

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056484.D
 Acq On : 31 Jan 2023 13:48
 Operator : CG/JU
 Sample : PB150355BS
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:18:52 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 01:15:52 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	31747	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	127106	20.000	ng	0.00
39) Acenaphthene-d10	14.901	164	107987	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	279117	20.000	ng	0.00
76) Chrysene-d12	21.928	240	269809	20.000	ng	0.00
86) Perylene-d12	25.353	264	297877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	267433	154.964	ng	0.00
7) Phenol-d6	7.421	99	371719	145.371	ng	0.00
23) Nitrobenzene-d5	9.454	82	192159	85.848	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	190865	132.949	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	660446	84.793	ng	0.00
79) Terphenyl-d14	20.212	244	1354345	88.163	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	24493	34.084	ng	# 96
3) Pyridine	4.013	79	71146	33.213	ng	97
4) n-Nitrosodimethylamine	3.925	42	18376	40.339	ng	97
6) Aniline	7.586	93	127449	38.069	ng	99
8) 2-Chlorophenol	7.838	128	89759	47.345	ng	99
9) Benzaldehyde	7.398	77	34836	27.012	ng	98
10) Phenol	7.451	94	124766	48.007	ng	97
11) bis(2-Chloroethyl)ether	7.680	93	78977	44.211	ng	97
12) 1,3-Dichlorobenzene	8.162	146	97624	44.724	ng	99
13) 1,4-Dichlorobenzene	8.314	146	98463	44.542	ng	99
14) 1,2-Dichlorobenzene	8.637	146	96186	44.847	ng	98
15) Benzyl Alcohol	8.508	79	77569	44.214	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.796	45	16048	42.399	ng	94
17) 2-Methylphenol	8.714	107	86309	43.653	ng	92
18) Hexachloroethane	9.372	117	29384	43.948	ng	89
19) n-Nitroso-di-n-propyla...	9.078	70	60745	41.223	ng	99
20) 3+4-Methylphenols	9.043	107	119948	43.290	ng	96
22) Acetophenone	9.102	105	142821	42.290	ng	97
24) Nitrobenzene	9.495	77	92470	42.829	ng	99
25) Isophorone	10.018	82	186451	40.376	ng	99
26) 2-Nitrophenol	10.212	139	56135	42.852	ng	96
27) 2,4-Dimethylphenol	10.259	122	100676m	45.922	ng	
28) bis(2-Chloroethoxy)met...	10.488	93	109891	43.077	ng	98
29) 2,4-Dichlorophenol	10.753	162	114324	46.327	ng	95
30) 1,2,4-Trichlorobenzene	10.970	180	120787	44.046	ng	100
31) Naphthalene	11.164	128	283811	42.305	ng	99
32) Benzoic acid	10.406	122	48070m	39.191	ng	
33) 4-Chloroaniline	11.264	127	103444	33.033	ng	99
34) Hexachlorobutadiene	11.434	225	85152	44.237	ng	94
35) Caprolactam	12.033	113	35261m	42.367	ng	
36) 4-Chloro-3-methylphenol	12.368	107	107537	45.123	ng	97
37) 2-Methylnaphthalene	12.744	142	226033	40.868	ng	98
38) 1-Methylnaphthalene	12.962	142	209723	40.602	ng	97
40) 1,2,4,5-Tetrachloroben...	13.109	216	166039	42.087	ng	100
41) Hexachlorocyclopentadiene	13.079	237	187998	89.106	ng	99
43) 2,4,6-Trichlorophenol	13.344	196	110429	43.436	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	118963	39.966	ng	98
46) 1,1'-Biphenyl	13.737	154	329238	42.035	ng	99
47) 2-Chloronaphthalene	13.784	162	266022	43.452	ng	99
48) 2-Nitroaniline	13.984	65	52928	41.820	ng	99
49) Acenaphthylene	14.625	152	419193	42.085	ng	100
50) Dimethylphthalate	14.337	163	361204	41.345	ng	98
51) 2,6-Dinitrotoluene	14.466	165	80181	42.085	ng	99
52) Acenaphthene	14.965	154	245571	41.575	ng	98
53) 3-Nitroaniline	14.801	138	58316	31.572	ng	99
54) 2,4-Dinitrophenol	15.012	184	108930	91.199	ng	97
55) Dibenzofuran	15.294	168	444203	41.933	ng	100
56) 4-Nitrophenol	15.106	139	113536	89.959	ng	97
57) 2,4-Dinitrotoluene	15.253	165	115141	42.905	ng	97
58) Fluorene	15.941	166	356082	42.244	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.518	232	119708	45.231	ng	98
60) Diethylphthalate	15.688	149	344394	41.980	ng	100
61) 4-Chlorophenyl-phenyle...	15.917	204	218483	42.478	ng	97
62) 4-Nitroaniline	15.958	138	76886	41.600	ng	97
63) Azobenzene	16.211	77	241770	42.831	ng	96
65) 4,6-Dinitro-2-methylph...	16.017	198	79699	40.614	ng	99
66) n-Nitrosodiphenylamine	16.135	169	331419	41.938	ng	99
67) 4-Bromophenyl-phenylether	16.816	248	150213	42.039	ng	96
68) Hexachlorobenzene	16.945	284	154826	44.240	ng	98
69) Atrazine	17.069	200	137542	45.114	ng	98
70) Pentachlorophenol	17.286	266	156164	73.746	ng	97
71) Phenanthrene	17.680	178	617535	42.272	ng	99
72) Anthracene	17.774	178	632063	42.149	ng	99
73) Carbazole	18.038	167	545540	42.714	ng	98
74) Di-n-butylphthalate	18.561	149	556363	41.487	ng	99
75) Fluoranthene	19.672	202	780800	42.348	ng	100
77) Benzidine	19.836	184	333384	45.661	ng	99
78) Pyrene	20.030	202	790270	41.183	ng	100
80) Butylbenzylphthalate	20.888	149	242147	41.318	ng	98
81) Benzo(a)anthracene	21.904	228	799185	42.369	ng	99
82) 3,3'-Dichlorobenzidine	21.810	252	213044	31.364	ng	99
83) Chrysene	21.975	228	746136	42.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.763	149	349477	41.593	ng	98
85) Di-n-octyl phthalate	23.038	149	599004	42.808	ng	100
87) Indeno(1,2,3-cd)pyrene	29.296	276	954498	43.774	ng	100
88) Benzo(b)fluoranthene	24.260	252	837712	45.309	ng	99
89) Benzo(k)fluoranthene	24.331	252	830092	44.468	ng	99
90) Benzo(a)pyrene	25.189	252	742483	40.767	ng	99
91) Dibenzo(a,h)anthracene	29.354	278	800920	43.759	ng	98
92) Benzo(g,h,i)perylene	30.535	276	772299	43.730	ng	99

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

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Manual Integrations

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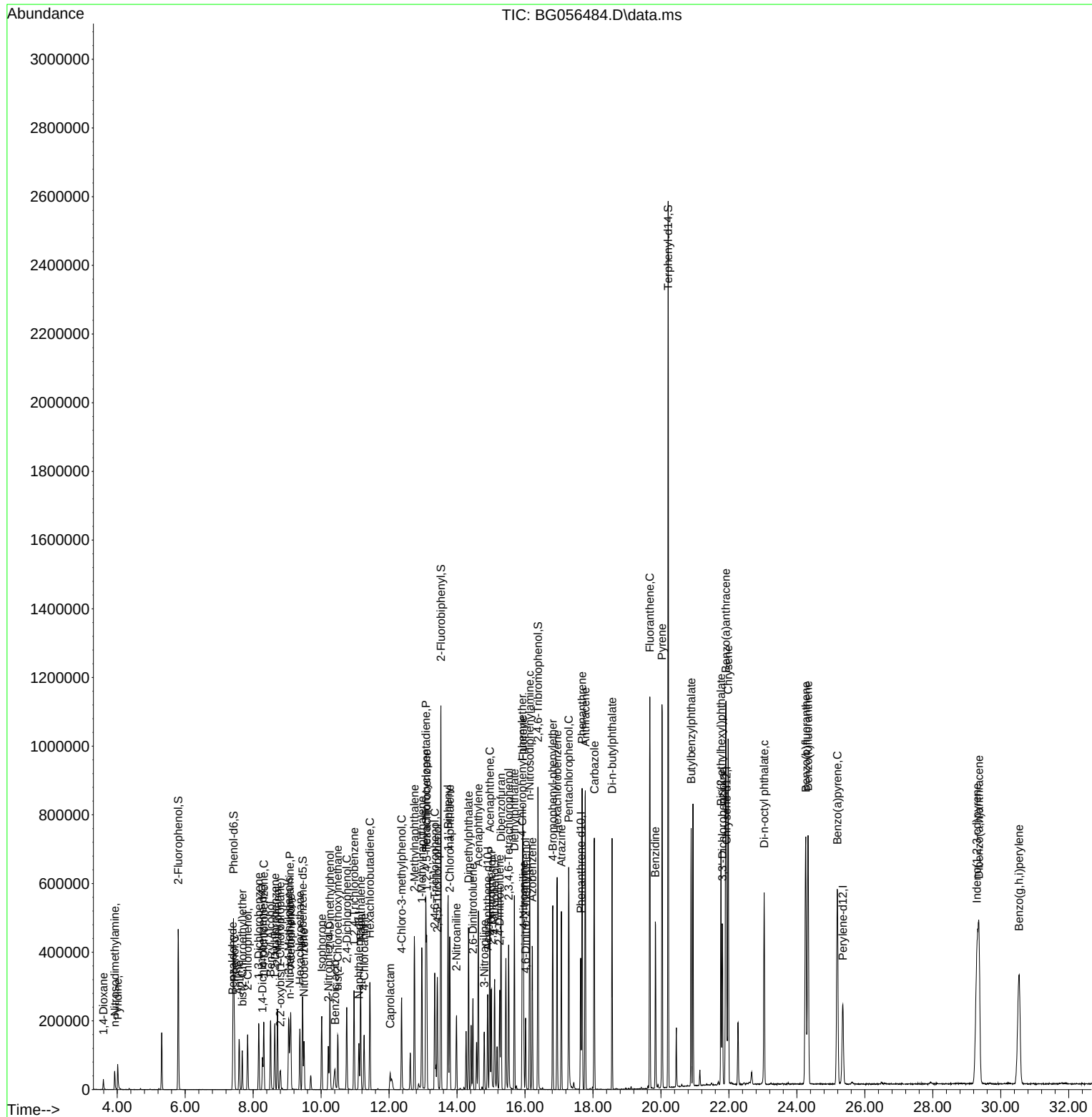
Quant Time: Feb 01 01:18:52 2023

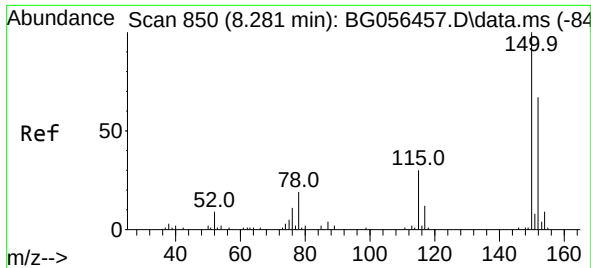
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QLast Update : Wed Feb 01 01:15:52 2023

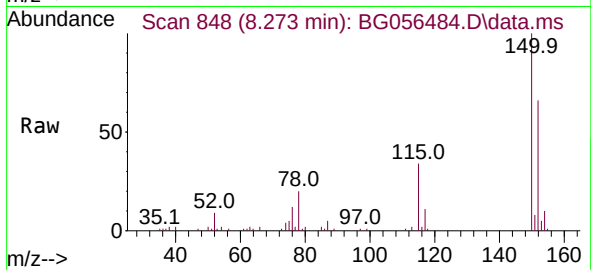
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

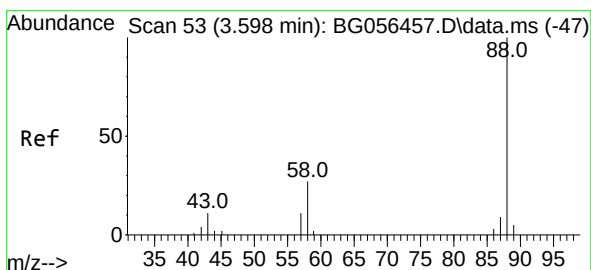
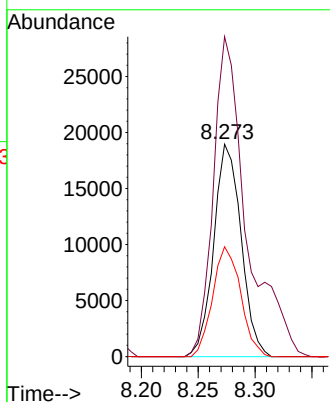
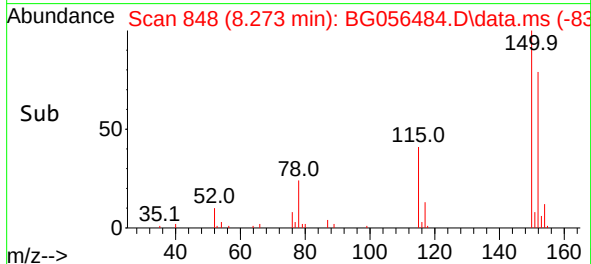
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:152 Resp: 3174
Ion Ratio Lower Upper
152 100
150 150.6 120.2 180.4
115 51.7 36.3 54.5

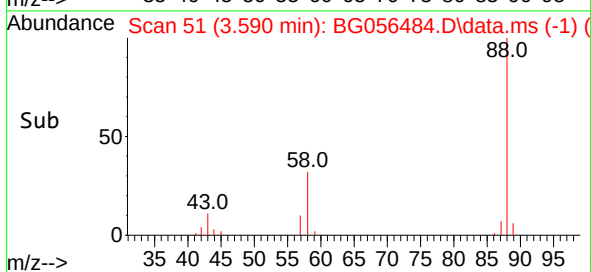
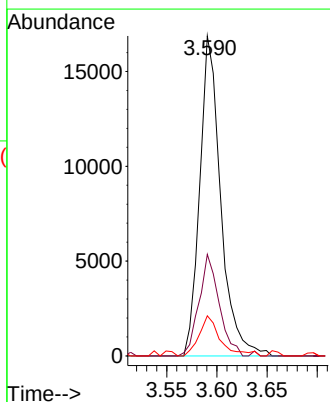
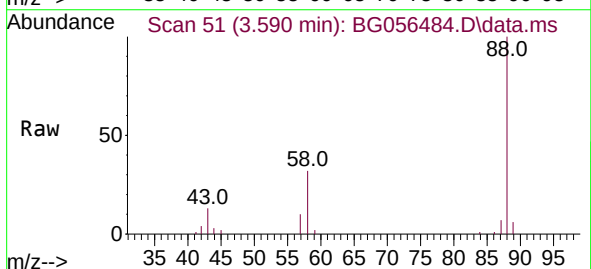
Manual Integrations
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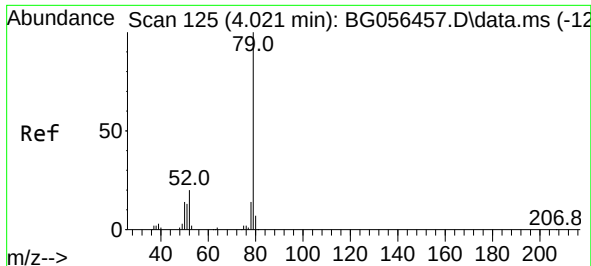
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 34.084 ng
RT: 3.590 min Scan# 51
Delta R.T. -0.008 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion: 88 Resp: 24493
Ion Ratio Lower Upper
88 100
58 30.5 23.0 34.4
43 12.6 8.0 12.0





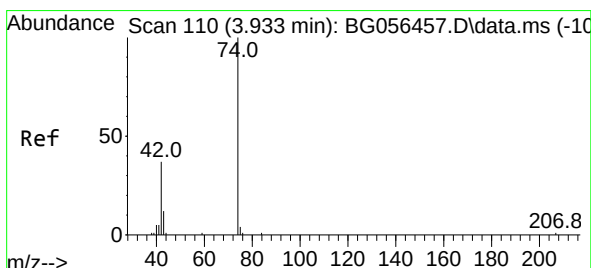
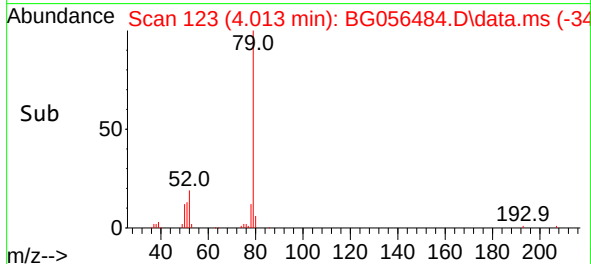
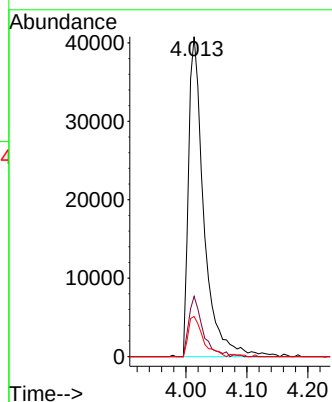
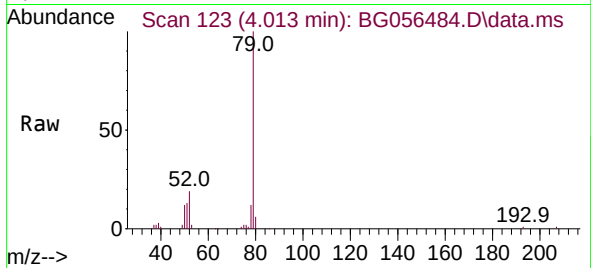
#3
Pyridine
Concen: 33.213 ng
RT: 4.013 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion: 79 Resp: 71146
Ion Ratio Lower Upper
79 100
52 18.8 16.1 24.1
51 12.5 10.7 16.1

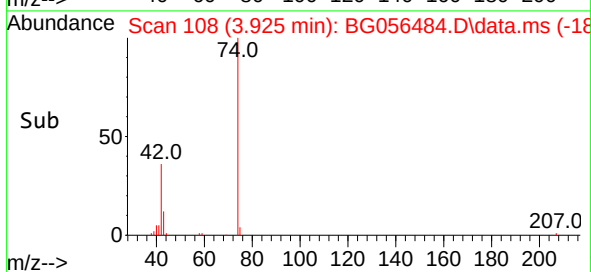
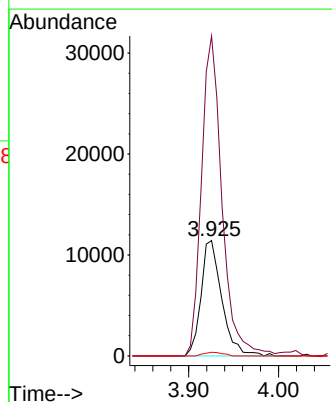
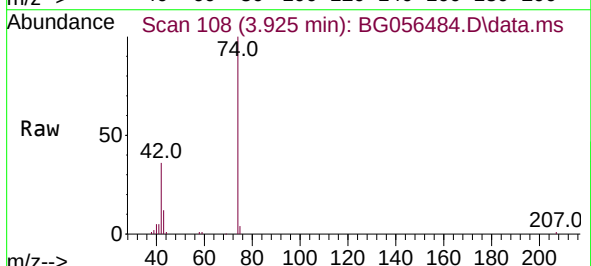
Manual Integrations
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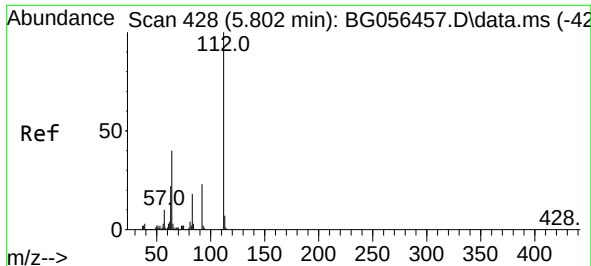
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#4
n-Nitrosodimethylamine
Concen: 40.339 ng
RT: 3.925 min Scan# 108
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion: 42 Resp: 18376
Ion Ratio Lower Upper
42 100
74 277.6 217.9 326.9
44 3.2 3.0 4.6





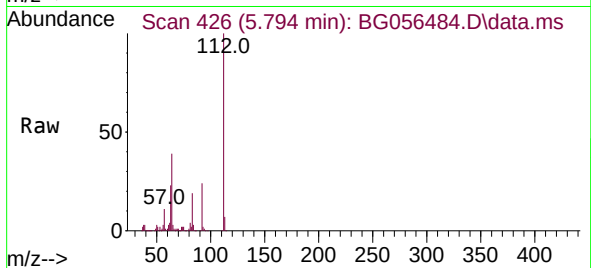
#5
2-Fluorophenol
Concen: 154.964 ng
RT: 5.794 min Scan# 428
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

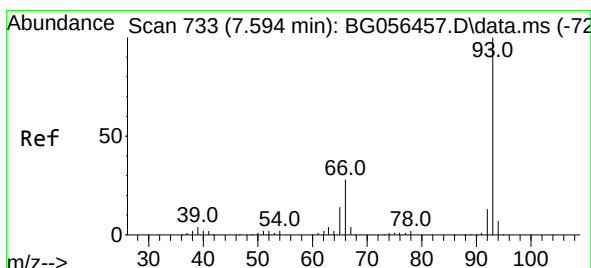
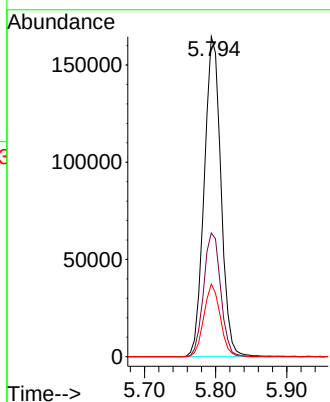
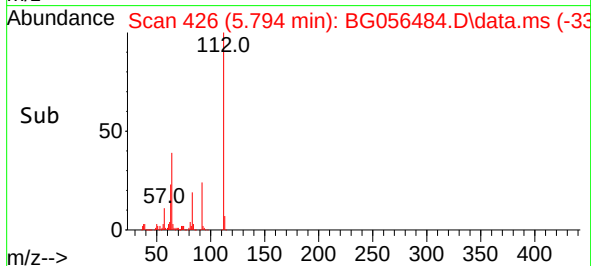


Tgt Ion: 112 Resp: 267433
Ion Ratio Lower Upper
112 100
64 38.7 31.9 47.9
63 22.7 17.4 26.0

Manual Integrations

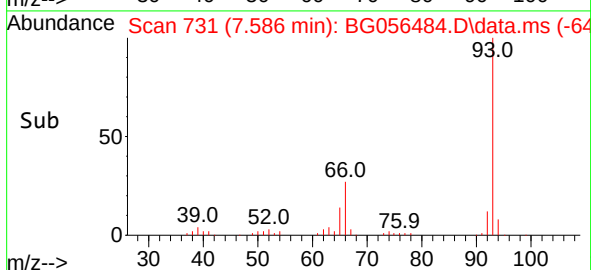
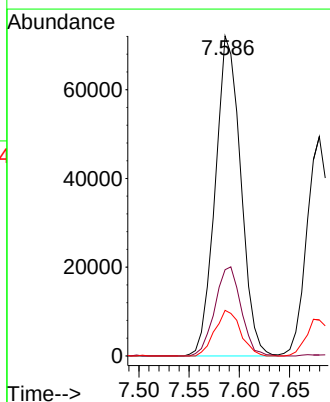
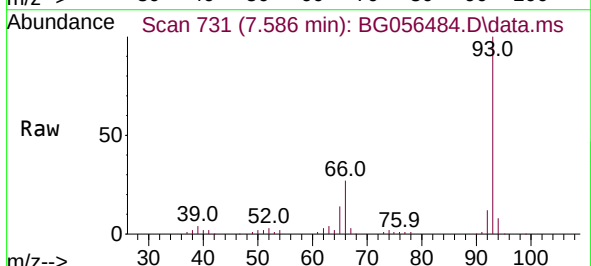
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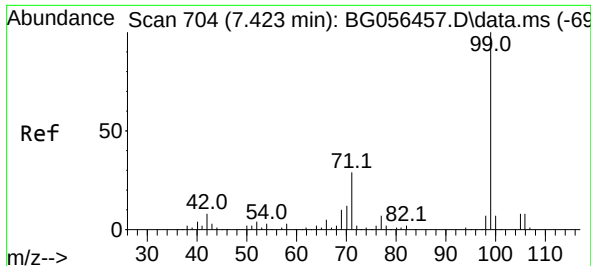
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 38.069 ng
RT: 7.586 min Scan# 731
Delta R.T. -0.002 min
Lab File: BG056484.D
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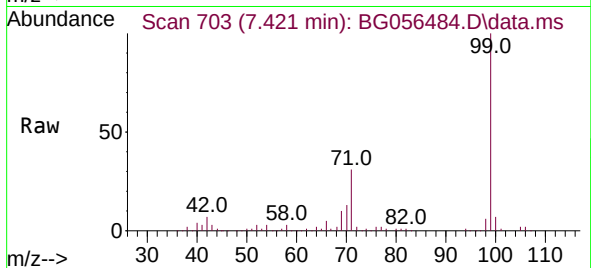
Tgt Ion: 93 Resp: 127449
Ion Ratio Lower Upper
93 100
66 26.9 22.2 33.2
65 14.2 11.3 16.9





#7
Phenol-d6
Concen: 145.371 ng
RT: 7.421 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

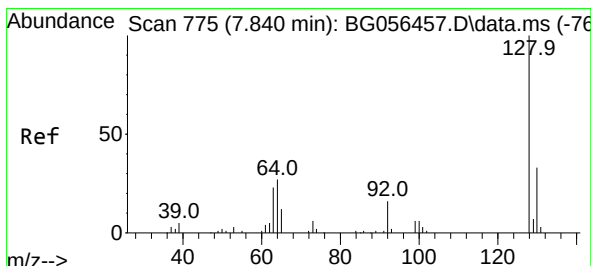
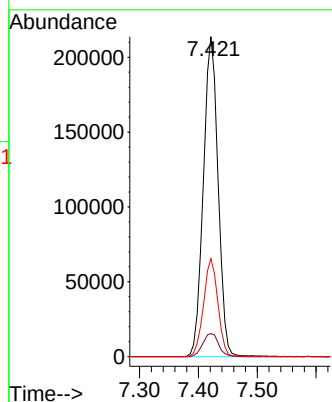
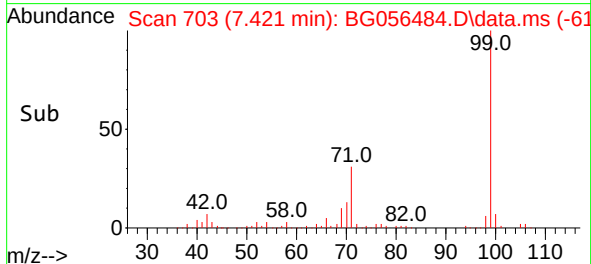
Instrument :
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Tgt Ion: 99 Resp: 371719
Ion Ratio Lower Upper
99 100
42 7.2 6.6 10.0
71 30.6 23.4 35.0

