

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056641.D
 Acq On : 15 Feb 2023 19:55
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG021523

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:35:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.441	152	17513	20.000	ng	0.00
21) Naphthalene-d8	11.279	136	73630	20.000	ng	0.00
39) Acenaphthene-d10	15.045	164	56903	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	145260	20.000	ng	0.00
76) Chrysene-d12	22.095	240	133451	20.000	ng	0.00
86) Perylene-d12	25.638	264	151892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	89839	83.466	ng	0.00
7) Phenol-d6	7.559	99	138541	87.136	ng	0.00
23) Nitrobenzene-d5	9.616	82	129992	90.394	ng	0.00
42) 2,4,6-Tribromophenol	16.520	330	68558	88.000	ng	0.00
45) 2-Fluorobiphenyl	13.676	172	344954	81.176	ng	0.00
79) Terphenyl-d14	20.345	244	674763	82.726	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	18727	39.685	ng	98
3) Pyridine	4.175	79	62533	41.895	ng	98
4) n-Nitrosodimethylamine	4.081	42	30225	43.442	ng	88
6) Aniline	7.747	93	93301	42.224	ng	99
8) 2-Chlorophenol	7.994	128	46161	43.345	ng	97
9) Benzaldehyde	7.559	77	33533	39.881	ng	88
10) Phenol	7.583	94	71314	43.848	ng	97
11) bis(2-Chloroethyl)ether	7.842	93	51063	41.845	ng	95
12) 1,3-Dichlorobenzene	8.329	146	51685	40.734	ng	98
13) 1,4-Dichlorobenzene	8.476	146	52617	41.177	ng	93
14) 1,2-Dichlorobenzene	8.799	146	49769	40.520	ng	96
15) Benzyl Alcohol	8.664	79	63384	44.522	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.964	45	66853m	40.806	ng	
17) 2-Methylphenol	8.858	107	49181	43.030	ng	95
18) Hexachloroethane	9.545	117	17899	44.219	ng	99
19) n-Nitroso-di-n-propyla...	9.246	70	54057	45.415	ng	96
20) 3+4-Methylphenols	9.187	107	68034	43.332	ng	92
22) Acetophenone	9.263	105	89879	39.951	ng	98
24) Nitrobenzene	9.657	77	70314	42.316	ng	96
25) Isophorone	10.180	82	142554	40.732	ng	99
26) 2-Nitrophenol	10.374	139	25161	42.493	ng	91
27) 2,4-Dimethylphenol	10.409	122	55533	41.041	ng	97
28) bis(2-Chloroethoxy)met...	10.656	93	72074	40.409	ng	# 97
29) 2,4-Dichlorophenol	10.909	162	57445	42.835	ng	96
30) 1,2,4-Trichlorobenzene	11.132	180	62643	39.213	ng	96
31) Naphthalene	11.332	128	163420	40.047	ng	99
32) Benzoic acid	10.515	122	40114m	45.997	ng	
33) 4-Chloroaniline	11.420	127	76169	40.854	ng	99
34) Hexachlorobutadiene	11.608	225	46544	40.769	ng	98
35) Caprolactam	12.183	113	18701	43.357	ng	# 78
36) 4-Chloro-3-methylphenol	12.501	107	64219	43.423	ng	99
37) 2-Methylnaphthalene	12.900	142	130431	40.481	ng	100
38) 1-Methylnaphthalene	13.118	142	121431	40.389	ng	94
40) 1,2,4,5-Tetrachloroben...	13.259	216	86203	40.751	ng	97
41) Hexachlorocyclopentadiene	13.235	237	49452	43.102	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	58455	45.546	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.552	196	68469	44.512	ng	98
46) 1,1'-Biphenyl	13.882	154	176547	40.958	ng	97
47) 2-Chloronaphthalene	13.934	162	140127	41.080	ng	99
48) 2-Nitroaniline	14.117	65	41058	42.050	ng	93
49) Acenaphthylene	14.769	152	224833	40.566	ng	98
50) Dimethylphthalate	14.481	163	198213	42.137	ng	100
51) 2,6-Dinitrotoluene	14.598	165	38745	42.612	ng	89
52) Acenaphthene	15.109	154	142011	41.538	ng	98
53) 3-Nitroaniline	14.933	138	40033	43.843	ng	97
54) 2,4-Dinitrophenol	15.127	184	23922	44.019	ng	96
55) Dibenzofuran	15.438	168	236091	40.876	ng	98
56) 4-Nitrophenol	15.203	139	31473	44.988	ng	97
57) 2,4-Dinitrotoluene	15.380	165	53280	46.443	ng	# 95
58) Fluorene	16.079	166	184760	40.458	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.650	232	60583	44.938	ng	92
60) Diethylphthalate	15.832	149	198001	41.728	ng	99
61) 4-Chlorophenyl-phenyle...	16.067	204	113311	40.615	ng	97
62) 4-Nitroaniline	16.091	138	41667	43.785	ng	90
63) Azobenzene	16.355	77	191829	40.394	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	31123	41.490	ng	98
66) n-Nitrosodiphenylamine	16.273	169	172643	40.854	ng	98
67) 4-Bromophenyl-phenylether	16.960	248	75607	40.540	ng	97
68) Hexachlorobenzene	17.084	284	78580	41.356	ng	99
69) Atrazine	17.207	200	66911	41.235	ng	96
70) Pentachlorophenol	17.413	266	56491	44.893	ng	97
71) Phenanthrene	17.824	178	323793	40.971	ng	99
72) Anthracene	17.912	178	328612	40.637	ng	99
73) Carbazole	18.171	167	283616	40.686	ng	98
74) Di-n-butylphthalate	18.705	149	327299	41.956	ng	99
75) Fluoranthene	19.804	202	417753	40.062	ng	100
77) Benzidine	19.968	184	125622	39.357	ng	97
78) Pyrene	20.162	202	422246	41.896	ng	99
80) Butylbenzylphthalate	21.032	149	137289	45.363	ng	98
81) Benzo(a)anthracene	22.078	228	407675	41.078	ng	96
82) 3,3'-Dichlorobenzidine	21.972	252	134730	41.843	ng	99
83) Chrysene	22.148	228	378578	40.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.949	149	199187	43.921	ng	99
85) Di-n-octyl phthalate	23.276	149	332894	44.164	ng	100
87) Indeno(1,2,3-cd)pyrene	29.739	276	491336	41.304	ng	# 98
88) Benzo(b)fluoranthene	24.504	252	406260	40.940	ng	100
89) Benzo(k)fluoranthene	24.581	252	396396	40.621	ng	99
90) Benzo(a)pyrene	25.474	252	394118	41.319	ng	98
91) Dibenzo(a,h)anthracene	29.822	278	409639	41.578	ng	# 97
92) Benzo(g,h,i)perylene	31.032	276	399150	41.462	ng	96

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

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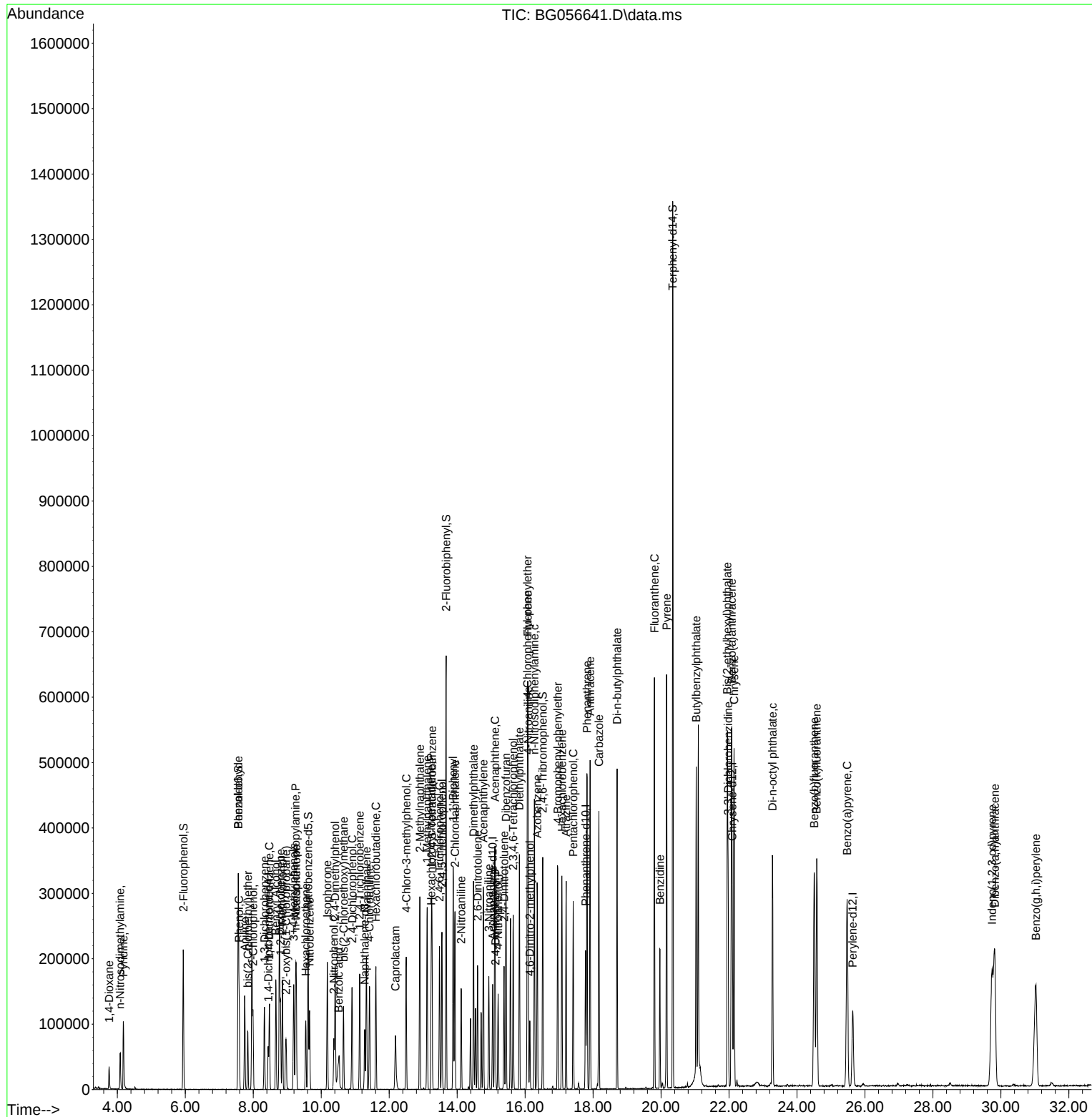
Quant Time: Feb 16 01:35:22 2023

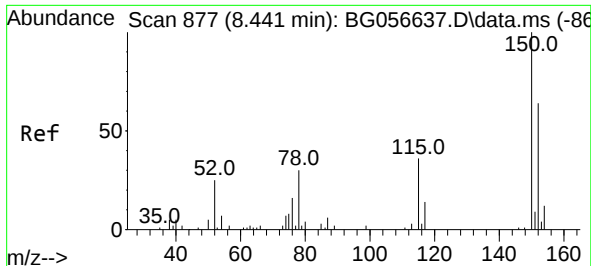
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QLast Update : Thu Feb 16 01:33:33 2023

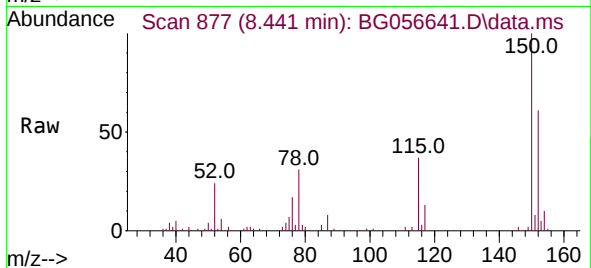
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.441 min Scan# 877
Delta R.T. -0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

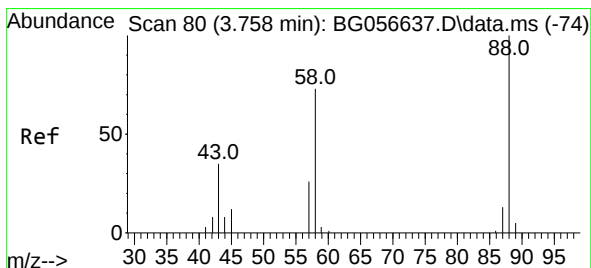
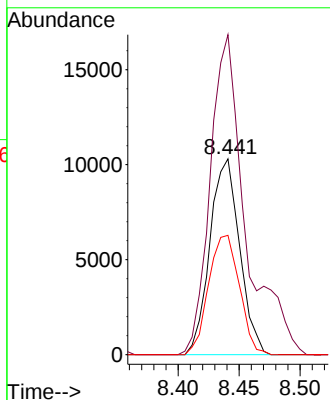
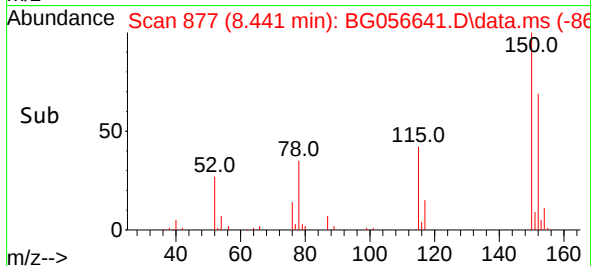
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Tgt Ion:152 Resp: 17513
Ion Ratio Lower Upper
152 100
150 163.5 124.8 187.2
115 61.0 44.7 67.1

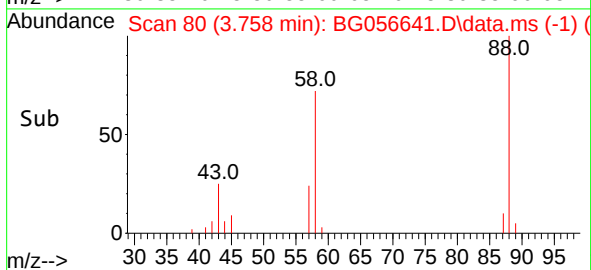
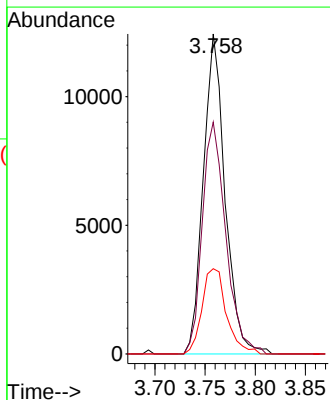
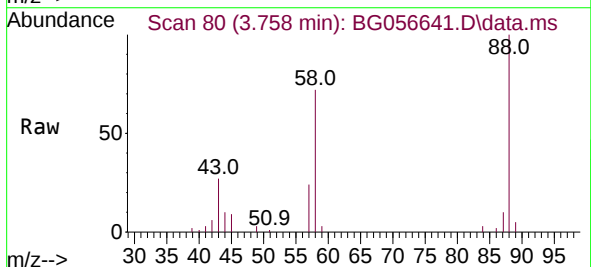
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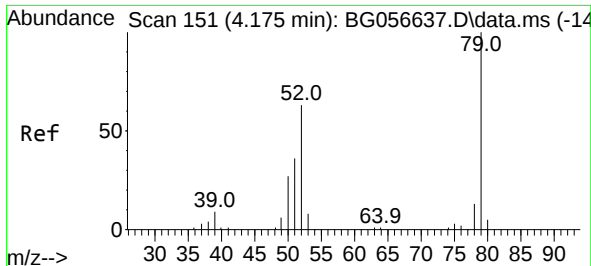
Reviewed By :Christian Giraldo 02/16/2023
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#2
1,4-Dioxane
Concen: 39.685 ng
RT: 3.758 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 88 Resp: 18727
Ion Ratio Lower Upper
88 100
58 78.3 62.2 93.2
43 29.8 26.6 40.0





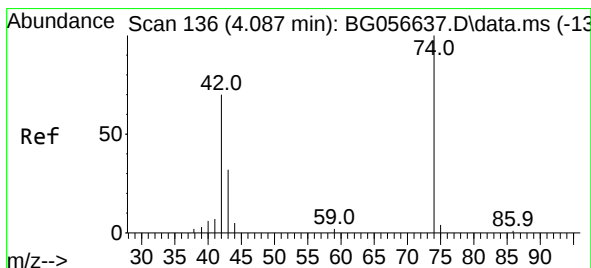
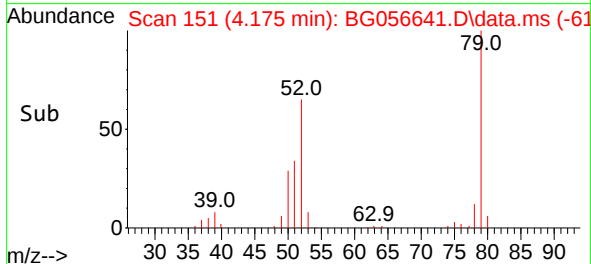
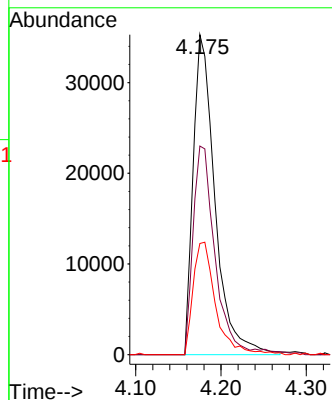
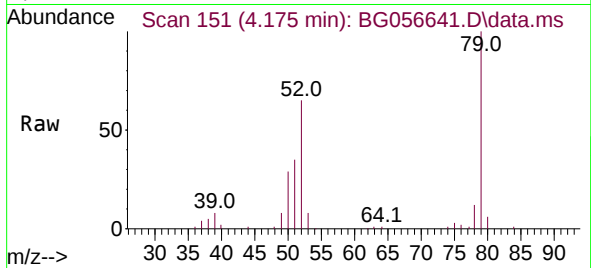
#3
Pyridine
Concen: 41.895 ng
RT: 4.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

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ClientSampleId :
ICVBG021523

Tgt Ion: 79 Resp: 62533
Ion Ratio Lower Upper
79 100
52 65.2 50.8 76.2
51 34.7 29.1 43.7

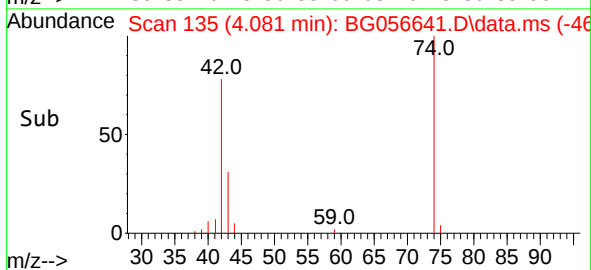
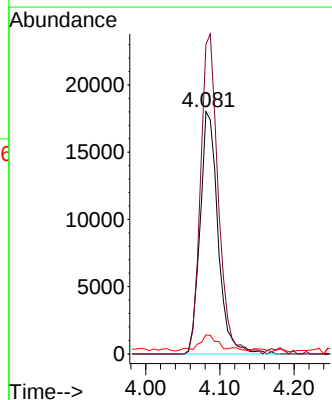
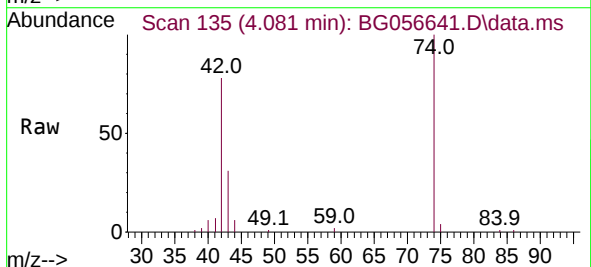
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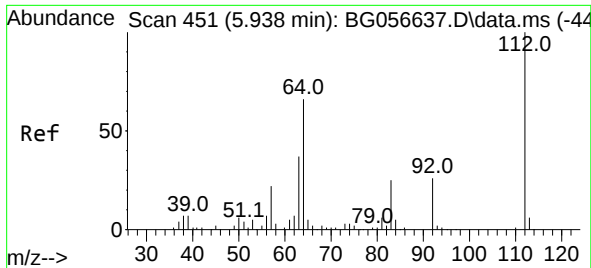
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#4
n-Nitrosodimethylamine
Concen: 43.442 ng
RT: 4.081 min Scan# 135
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 42 Resp: 30225
Ion Ratio Lower Upper
42 100
74 127.7 114.5 171.7
44 7.9 7.2 10.8





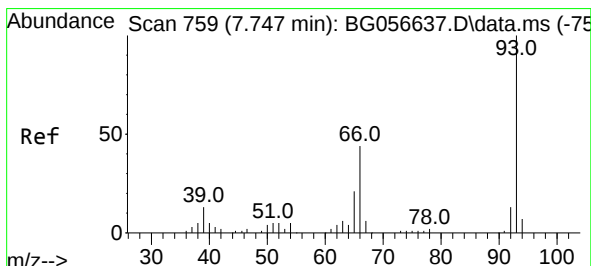
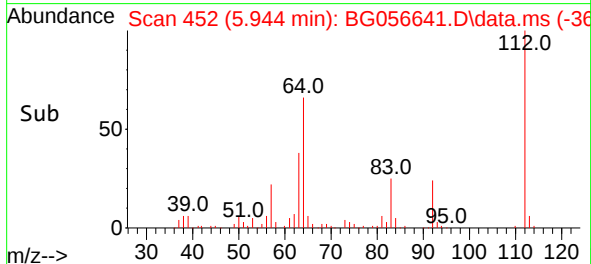
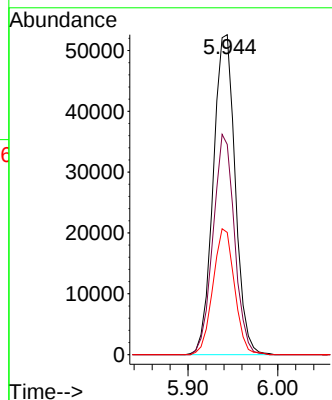
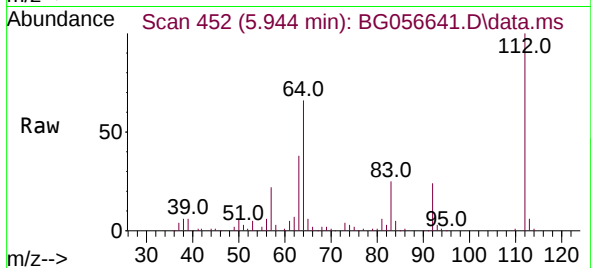
#5
2-Fluorophenol
Concen: 83.466 ng
RT: 5.944 min Scan# 451
Delta R.T. 0.006 min
Lab File: BG056641.D
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Tgt Ion:112 Resp: 89839
Ion Ratio Lower Upper
112 100
64 65.7 52.6 78.8
63 38.2 29.8 44.6

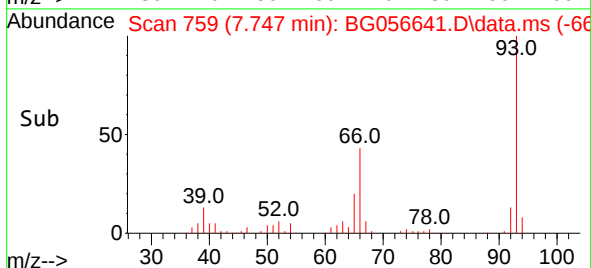
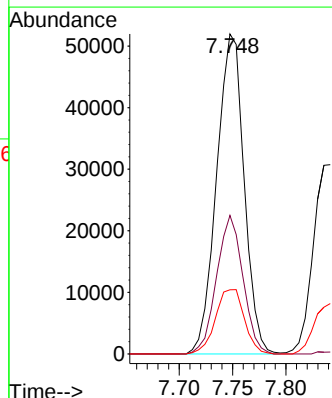
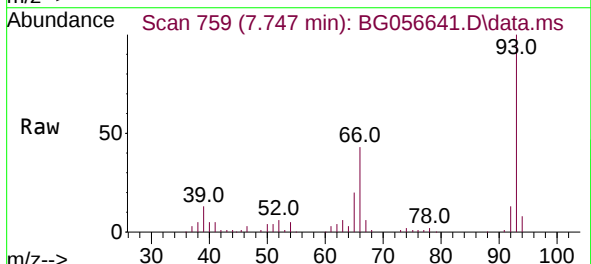
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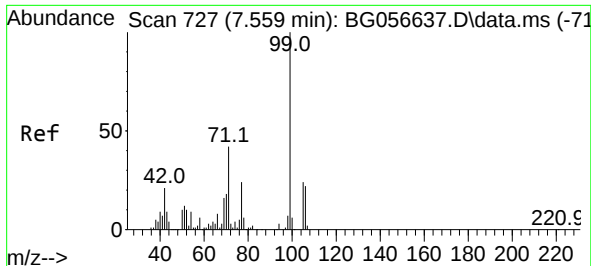
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#6
Aniline
Concen: 42.224 ng
RT: 7.747 min Scan# 759
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

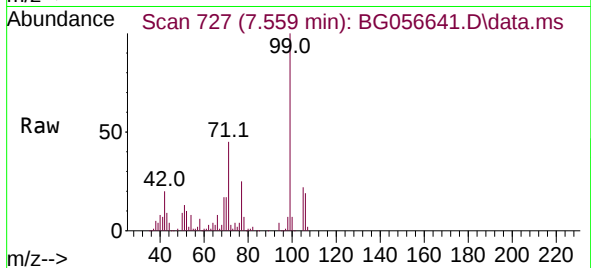
Tgt Ion: 93 Resp: 93301
Ion Ratio Lower Upper
93 100
66 43.3 35.0 52.4
65 20.0 16.5 24.7





#7
Phenol-d6
Concen: 87.136 ng
RT: 7.559 min Scan# 727
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

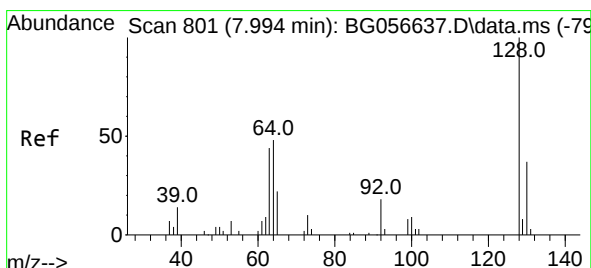
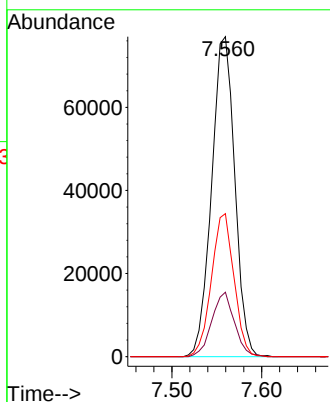
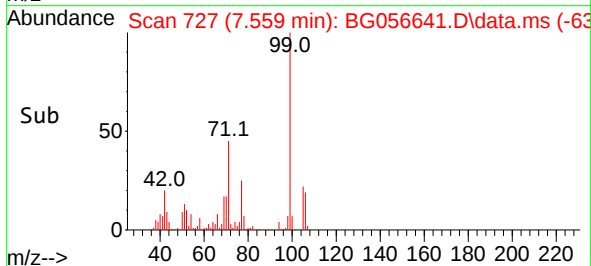
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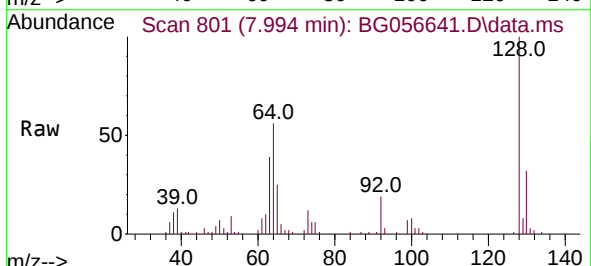
Tgt Ion: 99 Resp: 13854
Ion Ratio Lower Upper
99 100
42 20.1 16.8 25.2
71 44.7 33.9 50.9

