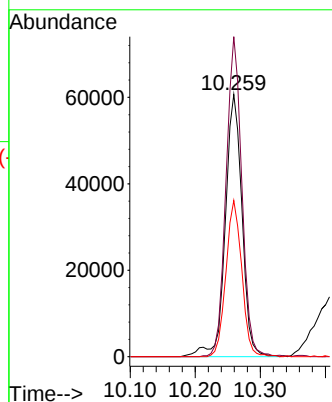
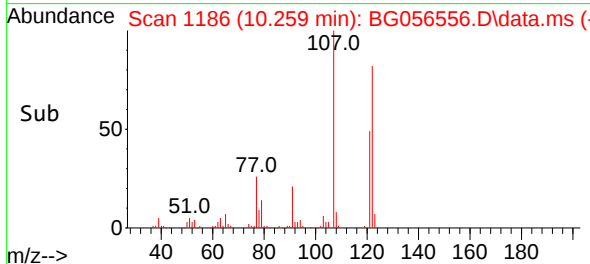
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



Tgt Ion:122 Resp: 107748
Ion Ratio Lower Upper
122 100
107 122.1 92.9 139.3
121 59.6 45.0 67.4

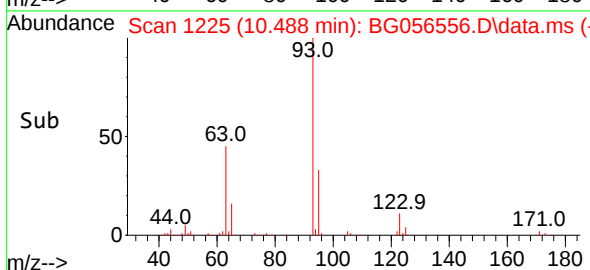
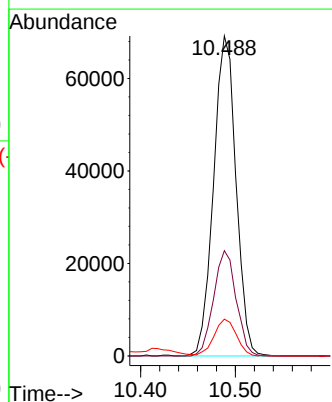
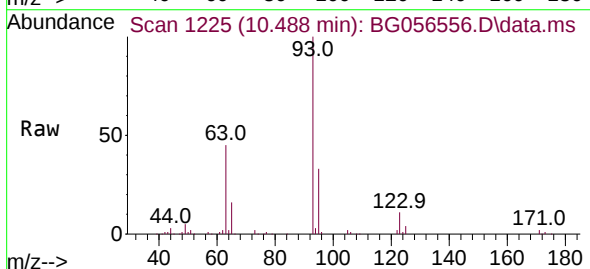
Manual Integrations
APPROVED

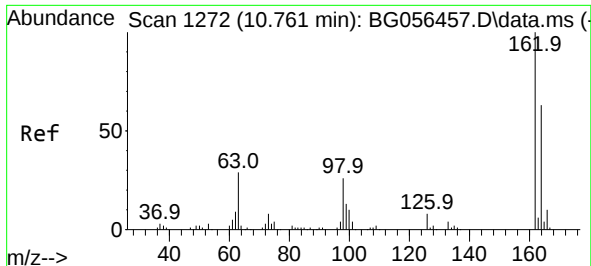
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.215 ng
RT: 10.488 min Scan# 1225
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion: 93 Resp: 113758
Ion Ratio Lower Upper
93 100
95 32.9 27.9 41.9
123 11.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.293 ng

RT: 10.753 min Scan# 1270

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

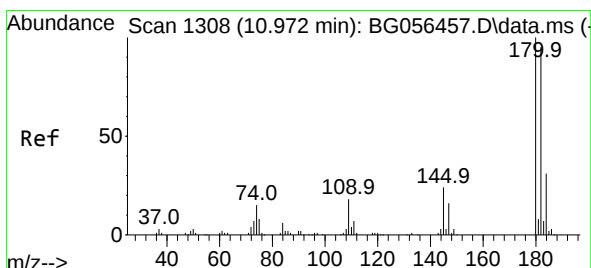
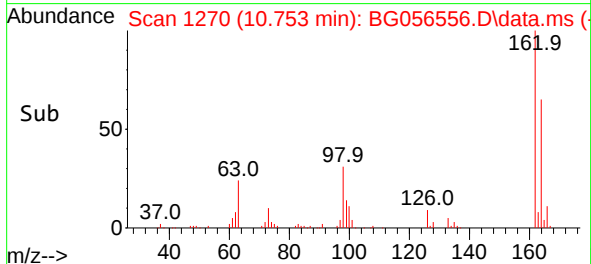
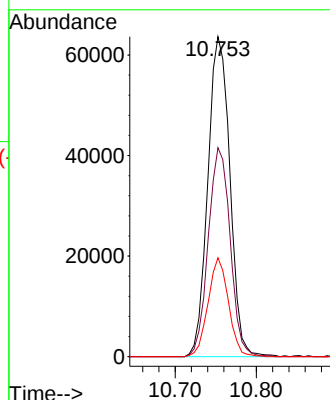
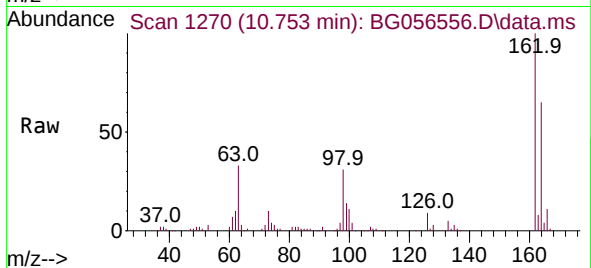
B-01-SB02MS

Tgt Ion:162 Resp: 120192
 Ion Ratio Lower Upper
 162 100
 164 65.3 42.8 82.8
 98 30.9 6.5 46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.430 ng

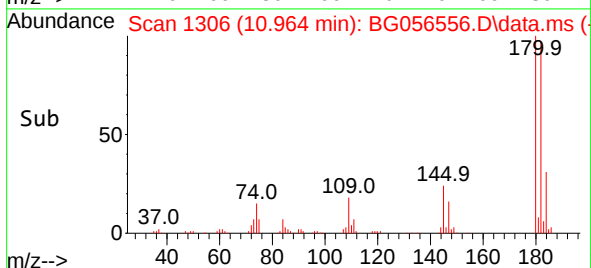
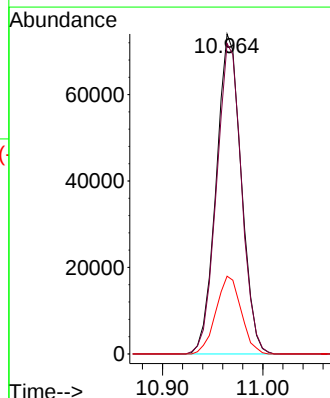
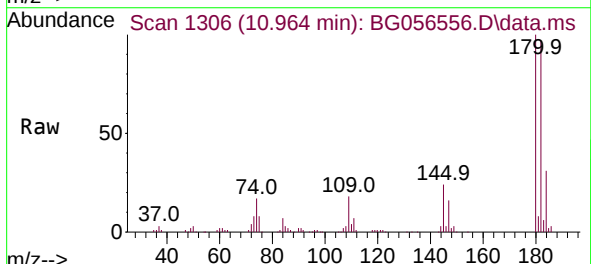
RT: 10.964 min Scan# 1306

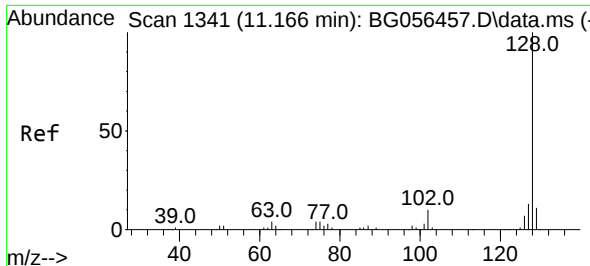
Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Tgt Ion:180 Resp: 128411
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.9 113.9
 145 24.3 19.4 29.0





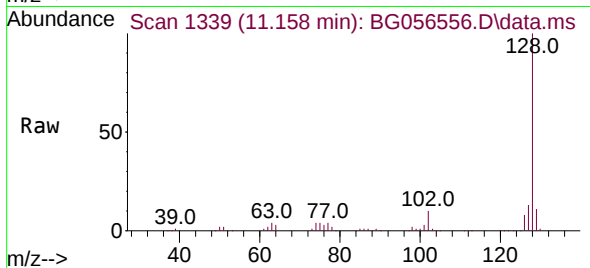
#31
Naphthalene
Concen: 45.195 ng
RT: 11.158 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

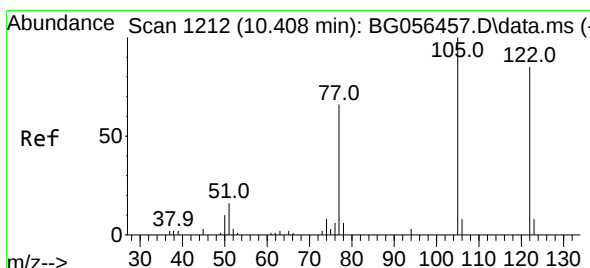
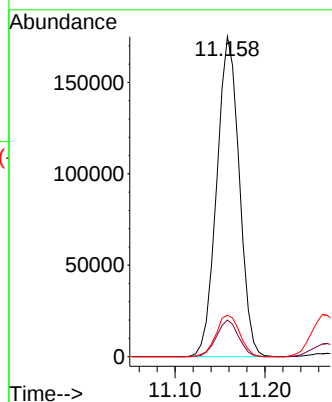
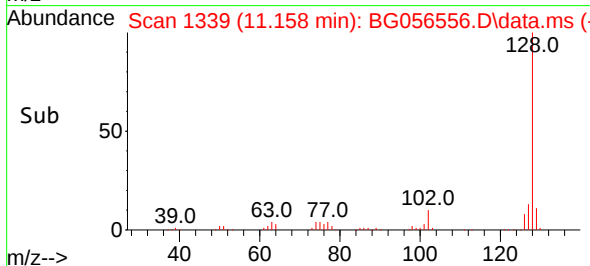


Tgt Ion:128 Resp: 305791
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.0 10.4 15.6

Manual Integrations

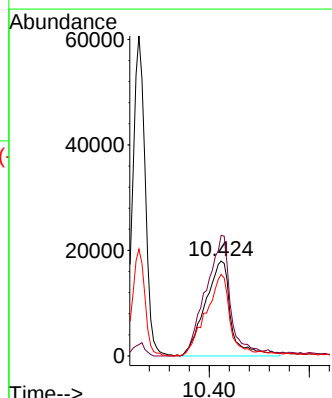
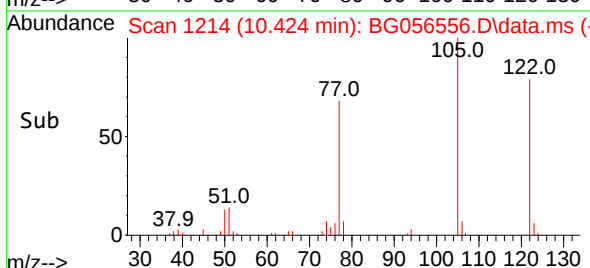
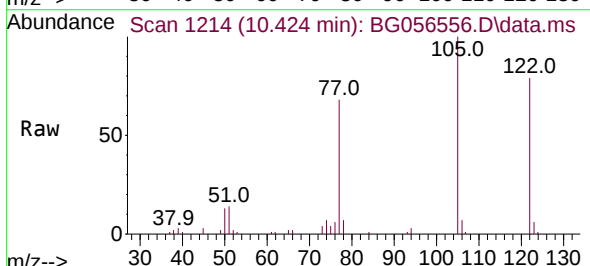
APPROVED

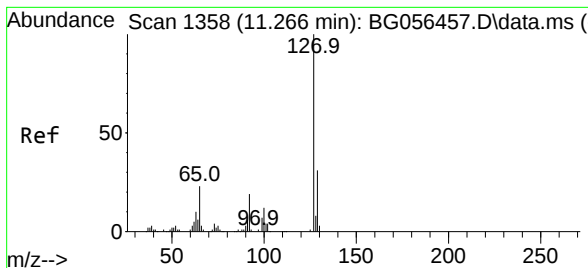
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#32
Benzoic acid
Concen: 52.072 ng m
RT: 10.424 min Scan# 1214
Delta R.T. 0.016 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:122 Resp: 64415
Ion Ratio Lower Upper
122 100
105 127.2 96.5 136.5
77 86.1 57.3 97.3





#33
4-Chloroaniline
Concen: 18.530 ng
RT: 11.264 min Scan# 1358
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

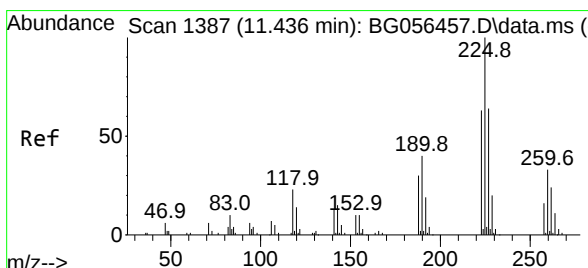
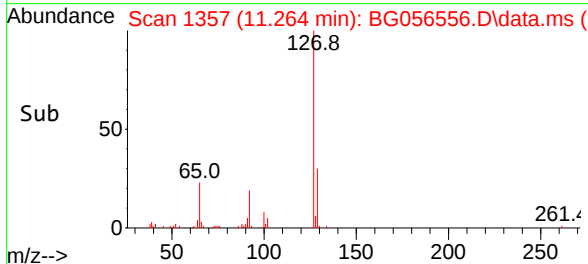
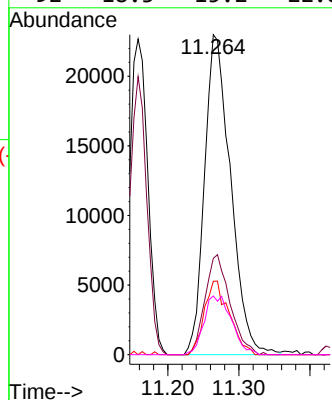
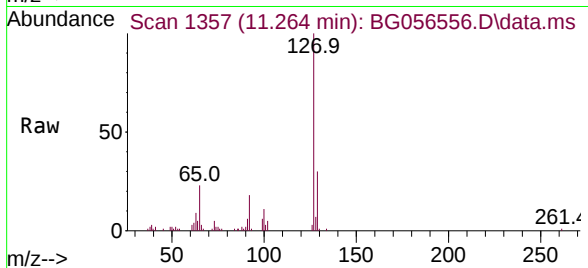
B-01-SB02MS

Tgt Ion:127 Resp: 5852
Ion Ratio Lower Upper
127 100
129 30.1 25.0 37.6
65 22.9 18.5 27.7
92 18.3 15.2 22.8

Manual Integrations

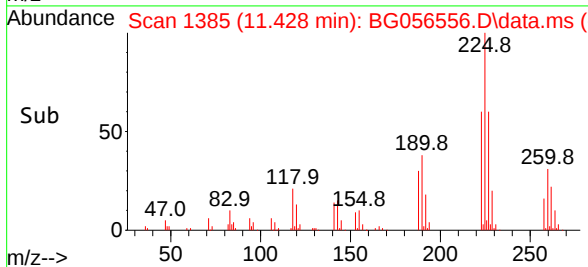
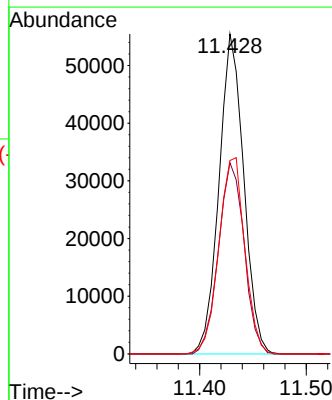
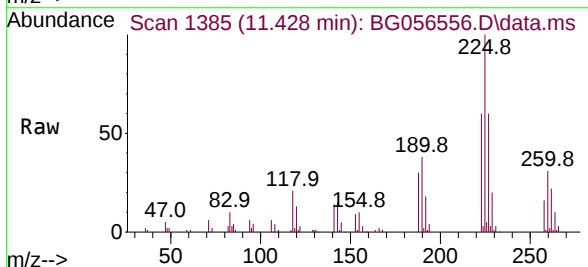
APPROVED

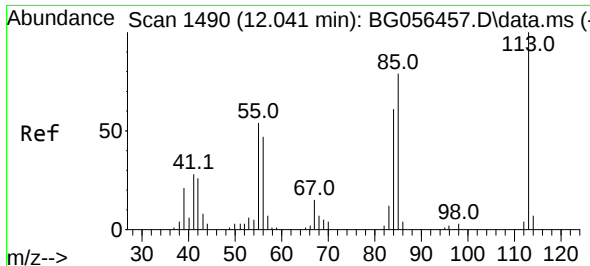
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#34
Hexachlorobutadiene
Concen: 46.091 ng
RT: 11.428 min Scan# 1385
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

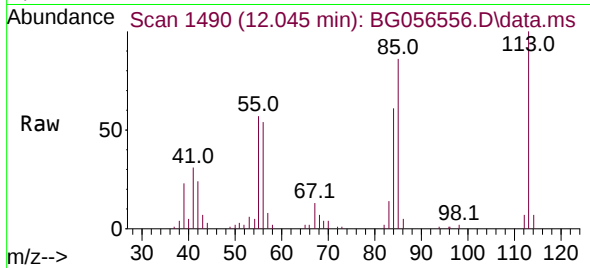
Tgt Ion:225 Resp: 89478
Ion Ratio Lower Upper
225 100
223 59.7 50.6 75.8
227 60.4 53.7 80.5





#35
Caprolactam
Concen: 44.229 ng m
RT: 12.045 min Scan# 1490
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