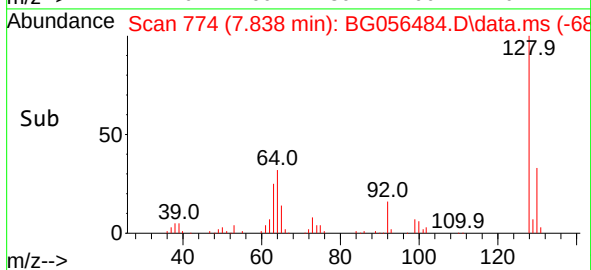
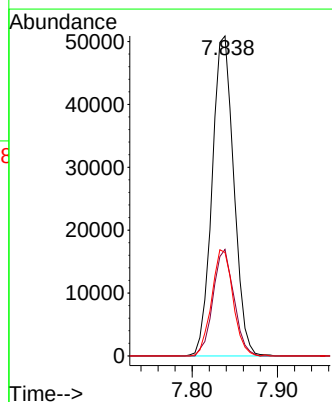
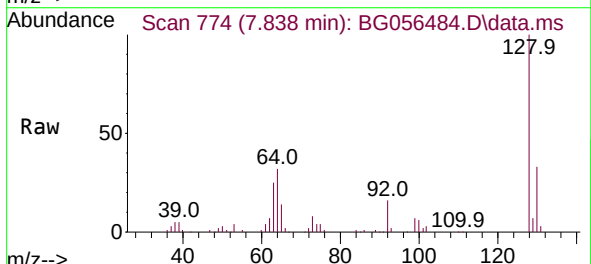
Manual Integrations
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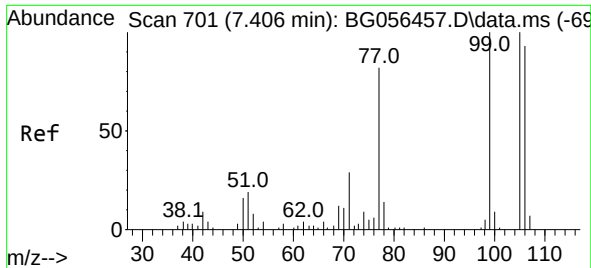
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 47.345 ng
RT: 7.838 min Scan# 774
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:128 Resp: 89759
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 32.3 11.3 51.3





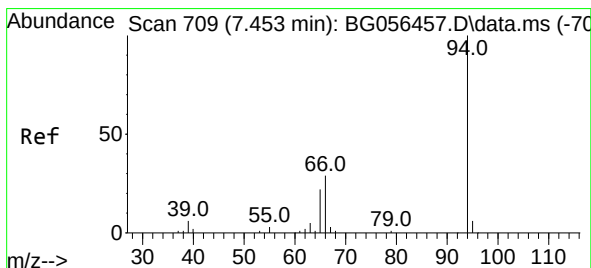
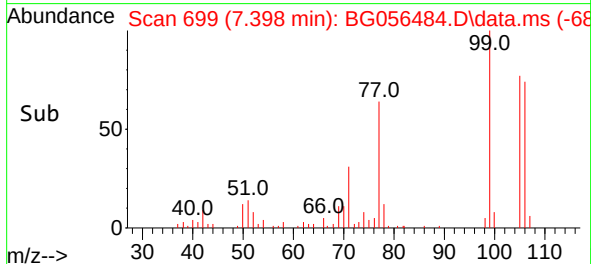
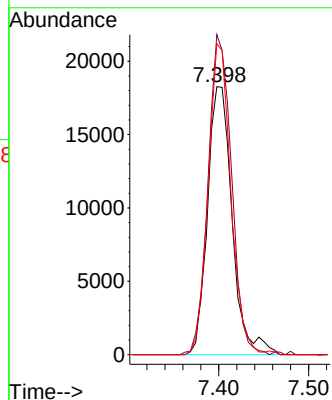
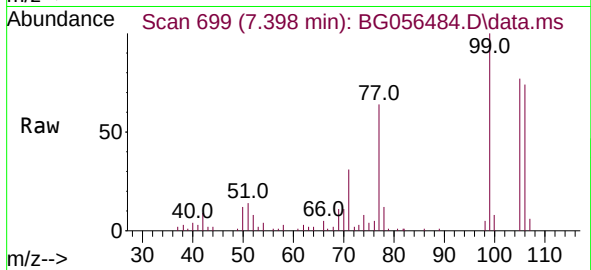
#9
Benzaldehyde
Concen: 27.012 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.002 min
Lab File: BG056484.D
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Tgt Ion: 77 Resp: 34836
Ion Ratio Lower Upper
77 100
105 119.4 101.8 141.8
106 116.0 93.0 133.0

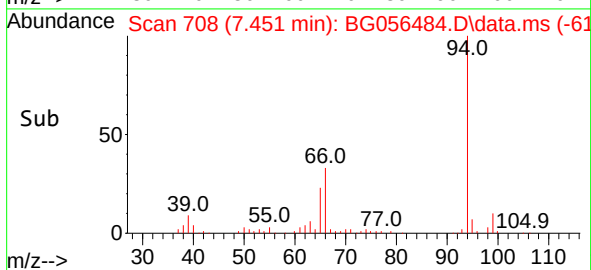
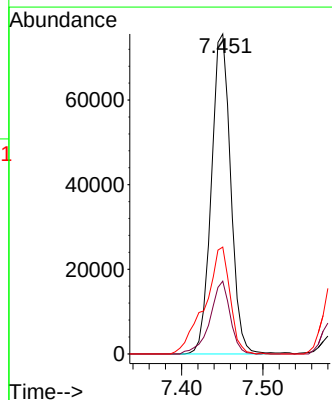
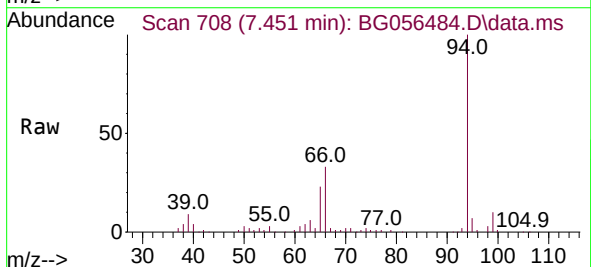
Manual Integrations
APPROVED

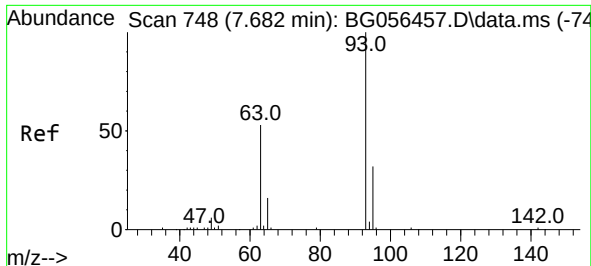
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#10
Phenol
Concen: 48.007 ng
RT: 7.451 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

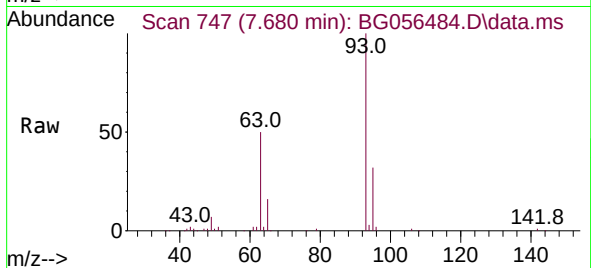
Tgt Ion: 94 Resp: 124766
Ion Ratio Lower Upper
94 100
65 22.7 2.3 42.3
66 33.4 11.2 51.2





#11
bis(2-Chloroethyl)ether
Concen: 44.211 ng
RT: 7.680 min Scan# 748
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

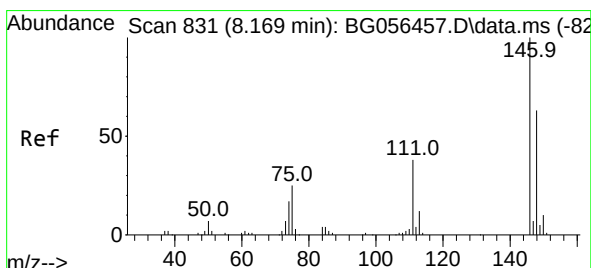
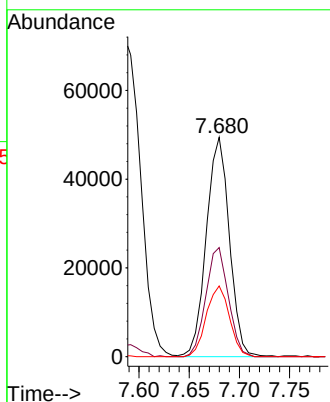
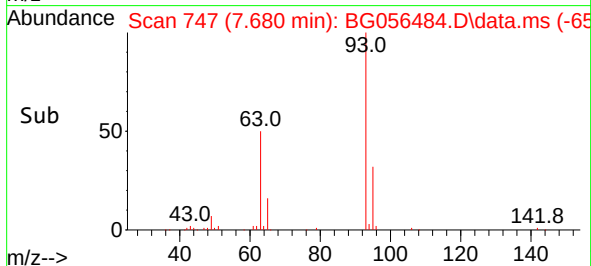
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion: 93 Resp: 7897
Ion Ratio Lower Upper
93 100
63 49.7 32.4 72.4
95 32.2 11.8 51.8

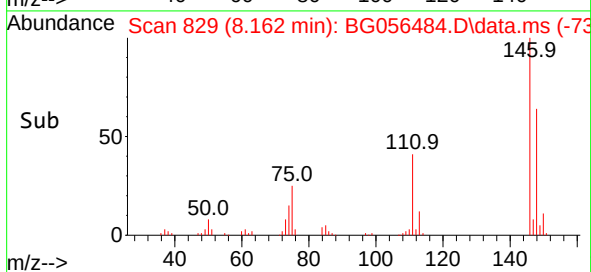
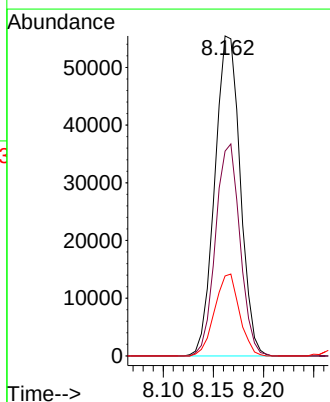
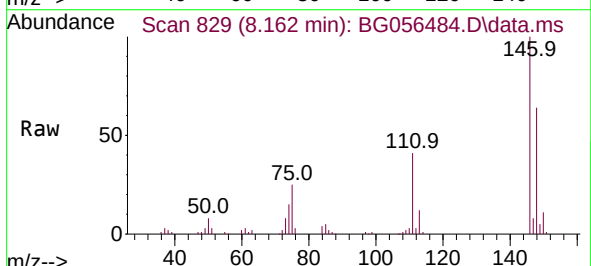
Manual Integrations
APPROVED

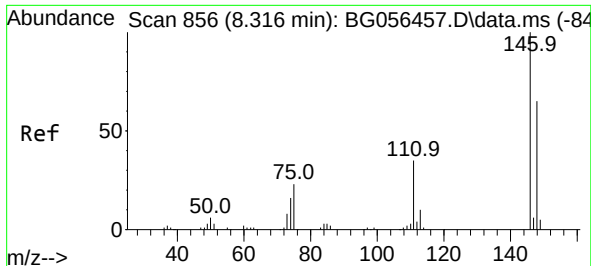
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#12
1,3-Dichlorobenzene
Concen: 44.724 ng
RT: 8.162 min Scan# 829
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

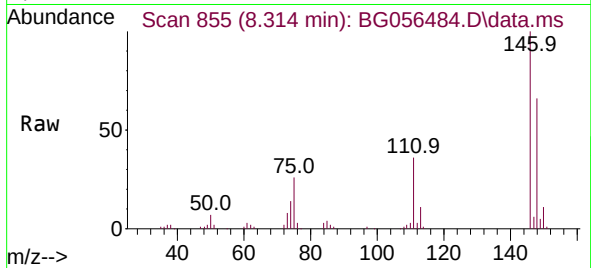
Tgt Ion:146 Resp: 97624
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 25.0 19.6 29.4





#13
1,4-Dichlorobenzene
Concen: 44.542 ng
RT: 8.314 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

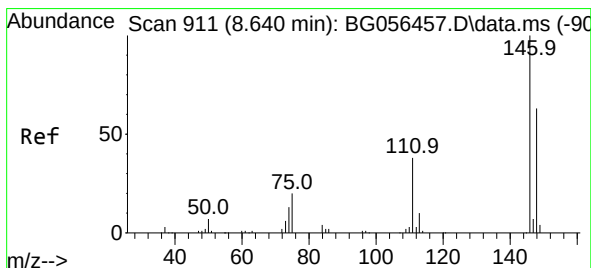
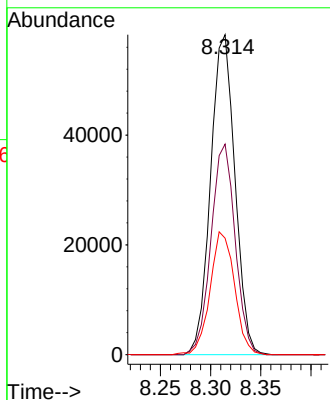
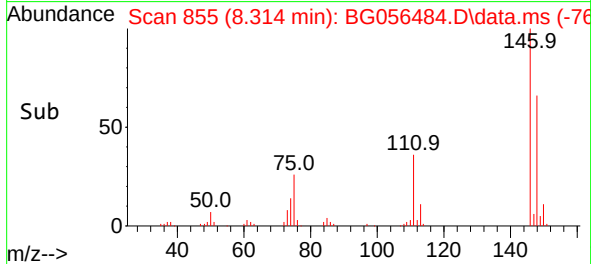
Instrument :
BNA_G
ClientSampleId :
PB150355BS



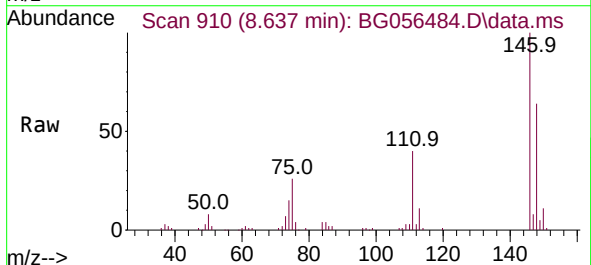
Tgt Ion:146 Resp: 98463
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.6
111 36.4 28.6 42.8

Manual Integrations
APPROVED

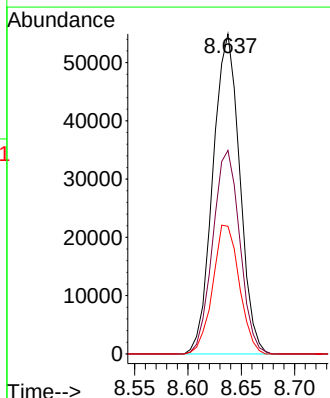
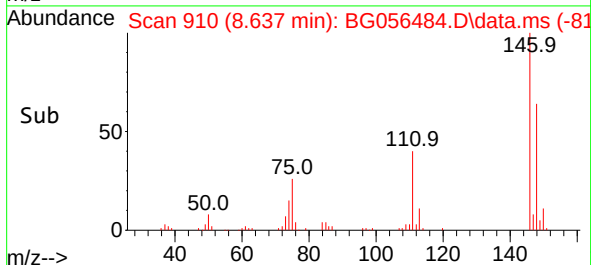
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

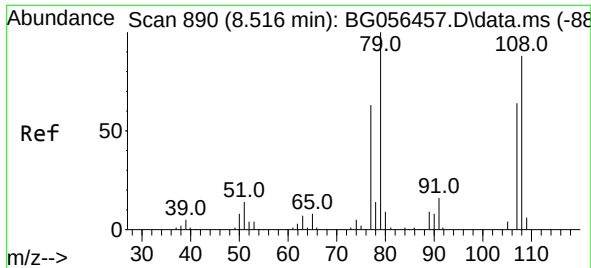


#14
1,2-Dichlorobenzene
Concen: 44.847 ng
RT: 8.637 min Scan# 910
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:146 Resp: 96186
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 39.9 30.9 46.3





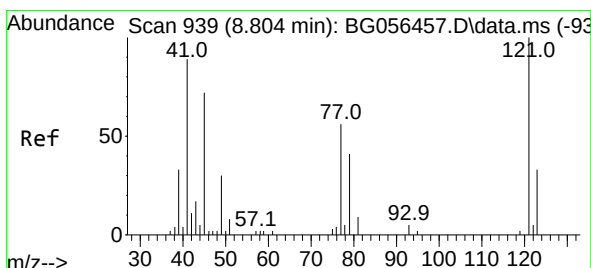
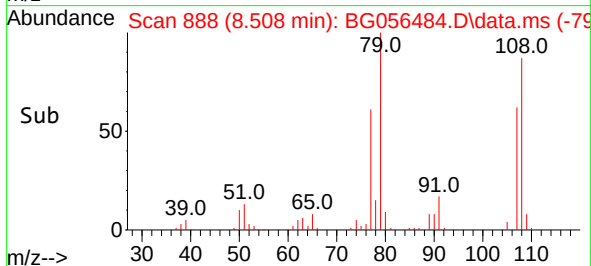
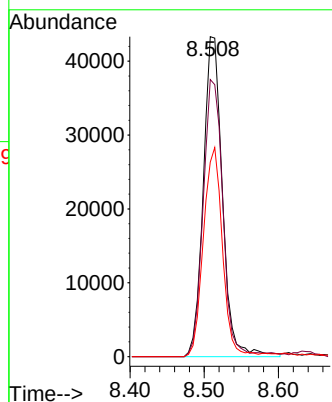
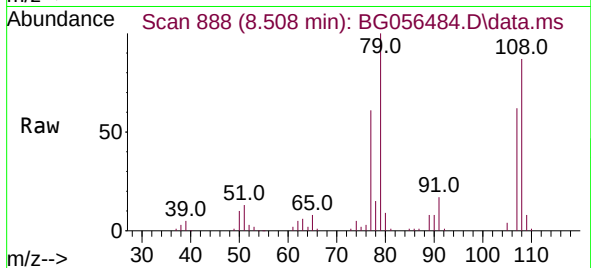
#15
Benzyl Alcohol
Concen: 44.214 ng
RT: 8.508 min Scan# 888
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion: 79 Resp: 77569
Ion Ratio Lower Upper
79 100
108 86.6 70.1 105.1
77 60.8 50.3 75.5

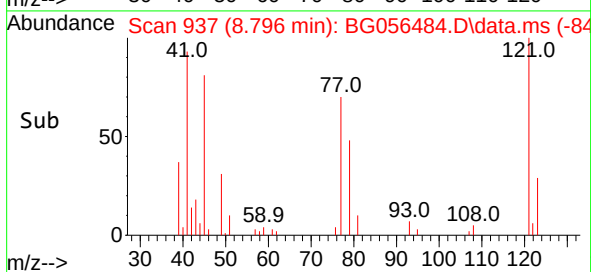
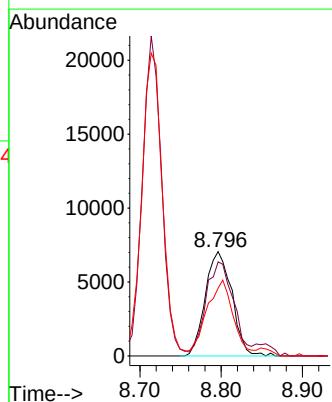
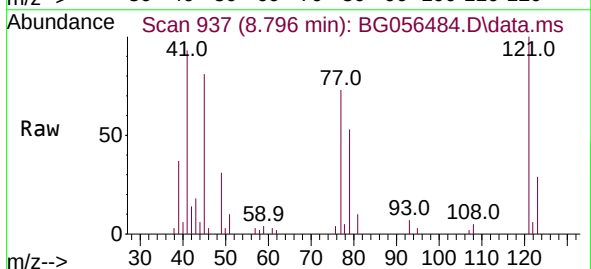
Manual Integrations
APPROVED

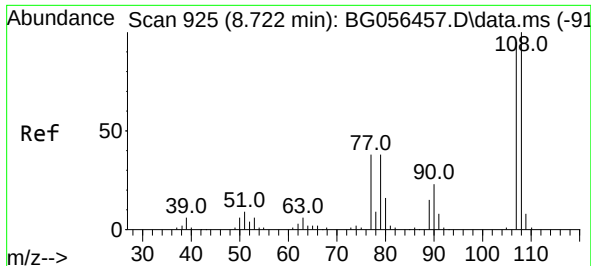
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.399 ng
RT: 8.796 min Scan# 937
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion: 45 Resp: 16048
Ion Ratio Lower Upper
45 100
77 90.1 62.1 102.1
79 65.1 42.7 82.7





#17
2-Methylphenol
Concen: 43.653 ng
RT: 8.714 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

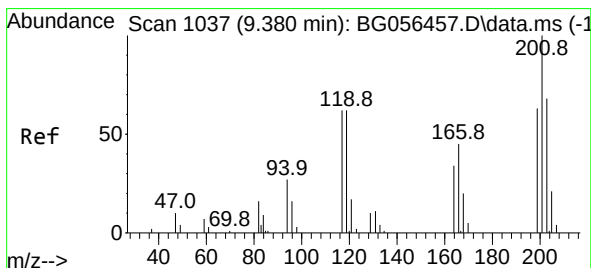
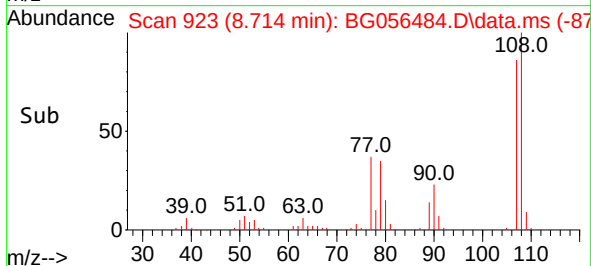
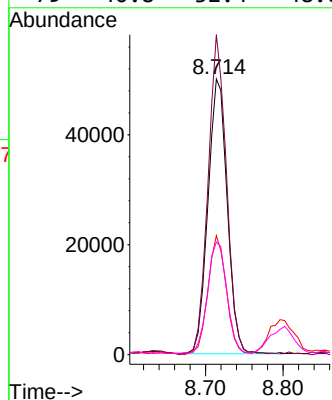
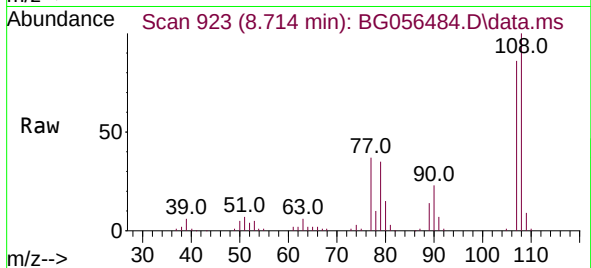
PB150355BS

Tgt Ion:107 Resp: 86309
Ion Ratio Lower Upper
107 100
108 116.1 83.9 125.9
77 43.2 31.6 47.4
79 40.8 32.4 48.6

Manual Integrations

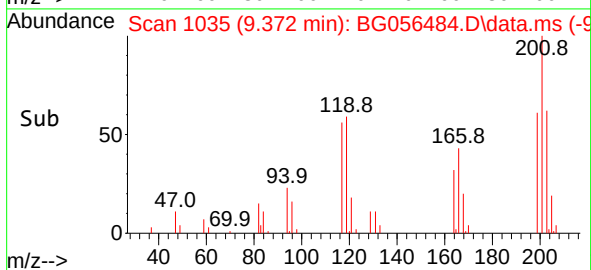
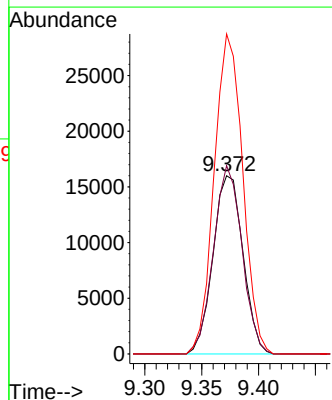
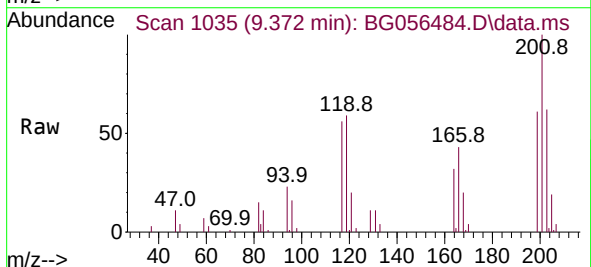
APPROVED

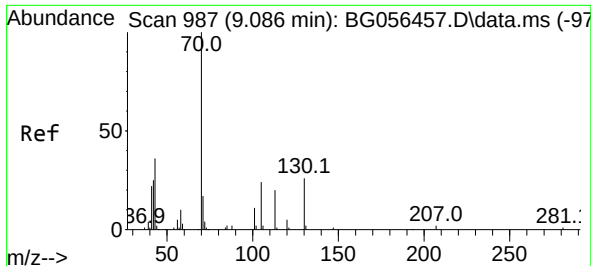
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18
Hexachloroethane
Concen: 43.948 ng
RT: 9.372 min Scan# 1035
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:117 Resp: 29384
Ion Ratio Lower Upper
117 100
119 105.7 79.4 119.0
201 179.6 128.5 192.7





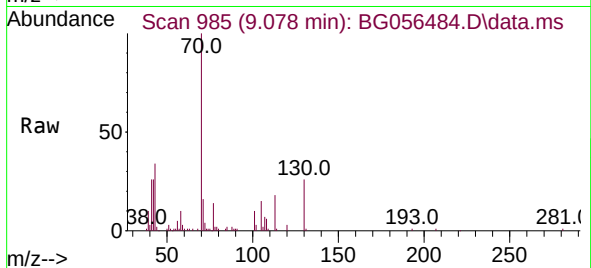
#19
n-Nitroso-di-n-propylamine
Concen: 41.223 ng
RT: 9.078 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

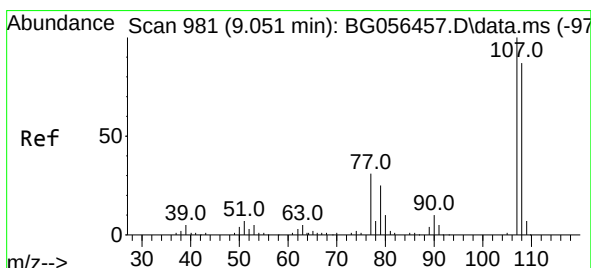
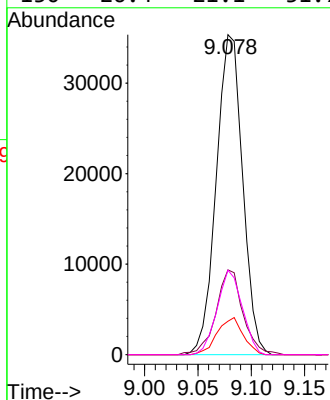
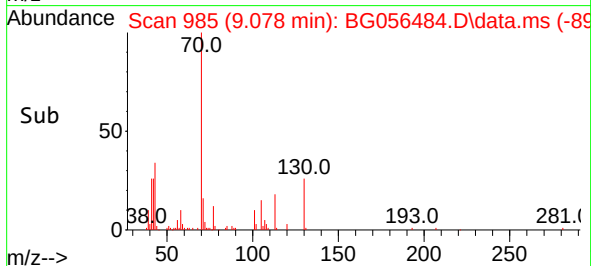


Tgt Ion: 70 Resp: 60745
Ion Ratio Lower Upper
70 100
42 26.5 20.2 30.4
101 10.4 9.1 13.7
130 26.4 21.1 31.7