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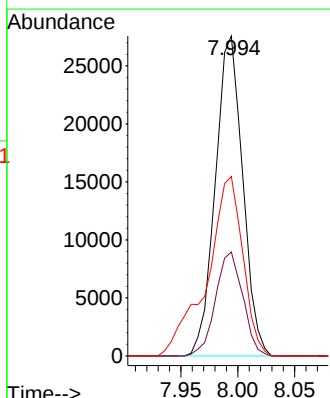
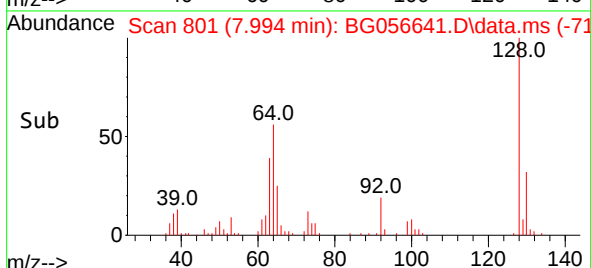
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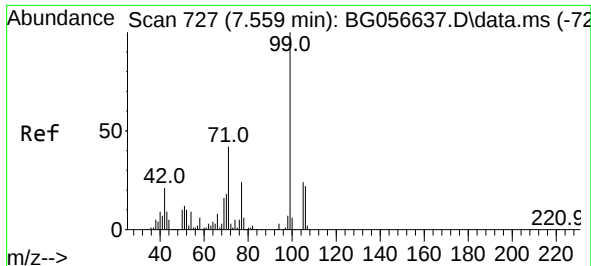


#8
2-Chlorophenol
Concen: 43.345 ng
RT: 7.994 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG056641.D
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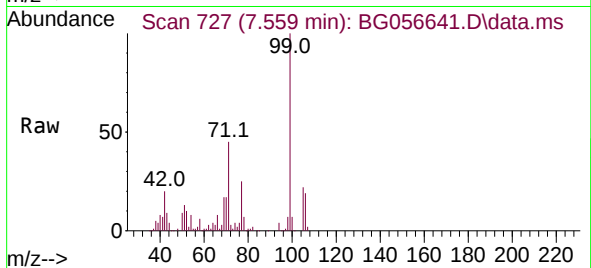
Tgt Ion:128 Resp: 46161
Ion Ratio Lower Upper
128 100
130 32.5 16.8 56.8
64 56.1 36.3 76.3





#9
Benzaldehyde
Concen: 39.881 ng
RT: 7.559 min Scan# 727
Delta R.T. 0.000 min
Lab File: BG056641.D
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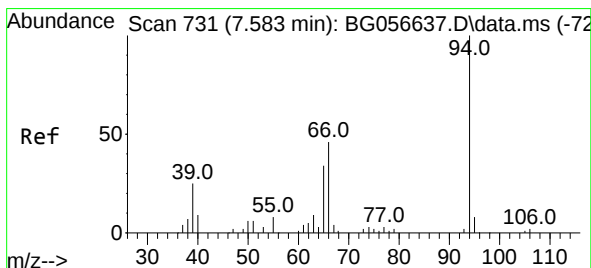
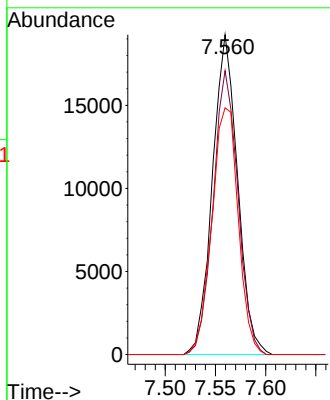
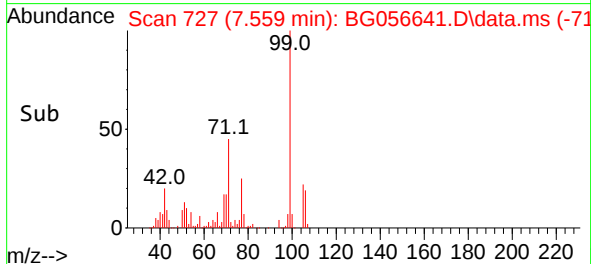
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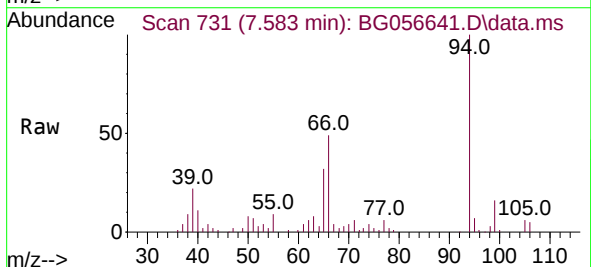
Tgt Ion: 77 Resp: 3353
Ion Ratio Lower Upper
77 100
105 88.7 78.4 118.4
106 77.1 71.3 111.3

Manual Integrations
APPROVED

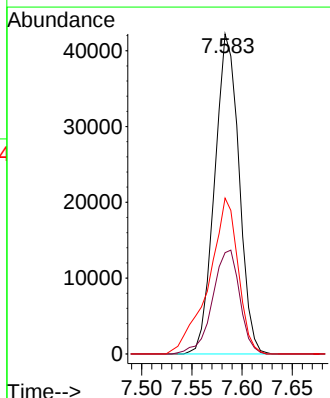
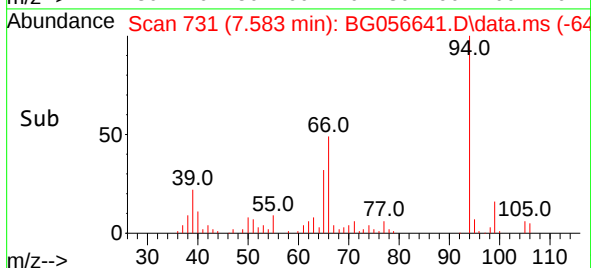
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

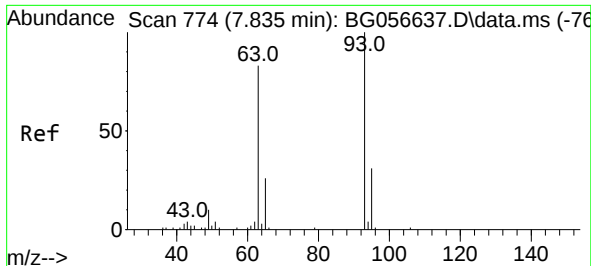


#10
Phenol
Concen: 43.848 ng
RT: 7.583 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion: 94 Resp: 71314
Ion Ratio Lower Upper
94 100
65 31.6 14.2 54.2
66 48.7 27.9 67.9





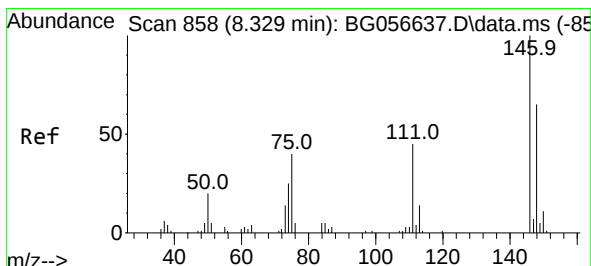
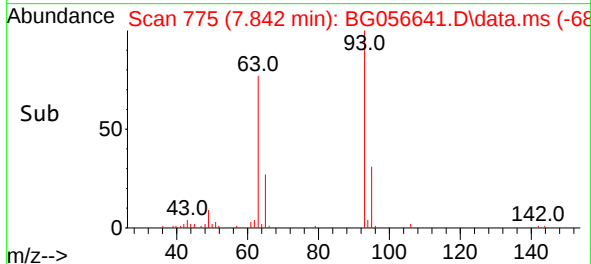
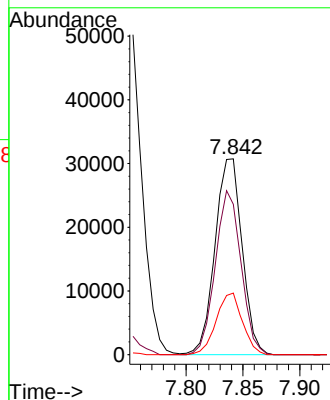
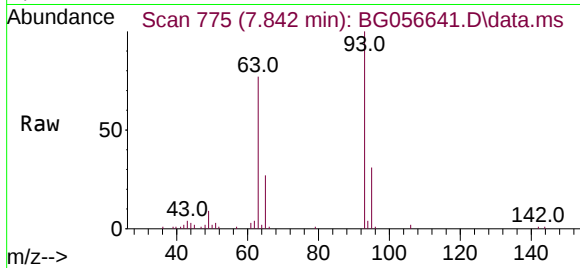
#11
bis(2-Chloroethyl)ether
Concen: 41.845 ng
RT: 7.842 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion: 93 Resp: 51063
Ion Ratio Lower Upper
93 100
63 76.8 62.8 102.8
95 31.4 10.8 50.8

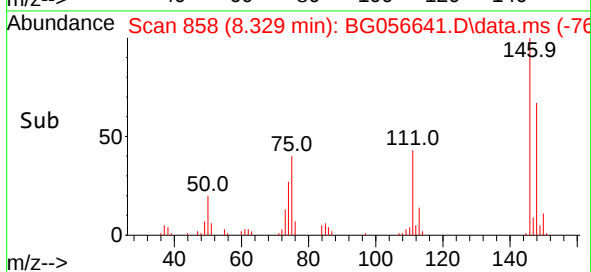
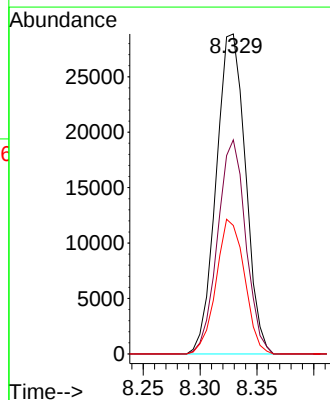
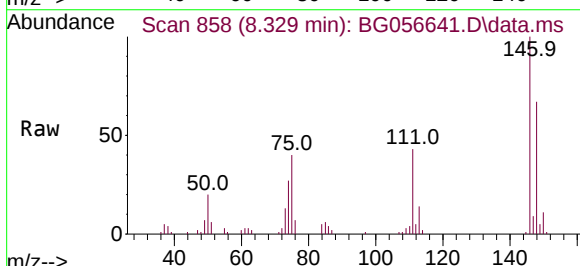
Manual Integrations
APPROVED

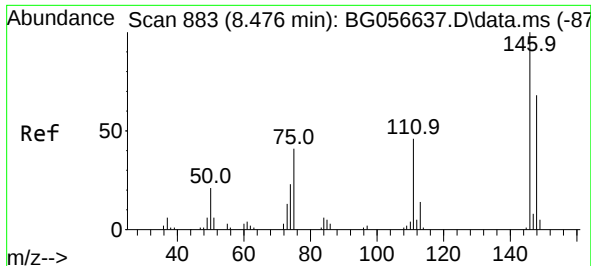
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#12
1,3-Dichlorobenzene
Concen: 40.734 ng
RT: 8.329 min Scan# 858
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:146 Resp: 51685
Ion Ratio Lower Upper
146 100
148 66.9 51.9 77.9
75 40.1 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 41.177 ng

RT: 8.476 min Scan# 883

Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

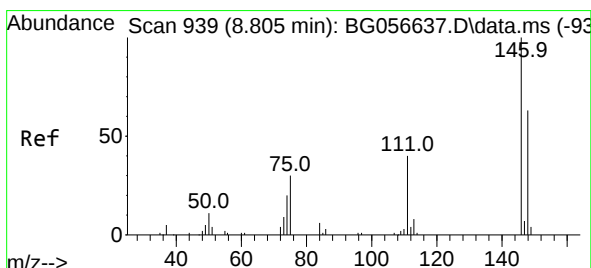
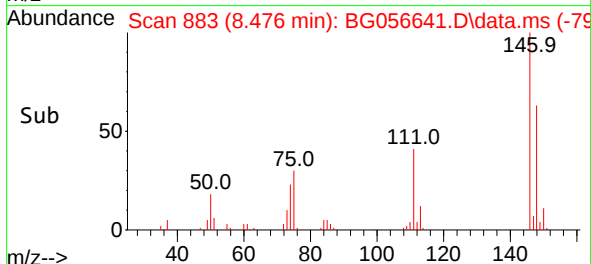
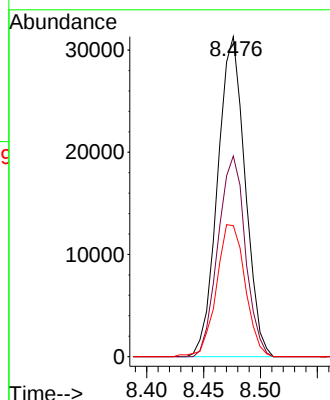
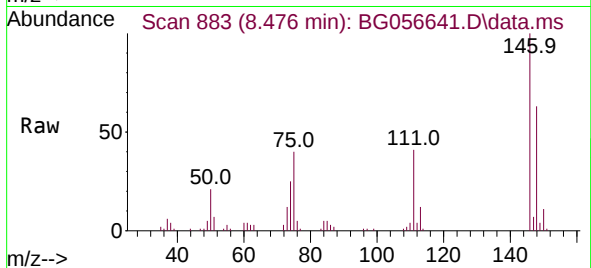
ICVBG021523

Tgt Ion:146 Resp: 52617
 Ion Ratio Lower Upper
 146 100
 148 62.7 54.5 81.7
 111 40.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#14

1,2-Dichlorobenzene

Concen: 40.520 ng

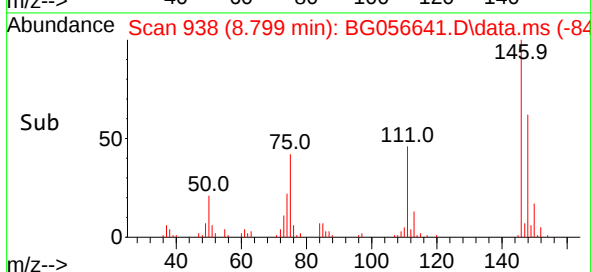
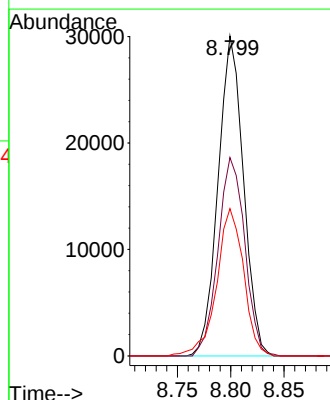
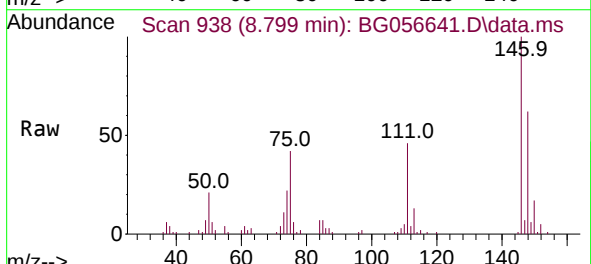
RT: 8.799 min Scan# 938

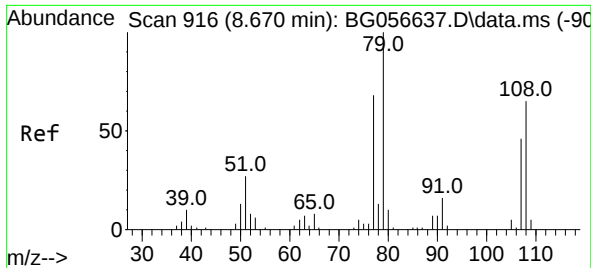
Delta R.T. -0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Tgt Ion:146 Resp: 49769
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.7 76.1
 111 46.0 33.8 50.6





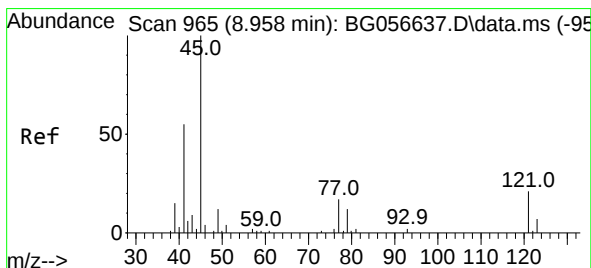
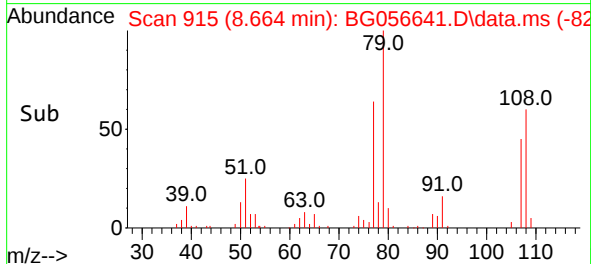
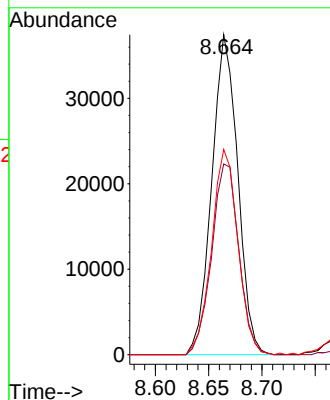
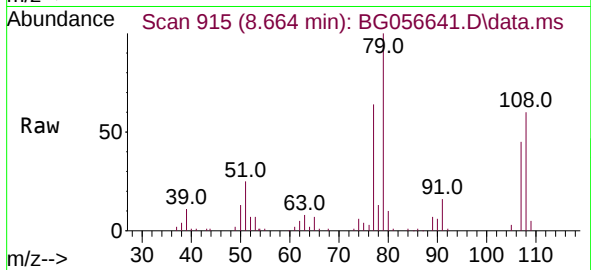
#15
Benzyl Alcohol
Concen: 44.522 ng
RT: 8.664 min Scan# 915
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion: 79 Resp: 63384
Ion Ratio Lower Upper
79 100
108 59.6 52.0 78.0
77 64.1 54.2 81.2

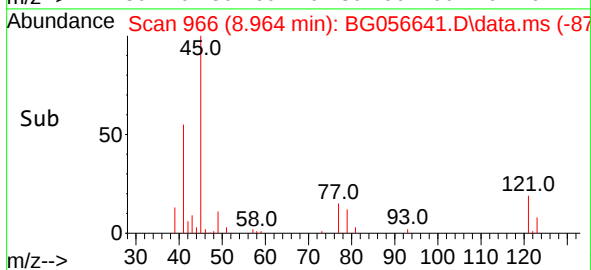
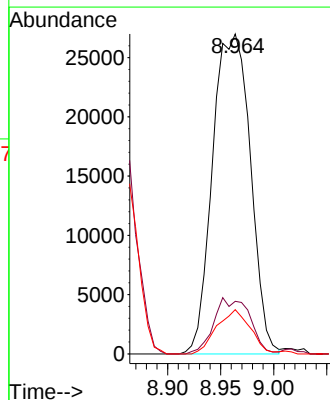
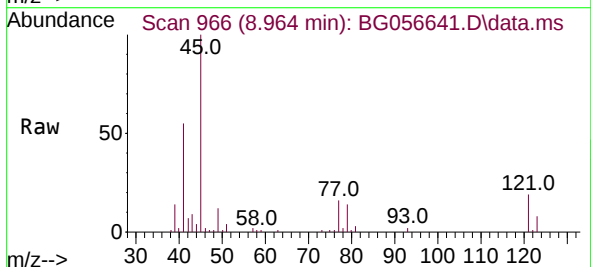
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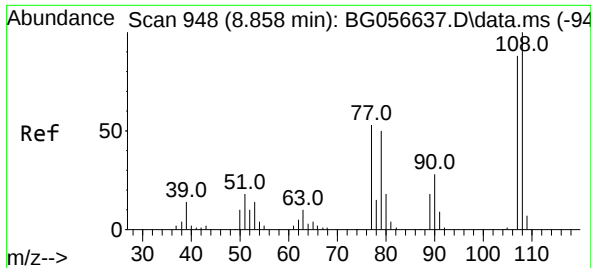
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.806 ng m
RT: 8.964 min Scan# 966
Delta R.T. 0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 45 Resp: 66853
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.5
79 13.8 0.0 31.6





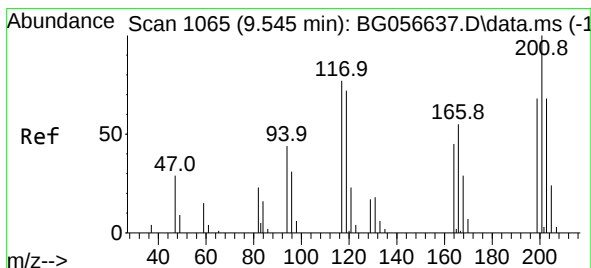
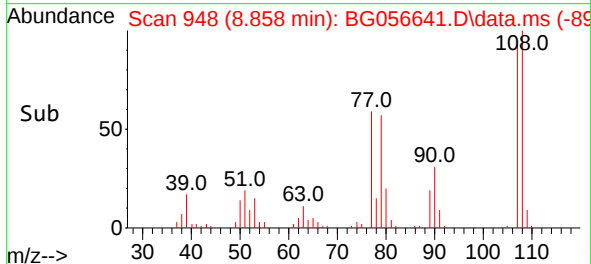
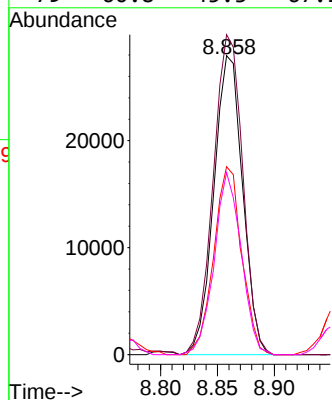
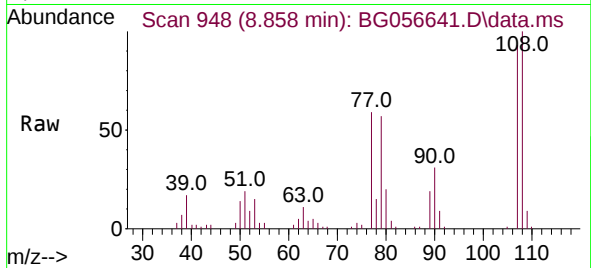
#17
2-Methylphenol
Concen: 43.030 ng
RT: 8.858 min Scan# 948
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion:107 Resp: 4918
Ion Ratio Lower Upper
107 100
108 107.0 91.3 136.9
77 62.8 48.5 72.7
79 60.8 45.3 67.9

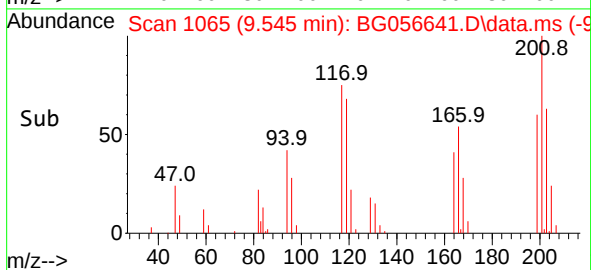
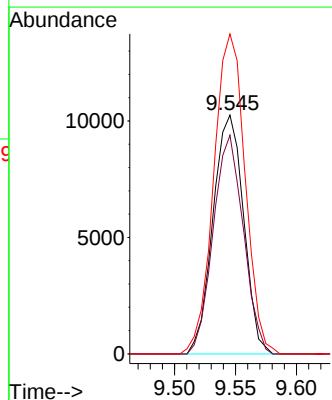
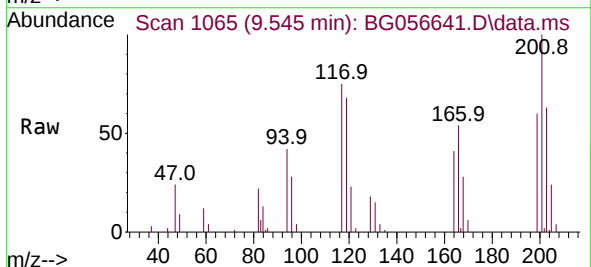
Manual Integrations
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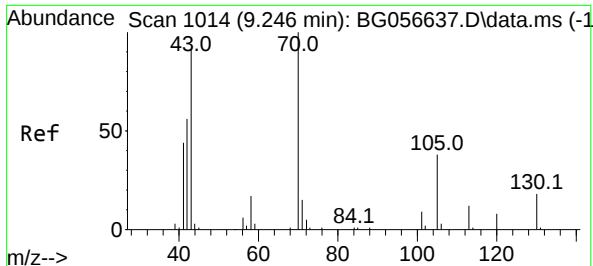
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#18
Hexachloroethane
Concen: 44.219 ng
RT: 9.545 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:117 Resp: 17899
Ion Ratio Lower Upper
117 100
119 91.6 74.1 111.1
201 134.0 106.4 159.6





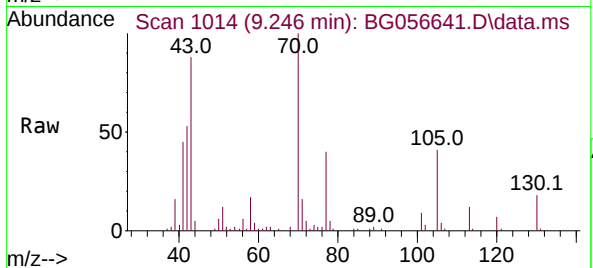
#19
n-Nitroso-di-n-propylamine
Concen: 45.415 ng
RT: 9.246 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

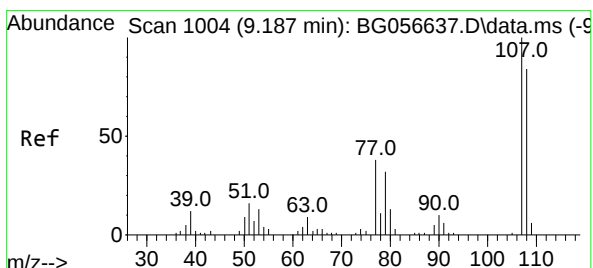
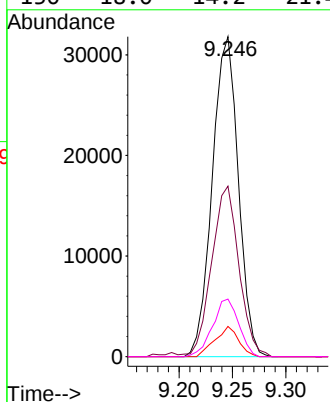
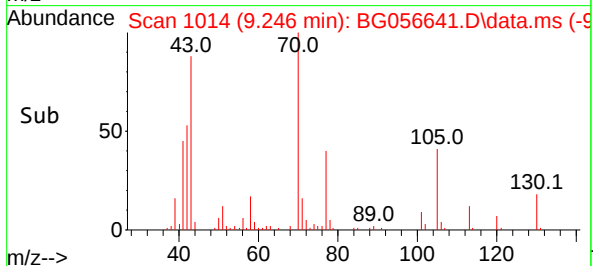


Tgt Ion: 70 Resp: 54052
Ion Ratio Lower Upper
70 100
42 53.3 45.7 68.5
101 9.4 7.4 11.0
130 18.0 14.2 21.4

