

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056644.D
 Acq On : 15 Feb 2023 22:41
 Operator : CG/JU
 Sample : PB150774BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150774BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 01:55:57 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	8.437	152	13275	20.000	ng	0.00
21) Naphthalene-d8	11.275	136	57651	20.000	ng	0.00
39) Acenaphthene-d10	15.041	164	47098	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	120531	20.000	ng	0.00
76) Chrysene-d12	22.092	240	116270	20.000	ng	0.00
86) Perylene-d12	25.635	264	122491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.940	112	121300	148.673	ng	0.00
7) Phenol-d6	7.556	99	174919	145.139	ng	0.00
23) Nitrobenzene-d5	9.612	82	100543	89.295	ng	0.00
42) 2,4,6-Tribromophenol	16.516	330	91439	141.803	ng	0.00
45) 2-Fluorobiphenyl	13.672	172	282285	80.257	ng	0.00
79) Terphenyl-d14	20.347	244	617496	86.892	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.749	88	12104	33.839	ng	Qvalue
3) Pyridine	4.172	79	34733	30.698	ng	# 92
4) n-Nitrosodimethylamine	4.078	42	21636	41.025	ng	# 84
6) Aniline	7.744	93	56881	33.960	ng	99
8) 2-Chlorophenol	7.991	128	39173	48.527	ng	96
9) Benzaldehyde	7.556	77	17347	27.217	ng	98
10) Phenol	7.585	94	60413	49.004	ng	99
11) bis(2-Chloroethyl)ether	7.832	93	39229	42.410	ng	99
12) 1,3-Dichlorobenzene	8.326	146	40991	42.620	ng	95
13) 1,4-Dichlorobenzene	8.472	146	41769	43.123	ng	96
14) 1,2-Dichlorobenzene	8.796	146	41192	44.244	ng	93
15) Benzyl Alcohol	8.660	79	49817	46.164	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.960	45	54020	43.499	ng	98
17) 2-Methylphenol	8.860	107	38509	44.449	ng	98
18) Hexachloroethane	9.542	117	14562	47.460	ng	95
19) n-Nitroso-di-n-propyla...	9.236	70	39593	43.883	ng	98
20) 3+4-Methylphenols	9.183	107	53192	44.695	ng	93
22) Acetophenone	9.260	105	70032	39.757	ng	# 97
24) Nitrobenzene	9.653	77	52736	40.647	ng	95
25) Isophorone	10.176	82	108592	39.628	ng	98
26) 2-Nitrophenol	10.370	139	20794	44.851	ng	92
27) 2,4-Dimethylphenol	10.411	122	46673	44.054	ng	98
28) bis(2-Chloroethoxy)met...	10.652	93	57023	40.832	ng	97
29) 2,4-Dichlorophenol	10.905	162	48076	45.785	ng	100
30) 1,2,4-Trichlorobenzene	11.134	180	51848	41.451	ng	98
31) Naphthalene	11.328	128	127500	39.904	ng	100
32) Benzoic acid	10.523	122	29882	43.761	ng	97
33) 4-Chloroaniline	11.416	127	36137	24.755	ng	97
34) Hexachlorobutadiene	11.604	225	36152	40.444	ng	96
35) Caprolactam	12.174	113	15883m	47.029	ng	
36) 4-Chloro-3-methylphenol	12.497	107	53552	46.247	ng	99
37) 2-Methylnaphthalene	12.897	142	97916	38.812	ng	99
38) 1-Methylnaphthalene	13.114	142	92254	39.189	ng	98
40) 1,2,4,5-Tetrachloroben...	13.255	216	69655	39.784	ng	99
41) Hexachlorocyclopentadiene	13.237	237	85314	89.839	ng	99
43) 2,4,6-Trichlorophenol	13.478	196	48332	45.498	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.549	196	53201	41.786	ng	99
46) 1,1'-Biphenyl	13.884	154	144451	40.488	ng	99
47) 2-Chloronaphthalene	13.931	162	113235	40.107	ng	96
48) 2-Nitroaniline	14.119	65	33203	41.205	ng	91
49) Acenaphthylene	14.771	152	182444	39.770	ng	100
50) Dimethylphthalate	14.477	163	161339	41.439	ng	99
51) 2,6-Dinitrotoluene	14.601	165	30200	40.282	ng	90
52) Acenaphthene	15.106	154	125613	44.391	ng	100
53) 3-Nitroaniline	14.930	138	24127	31.924	ng	98
54) 2,4-Dinitrophenol	15.129	184	40556	90.164	ng	# 61
55) Dibenzofuran	15.435	168	190209	39.788	ng	99
56) 4-Nitrophenol	15.206	139	53624	92.608	ng	85
57) 2,4-Dinitrotoluene	15.382	165	42816	45.091	ng	93
58) Fluorene	16.081	166	153284	40.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.646	232	52025m	46.624	ng	
60) Diethylphthalate	15.829	149	162332	41.333	ng	98
61) 4-Chlorophenyl-phenyle...	16.064	204	92069	39.871	ng	99
62) 4-Nitroaniline	16.087	138	32720	41.541	ng	92
63) Azobenzene	16.357	77	158079	40.217	ng	96
65) 4,6-Dinitro-2-methylph...	16.134	198	26204	42.100	ng	98
66) n-Nitrosodiphenylamine	16.275	169	141370	40.317	ng	99
67) 4-Bromophenyl-phenylether	16.957	248	63365	40.947	ng	95
68) Hexachlorobenzene	17.080	284	71029	45.051	ng	98
69) Atrazine	17.203	200	61451	45.640	ng	98
70) Pentachlorophenol	17.415	266	86263	82.618	ng	93
71) Phenanthrene	17.820	178	275096	41.951	ng	99
72) Anthracene	17.908	178	275875	41.115	ng	100
73) Carbazole	18.167	167	241519	41.755	ng	98
74) Di-n-butylphthalate	18.702	149	272508	42.099	ng	99
75) Fluoranthene	19.800	202	349077	40.344	ng	98
77) Benzidine	19.965	184	124630	44.816	ng	97
78) Pyrene	20.159	202	353195	40.223	ng	99
80) Butylbenzylphthalate	21.028	149	113168	42.918	ng	98
81) Benzo(a)anthracene	22.074	228	352573	40.776	ng	99
82) 3,3'-Dichlorobenzidine	21.968	252	98326	35.049	ng	98
83) Chrysene	22.145	228	322645	39.915	ng	99
84) Bis(2-ethylhexyl)phtha...	21.945	149	167165	42.307	ng	99
85) Di-n-octyl phthalate	23.273	149	284970	43.392	ng	99
87) Indeno(1,2,3-cd)pyrene	29.724	276	427404	44.553	ng	# 99
88) Benzo(b)fluoranthene	24.507	252	371379	46.408	ng	98
89) Benzo(k)fluoranthene	24.577	252	352944	44.850	ng	98
90) Benzo(a)pyrene	25.470	252	318643	41.424	ng	99
91) Dibenzo(a,h)anthracene	29.800	278	360706	45.399	ng	99
92) Benzo(g,h,i)perylene	31.017	276	347024	44.699	ng	97

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

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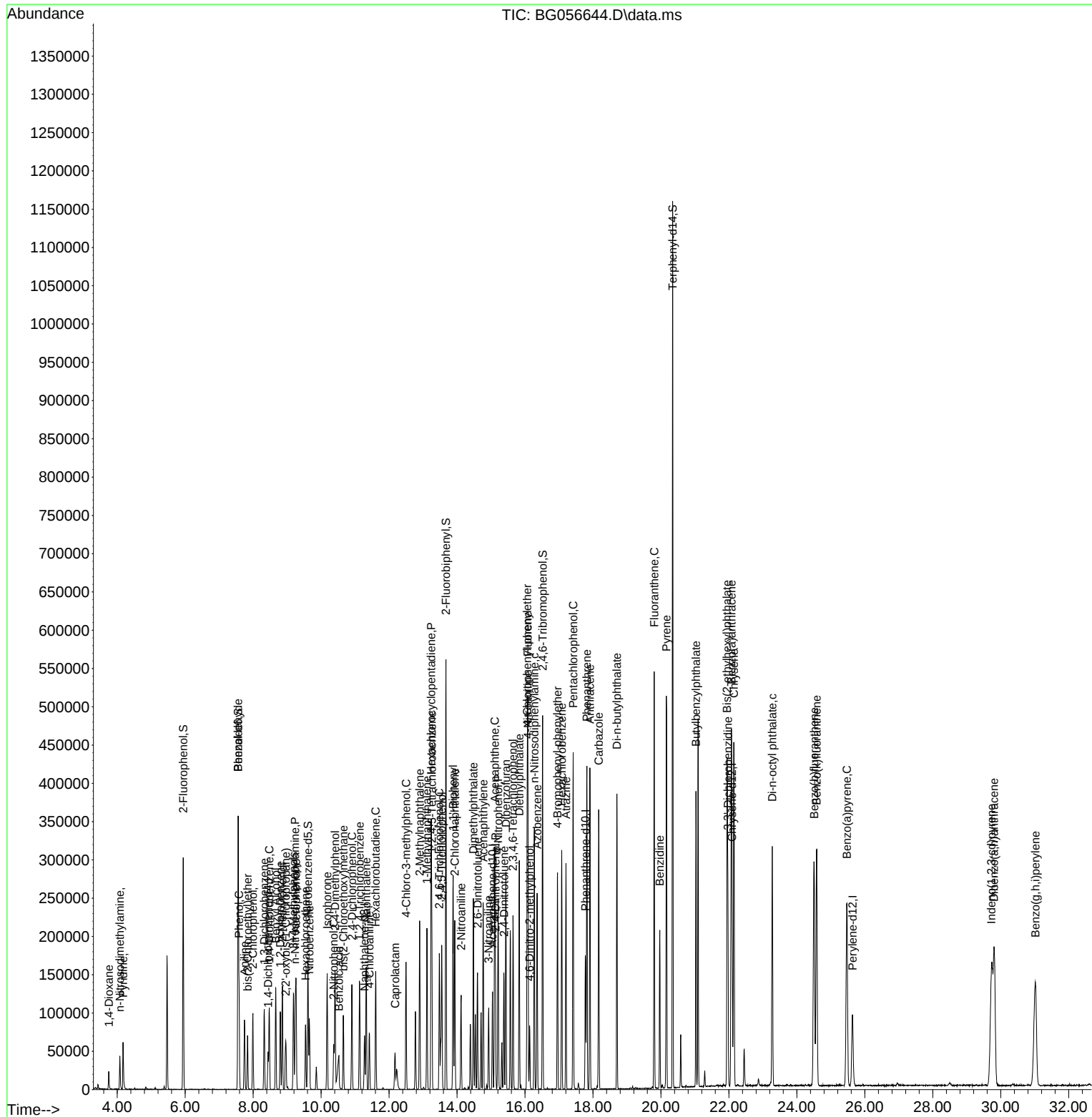
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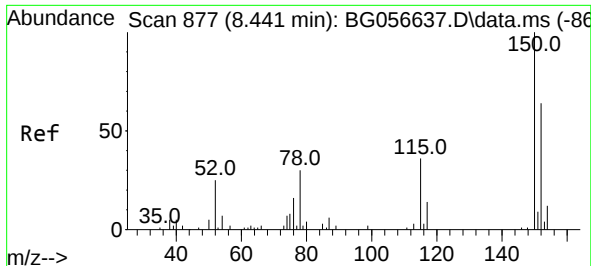
Manual Integrations

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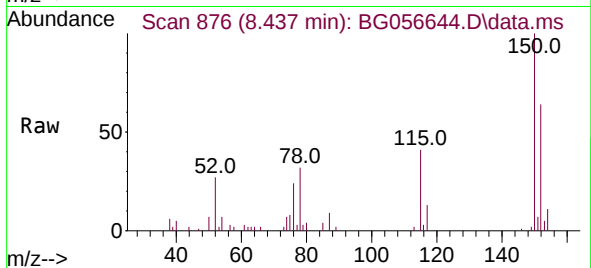
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.437 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

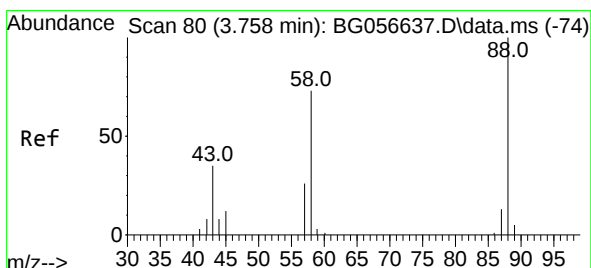
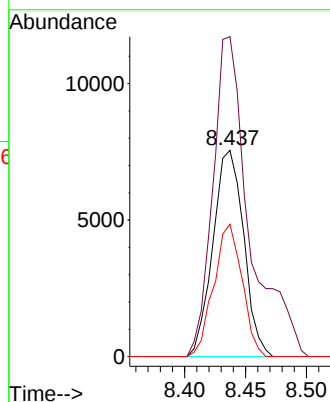
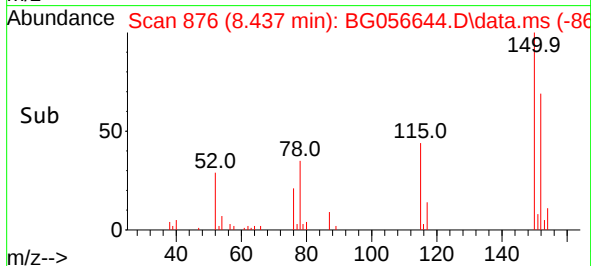
Instrument :
BNA_G
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Tgt Ion:152 Resp: 13275
Ion Ratio Lower Upper
152 100
150 155.0 124.8 187.2
115 64.1 44.7 67.1

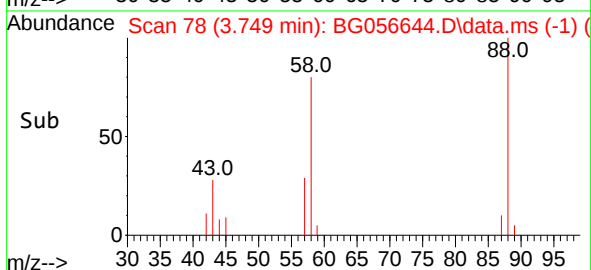
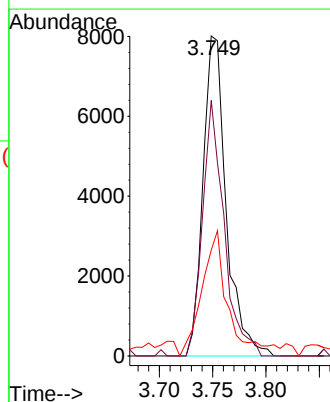
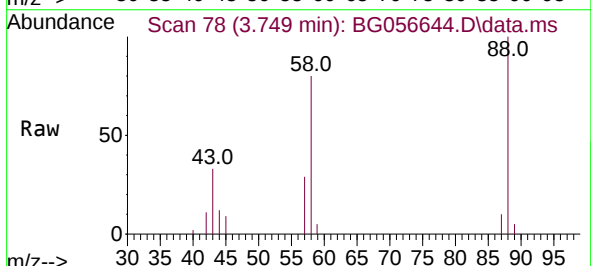
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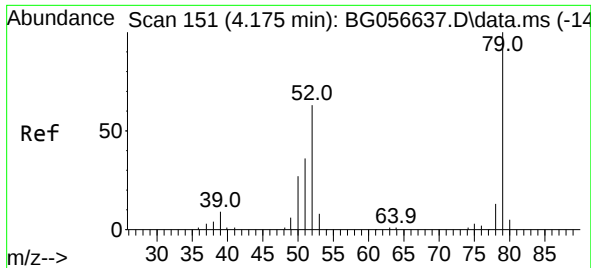
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#2
1,4-Dioxane
Concen: 33.839 ng
RT: 3.749 min Scan# 78
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion: 88 Resp: 12104
Ion Ratio Lower Upper
88 100
58 74.3 62.2 93.2
43 43.0 26.6 40.0





#3
Pyridine
Concen: 30.698 ng
RT: 4.172 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

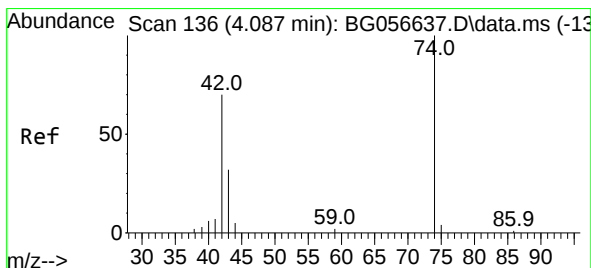
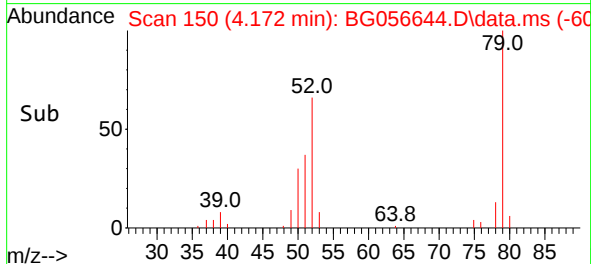
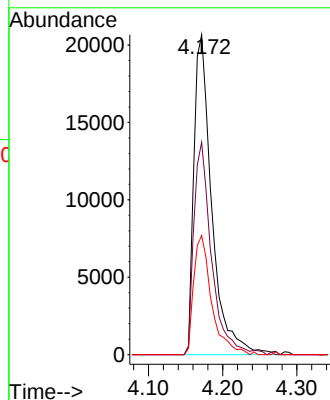
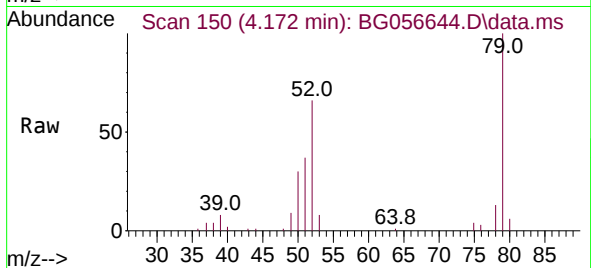
ClientSampleId :

PB150774BS

Tgt Ion: 79 Resp: 34733
Ion Ratio Lower Upper
79 100
52 66.4 50.8 76.2
51 37.2 29.1 43.7

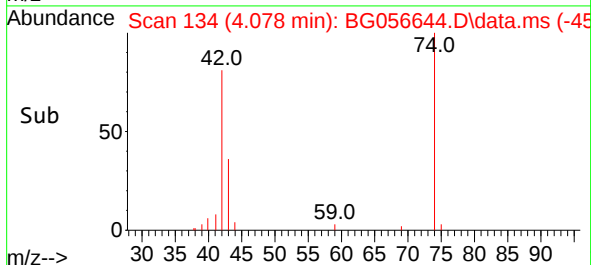
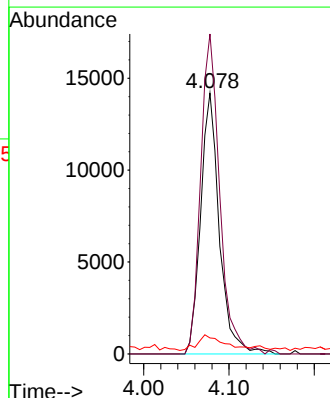
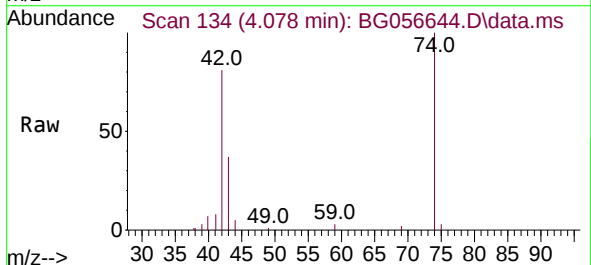
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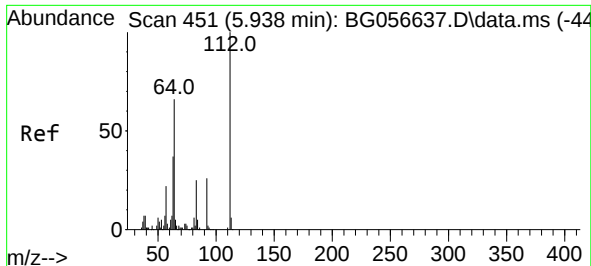
Reviewed By :Christian Giraldo 02/16/2023
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#4
n-Nitrosodimethylamine
Concen: 41.025 ng
RT: 4.078 min Scan# 134
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

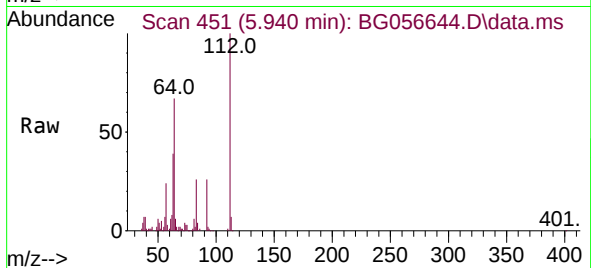
Tgt Ion: 42 Resp: 21636
Ion Ratio Lower Upper
42 100
74 122.7 114.5 171.7
44 6.1 7.2 10.8#





#5
2-Fluorophenol
Concen: 148.673 ng
RT: 5.940 min Scan# 451
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

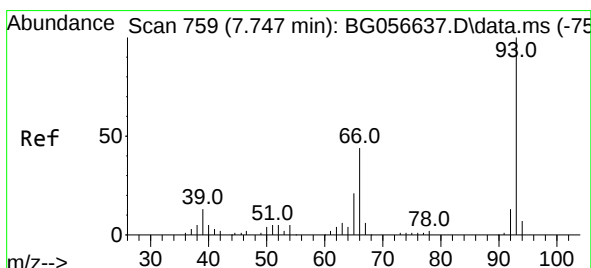
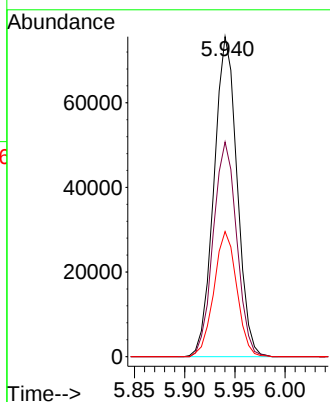
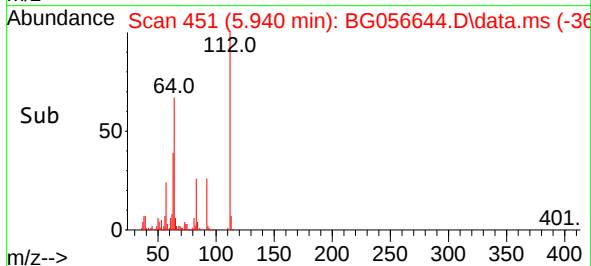
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Tgt Ion:112 Resp: 121300
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 39.1 29.8 44.6

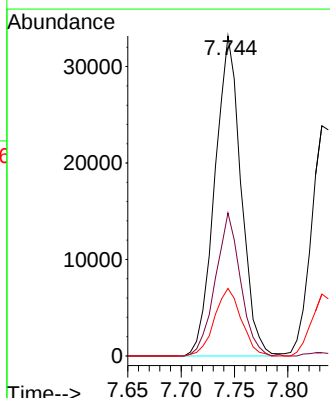
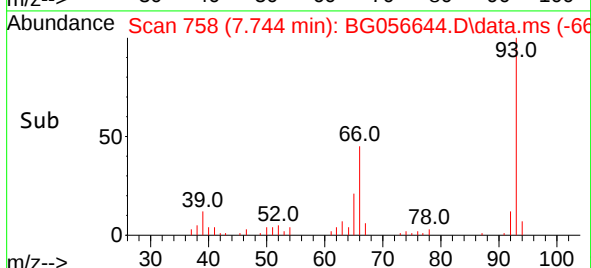
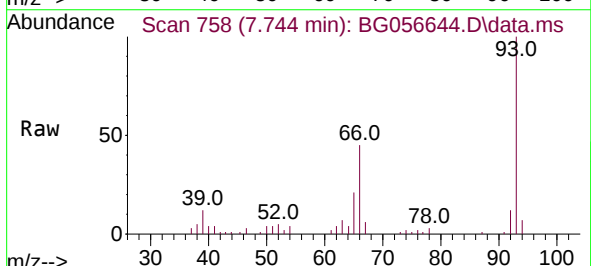
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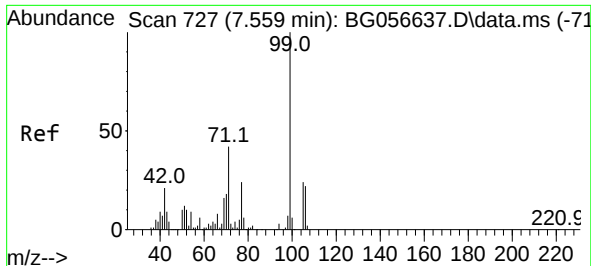
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#6
Aniline
Concen: 33.960 ng
RT: 7.744 min Scan# 758
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

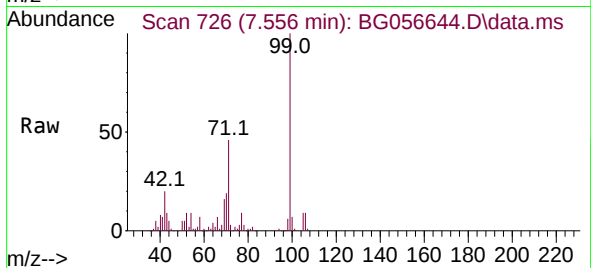
Tgt Ion: 93 Resp: 56881
Ion Ratio Lower Upper
93 100
66 44.7 35.0 52.4
65 21.1 16.5 24.7





#7
Phenol-d6
Concen: 145.139 ng
RT: 7.556 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

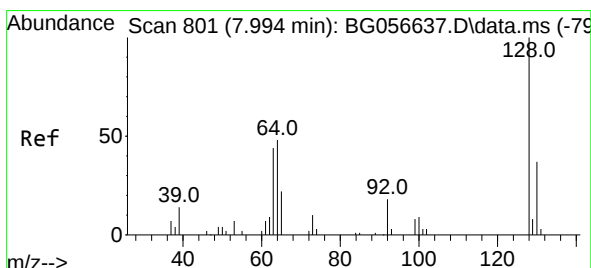
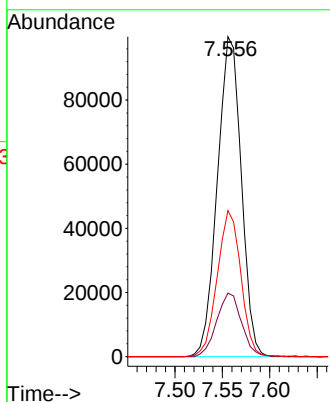
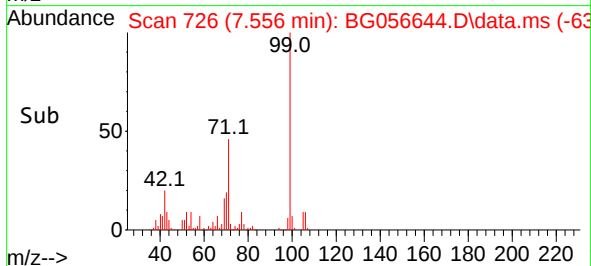
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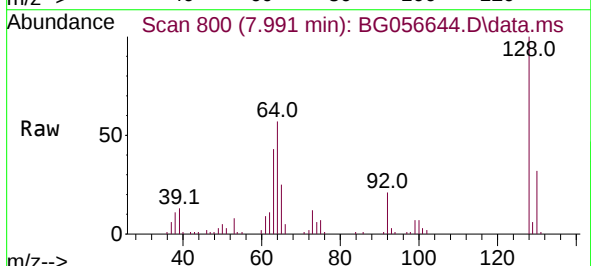
Tgt Ion: 99 Resp: 174919
Ion Ratio Lower Upper
99 100
42 19.8 16.8 25.2
71 45.6 33.9 50.9