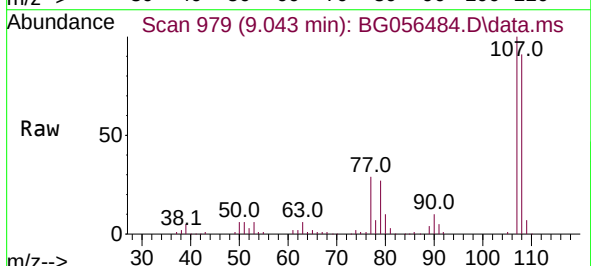
Manual Integrations

APPROVED

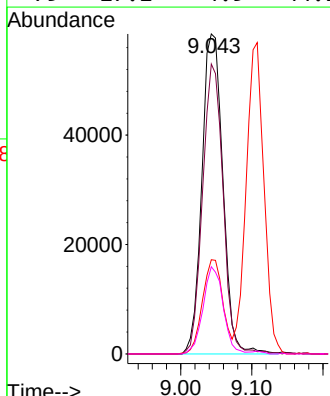
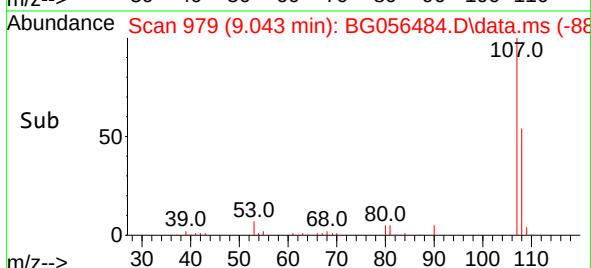
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

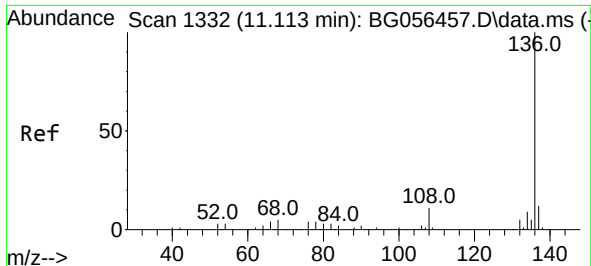


#20
3+4-Methylphenols
Concen: 43.290 ng
RT: 9.043 min Scan# 979
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:107 Resp: 119948
Ion Ratio Lower Upper
107 100
108 90.6 66.7 106.7
77 29.4 10.6 50.6
79 27.2 4.9 44.9





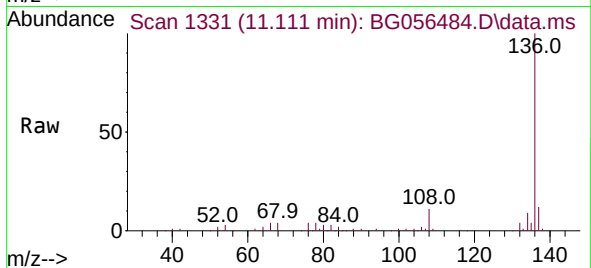
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1331
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

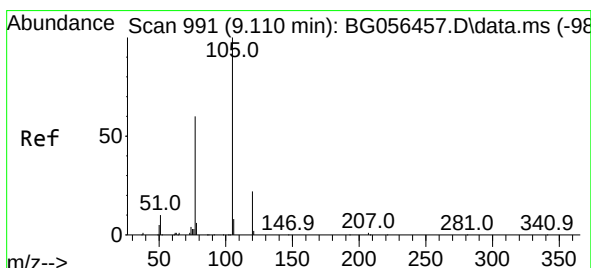
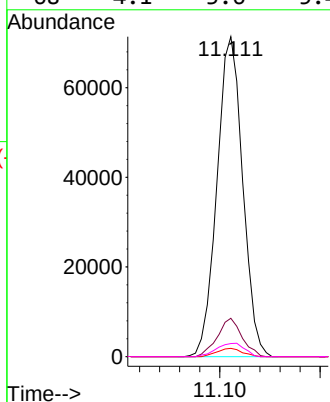
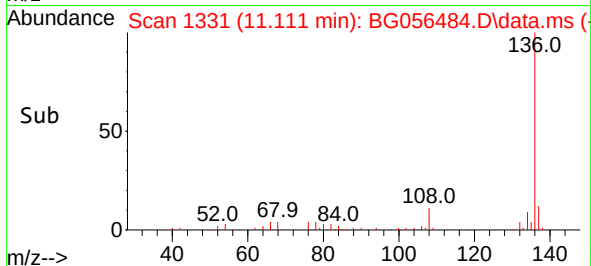


Tgt Ion:136 Resp: 127106
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.6 2.2 3.4
68 4.1 3.6 5.4

Manual Integrations

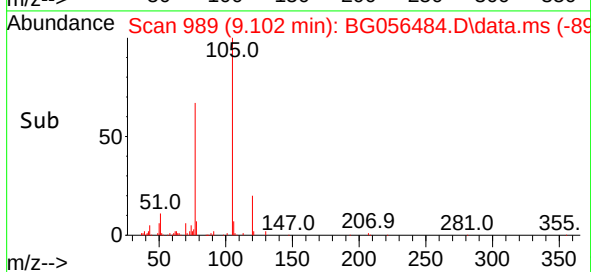
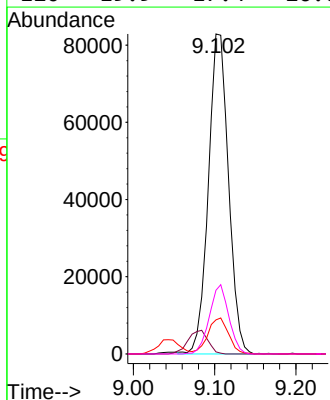
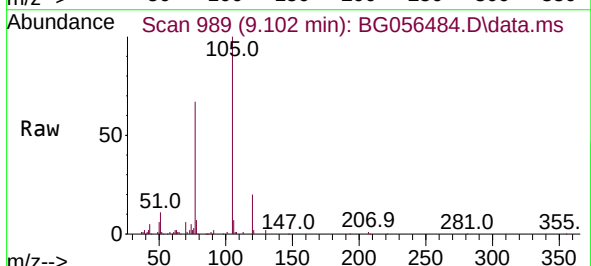
APPROVED

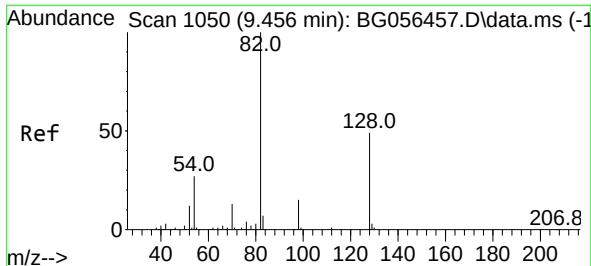
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 42.290 ng
RT: 9.102 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:105 Resp: 142821
Ion Ratio Lower Upper
105 100
71 0.6 0.6 0.8
51 10.6 9.2 13.8
120 19.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 85.848 ng

RT: 9.454 min Scan# 1049

Delta R.T. -0.002 min

Lab File: BG056484.D

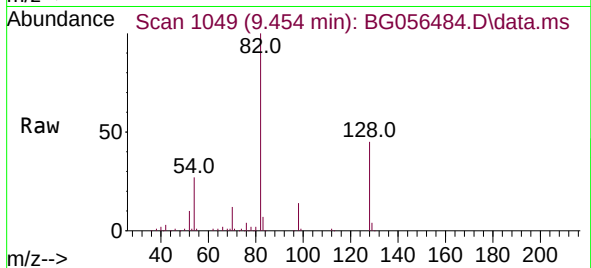
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

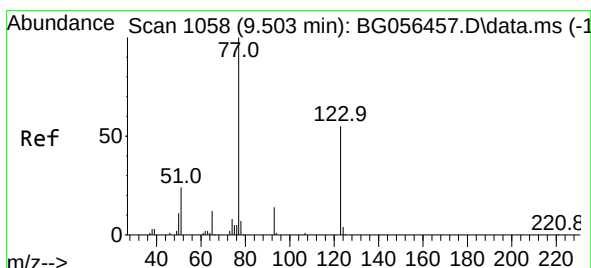
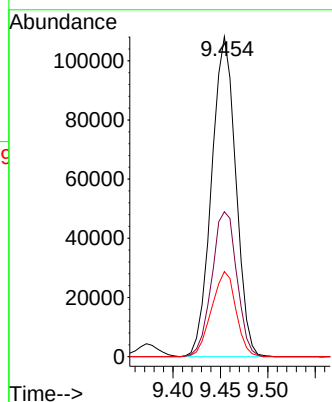
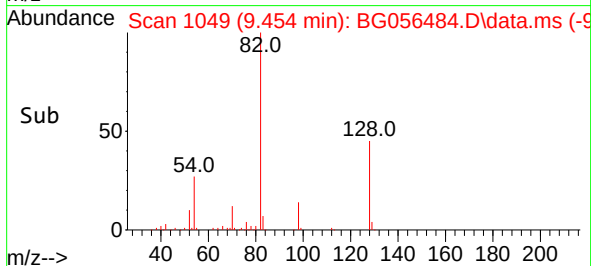


Tgt Ion:	82	Resp:	192159
Ion Ratio	Lower	Upper	
82	100		
128	45.3	39.4	59.2
54	26.6	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24

Nitrobenzene

Concen: 42.829 ng

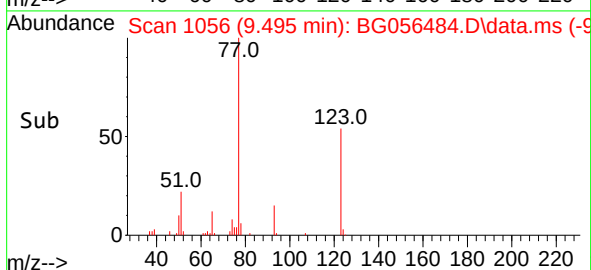
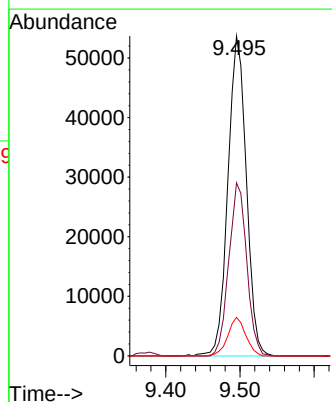
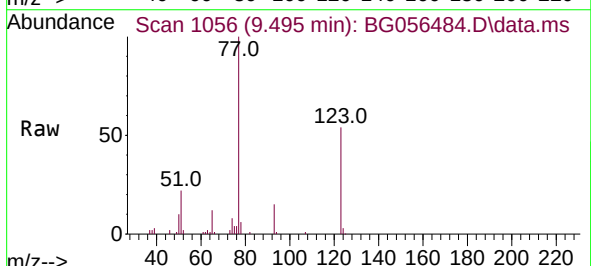
RT: 9.495 min Scan# 1056

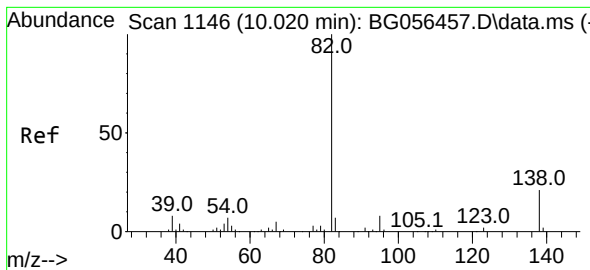
Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Tgt Ion:	77	Resp:	92470
Ion Ratio	Lower	Upper	
77	100		
123	54.1	44.0	66.0
65	12.0	9.7	14.5





#25

Isophorone

Concen: 40.376 ng

RT: 10.018 min Scan# 1145

Delta R.T. 0.004 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Tgt Ion: 82 Resp: 18645

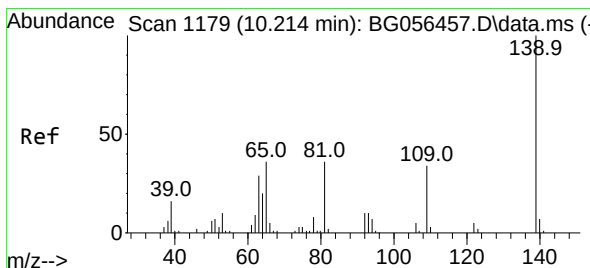
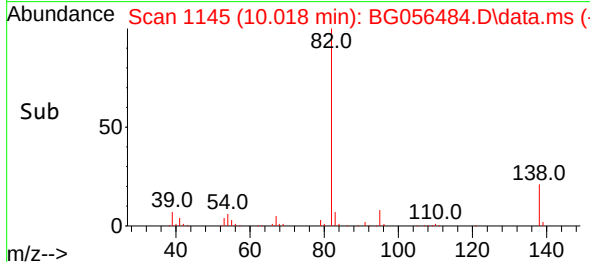
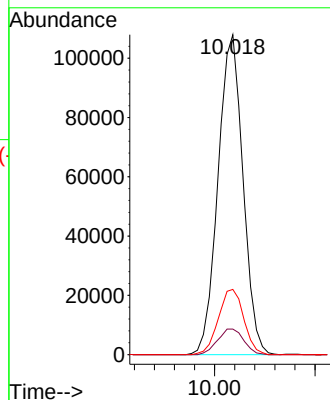
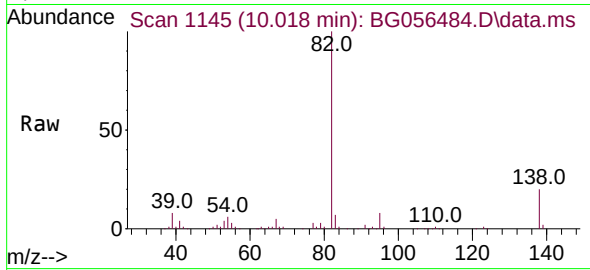
Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	20.4	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#26

2-Nitrophenol

Concen: 42.852 ng

RT: 10.212 min Scan# 1178

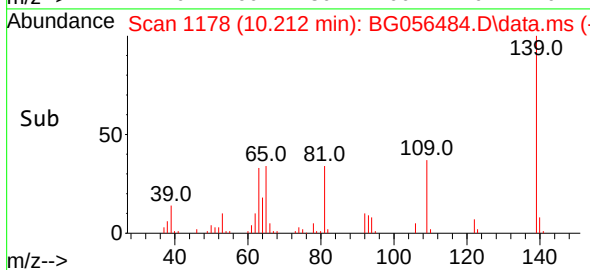
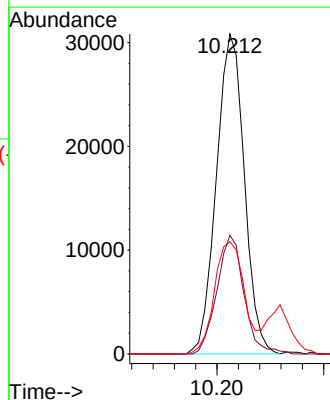
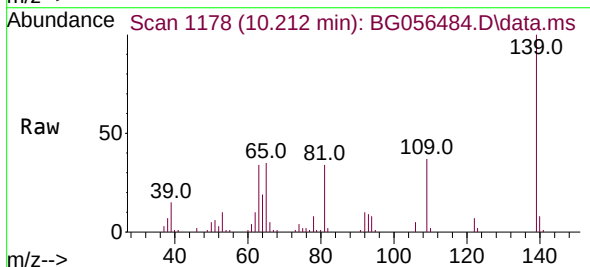
Delta R.T. -0.002 min

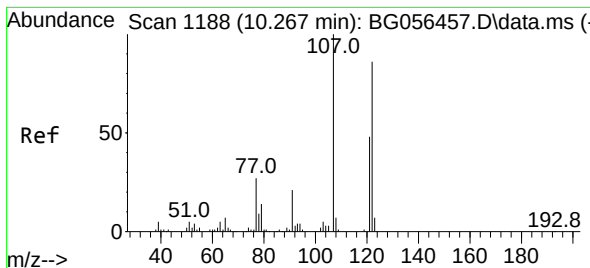
Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Tgt Ion:139 Resp: 56135

Ion	Ratio	Lower	Upper
139	100		
109	37.1	26.9	40.3
65	35.0	29.0	43.4





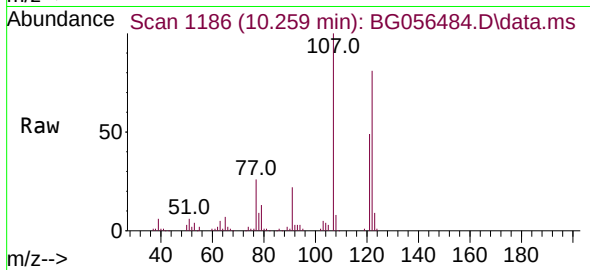
#27
2,4-Dimethylphenol
Concen: 45.922 ng m
RT: 10.259 min Scan# 1186
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

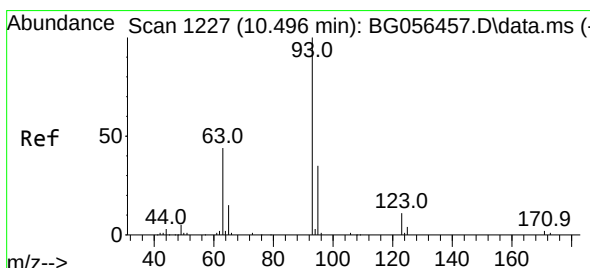
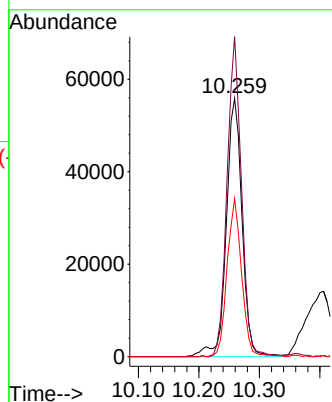
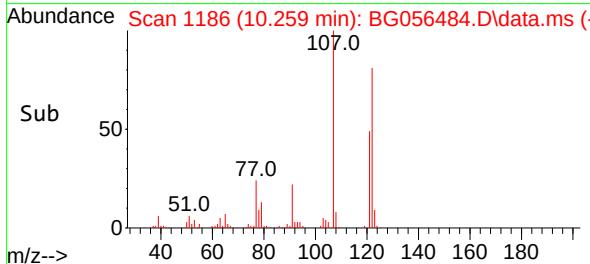


Tgt Ion:122 Resp: 100676
Ion Ratio Lower Upper
122 100
107 123.9 92.9 139.3
121 61.2 45.0 67.4

Manual Integrations

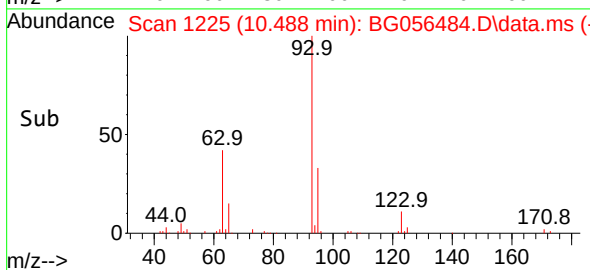
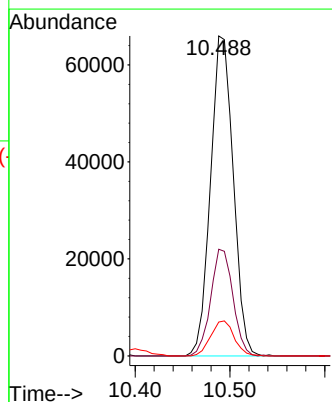
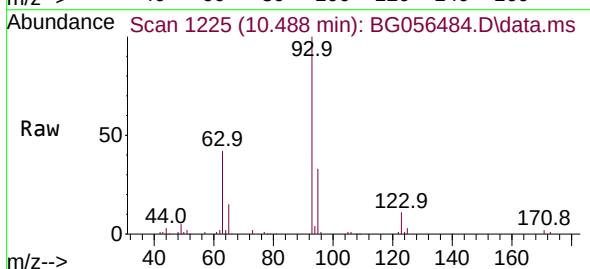
APPROVED

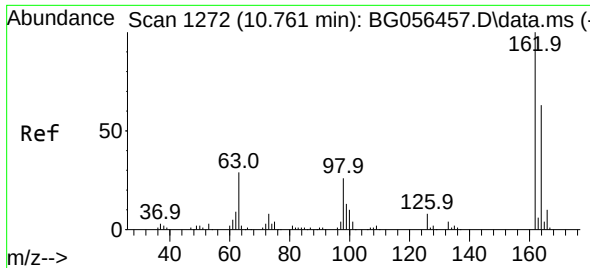
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.077 ng
RT: 10.488 min Scan# 1225
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion: 93 Resp: 109891
Ion Ratio Lower Upper
93 100
95 33.3 27.9 41.9
123 10.6 8.6 12.8





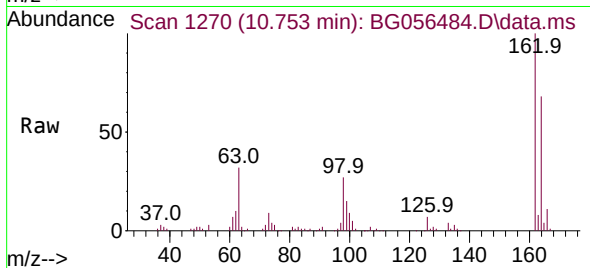
#29
2,4-Dichlorophenol
Concen: 46.327 ng
RT: 10.753 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

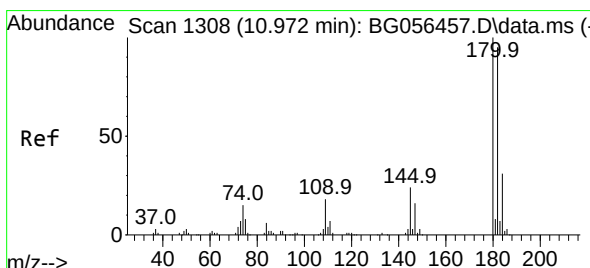
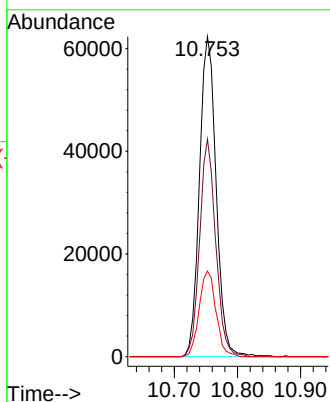
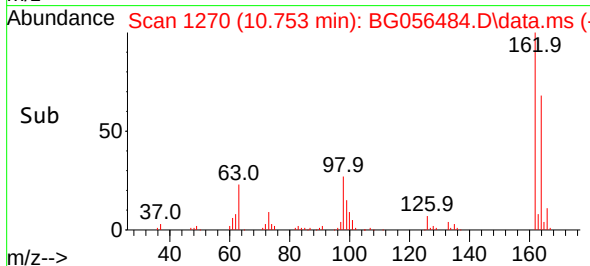


Tgt Ion:162 Resp: 114324
Ion Ratio Lower Upper
162 100
164 68.0 42.8 82.8
98 26.7 6.5 46.5

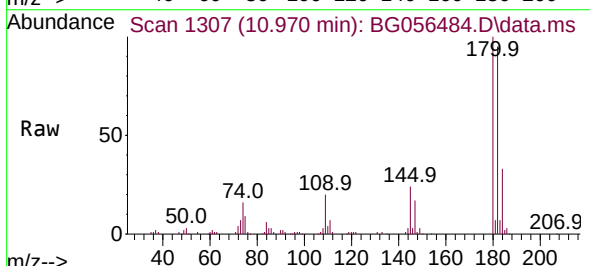
Manual Integrations

APPROVED

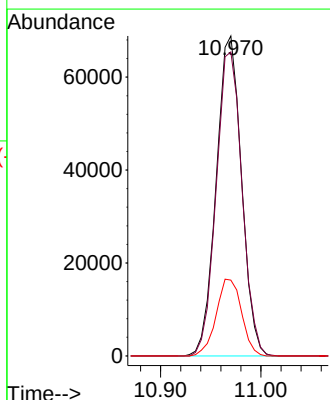
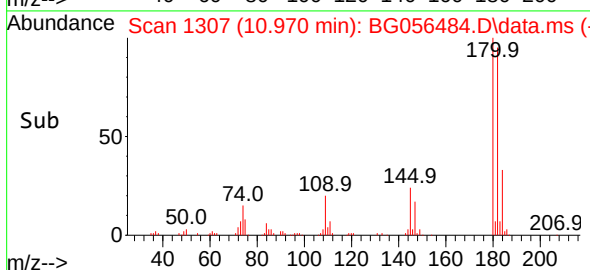
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

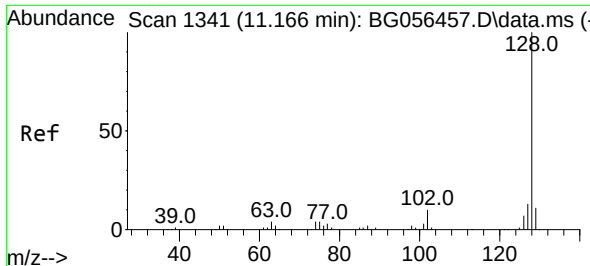


#30
1,2,4-Trichlorobenzene
Concen: 44.046 ng
RT: 10.970 min Scan# 1307
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



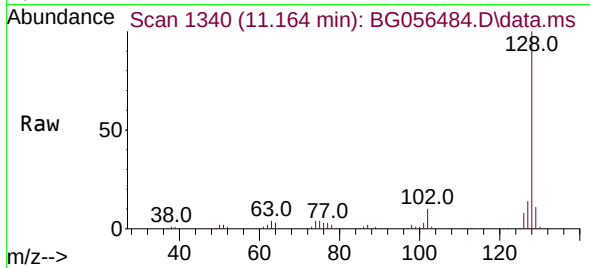
Tgt Ion:180 Resp: 120787
Ion Ratio Lower Upper
180 100
182 95.0 75.9 113.9
145 23.7 19.4 29.0





#31
Naphthalene
Concen: 42.305 ng
RT: 11.164 min Scan# 1341
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

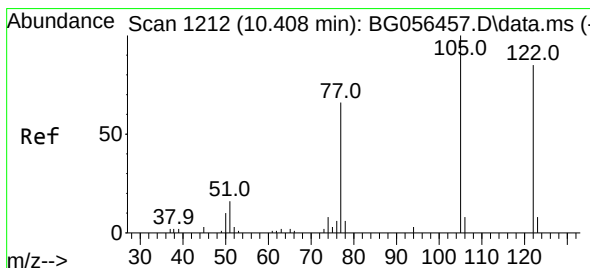
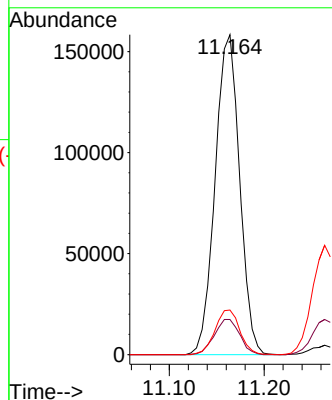
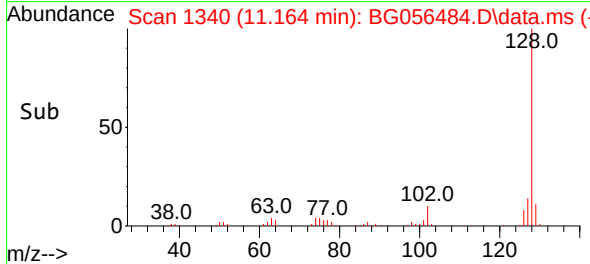
Instrument :
BNA_G
ClientSampleId :
PB150355BS