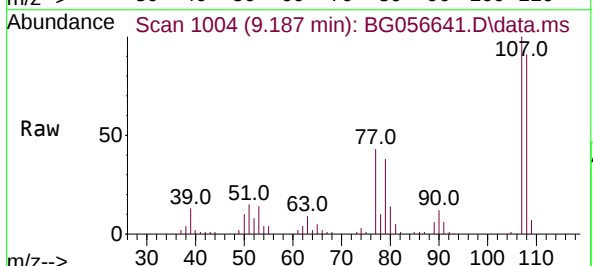
Manual Integrations

APPROVED

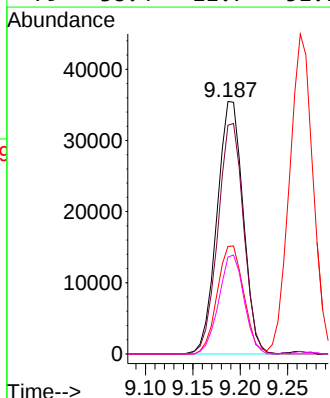
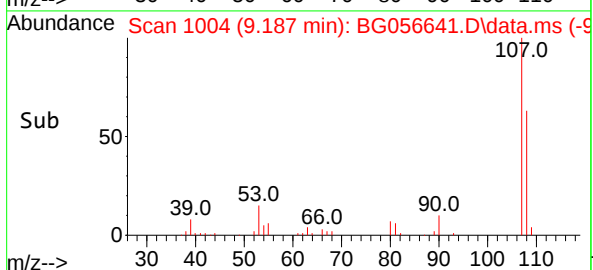
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

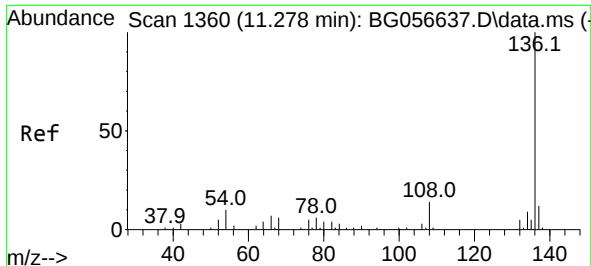


#20
3+4-Methylphenols
Concen: 43.332 ng
RT: 9.187 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:107 Resp: 68034
Ion Ratio Lower Upper
107 100
108 90.7 64.3 104.3
77 42.6 17.8 57.8
79 38.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.279 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

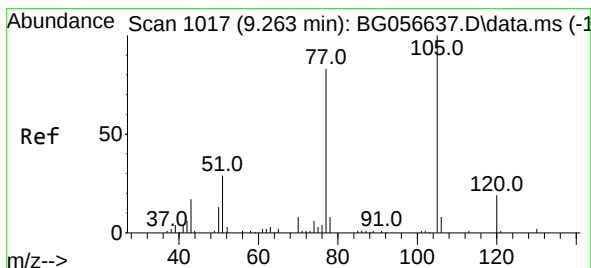
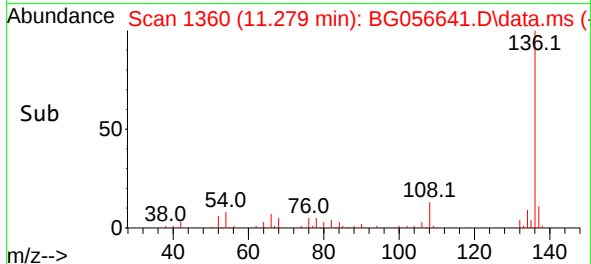
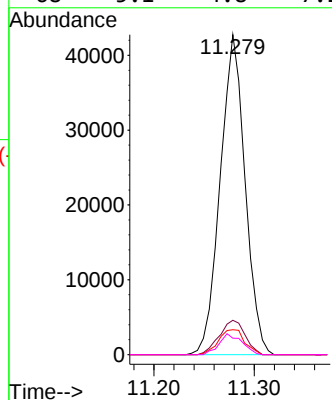
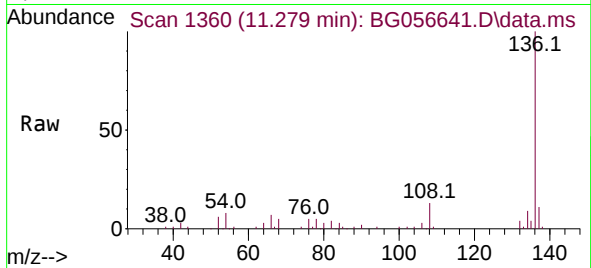
ICVBG021523

Tgt Ion:136 Resp: 73630
Ion Ratio Lower Upper
136 100
137 10.7 9.7 14.5
54 7.8 7.7 11.5
68 5.1 4.8 7.2

Manual Integrations

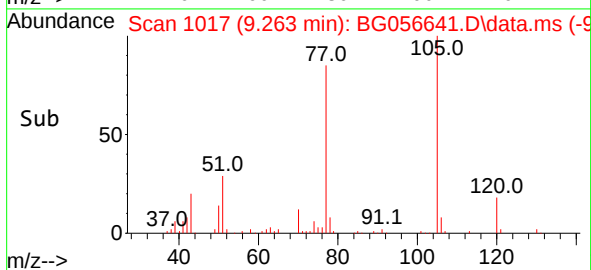
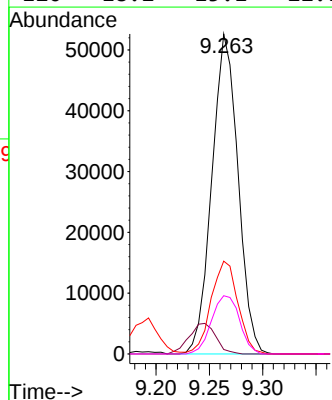
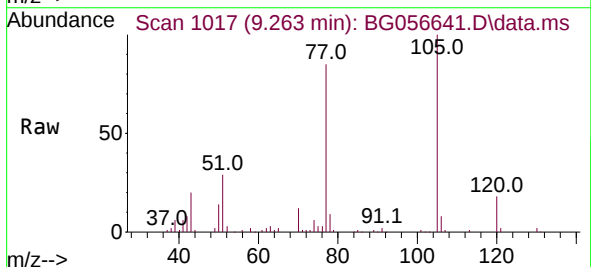
APPROVED

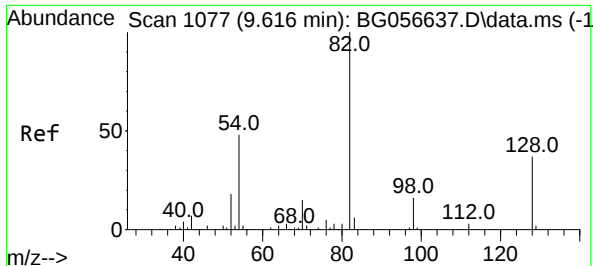
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#22
Acetophenone
Concen: 39.951 ng
RT: 9.263 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:105 Resp: 89879
Ion Ratio Lower Upper
105 100
71 1.4 1.4 2.0
51 29.0 23.9 35.9
120 18.2 15.1 22.7





#23
Nitrobenzene-d5
Concen: 90.394 ng
RT: 9.616 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

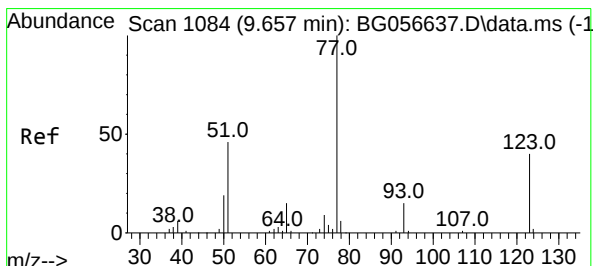
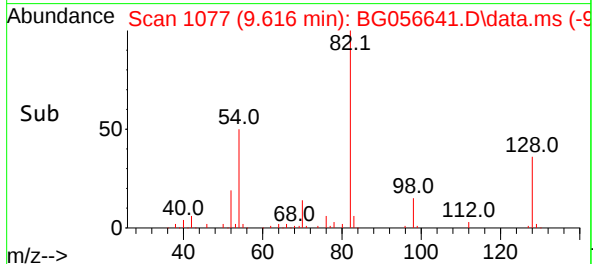
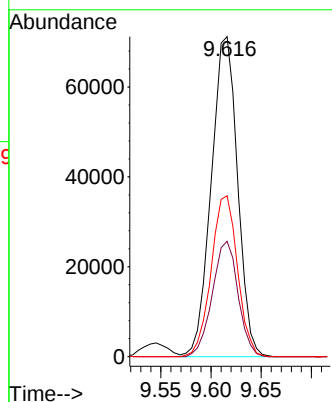
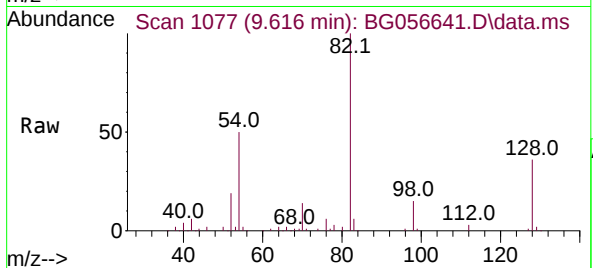
ICVBG021523

Tgt Ion: 82 Resp: 129992
Ion Ratio Lower Upper
82 100
128 36.0 29.4 44.2
54 50.3 37.8 56.6

Manual Integrations

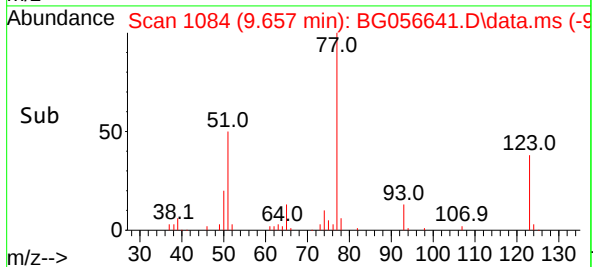
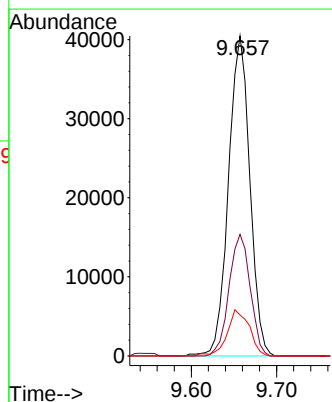
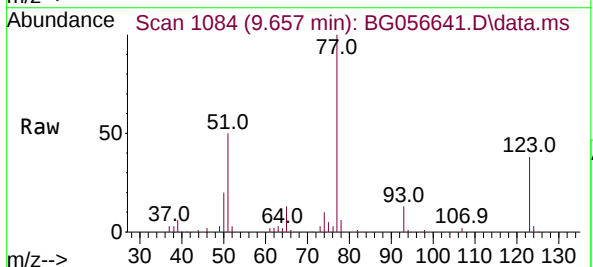
APPROVED

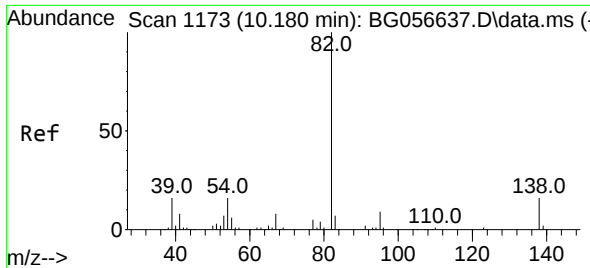
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#24
Nitrobenzene
Concen: 42.316 ng
RT: 9.657 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 77 Resp: 70314
Ion Ratio Lower Upper
77 100
123 38.0 31.8 47.8
65 12.8 12.0 18.0





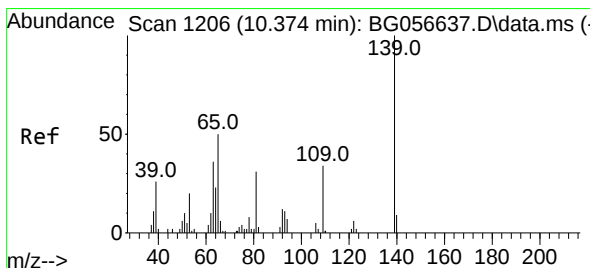
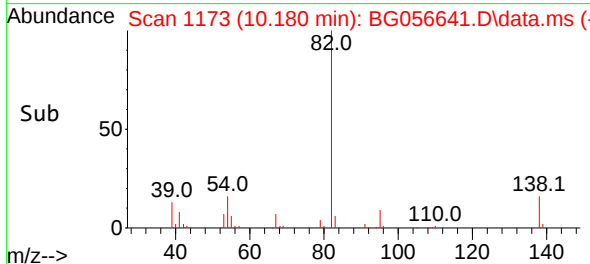
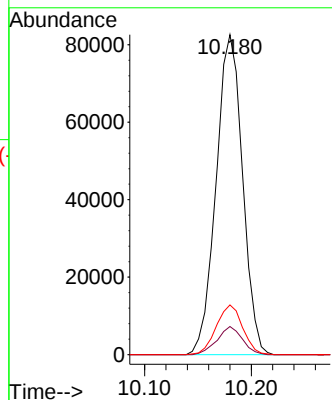
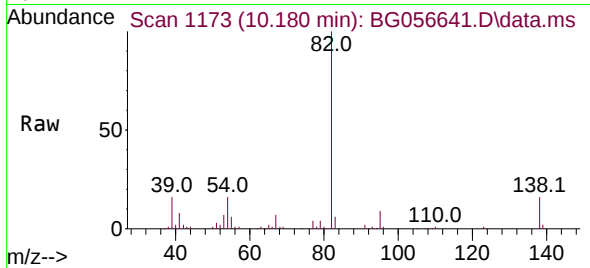
#25
Isophorone
Concen: 40.732 ng
RT: 10.180 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion: 82 Resp: 142554
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 15.5 12.9 19.3

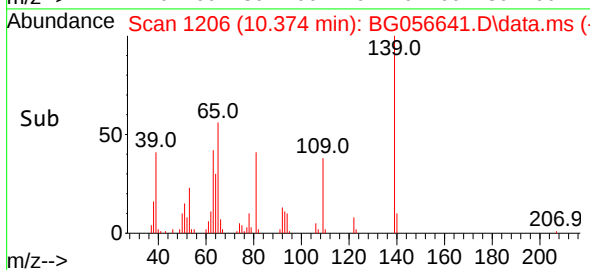
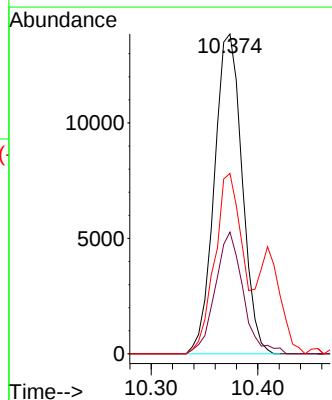
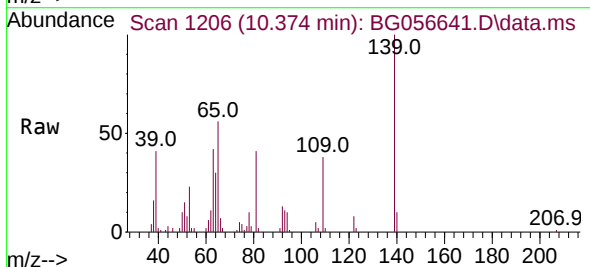
Manual Integrations
APPROVED

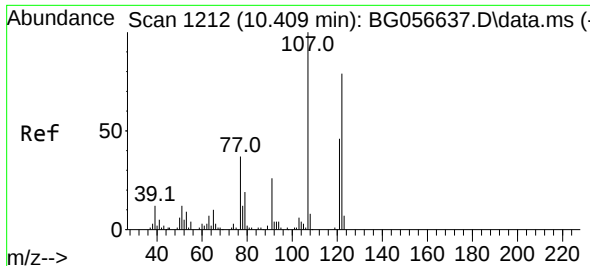
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#26
2-Nitrophenol
Concen: 42.493 ng
RT: 10.374 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

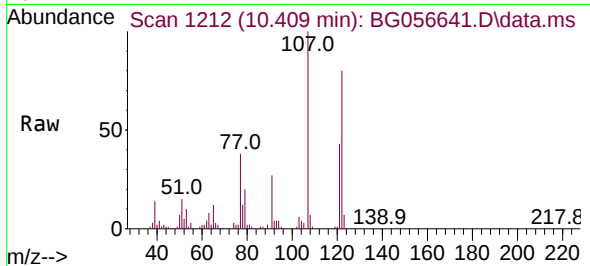
Tgt Ion:139 Resp: 25161
Ion Ratio Lower Upper
139 100
109 38.1 27.0 40.6
65 56.4 40.0 60.0





#27
2,4-Dimethylphenol
Concen: 41.041 ng
RT: 10.409 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

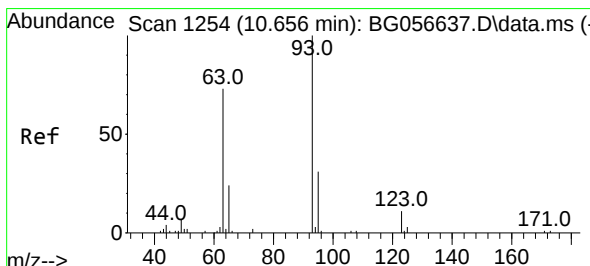
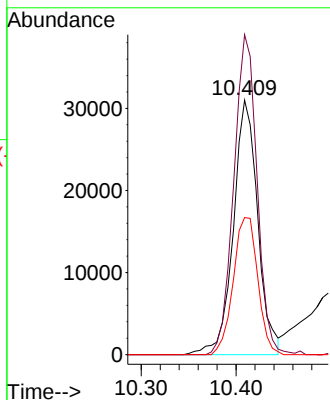
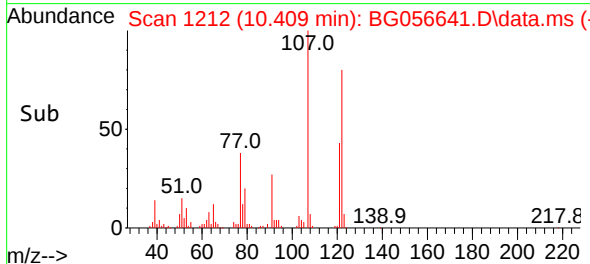
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



Tgt Ion:122 Resp: 55533
Ion Ratio Lower Upper
122 100
107 125.7 101.6 152.4
121 53.9 47.2 70.8

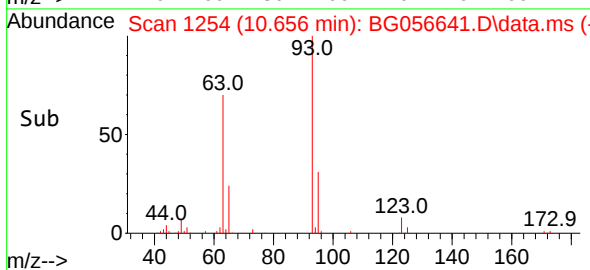
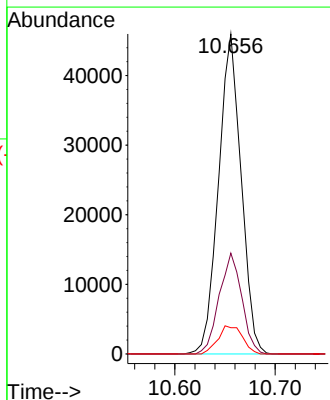
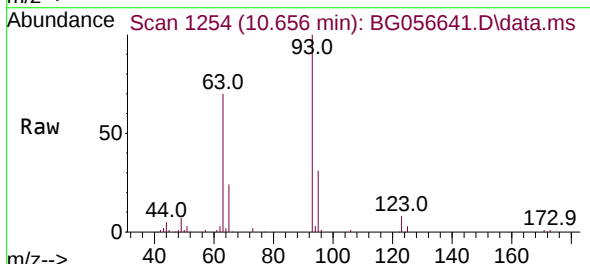
Manual Integrations
APPROVED

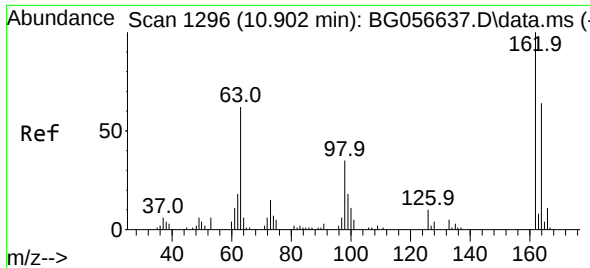
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.409 ng
RT: 10.656 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 93 Resp: 72074
Ion Ratio Lower Upper
93 100
95 31.5 24.5 36.7
123 8.2 8.7 13.1#





#29

2,4-Dichlorophenol

Concen: 42.835 ng

RT: 10.909 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

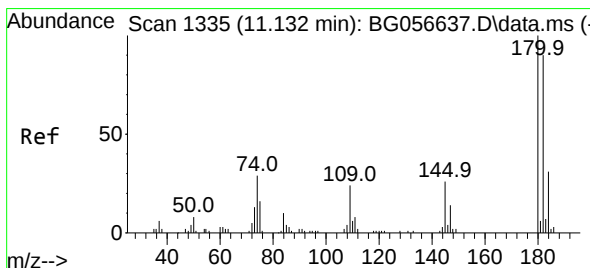
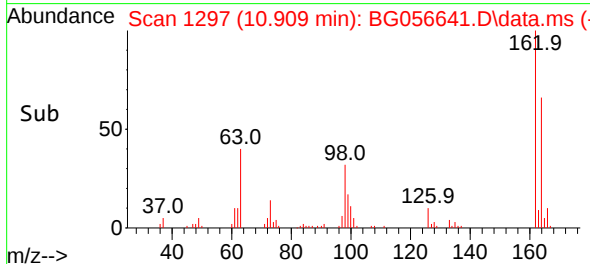
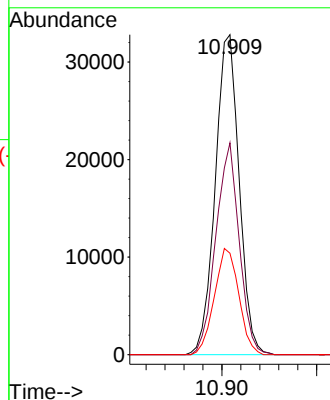
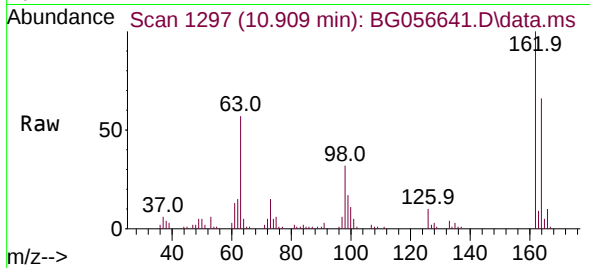
ICVBG021523

Tgt Ion:162	Resp:	57445
Ion Ratio	Lower	Upper
162	100	
164	66.2	44.1 84.1
98	31.7	14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.213 ng

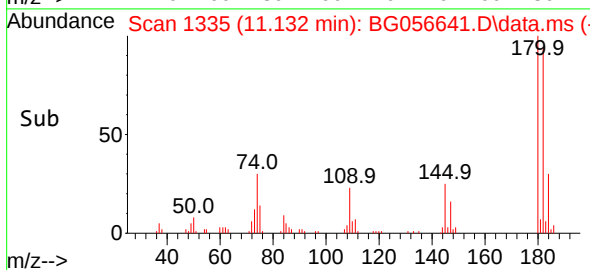
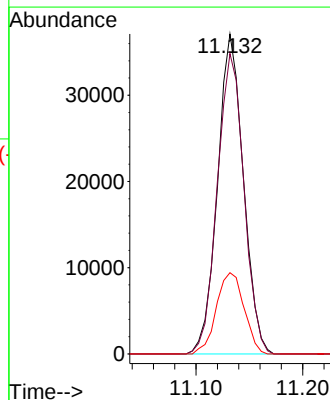
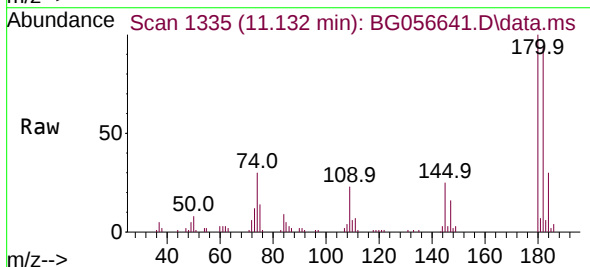
RT: 11.132 min Scan# 1335

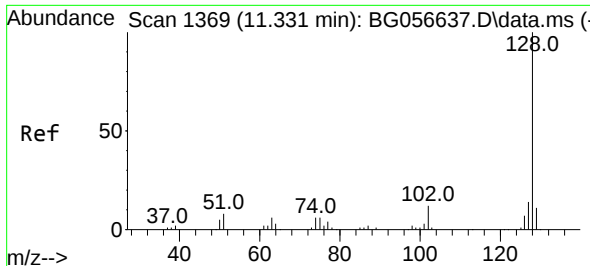
Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

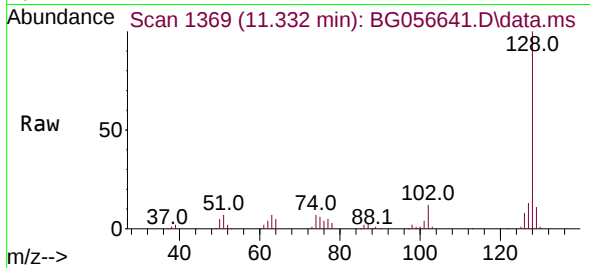
Tgt Ion:180	Resp:	62643
Ion Ratio	Lower	Upper
180	100	
182	93.8	71.7 107.5
145	25.4	20.6 30.8





#31
Naphthalene
Concen: 40.047 ng
RT: 11.332 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

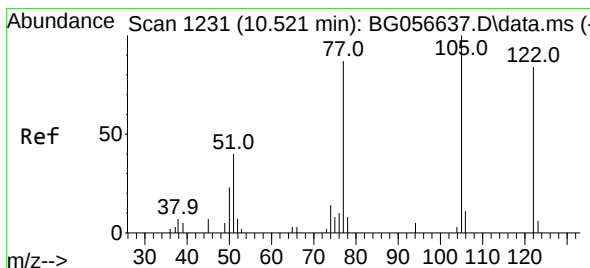
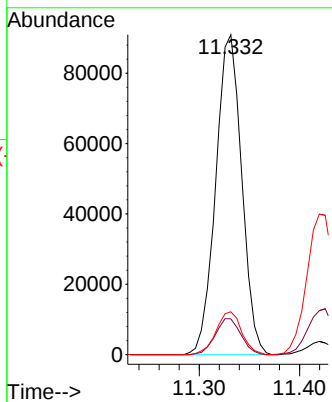
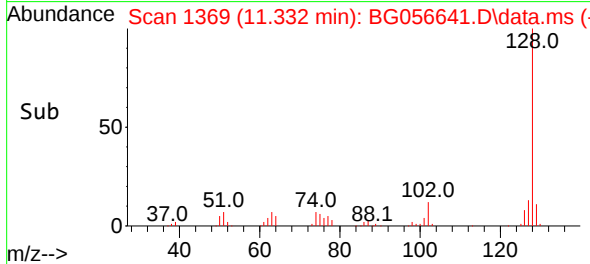
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