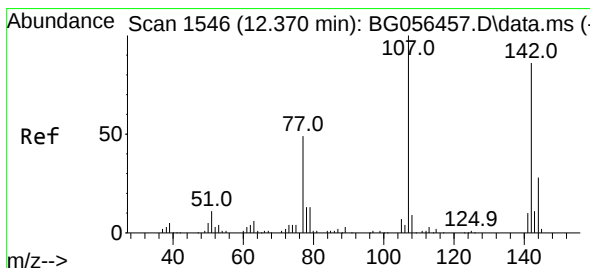
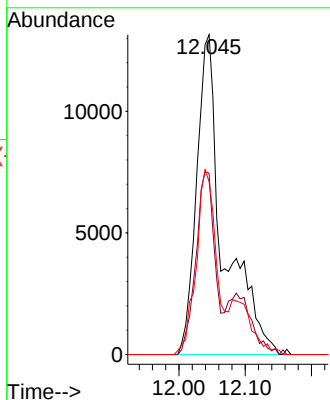
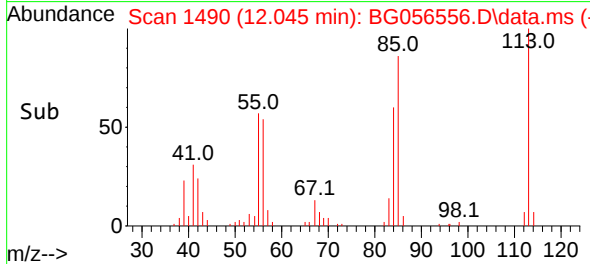
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



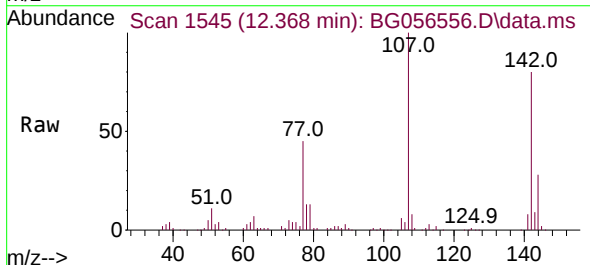
Tgt Ion:113 Resp: 37125
Ion Ratio Lower Upper
113 100
55 56.6 33.7 73.7
56 54.0 27.1 67.1

Manual Integrations
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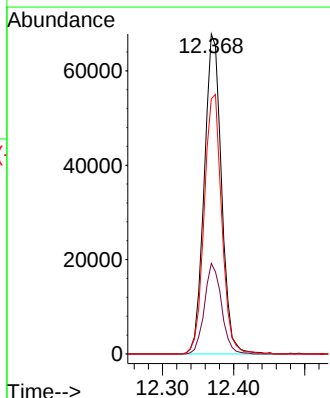
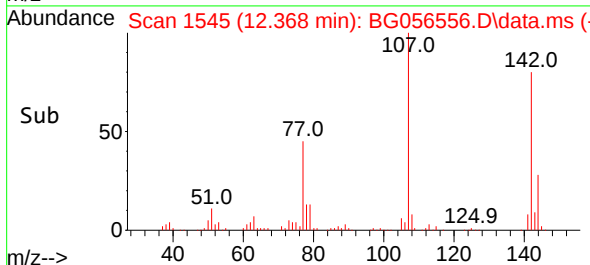
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

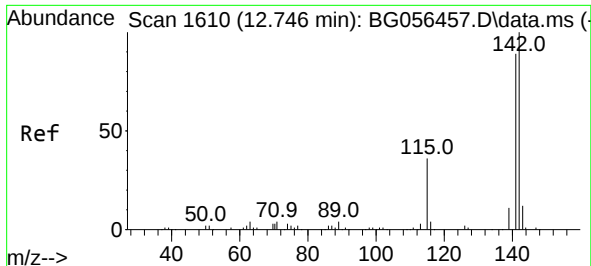


#36
4-Chloro-3-methylphenol
Concen: 47.445 ng
RT: 12.368 min Scan# 1545
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:107 Resp: 114034
Ion Ratio Lower Upper
107 100
144 28.3 22.3 33.5
142 79.7 68.9 103.3





#37

2-Methylnaphthalene

Concen: 41.823 ng

RT: 12.745 min Scan# 1609

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion:142 Resp: 233288

Ion Ratio Lower Upper

142 100

141 93.5 71.4 107.0

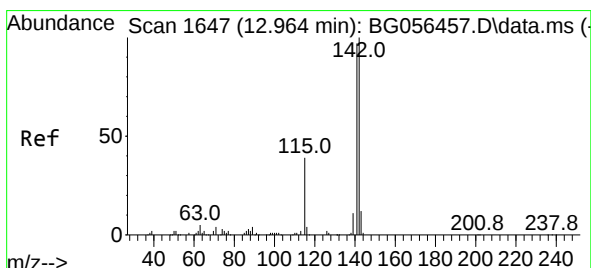
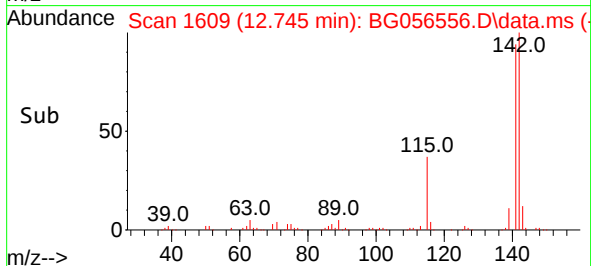
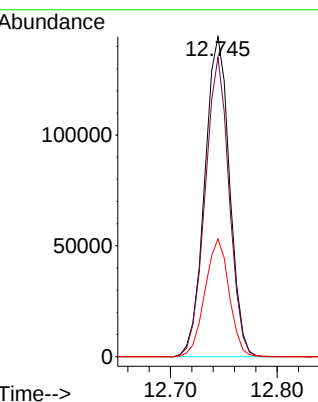
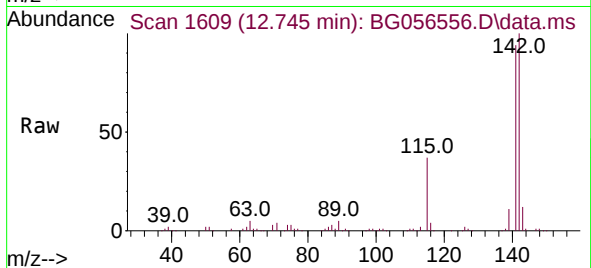
115 36.8 28.4 42.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#38

1-Methylnaphthalene

Concen: 41.436 ng

RT: 12.962 min Scan# 1646

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

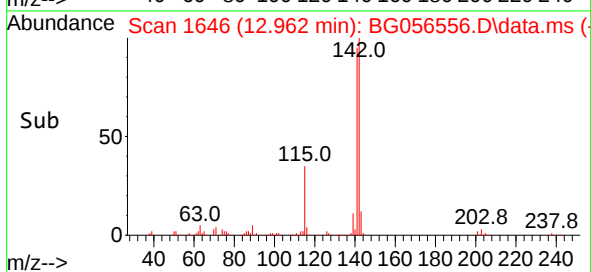
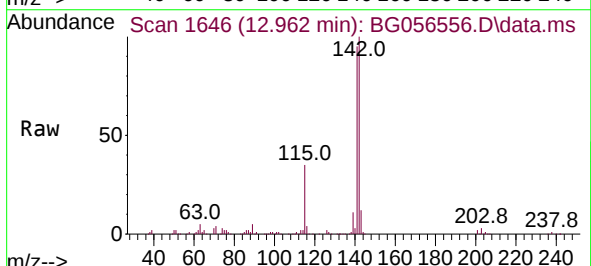
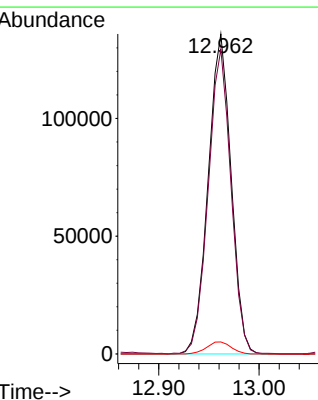
Tgt Ion:142 Resp: 215860

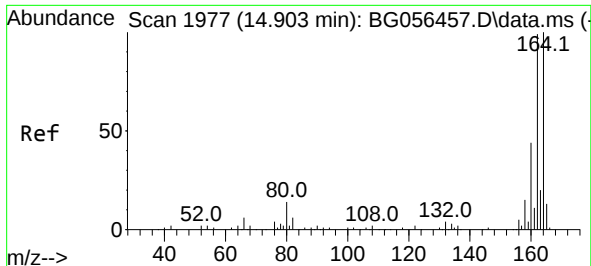
Ion Ratio Lower Upper

142 100

141 95.2 77.7 116.5

116 3.7 3.4 5.2





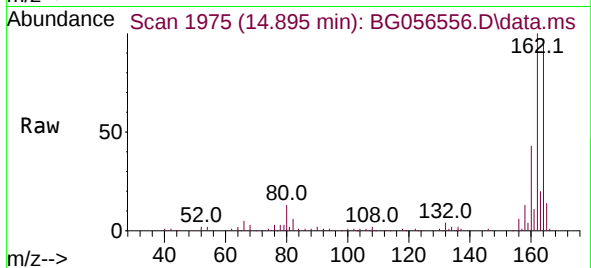
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

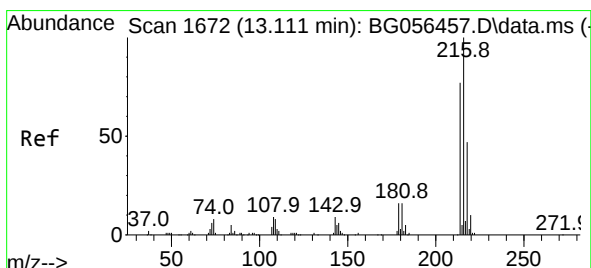
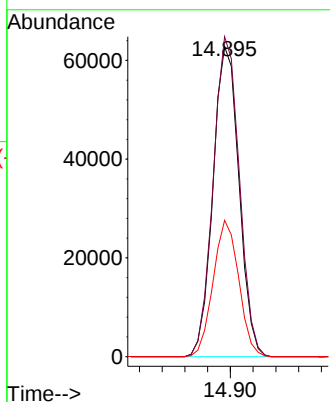
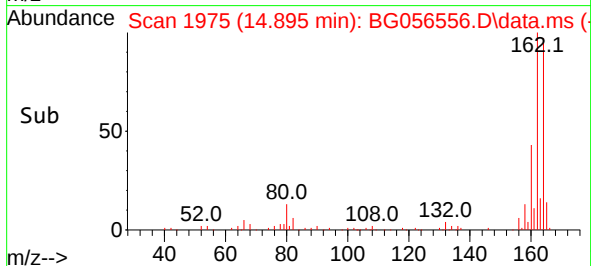


Tgt Ion:164 Resp: 99605
Ion Ratio Lower Upper
164 100
162 103.2 79.6 119.4
160 44.0 34.9 52.3

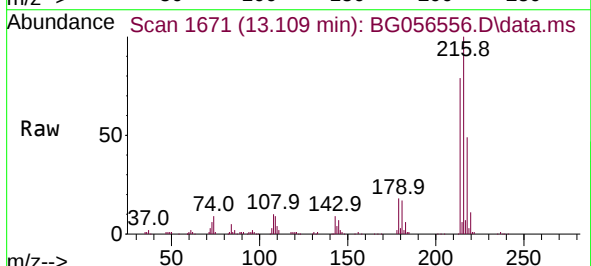
Manual Integrations

APPROVED

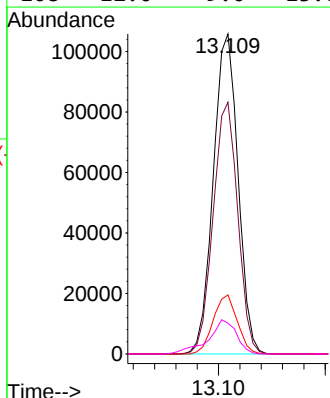
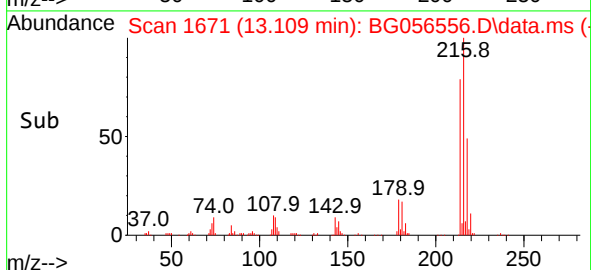
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

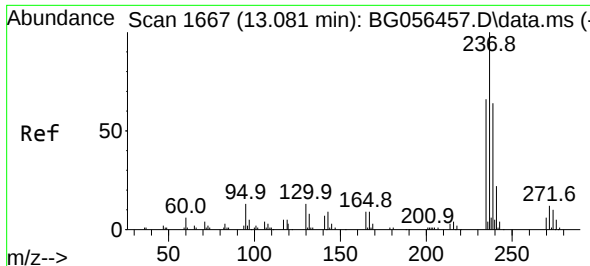


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.821 ng
RT: 13.109 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



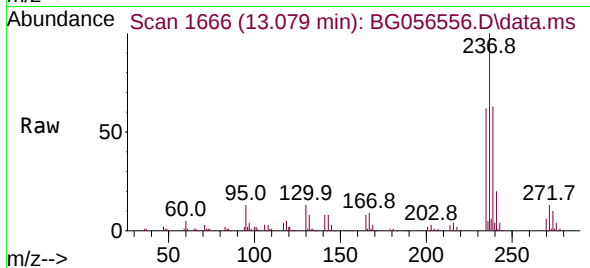
Tgt Ion:216 Resp: 170377
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 17.9 14.1 21.1
108 12.0 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 73.970 ng
RT: 13.079 min Scan# 1667
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

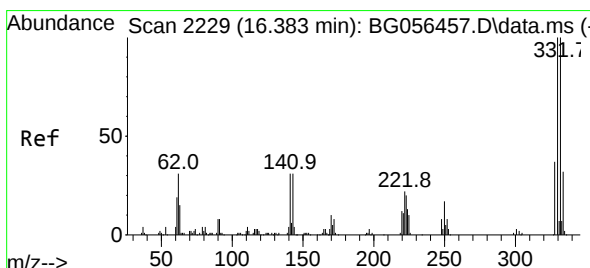
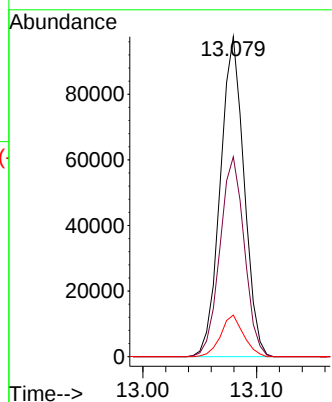
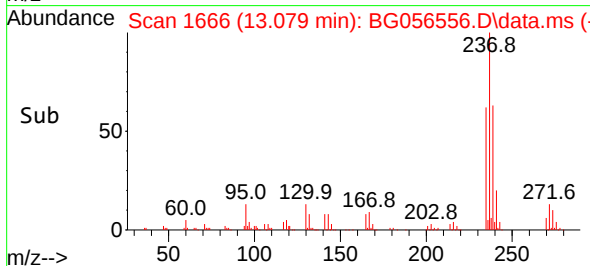
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



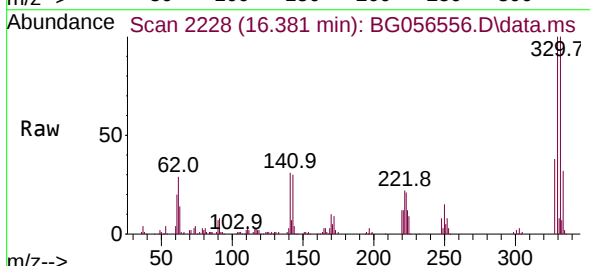
Tgt Ion:237 Resp: 141682
Ion Ratio Lower Upper
237 100
235 62.5 45.6 85.6
272 13.0 0.0 32.3

Manual Integrations
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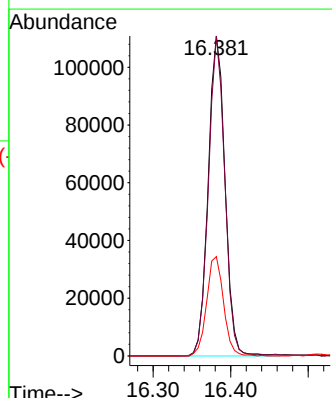
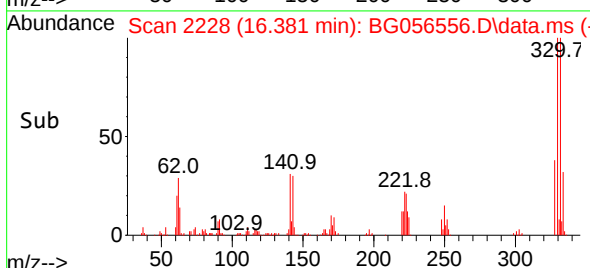
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

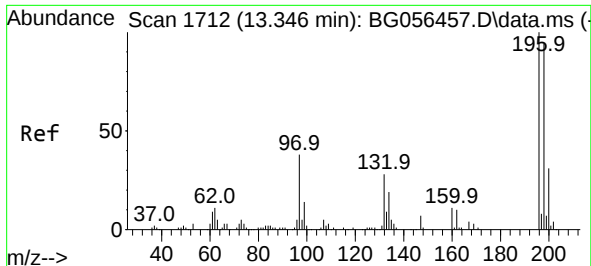


#42
2,4,6-Tribromophenol
Concen: 126.346 ng
RT: 16.381 min Scan# 2228
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:330 Resp: 167306
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.6
141 31.1 24.2 36.4





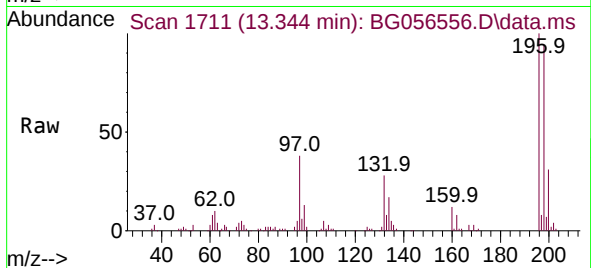
#43
2,4,6-Trichlorophenol
Concen: 49.739 ng
RT: 13.344 min Scan# 1711
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

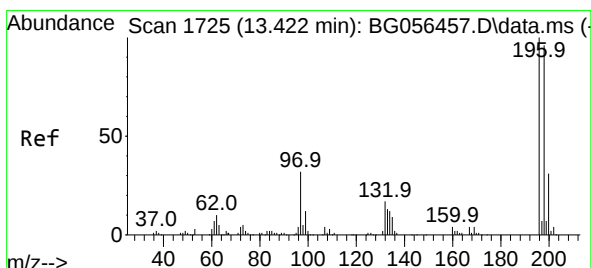
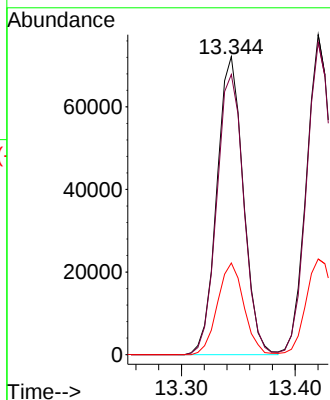
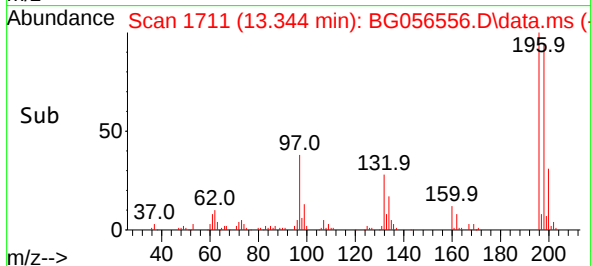