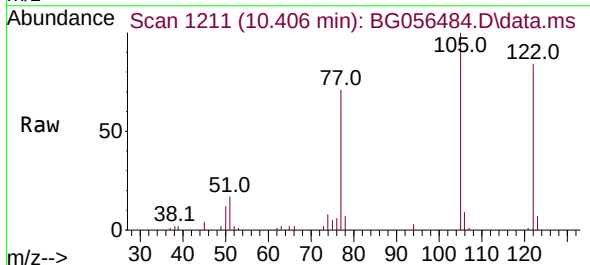
Tgt Ion:128 Resp: 28381
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.9 10.4 15.6

Manual Integrations
APPROVED

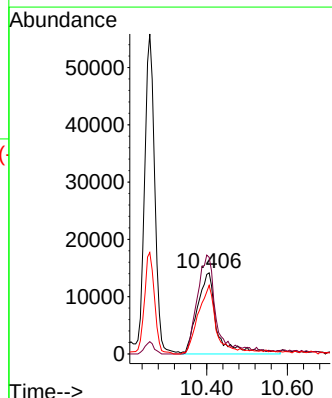
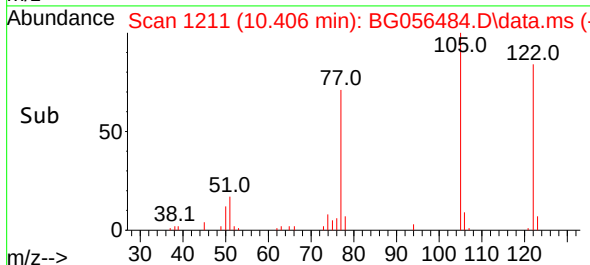
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

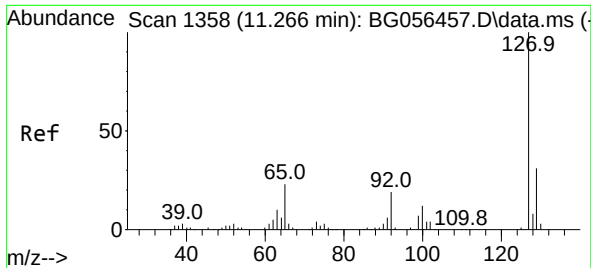


#32
Benzoic acid
Concen: 39.191 ng m
RT: 10.406 min Scan# 1211
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:122 Resp: 48070
Ion Ratio Lower Upper
122 100
105 119.2 96.5 136.5
77 84.7 57.3 97.3





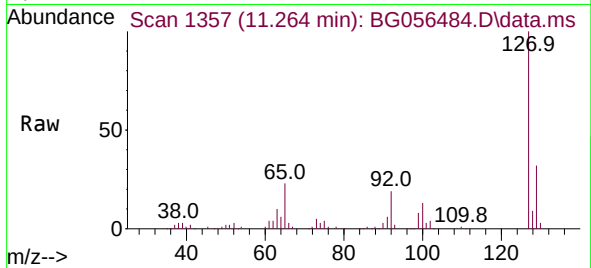
#33
4-Chloroaniline
Concen: 33.033 ng
RT: 11.264 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

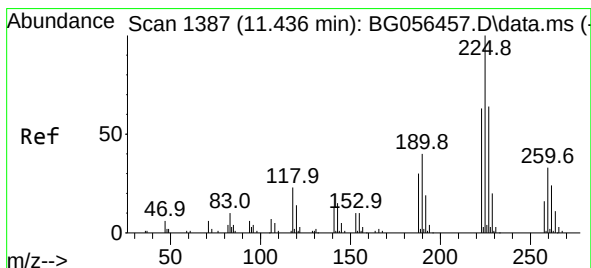
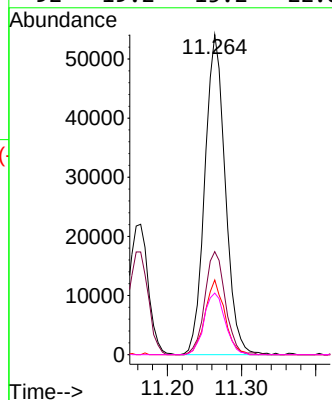
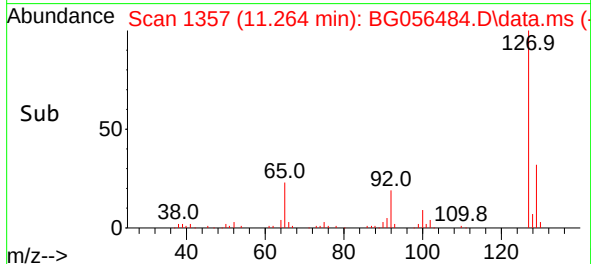


Tgt Ion:127 Resp: 10344
Ion Ratio Lower Upper
127 100
129 32.2 25.0 37.6
65 23.3 18.5 27.7
92 19.2 15.2 22.8

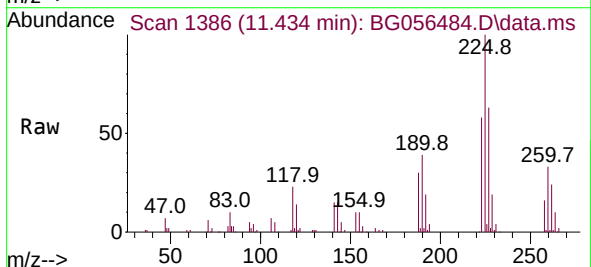
Manual Integrations

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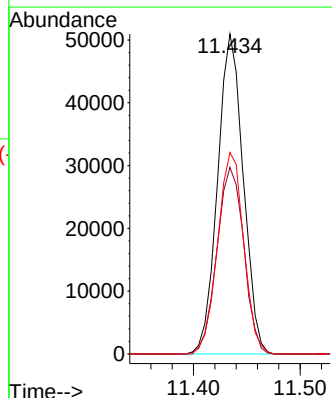
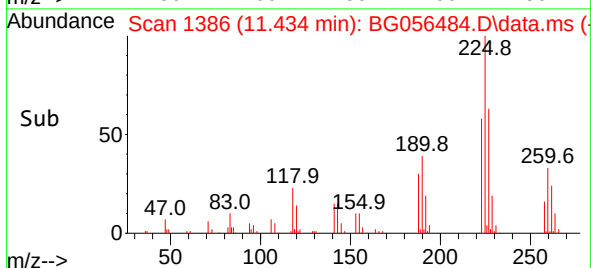
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

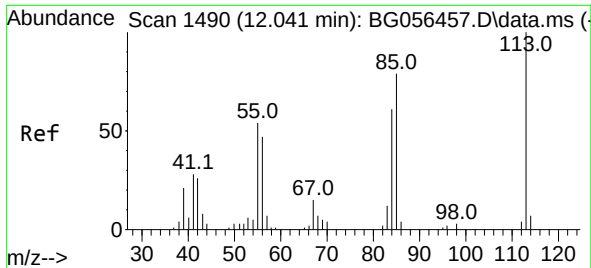


#34
Hexachlorobutadiene
Concen: 44.237 ng
RT: 11.434 min Scan# 1386
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:225 Resp: 85152
Ion Ratio Lower Upper
225 100
223 58.3 50.6 75.8
227 62.9 53.7 80.5





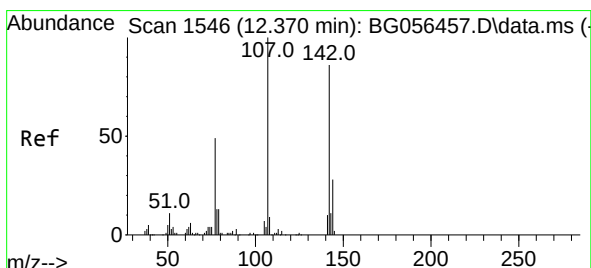
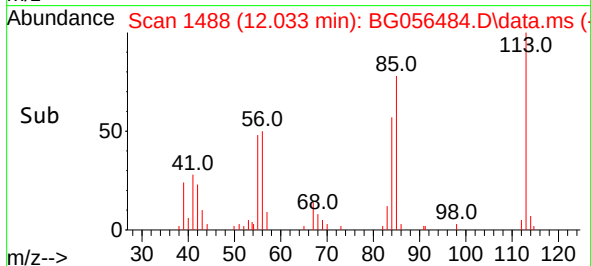
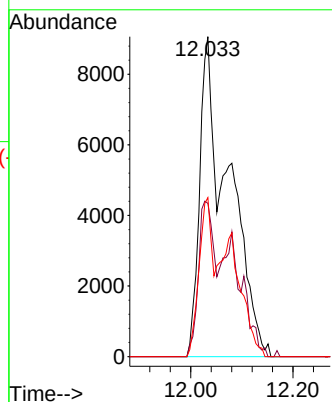
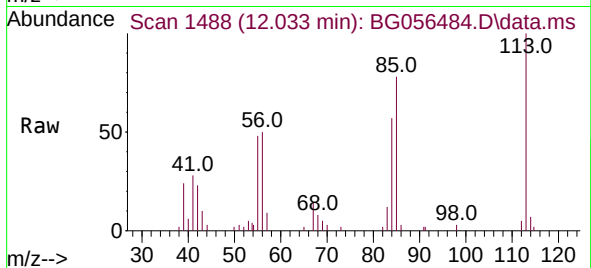
#35
Caprolactam
Concen: 42.367 ng m
RT: 12.033 min Scan# 1490
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion:113 Resp: 3526
Ion Ratio Lower Upper
113 100
55 47.9 33.7 73.7
56 49.7 27.1 67.1

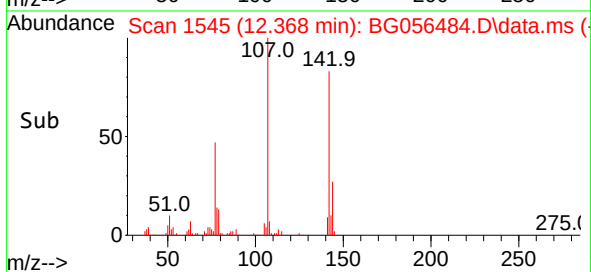
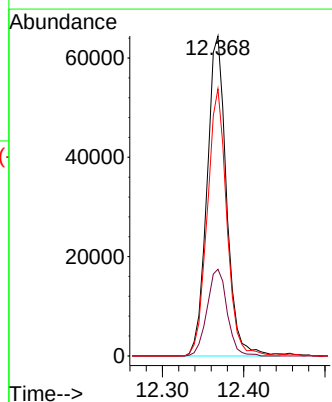
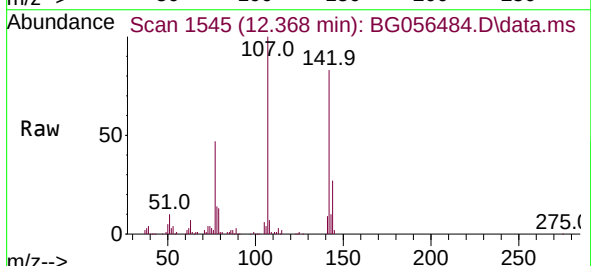
Manual Integrations
APPROVED

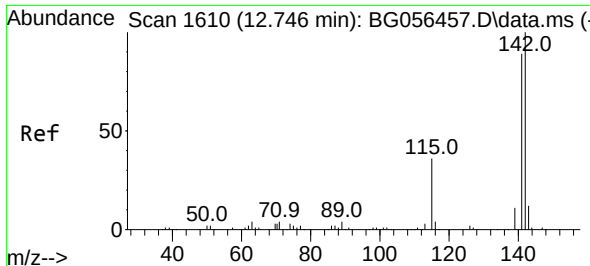
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#36
4-Chloro-3-methylphenol
Concen: 45.123 ng
RT: 12.368 min Scan# 1545
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:107 Resp: 107537
Ion Ratio Lower Upper
107 100
144 27.1 22.3 33.5
142 83.5 68.9 103.3





#37
2-Methylnaphthalene
Concen: 40.868 ng
RT: 12.744 min Scan# 1609
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

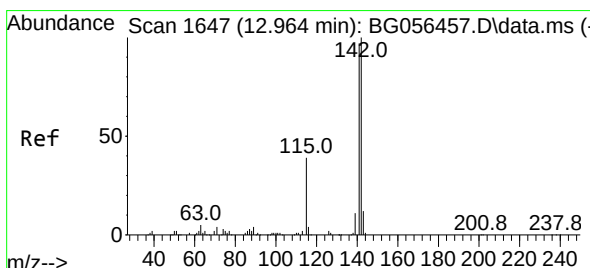
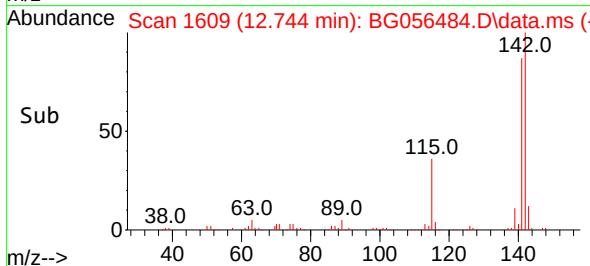
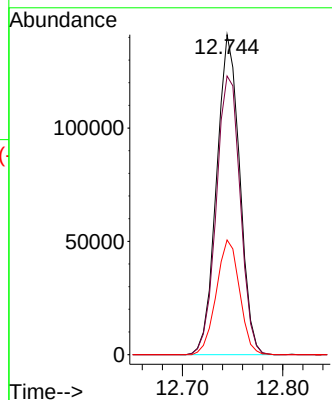
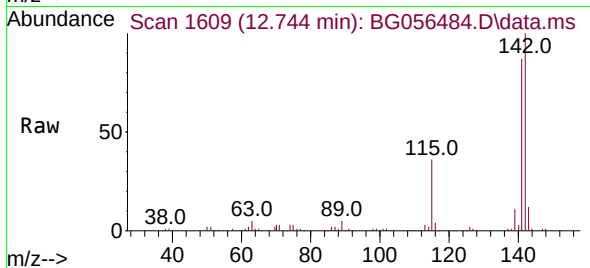
PB150355BS

Tgt Ion:142 Resp: 226033
Ion Ratio Lower Upper
142 100
141 87.1 71.4 107.0
115 35.8 28.4 42.6

Manual Integrations

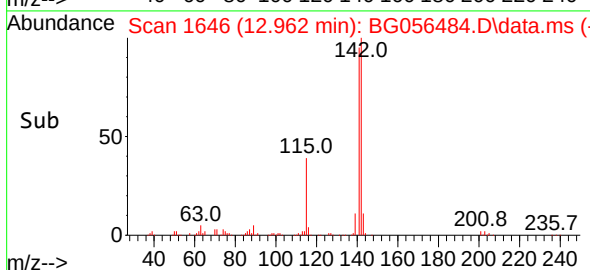
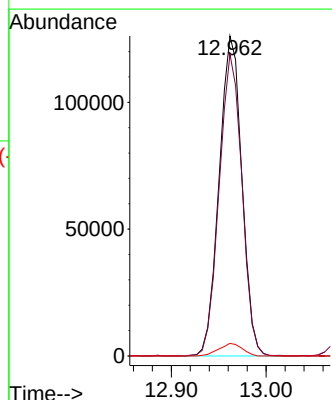
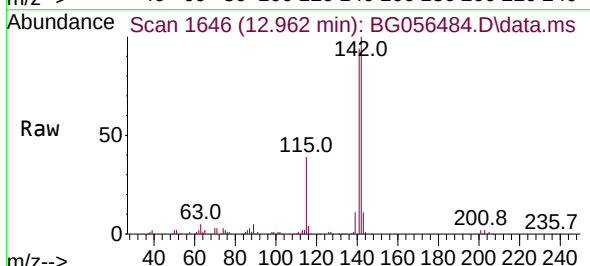
APPROVED

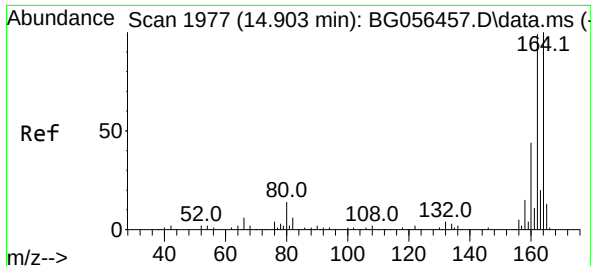
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 40.602 ng
RT: 12.962 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:142 Resp: 209723
Ion Ratio Lower Upper
142 100
141 94.3 77.7 116.5
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.901 min Scan# 1976
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

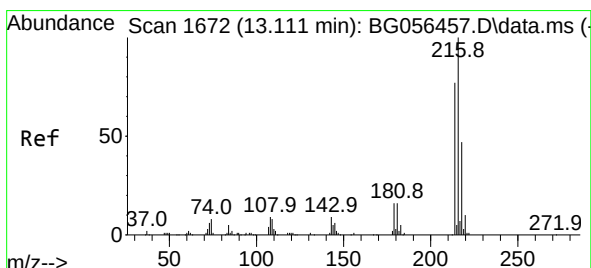
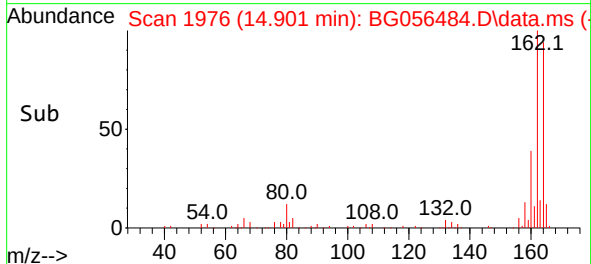
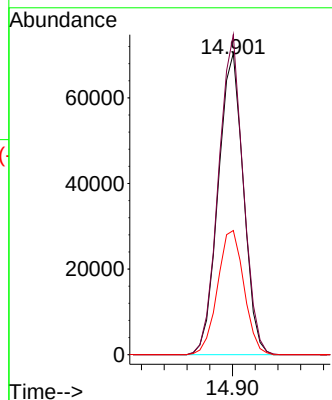
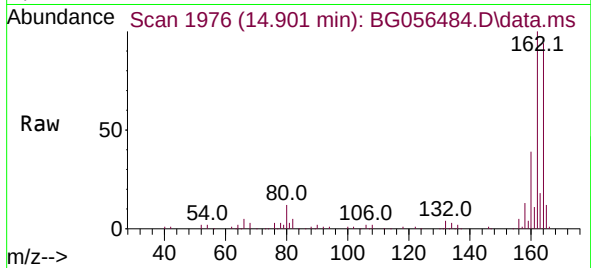
ClientSampleId :

PB150355BS

Tgt Ion:164 Resp: 10798
Ion Ratio Lower Upper
164 100
162 106.2 79.6 119.4
160 41.2 34.9 52.3

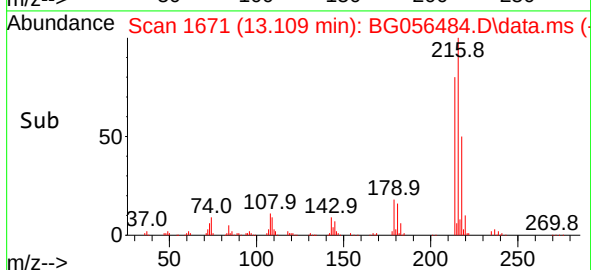
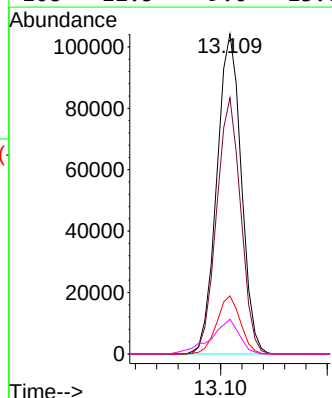
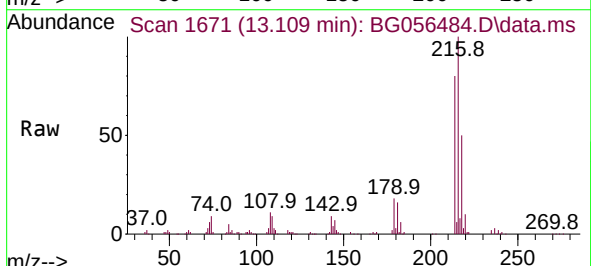
Manual Integrations
APPROVED

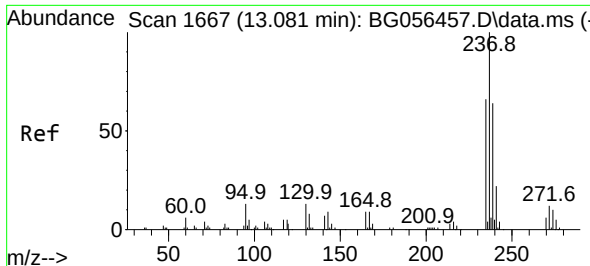
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.087 ng
RT: 13.109 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

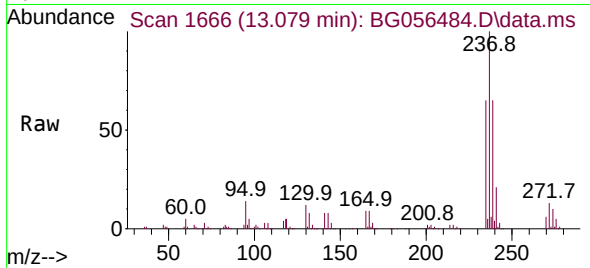
Tgt Ion:216 Resp: 166039
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 17.5 14.1 21.1
108 12.5 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 89.106 ng
RT: 13.079 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

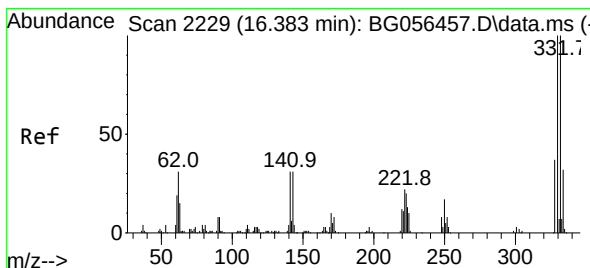
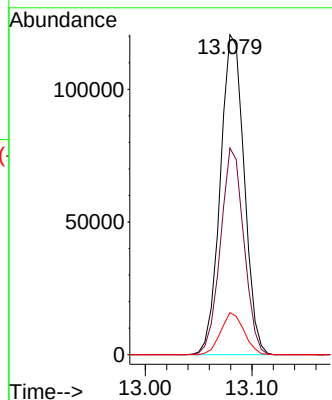
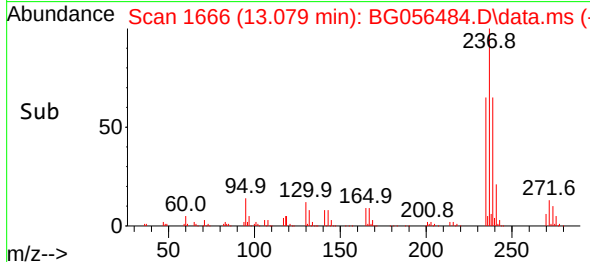
Instrument :
BNA_G
ClientSampleId :
PB150355BS



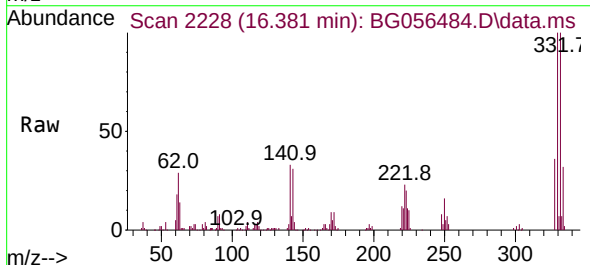
Tgt Ion:237 Resp: 187998
Ion Ratio Lower Upper
237 100
235 64.5 45.6 85.6
272 13.1 0.0 32.3

Manual Integrations
APPROVED

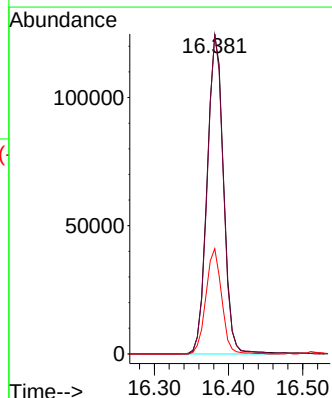
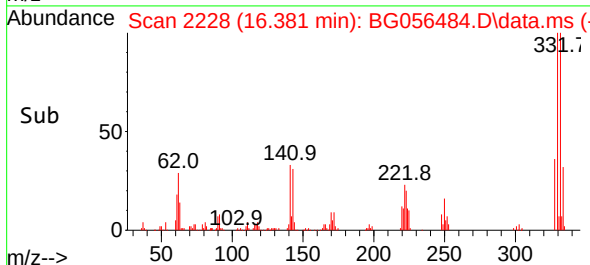
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

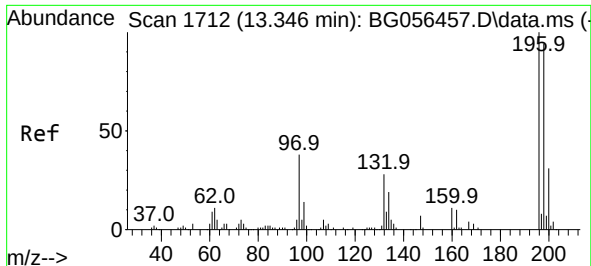


#42
2,4,6-Tribromophenol
Concen: 132.949 ng
RT: 16.381 min Scan# 2228
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:330 Resp: 190865
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.6
141 31.6 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 43.436 ng
RT: 13.344 min Scan# 1711
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

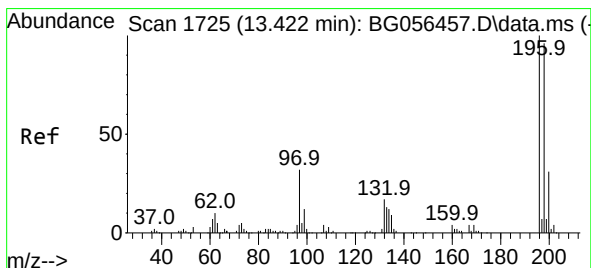
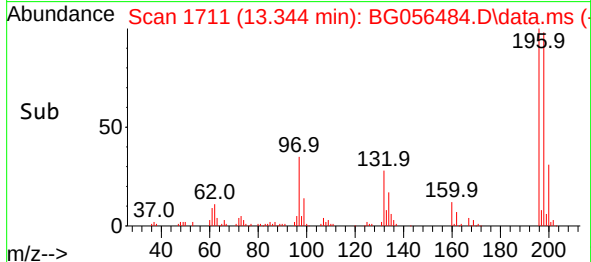
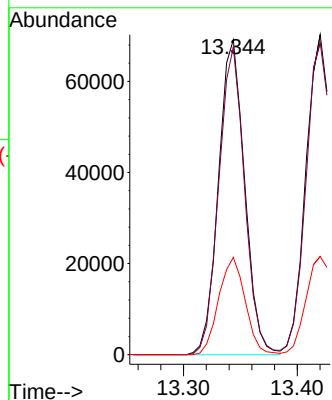
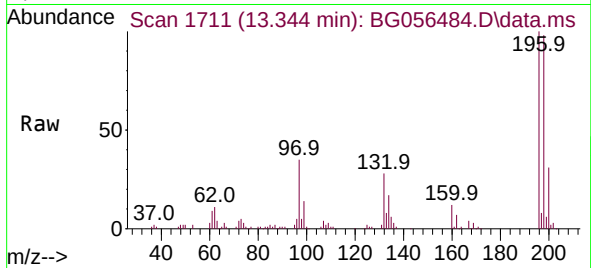
PB150355BS

Tgt Ion:196 Resp: 110429
Ion Ratio Lower Upper
196 100
198 97.8 75.4 113.0
200 30.9 25.0 37.6