Manual Integrations
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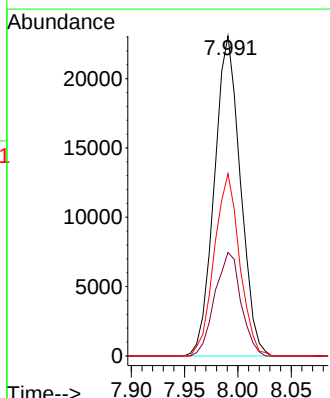
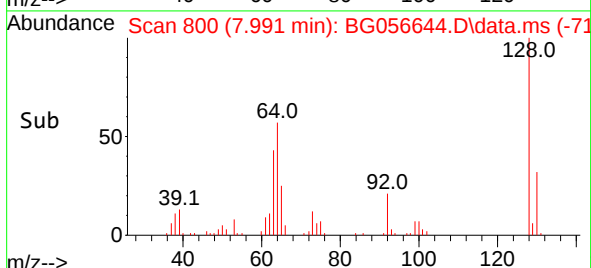
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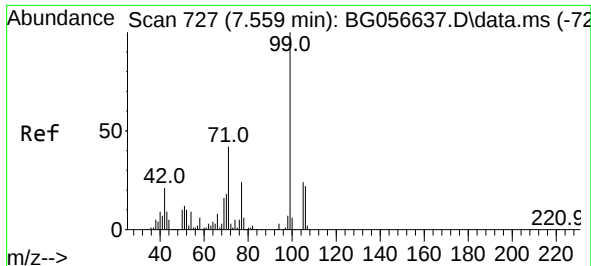


#8
2-Chlorophenol
Concen: 48.527 ng
RT: 7.991 min Scan# 800
Delta R.T. -0.003 min
Lab File: BG056644.D
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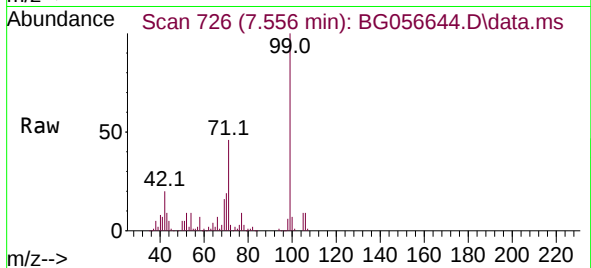
Tgt Ion:128 Resp: 39173
Ion Ratio Lower Upper
128 100
130 32.3 16.8 56.8
64 56.9 36.3 76.3





#9
Benzaldehyde
Concen: 27.217 ng
RT: 7.556 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056644.D
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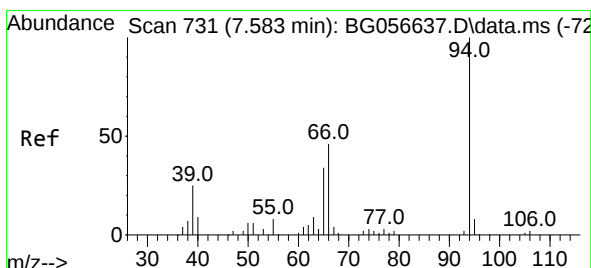
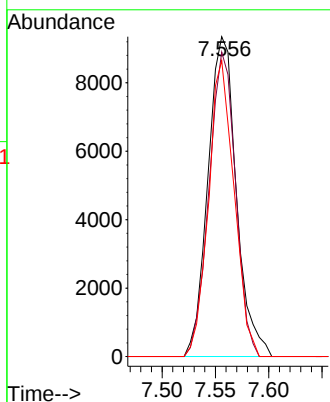
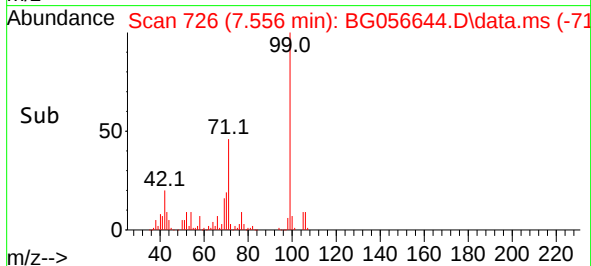
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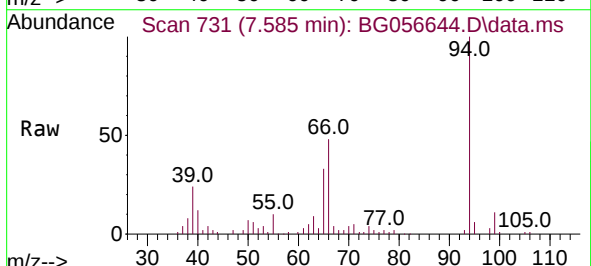
Tgt Ion: 77 Resp: 1734
Ion Ratio Lower Upper
77 100
105 95.2 78.4 118.4
106 92.5 71.3 111.3

Manual Integrations
APPROVED

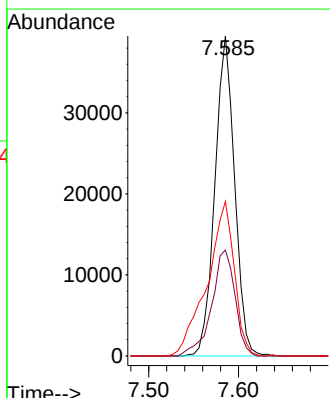
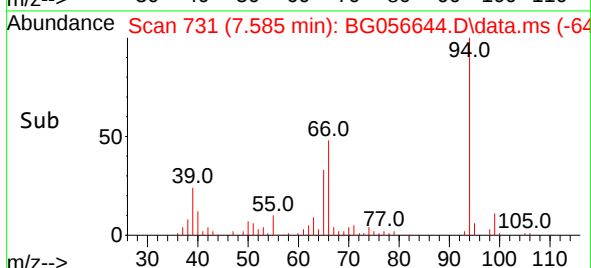
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

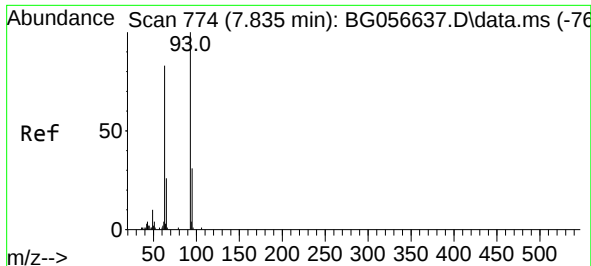


#10
Phenol
Concen: 49.004 ng
RT: 7.585 min Scan# 731
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



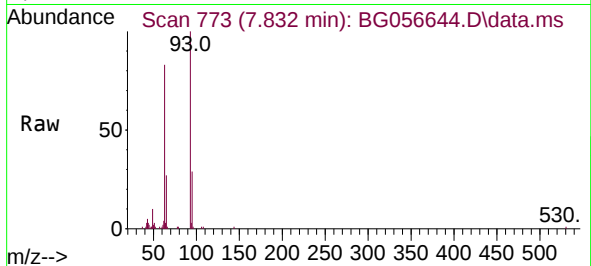
Tgt Ion: 94 Resp: 60413
Ion Ratio Lower Upper
94 100
65 33.1 14.2 54.2
66 48.3 27.9 67.9





#11
bis(2-Chloroethyl)ether
Concen: 42.410 ng
RT: 7.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

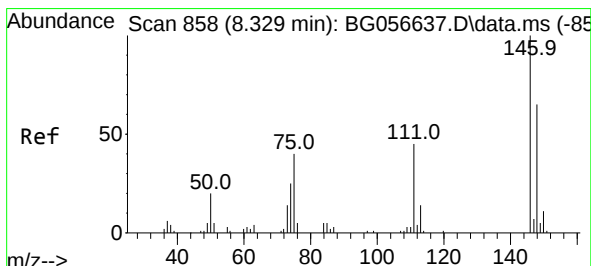
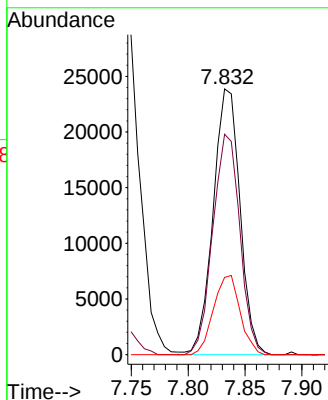
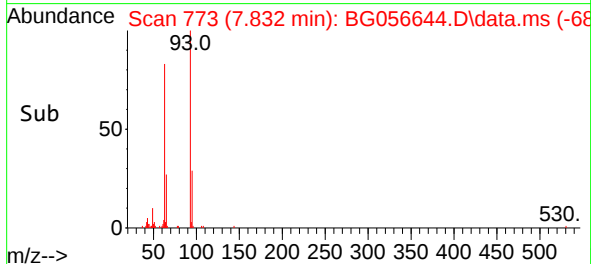
Instrument :
BNA_G
ClientSampleId :
PB150774BS



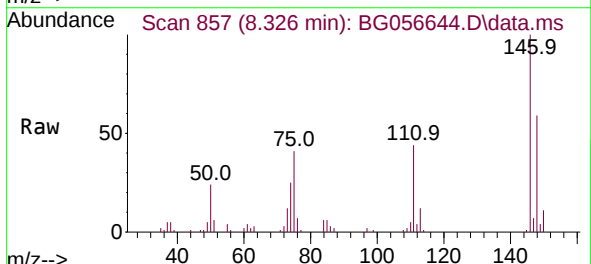
Tgt Ion: 93 Resp: 39229
Ion Ratio Lower Upper
93 100
63 82.9 62.8 102.8
95 29.0 10.8 50.8

Manual Integrations
APPROVED

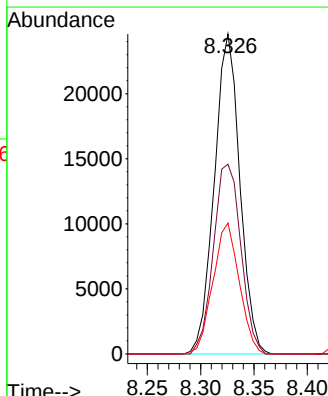
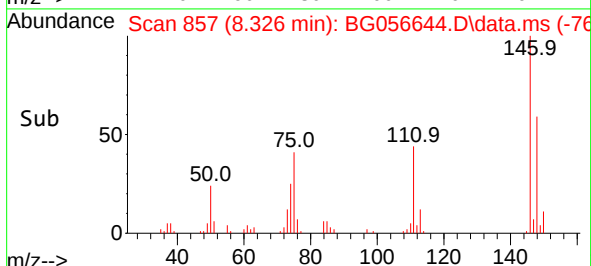
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

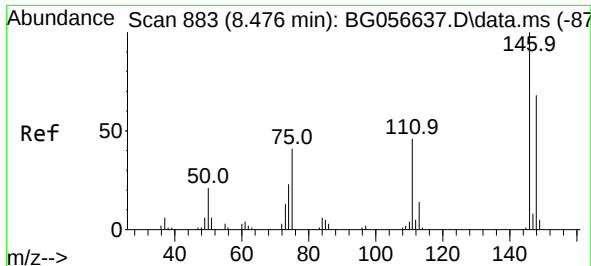


#12
1,3-Dichlorobenzene
Concen: 42.620 ng
RT: 8.326 min Scan# 857
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:146 Resp: 40991
Ion Ratio Lower Upper
146 100
148 59.3 51.9 77.9
75 40.9 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 43.123 ng

RT: 8.472 min Scan# 883

Delta R.T. -0.003 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

Tgt Ion:146 Resp: 41769

Ion Ratio Lower Upper

146 100

148 65.0 54.5 81.7

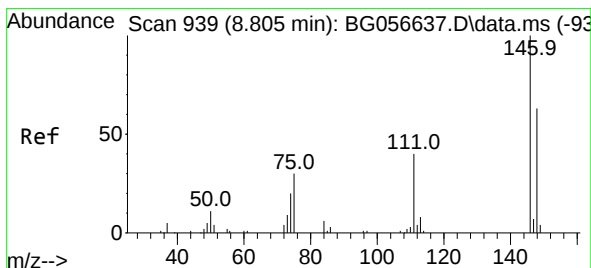
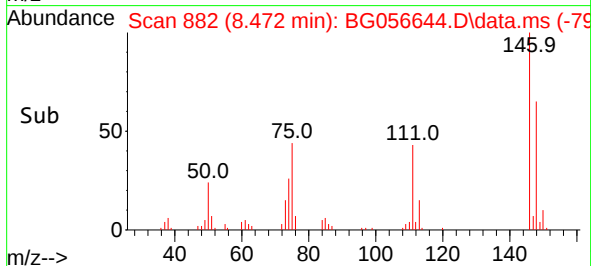
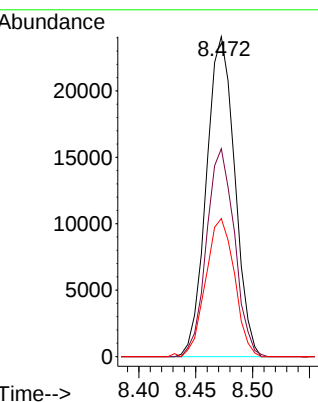
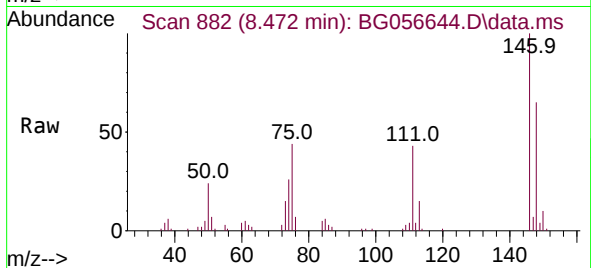
111 43.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#14

1,2-Dichlorobenzene

Concen: 44.244 ng

RT: 8.796 min Scan# 937

Delta R.T. -0.009 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

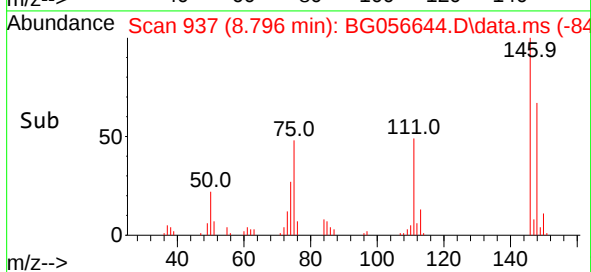
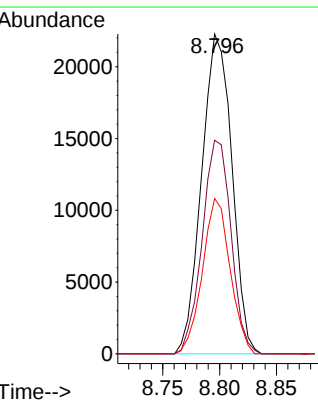
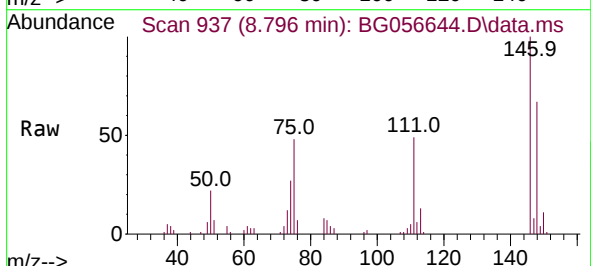
Tgt Ion:146 Resp: 41192

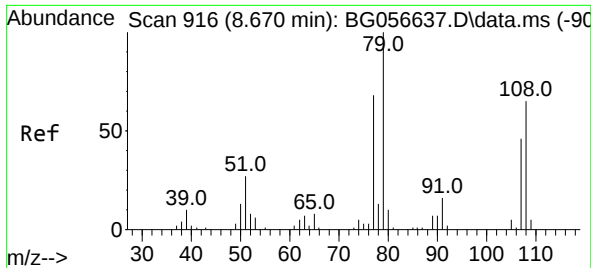
Ion Ratio Lower Upper

146 100

148 66.8 50.7 76.1

111 48.6 33.8 50.6





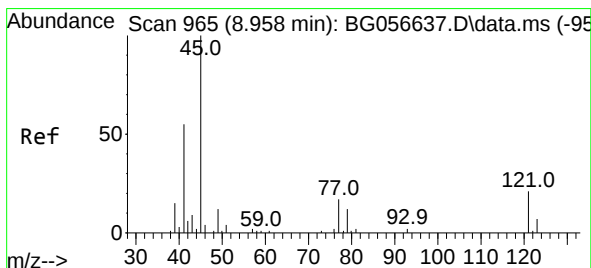
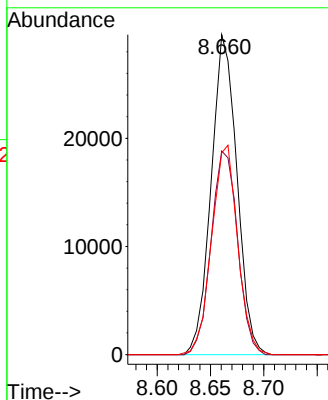
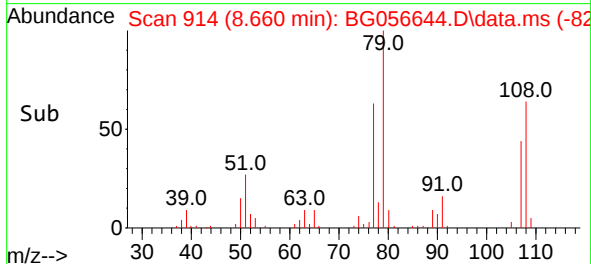
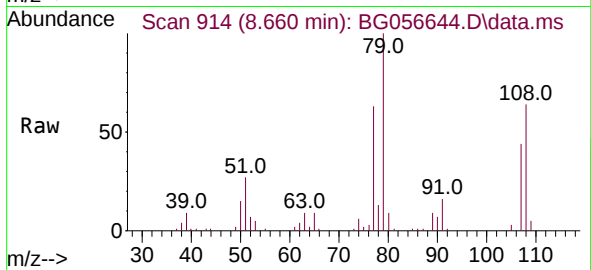
#15
Benzyl Alcohol
Concen: 46.164 ng
RT: 8.660 min Scan# 916
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion: 79 Resp: 49817
Ion Ratio Lower Upper
79 100
108 63.6 52.0 78.0
77 63.0 54.2 81.2

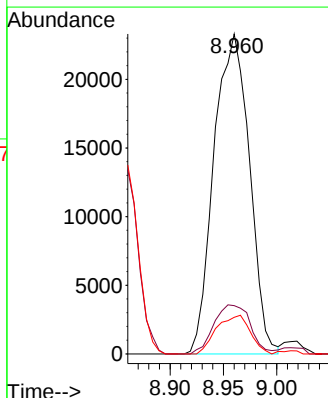
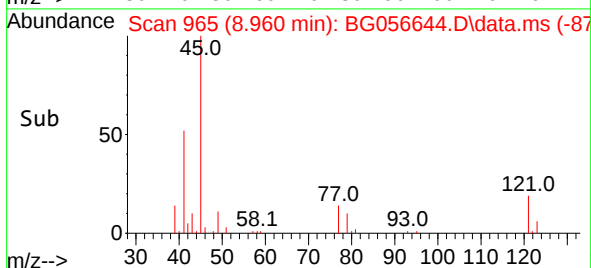
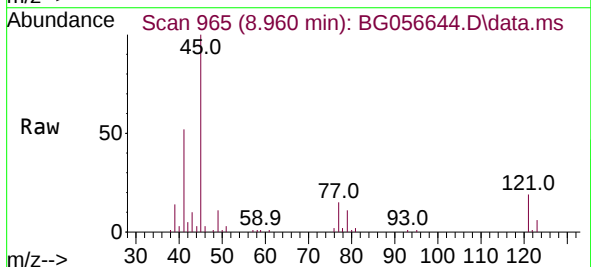
Manual Integrations
APPROVED

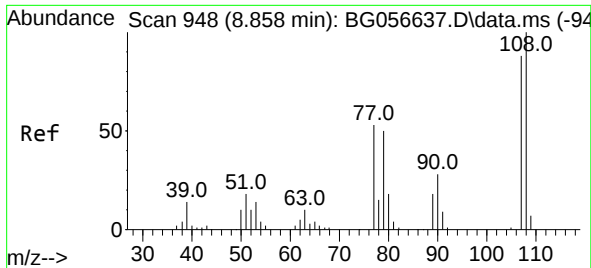
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.499 ng
RT: 8.960 min Scan# 965
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

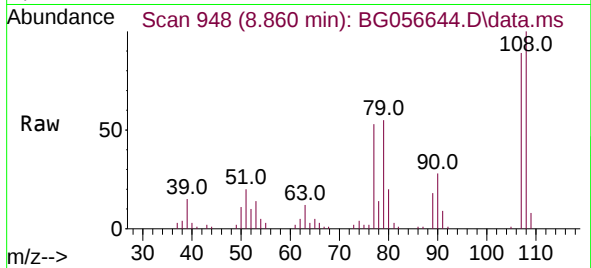
Tgt Ion: 45 Resp: 54020
Ion Ratio Lower Upper
45 100
77 15.1 0.0 36.5
79 11.4 0.0 31.6





#17
2-Methylphenol
Concen: 44.449 ng
RT: 8.860 min Scan# 94
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

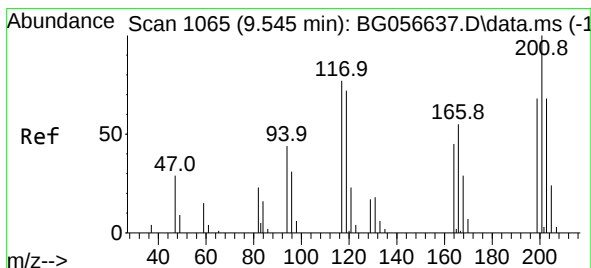
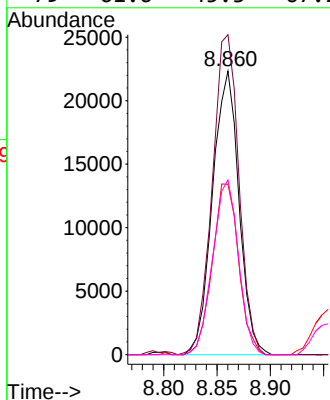
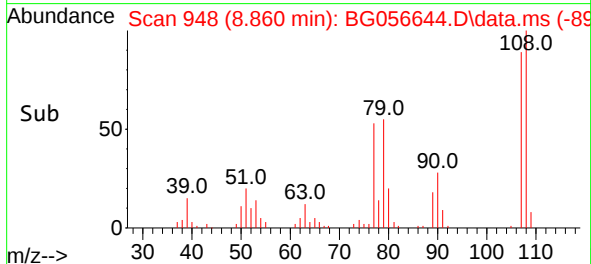
Instrument :
BNA_G
ClientSampleId :
PB150774BS



Tgt Ion:	107	Resp:	38509
Ion Ratio	Lower	Upper	
107	100		
108	112.9	91.3	136.9
77	60.1	48.5	72.7
79	61.6	45.3	67.9

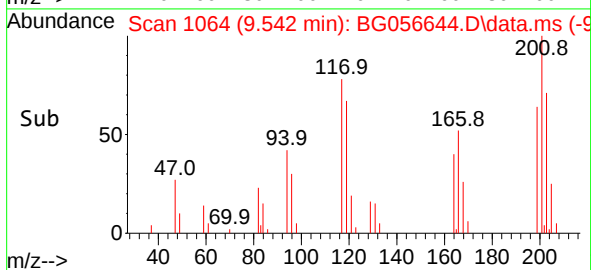
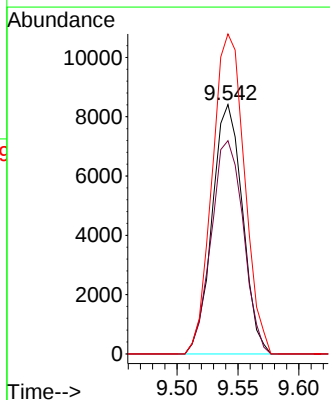
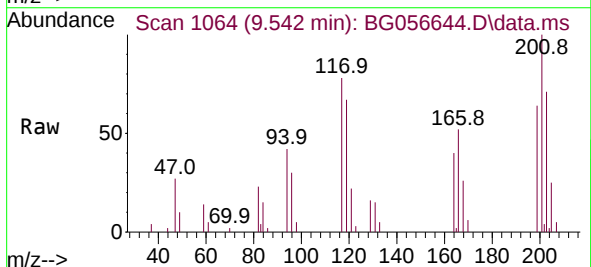
Manual Integrations
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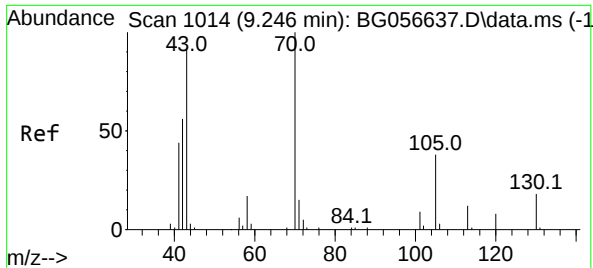
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#18
Hexachloroethane
Concen: 47.460 ng
RT: 9.542 min Scan# 1064
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:	117	Resp:	14562
Ion Ratio	Lower	Upper	
117	100		
119	85.5	74.1	111.1
201	128.3	106.4	159.6





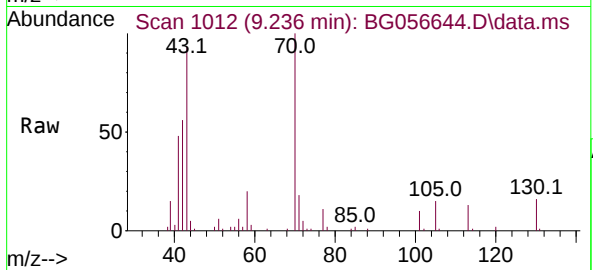
#19
n-Nitroso-di-n-propylamine
Concen: 43.883 ng
RT: 9.236 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

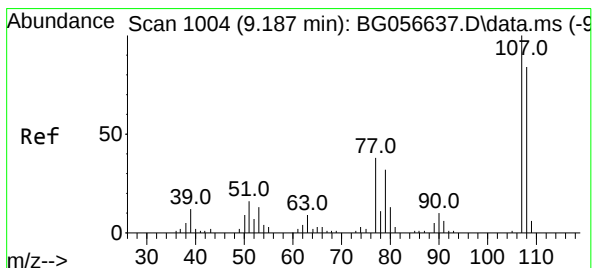
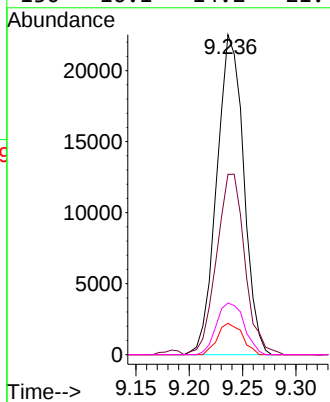
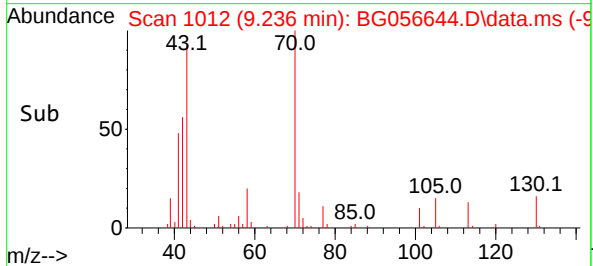


Tgt Ion: 70 Resp: 39593
Ion Ratio Lower Upper
70 100
42 56.3 45.7 68.5
101 9.8 7.4 11.0
130 16.1 14.2 21.4