Tgt Ion:196 Resp: 11663
Ion Ratio Lower Upper
196 100
198 94.0 75.4 113.0
200 30.8 25.0 37.6

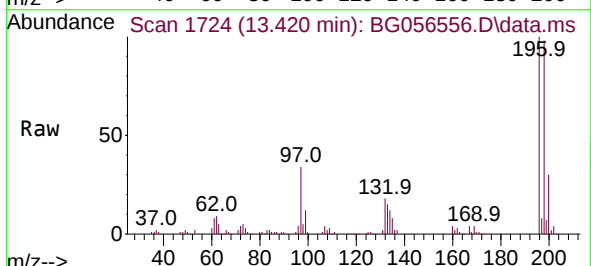
Manual Integrations

APPROVED

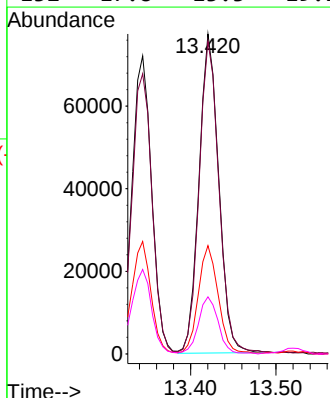
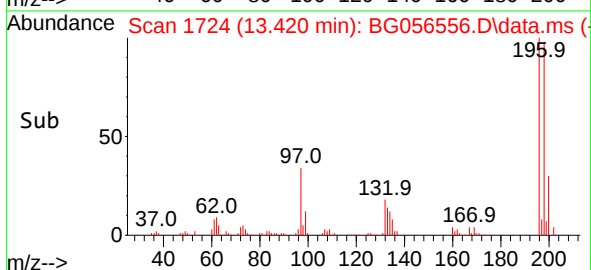
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

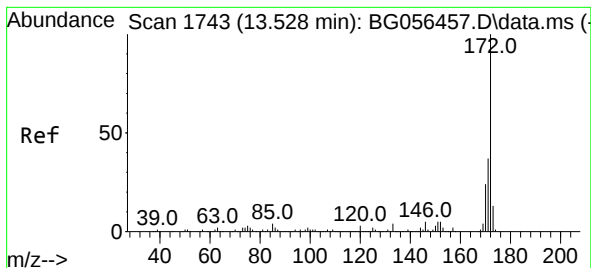


#44
2,4,5-Trichlorophenol
Concen: 45.186 ng
RT: 13.420 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:196 Resp: 124062
Ion Ratio Lower Upper
196 100
198 97.6 76.9 115.3
97 33.8 25.8 38.6
132 17.8 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 74.836 ng
RT: 13.520 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

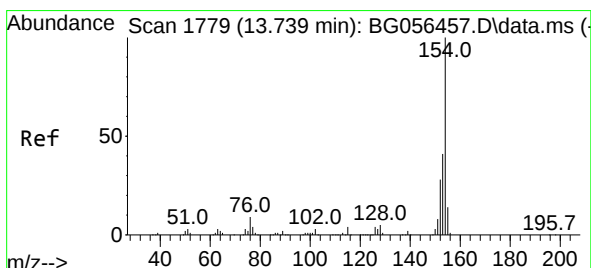
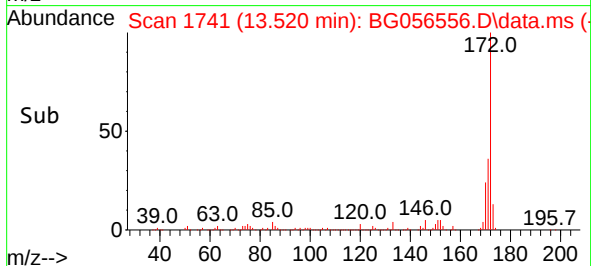
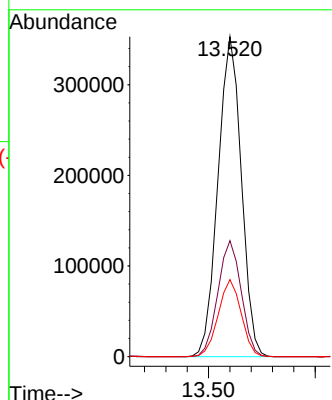
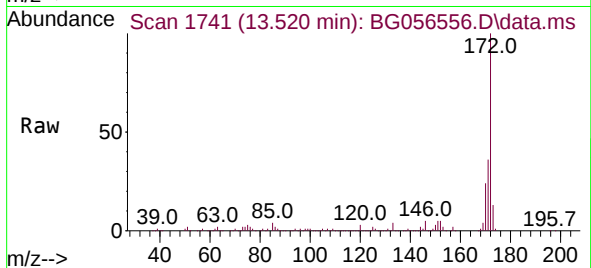
B-01-SB02MS

Tgt Ion:172 Resp: 53764
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.1 19.2 28.8

Manual Integrations

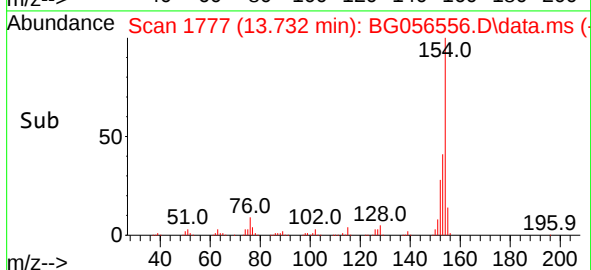
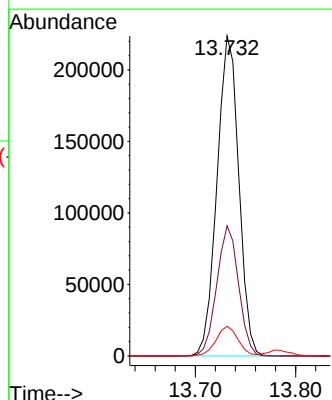
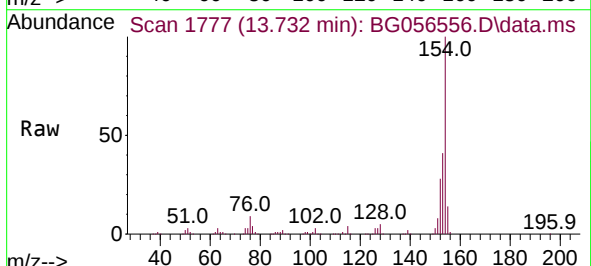
APPROVED

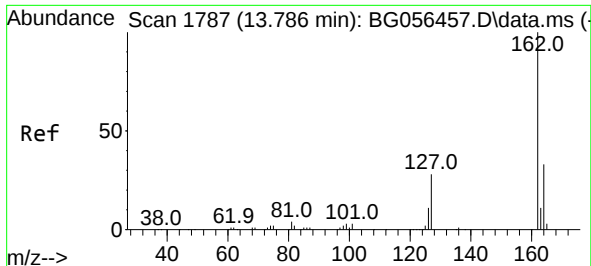
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#46
1,1'-Biphenyl
Concen: 46.738 ng
RT: 13.732 min Scan# 1777
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:154 Resp: 337660
Ion Ratio Lower Upper
154 100
153 40.6 21.5 61.5
76 9.3 0.0 28.8





#47
2-Chloronaphthalene
Concen: 47.783 ng
RT: 13.784 min Scan# 1787
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

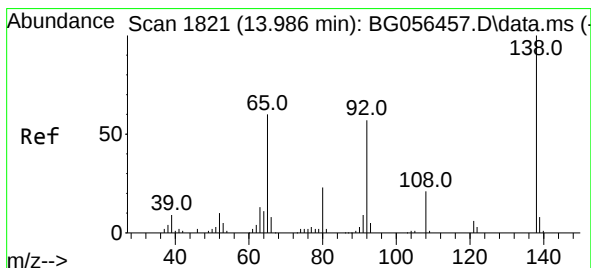
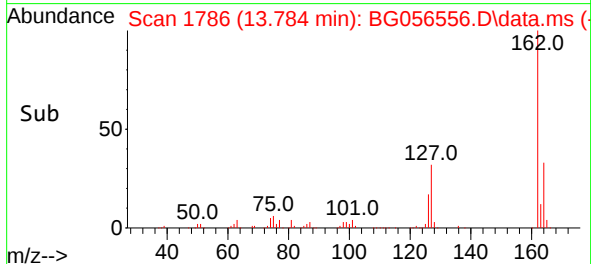
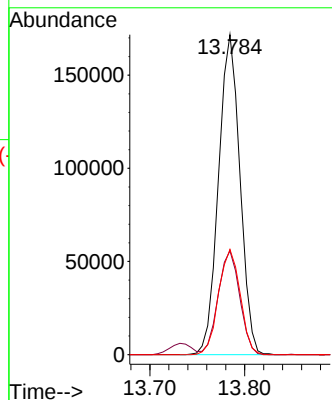
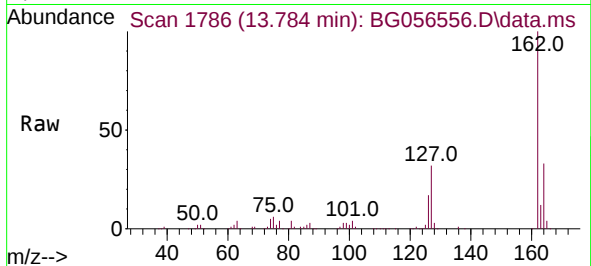
B-01-SB02MS

Tgt Ion:162 Resp: 269829
Ion Ratio Lower Upper
162 100
127 32.4 25.2 37.8
164 32.9 26.2 39.2

Manual Integrations

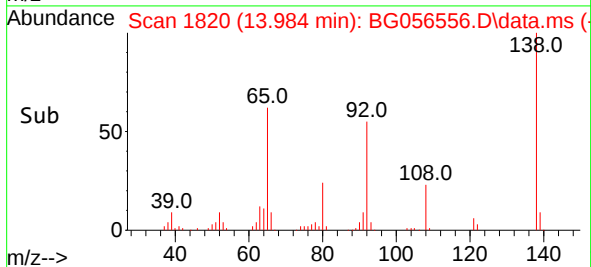
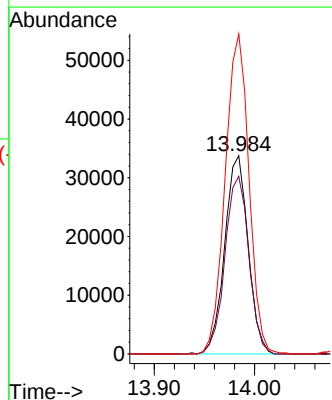
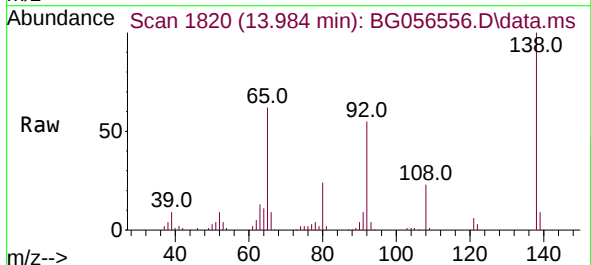
APPROVED

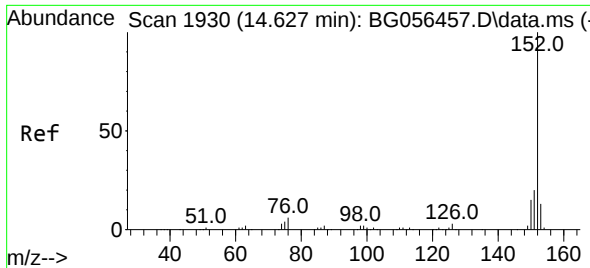
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#48
2-Nitroaniline
Concen: 46.954 ng
RT: 13.984 min Scan# 1820
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

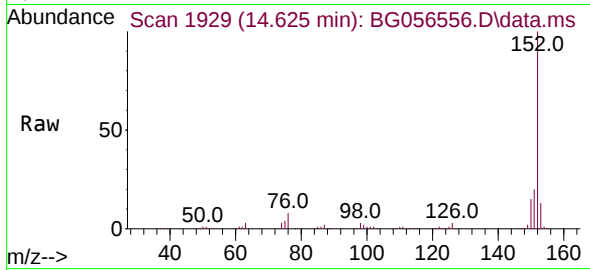
Tgt Ion: 65 Resp: 54812
Ion Ratio Lower Upper
65 100
92 89.6 75.8 113.6
138 161.5 133.2 199.8





#49
Acenaphthylene
Concen: 45.960 ng
RT: 14.625 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

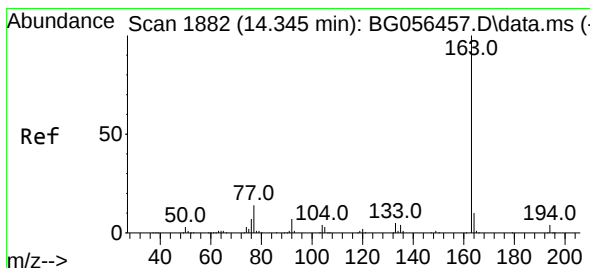
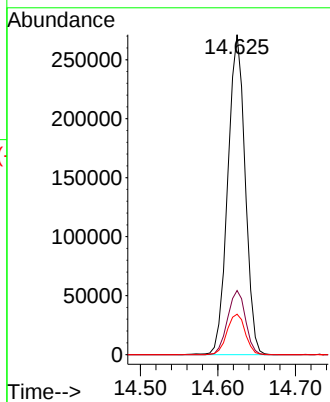
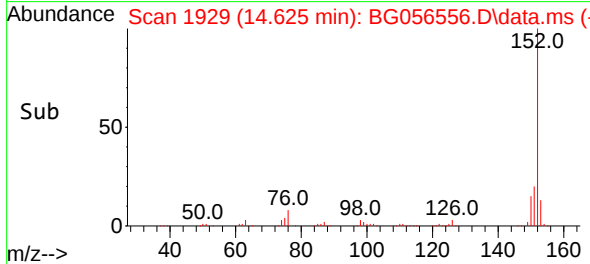
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



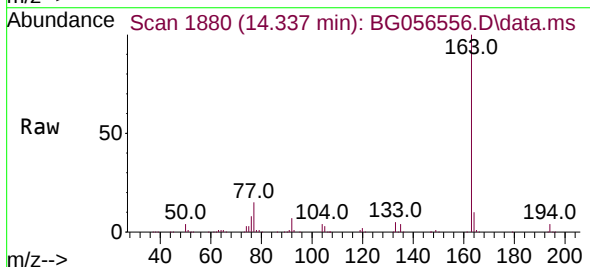
Tgt Ion:152 Resp: 422254
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.7 10.5 15.7

Manual Integrations
APPROVED

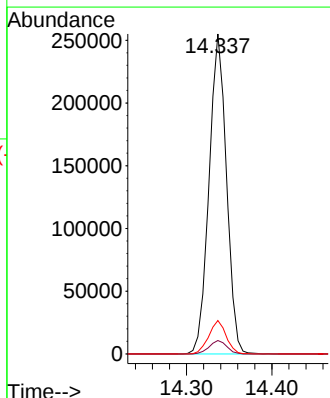
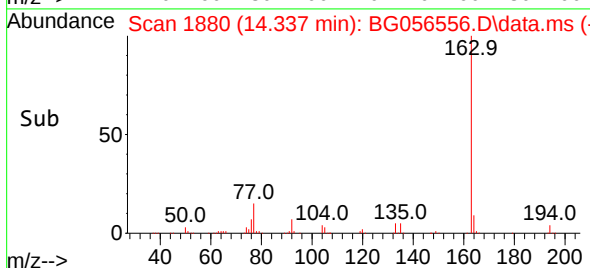
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

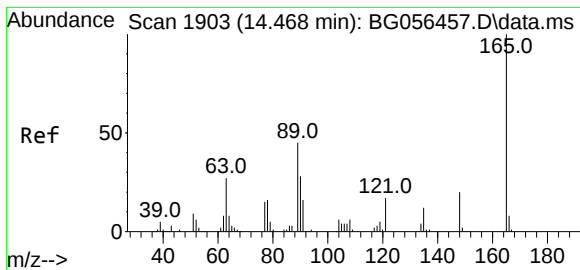


#50
Dimethylphthalate
Concen: 44.854 ng
RT: 14.337 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:163 Resp: 361446
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.341 ng
RT: 14.466 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

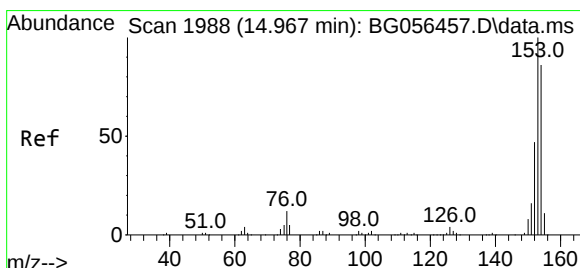
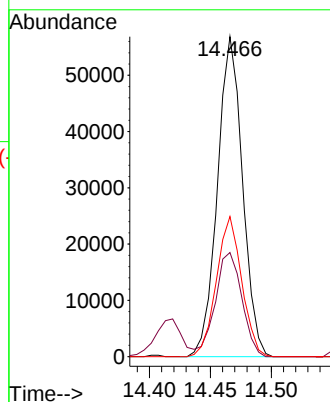
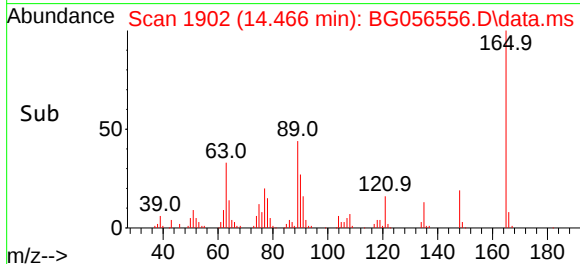
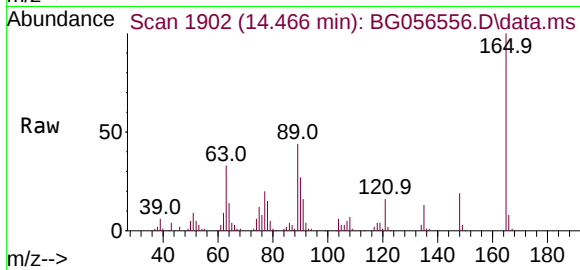
B-01-SB02MS