Manual Integrations

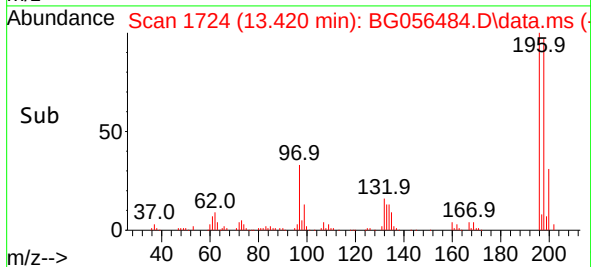
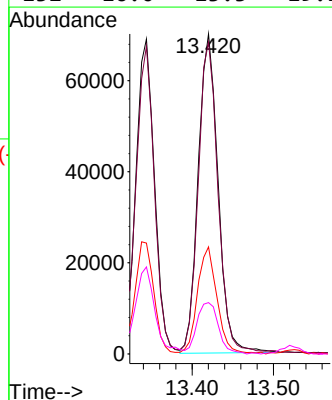
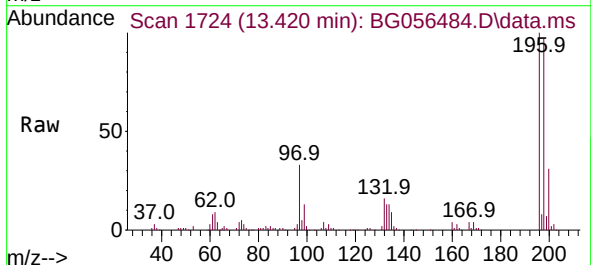
APPROVED

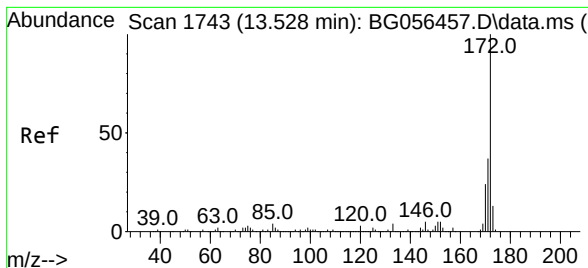
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#44
2,4,5-Trichlorophenol
Concen: 39.966 ng
RT: 13.420 min Scan# 1724
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

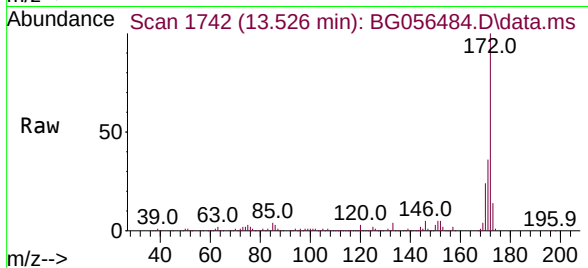
Tgt Ion:196 Resp: 118963
Ion Ratio Lower Upper
196 100
198 97.5 76.9 115.3
97 33.4 25.8 38.6
132 16.0 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 84.793 ng
RT: 13.526 min Scan# 1743
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

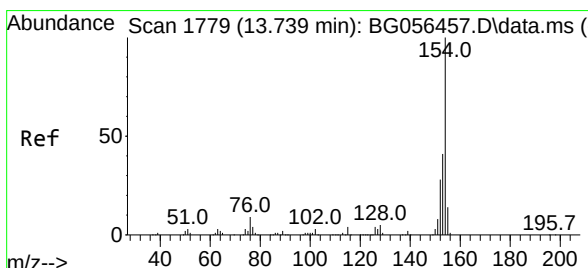
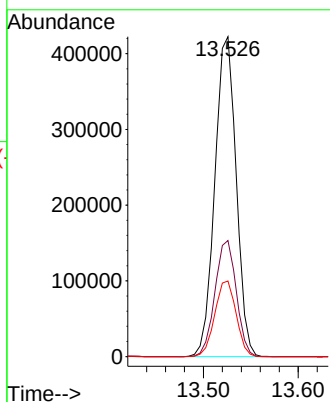
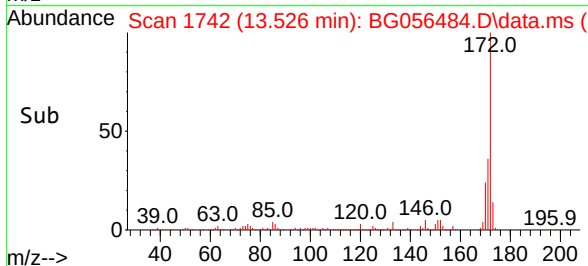
Instrument :
BNA_G
ClientSampleId :
PB150355BS



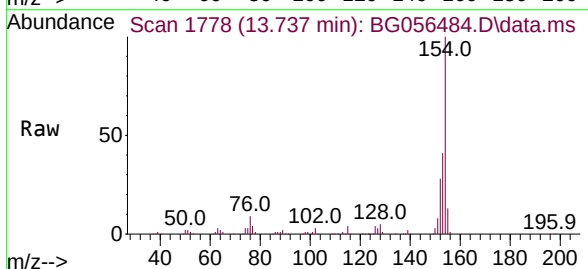
Tgt Ion:172 Resp: 660446
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 23.6 19.2 28.8

Manual Integrations
APPROVED

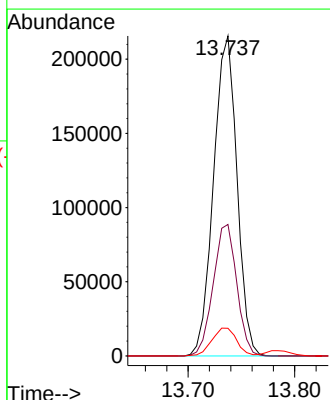
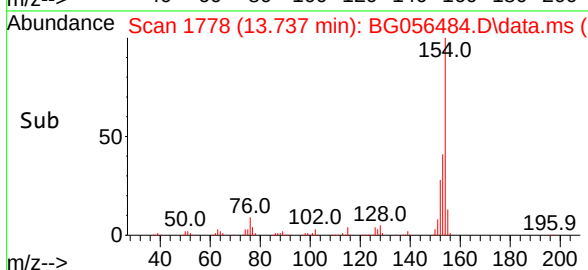
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

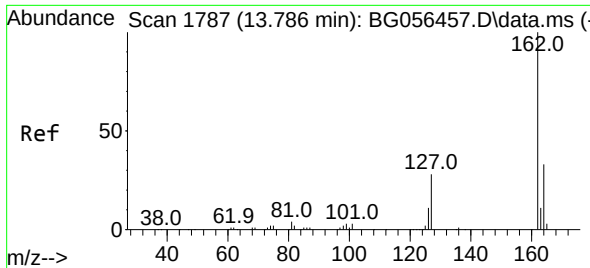


#46
1,1'-Biphenyl
Concen: 42.035 ng
RT: 13.737 min Scan# 1778
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:154 Resp: 329238
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 8.7 0.0 28.8





#47
2-Chloronaphthalene
Concen: 43.452 ng
RT: 13.784 min Scan# 1787
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

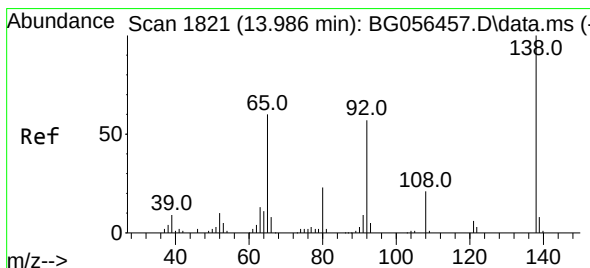
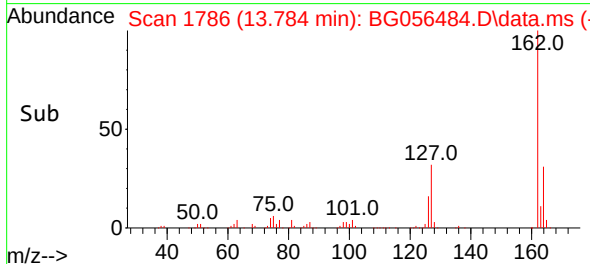
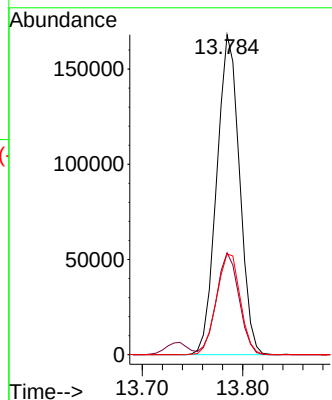
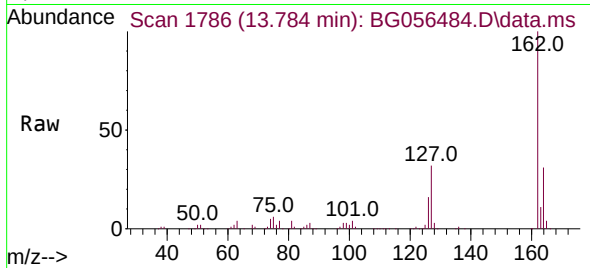
PB150355BS

Tgt Ion:162 Resp: 266022
Ion Ratio Lower Upper
162 100
127 31.8 25.2 37.8
164 31.5 26.2 39.2

Manual Integrations

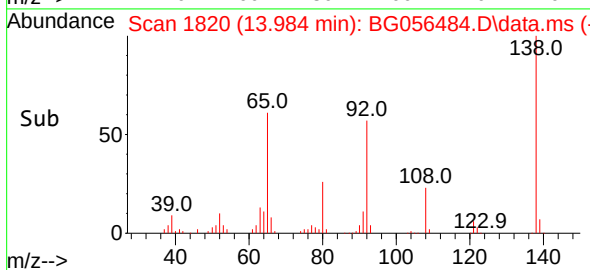
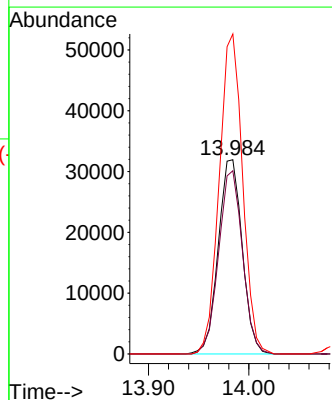
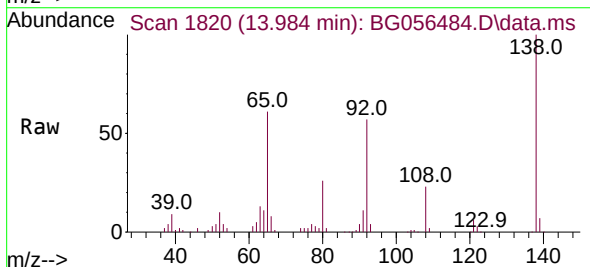
APPROVED

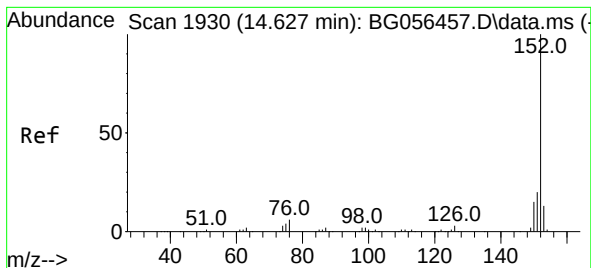
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 41.820 ng
RT: 13.984 min Scan# 1820
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion: 65 Resp: 52928
Ion Ratio Lower Upper
65 100
92 94.4 75.8 113.6
138 164.9 133.2 199.8





#49

Acenaphthylene

Concen: 42.085 ng

RT: 14.625 min Scan# 1930

Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

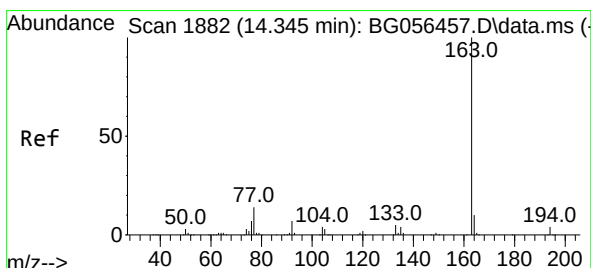
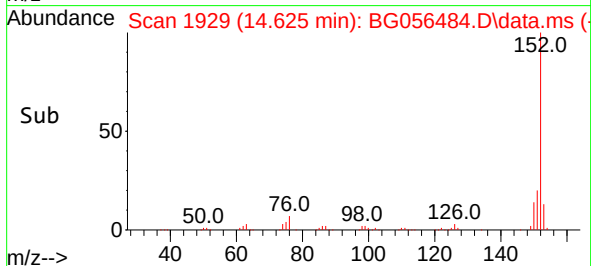
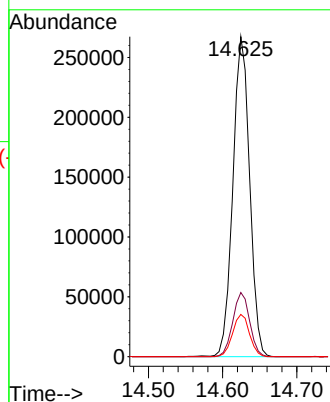
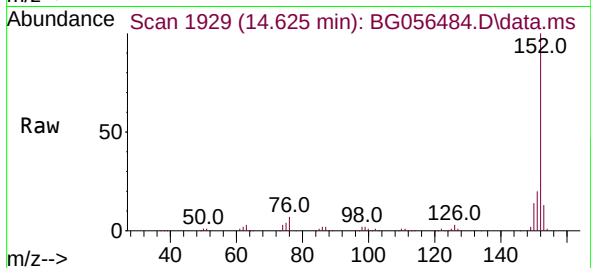
PB150355BS

Tgt Ion:152 Resp: 419193
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.9 23.9
 153 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 41.345 ng

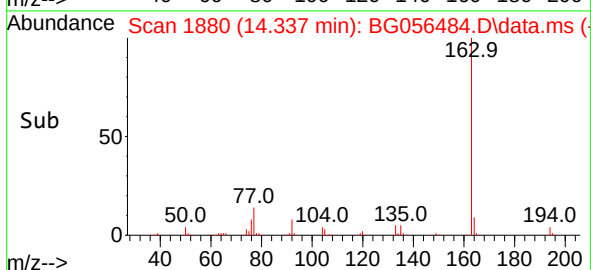
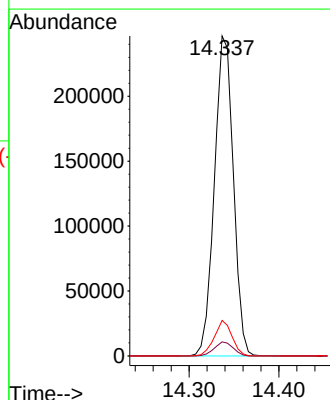
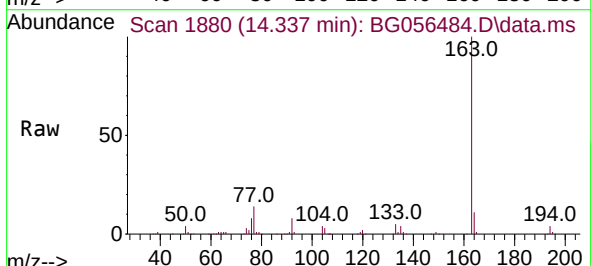
RT: 14.337 min Scan# 1880

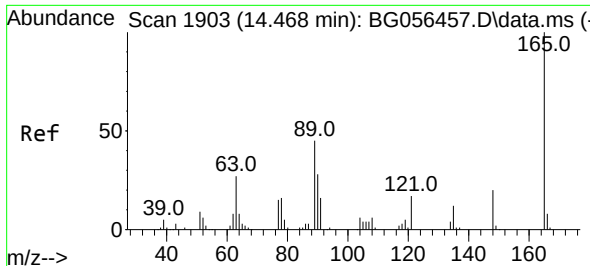
Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Tgt Ion:163 Resp: 361204
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 11.1 8.1 12.1





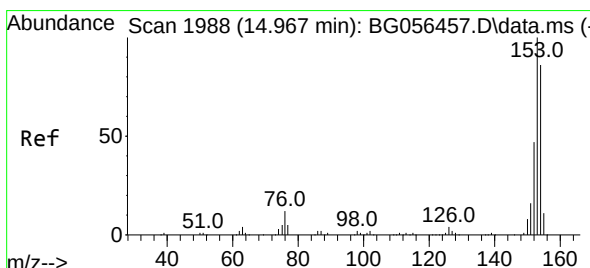
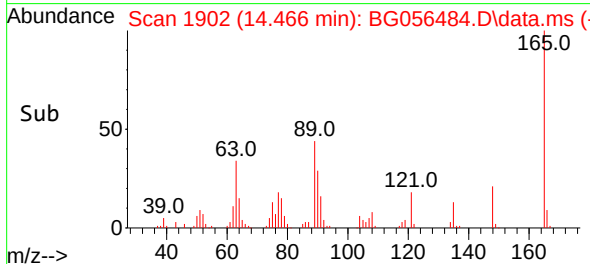
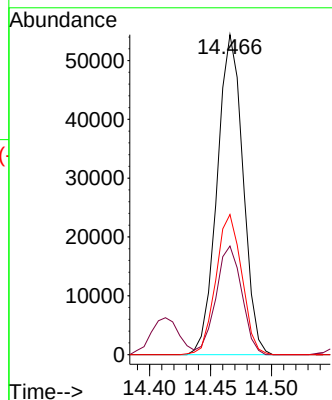
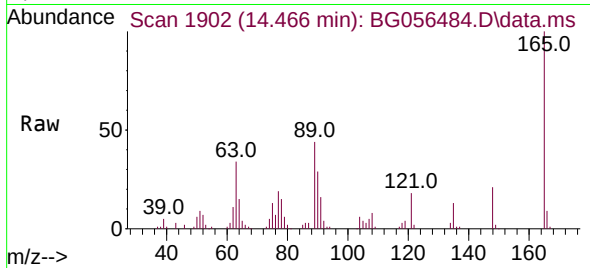
#51
2,6-Dinitrotoluene
Concen: 42.085 ng
RT: 14.466 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion:165 Resp: 80181
Ion Ratio Lower Upper
165 100
63 34.0 26.9 40.3
89 43.8 35.6 53.4

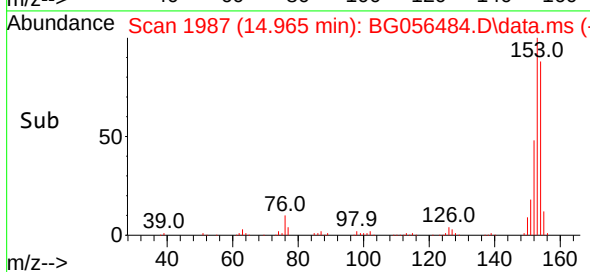
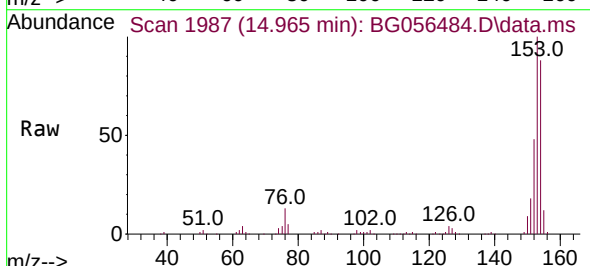
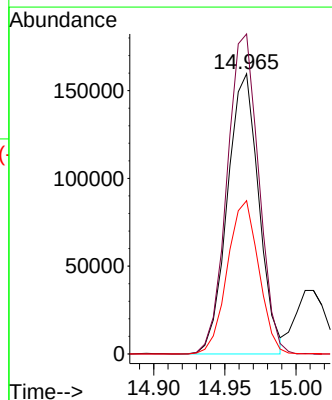
Manual Integrations
APPROVED

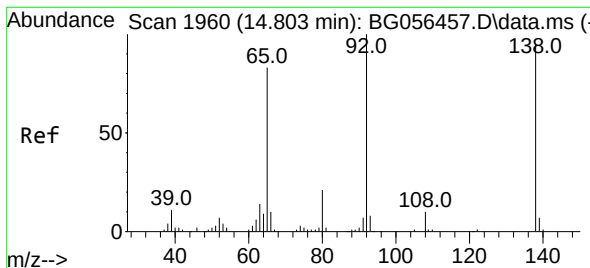
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 41.575 ng
RT: 14.965 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

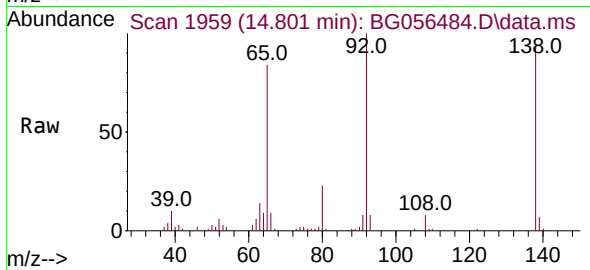
Tgt Ion:154 Resp: 245571
Ion Ratio Lower Upper
154 100
153 114.2 93.4 140.0
152 54.7 43.4 65.2





#53
3-Nitroaniline
Concen: 31.572 ng
RT: 14.801 min Scan# 1959
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

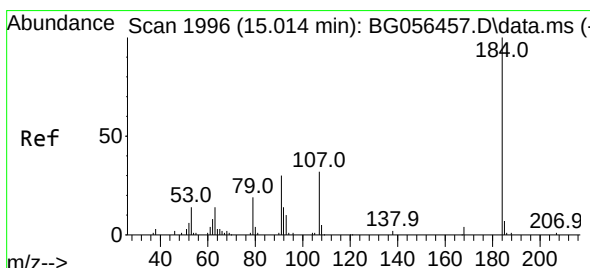
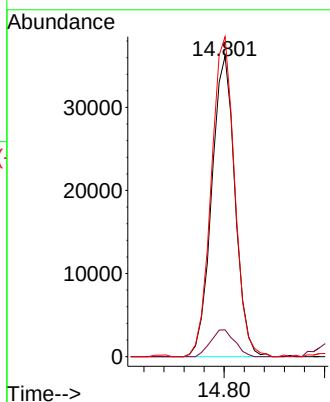
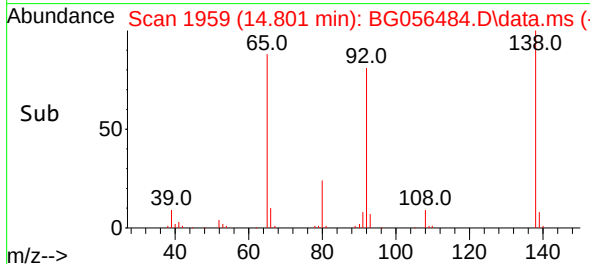
Instrument :
BNA_G
ClientSampleId :
PB150355BS



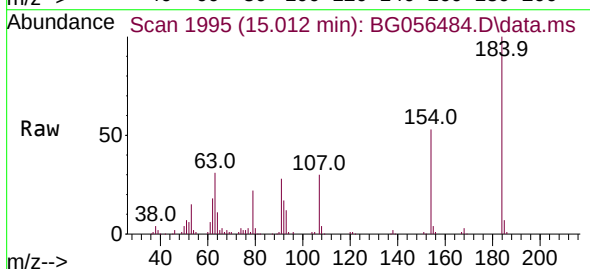
Tgt Ion:138 Resp: 58316
Ion Ratio Lower Upper
138 100
108 8.9 8.0 12.0
92 106.5 84.1 126.1

Manual Integrations
APPROVED

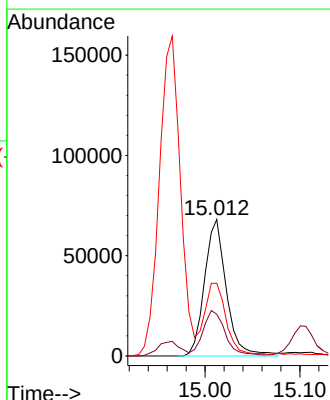
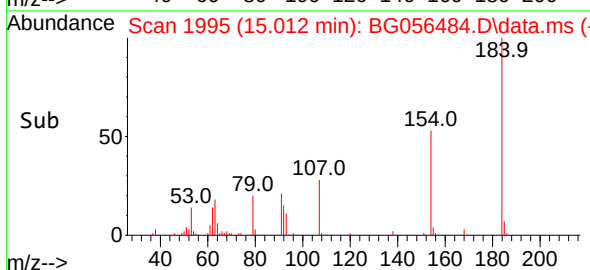
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

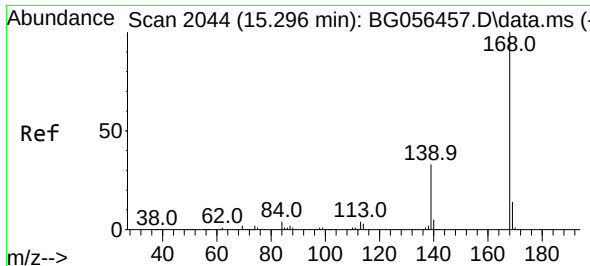


#54
2,4-Dinitrophenol
Concen: 91.199 ng
RT: 15.012 min Scan# 1995
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



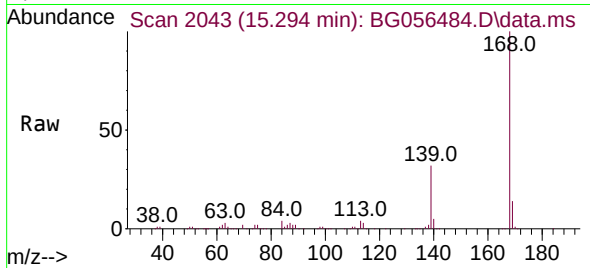
Tgt Ion:184 Resp: 108930
Ion Ratio Lower Upper
184 100
63 30.6 25.1 37.7
154 53.2 44.8 67.2





#55
Dibenzofuran
Concen: 41.933 ng
RT: 15.294 min Scan# 2044
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

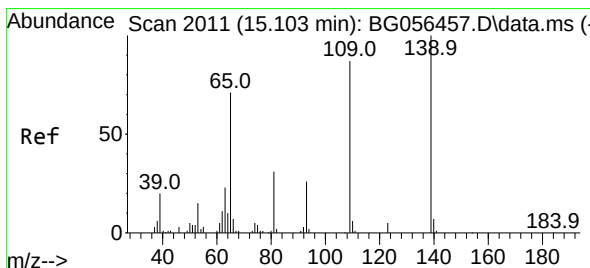
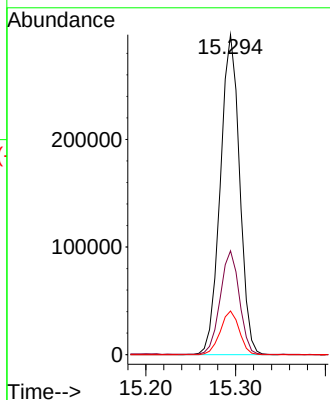
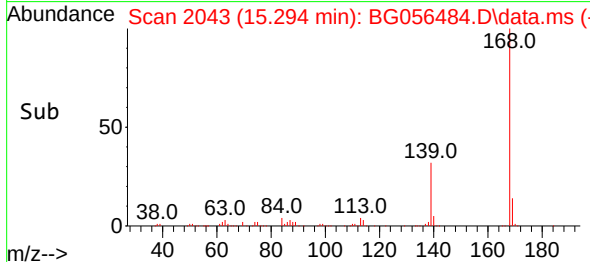
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:168 Resp: 444203
Ion Ratio Lower Upper
168 100
139 32.4 26.2 39.2
169 13.6 11.0 16.6