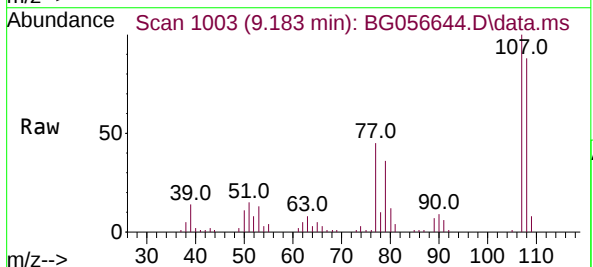
Manual Integrations

APPROVED

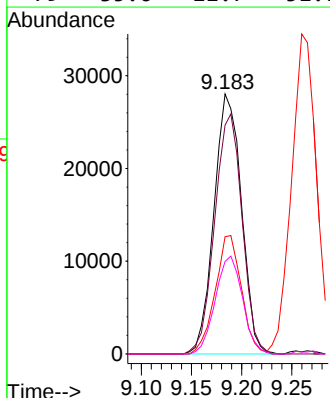
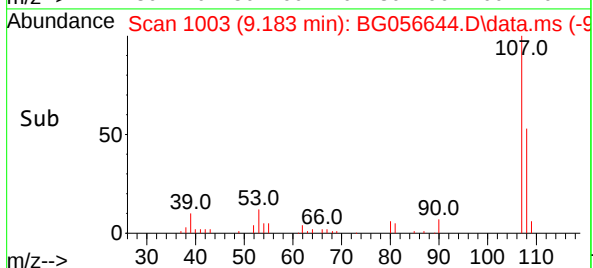
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

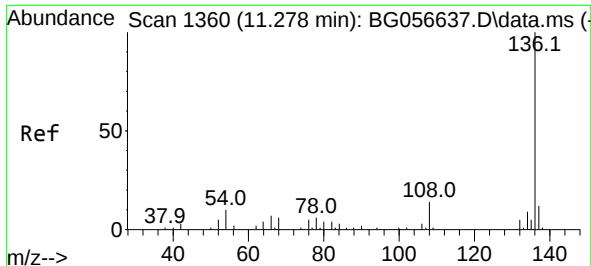


#20
3+4-Methylphenols
Concen: 44.695 ng
RT: 9.183 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:107 Resp: 53192
Ion Ratio Lower Upper
107 100
108 88.0 64.3 104.3
77 45.1 17.8 57.8
79 35.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.275 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

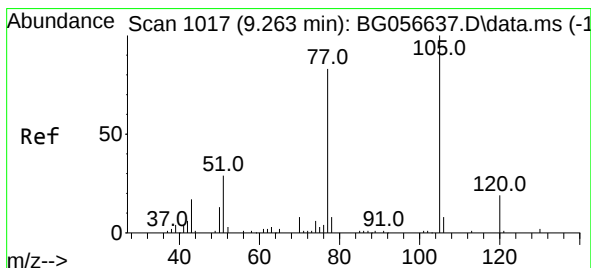
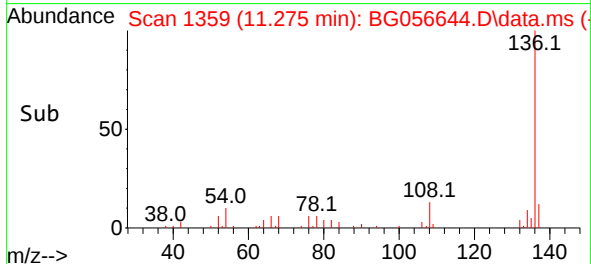
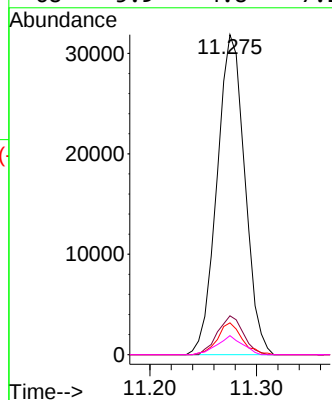
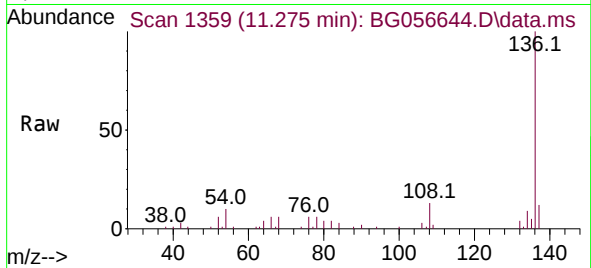
PB150774BS

Tgt Ion:136 Resp: 5765
Ion Ratio Lower Upper
136 100
137 12.1 9.7 14.5
54 9.9 7.7 11.5
68 5.9 4.8 7.2

Manual Integrations

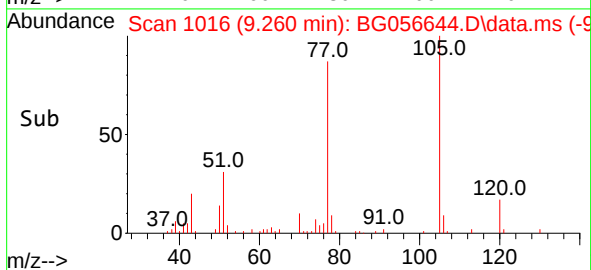
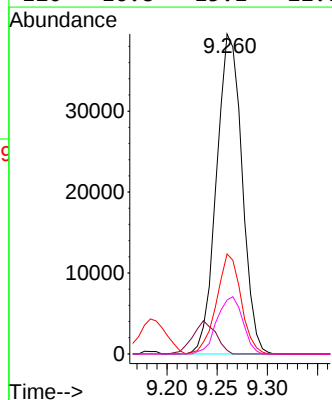
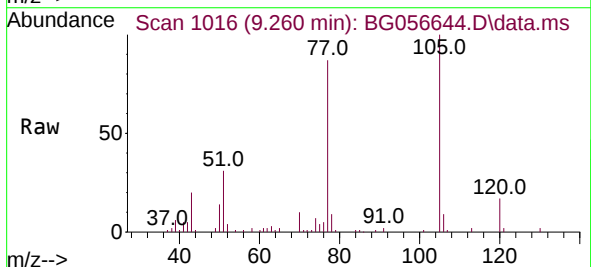
APPROVED

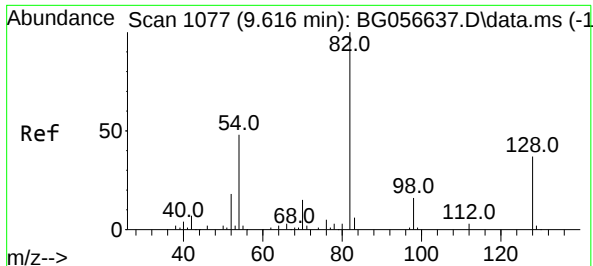
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#22
Acetophenone
Concen: 39.757 ng
RT: 9.260 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:105 Resp: 70032
Ion Ratio Lower Upper
105 100
71 1.1 1.4 2.0#
51 31.2 23.9 35.9
120 16.8 15.1 22.7





#23

Nitrobenzene-d5

Concen: 89.295 ng

RT: 9.612 min Scan# 1076

Delta R.T. -0.004 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

Tgt Ion: 82 Resp: 100543

Ion Ratio Lower Upper

82 100

128 37.6 29.4 44.2

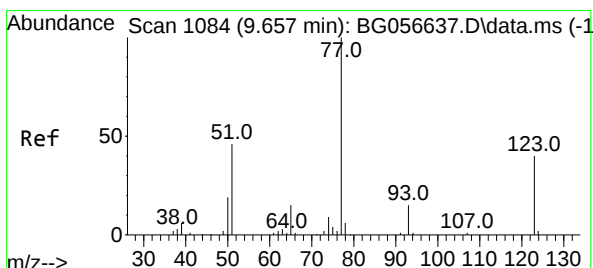
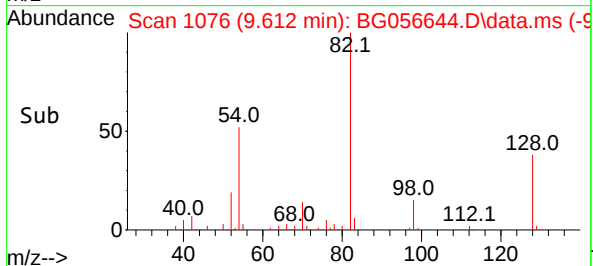
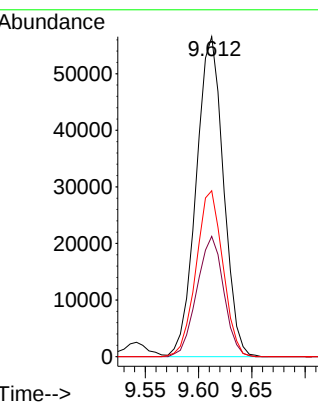
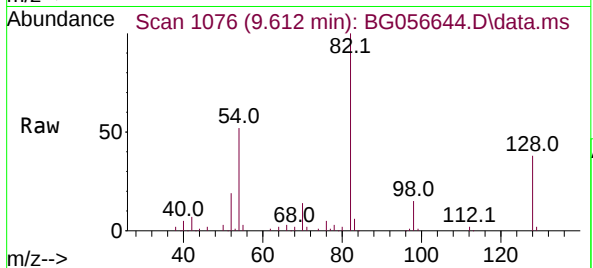
54 51.8 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#24

Nitrobenzene

Concen: 40.647 ng

RT: 9.653 min Scan# 1083

Delta R.T. -0.004 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

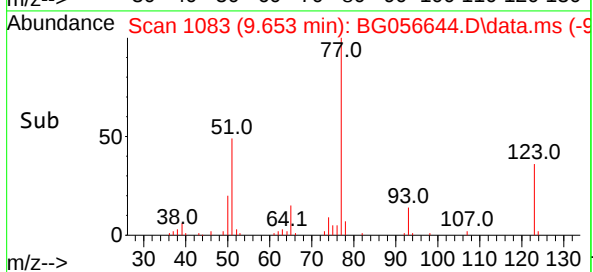
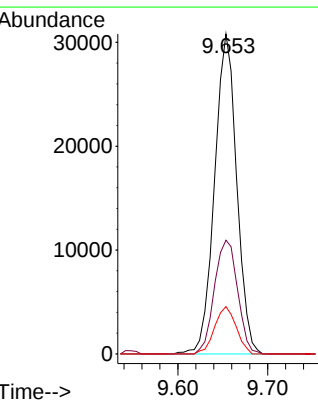
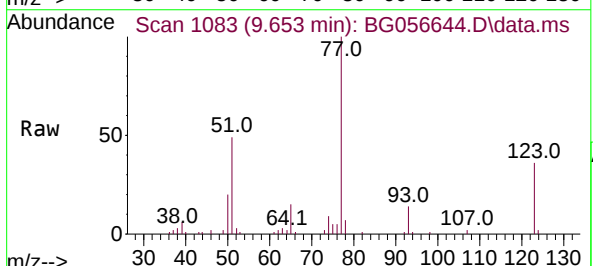
Tgt Ion: 77 Resp: 52736

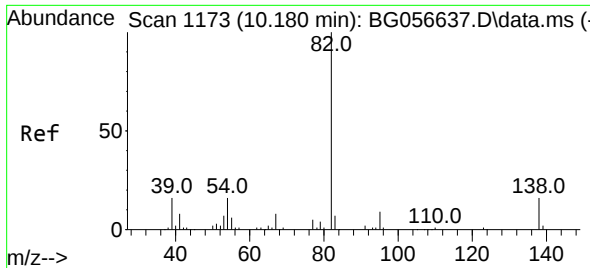
Ion Ratio Lower Upper

77 100

123 35.5 31.8 47.8

65 14.8 12.0 18.0





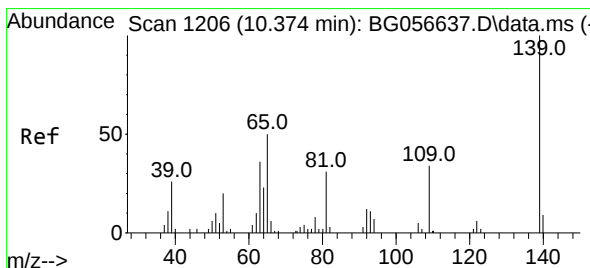
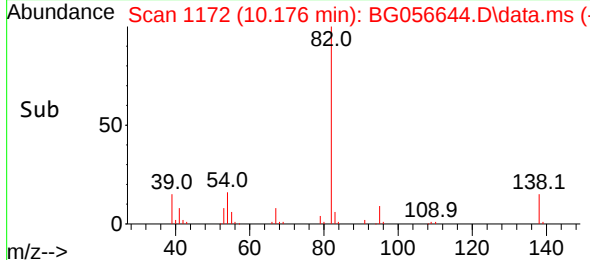
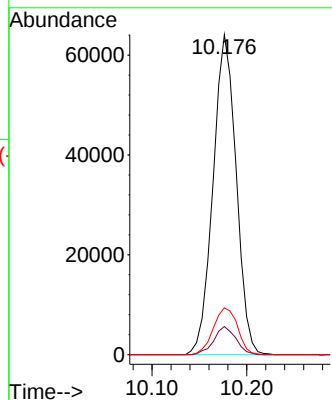
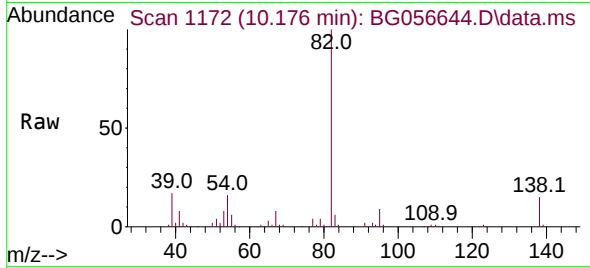
#25
Isophorone
Concen: 39.628 ng
RT: 10.176 min Scan# 1173
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion: 82 Resp: 108592
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 14.6 12.9 19.3

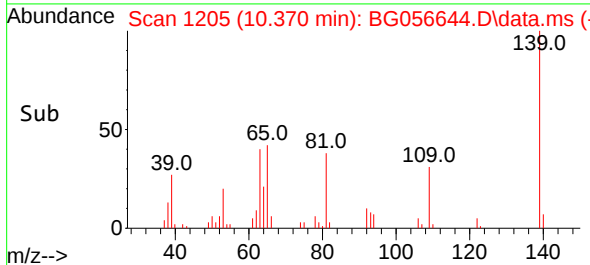
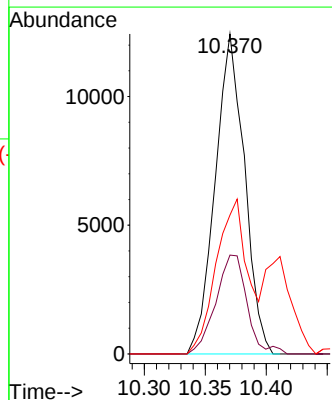
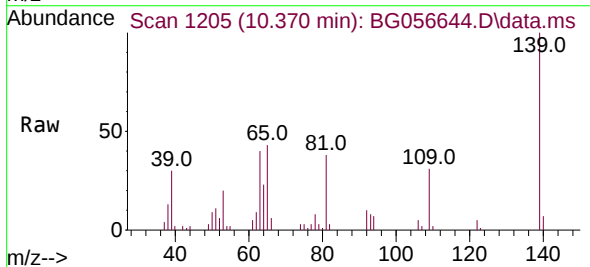
Manual Integrations
APPROVED

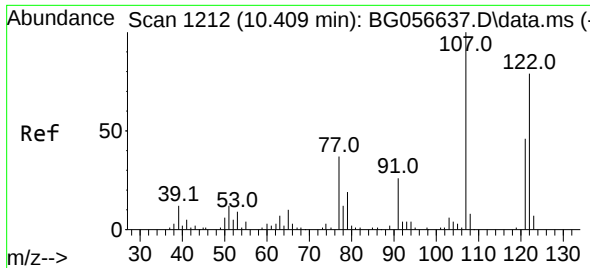
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#26
2-Nitrophenol
Concen: 44.851 ng
RT: 10.370 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:139 Resp: 20794
Ion Ratio Lower Upper
139 100
109 30.9 27.0 40.6
65 43.4 40.0 60.0





#27
2,4-Dimethylphenol
Concen: 44.054 ng
RT: 10.411 min Scan# 1212
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

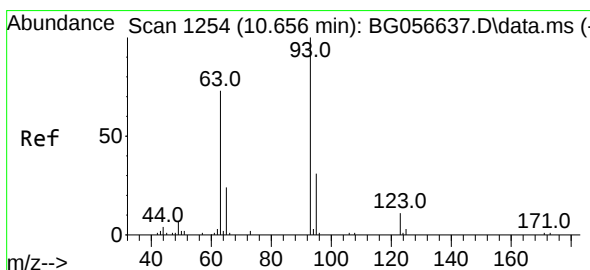
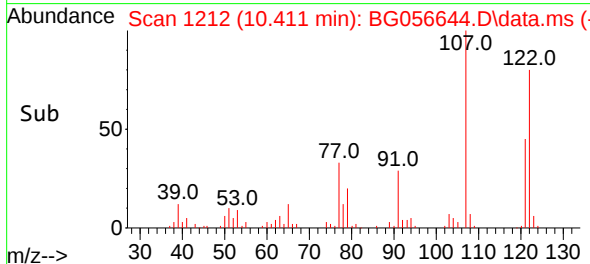
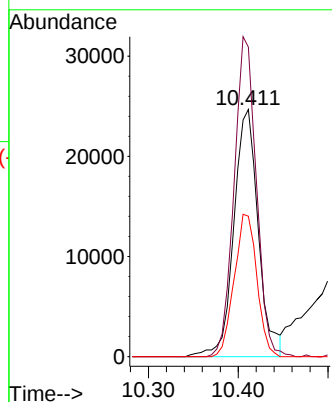
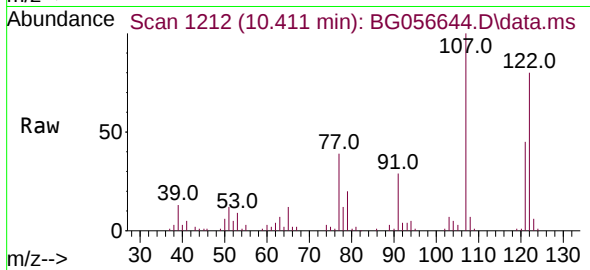
PB150774BS

Tgt Ion:122 Resp: 46673
Ion Ratio Lower Upper
122 100
107 125.2 101.6 152.4
121 56.8 47.2 70.8

Manual Integrations

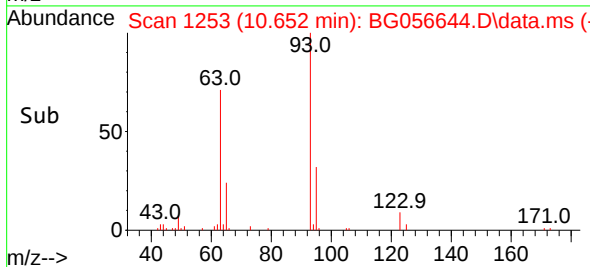
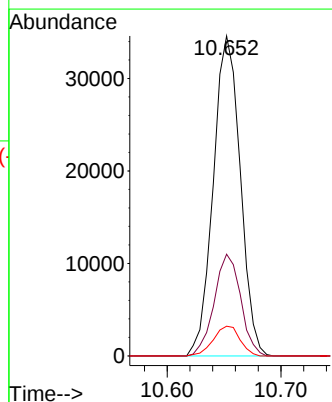
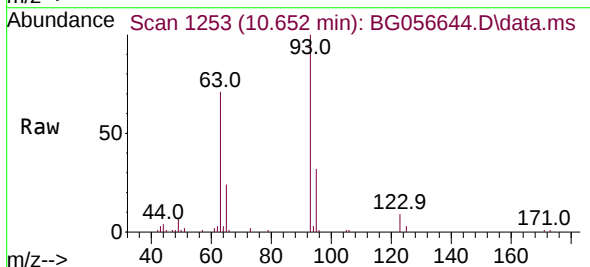
APPROVED

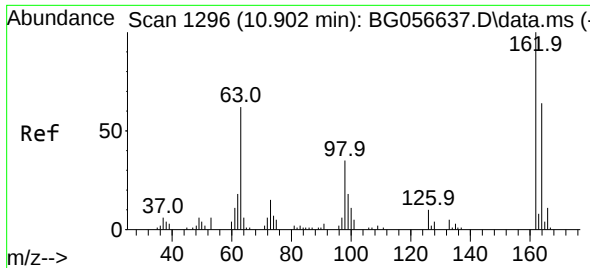
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.832 ng
RT: 10.652 min Scan# 1253
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

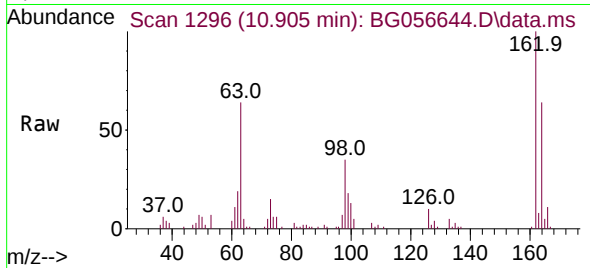
Tgt Ion: 93 Resp: 57023
Ion Ratio Lower Upper
93 100
95 31.8 24.5 36.7
123 9.3 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 45.785 ng
RT: 10.905 min Scan# 1296
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

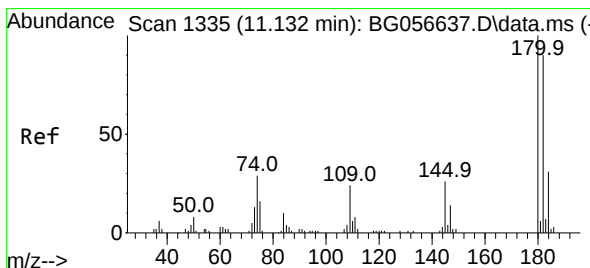
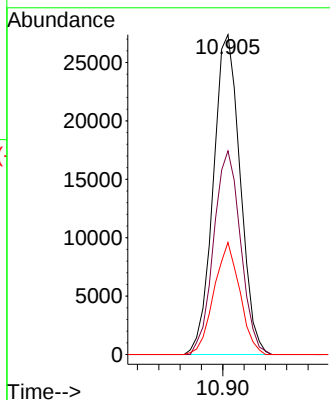
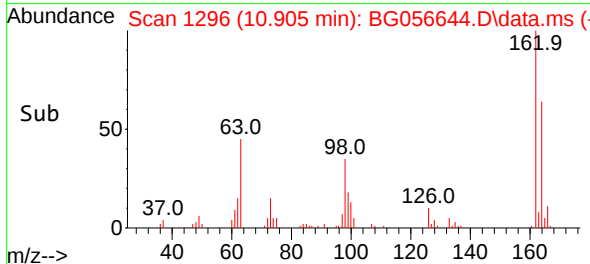
Instrument :
BNA_G
ClientSampleId :
PB150774BS



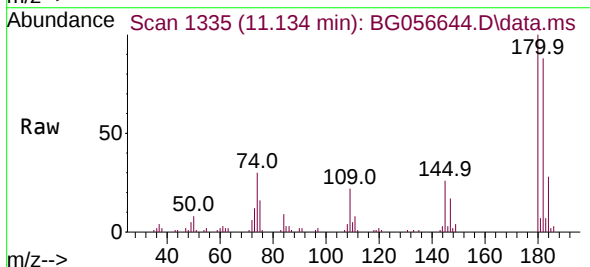
Tgt Ion:162 Resp: 48076
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 35.0 14.8 54.8

Manual Integrations
APPROVED

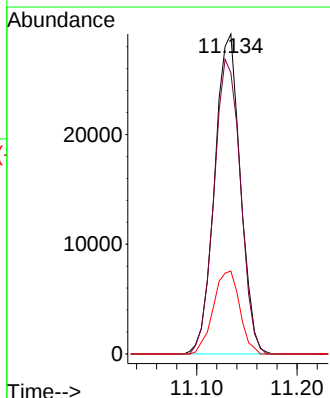
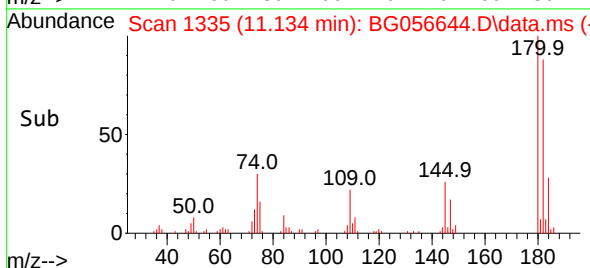
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

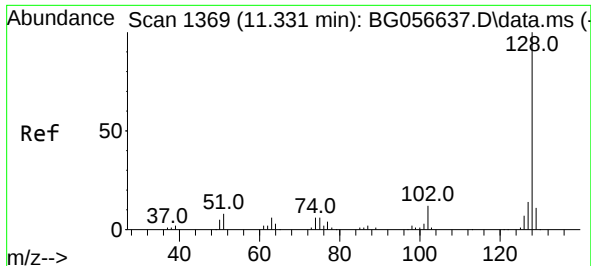


#30
1,2,4-Trichlorobenzene
Concen: 41.451 ng
RT: 11.134 min Scan# 1335
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:180 Resp: 51848
Ion Ratio Lower Upper
180 100
182 87.9 71.7 107.5
145 25.9 20.6 30.8





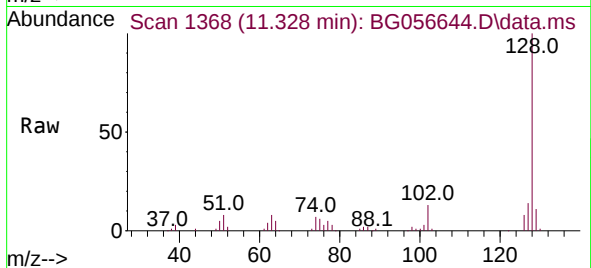
#31
Naphthalene
Concen: 39.904 ng
RT: 11.328 min Scan# 1369
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

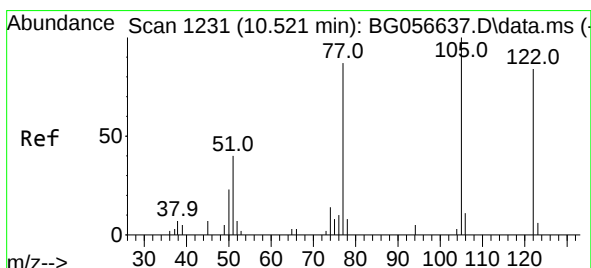
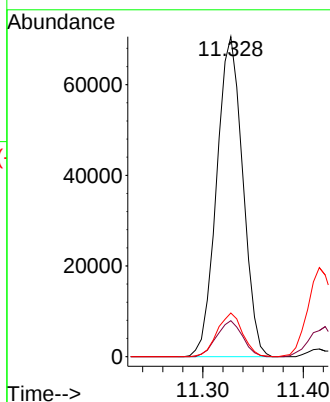
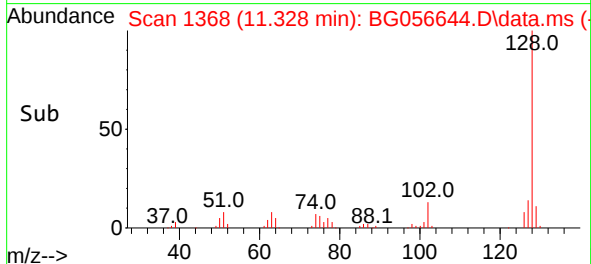


Tgt Ion:128 Resp: 127500
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.9 16.3