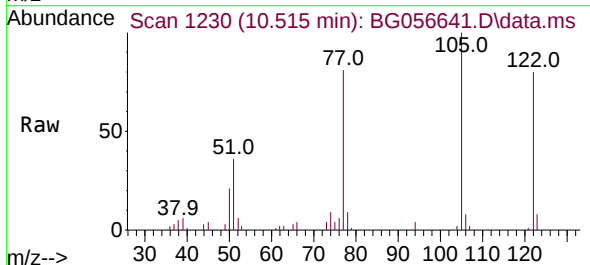
Tgt Ion:128 Resp: 163420
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.9 16.3

Manual Integrations
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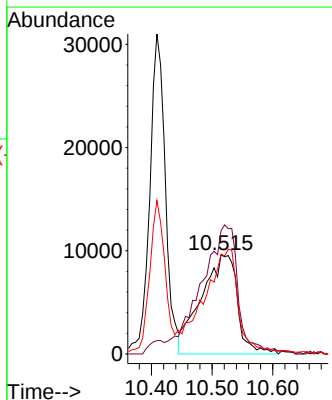
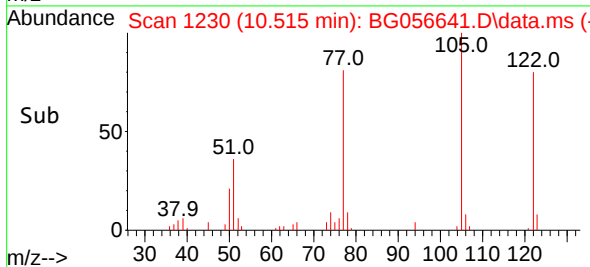
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

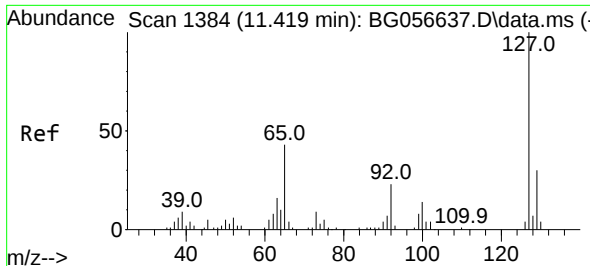


#32
Benzoic acid
Concen: 45.997 ng m
RT: 10.515 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:122 Resp: 40114
Ion Ratio Lower Upper
122 100
105 124.6 100.5 140.5
77 100.9 80.8 120.8





#33

4-Chloroaniline

Concen: 40.854 ng

RT: 11.420 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

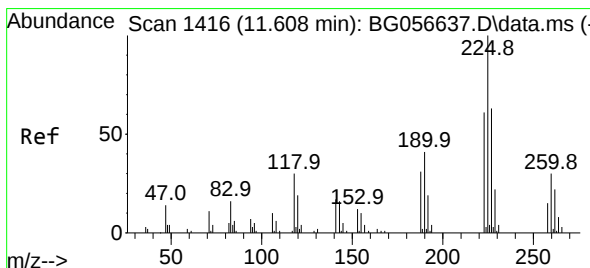
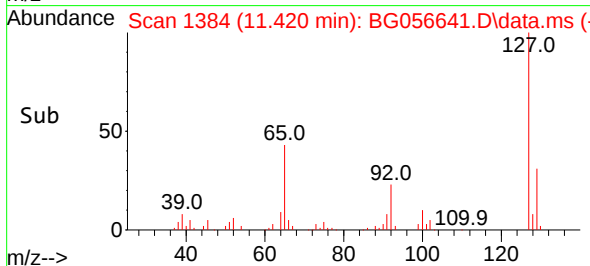
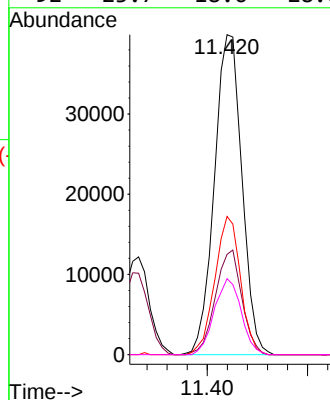
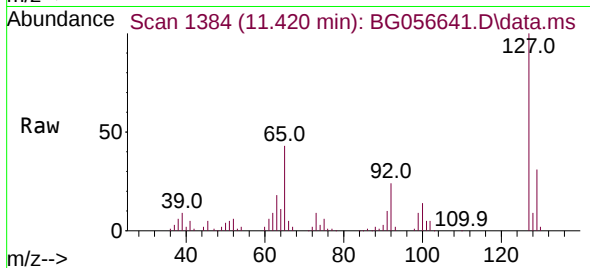
Tgt Ion:	127	Resp:	76169
Ion Ratio	Lower	Upper	
127	100		
129	31.3	24.1	36.1
65	43.2	34.3	51.5
92	23.7	18.6	28.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#34

Hexachlorobutadiene

Concen: 40.769 ng

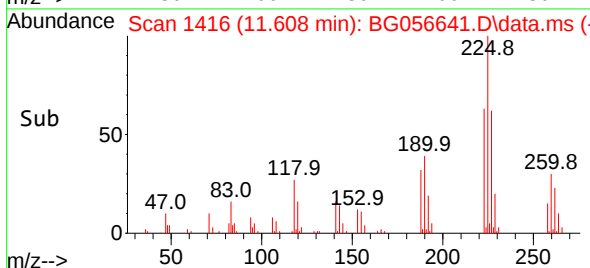
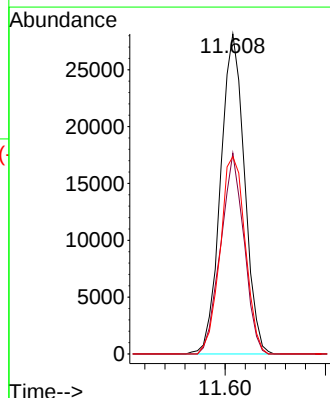
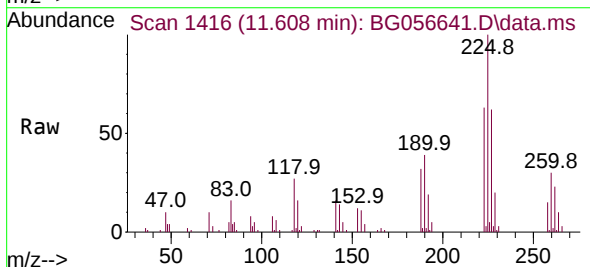
RT: 11.608 min Scan# 1416

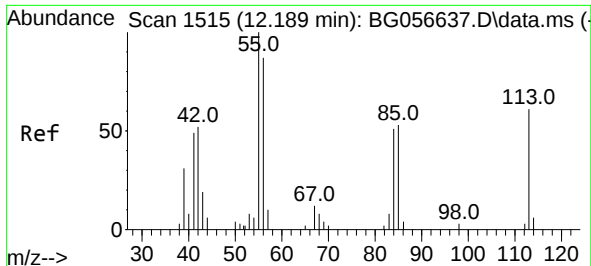
Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Tgt Ion:	225	Resp:	46544
Ion Ratio	Lower	Upper	
225	100		
223	62.7	48.5	72.7
227	61.6	50.2	75.4





#35
Caprolactam
Concen: 43.357 ng
RT: 12.183 min Scan# 113
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

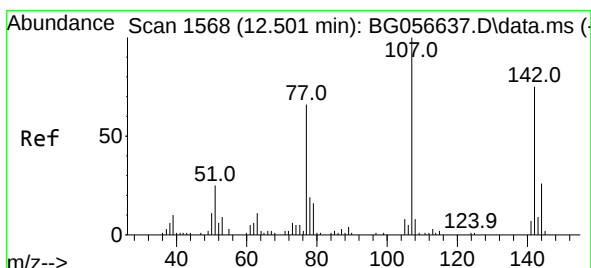
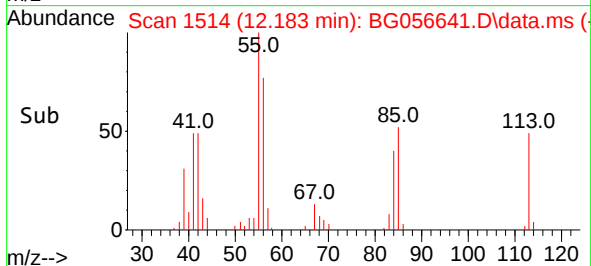
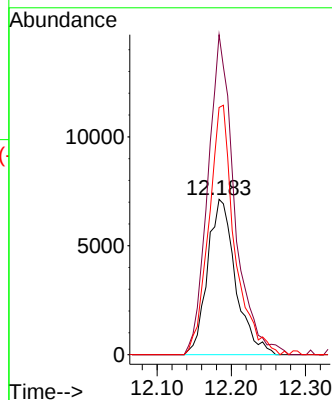
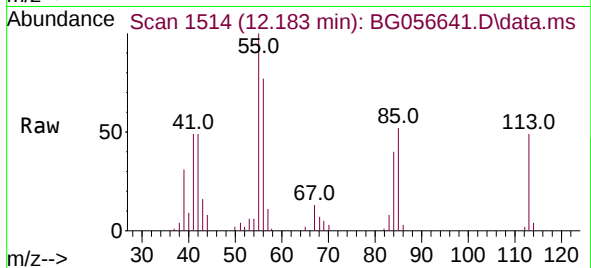
ICVBG021523

Tgt Ion:113 Resp: 1870
Ion Ratio Lower Upper
113 100
55 206.0 145.0 185.0
56 159.1 122.9 162.9

Manual Integrations

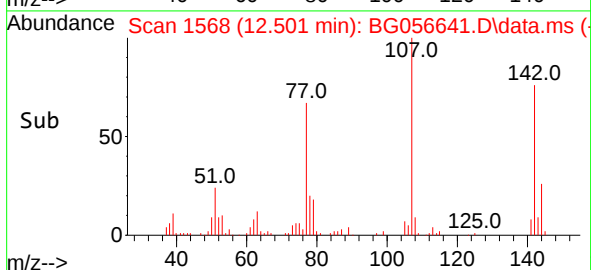
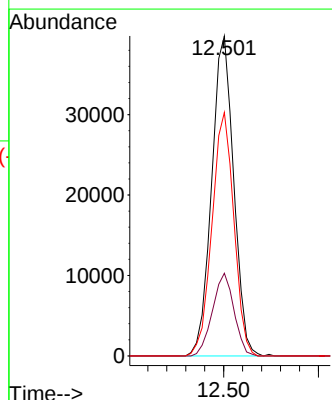
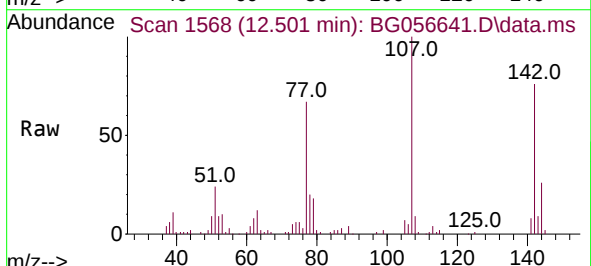
APPROVED

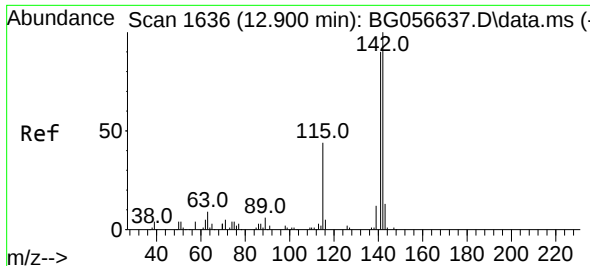
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#36
4-Chloro-3-methylphenol
Concen: 43.423 ng
RT: 12.501 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

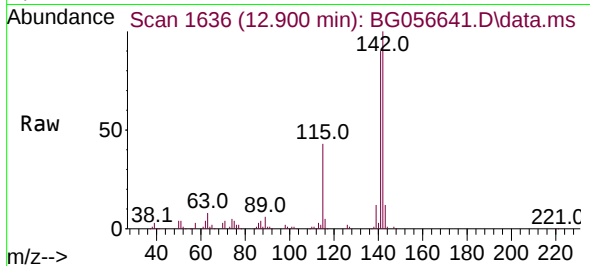
Tgt Ion:107 Resp: 64219
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 76.1 60.1 90.1





#37
2-Methylnaphthalene
Concen: 40.481 ng
RT: 12.900 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

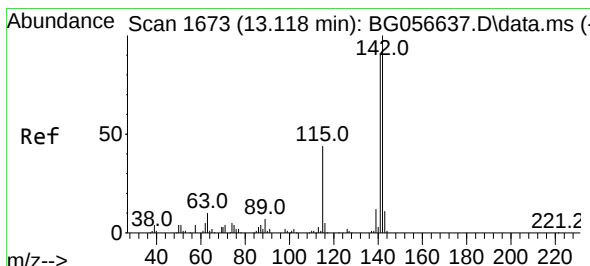
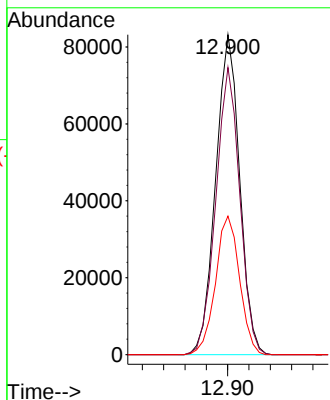
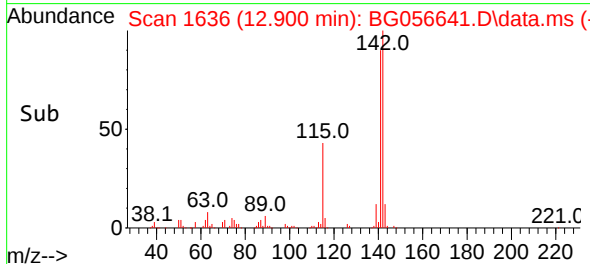
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



Tgt Ion:142 Resp: 130431
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 43.3 35.1 52.7

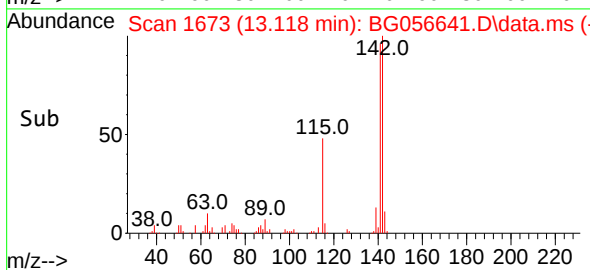
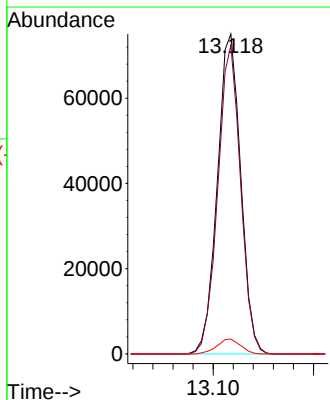
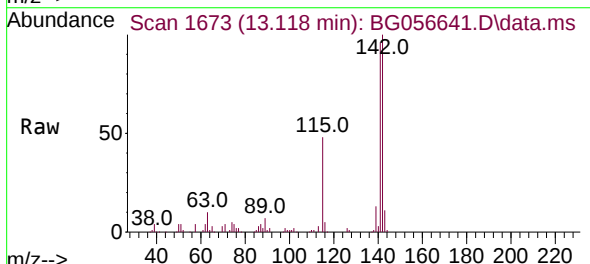
Manual Integrations
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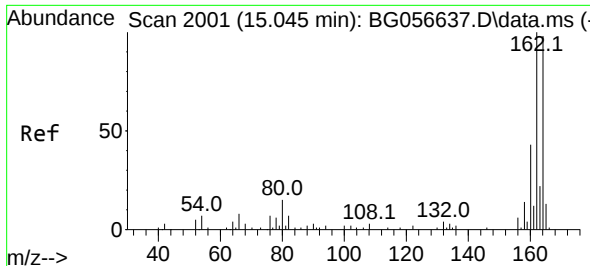
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#38
1-Methylnaphthalene
Concen: 40.389 ng
RT: 13.118 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:142 Resp: 121431
Ion Ratio Lower Upper
142 100
141 96.5 72.7 109.1
116 4.6 4.2 6.4





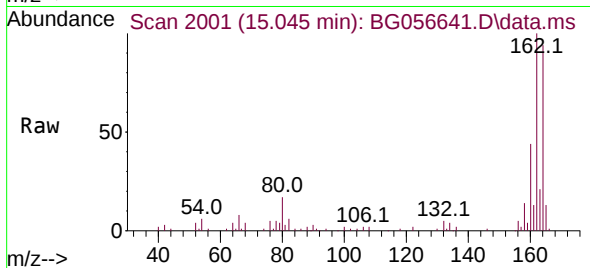
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.045 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

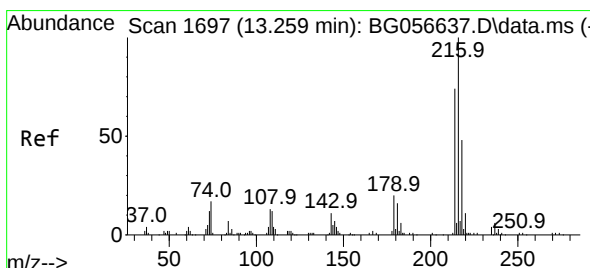
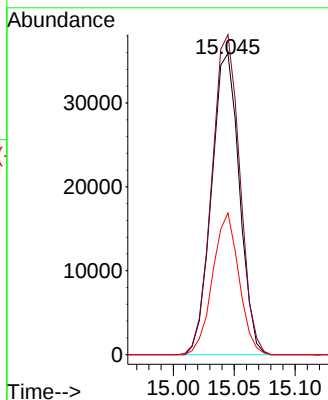
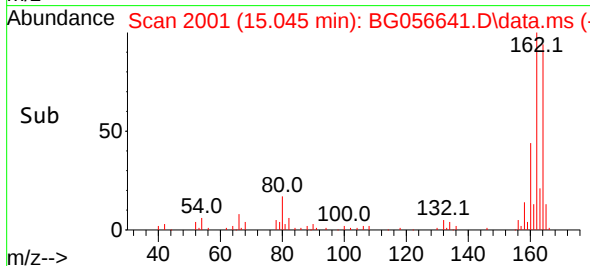


Tgt Ion:164 Resp: 56903
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 47.0 35.2 52.8

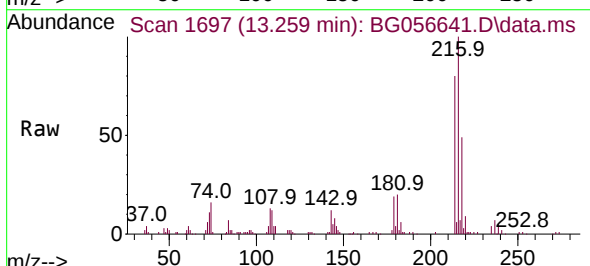
Manual Integrations

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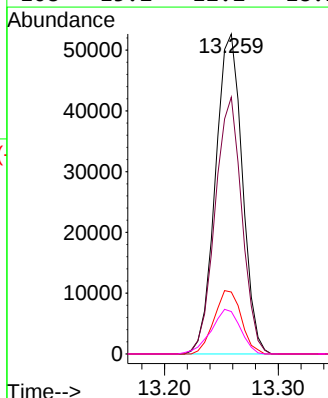
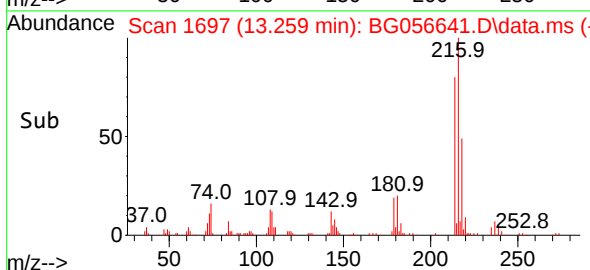
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

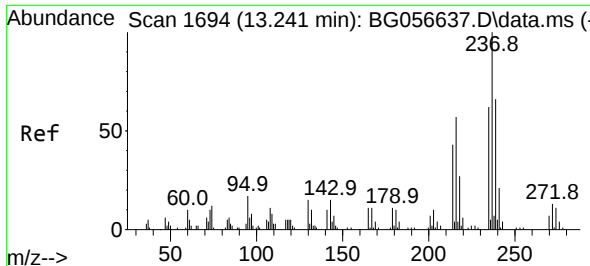


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.751 ng
RT: 13.259 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



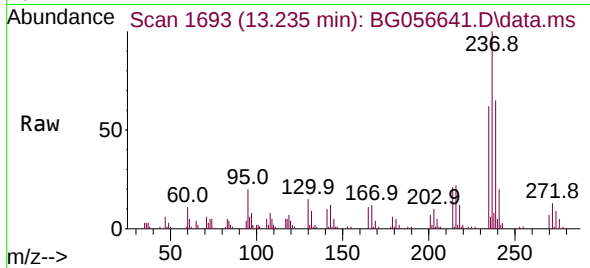
Tgt Ion:216 Resp: 86203
Ion Ratio Lower Upper
216 100
214 80.1 61.8 92.8
179 20.0 15.1 22.7
108 15.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 43.102 ng
RT: 13.235 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

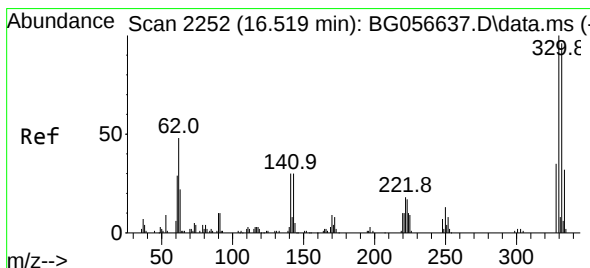
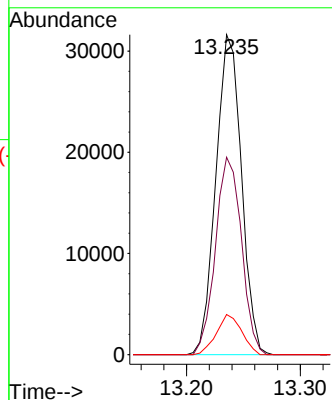
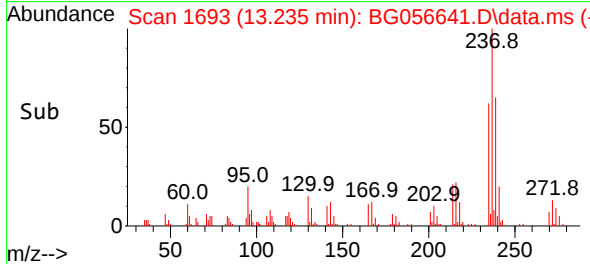
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



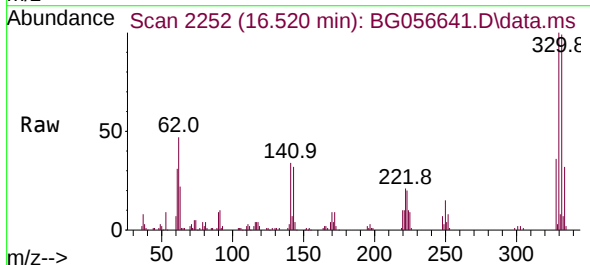
Tgt Ion:237 Resp: 49452
Ion Ratio Lower Upper
237 100
235 61.7 41.6 81.6
272 12.5 0.0 32.6

Manual Integrations
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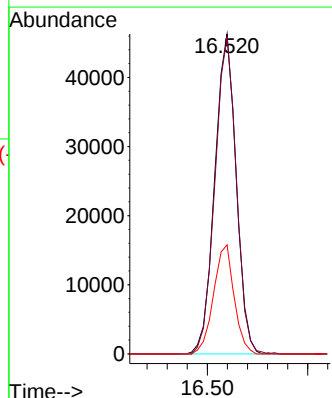
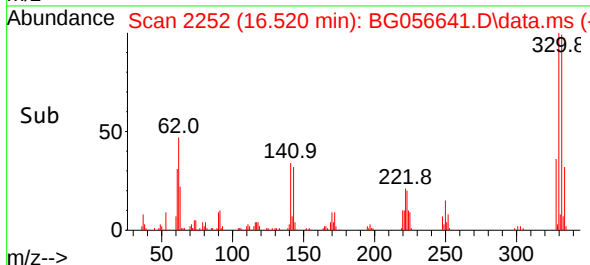
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

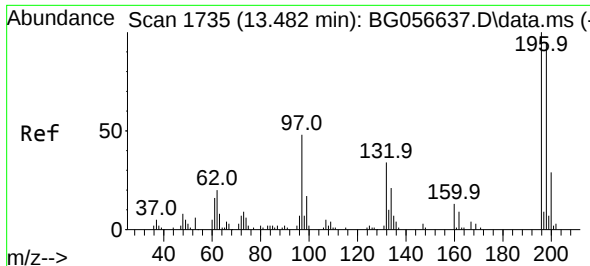


#42
2,4,6-Tribromophenol
Concen: 88.000 ng
RT: 16.520 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:330 Resp: 68558
Ion Ratio Lower Upper
330 100
332 98.7 75.7 113.5
141 32.8 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 45.546 ng
RT: 13.482 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

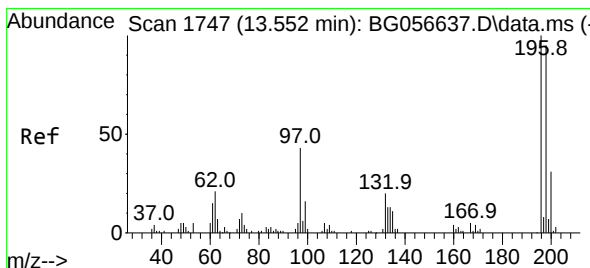
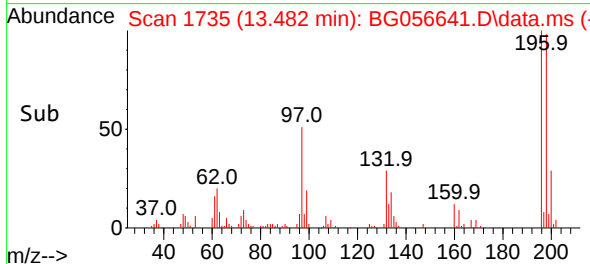
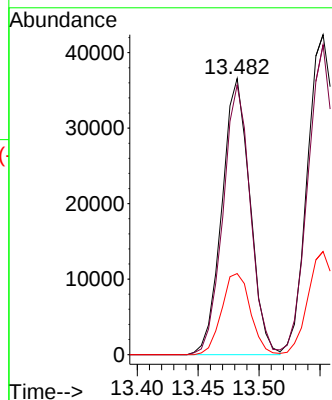
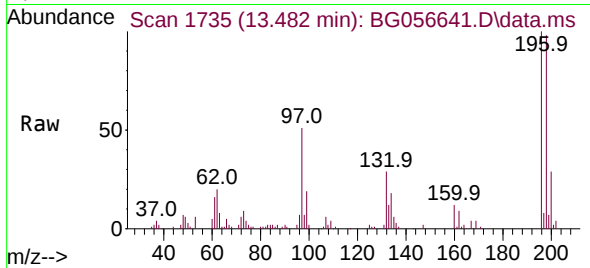
ICVBG021523

Tgt Ion:196 Resp: 5845
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.2
200 29.4 23.2 34.8