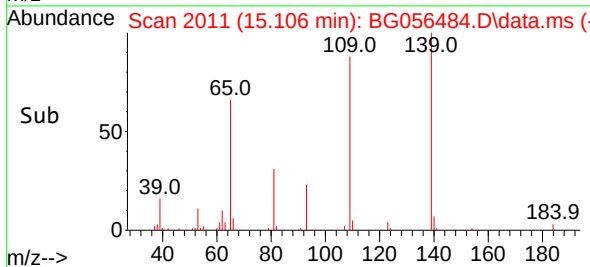
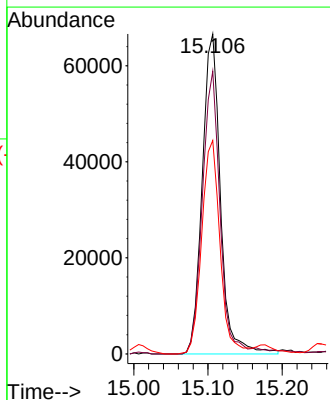
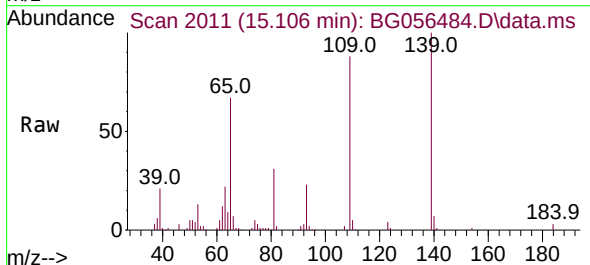
Manual Integrations
APPROVED

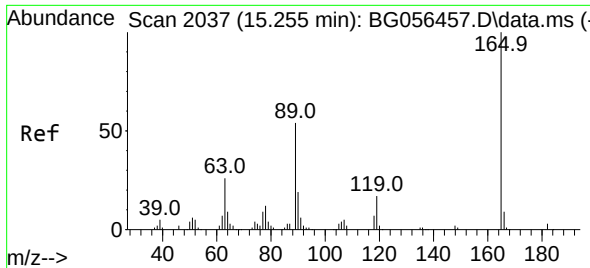
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#56
4-Nitrophenol
Concen: 89.959 ng
RT: 15.106 min Scan# 2011
Delta R.T. 0.010 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:139 Resp: 113536
Ion Ratio Lower Upper
139 100
109 88.3 67.5 107.5
65 66.7 50.7 90.7





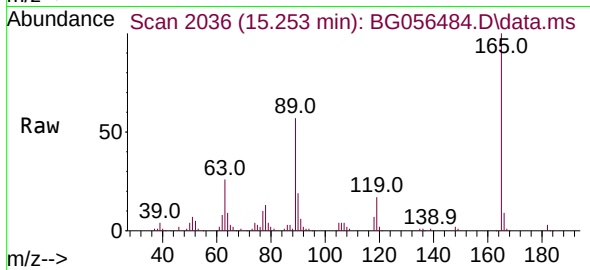
#57
2,4-Dinitrotoluene
Concen: 42.905 ng
RT: 15.253 min Scan# 2037
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

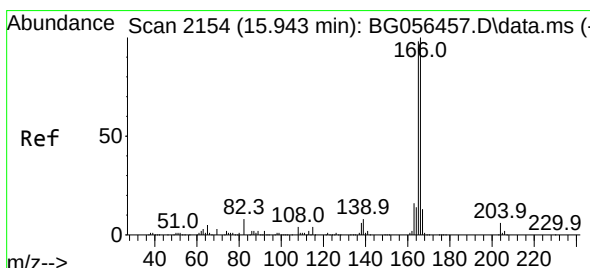
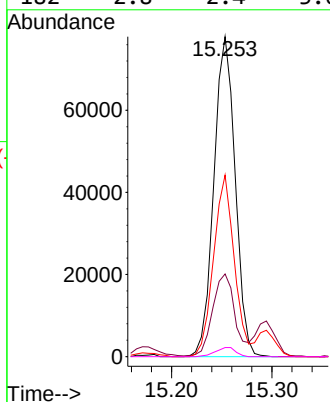
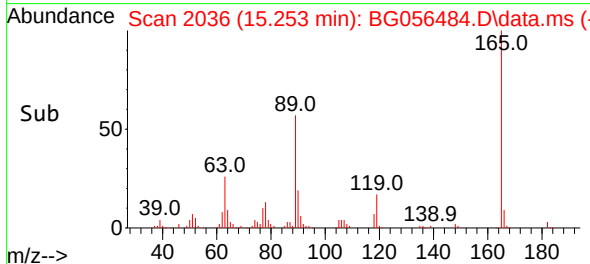


Tgt Ion:165 Resp: 11514
Ion Ratio Lower Upper
165 100
63 25.8 20.6 31.0
89 56.7 43.1 64.7
182 2.8 2.4 3.6

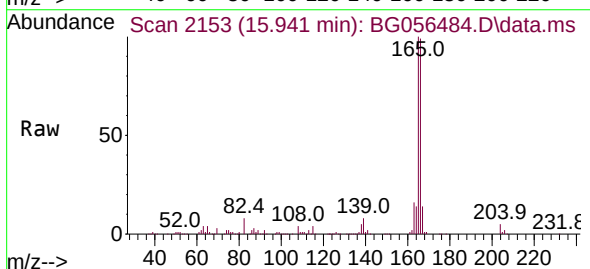
Manual Integrations

APPROVED

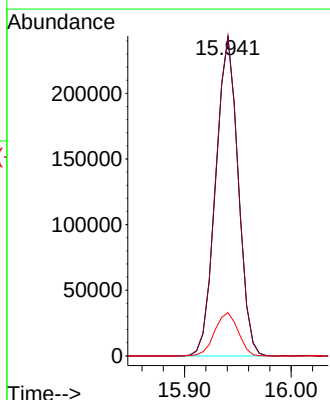
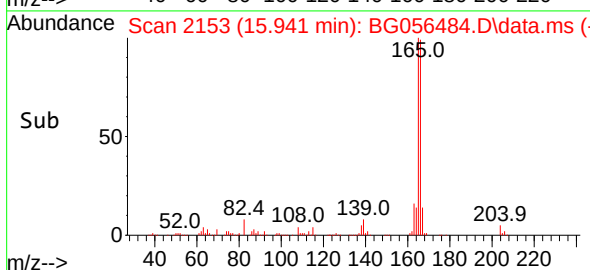
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

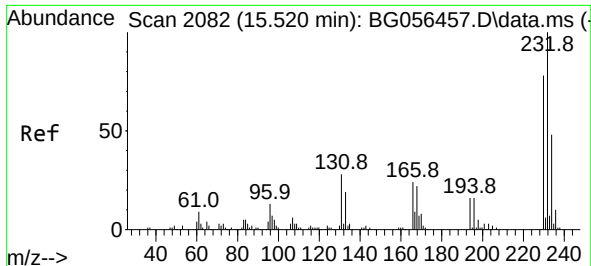


#58
Fluorene
Concen: 42.244 ng
RT: 15.941 min Scan# 2153
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:166 Resp: 356082
Ion Ratio Lower Upper
166 100
165 100.6 78.8 118.2
167 13.6 10.6 15.8





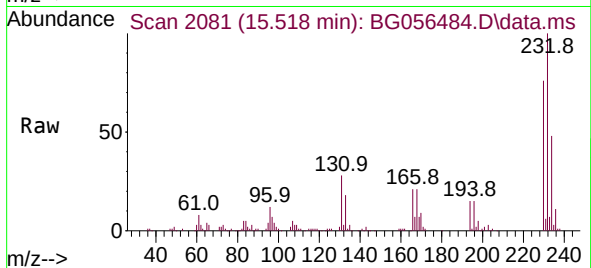
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.231 ng
RT: 15.518 min Scan# 2081
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

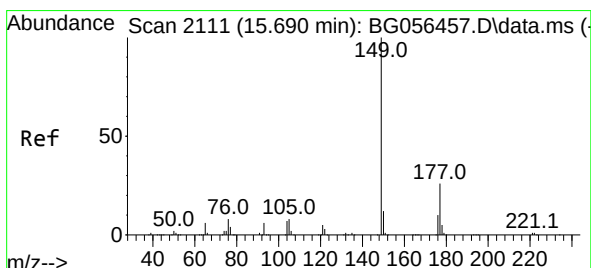
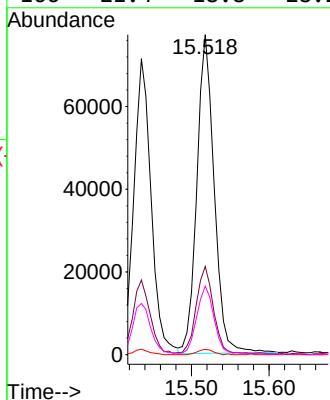
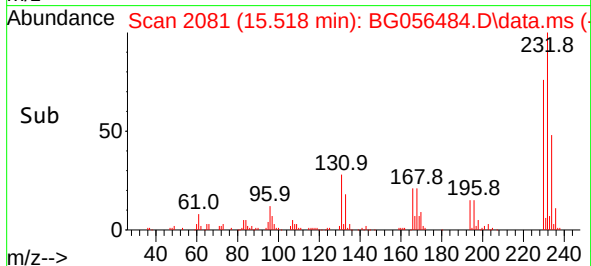


Tgt Ion:232 Resp: 119708
Ion Ratio Lower Upper
232 100
131 28.2 22.8 34.2
130 1.5 1.4 2.0
166 21.4 18.8 28.2

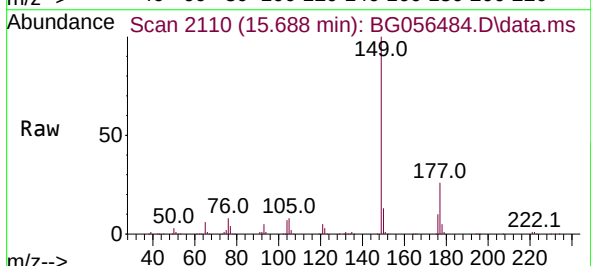
Manual Integrations

APPROVED

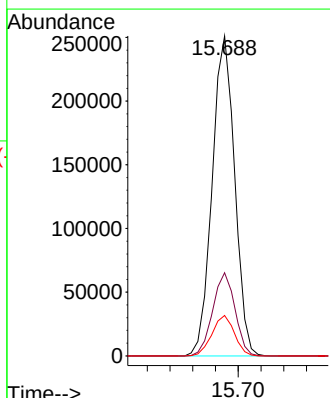
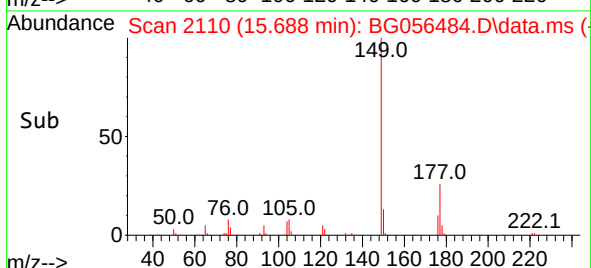
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

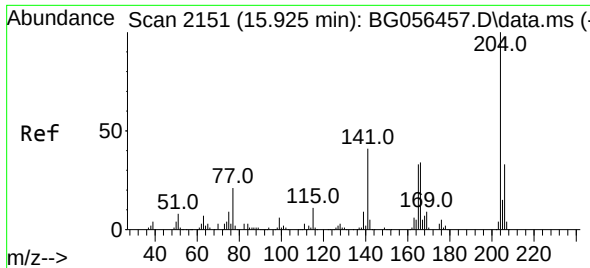


#60
Diethylphthalate
Concen: 41.980 ng
RT: 15.688 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



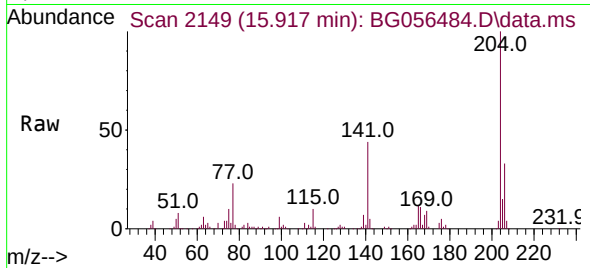
Tgt Ion:149 Resp: 344394
Ion Ratio Lower Upper
149 100
177 26.0 21.0 31.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.478 ng
RT: 15.917 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

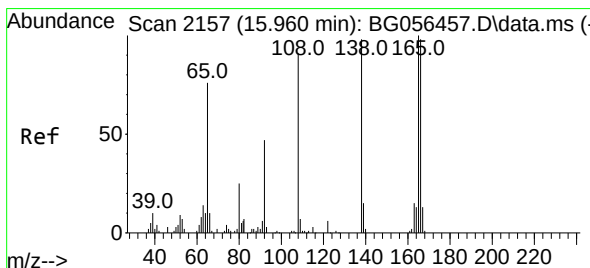
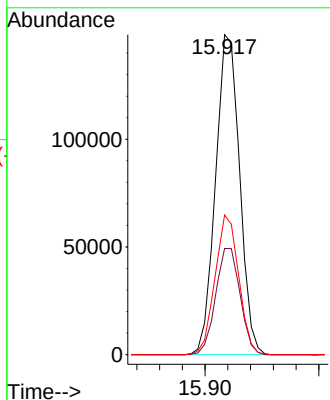
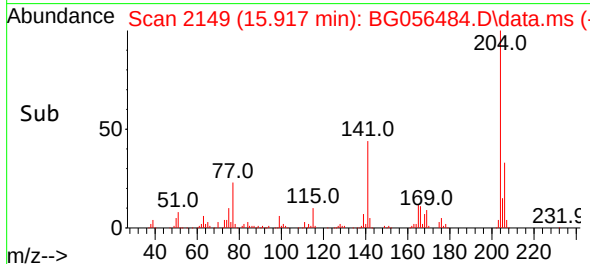
Instrument :
BNA_G
ClientSampleId :
PB150355BS



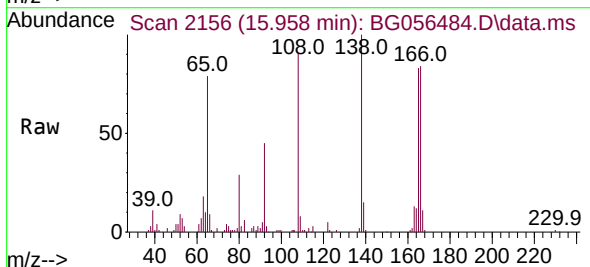
Tgt Ion:204 Resp: 218483
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 43.6 32.7 49.1

Manual Integrations
APPROVED

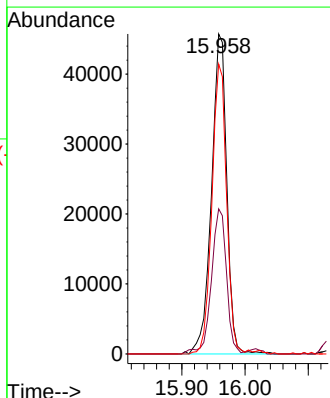
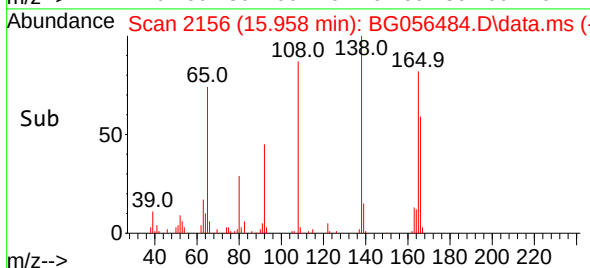
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

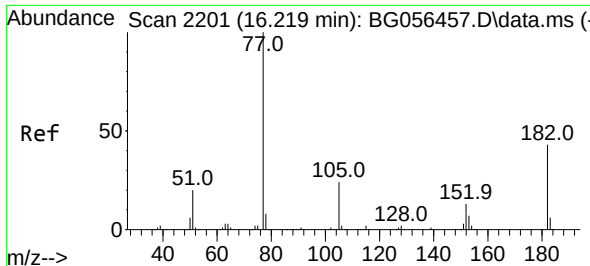


#62
4-Nitroaniline
Concen: 41.600 ng
RT: 15.958 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:138 Resp: 76886
Ion Ratio Lower Upper
138 100
92 45.3 27.8 67.8
108 90.6 72.6 112.6





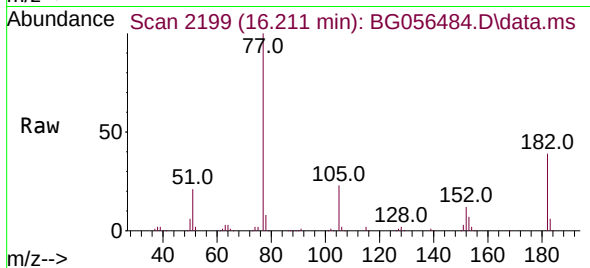
#63
Azobenzene
Concen: 42.831 ng
RT: 16.211 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

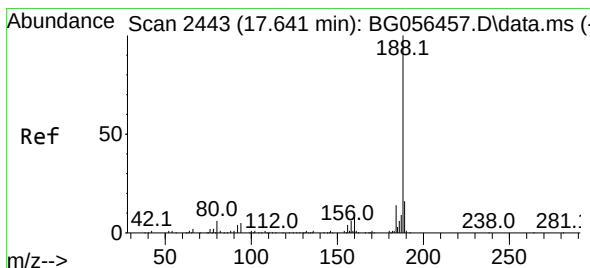
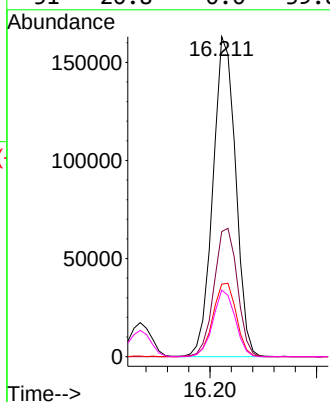
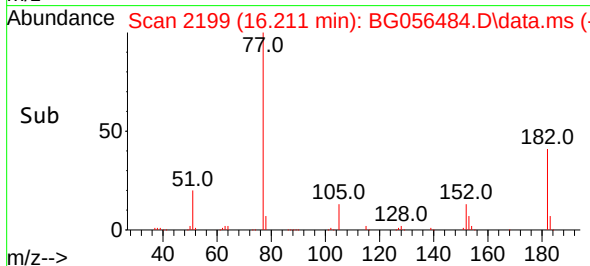


Tgt Ion: 77 Resp: 241776
Ion Ratio Lower Upper
77 100
182 39.1 23.1 63.1
105 22.6 4.2 44.2
51 20.8 0.0 39.8

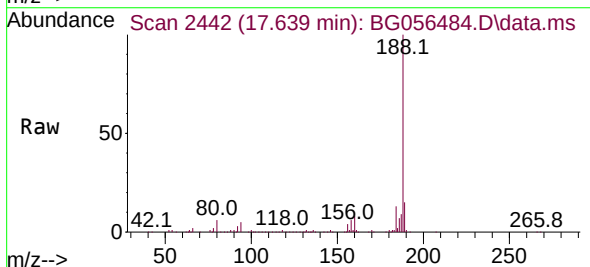
Manual Integrations

APPROVED

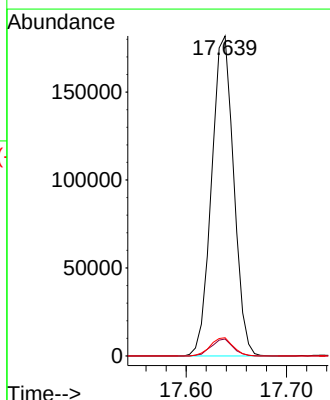
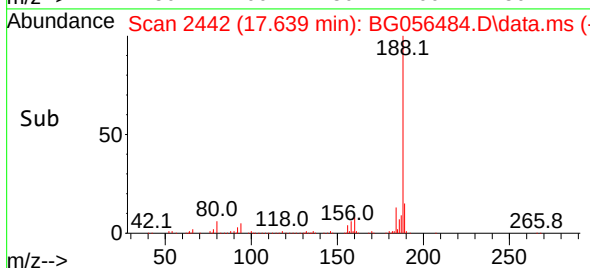
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

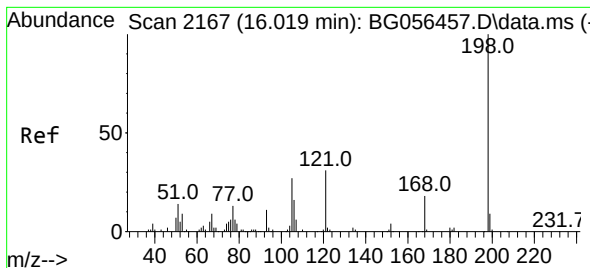


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.639 min Scan# 2442
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:188 Resp: 279117
Ion Ratio Lower Upper
188 100
94 5.3 4.1 6.1
80 5.7 5.0 7.4





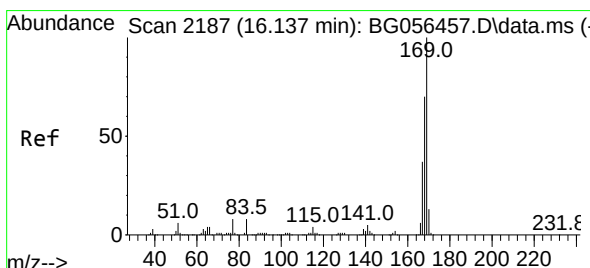
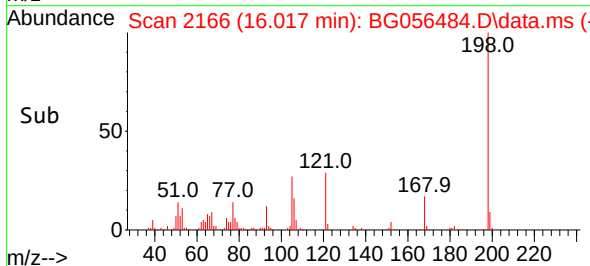
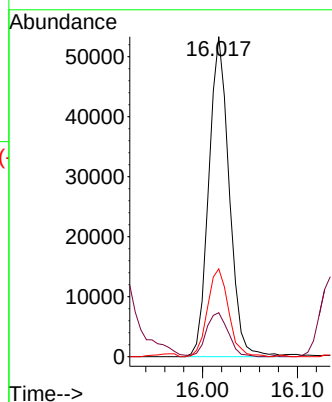
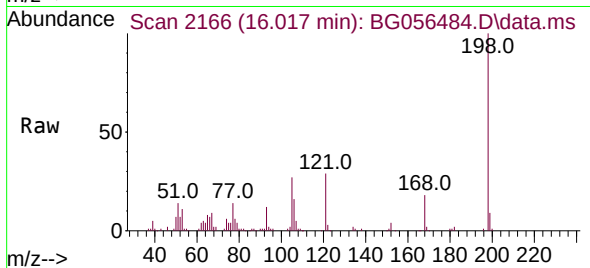
#65
4,6-Dinitro-2-methylphenol
Concen: 40.614 ng
RT: 16.017 min Scan# 2166
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion:198 Resp: 79699
Ion Ratio Lower Upper
198 100
51 13.7 0.0 35.0
105 27.4 7.4 47.4

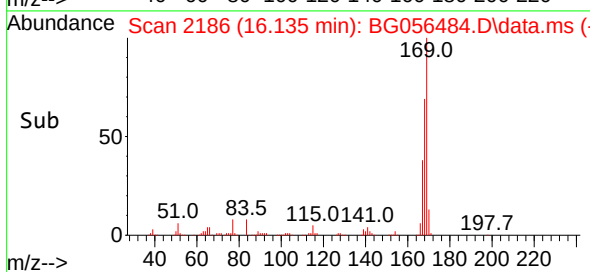
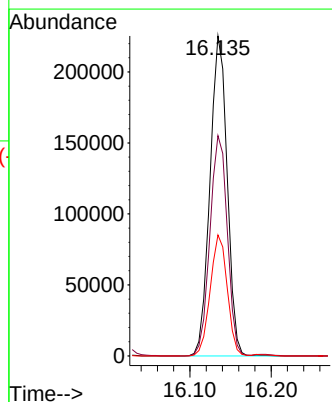
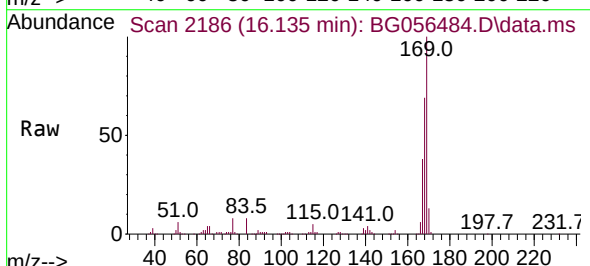
Manual Integrations
APPROVED

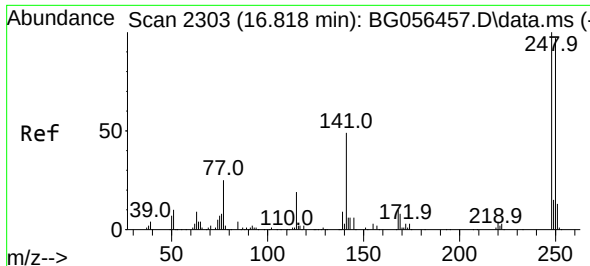
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#66
n-Nitrosodiphenylamine
Concen: 41.938 ng
RT: 16.135 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

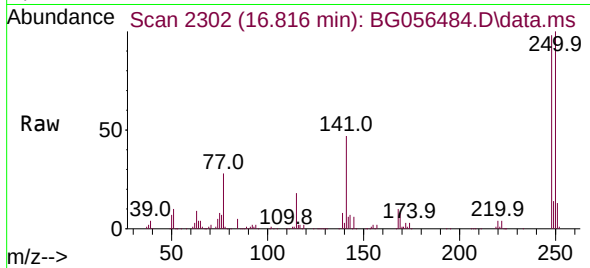
Tgt Ion:169 Resp: 331419
Ion Ratio Lower Upper
169 100
168 68.8 55.8 83.6
167 37.8 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 42.039 ng
RT: 16.816 min Scan# 2303
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

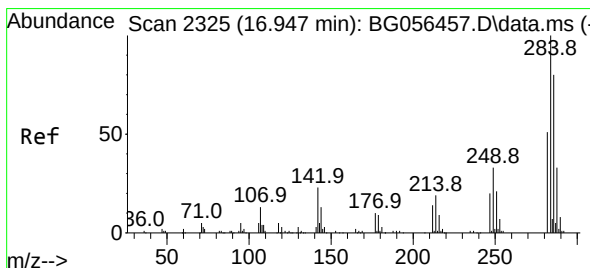
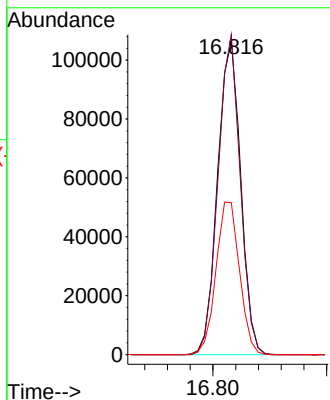
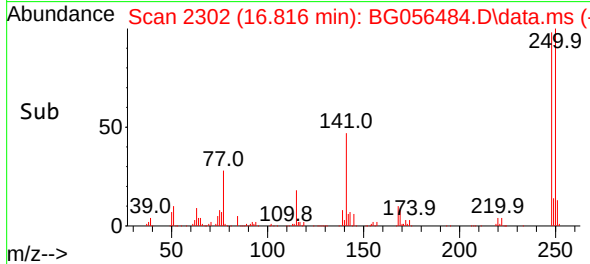
Instrument :
BNA_G
ClientSampleId :
PB150355BS