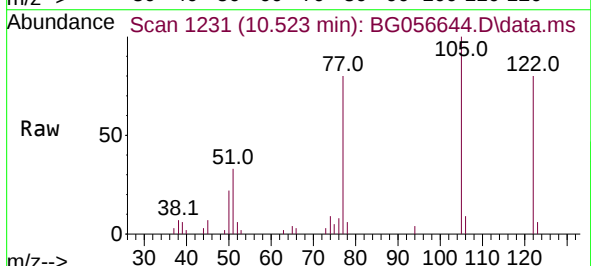
Manual Integrations

APPROVED

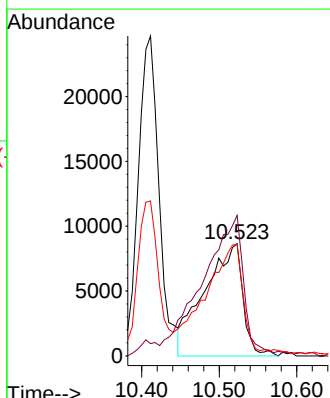
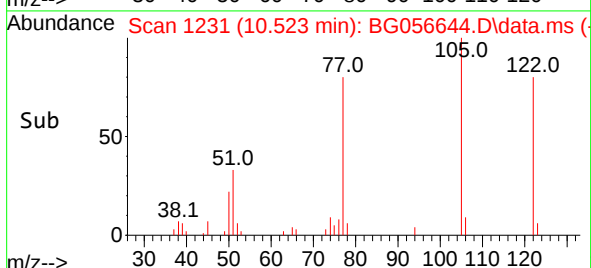
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

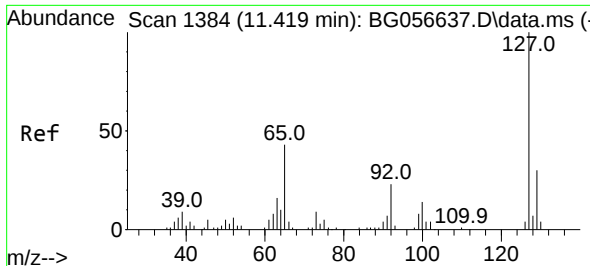


#32
Benzoic acid
Concen: 43.761 ng
RT: 10.523 min Scan# 1231
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:122 Resp: 29882
Ion Ratio Lower Upper
122 100
105 125.1 100.5 140.5
77 99.6 80.8 120.8





#33
4-Chloroaniline
Concen: 24.755 ng
RT: 11.416 min Scan# 1384
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

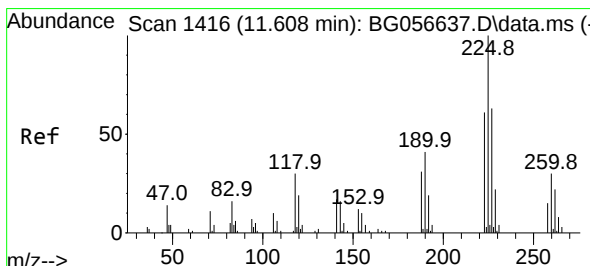
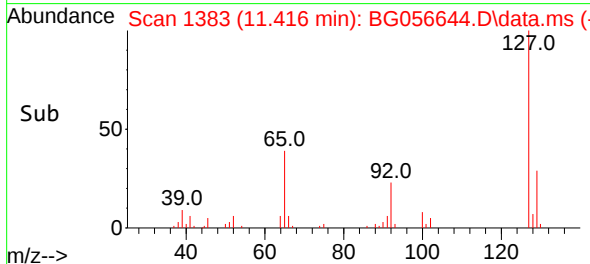
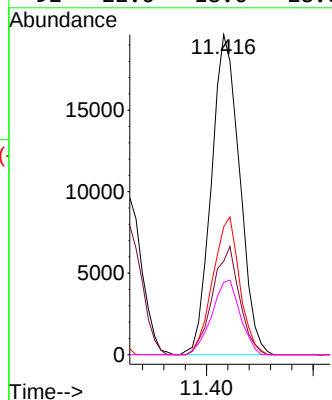
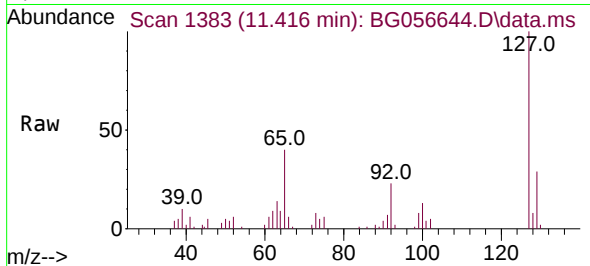
PB150774BS

Tgt Ion:	127	Resp:	3613
Ion Ratio	Lower	Upper	
127	100		
129	29.2	24.1	36.1
65	39.9	34.3	51.5
92	22.6	18.6	28.0

Manual Integrations

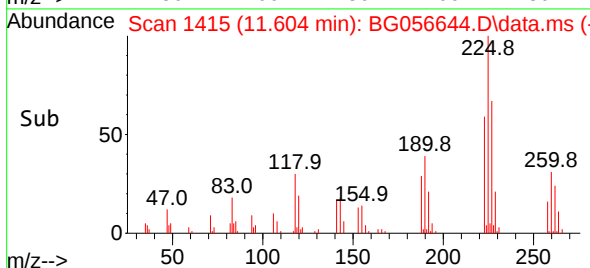
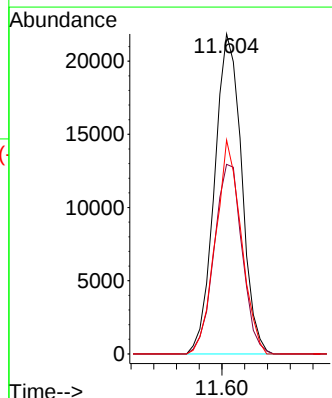
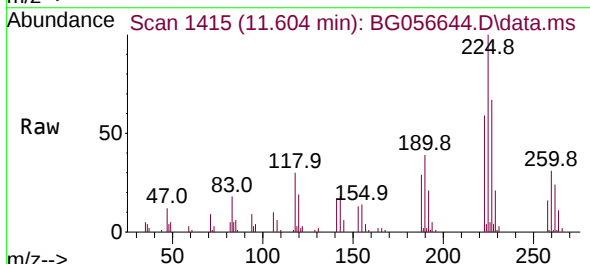
APPROVED

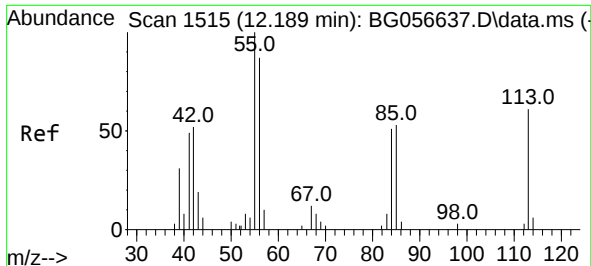
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#34
Hexachlorobutadiene
Concen: 40.444 ng
RT: 11.604 min Scan# 1415
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:	225	Resp:	36152
Ion Ratio	Lower	Upper	
225	100		
223	59.2	48.5	72.7
227	66.8	50.2	75.4





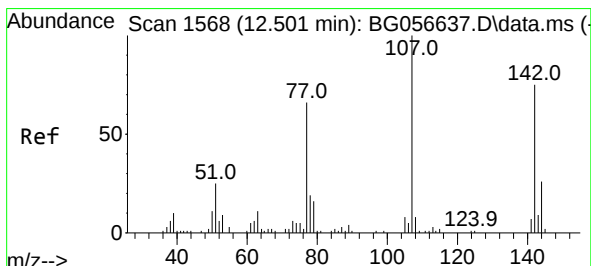
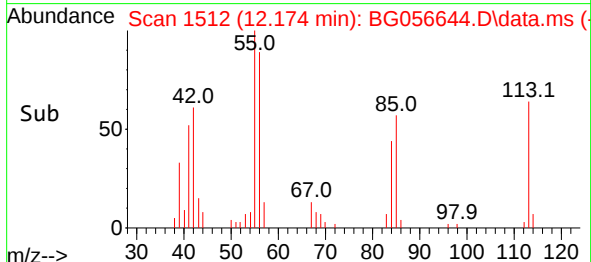
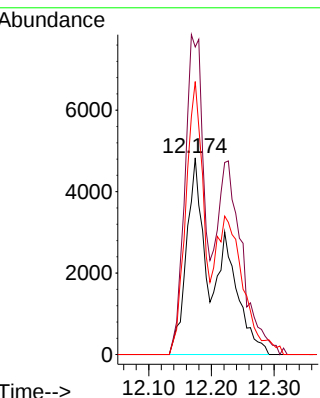
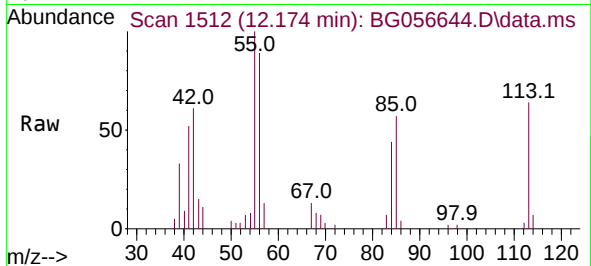
#35
Caprolactam
Concen: 47.029 ng m
RT: 12.174 min Scan# 1515
Delta R.T. -0.015 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:113 Resp: 15883
Ion Ratio Lower Upper
113 100
55 156.3 145.0 185.0
56 138.8 122.9 162.9

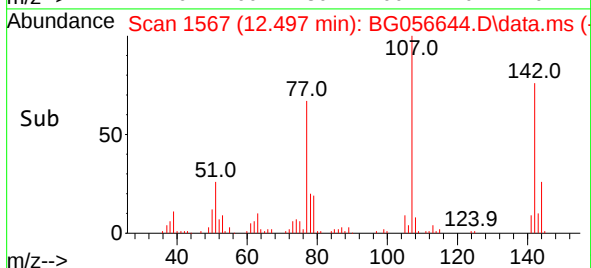
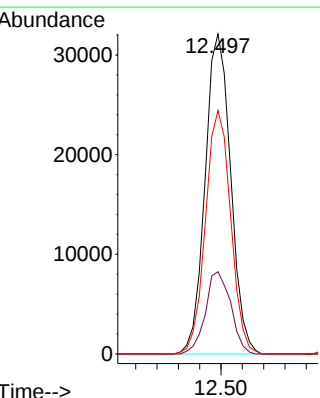
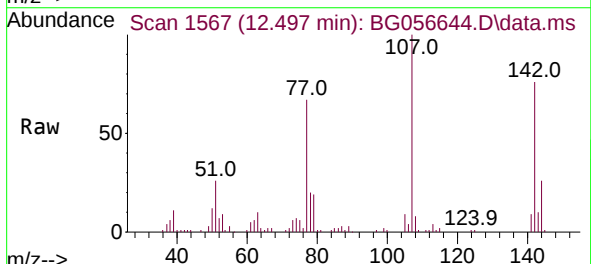
Manual Integrations
APPROVED

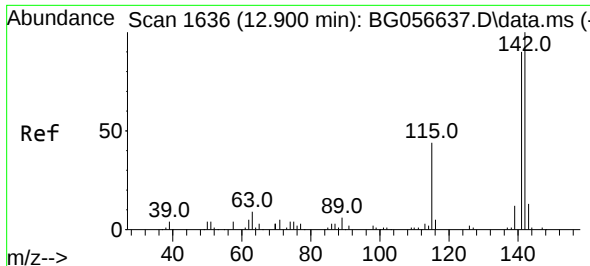
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#36
4-Chloro-3-methylphenol
Concen: 46.247 ng
RT: 12.497 min Scan# 1567
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:107 Resp: 53552
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 76.0 60.1 90.1





#37
2-Methylnaphthalene
Concen: 38.812 ng
RT: 12.897 min Scan# 1635
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

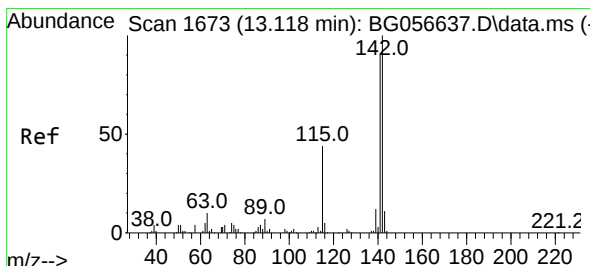
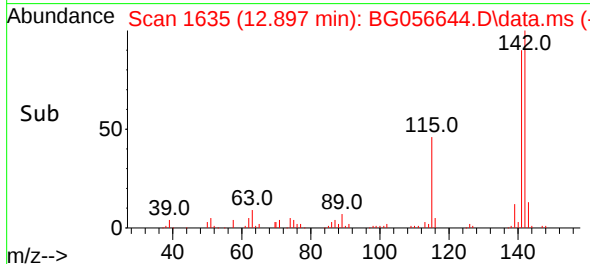
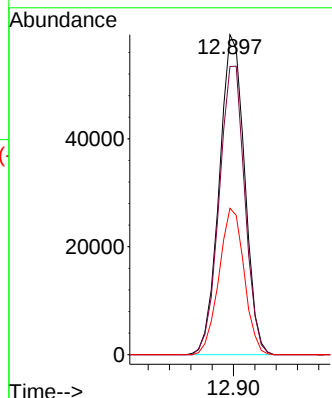
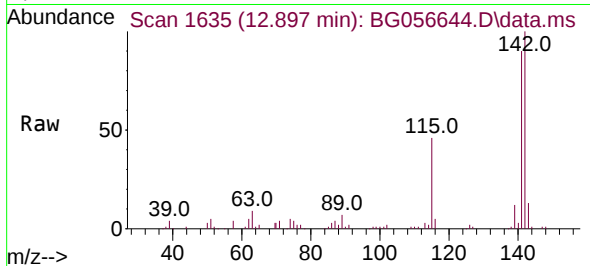
ClientSampleId :

PB150774BS

Tgt Ion:142 Resp: 97916
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9
115 45.7 35.1 52.7

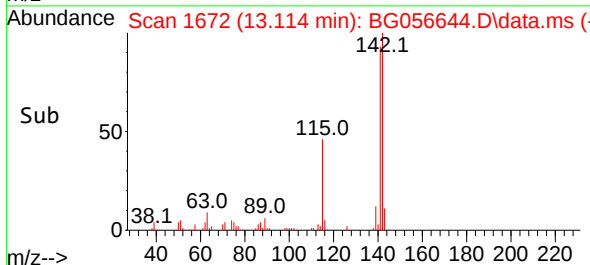
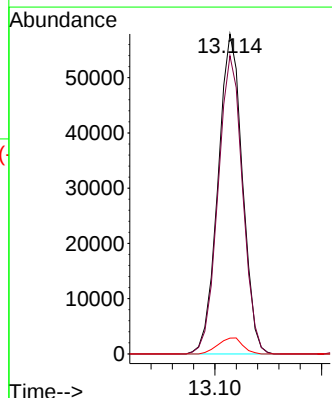
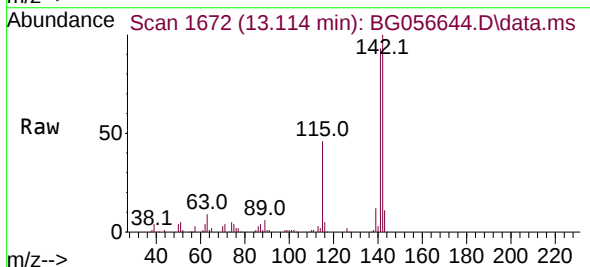
Manual Integrations
APPROVED

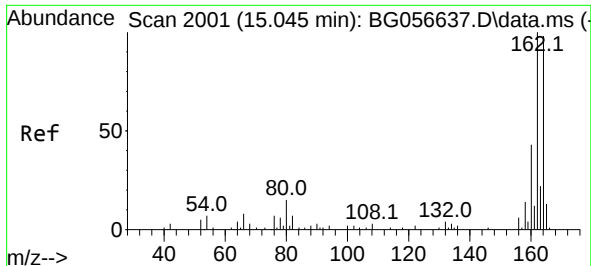
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#38
1-Methylnaphthalene
Concen: 39.189 ng
RT: 13.114 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:142 Resp: 92254
Ion Ratio Lower Upper
142 100
141 93.2 72.7 109.1
116 4.9 4.2 6.4





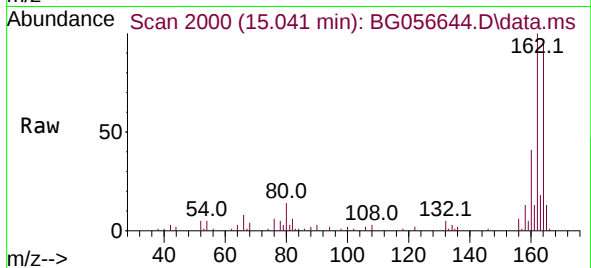
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.041 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

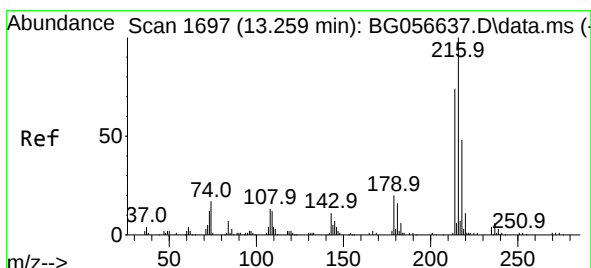
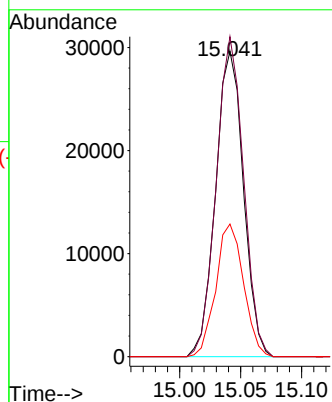
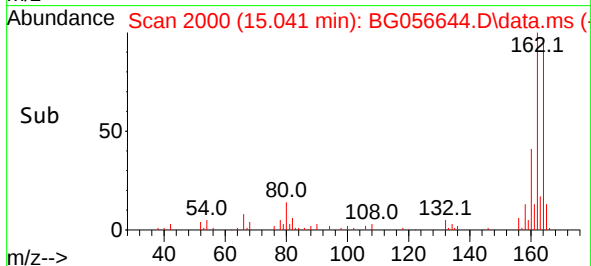


Tgt Ion:164 Resp: 47098
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 43.4 35.2 52.8

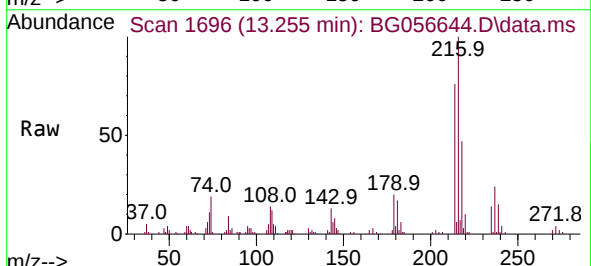
Manual Integrations

APPROVED

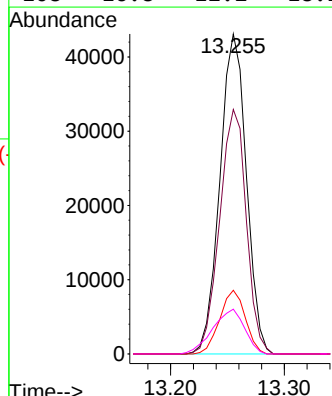
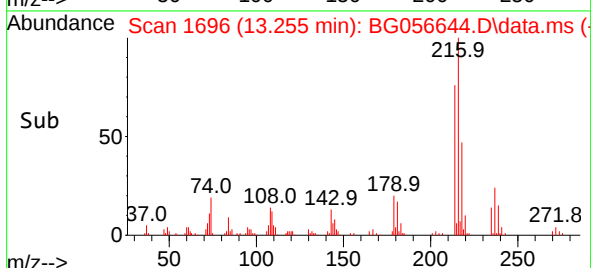
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

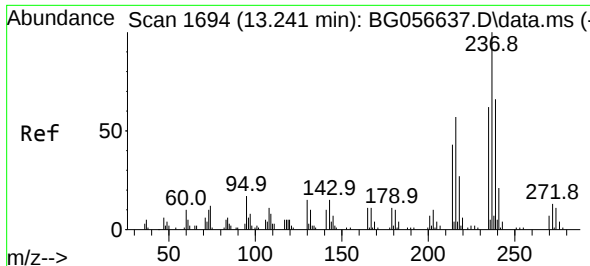


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.784 ng
RT: 13.255 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



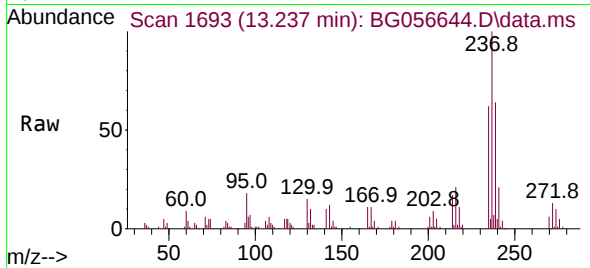
Tgt Ion:216 Resp: 69655
Ion Ratio Lower Upper
216 100
214 76.9 61.8 92.8
179 19.2 15.1 22.7
108 16.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 89.839 ng
RT: 13.237 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

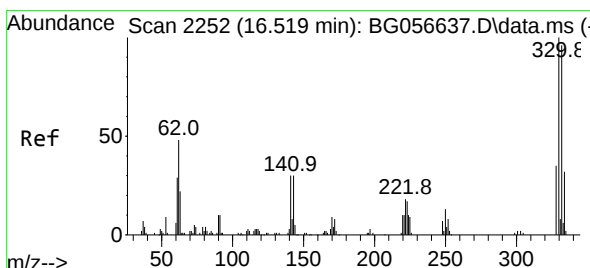
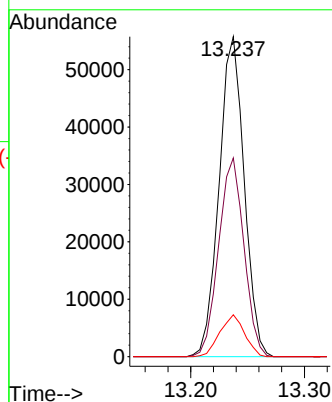
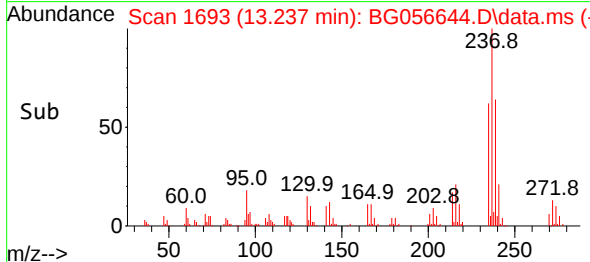
Instrument :
BNA_G
ClientSampleId :
PB150774BS



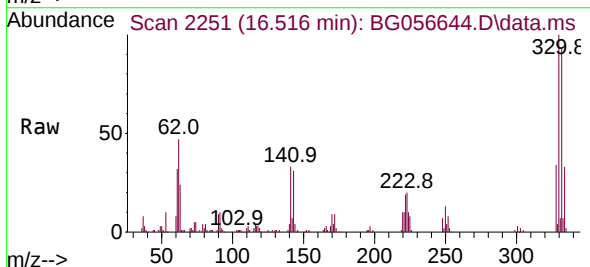
Tgt Ion:237 Resp: 85314
Ion Ratio Lower Upper
237 100
235 62.1 41.6 81.6
272 13.1 0.0 32.6

Manual Integrations
APPROVED

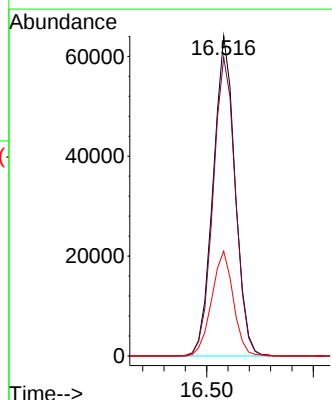
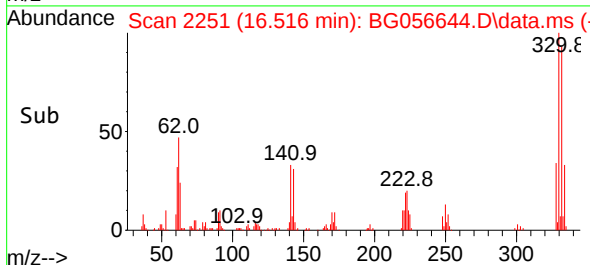
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

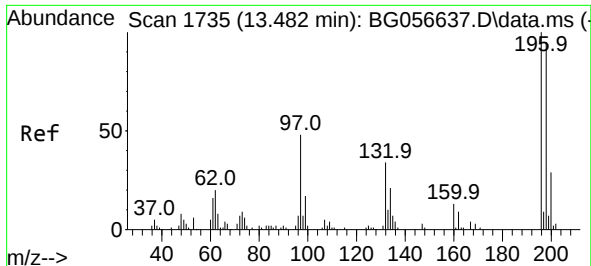


#42
2,4,6-Tribromophenol
Concen: 141.803 ng
RT: 16.516 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:330 Resp: 91439
Ion Ratio Lower Upper
330 100
332 95.2 75.7 113.5
141 32.3 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 45.498 ng
RT: 13.478 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

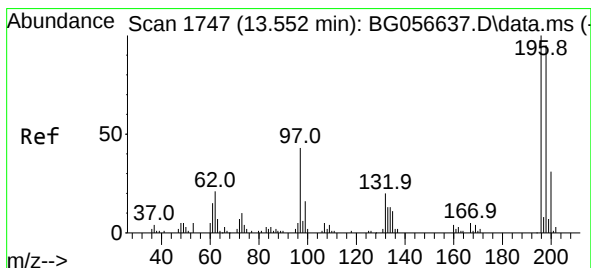
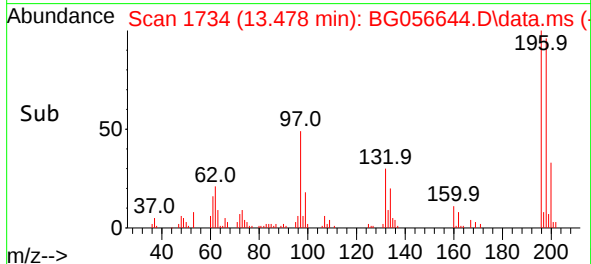
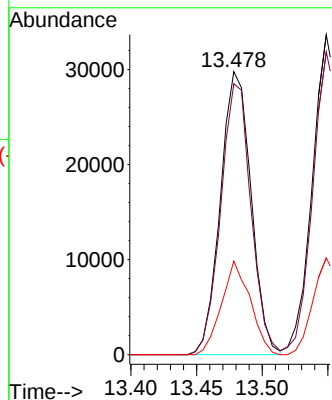
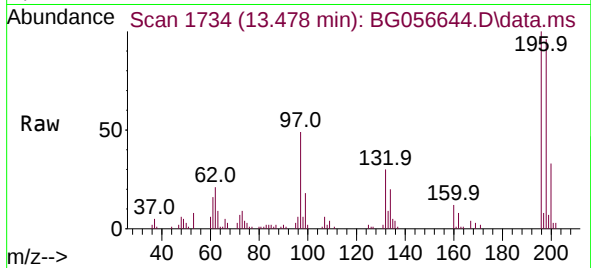
ClientSampleId :

PB150774BS

Tgt Ion:196 Resp: 48332
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.2
200 33.0 23.2 34.8