Tgt Ion:165 Resp: 81437
Ion Ratio Lower Upper
165 100
63 32.5 26.9 40.3
89 43.8 35.6 53.4

Manual Integrations

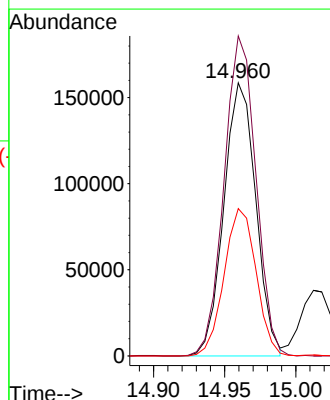
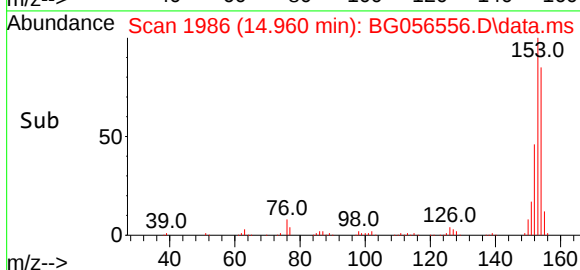
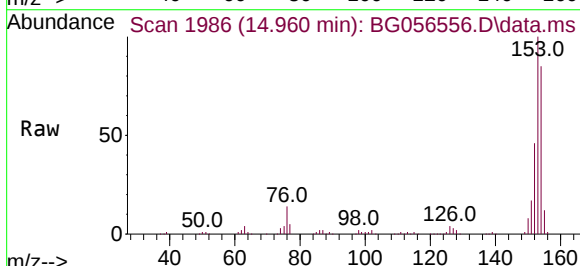
APPROVED

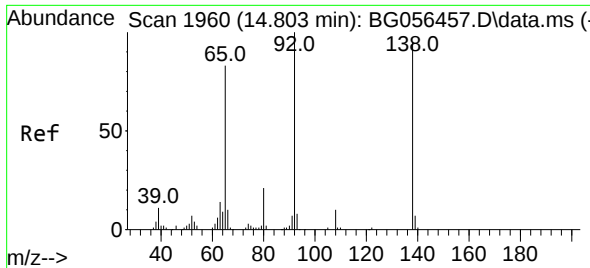
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#52
Acenaphthene
Concen: 45.544 ng
RT: 14.960 min Scan# 1986
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:154 Resp: 248137
Ion Ratio Lower Upper
154 100
153 117.2 93.4 140.0
152 54.0 43.4 65.2





#53
3-Nitroaniline
Concen: 25.320 ng
RT: 14.801 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

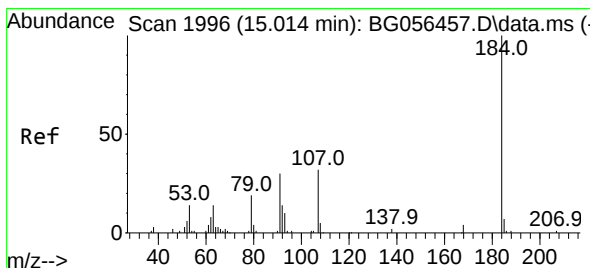
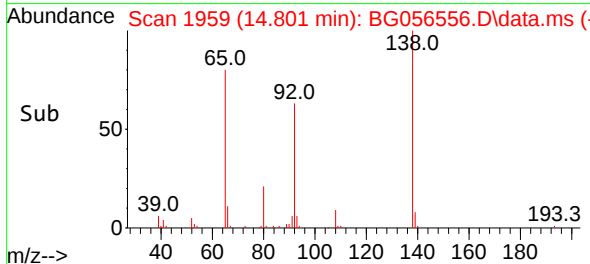
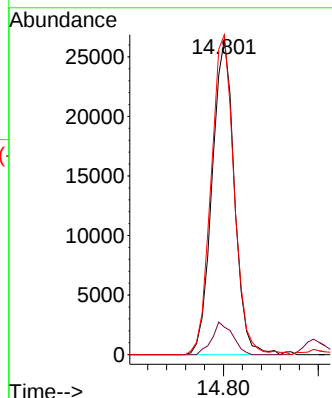
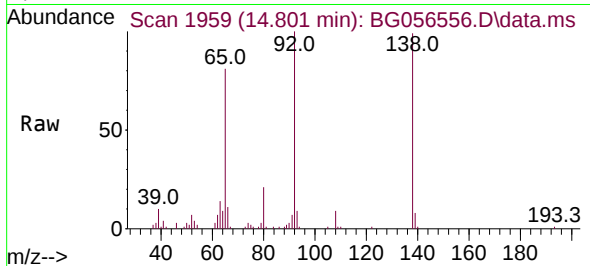
ClientSampleId :

B-01-SB02MS

Tgt Ion:138 Resp: 43138
Ion Ratio Lower Upper
138 100
108 8.7 8.0 12.0
92 101.4 84.1 126.1

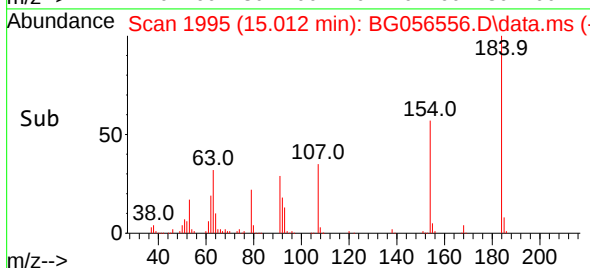
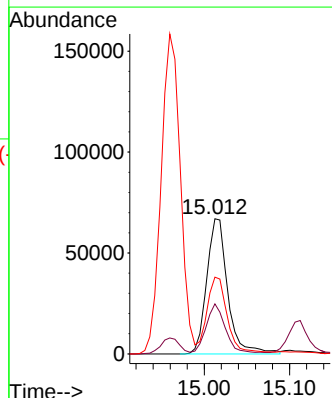
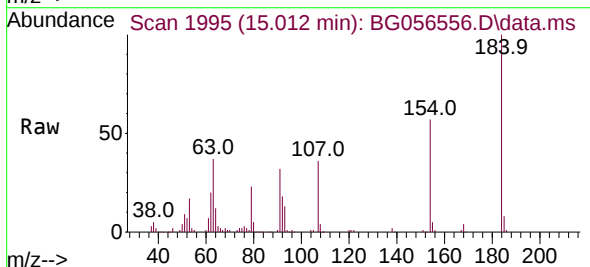
Manual Integrations
APPROVED

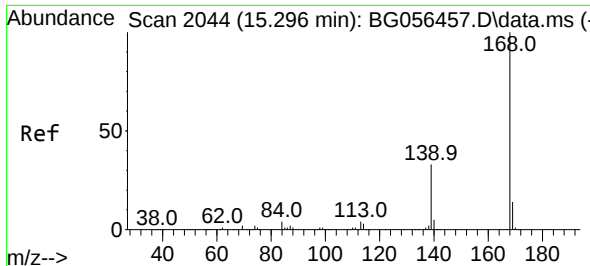
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#54
2,4-Dinitrophenol
Concen: 103.891 ng
RT: 15.012 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

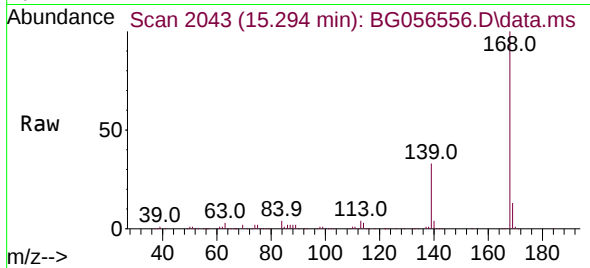
Tgt Ion:184 Resp: 114457
Ion Ratio Lower Upper
184 100
63 37.0 25.1 37.7
154 56.8 44.8 67.2





#55
Dibenzenofuran
Concen: 45.802 ng
RT: 15.294 min Scan# 2044
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

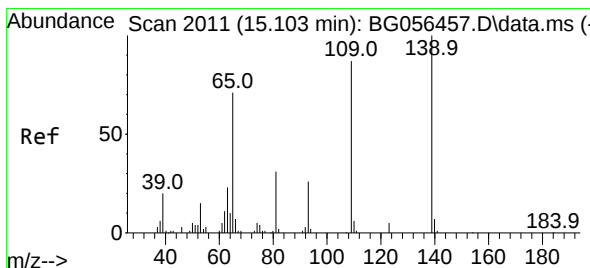
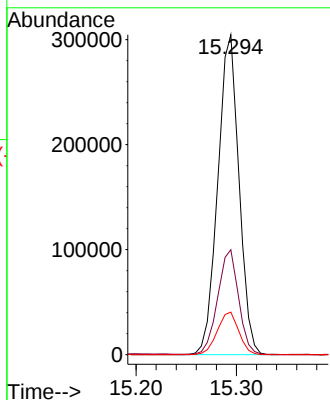
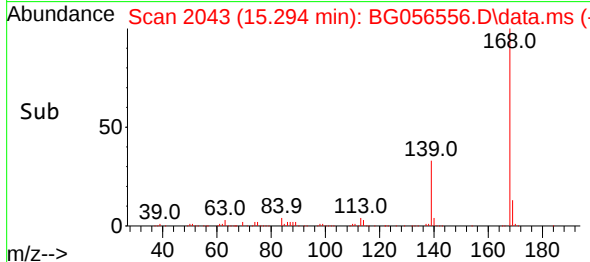
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



Tgt Ion:168 Resp: 447523
Ion Ratio Lower Upper
168 100
139 32.8 26.2 39.2
169 13.3 11.0 16.6

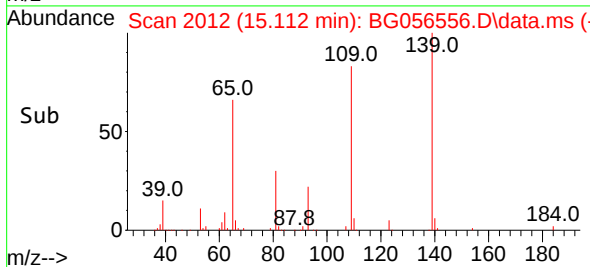
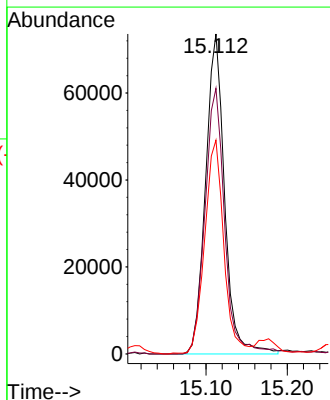
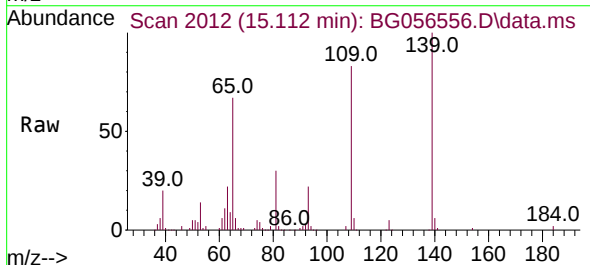
Manual Integrations
APPROVED

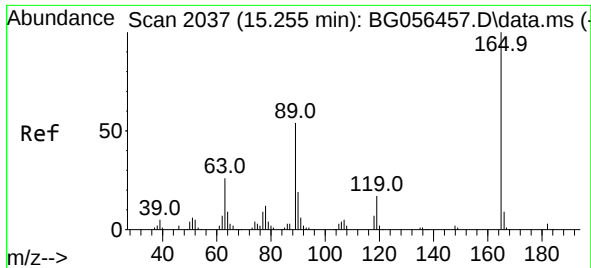
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#56
4-Nitrophenol
Concen: 102.854 ng
RT: 15.112 min Scan# 2012
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:139 Resp: 119735
Ion Ratio Lower Upper
139 100
109 83.0 67.5 107.5
65 66.8 50.7 90.7





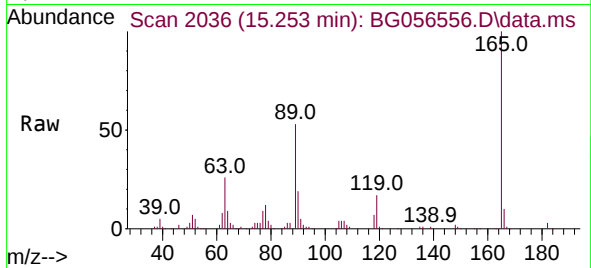
#57
2,4-Dinitrotoluene
Concen: 47.621 ng
RT: 15.253 min Scan# 2037
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

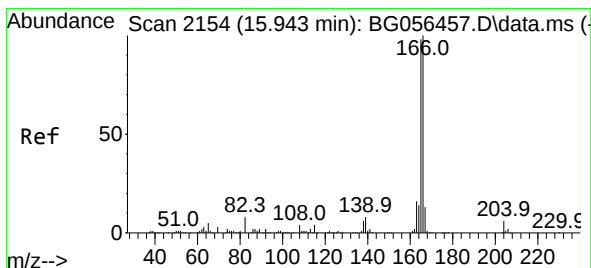
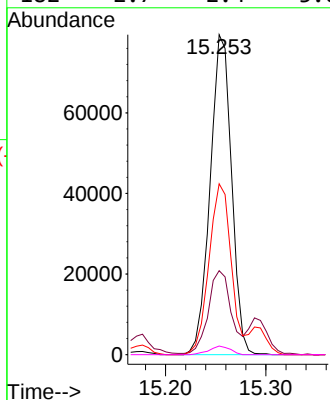
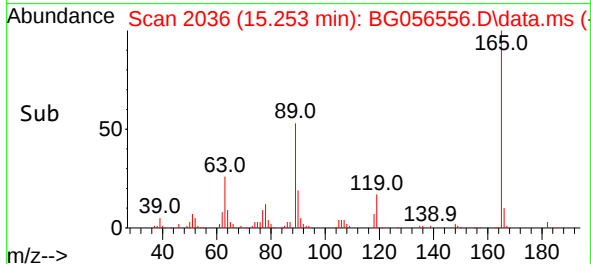


Tgt Ion:165 Resp: 117878
Ion Ratio Lower Upper
165 100
63 26.2 20.6 31.0
89 53.4 43.1 64.7
182 2.7 2.4 3.6

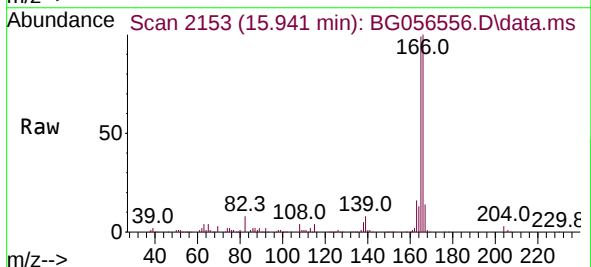
Manual Integrations

APPROVED

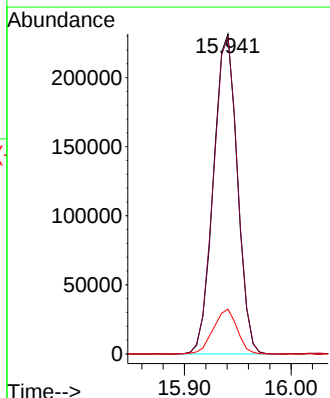
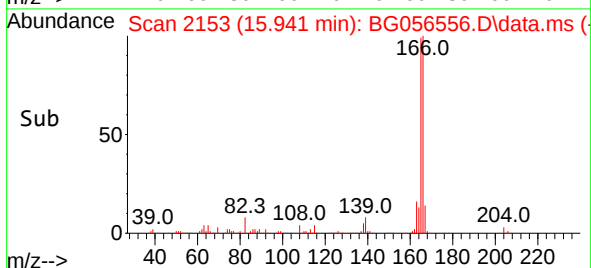
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

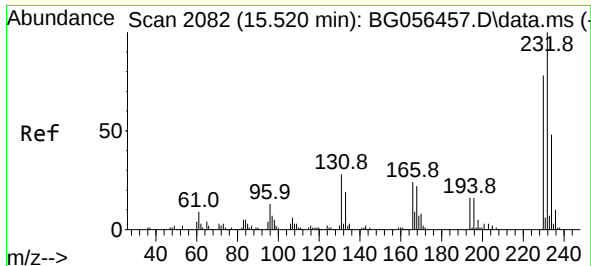


#58
Fluorene
Concen: 46.248 ng
RT: 15.941 min Scan# 2153
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:166 Resp: 359570
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 14.0 10.6 15.8





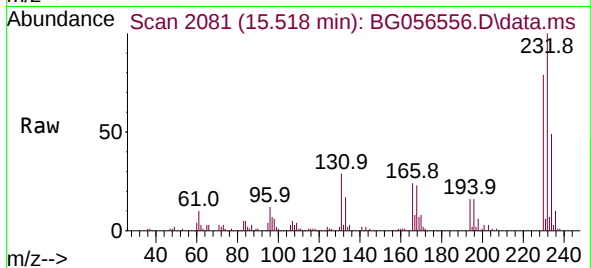
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.482 ng
RT: 15.518 min Scan# 2081
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

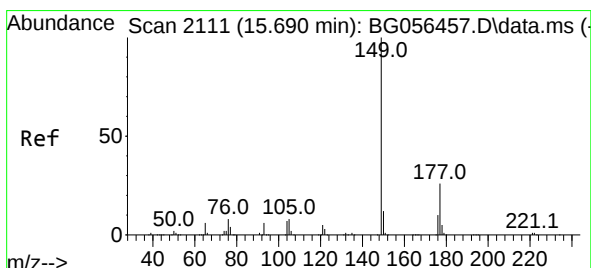
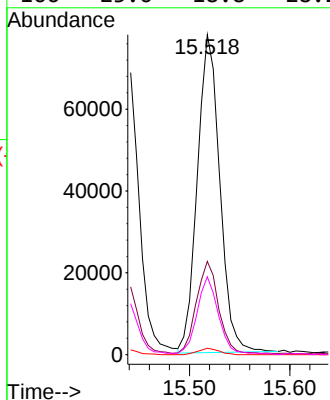
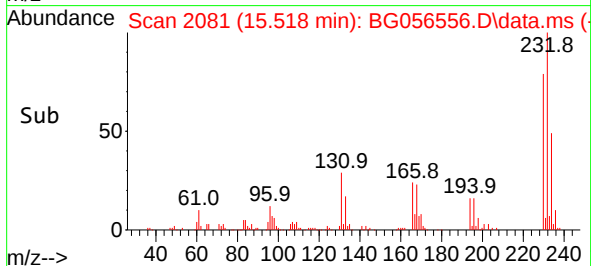