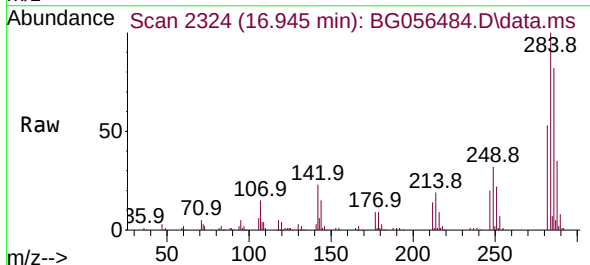
Tgt Ion:248 Resp: 150213
Ion Ratio Lower Upper
248 100
250 102.0 77.6 116.4
141 48.4 39.0 58.4

Manual Integrations
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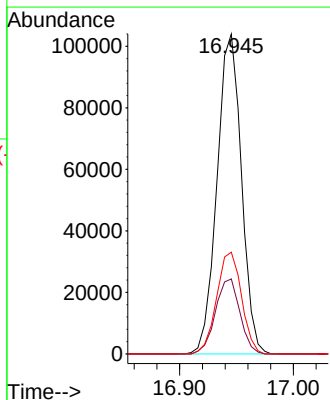
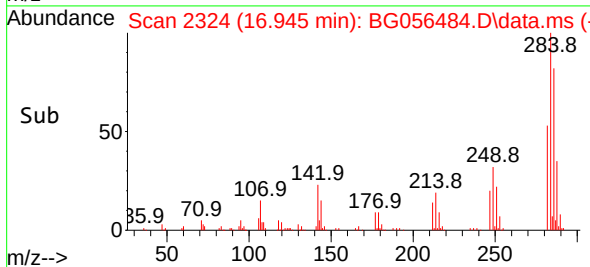
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

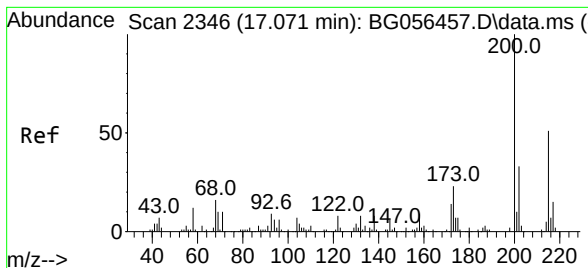


#68
Hexachlorobenzene
Concen: 44.240 ng
RT: 16.945 min Scan# 2324
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:284 Resp: 154826
Ion Ratio Lower Upper
284 100
142 23.4 18.0 27.0
249 31.8 26.7 40.1





#69

Atrazine

Concen: 45.114 ng

RT: 17.069 min Scan# 2345

Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Tgt Ion:200 Resp: 137542

Ion Ratio Lower Upper

200 100

173 22.8 3.2 43.2

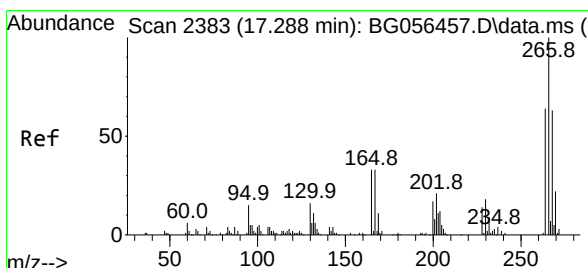
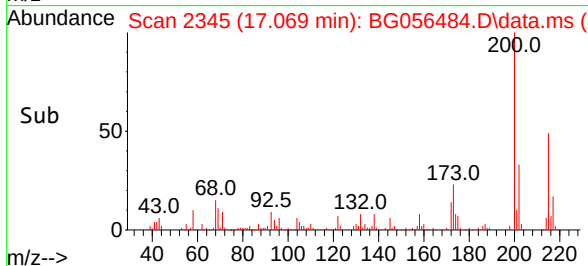
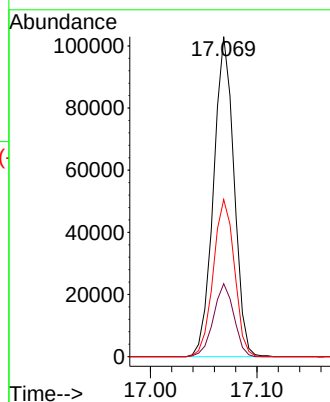
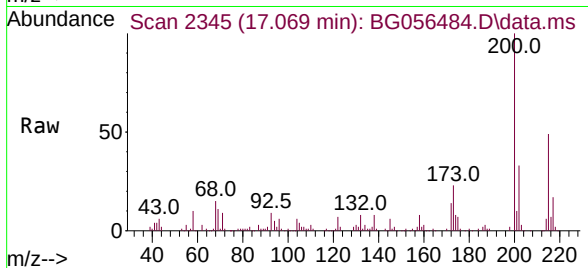
215 49.1 30.7 70.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#70

Pentachlorophenol

Concen: 73.746 ng

RT: 17.286 min Scan# 2382

Delta R.T. 0.004 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

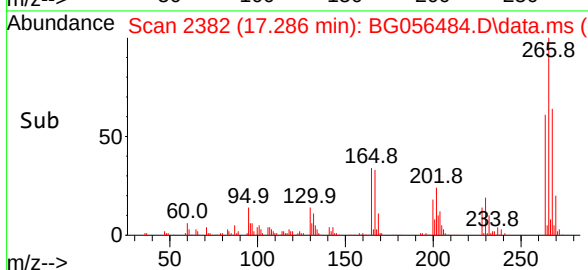
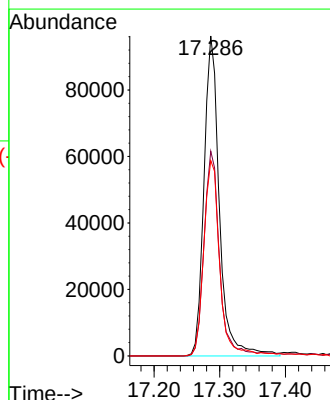
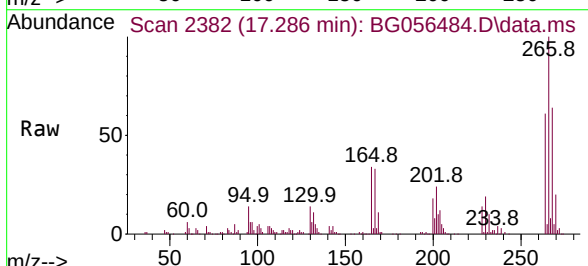
Tgt Ion:266 Resp: 156164

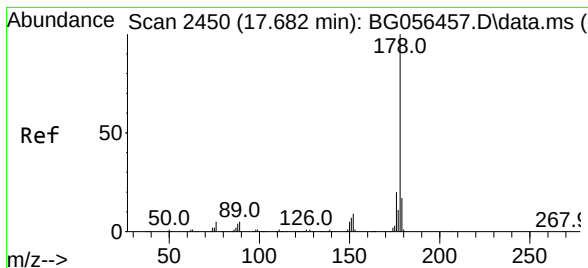
Ion Ratio Lower Upper

266 100

268 64.0 50.2 75.4

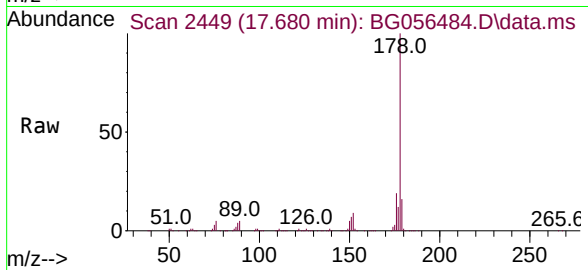
264 61.0 51.4 77.0





#71
Phenanthrene
Concen: 42.272 ng
RT: 17.680 min Scan# 2449
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

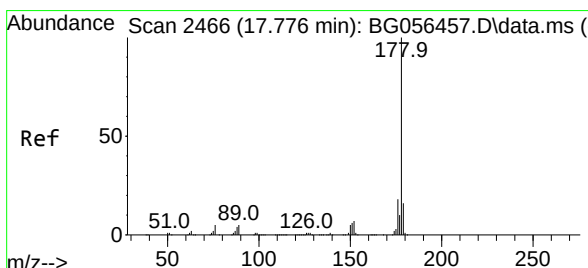
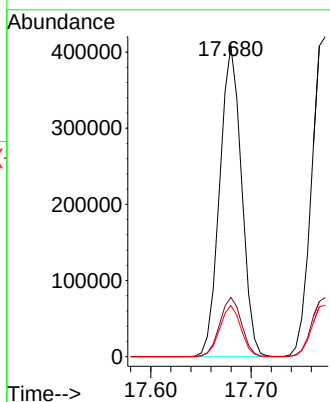
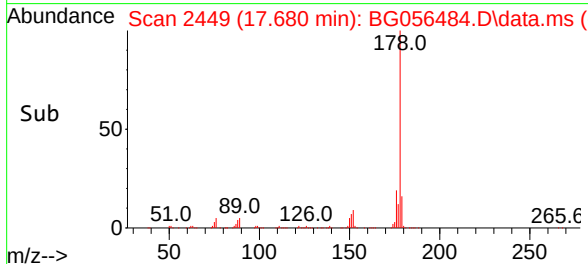
Instrument :
BNA_G
ClientSampleId :
PB150355BS



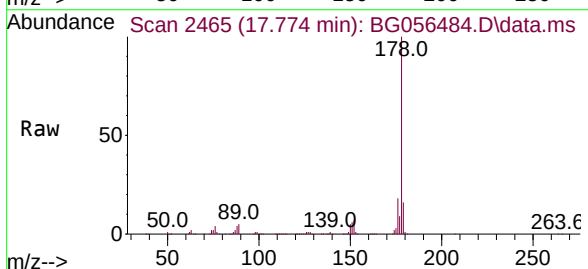
Tgt Ion:178 Resp: 617535
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.5 13.3 19.9

Manual Integrations
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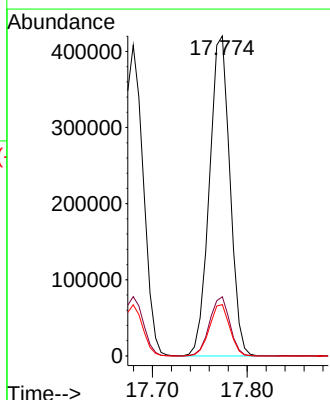
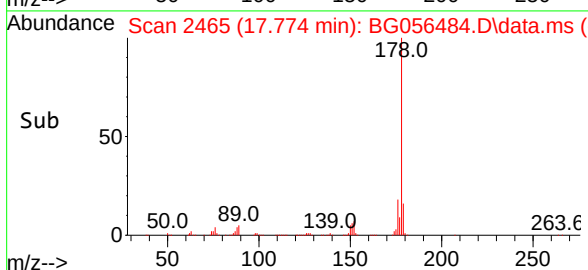
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

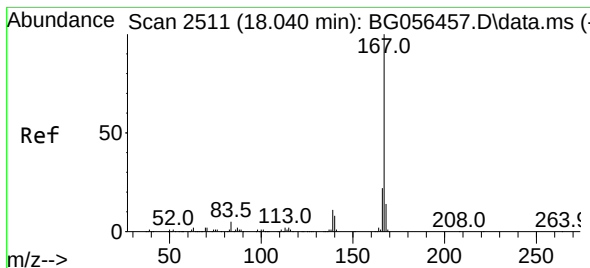


#72
Anthracene
Concen: 42.149 ng
RT: 17.774 min Scan# 2465
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:178 Resp: 632063
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 16.0 12.5 18.7





#73

Carbazole

Concen: 42.714 ng

RT: 18.038 min Scan# 2510

Delta R.T. 0.004 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Tgt Ion:167 Resp: 545540

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

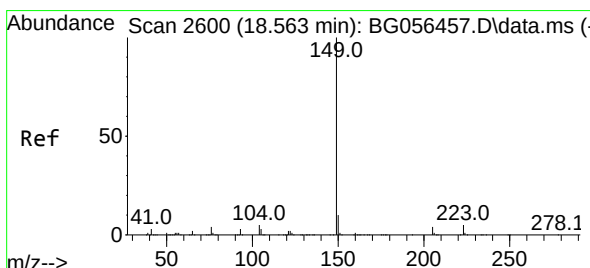
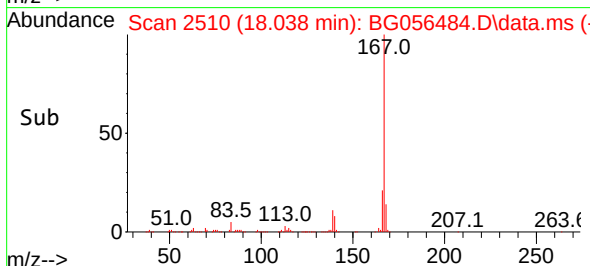
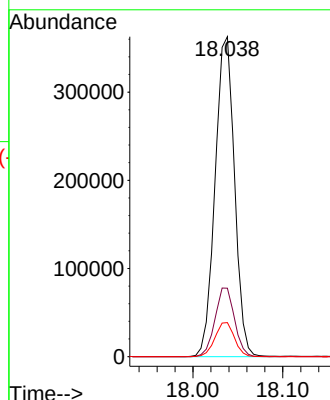
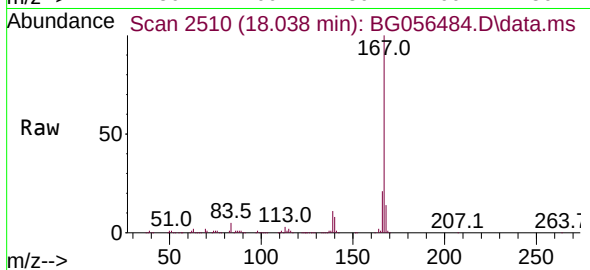
139 10.6 8.9 13.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#74

Di-n-butylphthalate

Concen: 41.487 ng

RT: 18.561 min Scan# 2599

Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

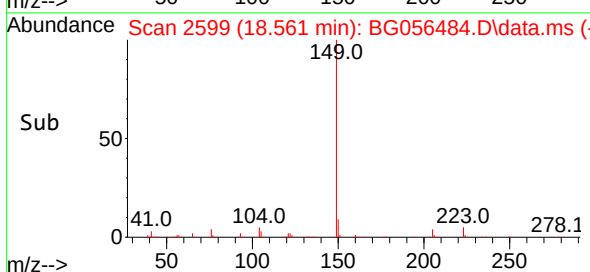
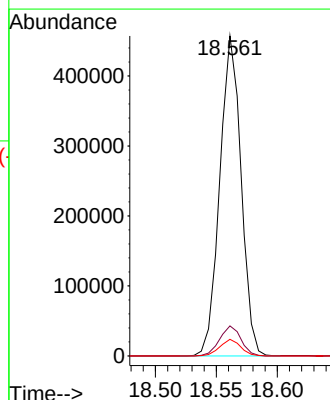
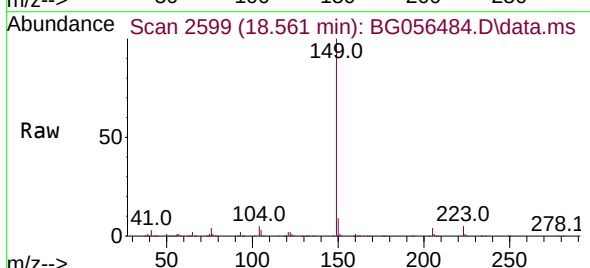
Tgt Ion:149 Resp: 556363

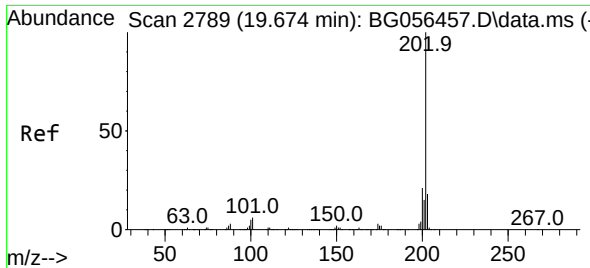
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.2 4.0 6.0





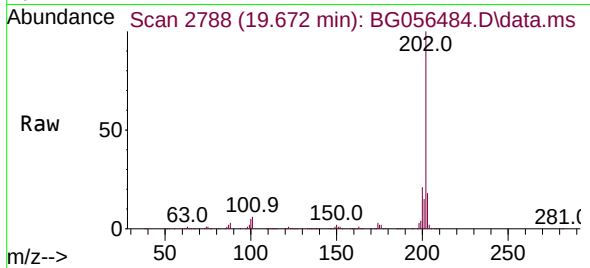
#75
Fluoranthene
Concen: 42.348 ng
RT: 19.672 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

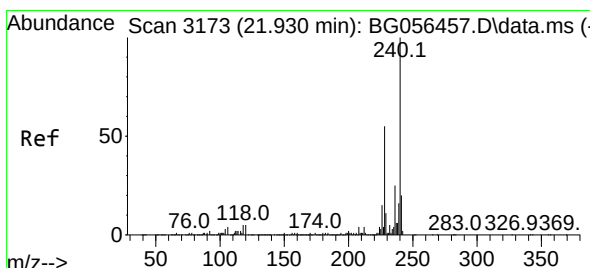
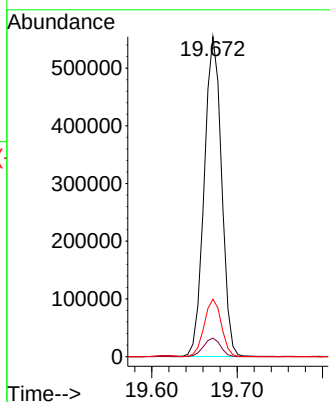
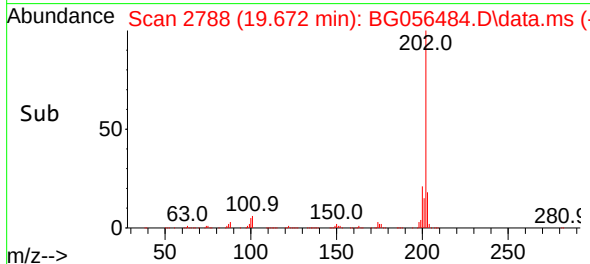


Tgt Ion:202 Resp: 780800
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.6
203 18.0 0.0 38.1

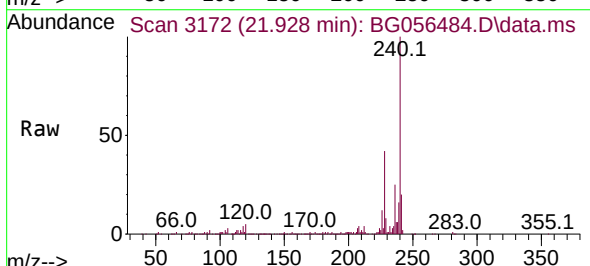
Manual Integrations

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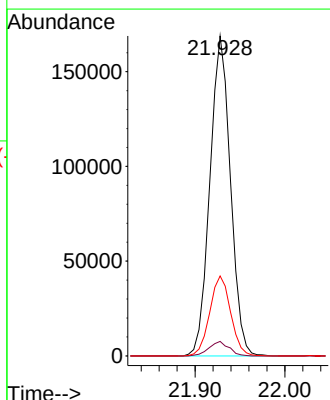
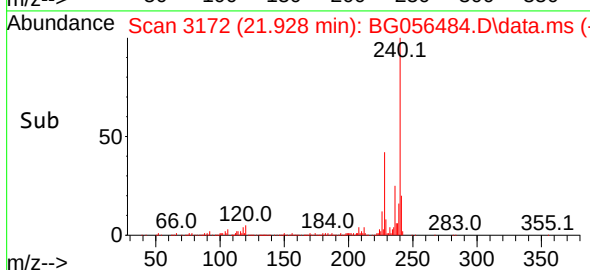
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

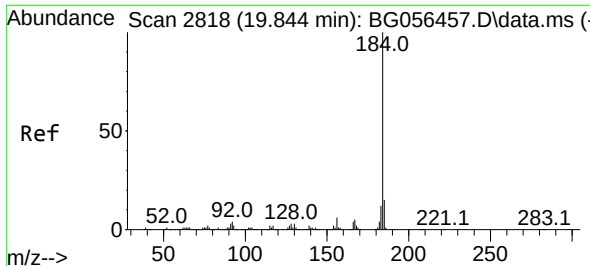


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



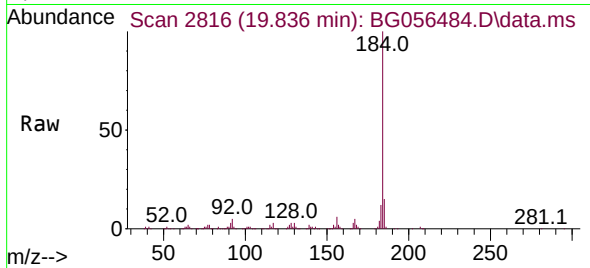
Tgt Ion:240 Resp: 269809
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 25.0 20.2 30.2





#77
Benzidine
Concen: 45.661 ng
RT: 19.836 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

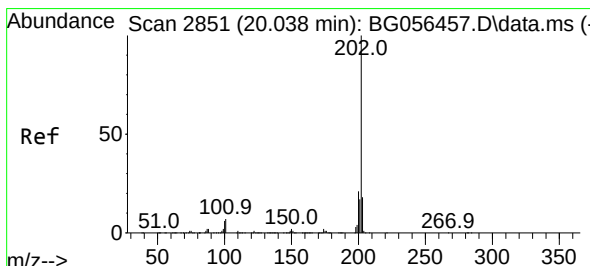
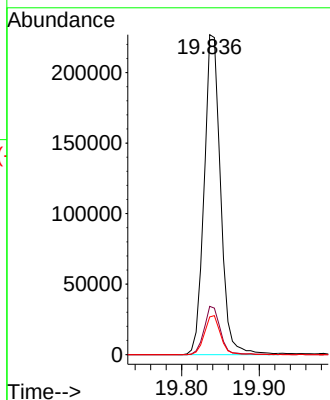
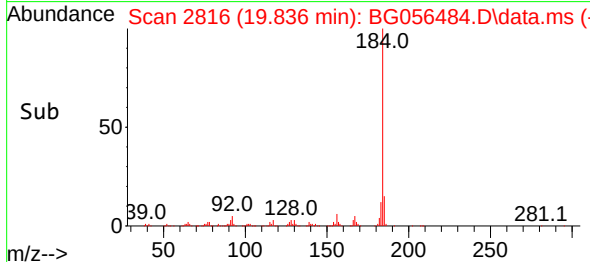
Instrument :
BNA_G
ClientSampleId :
PB150355BS



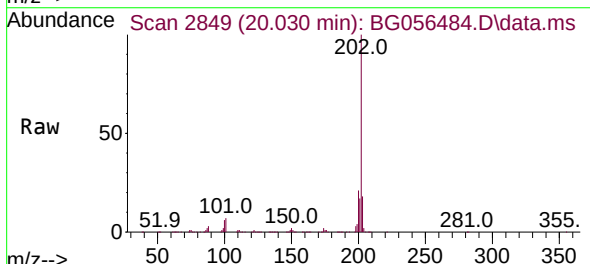
Tgt Ion:184 Resp: 333384
Ion Ratio Lower Upper
184 100
185 15.1 12.3 18.5
183 11.8 9.8 14.8

Manual Integrations
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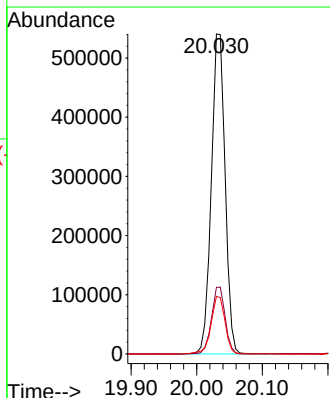
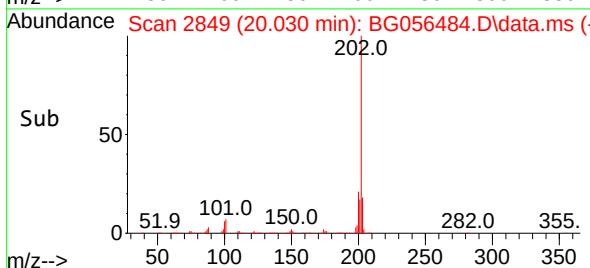
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

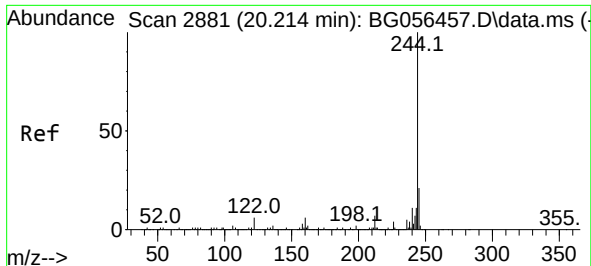


#78
Pyrene
Concen: 41.183 ng
RT: 20.030 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



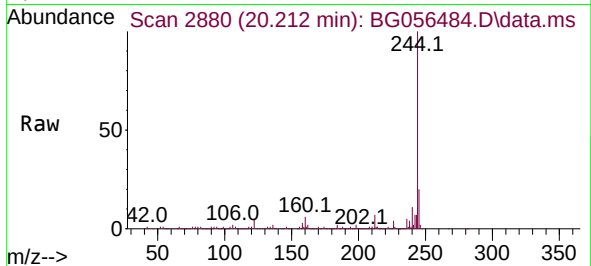
Tgt Ion:202 Resp: 790270
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.0 14.4 21.6





#79
Terphenyl-d14
Concen: 88.163 ng
RT: 20.212 min Scan# 2881
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

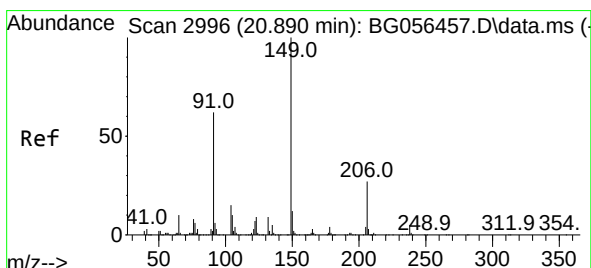
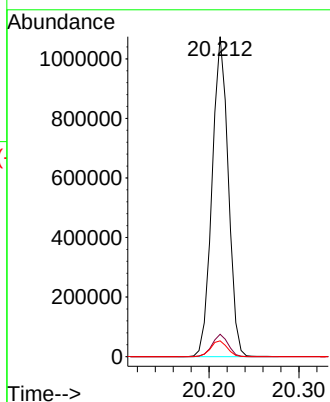
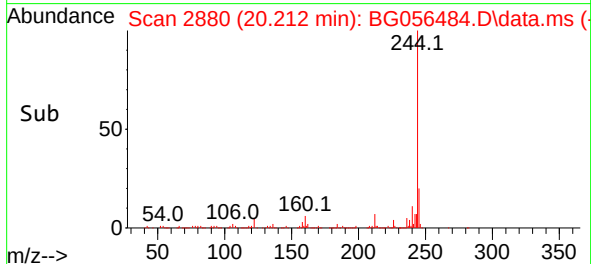
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:244 Resp: 1354345
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 4.9 4.4 6.6