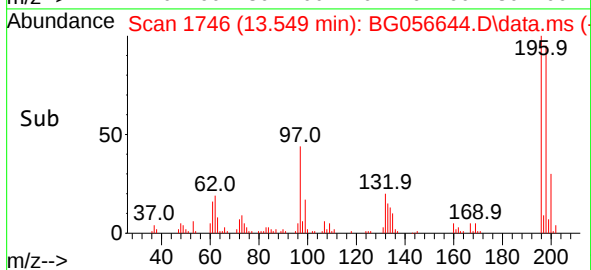
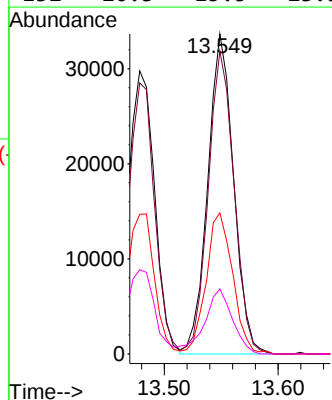
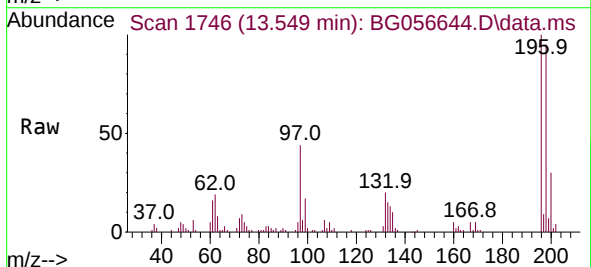
Manual Integrations
APPROVED

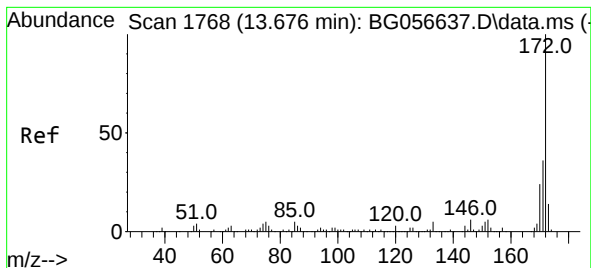
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#44
2,4,5-Trichlorophenol
Concen: 41.786 ng
RT: 13.549 min Scan# 1746
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:196 Resp: 53201
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.4
97 44.1 34.9 52.3
132 20.3 15.5 23.3





#45
2-Fluorobiphenyl
Concen: 80.257 ng
RT: 13.672 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

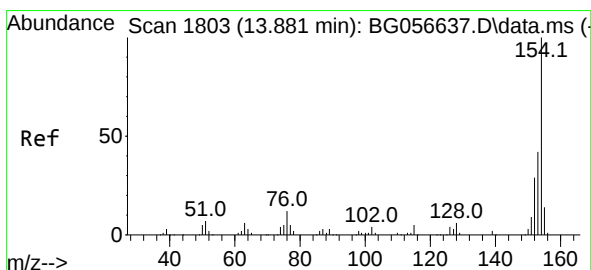
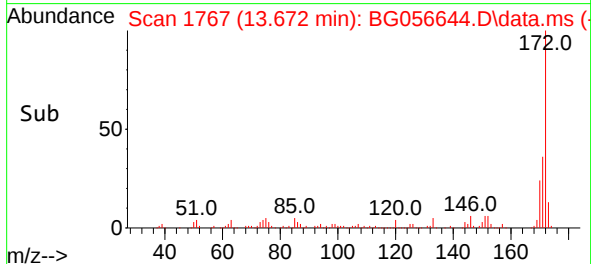
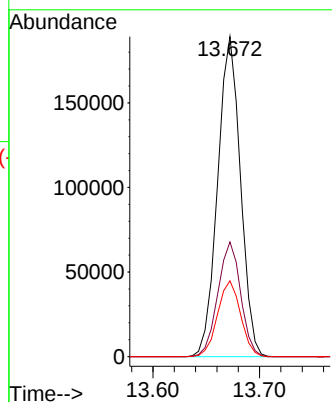
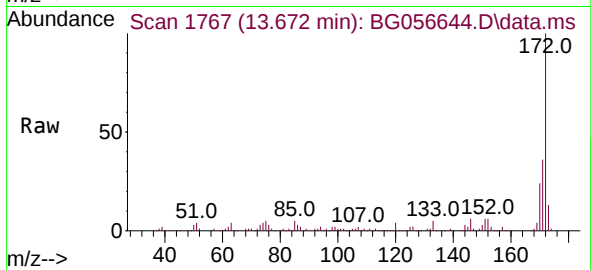
PB150774BS

Tgt Ion:172 Resp: 282285
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.4 29.0

Manual Integrations

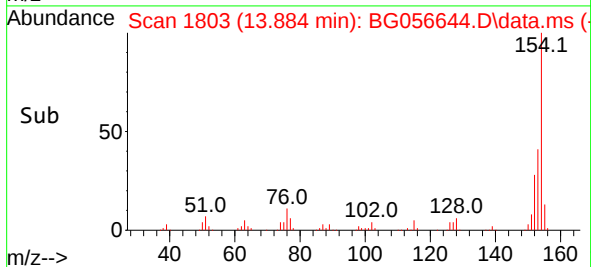
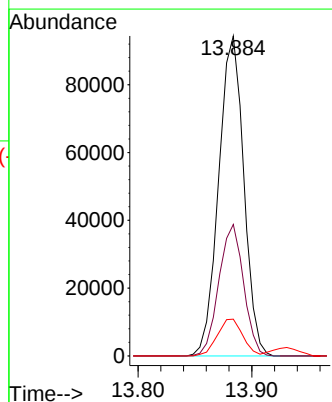
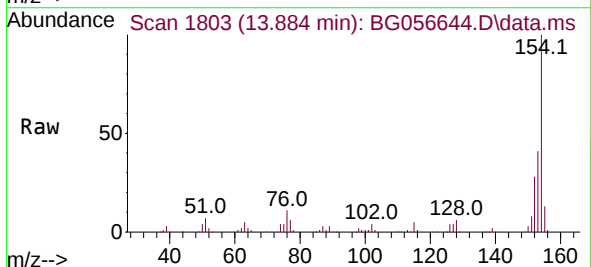
APPROVED

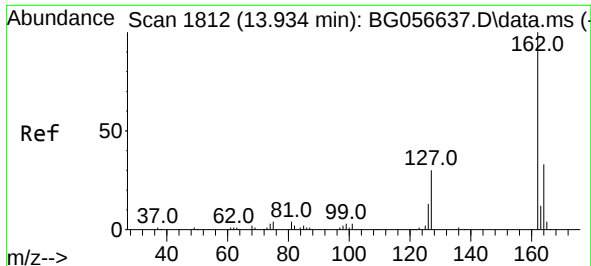
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#46
1,1'-Biphenyl
Concen: 40.488 ng
RT: 13.884 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:154 Resp: 144451
Ion Ratio Lower Upper
154 100
153 41.1 21.9 61.9
76 11.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 40.107 ng

RT: 13.931 min Scan# 1812

Delta R.T. -0.003 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

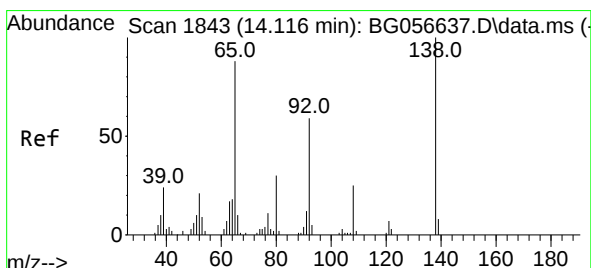
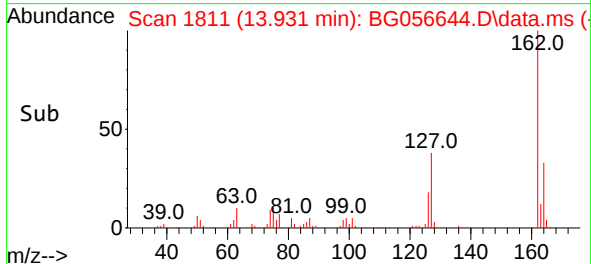
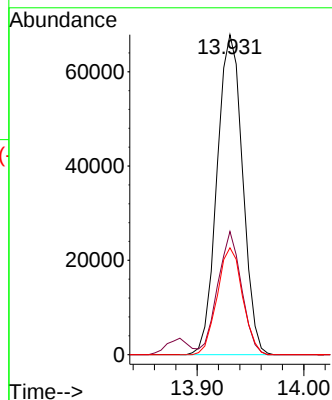
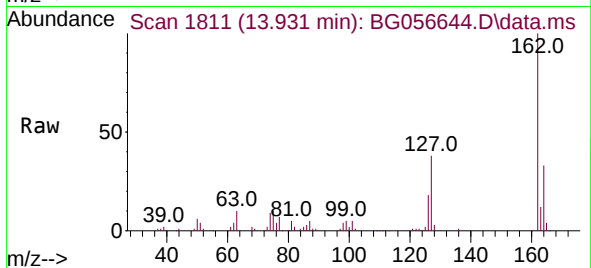
PB150774BS

Tgt Ion:162	Resp: 113235
Ion Ratio	Lower Upper
162	100
127	38.5 27.5 41.3
164	33.4 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: 41.205 ng

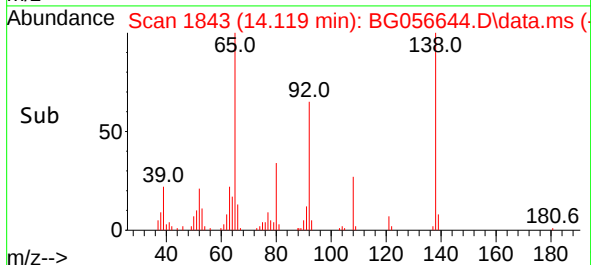
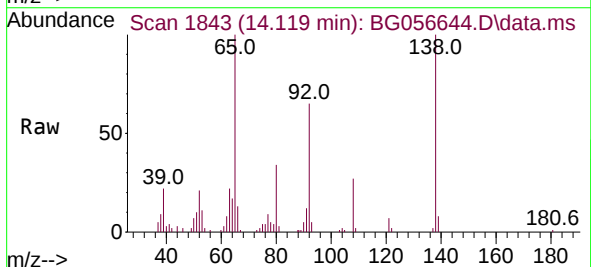
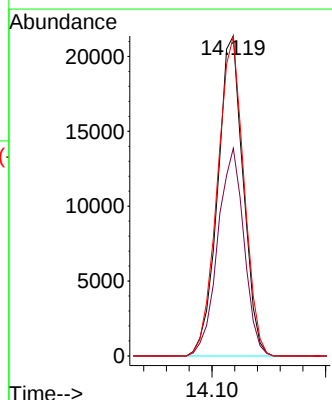
RT: 14.119 min Scan# 1843

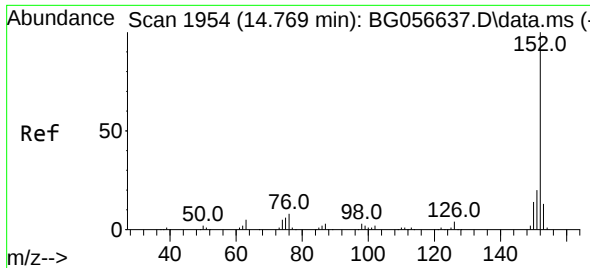
Delta R.T. 0.003 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

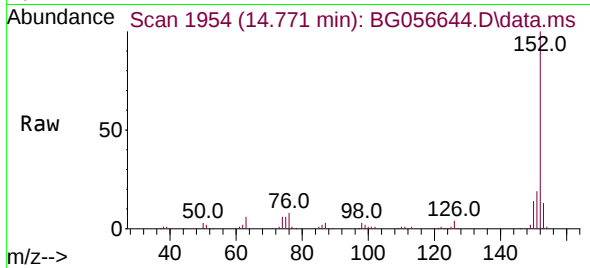
Tgt Ion: 65	Resp: 33203
Ion Ratio	Lower Upper
65	100
92	64.9 53.8 80.6
138	99.9 90.6 135.8





#49
Acenaphthylene
Concen: 39.770 ng
RT: 14.771 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

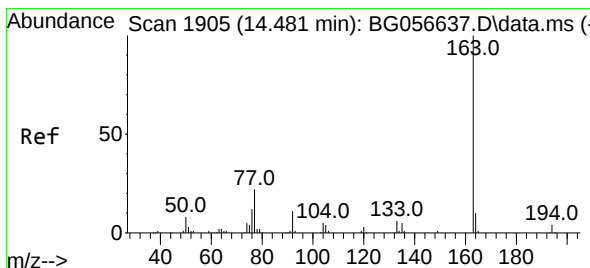
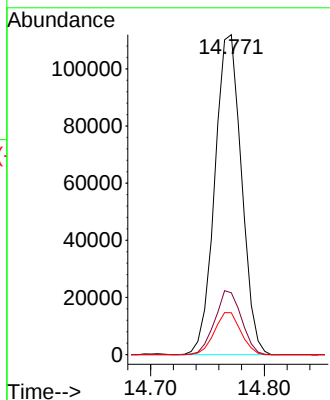
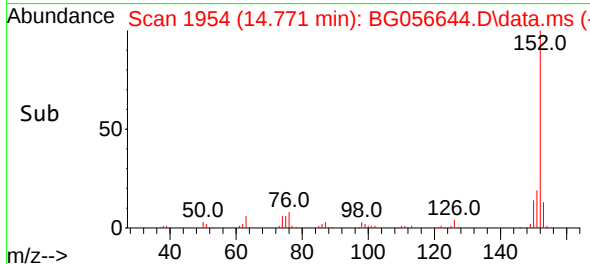
Instrument :
BNA_G
ClientSampleId :
PB150774BS



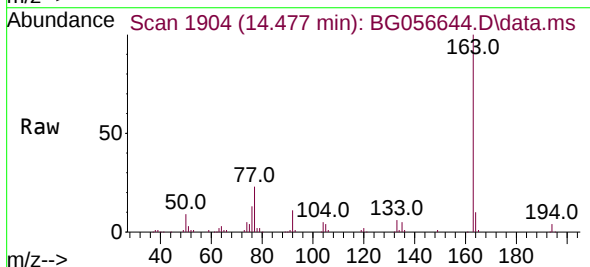
Tgt Ion:152 Resp: 182444
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.1 10.3 15.5

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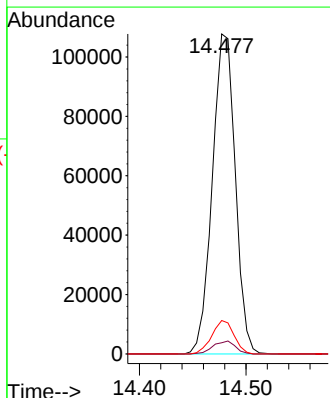
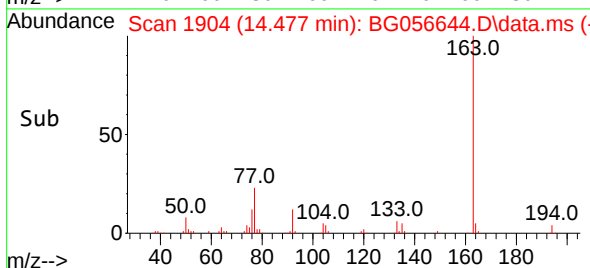
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

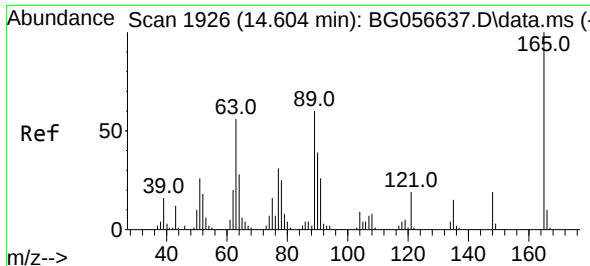


#50
Dimethylphthalate
Concen: 41.439 ng
RT: 14.477 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



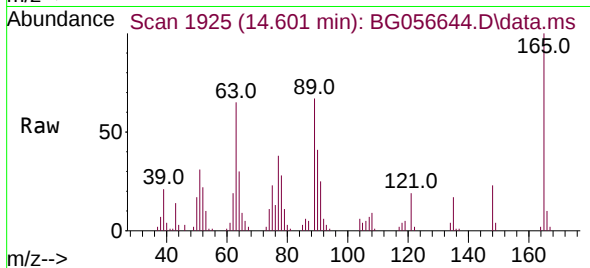
Tgt Ion:163 Resp: 161339
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.282 ng
RT: 14.601 min Scan# 1925
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

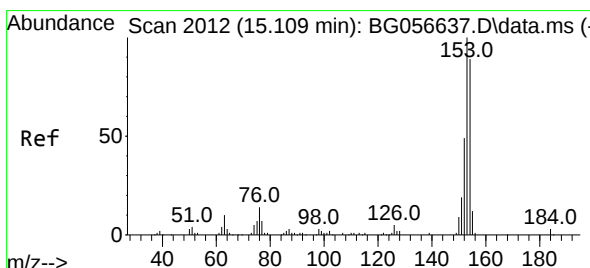
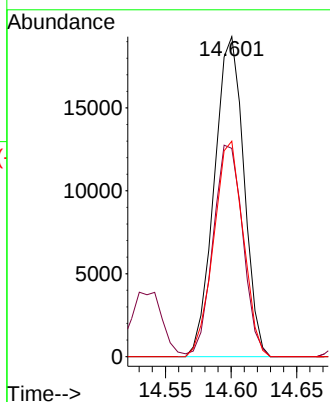
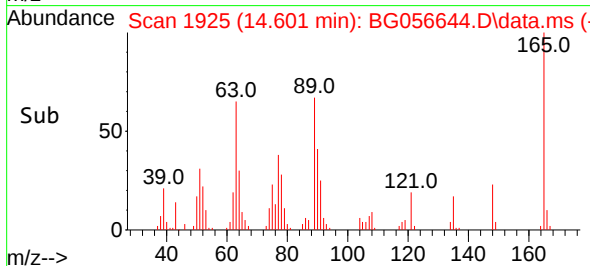
Instrument :
BNA_G
ClientSampleId :
PB150774BS



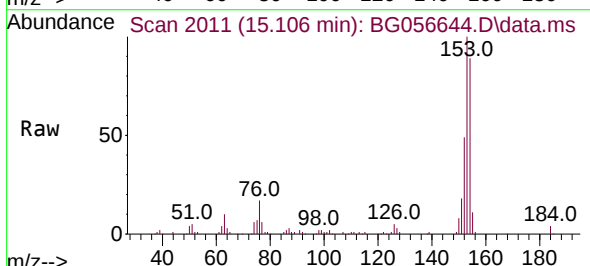
Tgt Ion:165 Resp: 30200
Ion Ratio Lower Upper
165 100
63 65.1 45.8 68.8
89 67.3 48.2 72.2

Manual Integrations
APPROVED

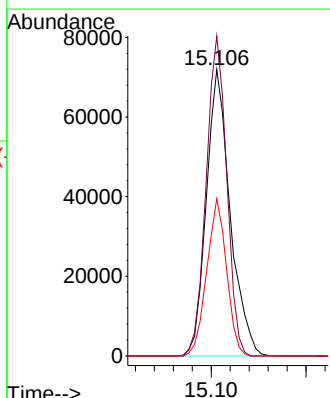
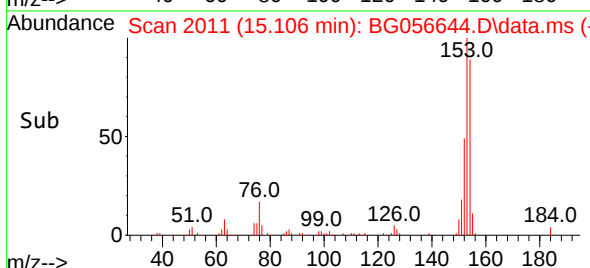
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

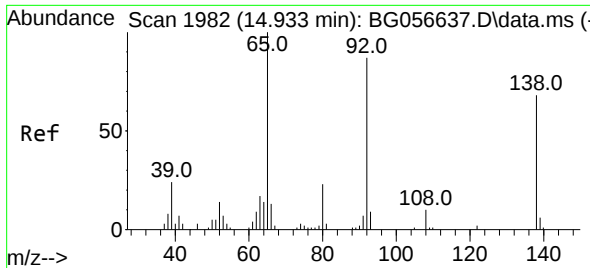


#52
Acenaphthene
Concen: 44.391 ng
RT: 15.106 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:154 Resp: 125613
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 54.8 43.7 65.5





#53
3-Nitroaniline
Concen: 31.924 ng
RT: 14.930 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

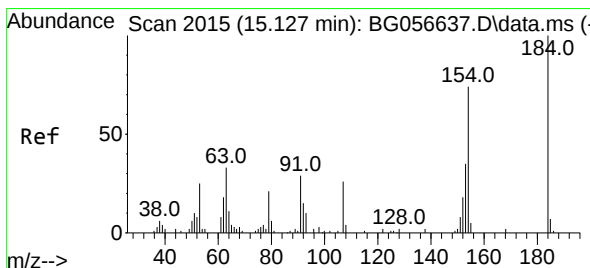
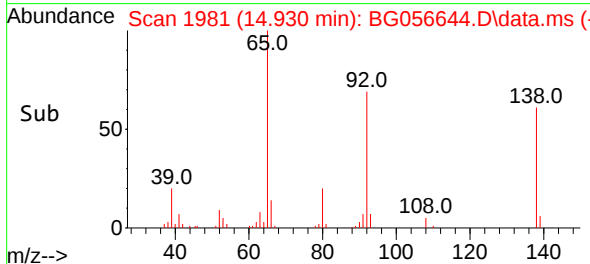
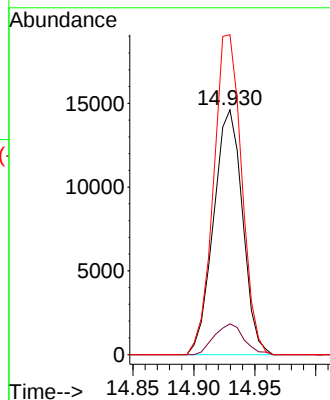
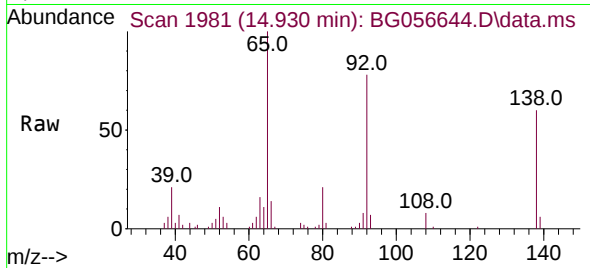
PB150774BS

Tgt Ion:138 Resp: 2412
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.2
92 130.8 103.1 154.7

Manual Integrations

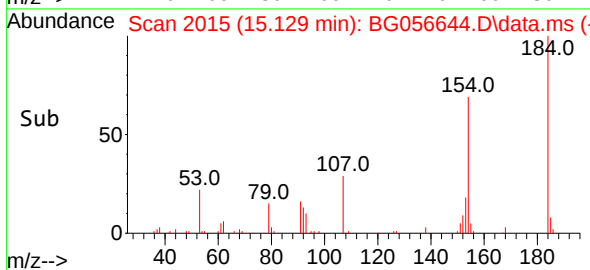
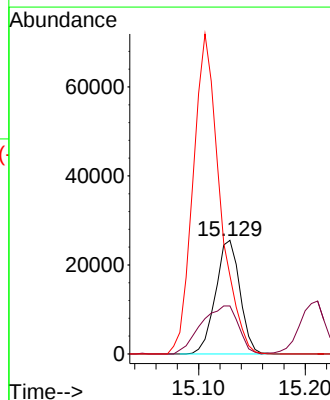
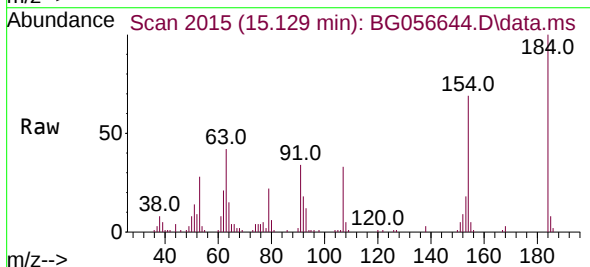
APPROVED

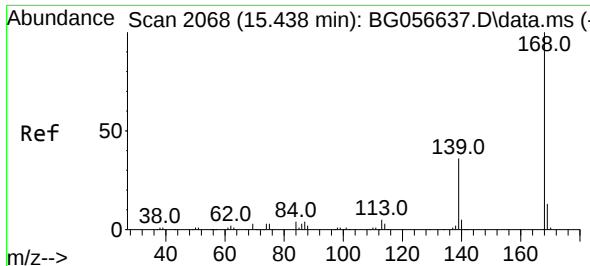
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#54
2,4-Dinitrophenol
Concen: 90.164 ng
RT: 15.129 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:184 Resp: 40556
Ion Ratio Lower Upper
184 100
63 42.2 31.0 46.6
154 68.9 99.8 149.8#





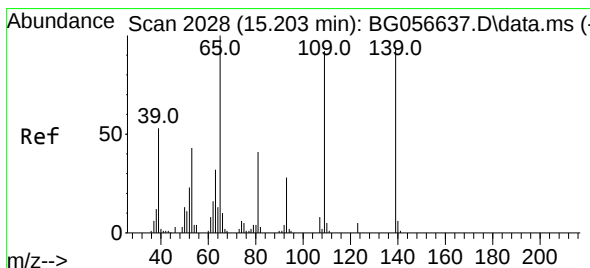
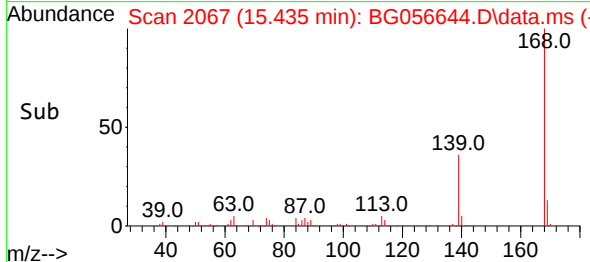
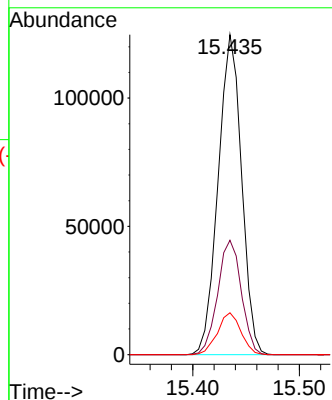
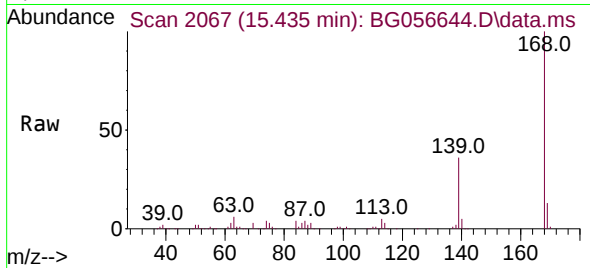
#55
Dibenzofuran
Concen: 39.788 ng
RT: 15.435 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:168 Resp: 190209
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.6
169 13.1 10.7 16.1