Tgt Ion:232 Resp: 120794
Ion Ratio Lower Upper
232 100
131 29.2 22.8 34.2
130 1.8 1.4 2.0
166 23.6 18.8 28.2

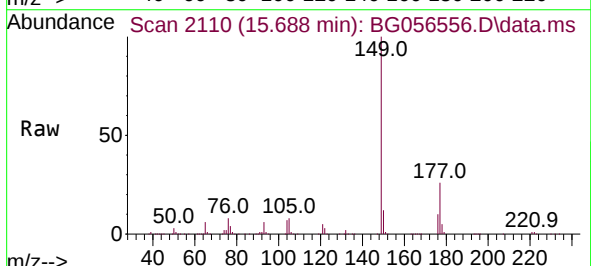
Manual Integrations

APPROVED

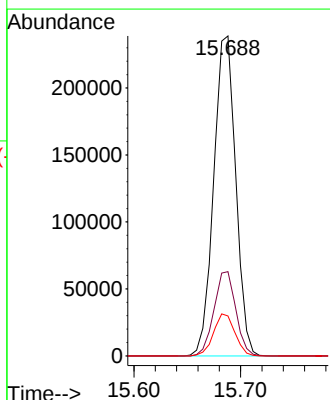
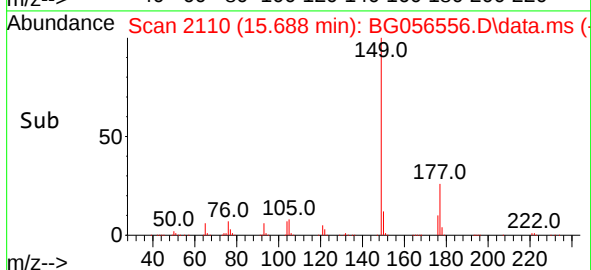
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

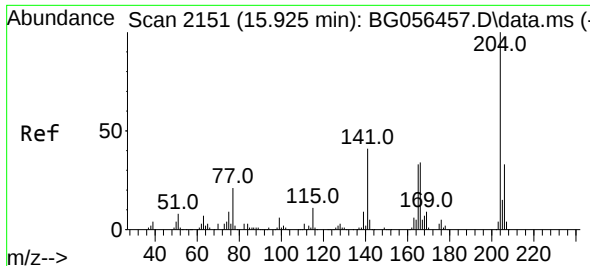


#60
Diethylphthalate
Concen: 45.392 ng
RT: 15.688 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



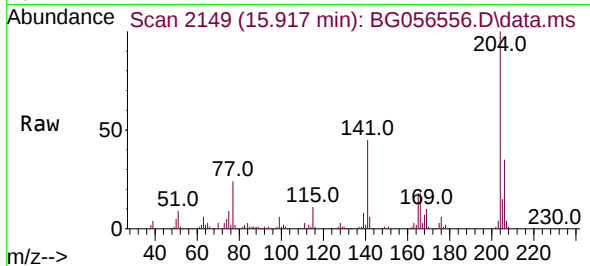
Tgt Ion:149 Resp: 343474
Ion Ratio Lower Upper
149 100
177 26.3 21.0 31.4
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.573 ng
RT: 15.917 min Scan# 2151
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

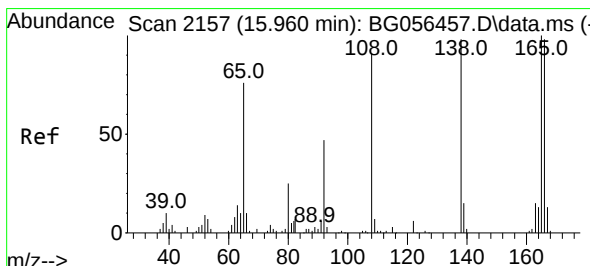
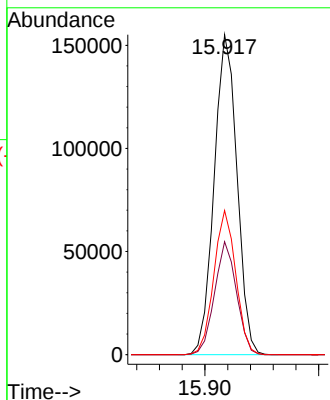
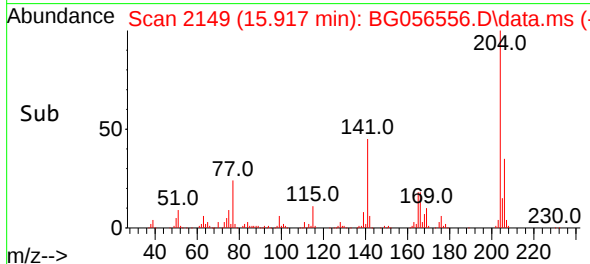
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



Tgt Ion:204 Resp: 21620
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.4
141 45.0 32.7 49.1

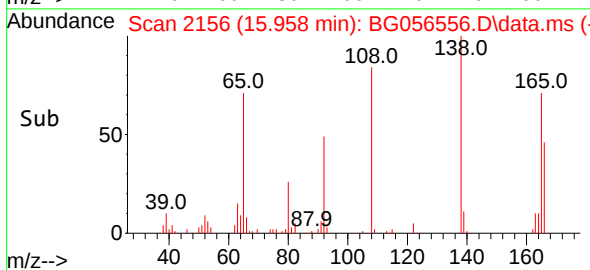
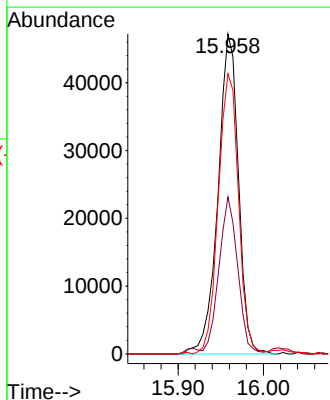
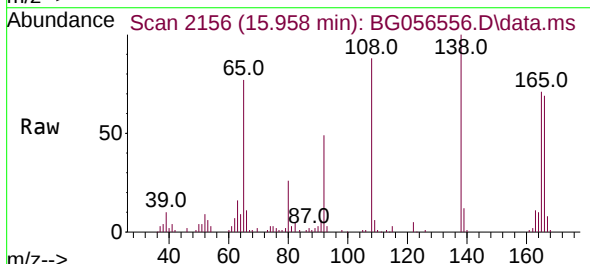
Manual Integrations
APPROVED

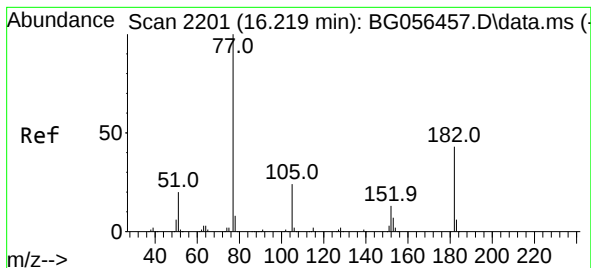
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#62
4-Nitroaniline
Concen: 46.004 ng
RT: 15.958 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

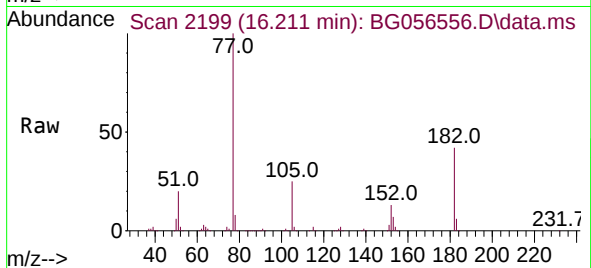
Tgt Ion:138 Resp: 78425
Ion Ratio Lower Upper
138 100
92 49.0 27.8 67.8
108 87.5 72.6 112.6





#63
Azobenzene
Concen: 57.731 ng
RT: 16.211 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

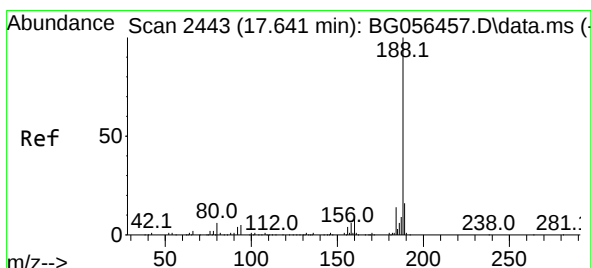
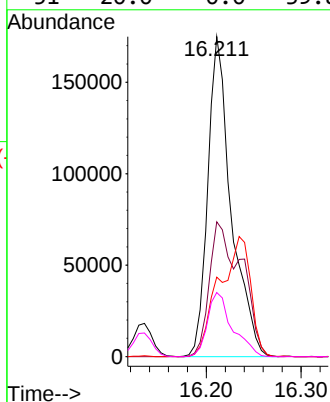
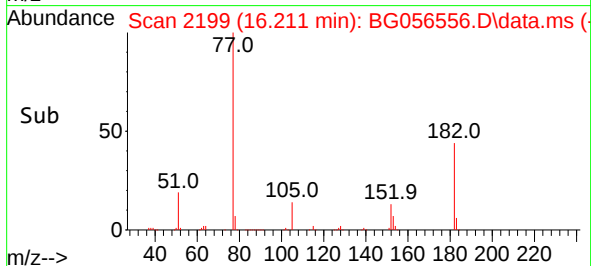
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



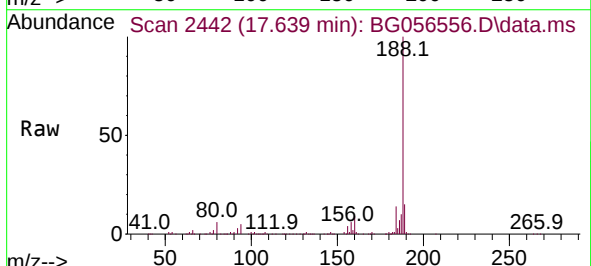
Tgt Ion: 77 Resp: 30058
Ion Ratio Lower Upper
77 100
182 42.1 23.1 63.1
105 24.8 4.2 44.2
51 20.0 0.0 39.8

Manual Integrations
APPROVED

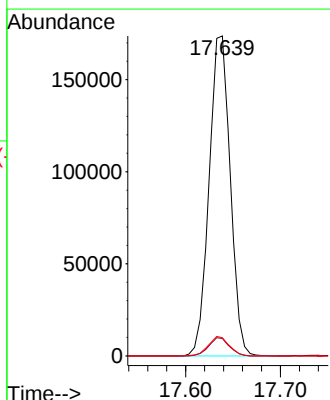
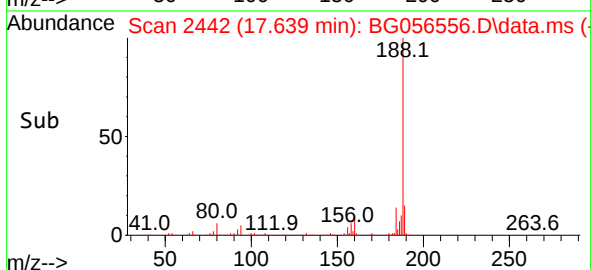
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

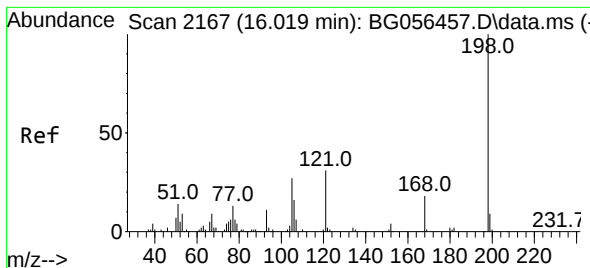


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.639 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:188 Resp: 269165
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 5.7 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 44.117 ng
RT: 16.023 min Scan# 2167
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

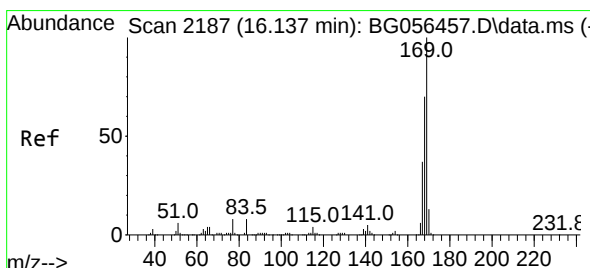
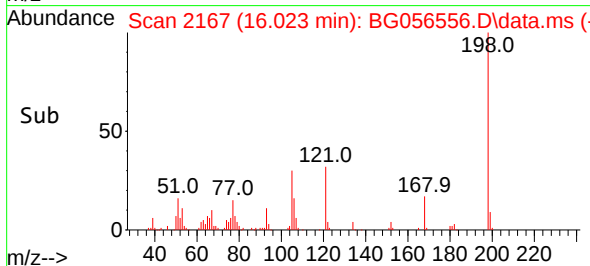
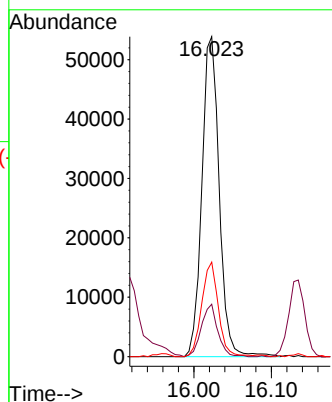
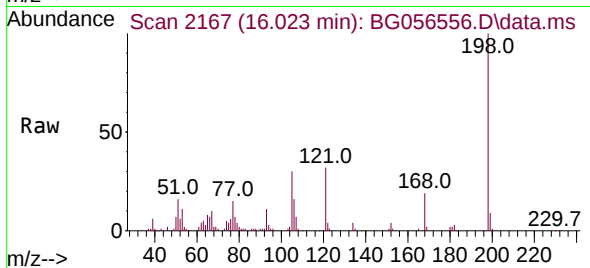
B-01-SB02MS

Tgt Ion:198 Resp: 83486
Ion Ratio Lower Upper
198 100
51 16.4 0.0 35.0
105 29.5 7.4 47.4

Manual Integrations

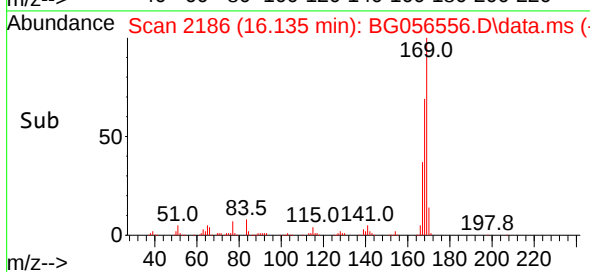
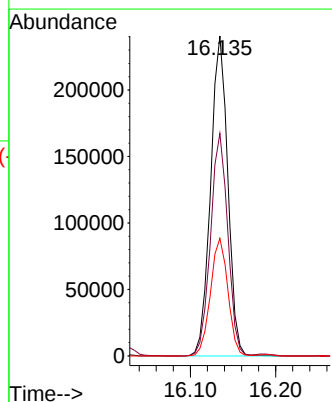
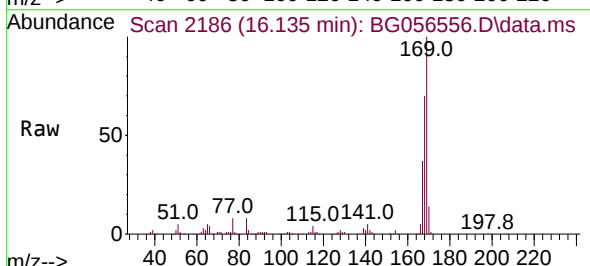
APPROVED

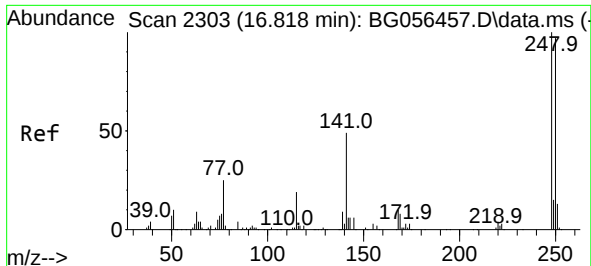
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#66
n-Nitrosodiphenylamine
Concen: 44.102 ng
RT: 16.135 min Scan# 2186
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:169 Resp: 336098
Ion Ratio Lower Upper
169 100
168 69.5 55.8 83.6
167 36.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 44.309 ng
RT: 16.810 min Scan# 2303
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

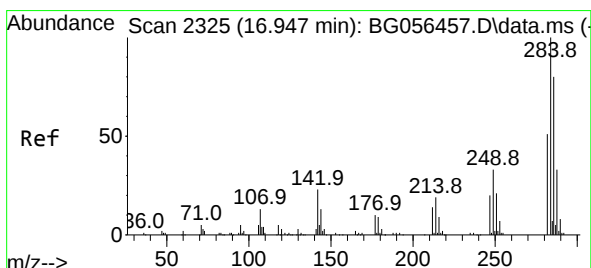
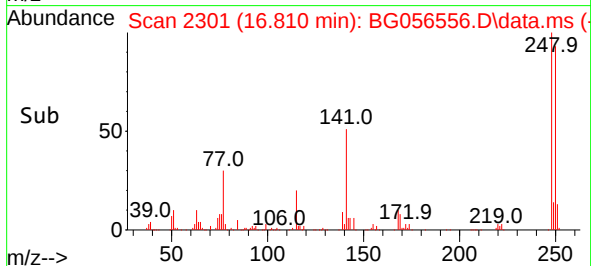
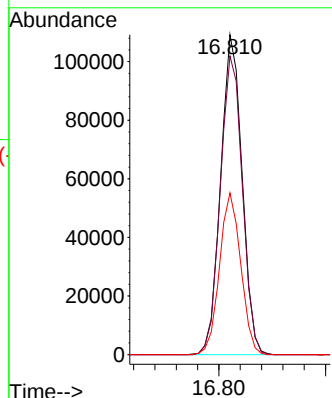
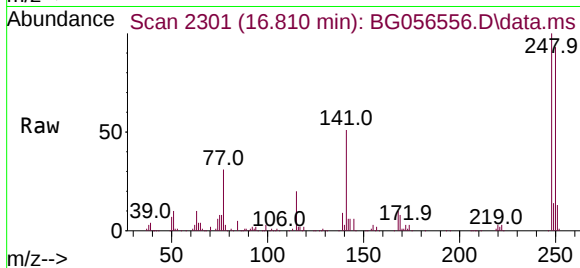
B-01-SB02MS