Manual Integrations

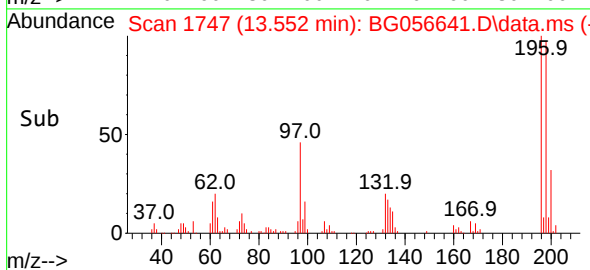
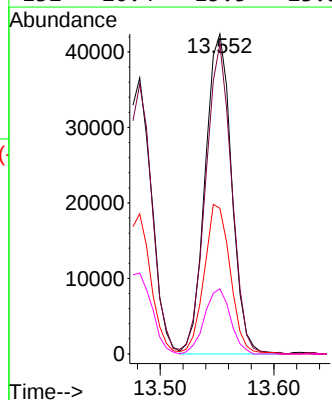
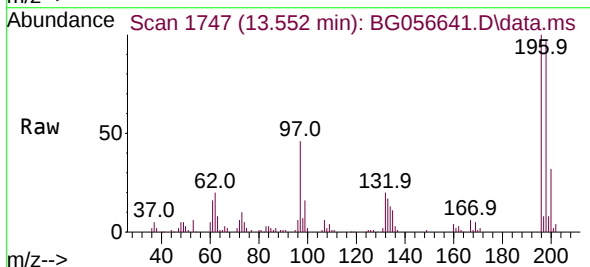
APPROVED

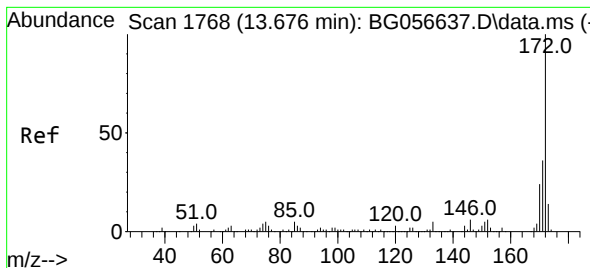
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#44
2,4,5-Trichlorophenol
Concen: 44.512 ng
RT: 13.552 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

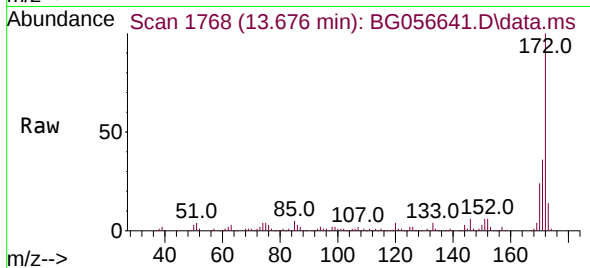
Tgt Ion:196 Resp: 68469
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.4
97 45.5 34.9 52.3
132 20.4 15.5 23.3





#45
2-Fluorobiphenyl
Concen: 81.176 ng
RT: 13.676 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

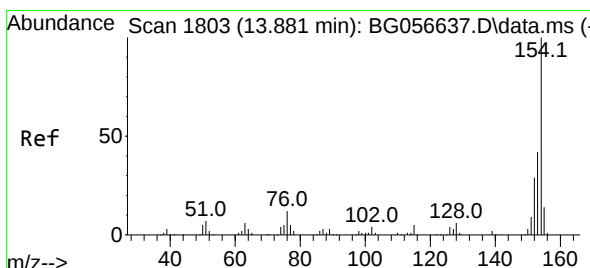
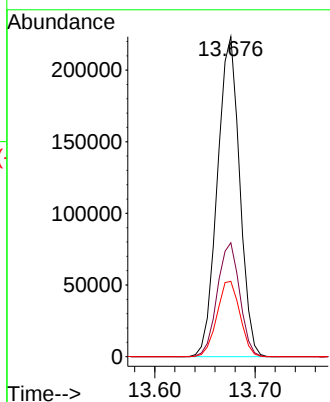
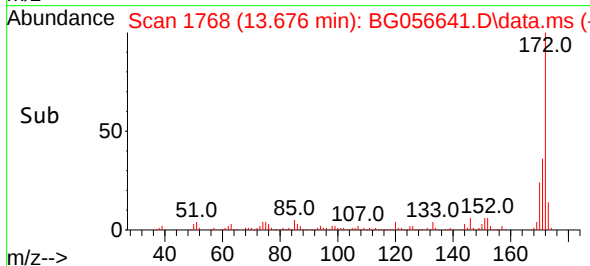
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



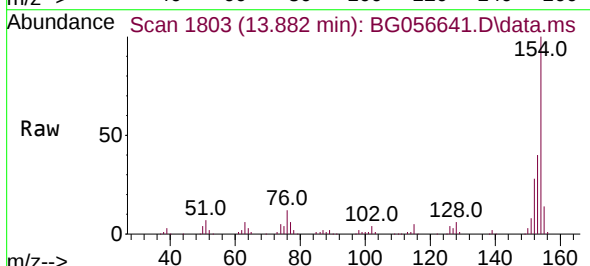
Tgt Ion:172 Resp: 344954
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 19.4 29.0

Manual Integrations
APPROVED

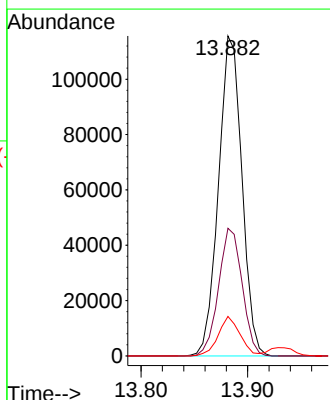
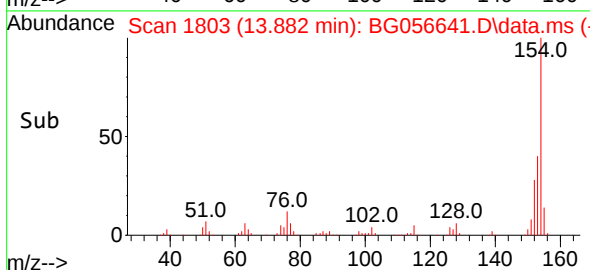
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

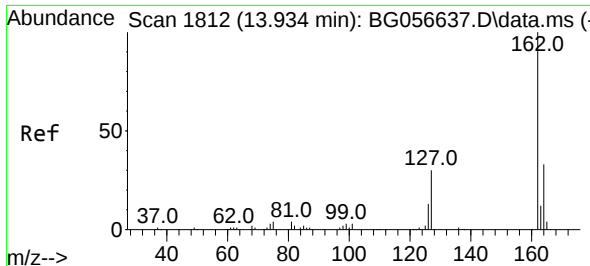


#46
1,1'-Biphenyl
Concen: 40.958 ng
RT: 13.882 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:154 Resp: 176547
Ion Ratio Lower Upper
154 100
153 39.9 21.9 61.9
76 12.3 0.0 31.9





#47
2-Chloronaphthalene
Concen: 41.080 ng
RT: 13.934 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

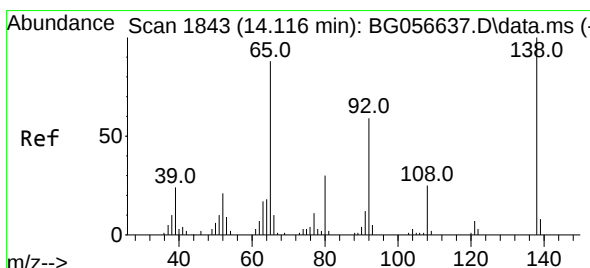
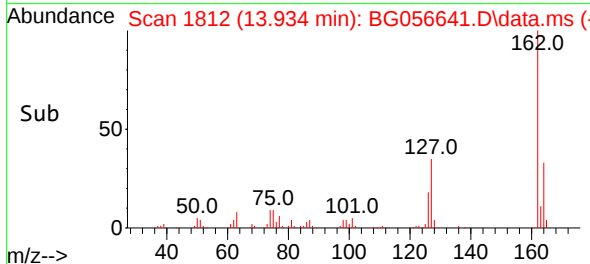
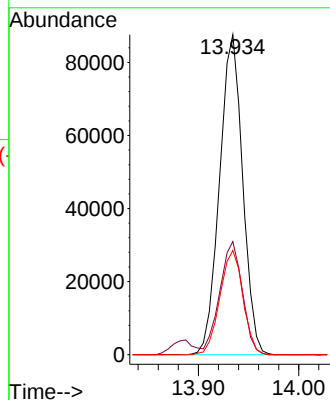
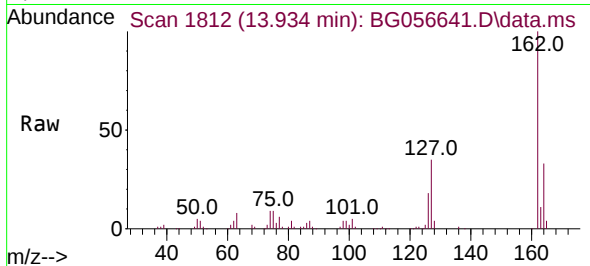
ClientSampleId :

ICVBG021523

Tgt Ion:162 Resp: 140127
Ion Ratio Lower Upper
162 100
127 35.3 27.5 41.3
164 32.5 26.5 39.7

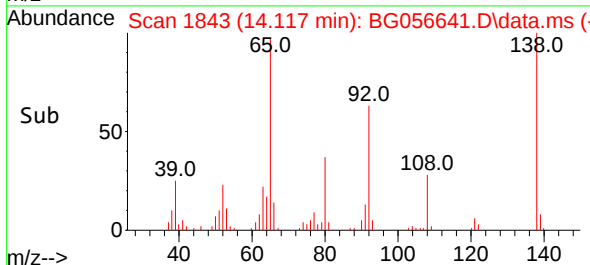
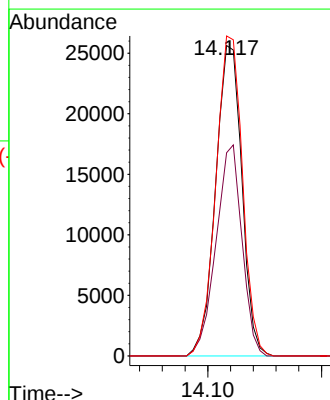
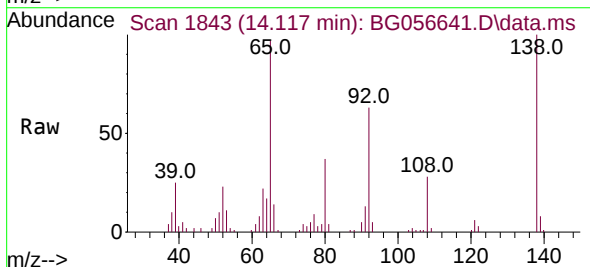
Manual Integrations
APPROVED

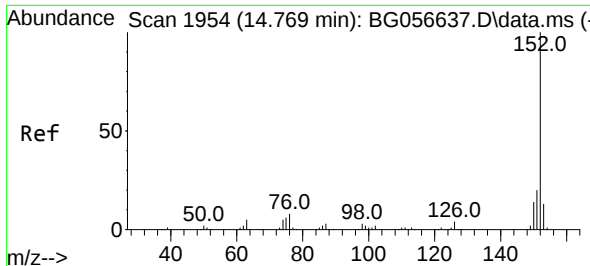
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#48
2-Nitroaniline
Concen: 42.050 ng
RT: 14.117 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion: 65 Resp: 41058
Ion Ratio Lower Upper
65 100
92 65.5 53.8 80.6
138 103.1 90.6 135.8





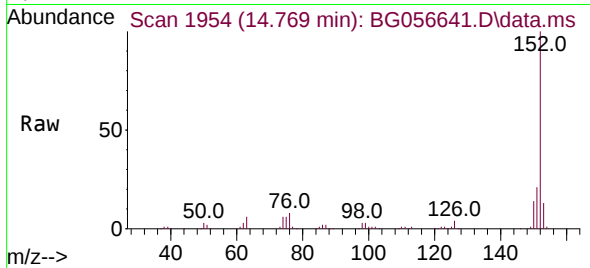
#49
Acenaphthylene
Concen: 40.566 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

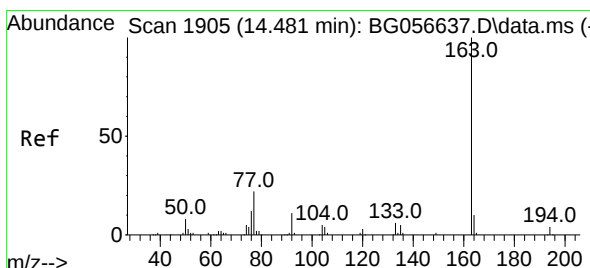
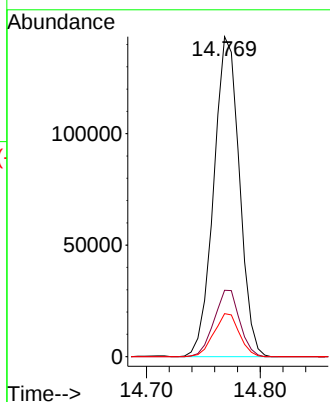
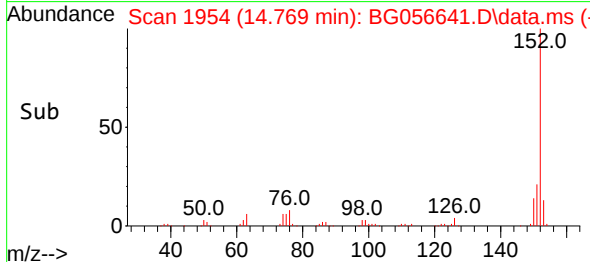


Tgt Ion:152 Resp: 224833
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 13.4 10.3 15.5

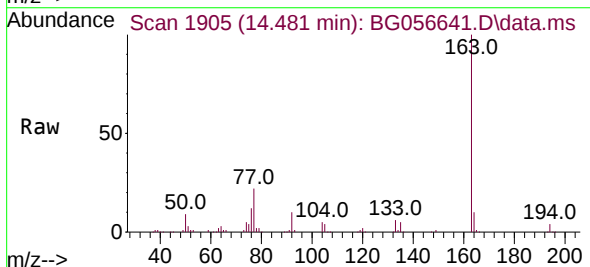
Manual Integrations

APPROVED

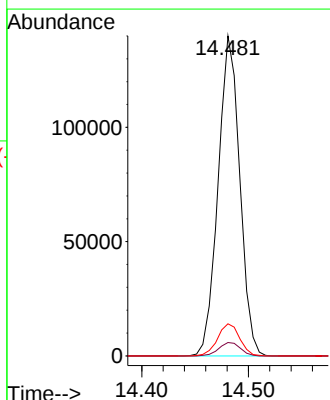
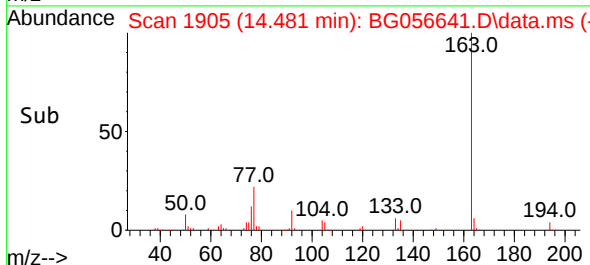
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

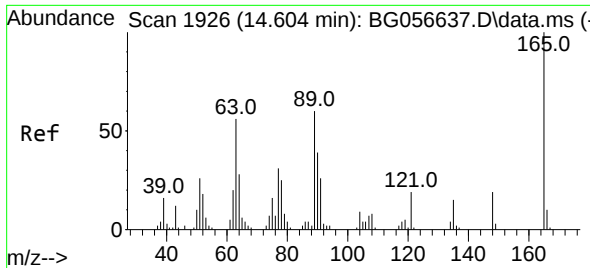


#50
Dimethylphthalate
Concen: 42.137 ng
RT: 14.481 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



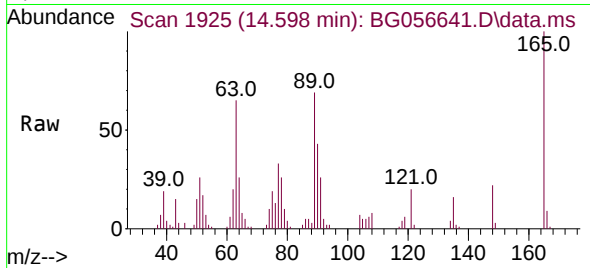
Tgt Ion:163 Resp: 198213
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.612 ng
RT: 14.598 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

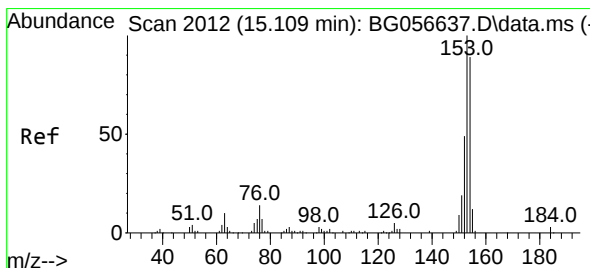
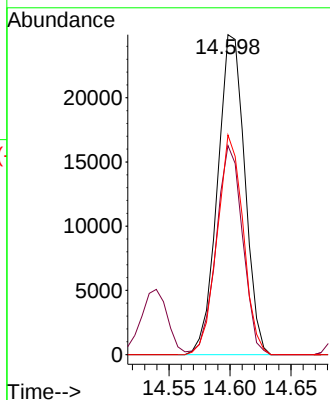
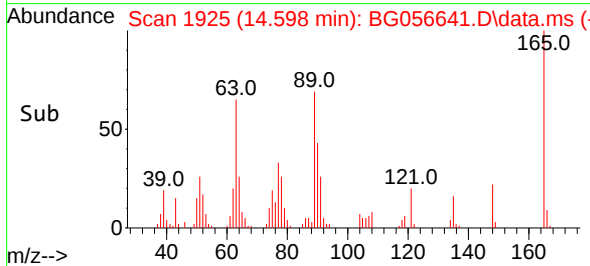
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



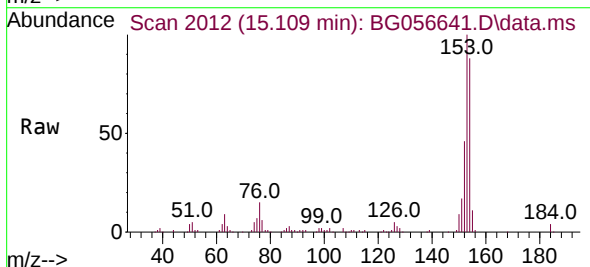
Tgt Ion:165 Resp: 38745
Ion Ratio Lower Upper
165 100
63 65.3 45.8 68.8
89 68.6 48.2 72.2

Manual Integrations
APPROVED

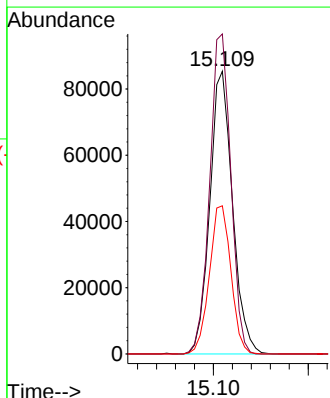
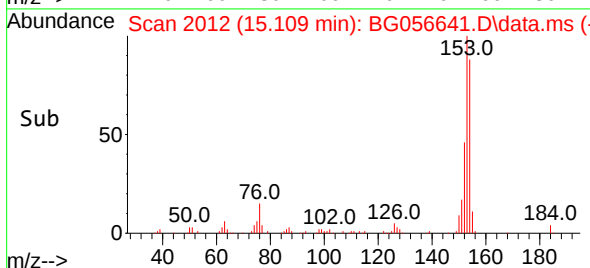
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

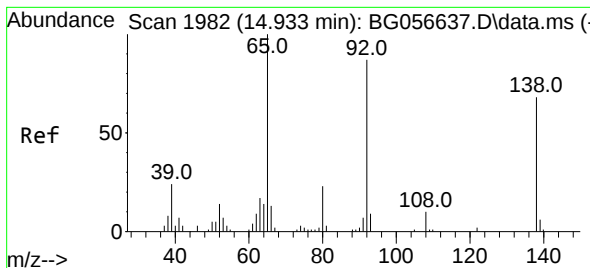


#52
Acenaphthene
Concen: 41.538 ng
RT: 15.109 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:154 Resp: 142011
Ion Ratio Lower Upper
154 100
153 113.2 89.5 134.3
152 52.4 43.7 65.5





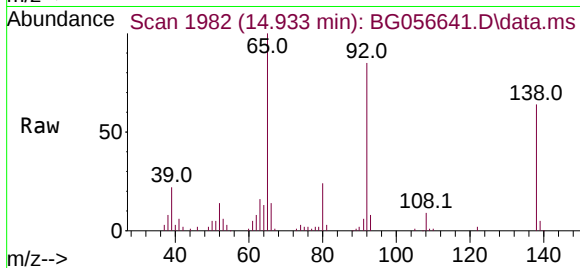
#53
3-Nitroaniline
Concen: 43.843 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

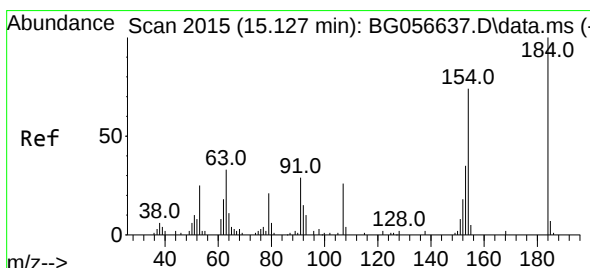
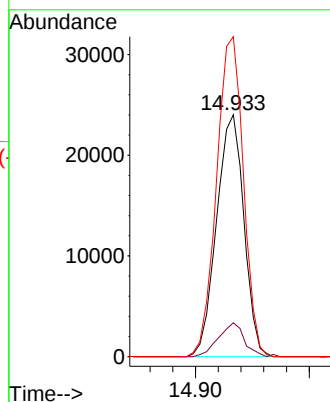
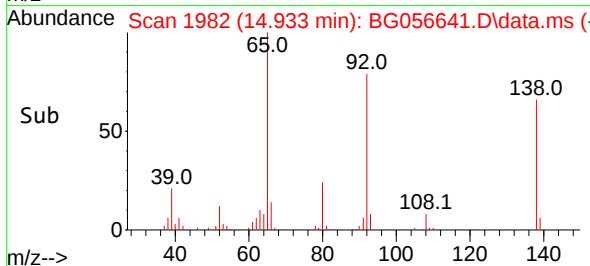


Tgt Ion:138 Resp: 40033
Ion Ratio Lower Upper
138 100
108 14.0 11.4 17.2
92 132.3 103.1 154.7

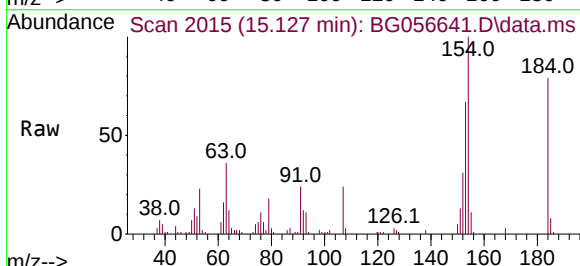
Manual Integrations

APPROVED

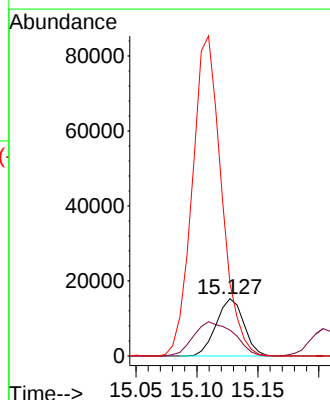
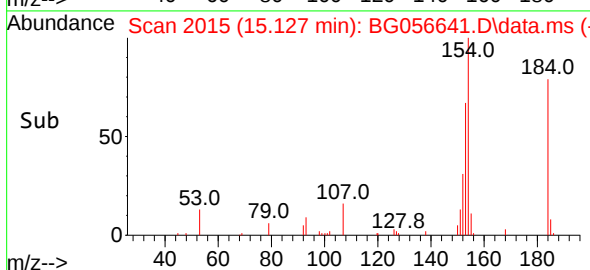
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

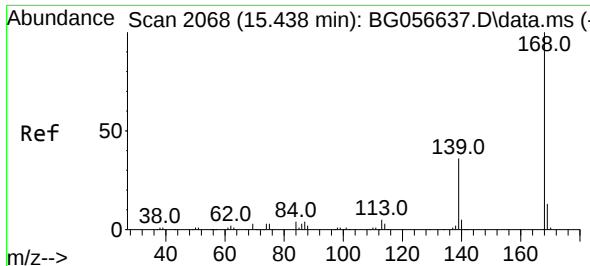


#54
2,4-Dinitrophenol
Concen: 44.019 ng
RT: 15.127 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



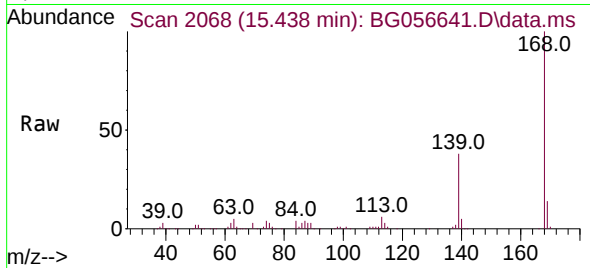
Tgt Ion:184 Resp: 23922
Ion Ratio Lower Upper
184 100
63 45.3 31.0 46.6
154 126.5 99.8 149.8





#55
Dibenzofuran
Concen: 40.876 ng
RT: 15.438 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

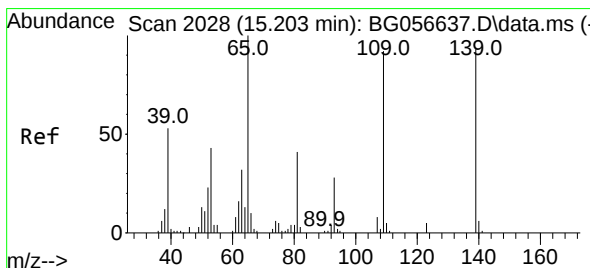
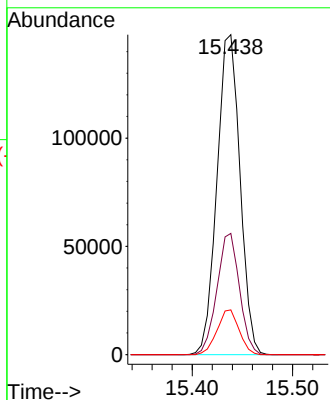
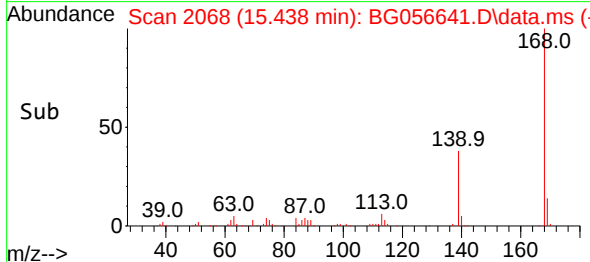
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



Tgt Ion:168 Resp: 236091
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 14.0 10.7 16.1