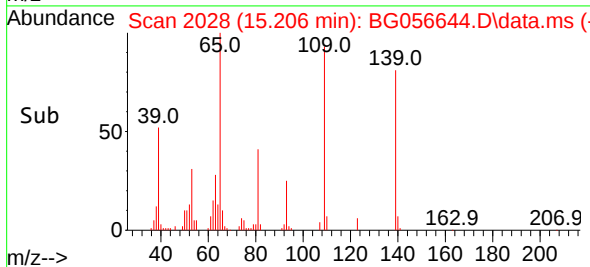
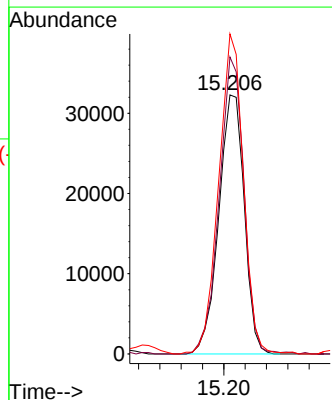
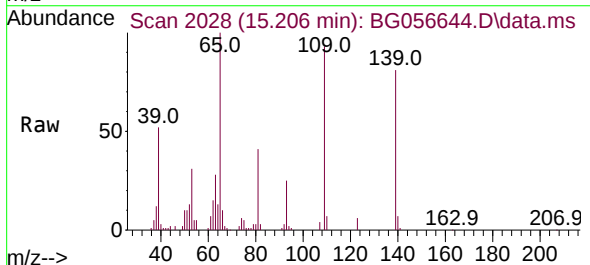
Manual Integrations
APPROVED

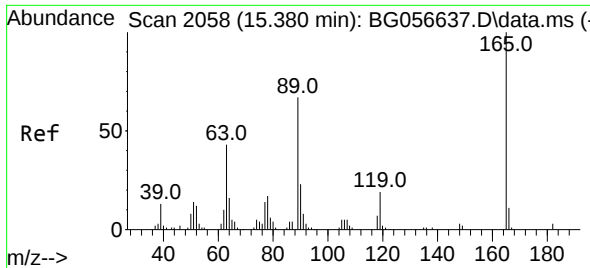
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#56
4-Nitrophenol
Concen: 92.608 ng
RT: 15.206 min Scan# 2028
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:139 Resp: 53624
Ion Ratio Lower Upper
139 100
109 114.6 79.3 119.3
65 123.6 87.6 127.6





#57
2,4-Dinitrotoluene
Concen: 45.091 ng
RT: 15.382 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

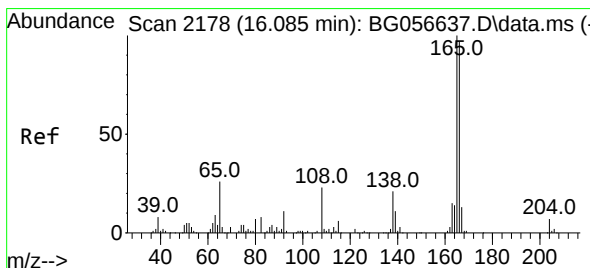
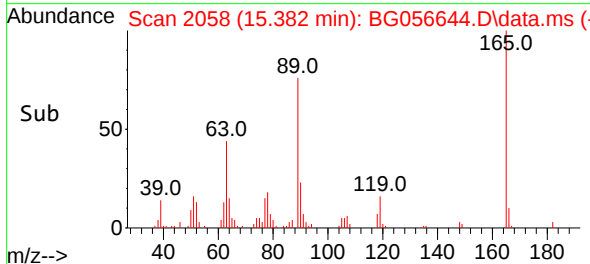
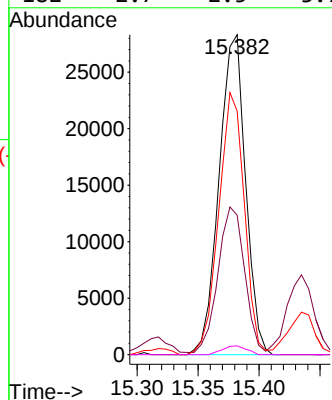
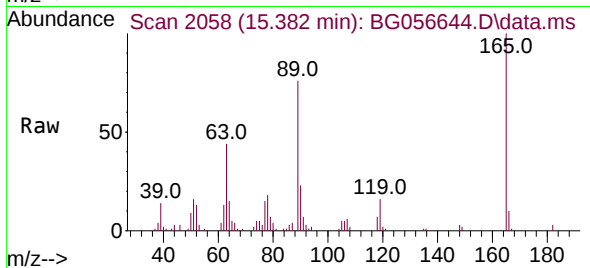
PB150774BS

Tgt Ion:165 Resp: 42816
Ion Ratio Lower Upper
165 100
63 43.6 34.6 52.0
89 76.1 53.8 80.8
182 2.7 2.5 3.7

Manual Integrations

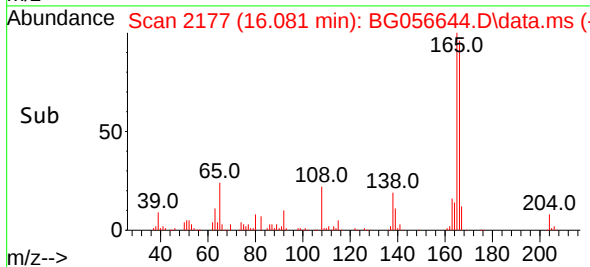
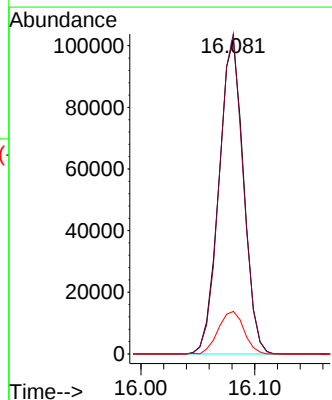
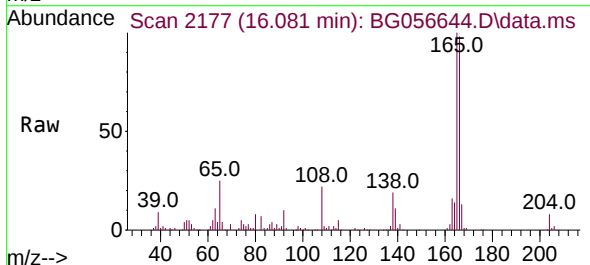
APPROVED

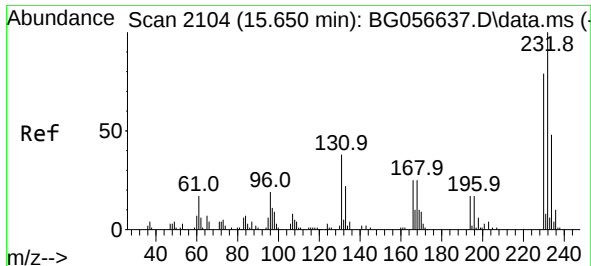
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#58
Fluorene
Concen: 40.553 ng
RT: 16.081 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:166 Resp: 153284
Ion Ratio Lower Upper
166 100
165 102.1 82.9 124.3
167 13.5 11.1 16.7





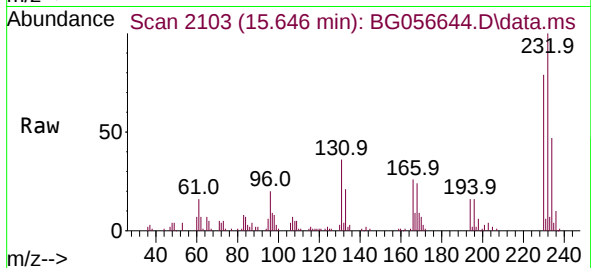
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.624 ng m
RT: 15.646 min Scan# 2103
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

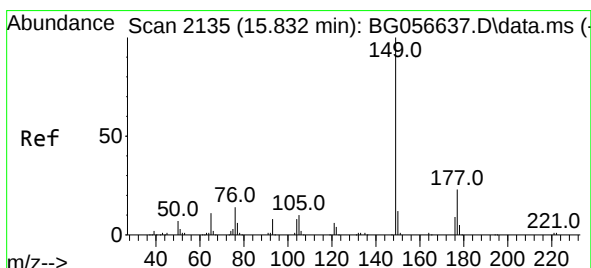
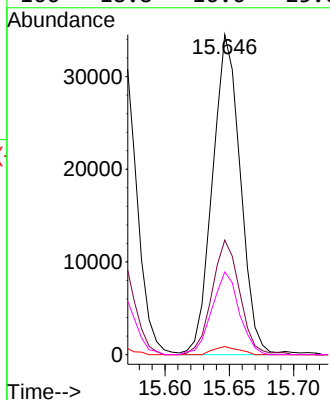
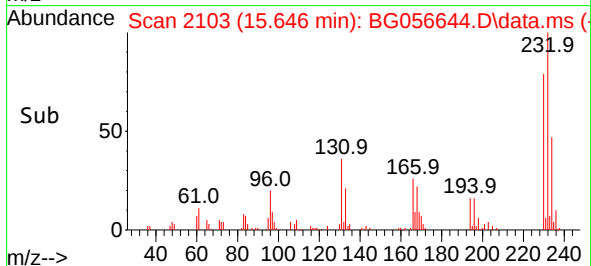


Tgt Ion:232 Resp: 52025
Ion Ratio Lower Upper
232 100
131 29.7 24.7 37.1
130 1.8 1.4 2.2
166 18.8 16.6 25.0

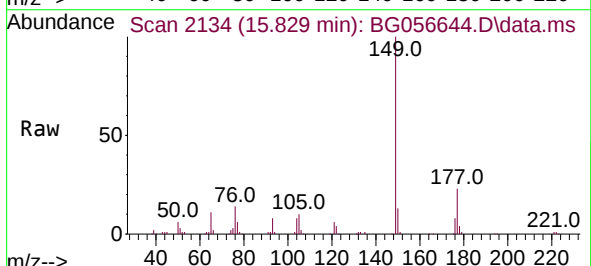
Manual Integrations

APPROVED

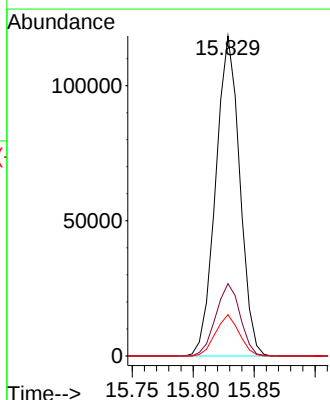
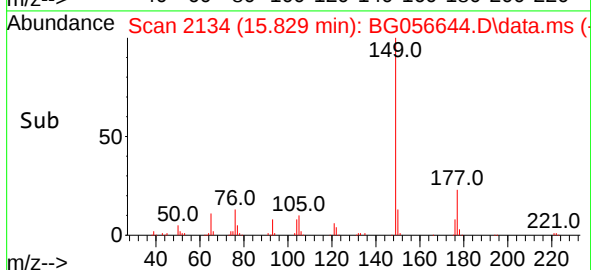
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

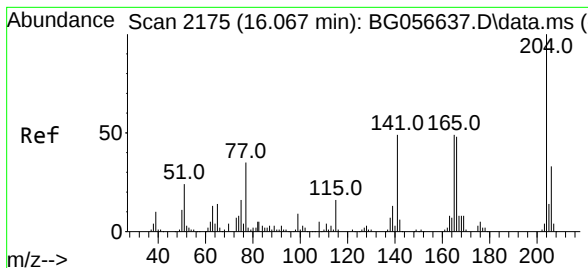


#60
Diethylphthalate
Concen: 41.333 ng
RT: 15.829 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:149 Resp: 162332
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 12.9 9.9 14.9





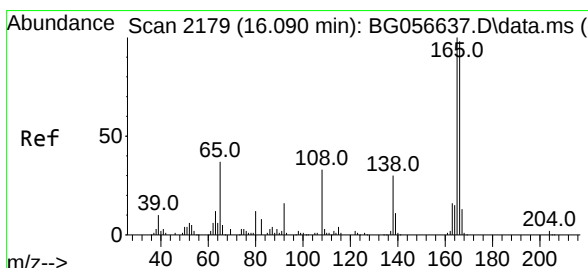
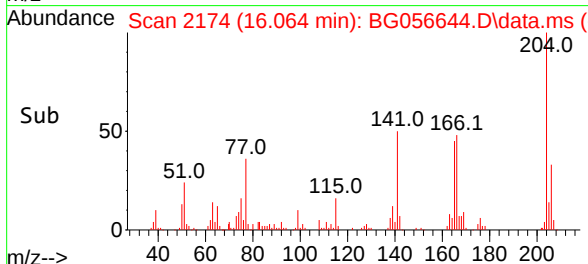
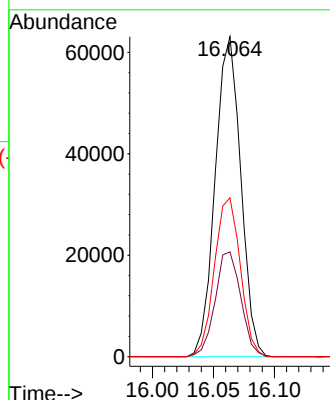
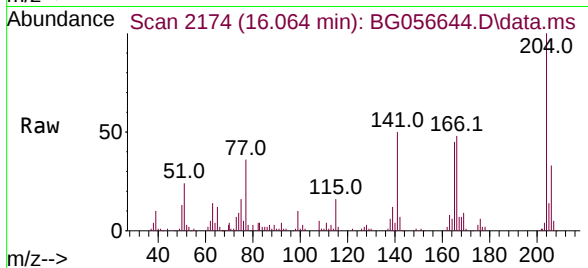
#61
4-Chlorophenyl-phenylether
Concen: 39.871 ng
RT: 16.064 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:204 Resp: 92069
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 49.6 38.9 58.3

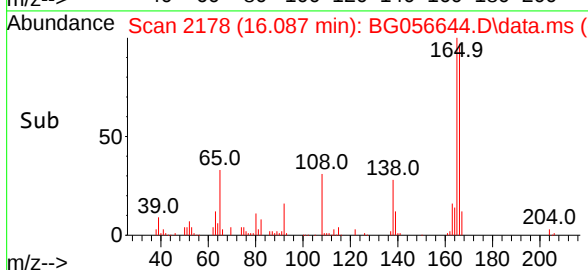
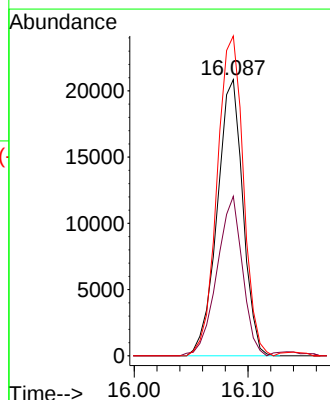
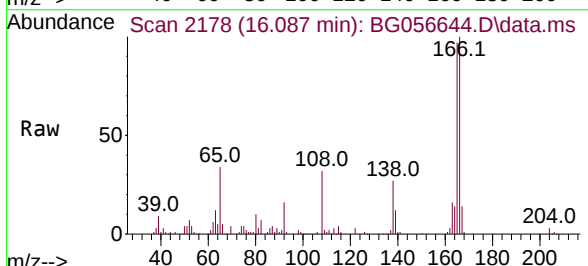
Manual Integrations
APPROVED

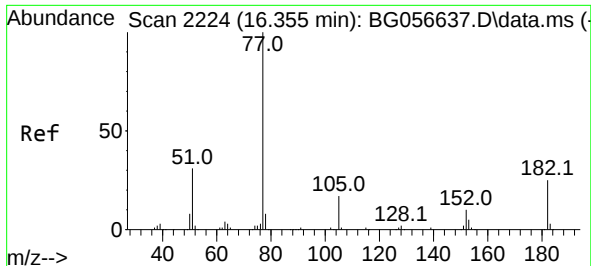
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#62
4-Nitroaniline
Concen: 41.541 ng
RT: 16.087 min Scan# 2178
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:138 Resp: 32720
Ion Ratio Lower Upper
138 100
92 57.8 31.5 71.5
108 115.8 88.6 128.6





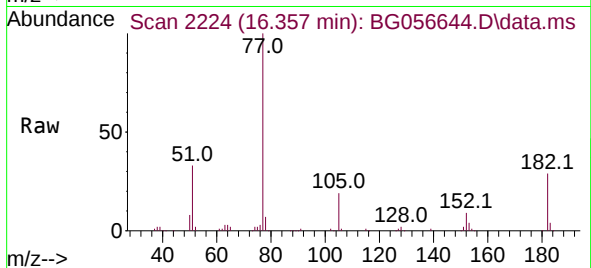
#63
Azobenzene
Concen: 40.217 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

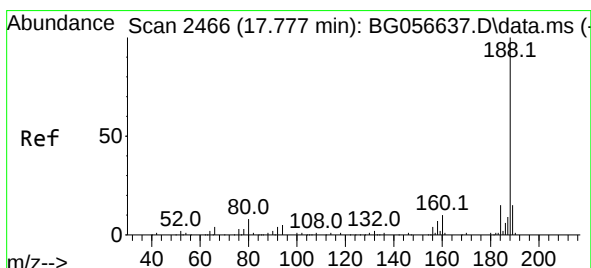
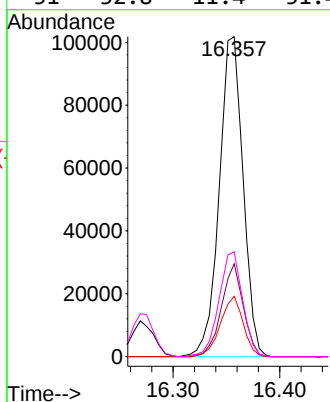
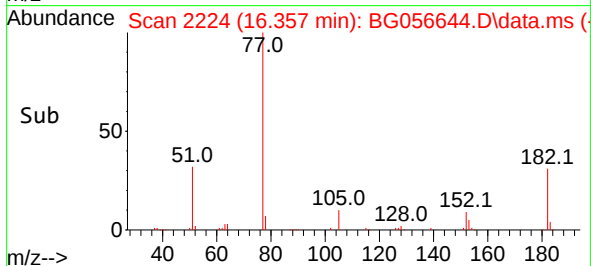


Tgt Ion: 77 Resp: 158079
Ion Ratio Lower Upper
77 100
182 29.0 5.2 45.2
105 18.8 0.0 37.3
51 32.8 11.4 51.4

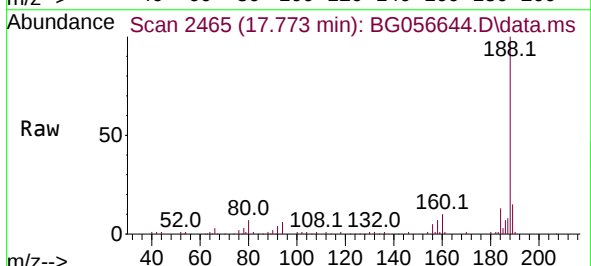
Manual Integrations

APPROVED

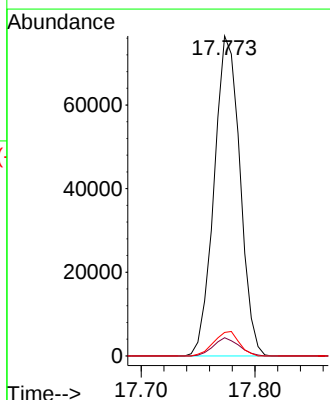
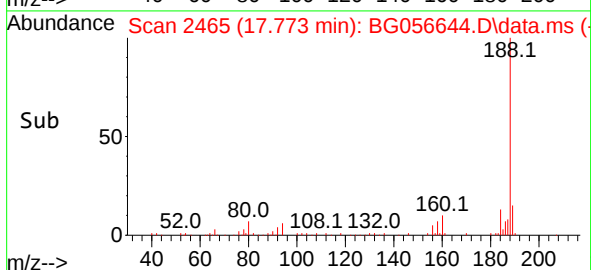
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

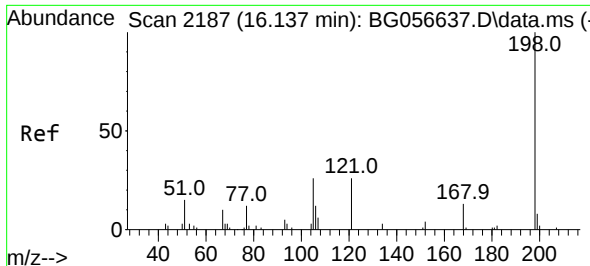


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.773 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:188 Resp: 120531
Ion Ratio Lower Upper
188 100
94 5.7 4.0 6.0
80 7.3 6.3 9.5





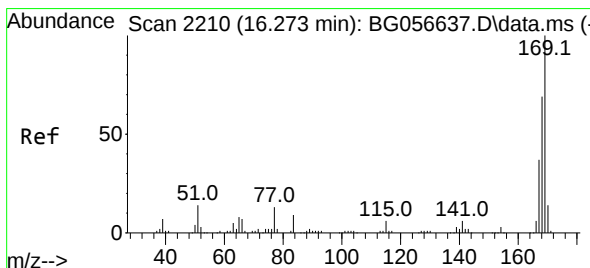
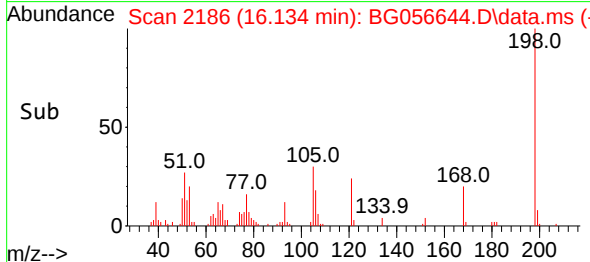
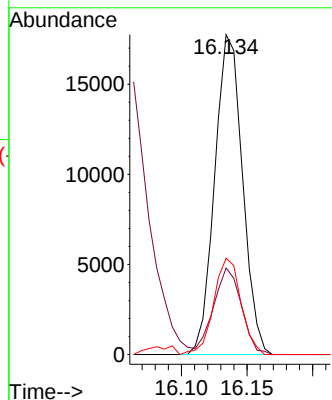
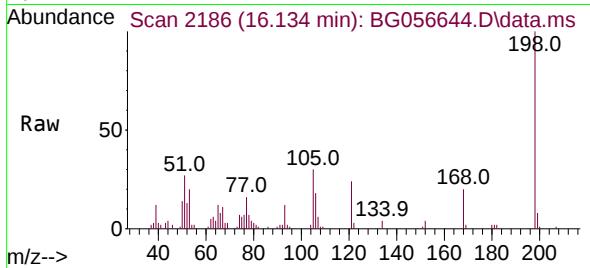
#65
4,6-Dinitro-2-methylphenol
Concen: 42.100 ng
RT: 16.134 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:198 Resp: 26204
Ion Ratio Lower Upper
198 100
51 27.1 7.4 47.4
105 30.1 8.2 48.2

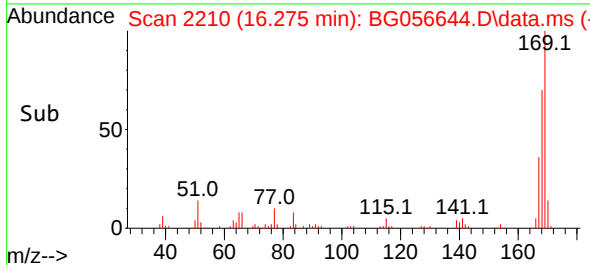
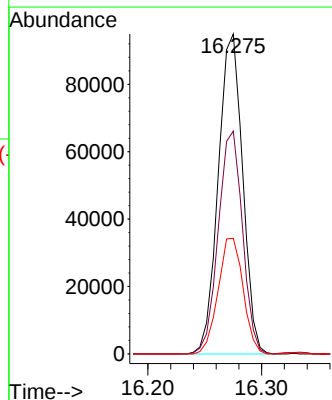
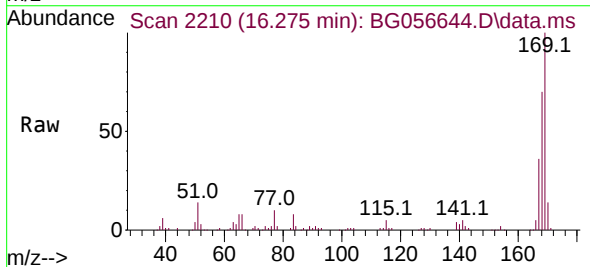
Manual Integrations
APPROVED

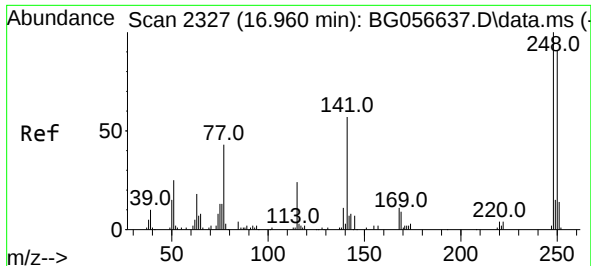
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#66
n-Nitrosodiphenylamine
Concen: 40.317 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:169 Resp: 141370
Ion Ratio Lower Upper
169 100
168 69.6 55.5 83.3
167 36.1 29.5 44.3





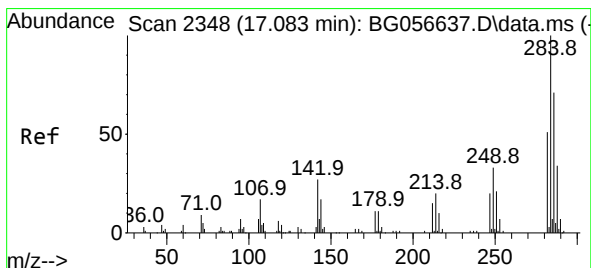
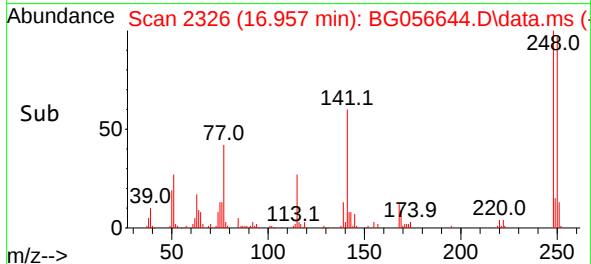
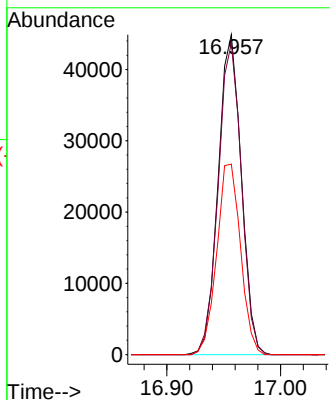
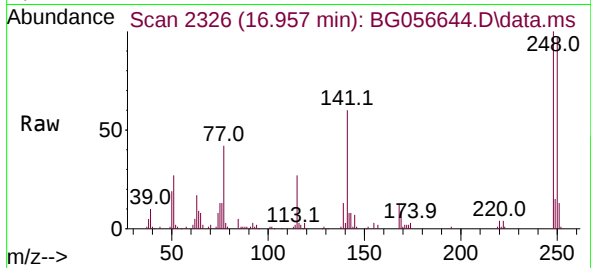
#67
4-Bromophenyl-phenylether
Concen: 40.947 ng
RT: 16.957 min Scan# 2326
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:248 Resp: 63365
Ion Ratio Lower Upper
248 100
250 97.3 73.0 109.6
141 59.6 45.6 68.4

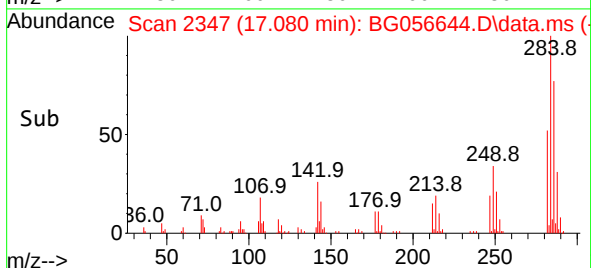
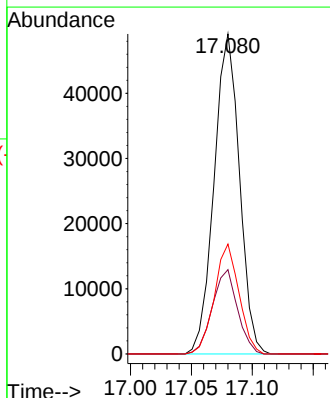
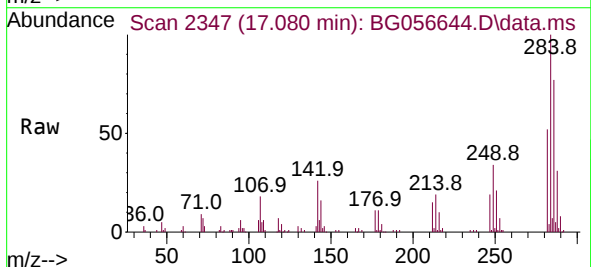
Manual Integrations
APPROVED