Tgt Ion:248 Resp: 152678
Ion Ratio Lower Upper
248 100
250 93.3 77.6 116.4
141 50.5 39.0 58.4

Manual Integrations

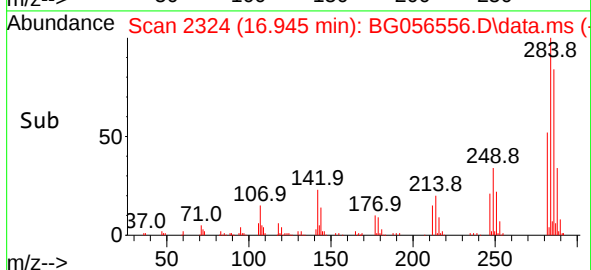
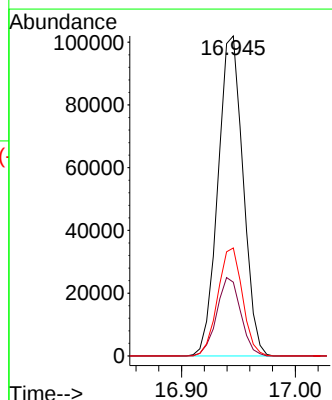
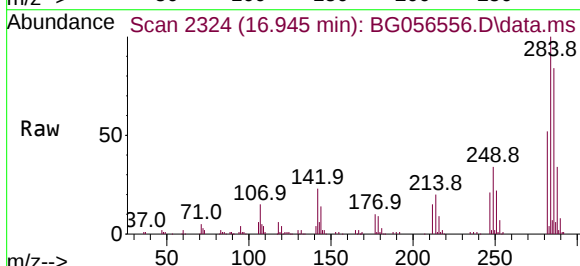
APPROVED

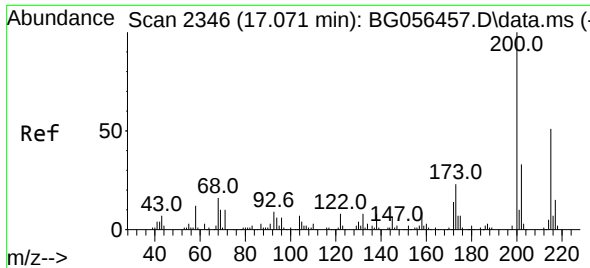
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#68
Hexachlorobenzene
Concen: 46.289 ng
RT: 16.945 min Scan# 2324
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:284 Resp: 156219
Ion Ratio Lower Upper
284 100
142 23.0 18.0 27.0
249 36.0 26.7 40.1





#69
 Atrazine
 Concen: 51.098 ng
 RT: 17.069 min Scan# 2345
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

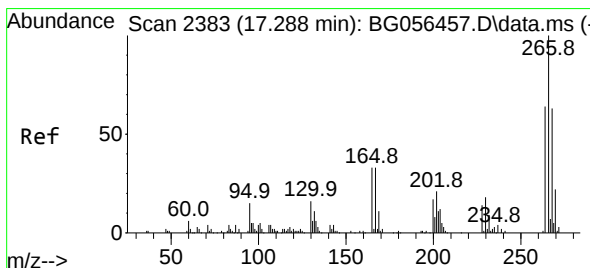
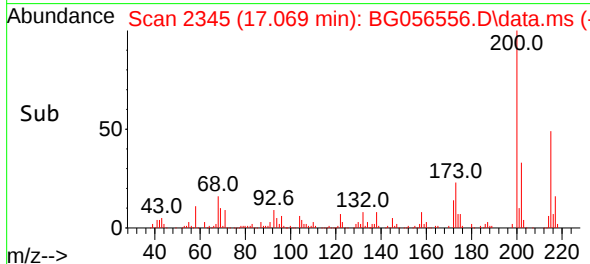
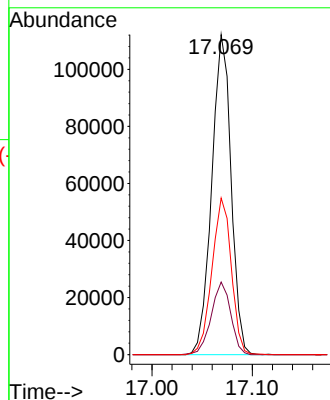
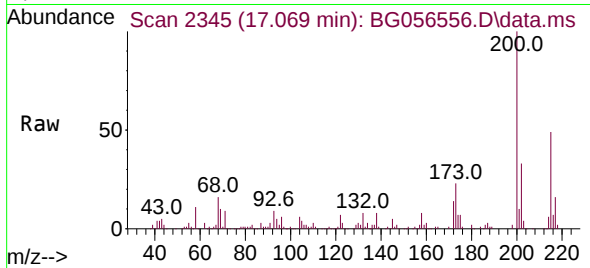
B-01-SB02MS

Tgt Ion:200 Resp: 150231
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.2 43.2
 215 48.9 30.7 70.7

Manual Integrations

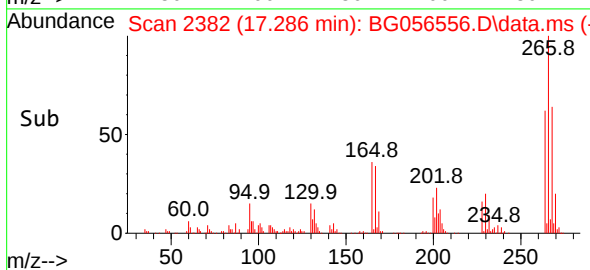
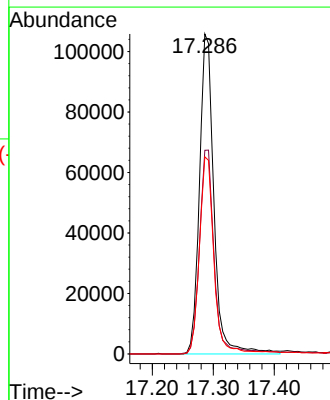
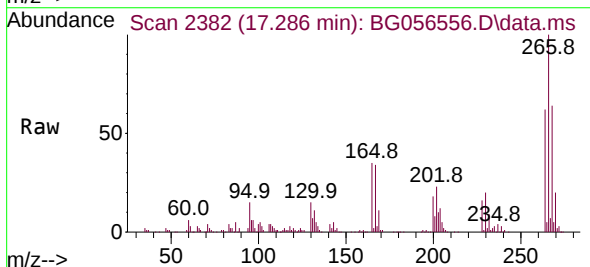
APPROVED

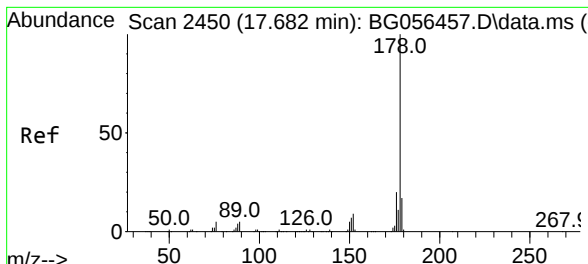
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#70
 Pentachlorophenol
 Concen: 85.151 ng
 RT: 17.286 min Scan# 2382
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Tgt Ion:266 Resp: 173886
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.2 75.4
 264 61.6 51.4 77.0





#71
 Phenanthrene
 Concen: 45.698 ng
 RT: 17.680 min Scan# 2449
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

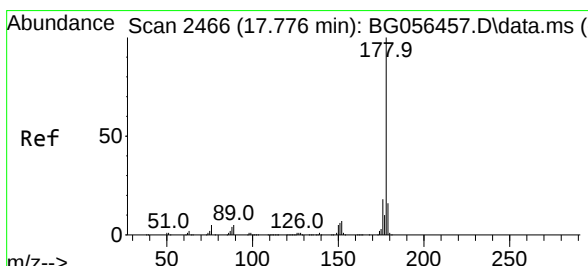
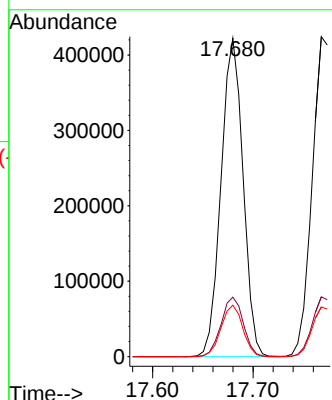
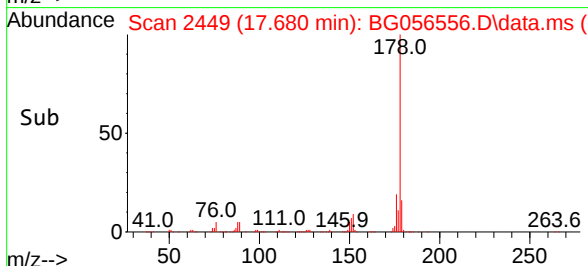
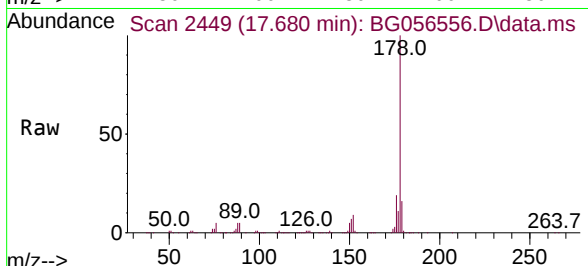
B-01-SB02MS

Tgt Ion:	178	Resp:	643778
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.6	23.4
179	16.1	13.3	19.9

Manual Integrations

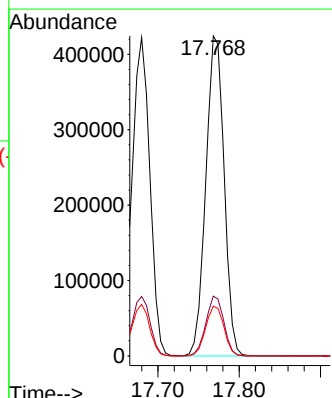
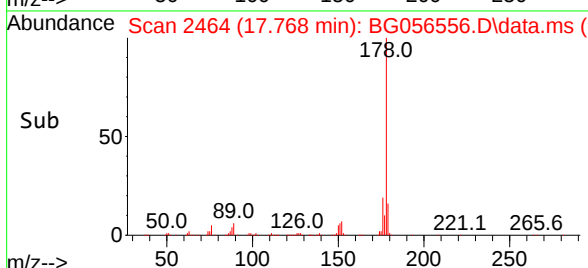
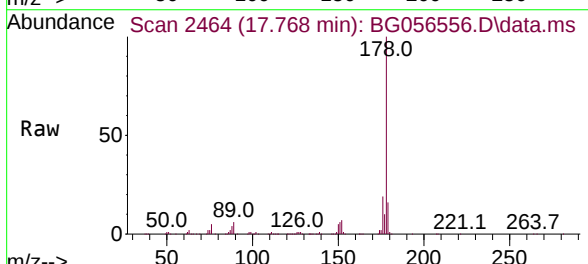
APPROVED

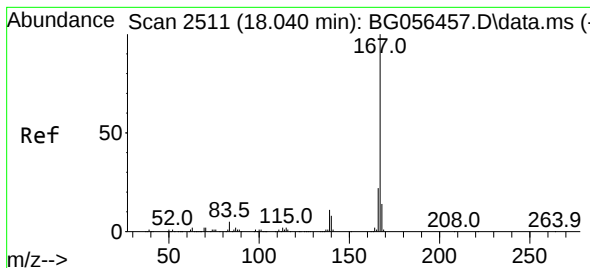
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#72
 Anthracene
 Concen: 46.003 ng
 RT: 17.768 min Scan# 2464
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Tgt Ion:	178	Resp:	665262
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.5	21.7
179	15.5	12.5	18.7





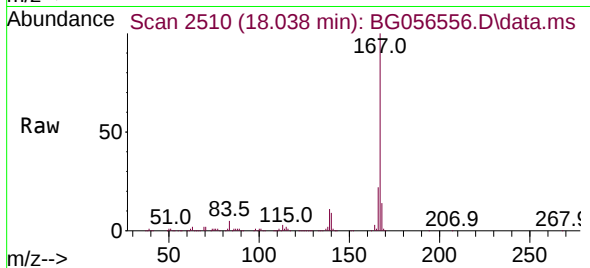
#73
 Carbazole
 Concen: 47.218 ng
 RT: 18.038 min Scan# 2510
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

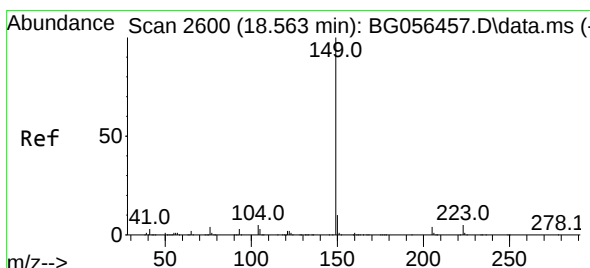
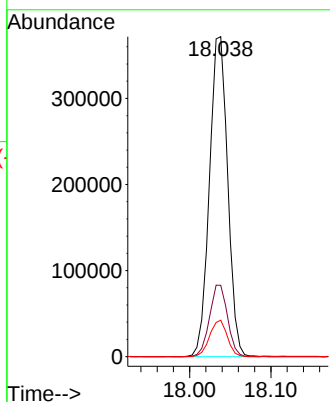
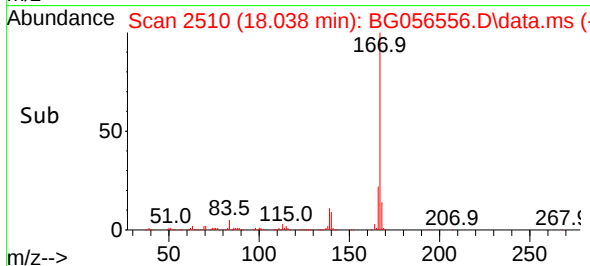


Tgt Ion:167 Resp: 581563
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 11.4 8.9 13.3

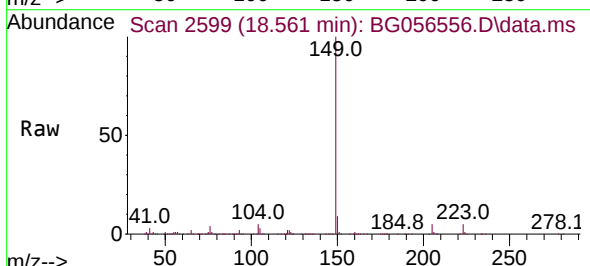
Manual Integrations

APPROVED

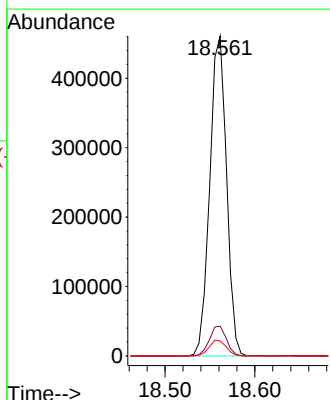
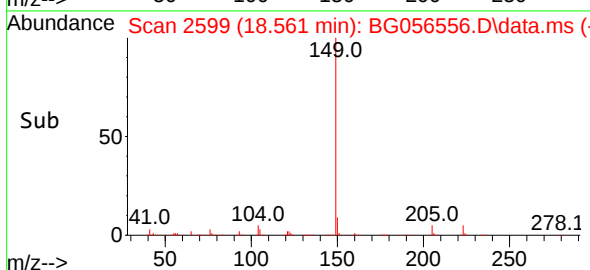
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023

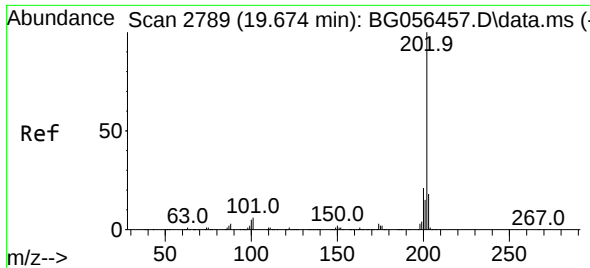


#74
 Di-n-butylphthalate
 Concen: 46.528 ng
 RT: 18.561 min Scan# 2599
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43



Tgt Ion:149 Resp: 601713
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.7 4.0 6.0





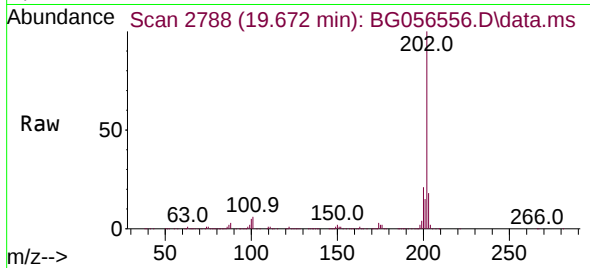
#75
Fluoranthene
Concen: 45.152 ng
RT: 19.672 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

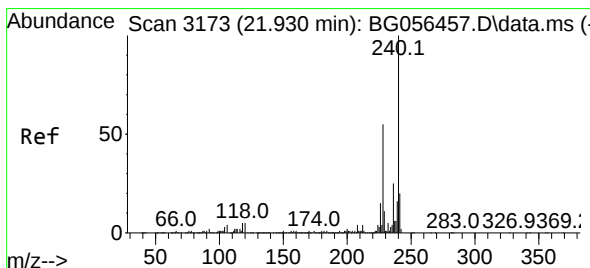
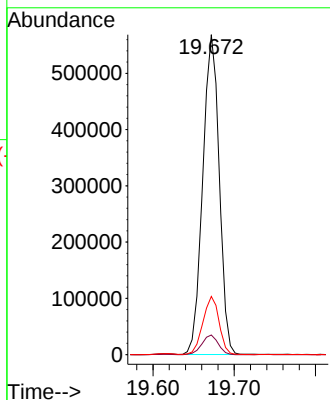
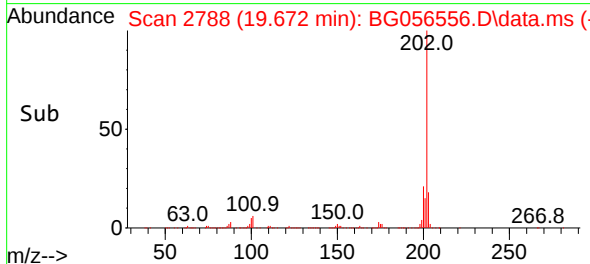