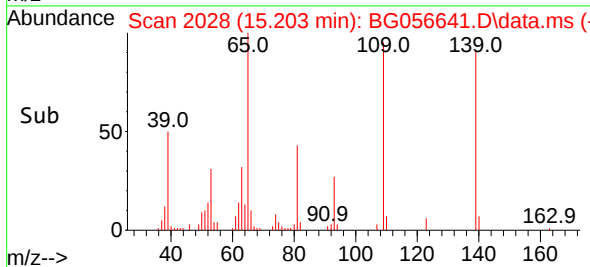
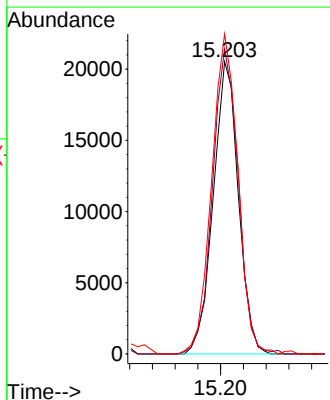
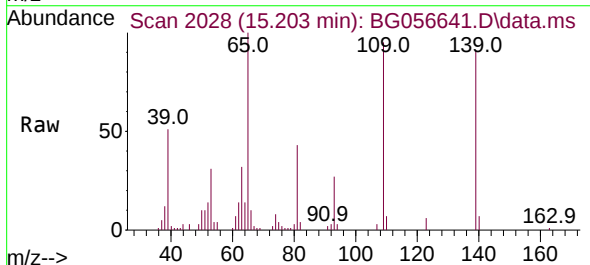
Manual Integrations
APPROVED

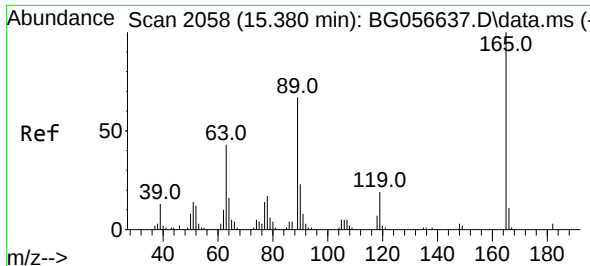
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#56
4-Nitrophenol
Concen: 44.988 ng
RT: 15.203 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:139 Resp: 31473
Ion Ratio Lower Upper
139 100
109 104.4 79.3 119.3
65 109.5 87.6 127.6





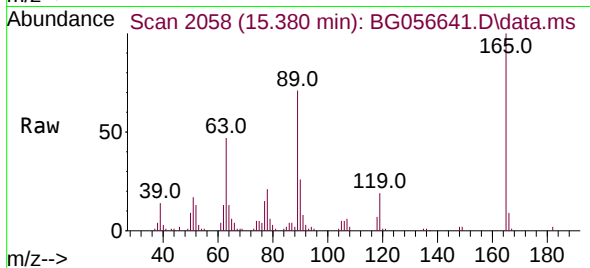
#57
2,4-Dinitrotoluene
Concen: 46.443 ng
RT: 15.380 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

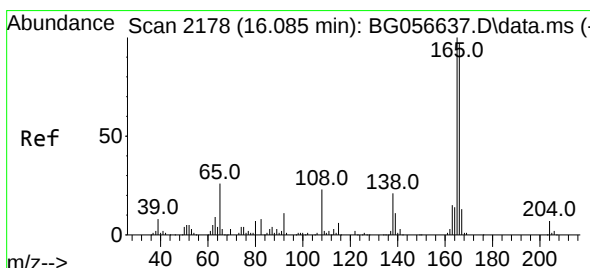
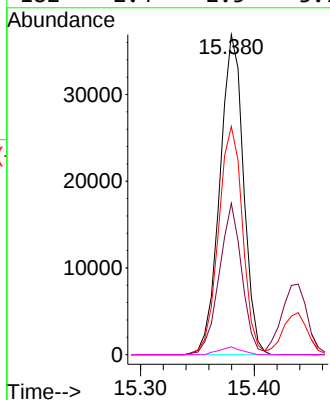
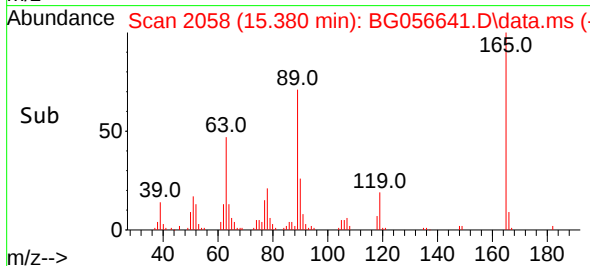


Tgt Ion:165 Resp: 53280
Ion Ratio Lower Upper
165 100
63 47.3 34.6 52.0
89 71.3 53.8 80.8
182 2.4 2.5 3.7#

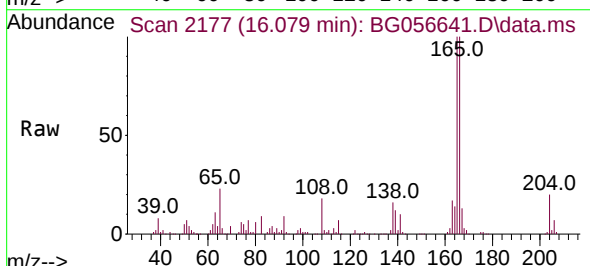
Manual Integrations

APPROVED

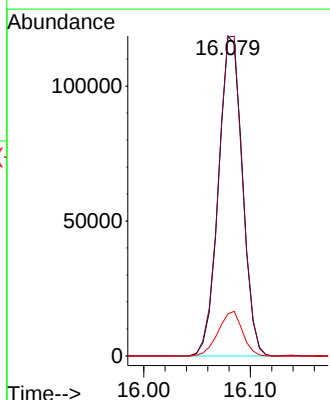
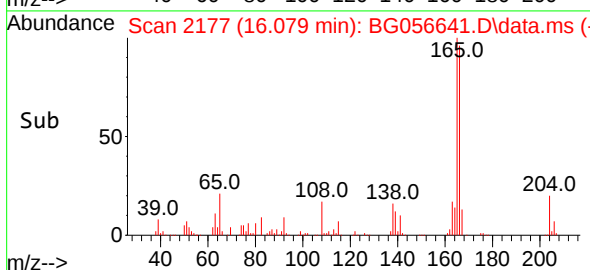
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

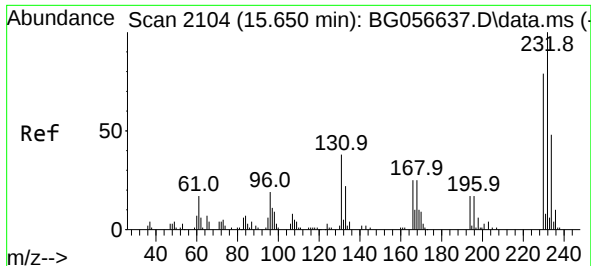


#58
Fluorene
Concen: 40.458 ng
RT: 16.079 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:166 Resp: 184760
Ion Ratio Lower Upper
166 100
165 99.7 82.9 124.3
167 13.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.938 ng
RT: 15.650 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

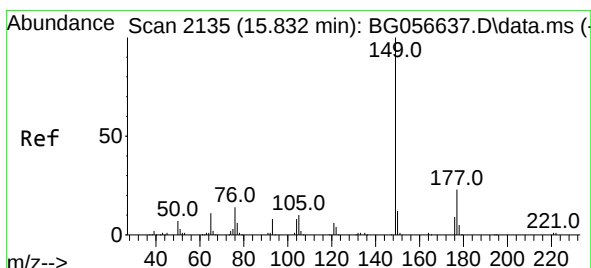
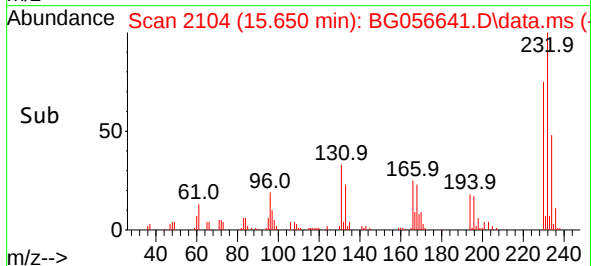
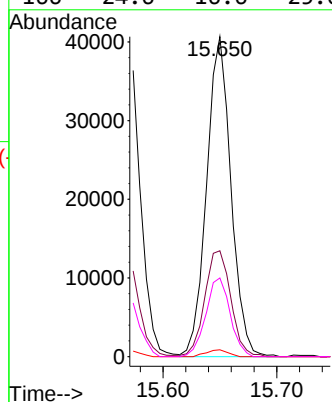
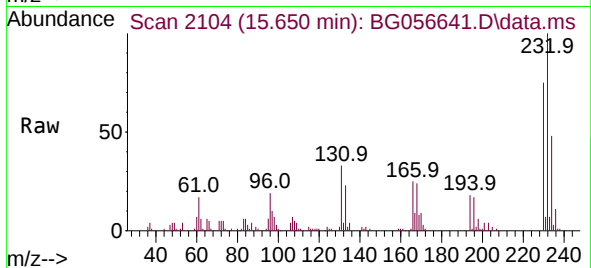
ICVBG021523

Tgt Ion:232 Resp: 60583
Ion Ratio Lower Upper
232 100
131 35.4 24.7 37.1
130 1.9 1.4 2.2
166 24.6 16.6 25.0

Manual Integrations

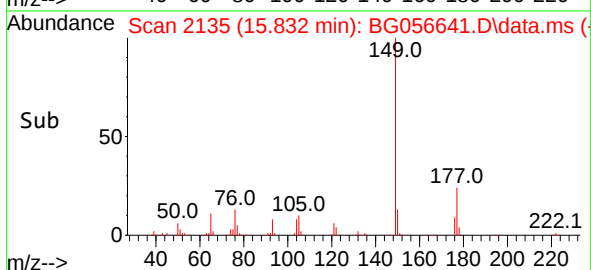
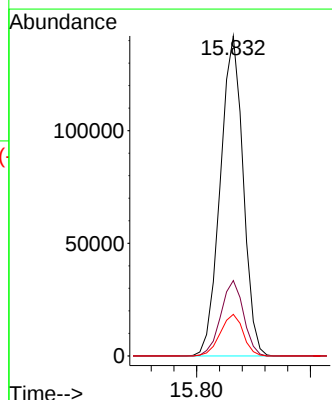
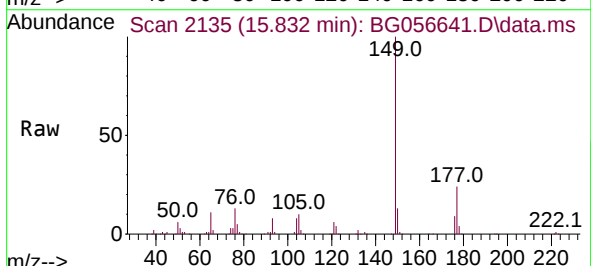
APPROVED

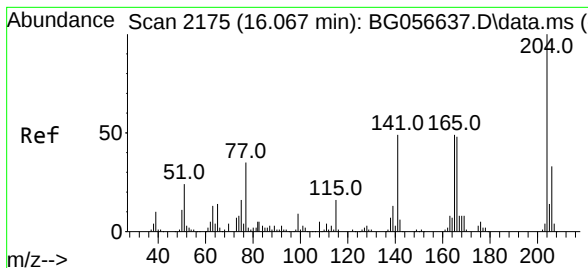
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#60
Diethylphthalate
Concen: 41.728 ng
RT: 15.832 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:149 Resp: 198001
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 13.0 9.9 14.9





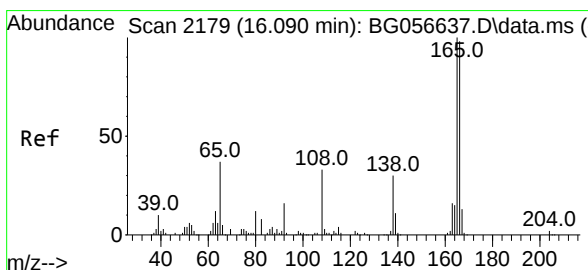
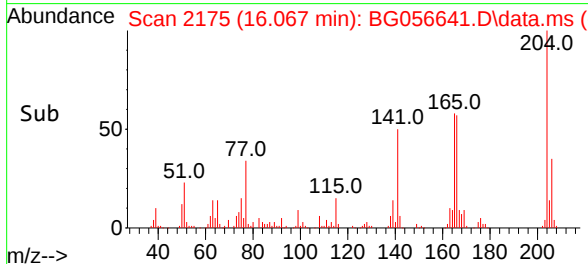
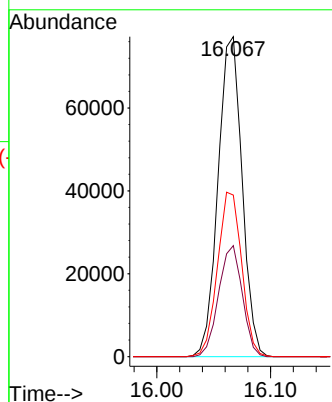
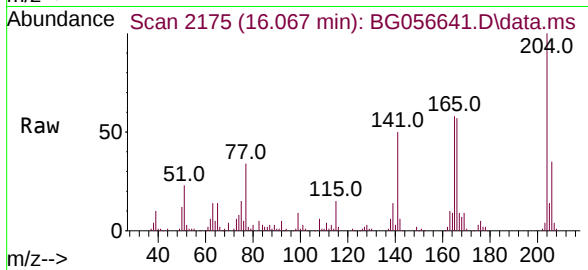
#61
4-Chlorophenyl-phenylether
Concen: 40.615 ng
RT: 16.067 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion:204 Resp: 11331
Ion Ratio Lower Upper
204 100
206 34.7 26.6 39.8
141 50.5 38.9 58.3

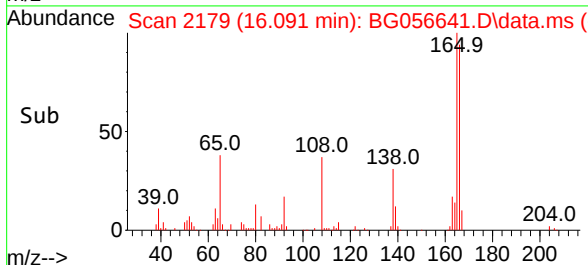
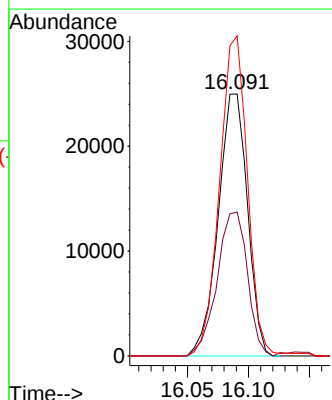
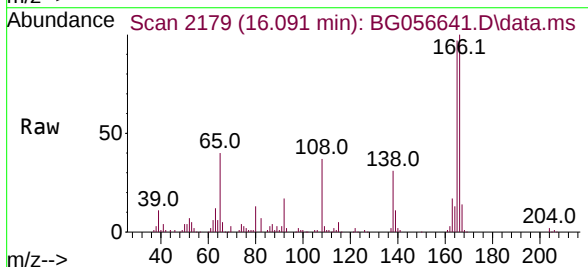
Manual Integrations
APPROVED

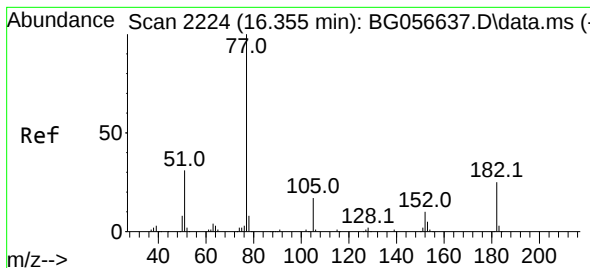
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#62
4-Nitroaniline
Concen: 43.785 ng
RT: 16.091 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:138 Resp: 41667
Ion Ratio Lower Upper
138 100
92 54.9 31.5 71.5
108 122.2 88.6 128.6





#63

Azobenzene

Concen: 40.394 ng

RT: 16.355 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

Tgt Ion: 77 Resp: 191829

Ion Ratio Lower Upper

77 100

182 25.6 5.2 45.2

105 17.5 0.0 37.3

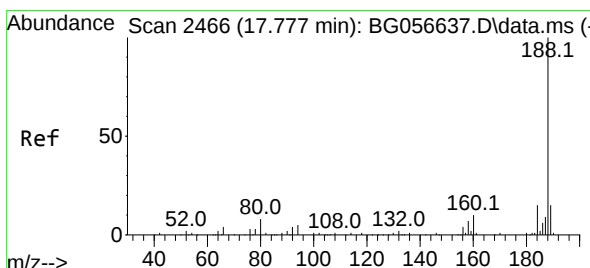
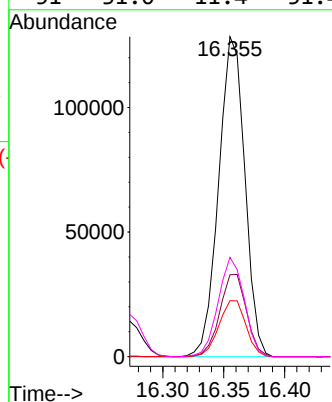
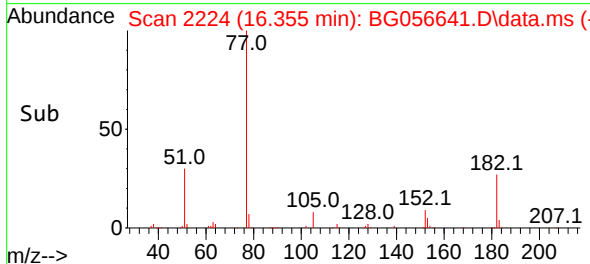
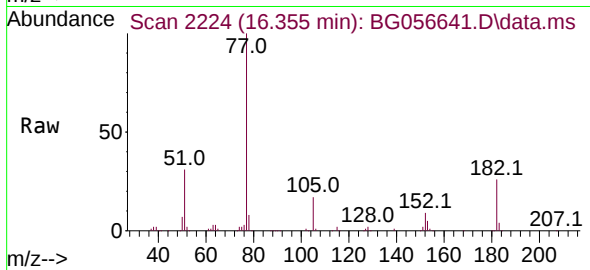
51 31.0 11.4 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.777 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

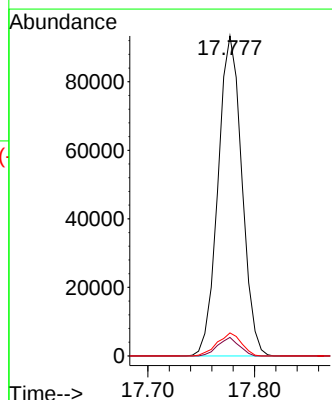
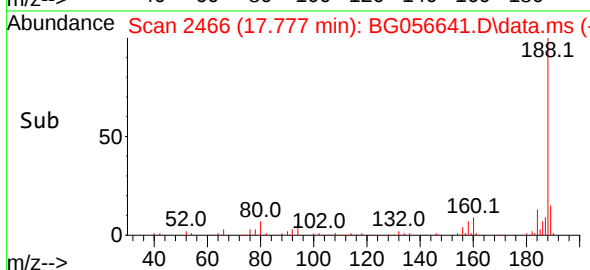
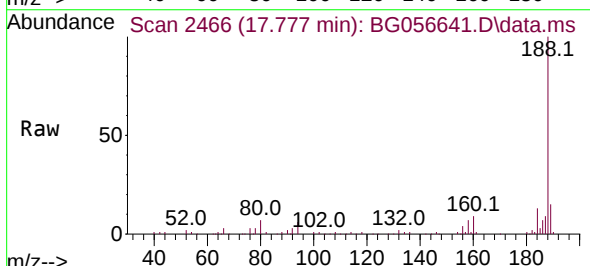
Tgt Ion:188 Resp: 145260

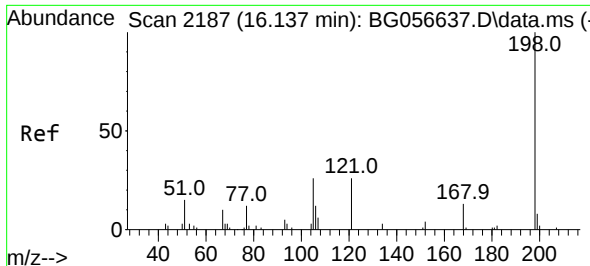
Ion Ratio Lower Upper

188 100

94 5.8 4.0 6.0

80 7.2 6.3 9.5





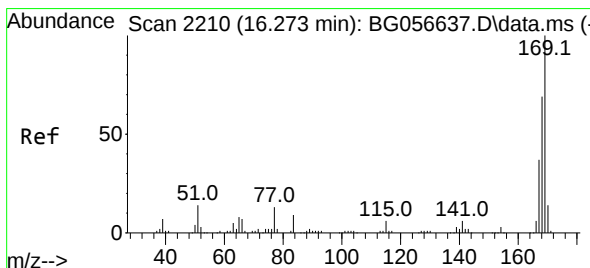
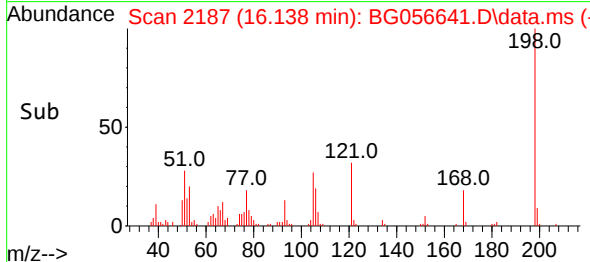
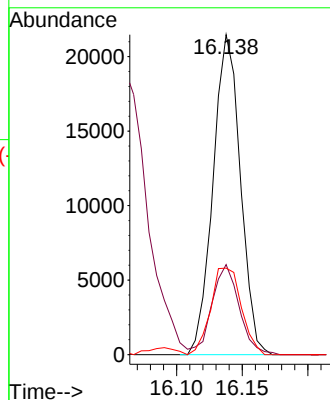
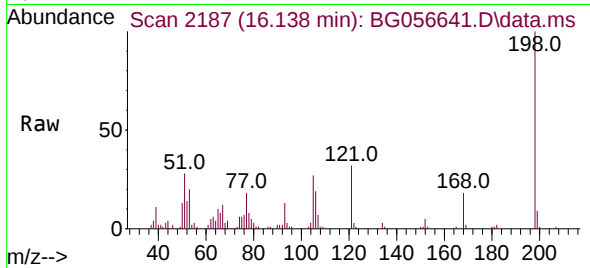
#65
4,6-Dinitro-2-methylphenol
Concen: 41.490 ng
RT: 16.138 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :
BNA_G
ClientSampleId :
ICVBG021523

Tgt Ion:198 Resp: 31123
Ion Ratio Lower Upper
198 100
51 28.1 7.4 47.4
105 27.0 8.2 48.2

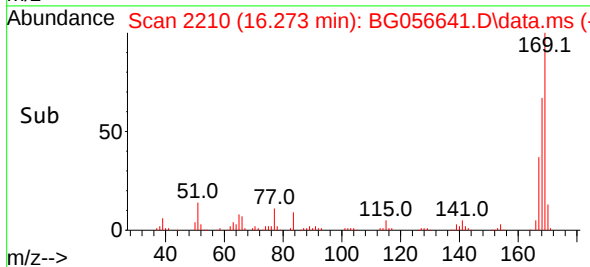
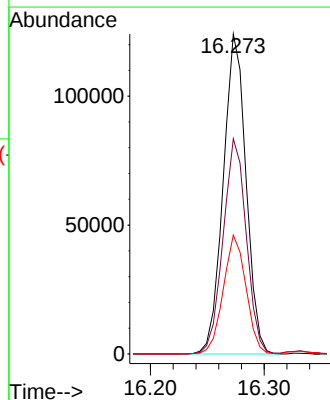
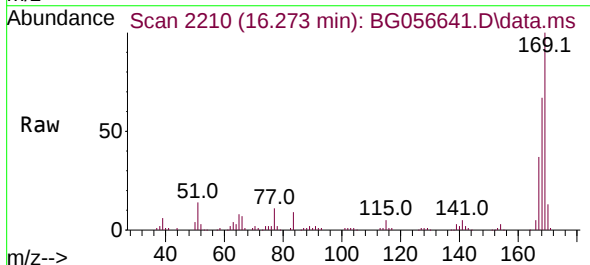
Manual Integrations
APPROVED

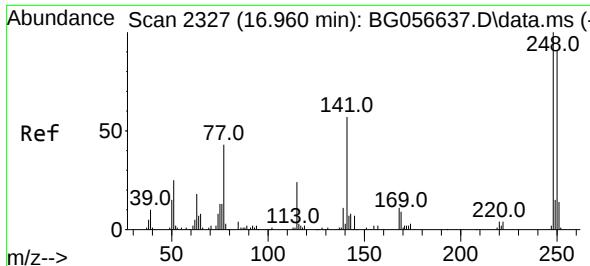
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#66
n-Nitrosodiphenylamine
Concen: 40.854 ng
RT: 16.273 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:169 Resp: 172643
Ion Ratio Lower Upper
169 100
168 67.3 55.5 83.3
167 37.1 29.5 44.3





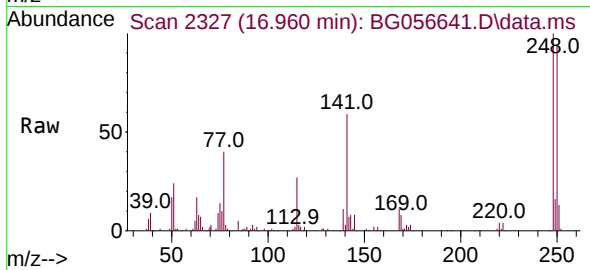
#67
4-Bromophenyl-phenylether
Concen: 40.540 ng
RT: 16.960 min Scan# 2327
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

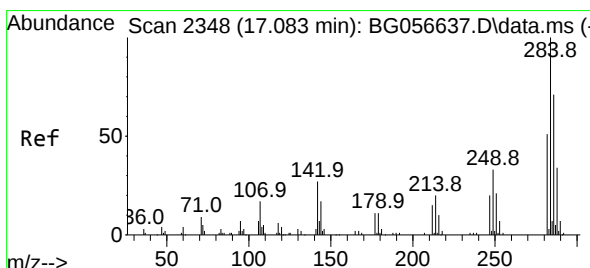
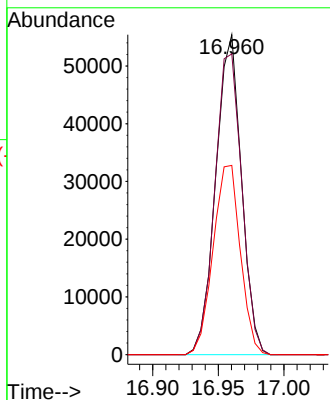
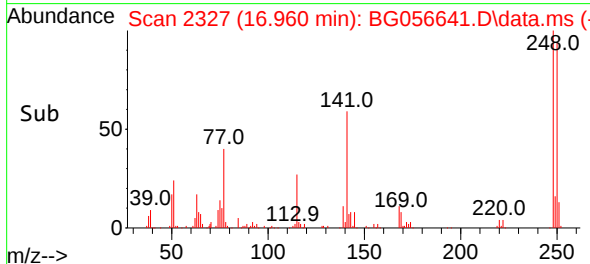


Tgt Ion:248 Resp: 7560
Ion Ratio Lower Upper
248 100
250 94.0 73.0 109.6
141 59.1 45.6 68.4