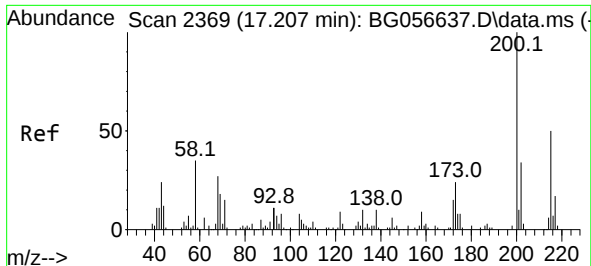
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#68
Hexachlorobenzene
Concen: 45.051 ng
RT: 17.080 min Scan# 2347
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:284 Resp: 71029
Ion Ratio Lower Upper
284 100
142 26.3 21.4 32.2
249 34.3 26.1 39.1





#69
 Atrazine
 Concen: 45.640 ng
 RT: 17.203 min Scan# 2369
 Delta R.T. -0.003 min
 Lab File: BG056644.D
 Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

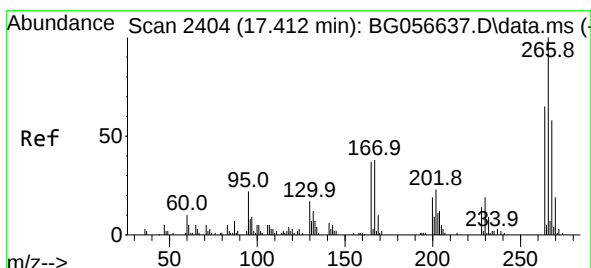
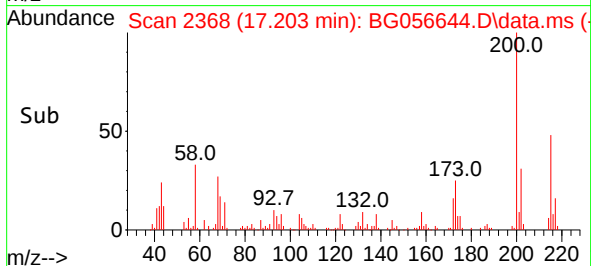
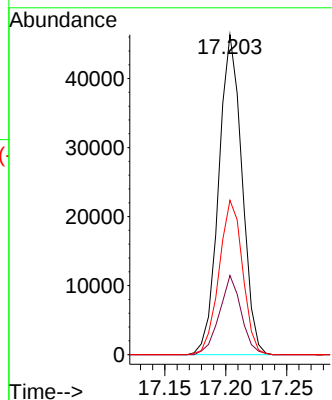
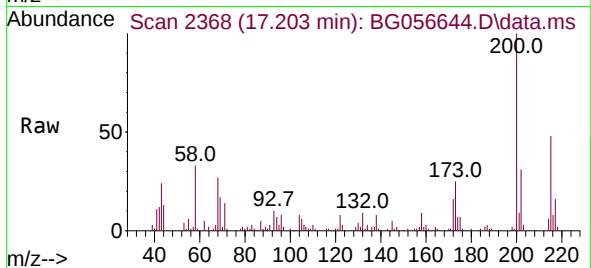
PB150774BS

Tgt Ion:200 Resp: 6145
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.4 44.4
 215 48.2 29.6 69.6

Manual Integrations

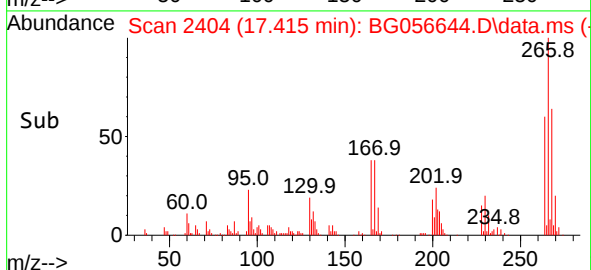
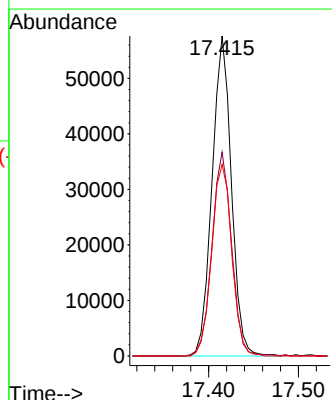
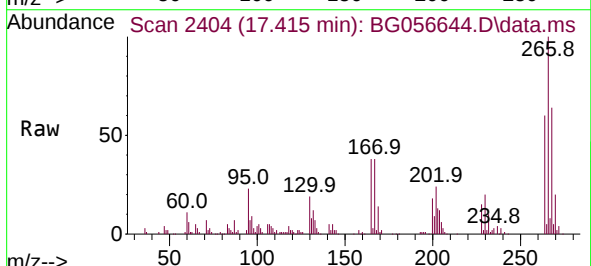
APPROVED

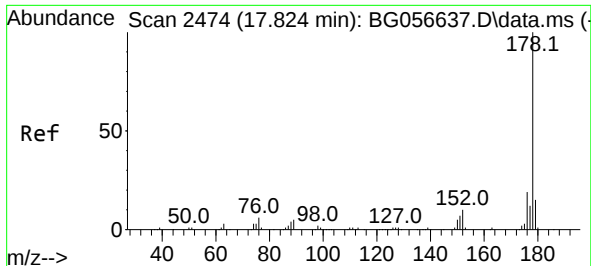
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#70
 Pentachlorophenol
 Concen: 82.618 ng
 RT: 17.415 min Scan# 2404
 Delta R.T. 0.002 min
 Lab File: BG056644.D
 Acq: 15 Feb 2023 22:41

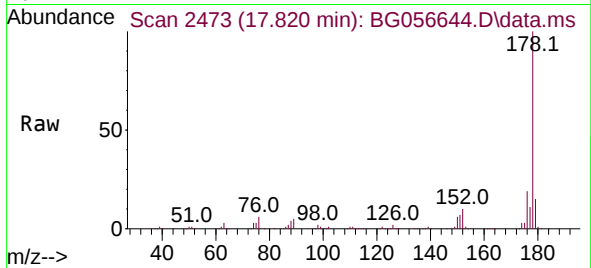
Tgt Ion:266 Resp: 86263
 Ion Ratio Lower Upper
 266 100
 268 63.7 46.7 70.1
 264 59.9 51.8 77.6





#71
Phenanthrene
Concen: 41.951 ng
RT: 17.820 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

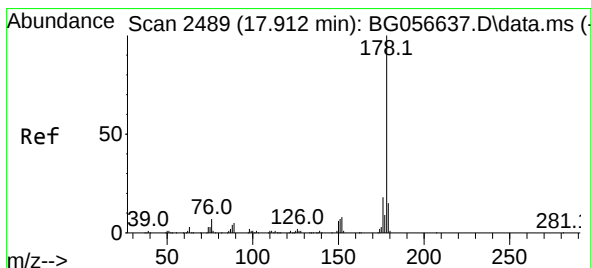
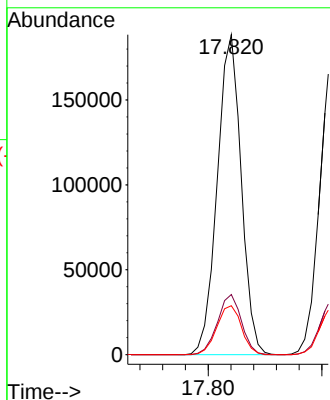
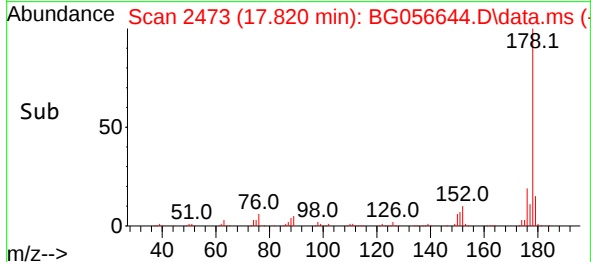
Instrument :
BNA_G
ClientSampleId :
PB150774BS



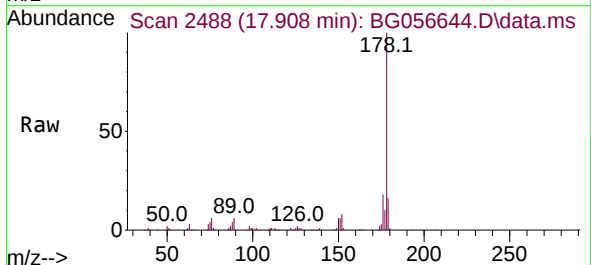
Tgt Ion:178 Resp: 275096
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.2 18.4

Manual Integrations
APPROVED

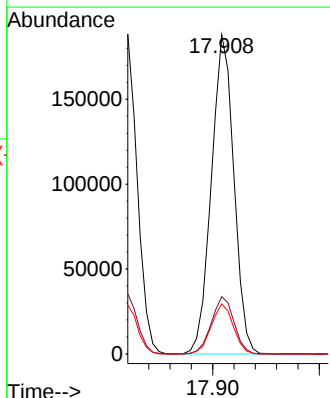
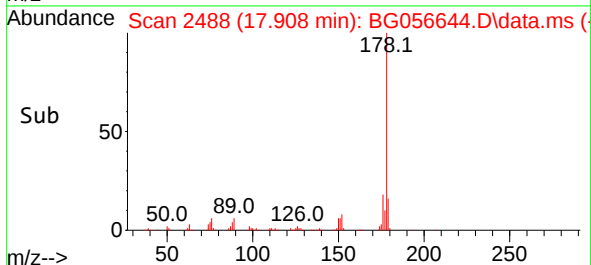
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

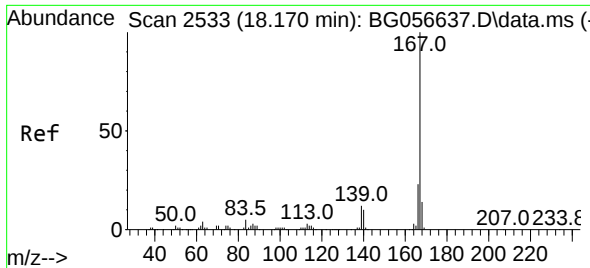


#72
Anthracene
Concen: 41.115 ng
RT: 17.908 min Scan# 2488
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:178 Resp: 275875
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.7 12.2 18.4





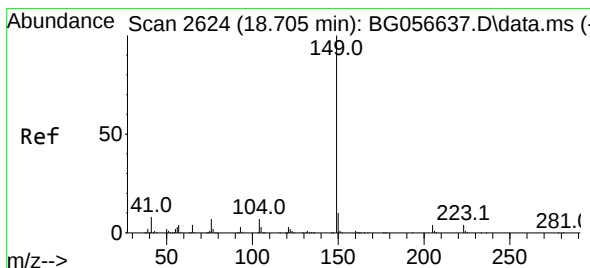
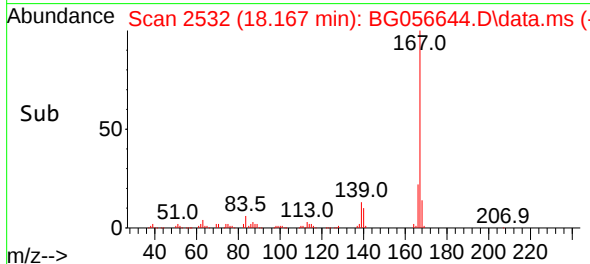
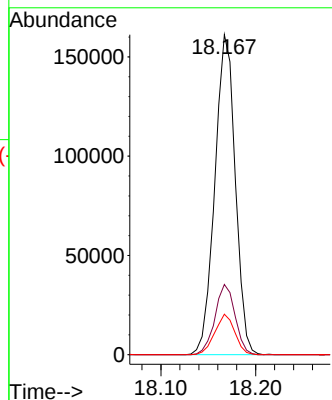
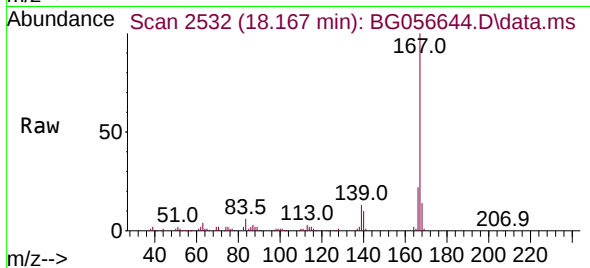
#73
Carbazole
Concen: 41.755 ng
RT: 18.167 min Scan# 2533
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Tgt Ion:167 Resp: 241519
Ion Ratio Lower Upper
167 100
166 21.9 18.1 27.1
139 12.6 9.4 14.0

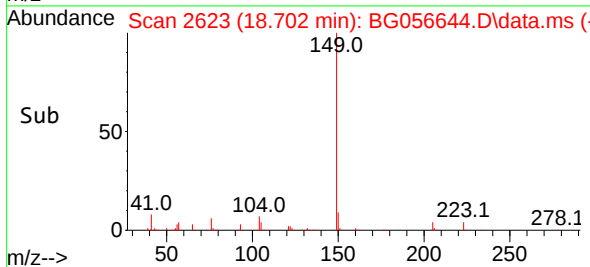
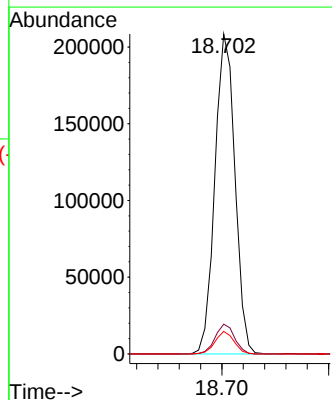
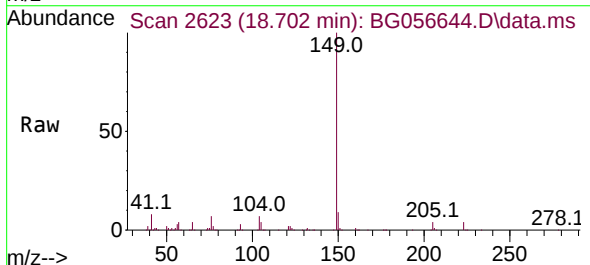
Manual Integrations
APPROVED

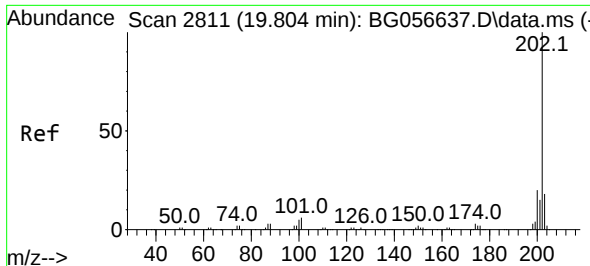
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#74
Di-n-butylphthalate
Concen: 42.099 ng
RT: 18.702 min Scan# 2623
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:149 Resp: 272508
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 7.0 5.4 8.0





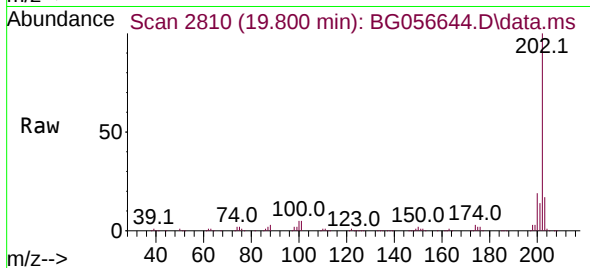
#75
Fluoranthene
Concen: 40.344 ng
RT: 19.800 min Scan# 2811
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

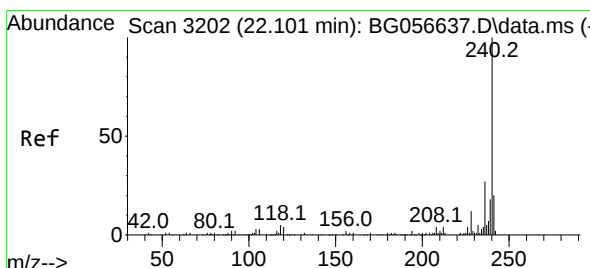
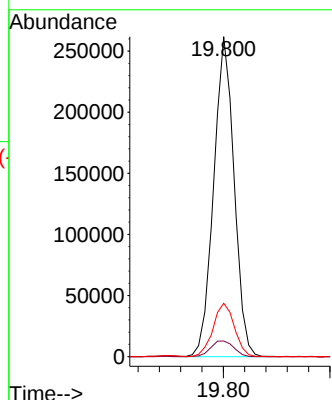
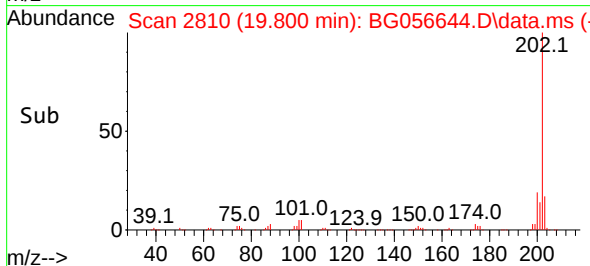


Tgt Ion:202 Resp: 349072
Ion Ratio Lower Upper
202 100
101 4.9 0.0 25.8
203 16.7 0.0 37.6

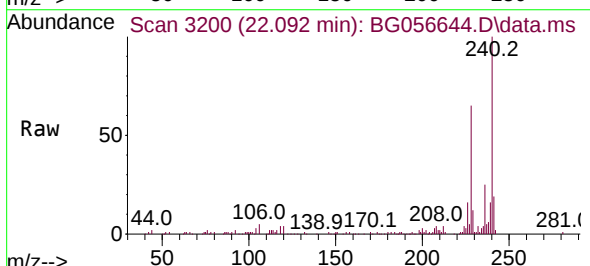
Manual Integrations

APPROVED

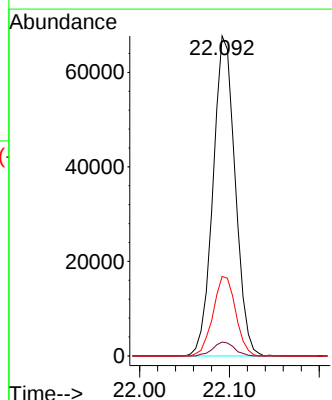
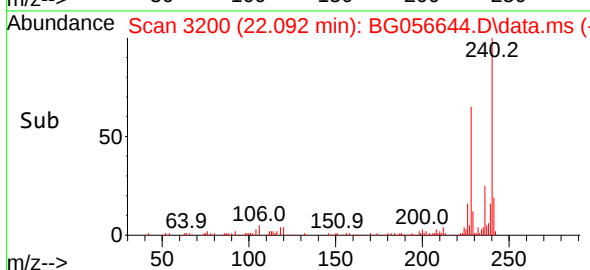
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

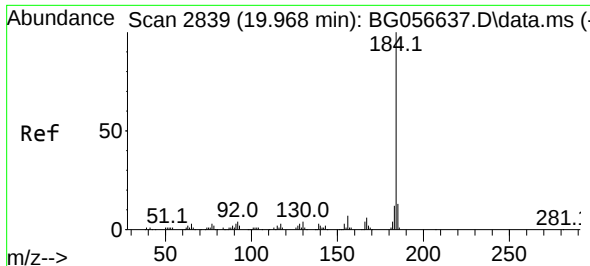


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.092 min Scan# 3200
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



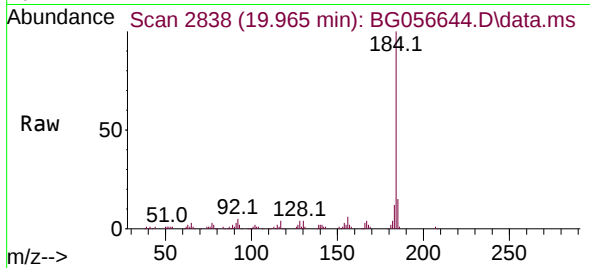
Tgt Ion:240 Resp: 116270
Ion Ratio Lower Upper
240 100
120 4.3 3.5 5.3
236 24.8 21.5 32.3





#77
Benzidine
Concen: 44.816 ng
RT: 19.965 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

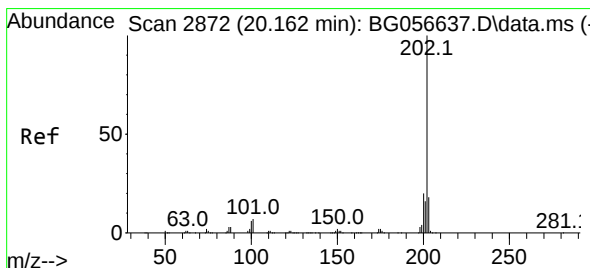
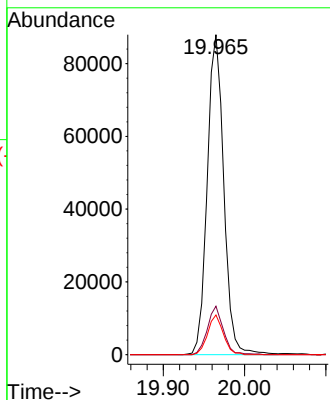
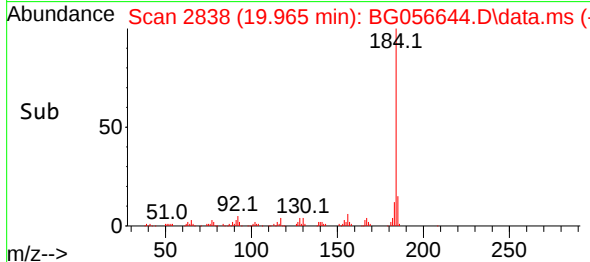
Instrument :
BNA_G
ClientSampleId :
PB150774BS



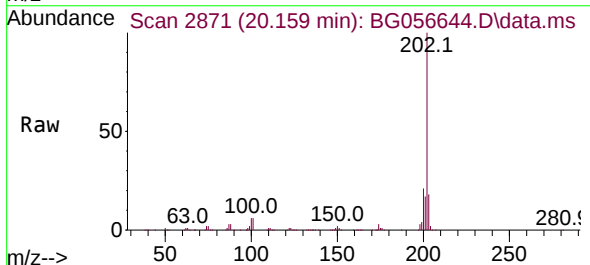
Tgt Ion:184 Resp: 124630
Ion Ratio Lower Upper
184 100
185 15.1 10.6 15.8
183 12.4 9.4 14.0

Manual Integrations
APPROVED

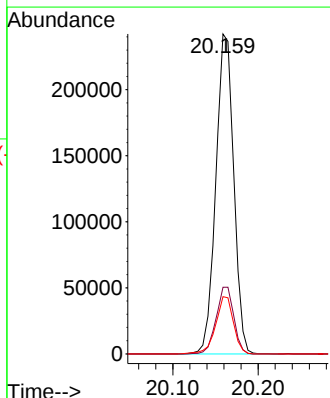
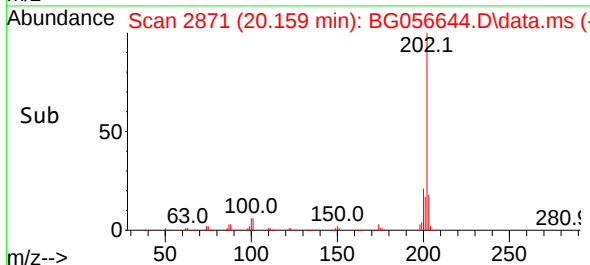
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

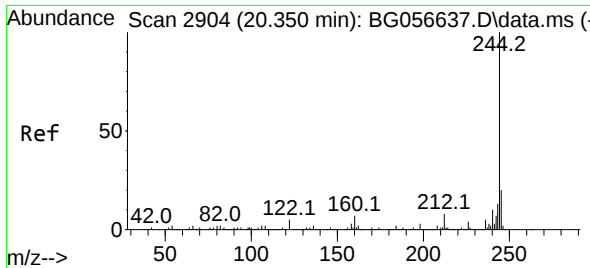


#78
Pyrene
Concen: 40.223 ng
RT: 20.159 min Scan# 2871
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



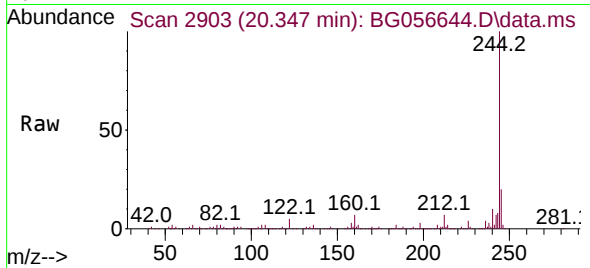
Tgt Ion:202 Resp: 353195
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 86.892 ng
 RT: 20.347 min Scan# 2904
 Delta R.T. -0.003 min
 Lab File: BG056644.D
 Acq: 15 Feb 2023 22:41

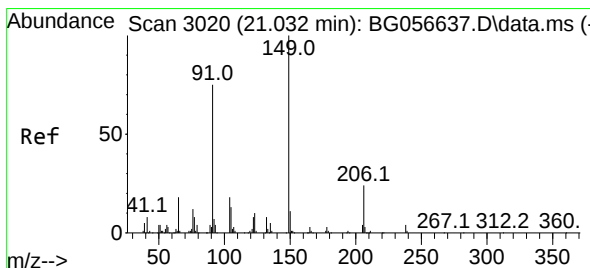
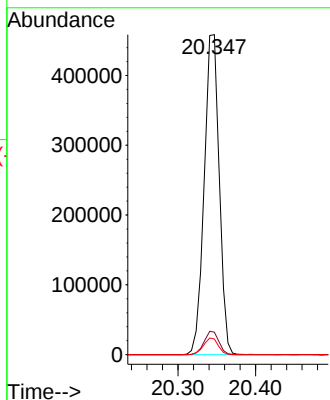
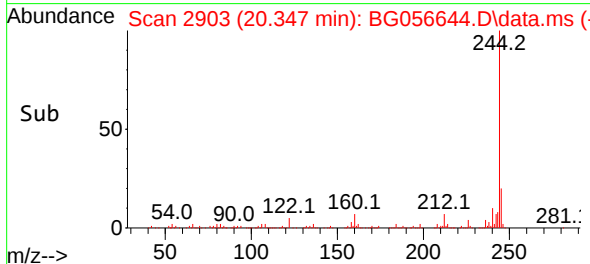
Instrument :
 BNA_G
 ClientSampleId :
 PB150774BS



Tgt Ion:244 Resp: 617496
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 4.9 3.8 5.8

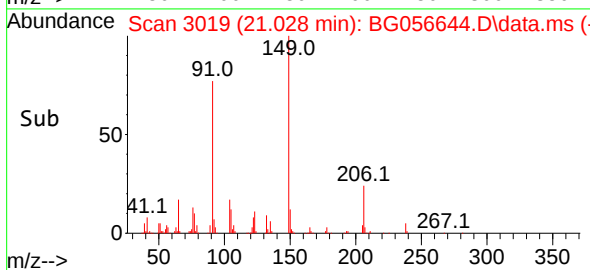
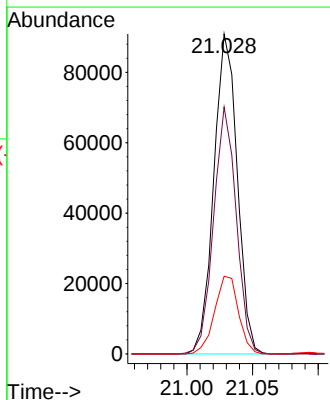
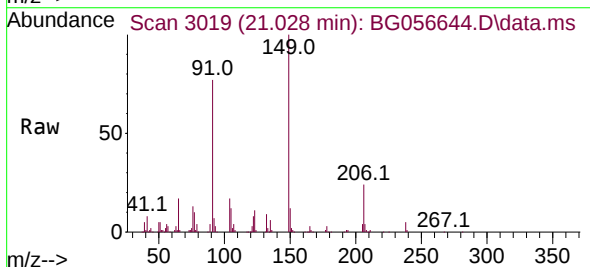
Manual Integrations
 APPROVED