Tgt Ion:202 Resp: 802815
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.6
203 18.2 0.0 38.1

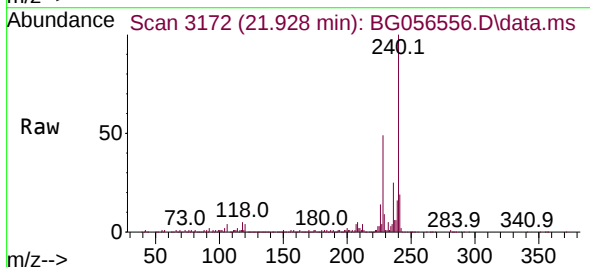
Manual Integrations

APPROVED

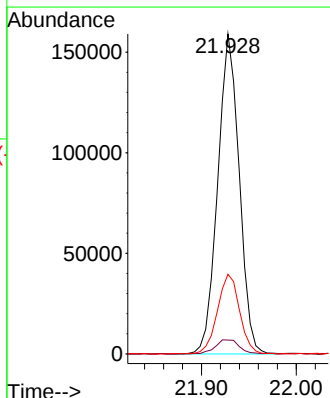
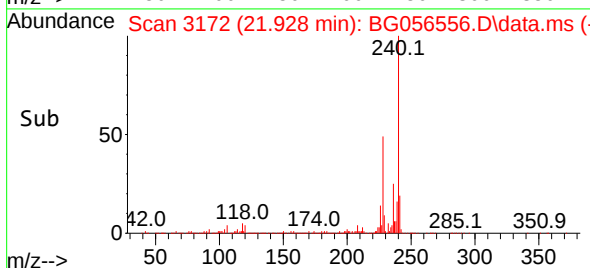
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

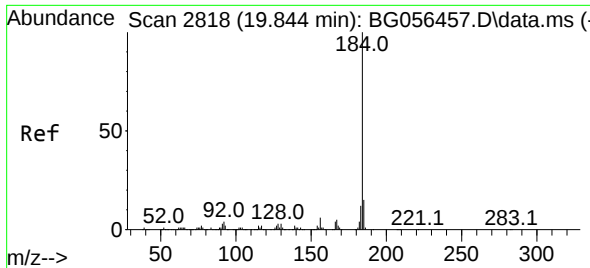


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:240 Resp: 250096
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 24.9 20.2 30.2





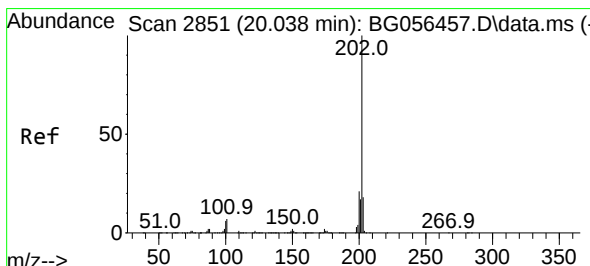
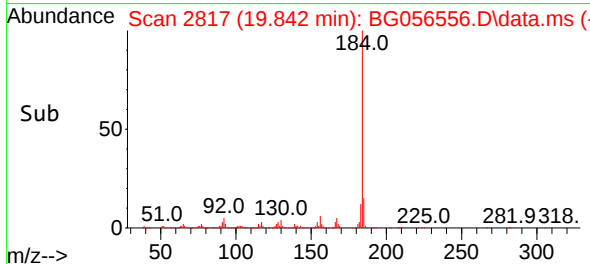
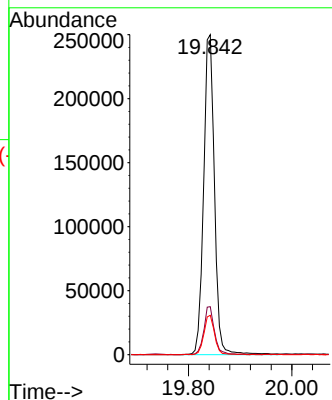
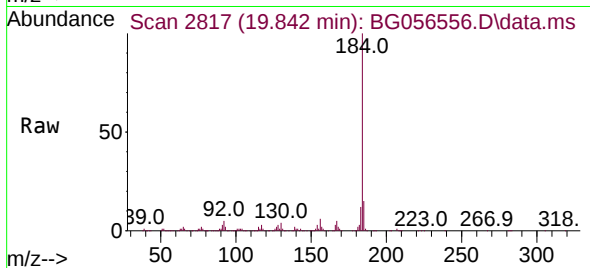
#77
Benzidine
Concen: 53.577 ng
RT: 19.842 min Scan# 2818
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS

Tgt Ion:184 Resp: 362605
Ion Ratio Lower Upper
184 100
185 15.0 12.3 18.5
183 12.3 9.8 14.8

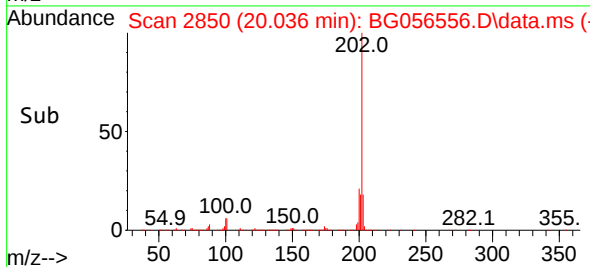
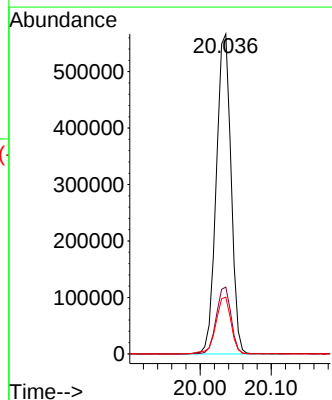
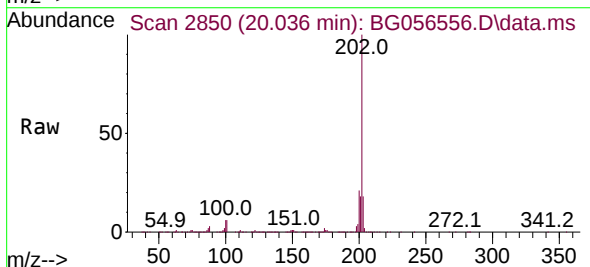
Manual Integrations
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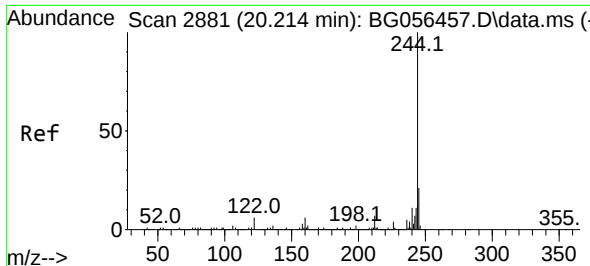
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#78
Pyrene
Concen: 46.083 ng
RT: 20.036 min Scan# 2850
Delta R.T. 0.004 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:202 Resp: 819686
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 14.4 21.6





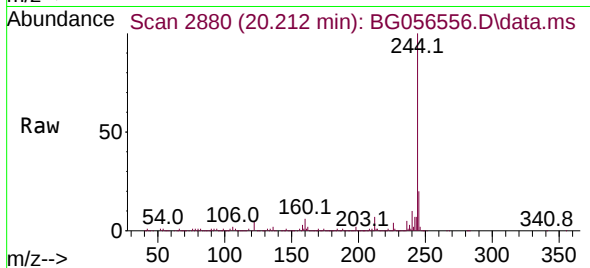
#79
 Terphenyl-d14
 Concen: 74.339 ng
 RT: 20.212 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

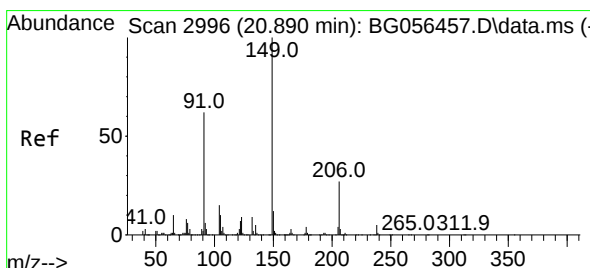
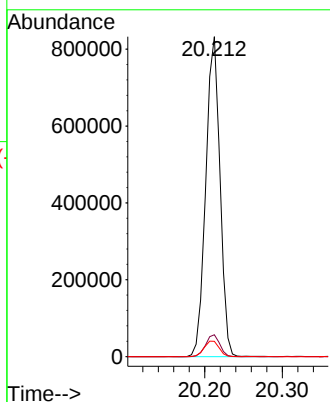
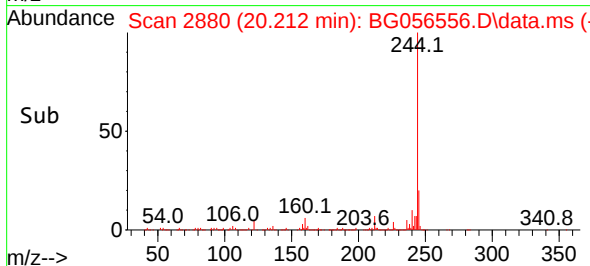


Tgt Ion:244 Resp: 1058538
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 4.8 4.4 6.6

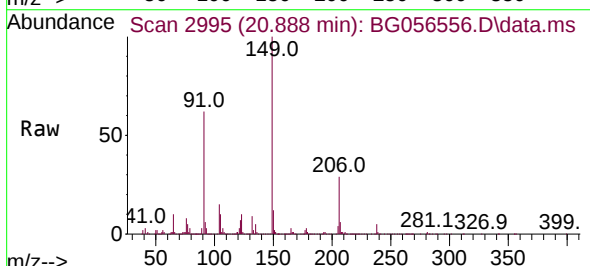
Manual Integrations

APPROVED

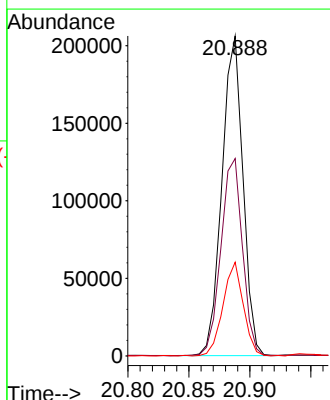
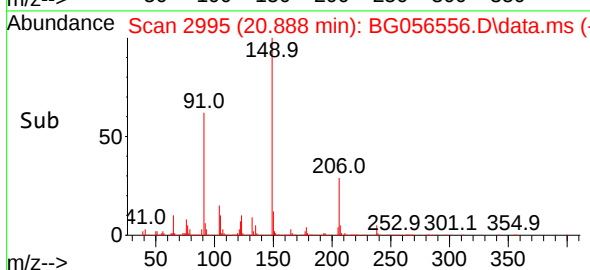
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023

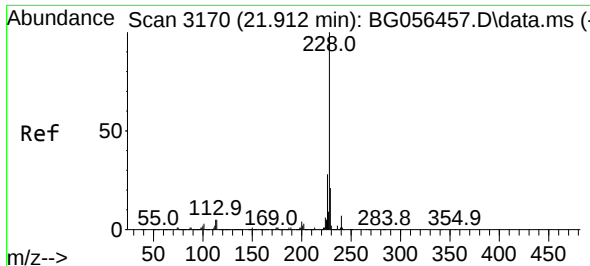


#80
 Butylbenzylphthalate
 Concen: 45.518 ng
 RT: 20.888 min Scan# 2995
 Delta R.T. -0.002 min
 Lab File: BG056556.D
 Acq: 6 Feb 2023 15:43



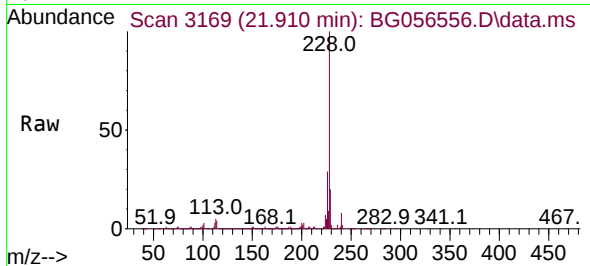
Tgt Ion:149 Resp: 247270
 Ion Ratio Lower Upper
 149 100
 91 61.7 49.4 74.0
 206 29.3 22.0 33.0





#81
Benzo(a)anthracene
Concen: 45.629 ng
RT: 21.910 min Scan# 3170
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

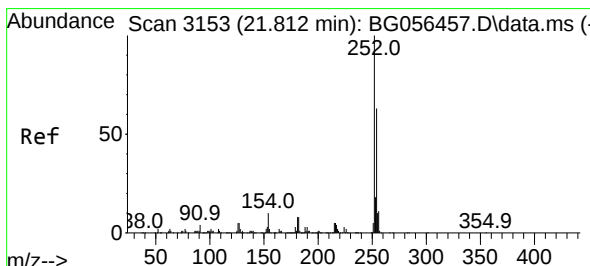
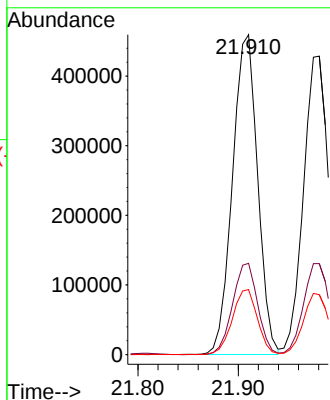
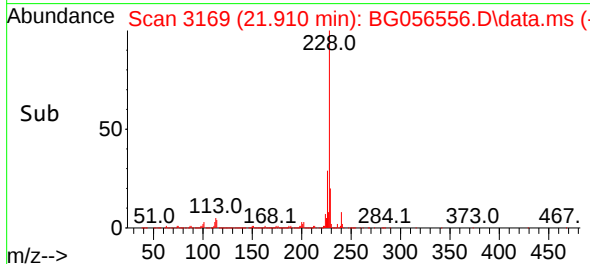
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



Tgt Ion:228 Resp: 797799
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.3 16.5 24.7

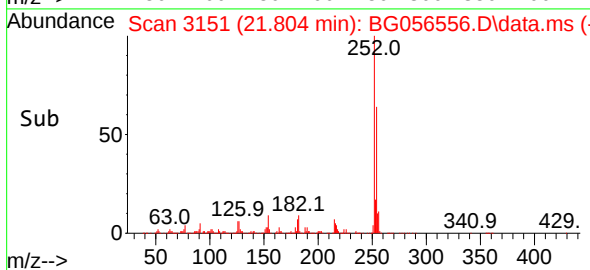
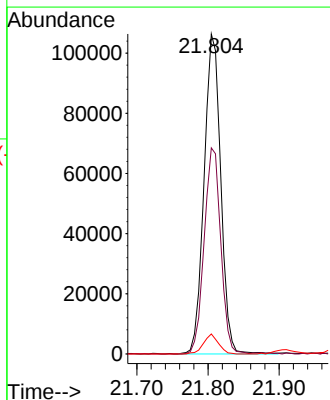
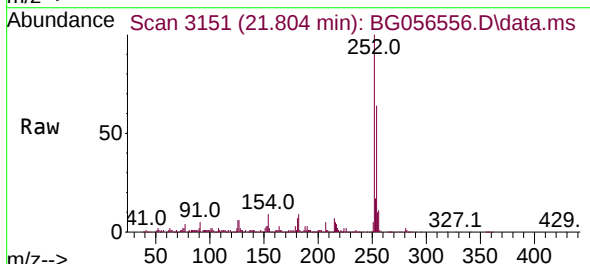
Manual Integrations
APPROVED

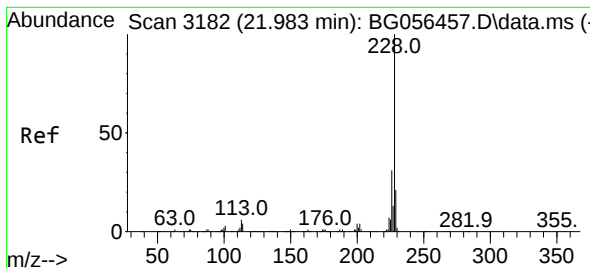
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.453 ng
RT: 21.804 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

Tgt Ion:252 Resp: 172856
Ion Ratio Lower Upper
252 100
254 64.4 50.0 75.0
126 6.2 4.3 6.5





#83

Chrysene

Concen: 45.513 ng

RT: 21.981 min Scan# 3182

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion:228 Resp: 747618

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

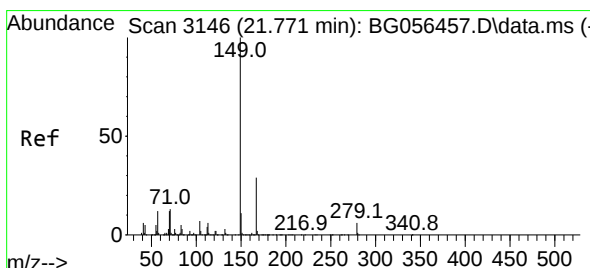
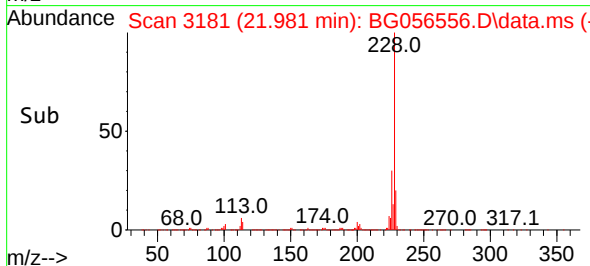
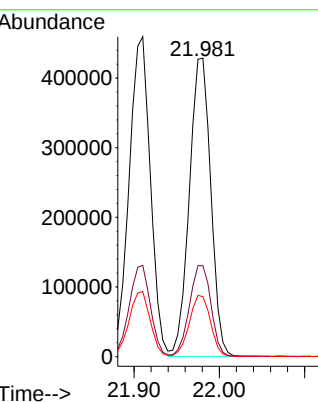
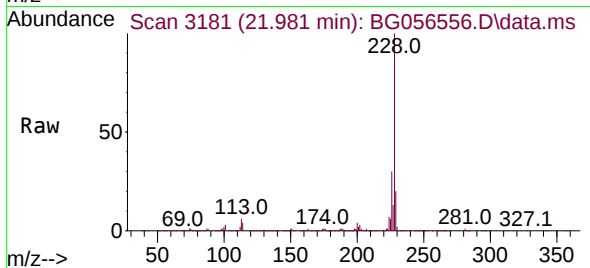
229 20.1 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.167 ng