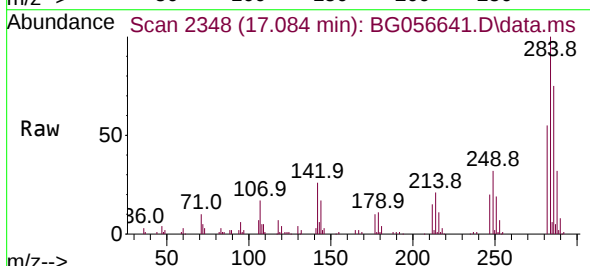
Manual Integrations

APPROVED

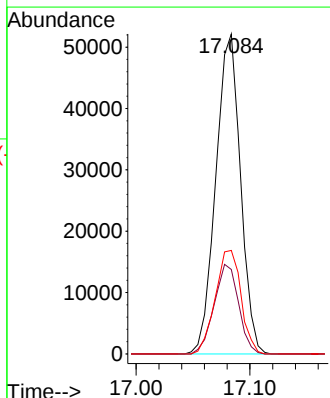
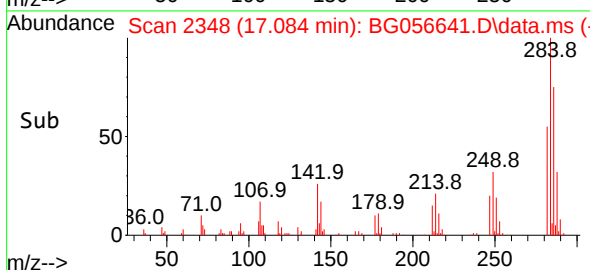
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

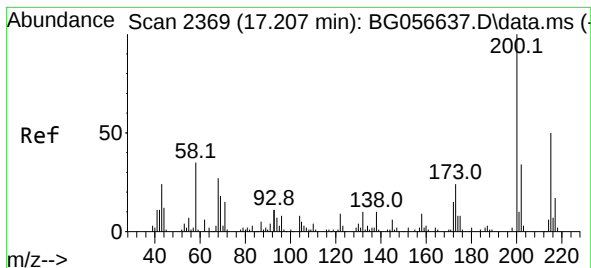


#68
Hexachlorobenzene
Concen: 41.356 ng
RT: 17.084 min Scan# 2348
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:284 Resp: 78580
Ion Ratio Lower Upper
284 100
142 26.4 21.4 32.2
249 32.3 26.1 39.1





#69

Atrazine

Concen: 41.235 ng

RT: 17.207 min Scan# 2369

Delta R.T. 0.000 min

Lab File: BG056641.D

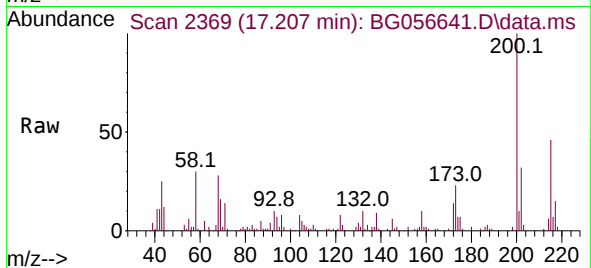
Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

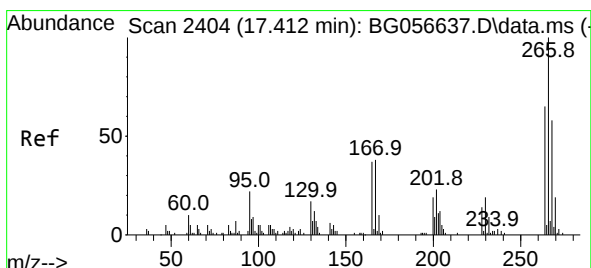
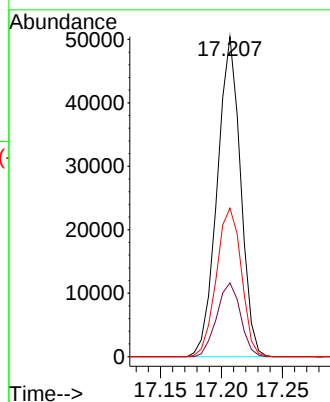
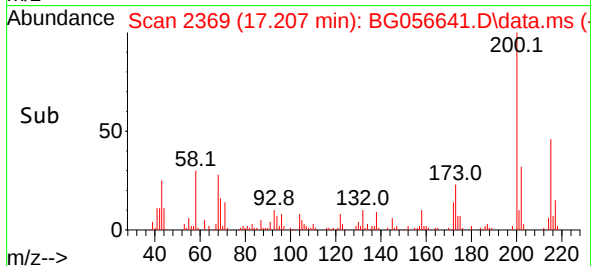


Tgt Ion:200	Resp:	6691
Ion Ratio	Lower	Upper
200	100	
173	23.0	4.4 44.4
215	46.4	29.6 69.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#70

Pentachlorophenol

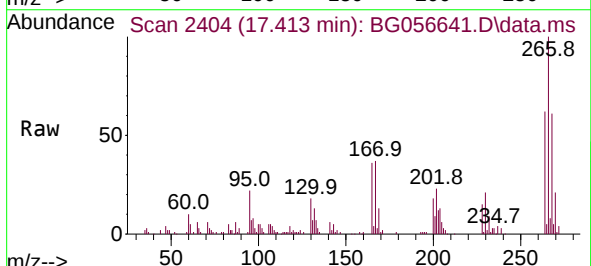
Concen: 44.893 ng

RT: 17.413 min Scan# 2404

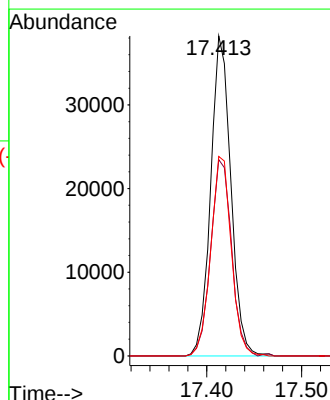
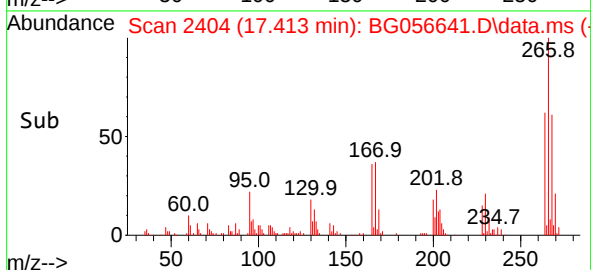
Delta R.T. 0.000 min

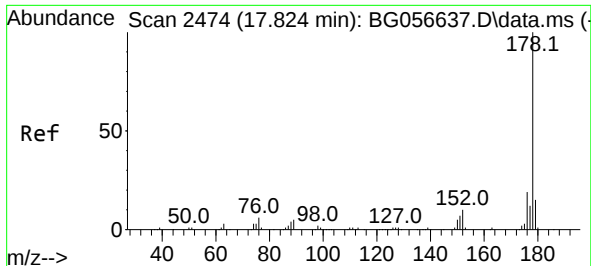
Lab File: BG056641.D

Acq: 15 Feb 2023 19:55



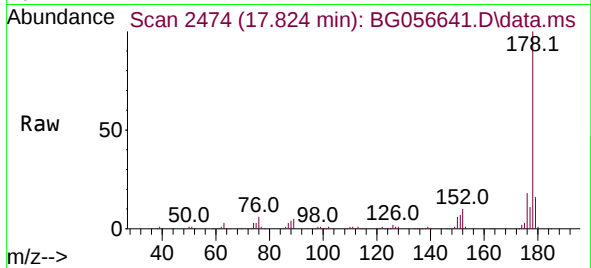
Tgt Ion:266	Resp:	56491
Ion Ratio	Lower	Upper
266	100	
268	61.3	46.7 70.1
264	62.3	51.8 77.6





#71
Phenanthrene
Concen: 40.971 ng
RT: 17.824 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

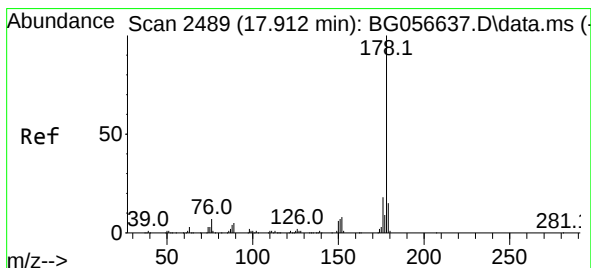
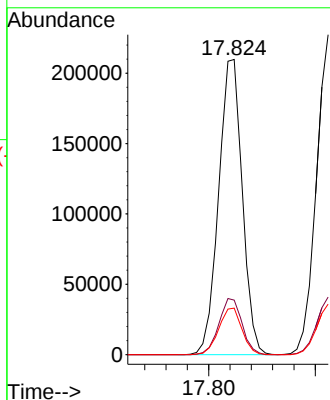
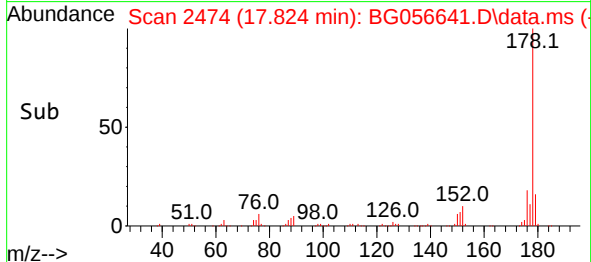
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



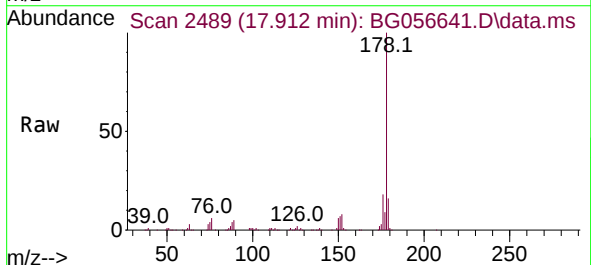
Tgt Ion:178 Resp: 323793
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.7 12.2 18.4

Manual Integrations
APPROVED

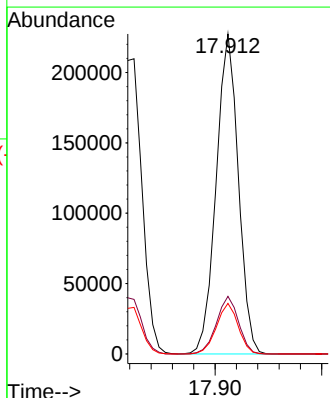
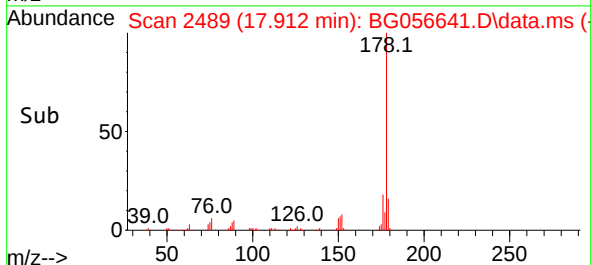
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

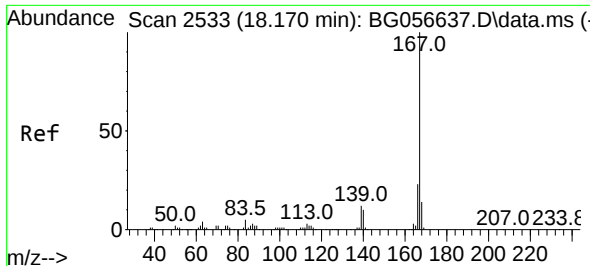


#72
Anthracene
Concen: 40.637 ng
RT: 17.912 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:178 Resp: 328612
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 40.686 ng
 RT: 18.171 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

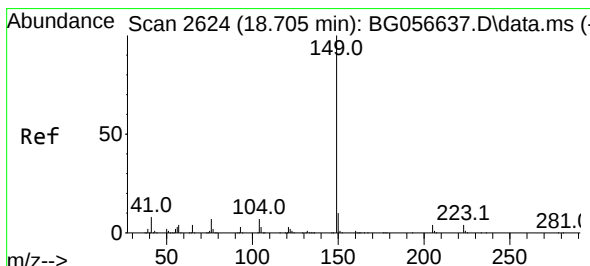
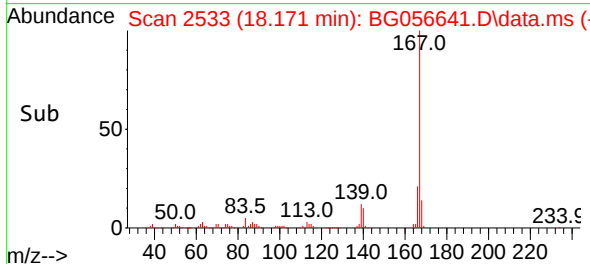
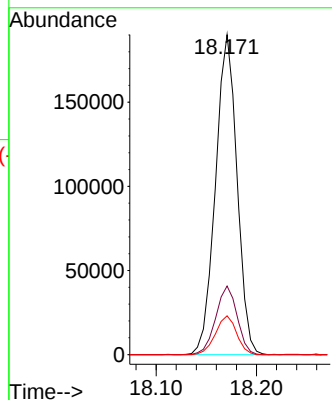
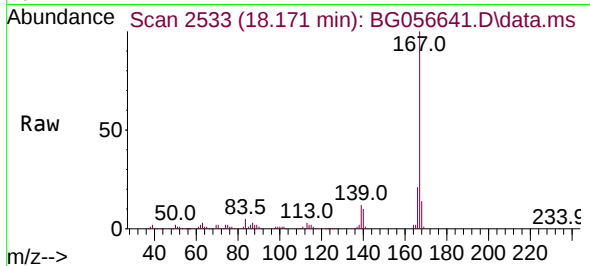
ICVBG021523

Tgt Ion:167 Resp: 283616
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.1 9.4 14.0

Manual Integrations

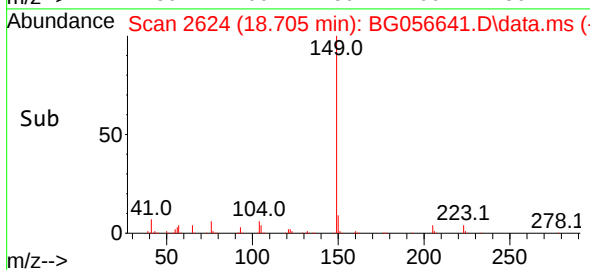
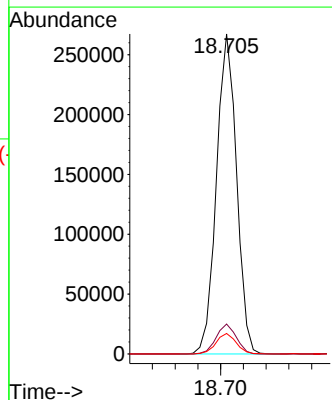
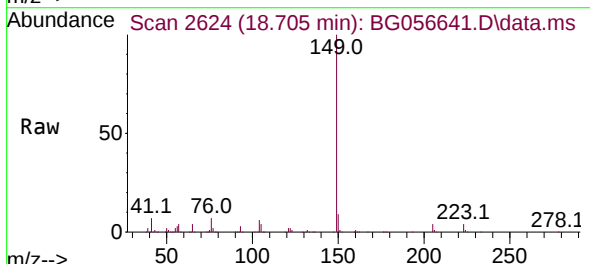
APPROVED

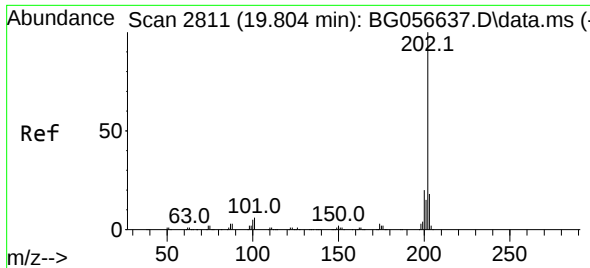
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#74
 Di-n-butylphthalate
 Concen: 41.956 ng
 RT: 18.705 min Scan# 2624
 Delta R.T. 0.000 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

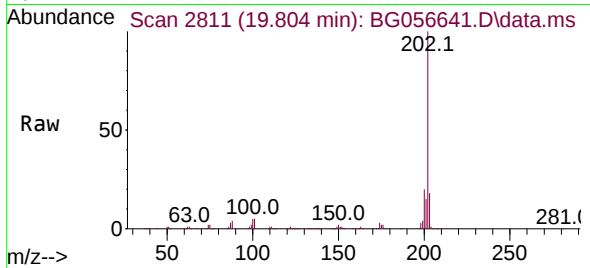
Tgt Ion:149 Resp: 327299
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.4 5.4 8.0





#75
Fluoranthene
Concen: 40.062 ng
RT: 19.804 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

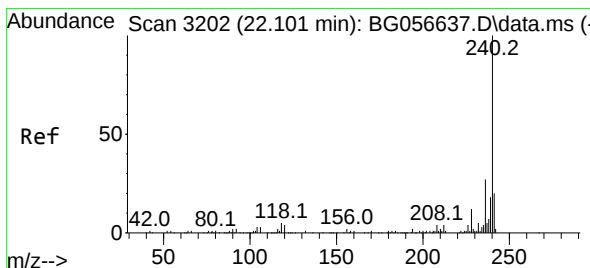
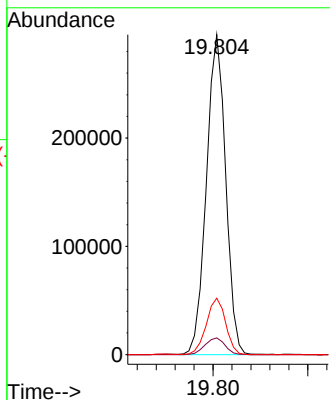
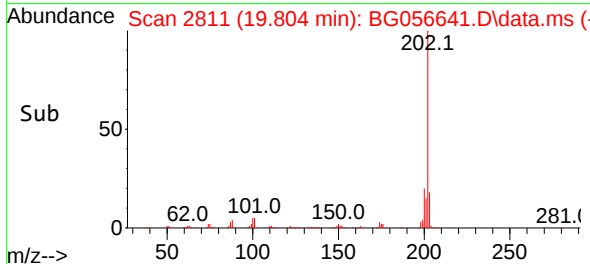
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



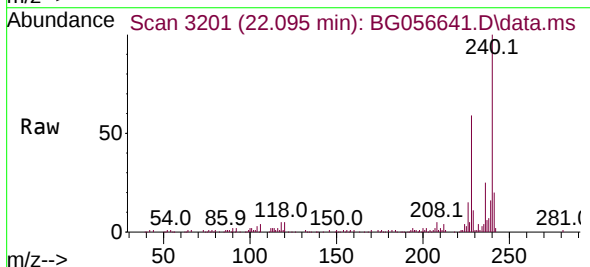
Tgt Ion:202 Resp: 417753
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.8
203 17.6 0.0 37.6

Manual Integrations
APPROVED

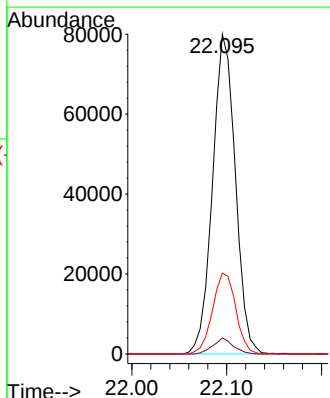
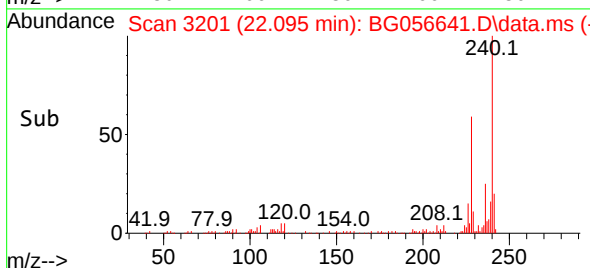
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

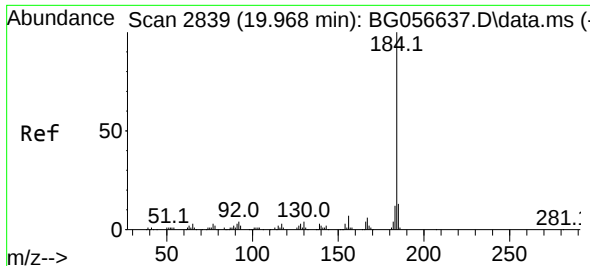


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3201
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



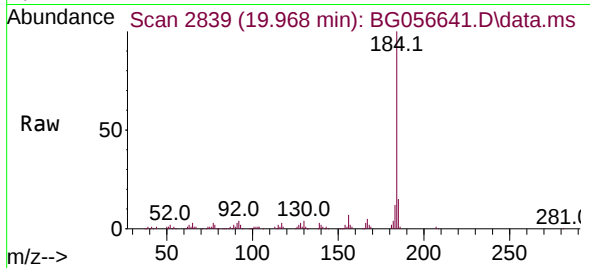
Tgt Ion:240 Resp: 133451
Ion Ratio Lower Upper
240 100
120 5.0 3.5 5.3
236 25.2 21.5 32.3





#77
Benzidine
Concen: 39.357 ng
RT: 19.968 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

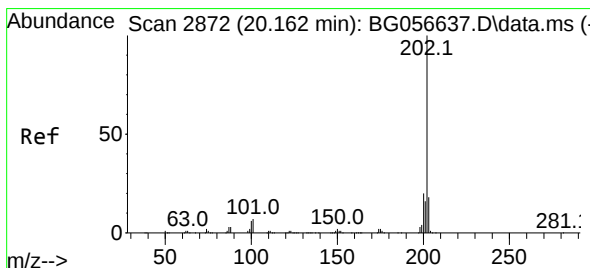
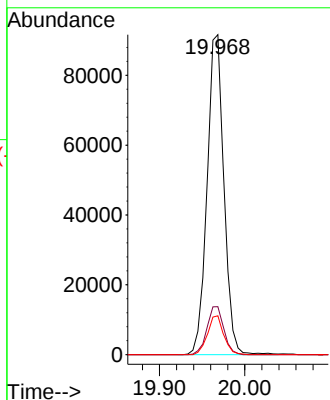
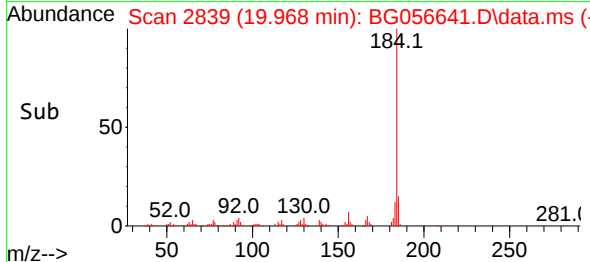
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



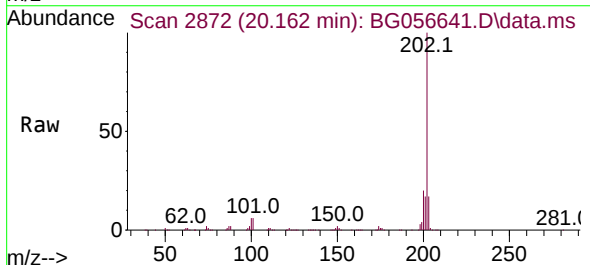
Tgt Ion:184 Resp: 125622
Ion Ratio Lower Upper
184 100
185 15.0 10.6 15.8
183 12.2 9.4 14.0

Manual Integrations
APPROVED

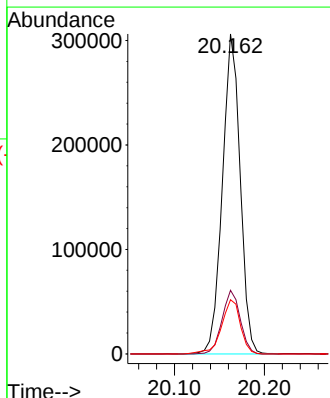
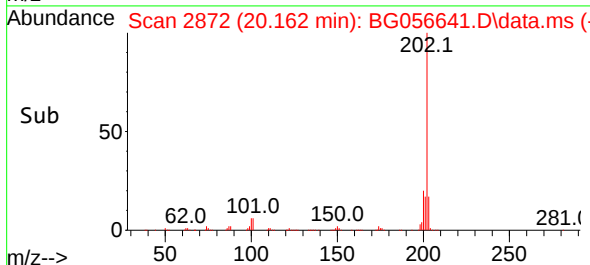
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

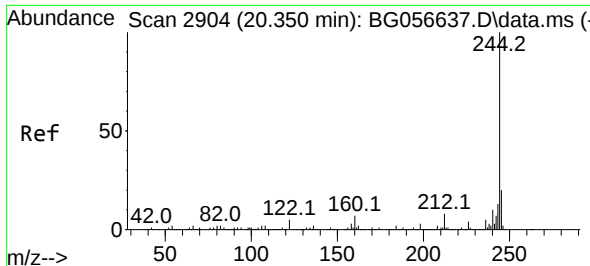


#78
Pyrene
Concen: 41.896 ng
RT: 20.162 min Scan# 2872
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



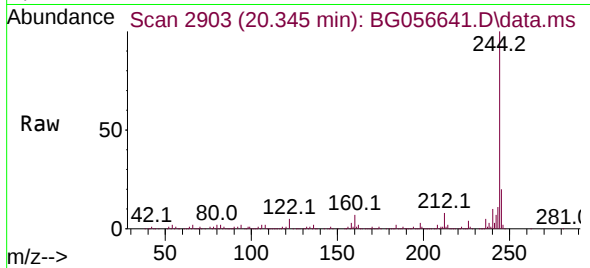
Tgt Ion:202 Resp: 422246
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 16.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 82.726 ng
 RT: 20.345 min Scan# 2904
 Delta R.T. -0.006 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

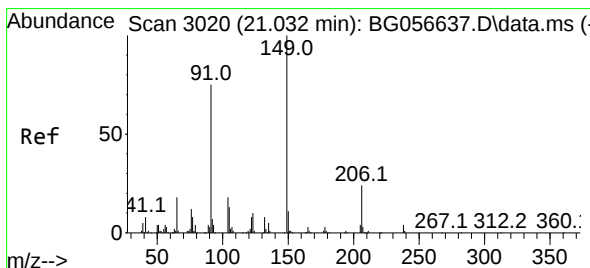
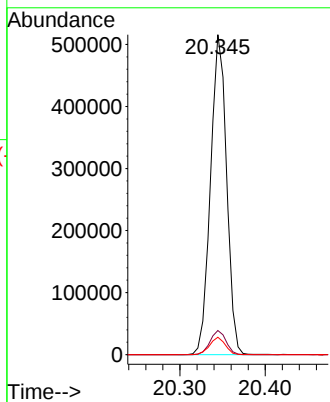
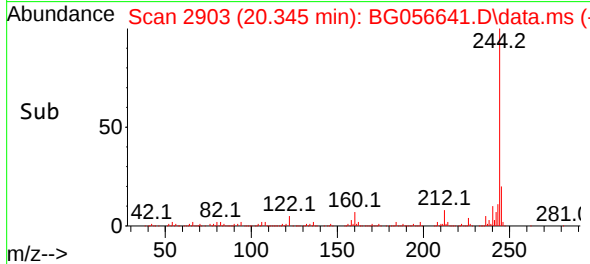
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG021523



Tgt Ion:244 Resp: 674763
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.4 3.8 5.8