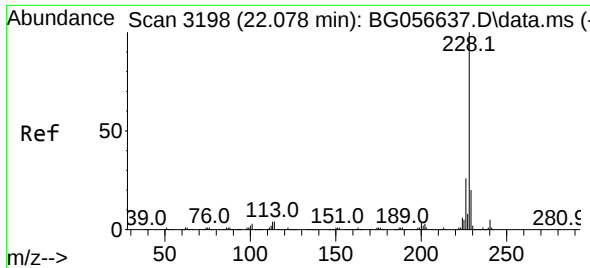
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#80
 Butylbenzylphthalate
 Concen: 42.918 ng
 RT: 21.028 min Scan# 3019
 Delta R.T. -0.003 min
 Lab File: BG056644.D
 Acq: 15 Feb 2023 22:41

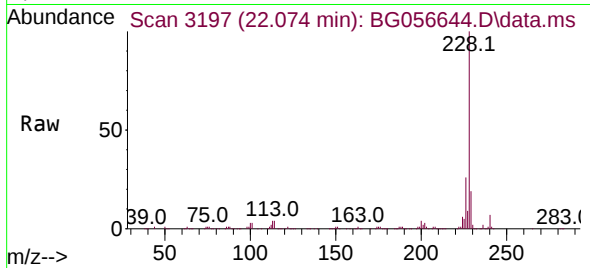
Tgt Ion:149 Resp: 113168
 Ion Ratio Lower Upper
 149 100
 91 77.1 60.3 90.5
 206 24.3 19.0 28.6





#81
Benzo(a)anthracene
Concen: 40.776 ng
RT: 22.074 min Scan# 3197
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

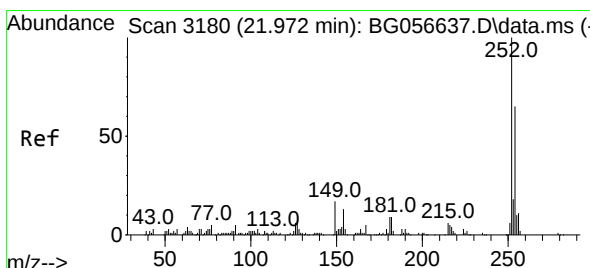
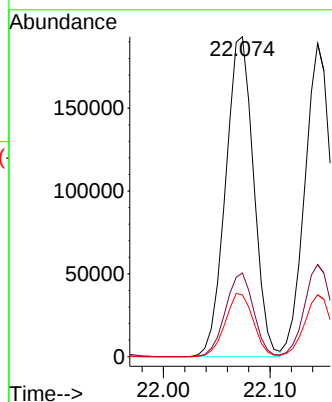
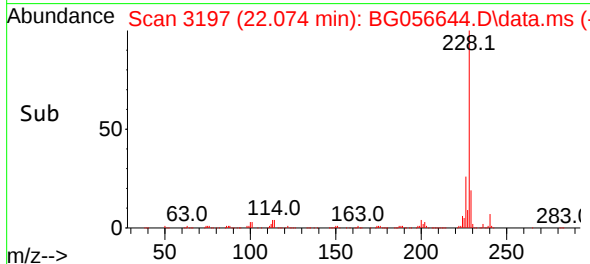
Instrument :
BNA_G
ClientSampleId :
PB150774BS



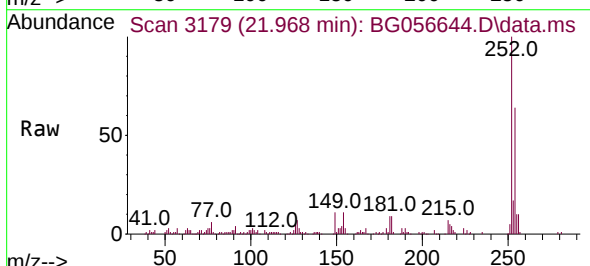
Tgt Ion:228 Resp: 352573
Ion Ratio Lower Upper
228 100
226 26.1 20.4 30.6
229 19.3 16.0 24.0

Manual Integrations
APPROVED

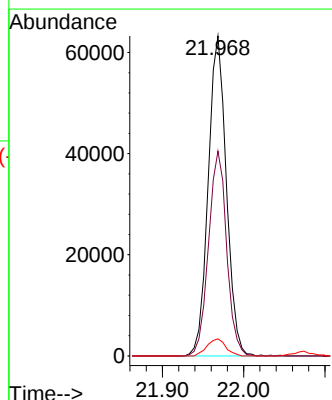
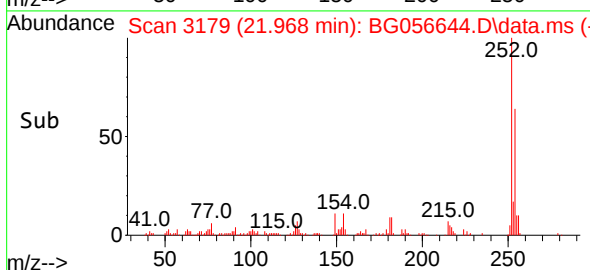
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

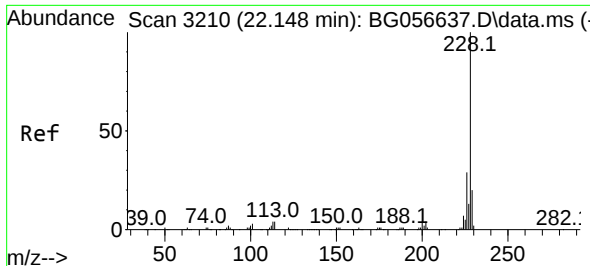


#82
3,3'-Dichlorobenzidine
Concen: 35.049 ng
RT: 21.968 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



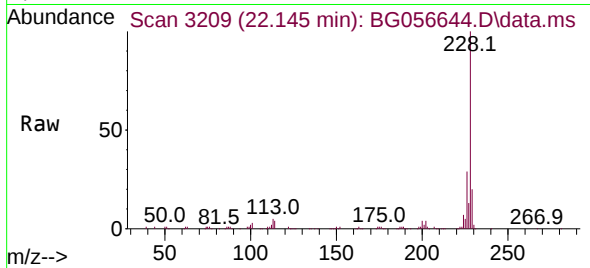
Tgt Ion:252 Resp: 98326
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.2
126 5.3 4.9 7.3





#83
Chrysene
Concen: 39.915 ng
RT: 22.145 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

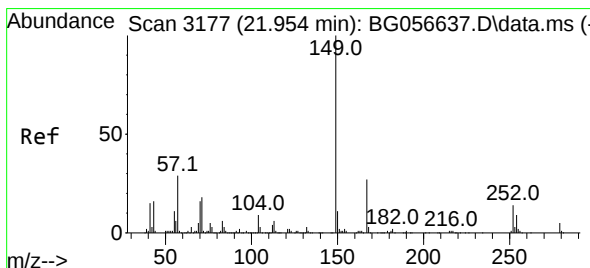
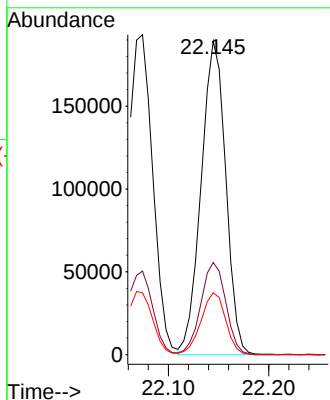
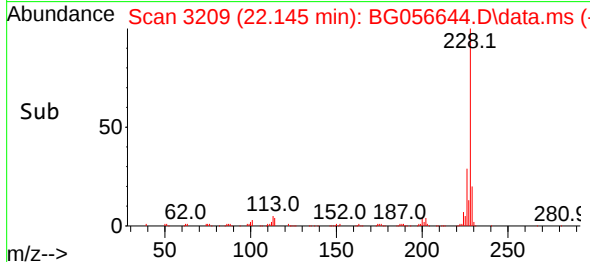
Instrument :
BNA_G
ClientSampleId :
PB150774BS



Tgt Ion:228 Resp: 322645
Ion Ratio Lower Upper
228 100
226 29.4 23.0 34.6
229 19.7 15.8 23.8

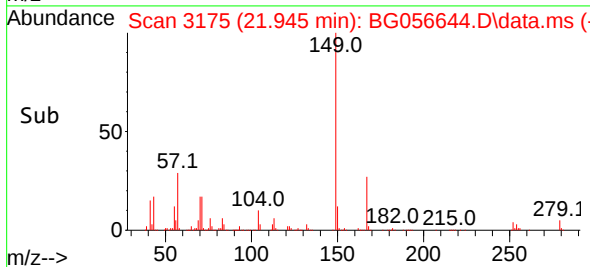
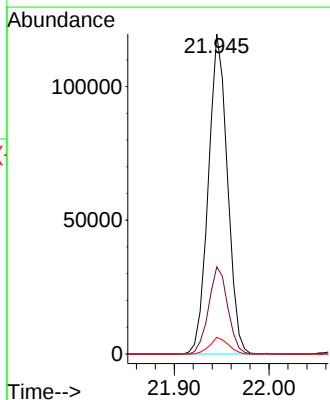
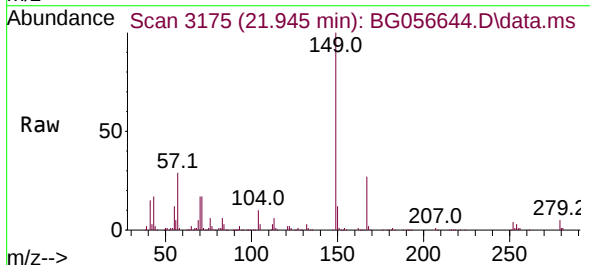
Manual Integrations
APPROVED

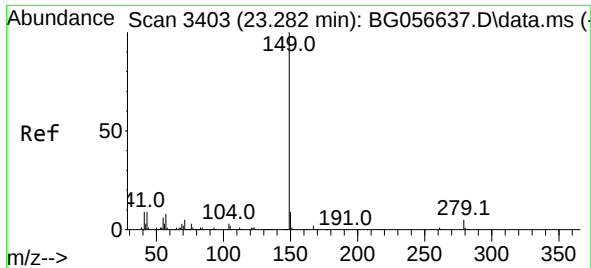
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.307 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Tgt Ion:149 Resp: 167165
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 5.2 4.1 6.1





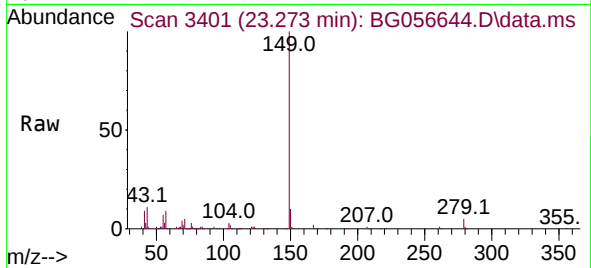
#85
Di-n-octyl phthalate
Concen: 43.392 ng
RT: 23.273 min Scan# 3401
Delta R.T. -0.009 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

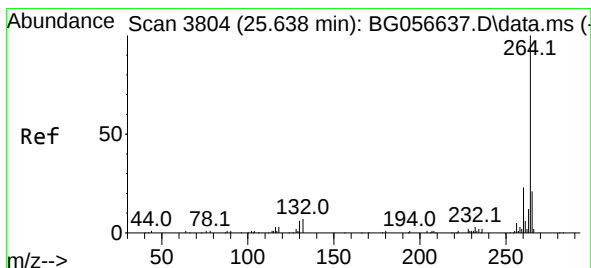
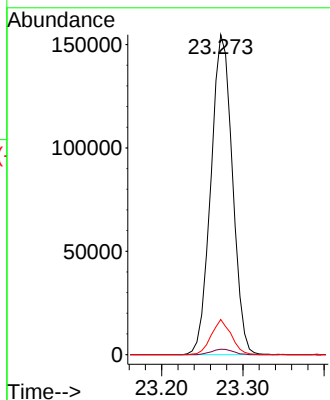
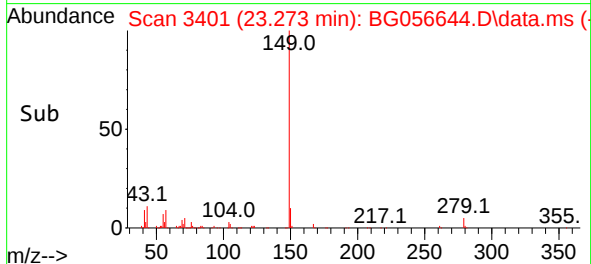


Tgt Ion:149 Resp: 284970
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 7.8 11.6

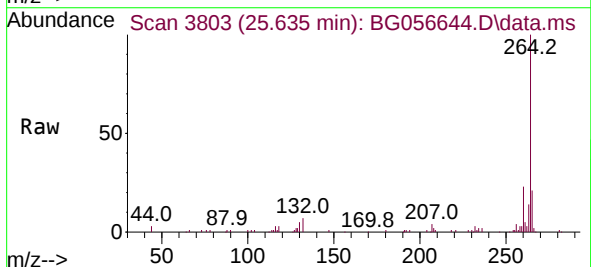
Manual Integrations

APPROVED

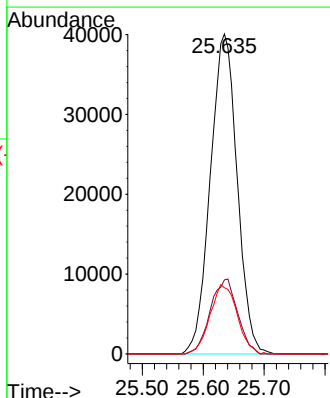
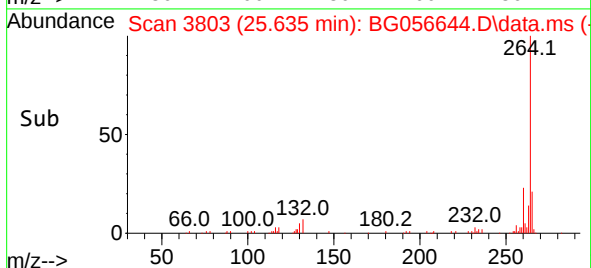
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

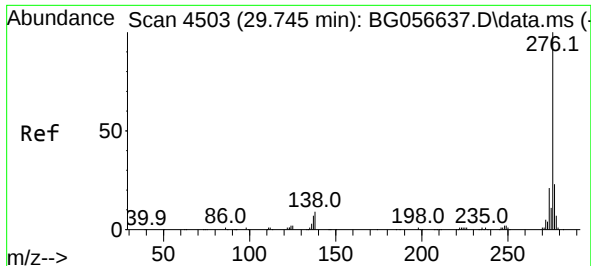


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.635 min Scan# 3803
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:264 Resp: 122491
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 20.7 17.0 25.4





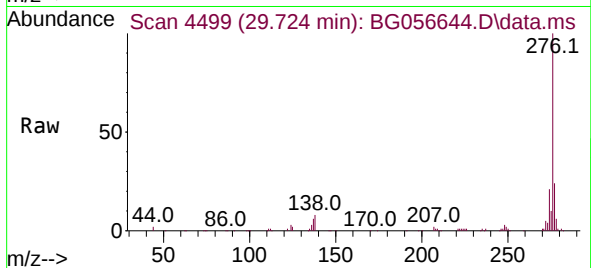
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.553 ng
RT: 29.724 min Scan# 4499
Delta R.T. -0.021 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

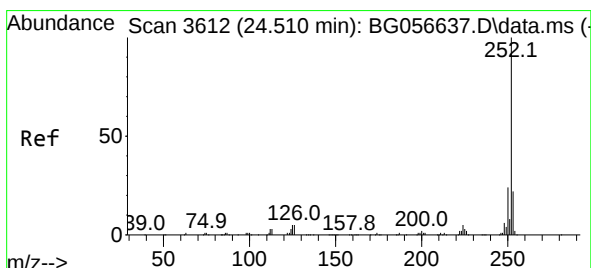
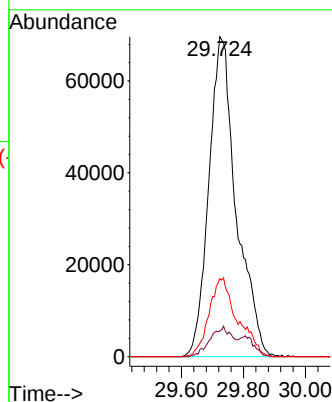
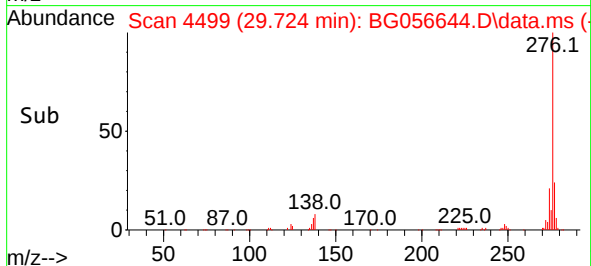


Tgt Ion:276 Resp: 427404
Ion Ratio Lower Upper
276 100
138 7.5 3.8 5.8
277 25.5 20.3 30.5

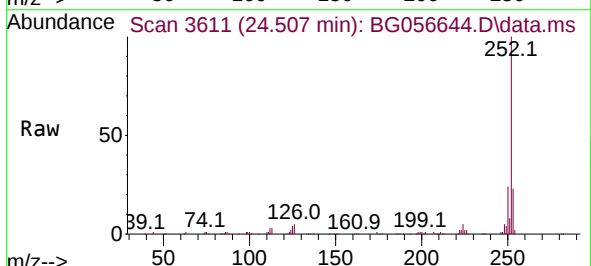
Manual Integrations

APPROVED

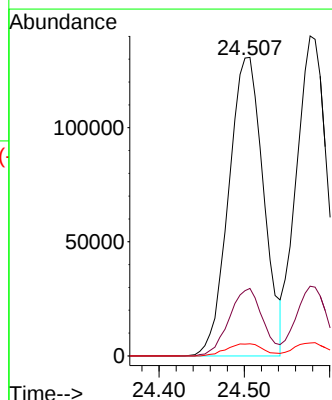
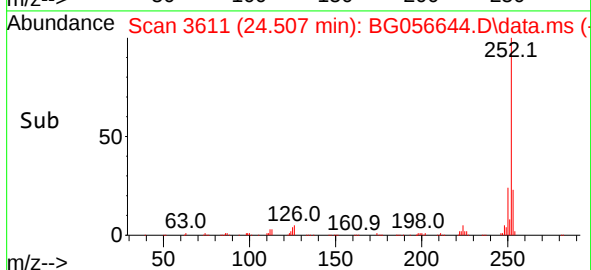
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

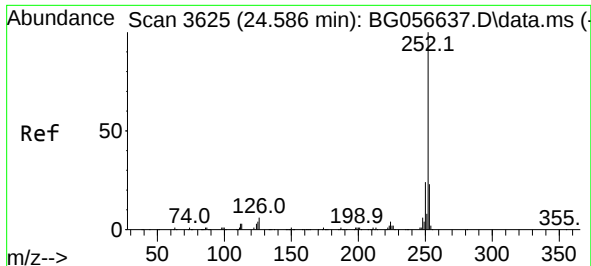


#88
Benzo(b)fluoranthene
Concen: 46.408 ng
RT: 24.507 min Scan# 3611
Delta R.T. -0.003 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:252 Resp: 371379
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 4.1 3.7 5.5





#89

Benzo(k)fluoranthene

Concen: 44.850 ng

RT: 24.577 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

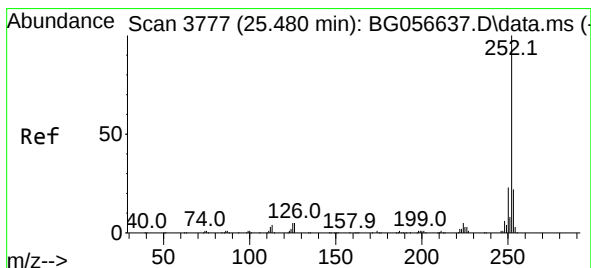
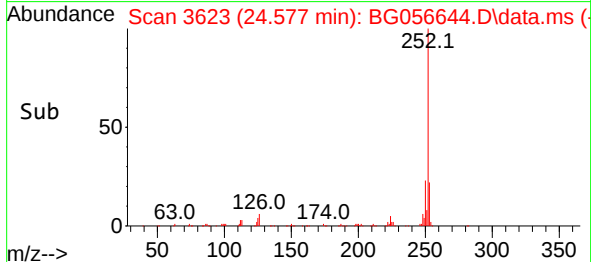
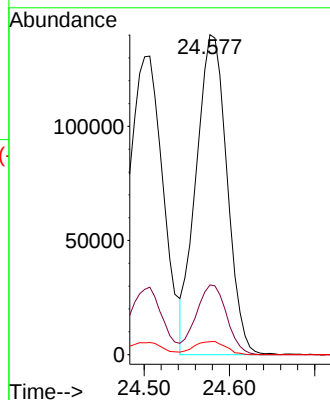
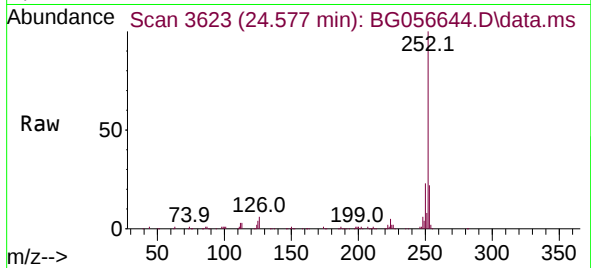
Tgt Ion:252 Resp: 352944

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	4.1	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: 41.424 ng

RT: 25.470 min Scan# 3775

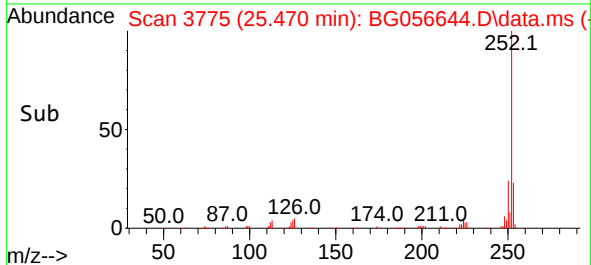
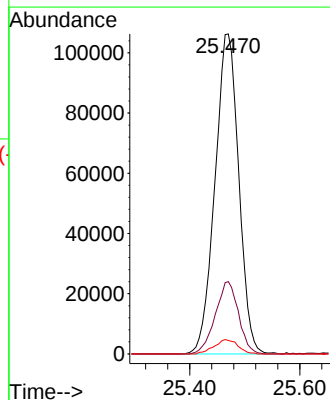
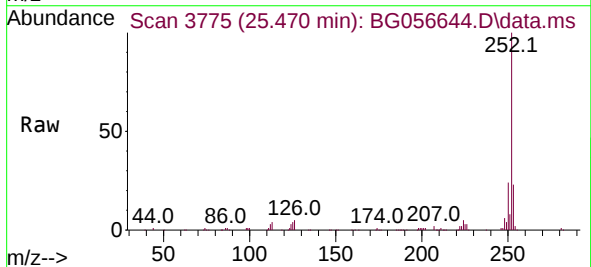
Delta R.T. -0.009 min

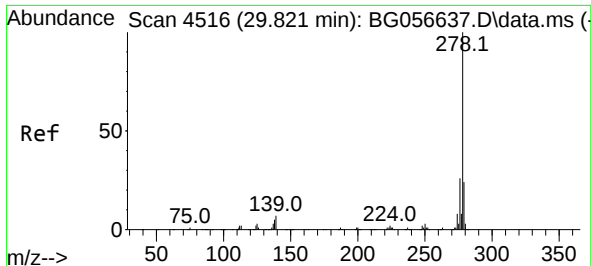
Lab File: BG056644.D

Acq: 15 Feb 2023 22:41

Tgt Ion:252 Resp: 318643

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	4.2	4.0	6.0





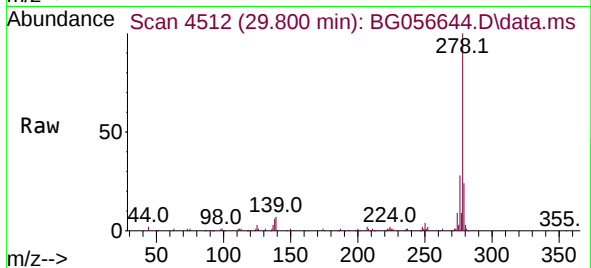
#91
Dibenzo(a,h)anthracene
Concen: 45.399 ng
RT: 29.800 min Scan# 4516
Delta R.T. -0.021 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41

Instrument :

BNA_G

ClientSampleId :

PB150774BS

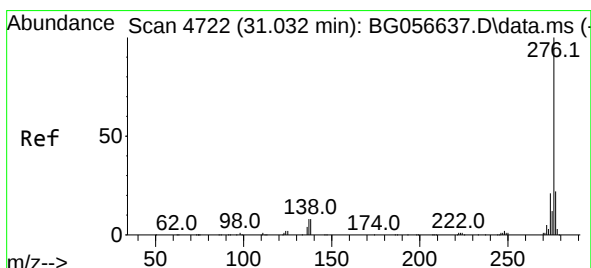
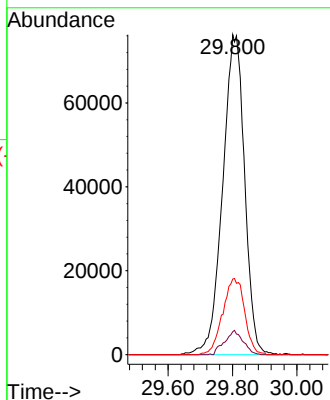
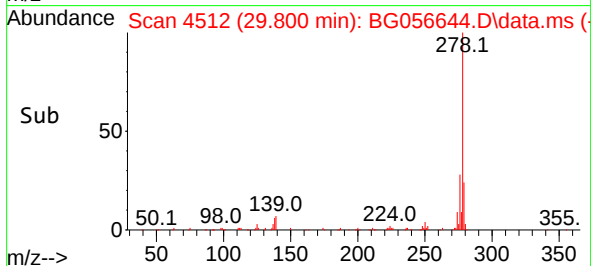


Tgt Ion:278 Resp: 360706
Ion Ratio Lower Upper
278 100
139 7.2 5.8 8.8
279 23.6 19.6 29.4

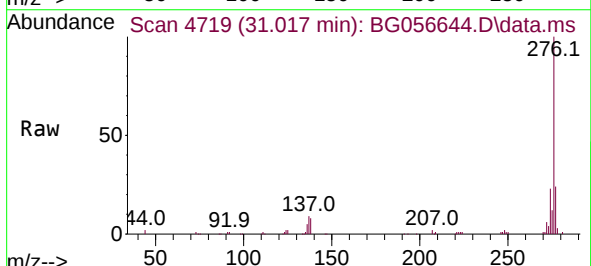
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.699 ng
RT: 31.017 min Scan# 4719
Delta R.T. -0.015 min
Lab File: BG056644.D
Acq: 15 Feb 2023 22:41



Tgt Ion:276 Resp: 347024
Ion Ratio Lower Upper
276 100
277 23.5 17.5 26.3
138 7.8 6.4 9.6