RT: 21.763 min Scan# 3144

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

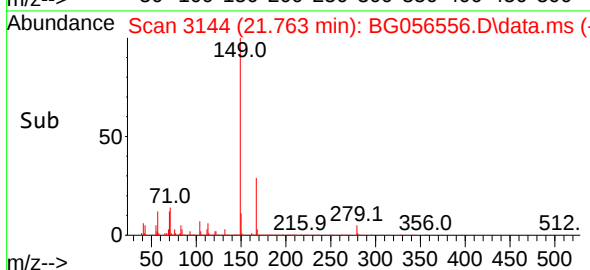
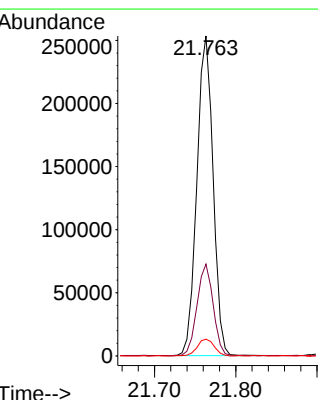
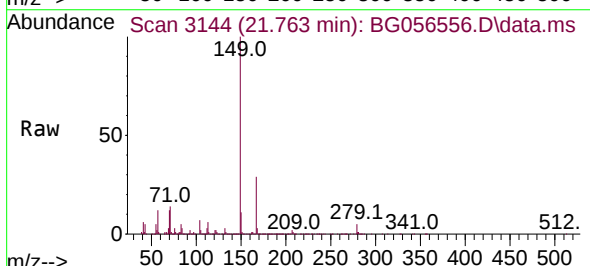
Tgt Ion:149 Resp: 351777

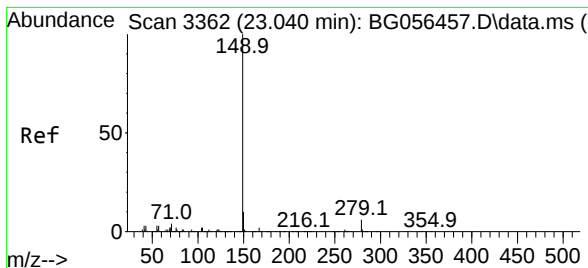
Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.2

279 5.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 45.883 ng

RT: 23.032 min Scan# 3362

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion:149 Resp: 595118

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

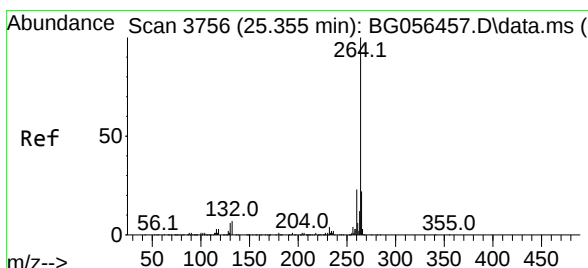
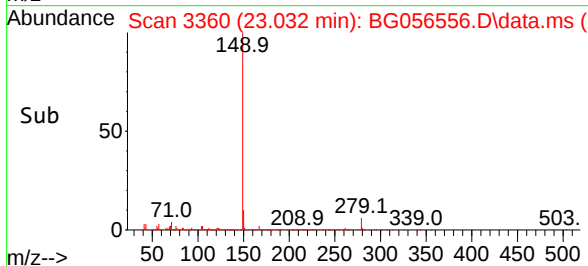
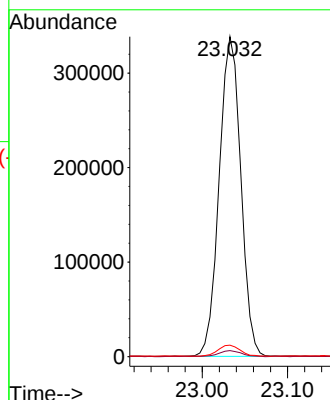
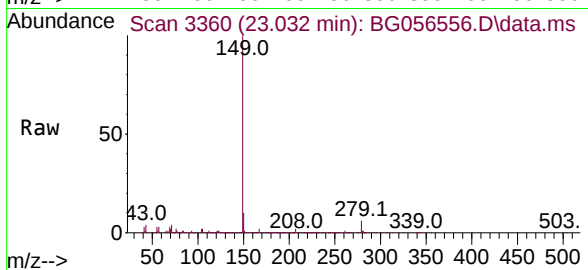
43 3.5 2.7 4.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.353 min Scan# 3755

Delta R.T. -0.008 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

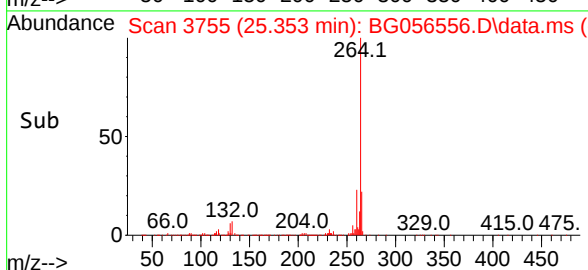
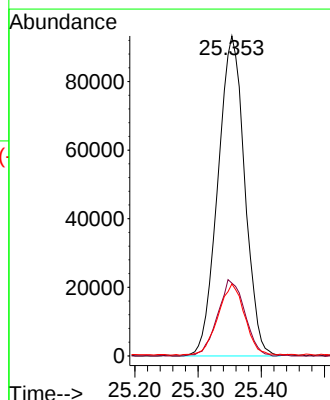
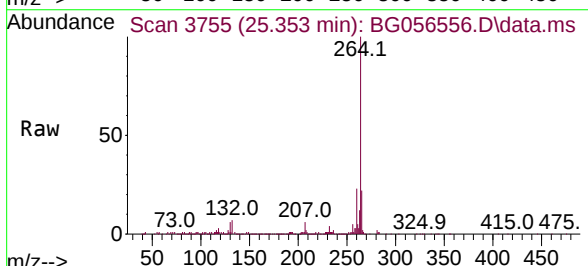
Tgt Ion:264 Resp: 274790

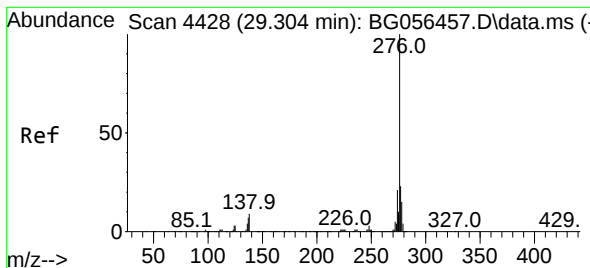
Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.035 ng

RT: 29.313 min Scan# 4428

Delta R.T. -0.008 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MS

Tgt Ion:276 Resp: 946110

Ion Ratio Lower Upper

276 100

138 5.4 9.4 14.2

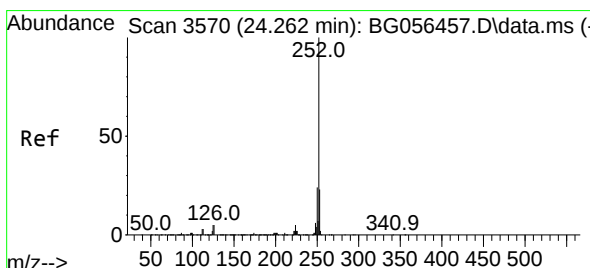
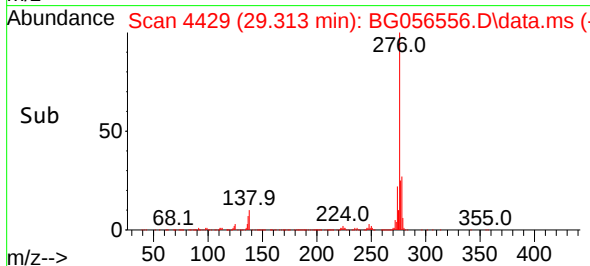
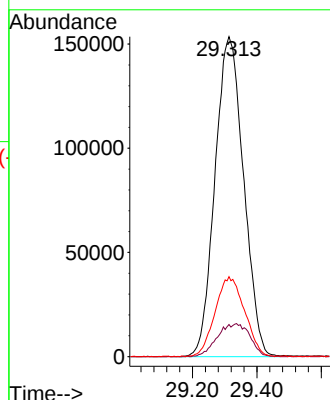
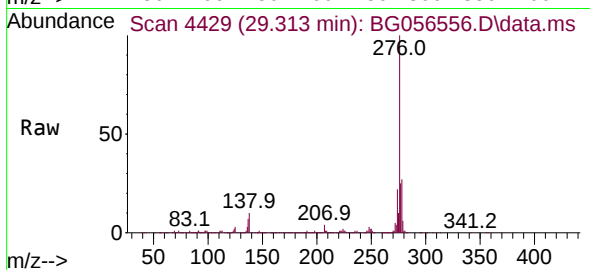
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#88

Benzo(b)fluoranthene

Concen: 48.292 ng

RT: 24.260 min Scan# 3569

Delta R.T. -0.002 min

Lab File: BG056556.D

Acq: 6 Feb 2023 15:43

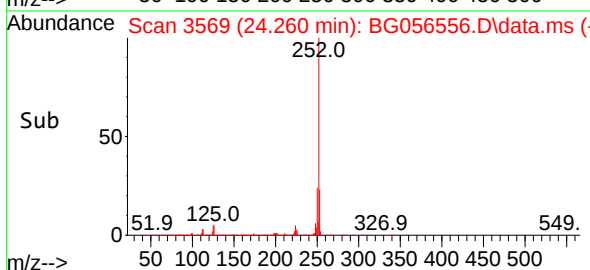
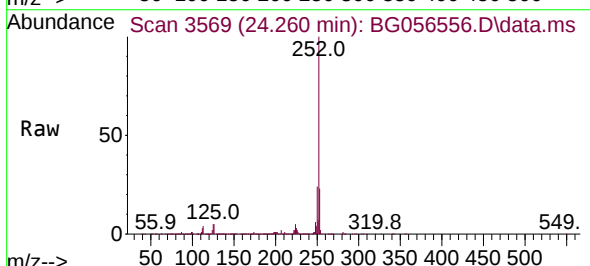
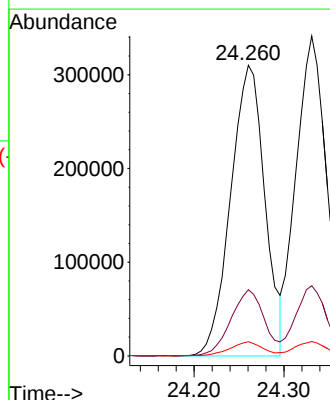
Tgt Ion:252 Resp: 823661

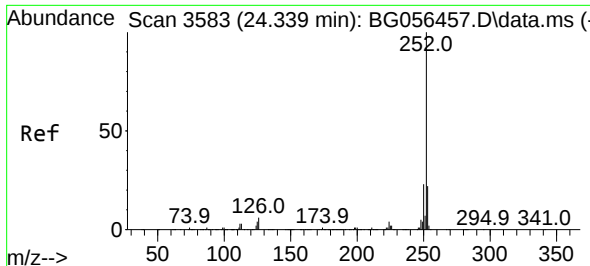
Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

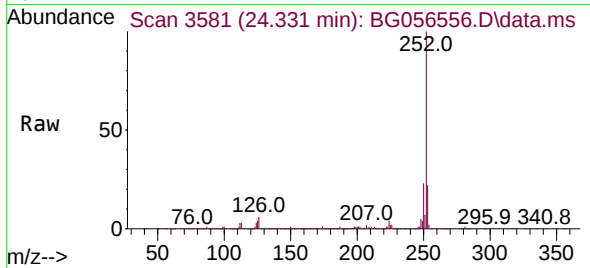
125 4.9 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 46.586 ng
RT: 24.331 min Scan# 3583
Delta R.T. -0.008 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

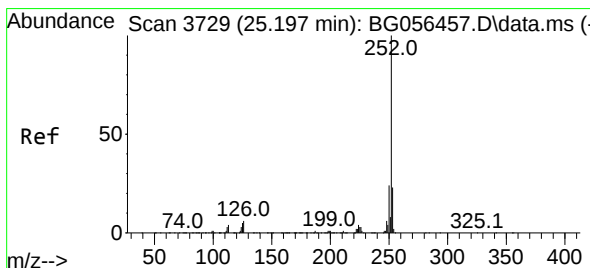
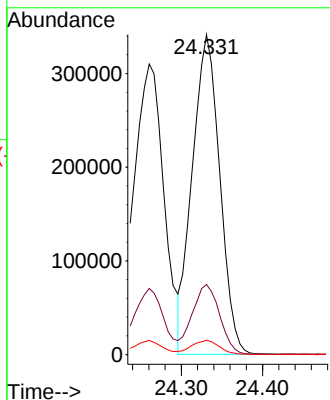
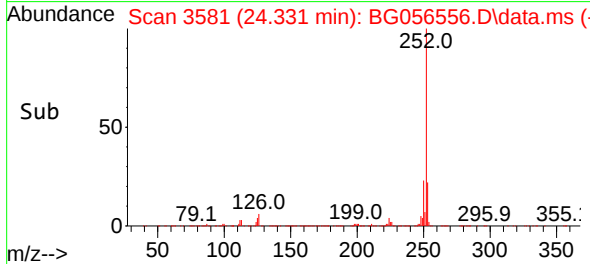
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



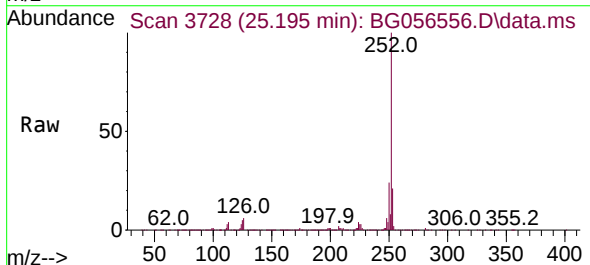
Tgt Ion:252 Resp: 802232
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 4.5 3.4 5.0

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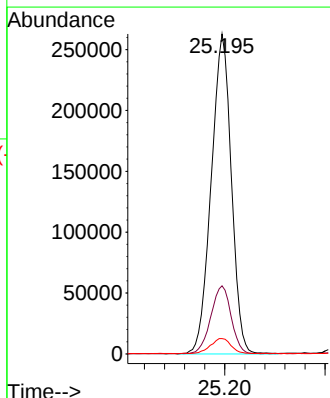
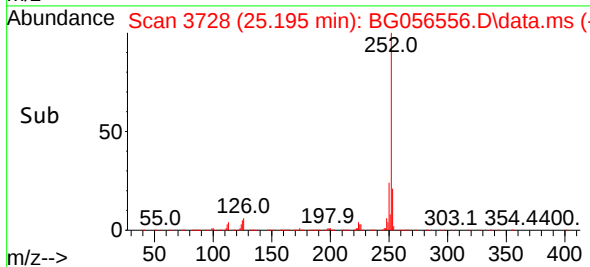
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

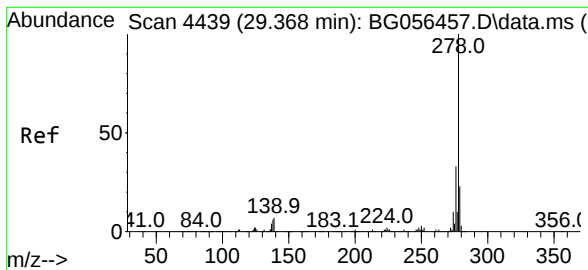


#90
Benzo(a)pyrene
Concen: 43.495 ng
RT: 25.195 min Scan# 3728
Delta R.T. -0.002 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



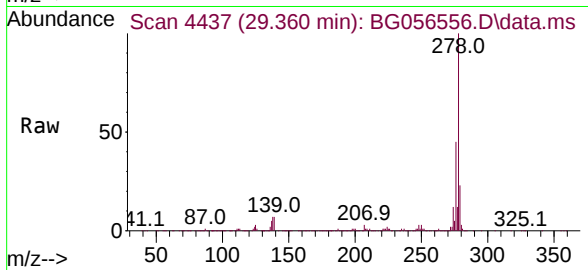
Tgt Ion:252 Resp: 730760
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 4.8 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 47.491 ng
RT: 29.360 min Scan# 4439
Delta R.T. -0.014 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43

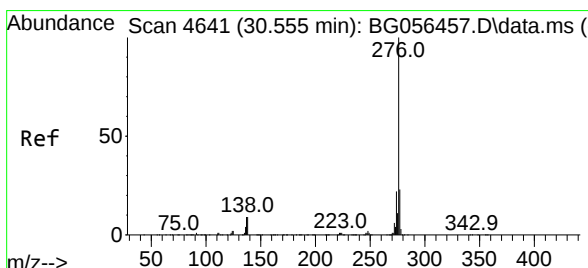
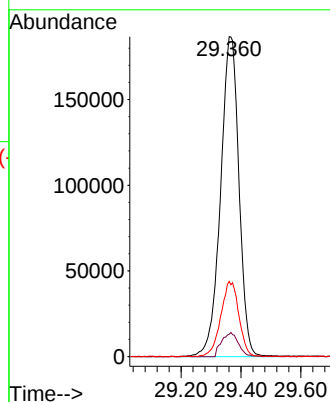
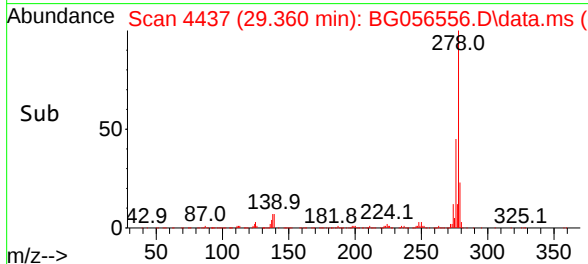
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS



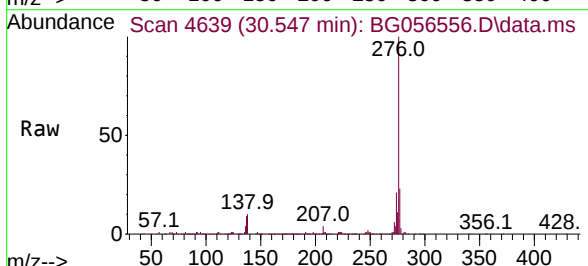
Tgt Ion:278 Resp: 801854
Ion Ratio Lower Upper
278 100
139 7.0 5.5 8.3
279 23.5 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#92
Benzo(g,h,i)perylene
Concen: 46.980 ng
RT: 30.547 min Scan# 4639
Delta R.T. -0.019 min
Lab File: BG056556.D
Acq: 6 Feb 2023 15:43



Tgt Ion:276 Resp: 765388
Ion Ratio Lower Upper
276 100
277 22.8 18.5 27.7
138 9.6 7.4 11.0