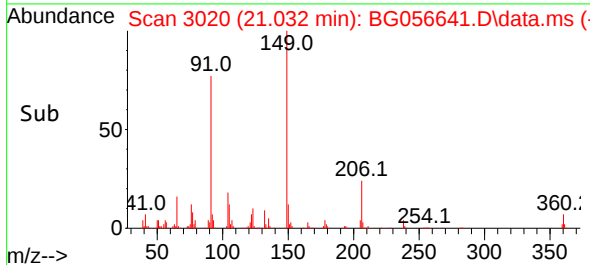
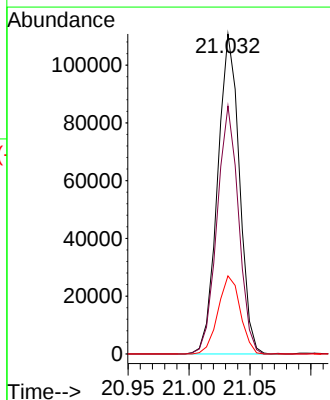
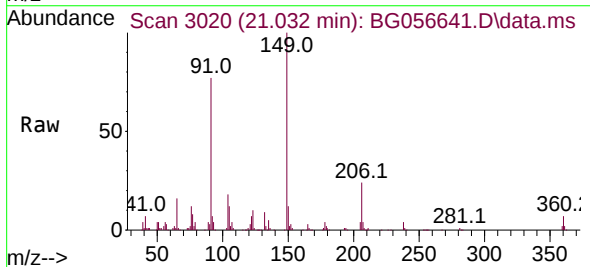
Manual Integrations
 APPROVED

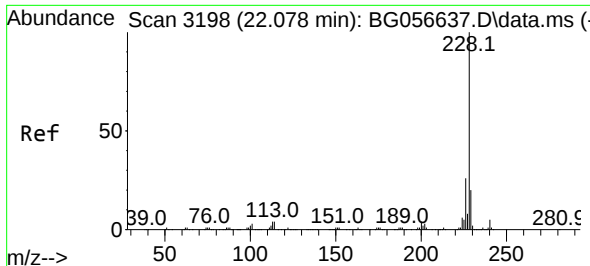
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#80
 Butylbenzylphthalate
 Concen: 45.363 ng
 RT: 21.032 min Scan# 3020
 Delta R.T. 0.000 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

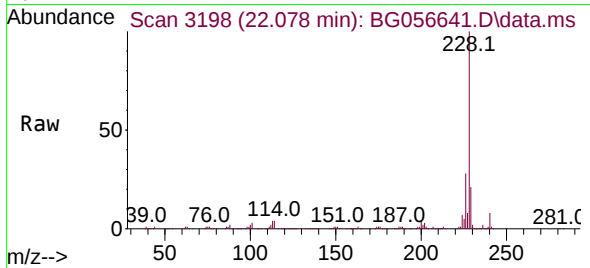
Tgt Ion:149 Resp: 137289
 Ion Ratio Lower Upper
 149 100
 91 77.5 60.3 90.5
 206 24.4 19.0 28.6





#81
Benzo(a)anthracene
Concen: 41.078 ng
RT: 22.078 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

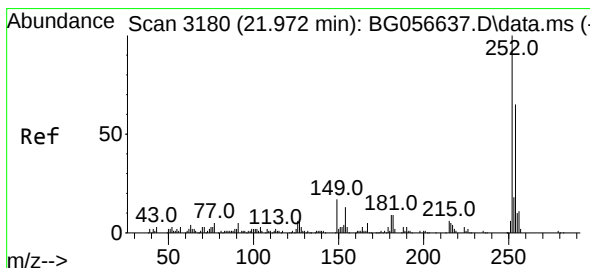
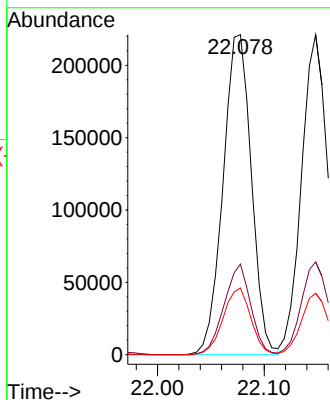
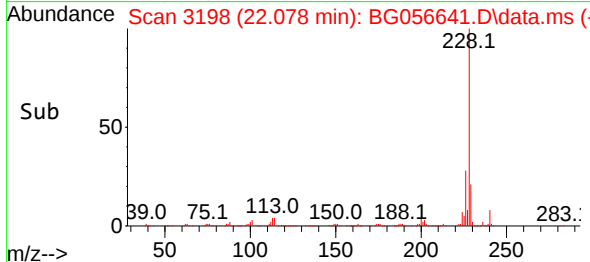
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



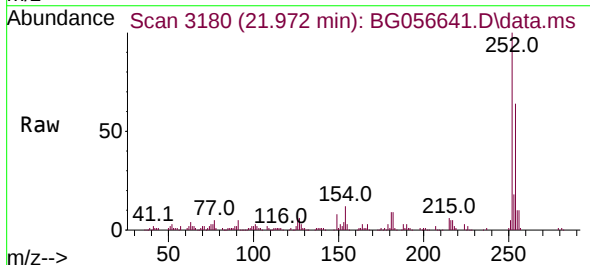
Tgt Ion:228 Resp: 407675
Ion Ratio Lower Upper
228 100
226 28.3 20.4 30.6
229 20.8 16.0 24.0

Manual Integrations
APPROVED

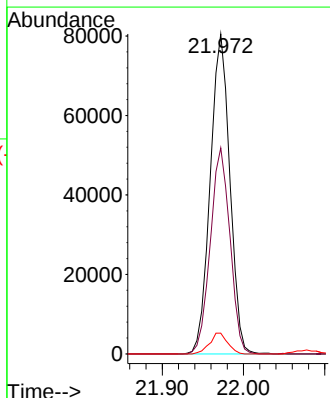
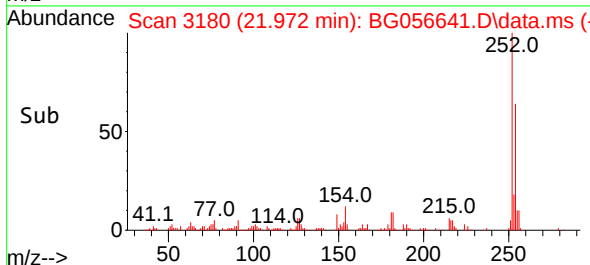
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

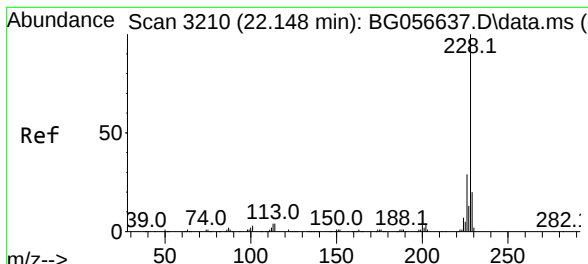


#82
3,3'-Dichlorobenzidine
Concen: 41.843 ng
RT: 21.972 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:252 Resp: 134730
Ion Ratio Lower Upper
252 100
254 64.4 52.2 78.2
126 6.5 4.9 7.3





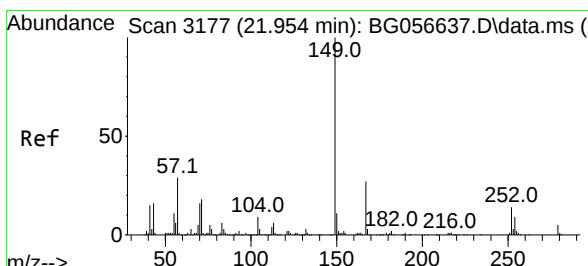
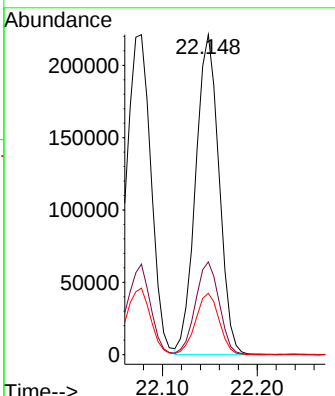
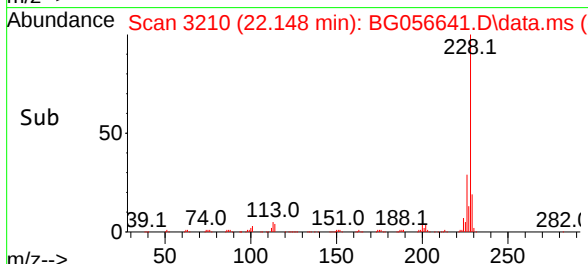
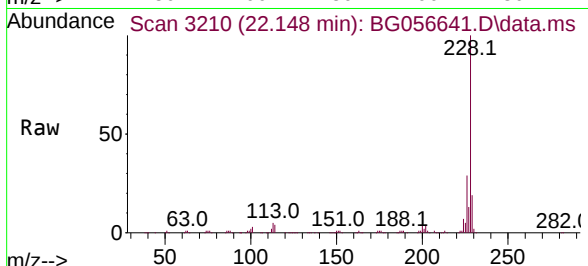
#83
 Chrysene
 Concen: 40.805 ng
 RT: 22.148 min Scan# 3176
 Delta R.T. 0.000 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

Instrument : BNA_G
 ClientSampleId : ICVBG021523

Tgt Ion:	228	Resp:	378578
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.0	34.6
229	19.2	15.8	23.8

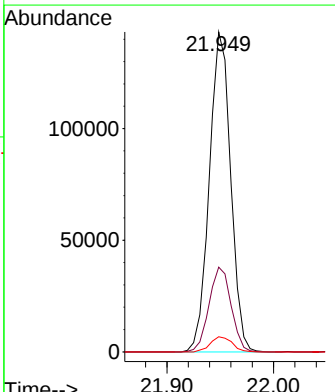
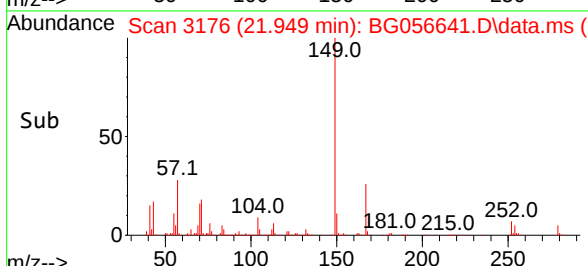
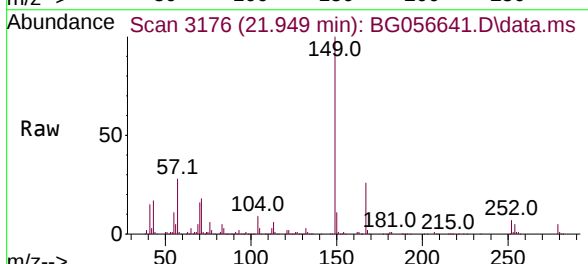
Manual Integrations
 APPROVED

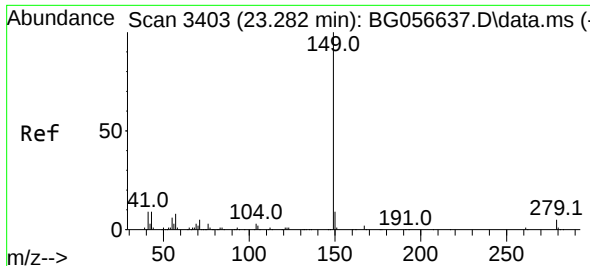
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.921 ng
 RT: 21.949 min Scan# 3176
 Delta R.T. -0.006 min
 Lab File: BG056641.D
 Acq: 15 Feb 2023 19:55

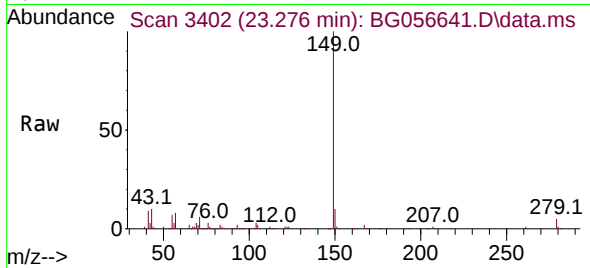
Tgt Ion:	149	Resp:	199187
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.4	32.0
279	4.7	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 44.164 ng
RT: 23.276 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

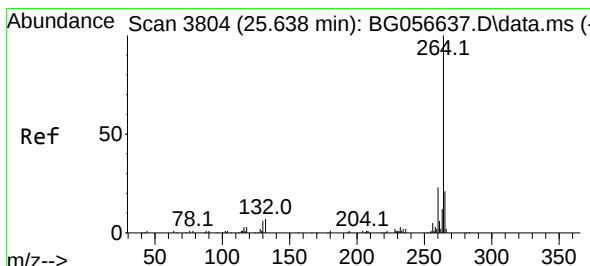
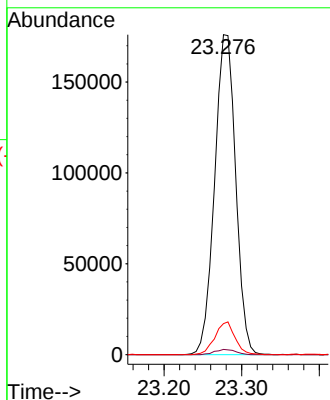
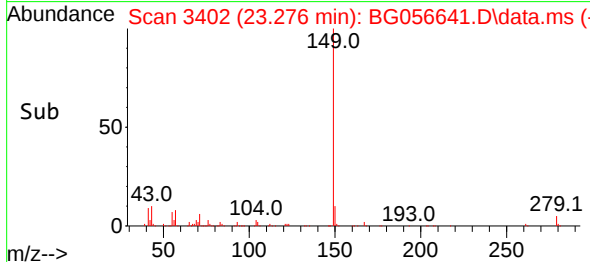
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



Tgt Ion:149 Resp: 332894
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.6

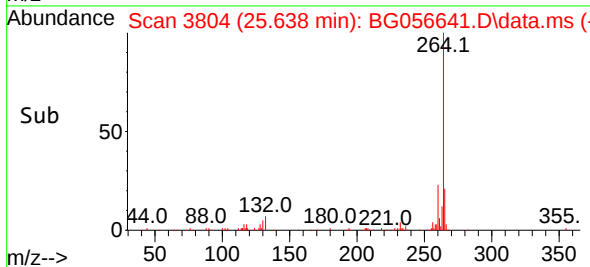
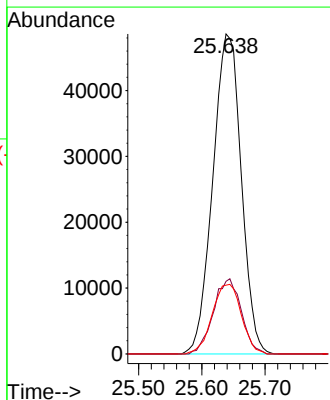
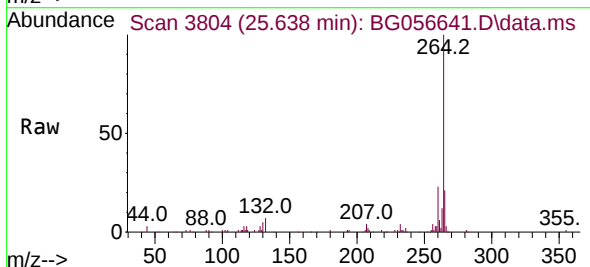
Manual Integrations
APPROVED

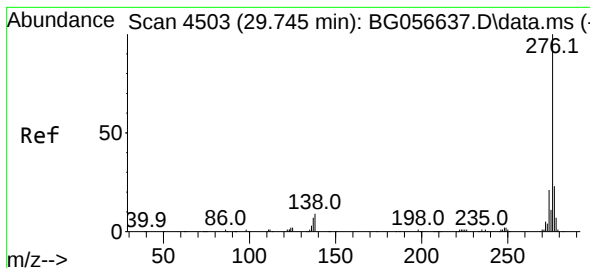
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.638 min Scan# 3804
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

Tgt Ion:264 Resp: 151892
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.304 ng

RT: 29.739 min Scan# 4502

Delta R.T. -0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

Tgt Ion:276 Resp: 491336

Ion Ratio Lower Upper

276 100

138 7.7 3.8 5.8

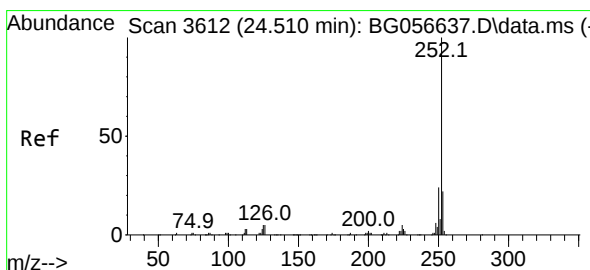
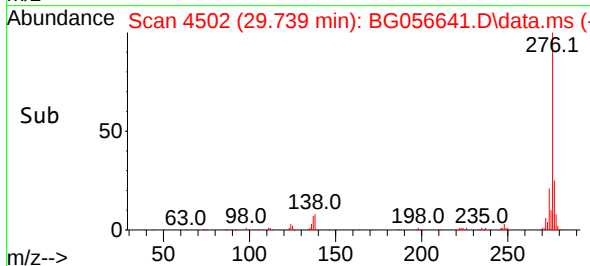
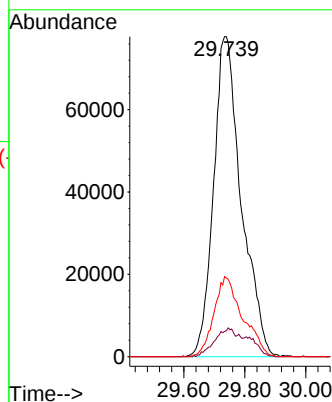
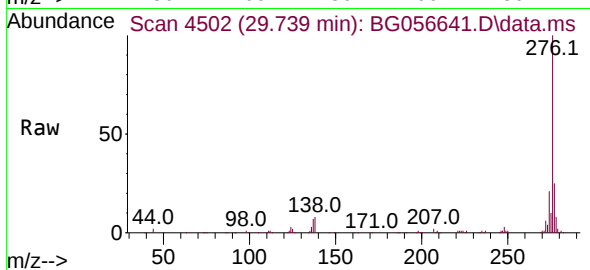
277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#88

Benzo(b)fluoranthene

Concen: 40.940 ng

RT: 24.504 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

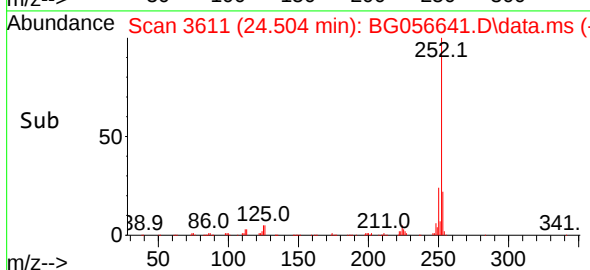
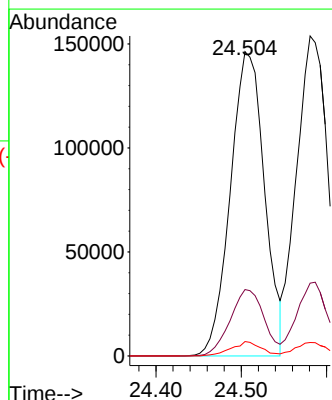
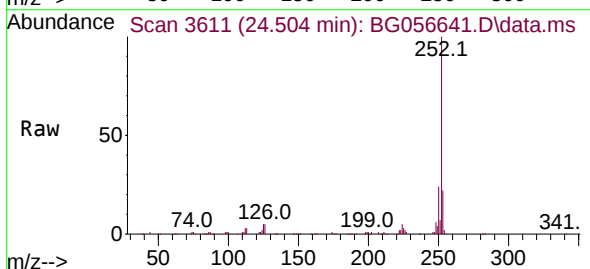
Tgt Ion:252 Resp: 406260

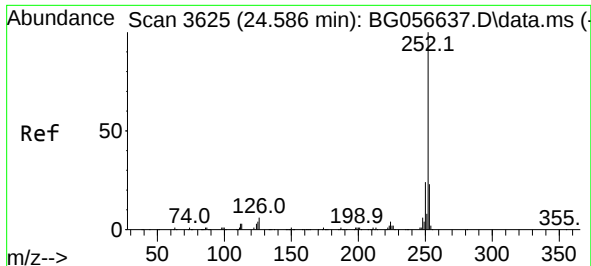
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 4.7 3.7 5.5





#89

Benzo(k)fluoranthene

Concen: 40.621 ng

RT: 24.581 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

Instrument :

BNA_G

ClientSampleId :

ICVBG021523

Tgt Ion:252 Resp: 396396

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

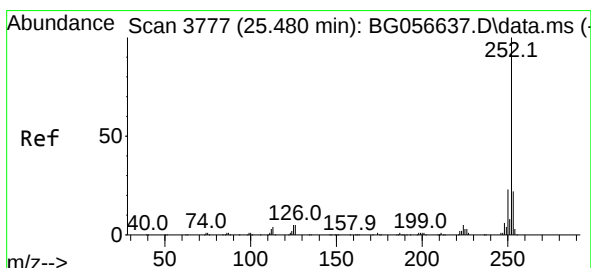
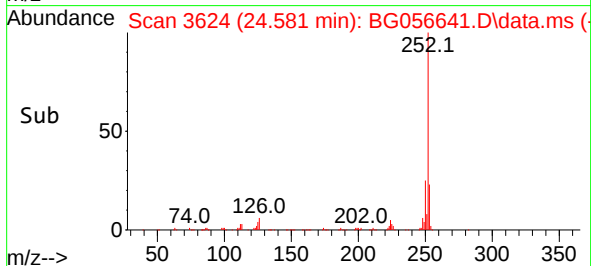
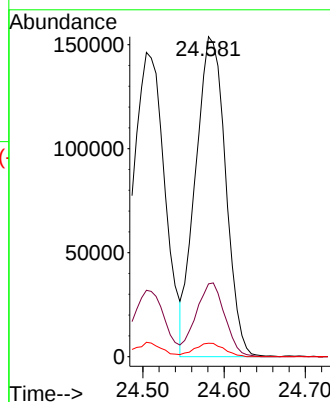
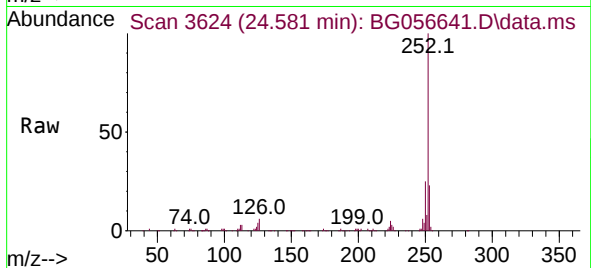
125 4.2 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#90

Benzo(a)pyrene

Concen: 41.319 ng

RT: 25.474 min Scan# 3776

Delta R.T. -0.006 min

Lab File: BG056641.D

Acq: 15 Feb 2023 19:55

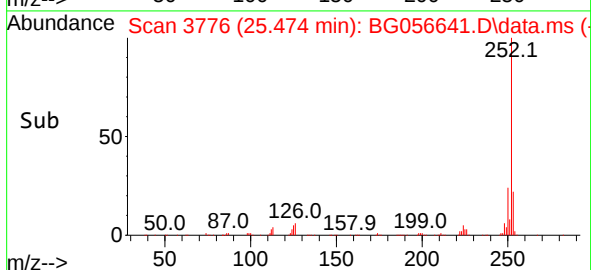
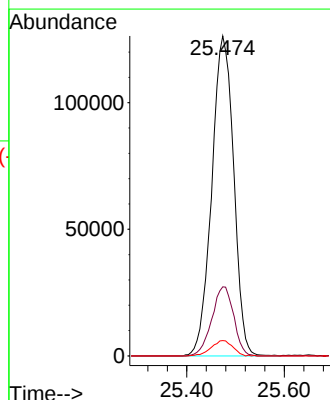
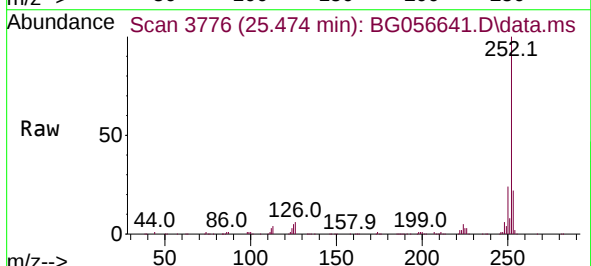
Tgt Ion:252 Resp: 394118

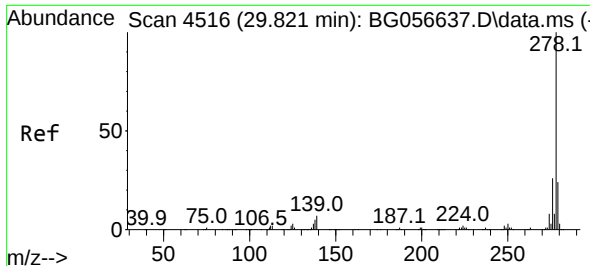
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

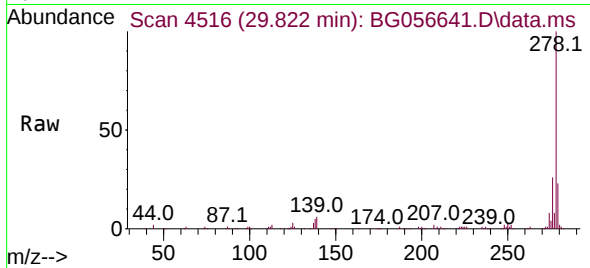
125 4.8 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 41.578 ng
RT: 29.822 min Scan# 4516
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55

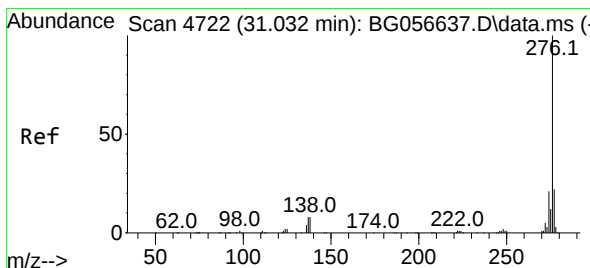
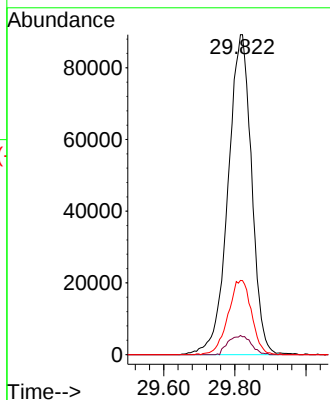
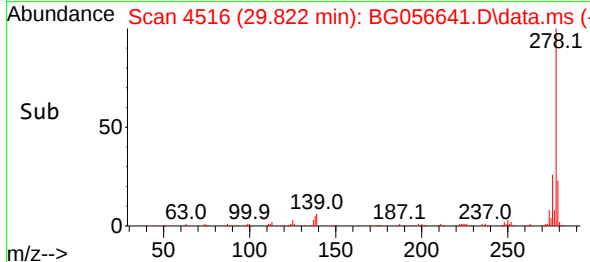
Instrument :
BNA_G
ClientSampleId :
ICVBG021523



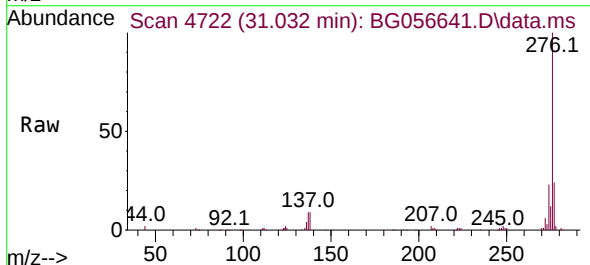
Tgt Ion:278 Resp: 409639
Ion Ratio Lower Upper
278 100
139 5.6 5.8 8.8
279 23.1 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#92
Benzo(g,h,i)perylene
Concen: 41.462 ng
RT: 31.032 min Scan# 4722
Delta R.T. 0.000 min
Lab File: BG056641.D
Acq: 15 Feb 2023 19:55



Tgt Ion:276 Resp: 399150
Ion Ratio Lower Upper
276 100
277 24.3 17.5 26.3
138 8.8 6.4 9.6