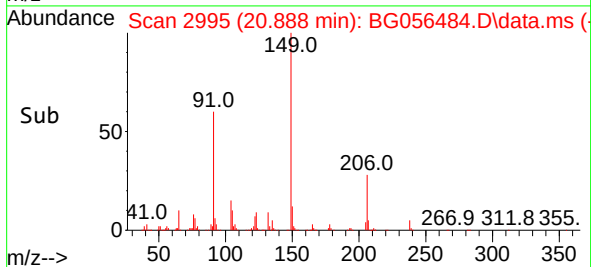
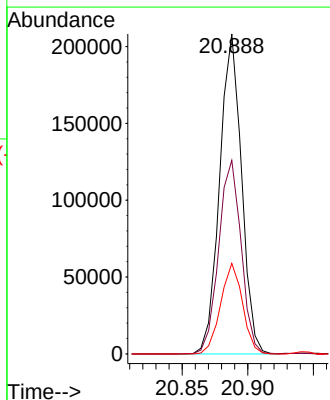
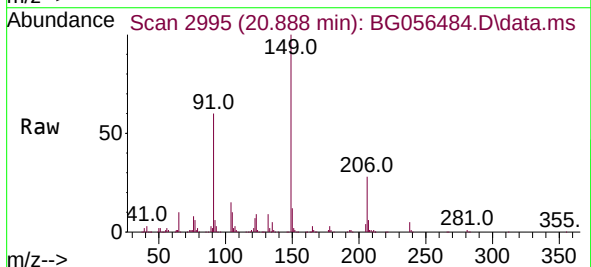
Manual Integrations
APPROVED

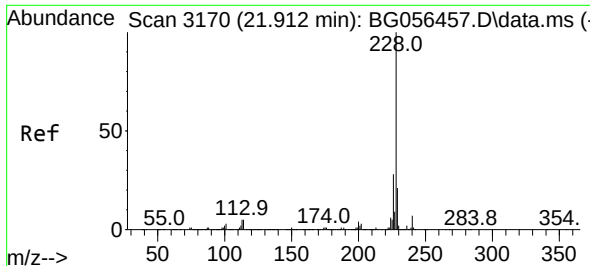
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#80
Butylbenzylphthalate
Concen: 41.318 ng
RT: 20.888 min Scan# 2995
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

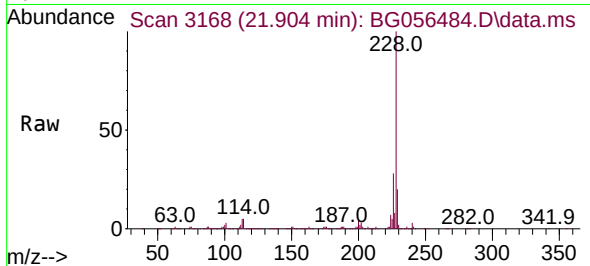
Tgt Ion:149 Resp: 242147
Ion Ratio Lower Upper
149 100
91 60.5 49.4 74.0
206 28.3 22.0 33.0





#81
Benzo(a)anthracene
Concen: 42.369 ng
RT: 21.904 min Scan# 3168
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

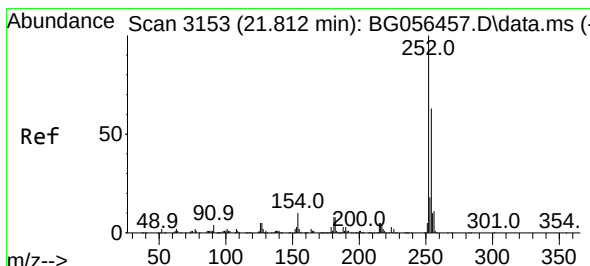
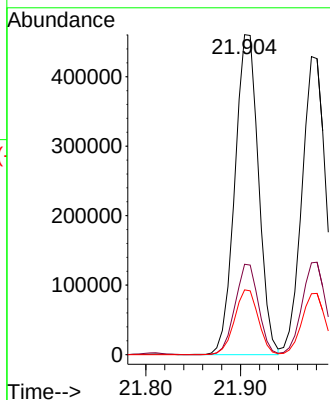
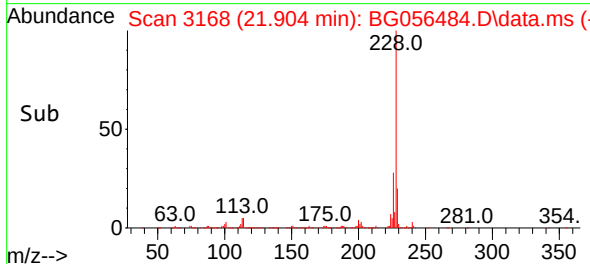
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:228 Resp: 799185
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.2 16.5 24.7

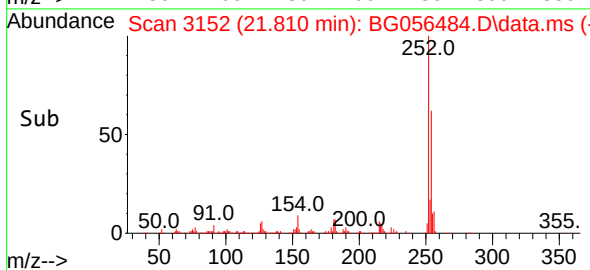
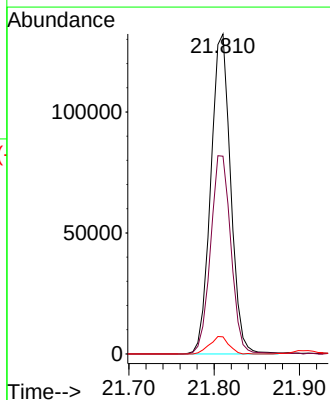
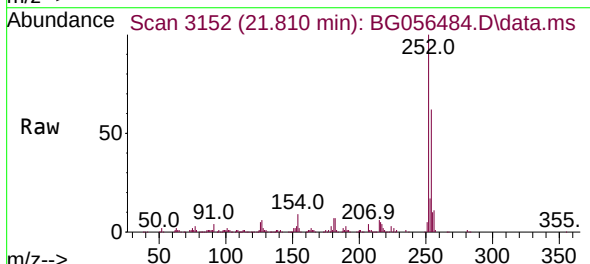
Manual Integrations
APPROVED

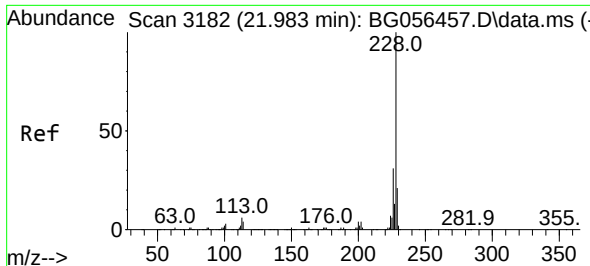
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.364 ng
RT: 21.810 min Scan# 3152
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:252 Resp: 213044
Ion Ratio Lower Upper
252 100
254 61.8 50.0 75.0
126 5.3 4.3 6.5





#83

Chrysene

Concen: 42.104 ng

RT: 21.975 min Scan# 3182

Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Tgt Ion:228 Resp: 746136

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

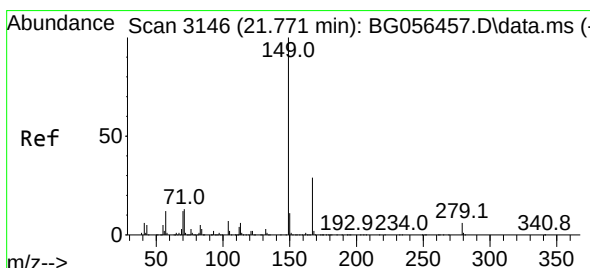
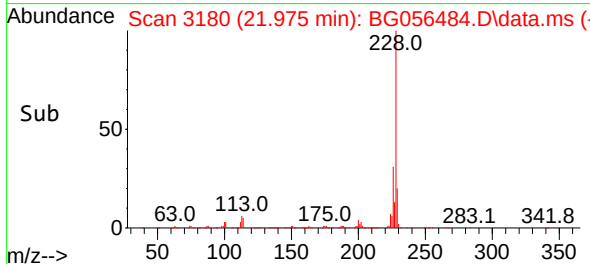
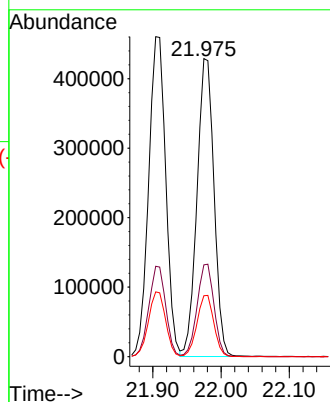
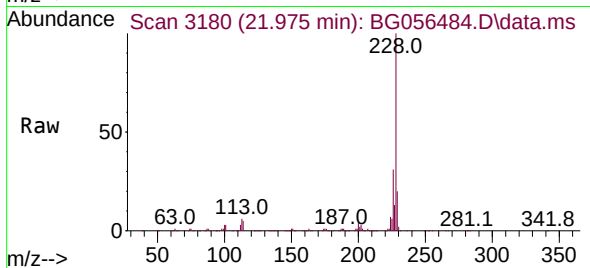
229 20.5 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.593 ng

RT: 21.763 min Scan# 3144

Delta R.T. -0.002 min

Lab File: BG056484.D

Acq: 31 Jan 2023 13:48

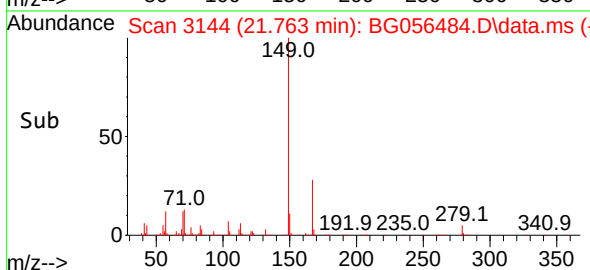
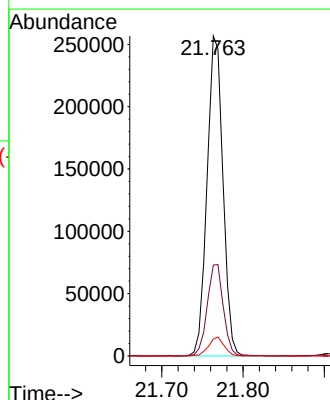
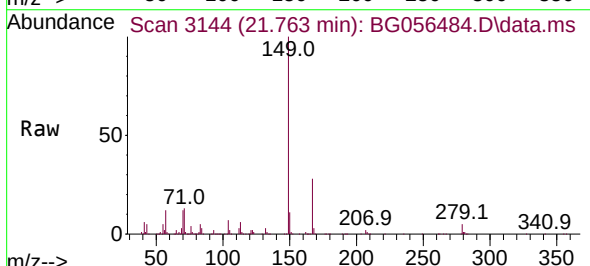
Tgt Ion:149 Resp: 349477

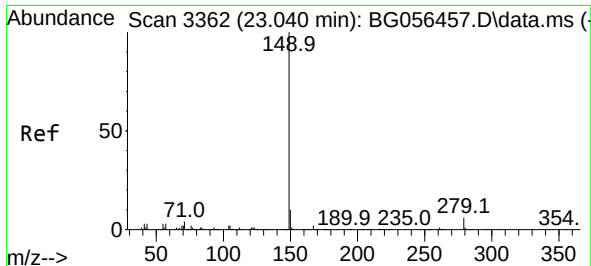
Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.2

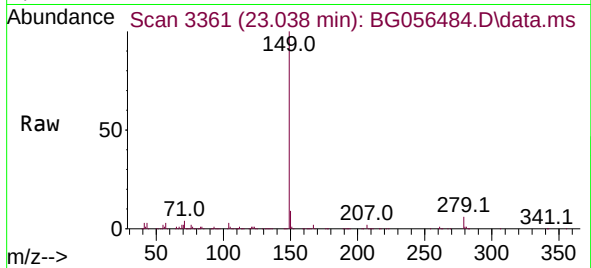
279 5.2 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 42.808 ng
RT: 23.038 min Scan# 3362
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

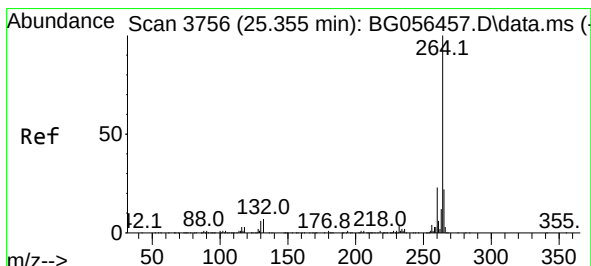
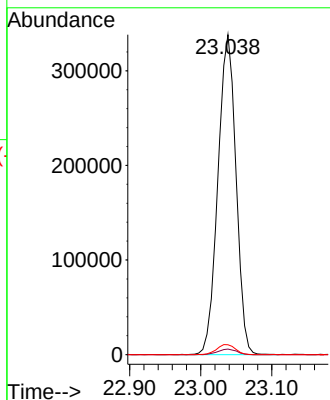
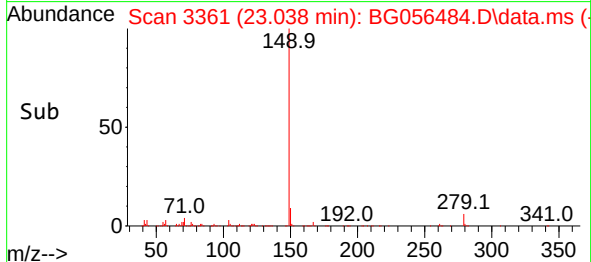
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:149 Resp: 599004
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.2 2.7 4.1

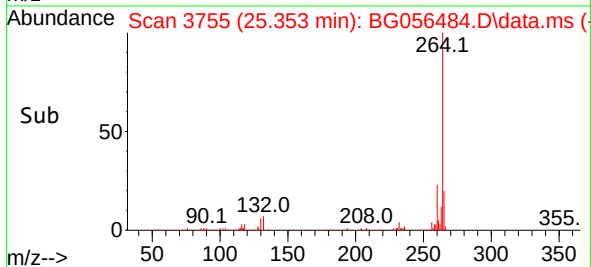
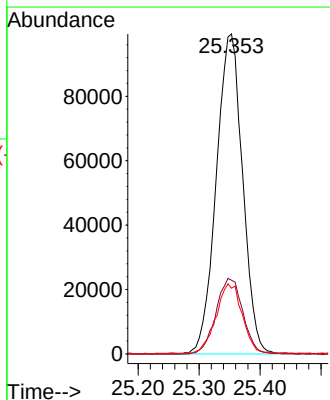
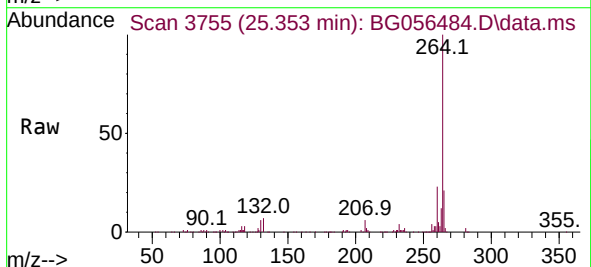
Manual Integrations
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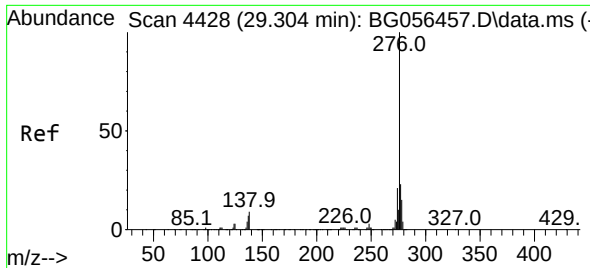
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.353 min Scan# 3755
Delta R.T. 0.009 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

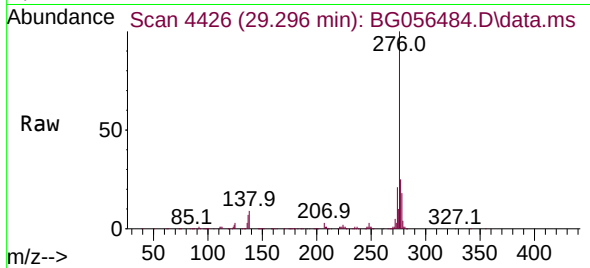
Tgt Ion:264 Resp: 297877
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.4
265 20.5 18.1 27.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.774 ng
RT: 29.296 min Scan# 4428
Delta R.T. 0.015 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

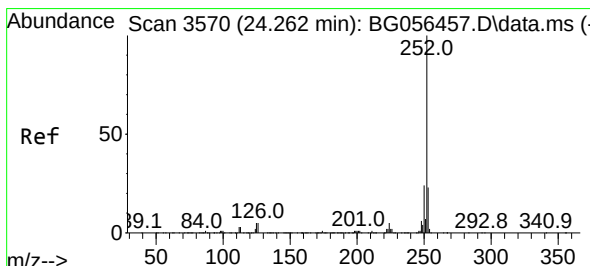
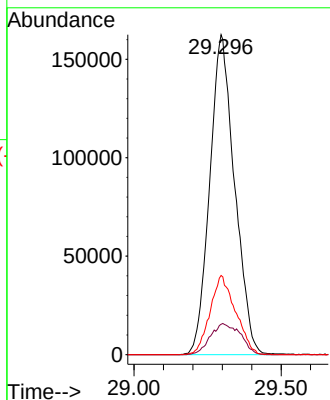
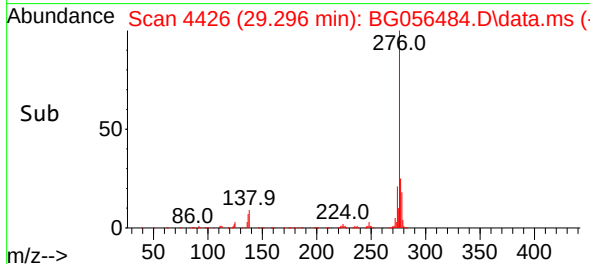
Instrument :
BNA_G
ClientSampleId :
PB150355BS



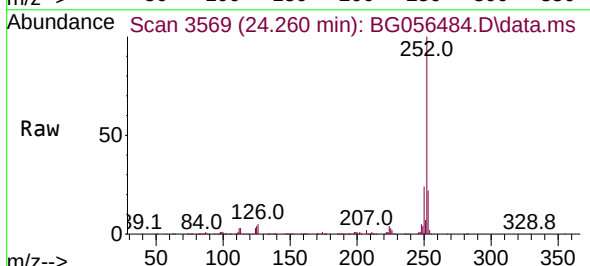
Tgt Ion:276 Resp: 954498
Ion Ratio Lower Upper
276 100
138 11.7 9.4 14.2
277 25.3 20.3 30.5

Manual Integrations
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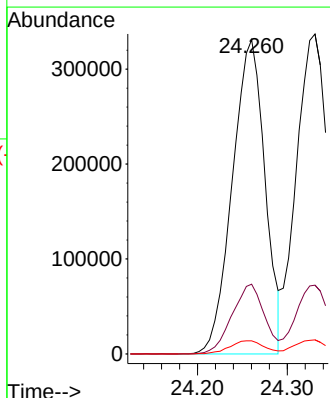
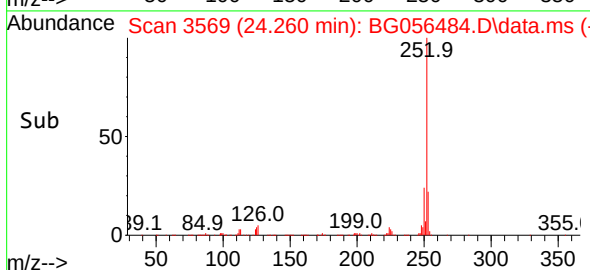
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

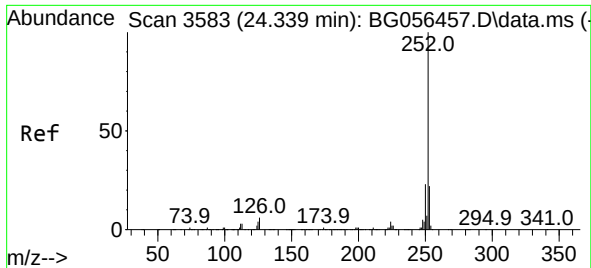


#88
Benzo(b)fluoranthene
Concen: 45.309 ng
RT: 24.260 min Scan# 3569
Delta R.T. 0.009 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



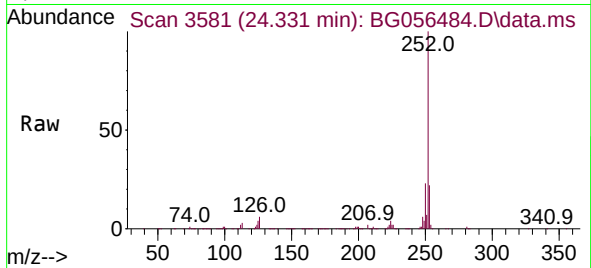
Tgt Ion:252 Resp: 837712
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 4.1 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 44.468 ng
RT: 24.331 min Scan# 3583
Delta R.T. 0.010 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

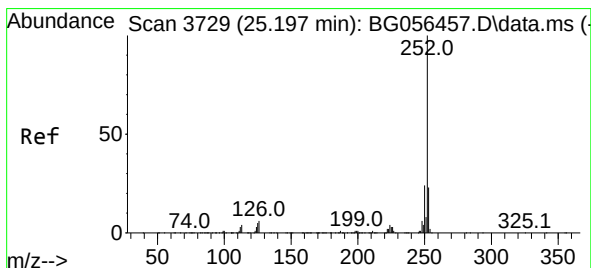
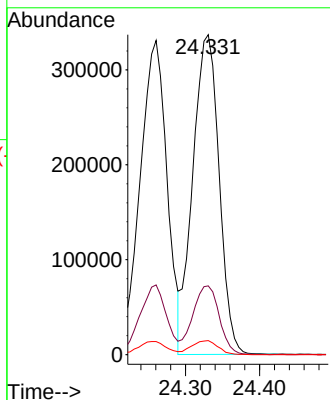
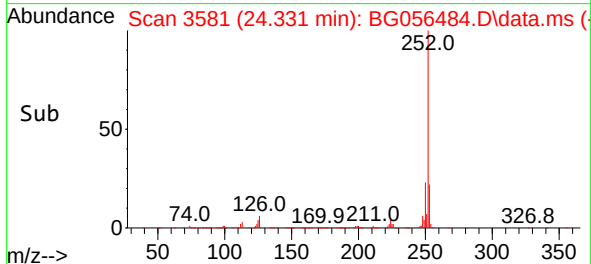
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:252 Resp: 830092
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 4.4 3.4 5.0

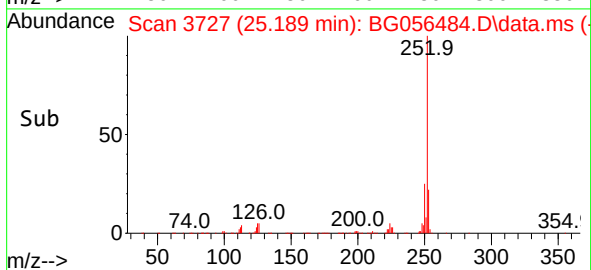
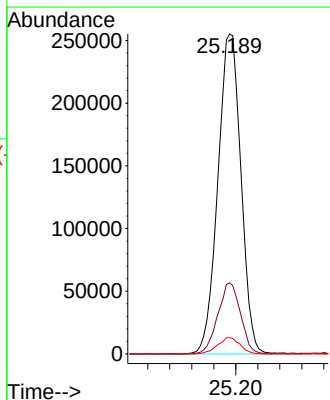
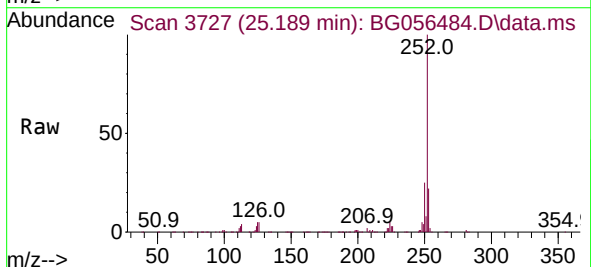
Manual Integrations
APPROVED

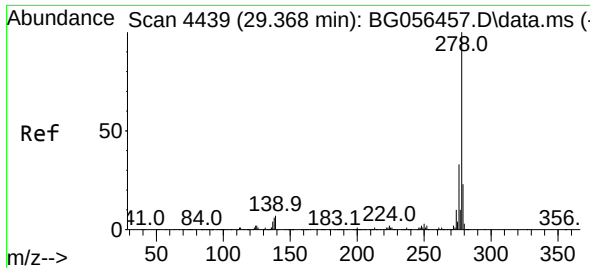
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#90
Benzo(a)pyrene
Concen: 40.767 ng
RT: 25.189 min Scan# 3727
Delta R.T. 0.004 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Tgt Ion:252 Resp: 742483
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 5.0 4.1 6.1





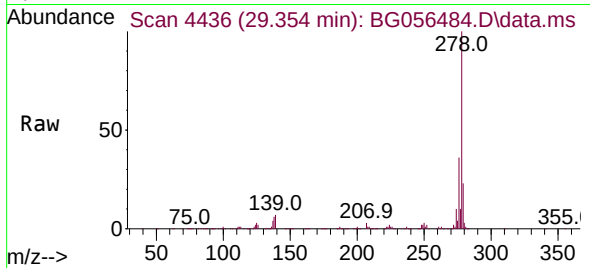
#91
Dibenzo(a,h)anthracene
Concen: 43.759 ng
RT: 29.354 min Scan# 4439
Delta R.T. 0.009 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48

Instrument :

BNA_G

ClientSampleId :

PB150355BS

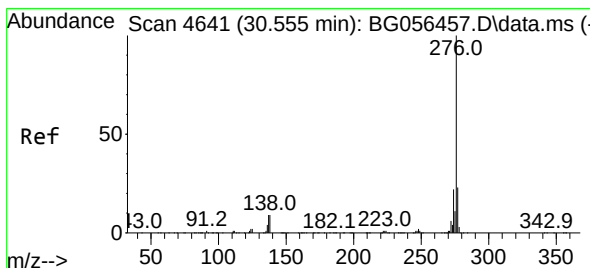
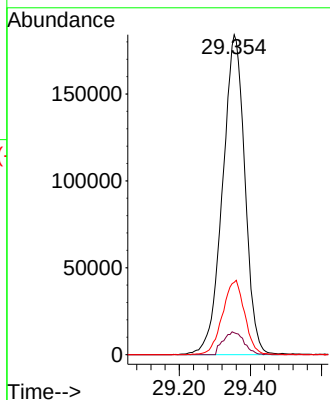
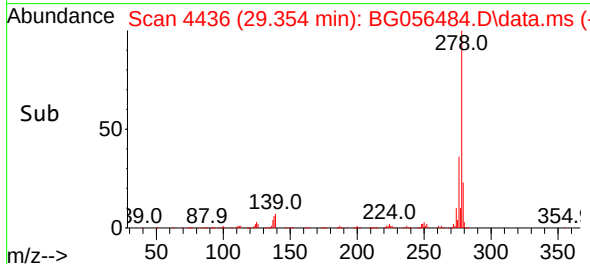


Tgt Ion:278 Resp: 800920
Ion Ratio Lower Upper
278 100
139 6.8 5.5 8.3
279 22.6 18.8 28.2

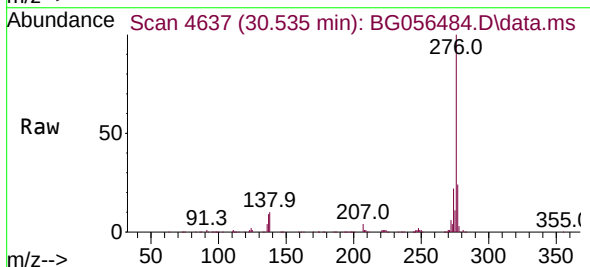
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.730 ng
RT: 30.535 min Scan# 4637
Delta R.T. 0.009 min
Lab File: BG056484.D
Acq: 31 Jan 2023 13:48



Tgt Ion:276 Resp: 772299
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 9.9 7.4 11.0

