

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056464.D
 Acq On : 27 Jan 2023 21:12
 Operator : CG/JU
 Sample : PB150335BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150335BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 01:12:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	38091	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	173529	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	158318	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	402756	20.000	ng	# 0.00
76) Chrysene-d12	21.931	240	403407	20.000	ng	0.00
86) Perylene-d12	25.351	264	377476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	327654	158.238	ng	0.00
7) Phenol-d6	7.431	99	464066	151.260	ng	0.00
23) Nitrobenzene-d5	9.458	82	240686	78.761	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	265616	126.199	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	861738	75.464	ng	0.00
79) Terphenyl-d14	20.216	244	1763268	76.770	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	24910	28.891	ng	# 96
3) Pyridine	4.017	79	68543	26.669	ng	98
4) n-Nitrosodimethylamine	3.929	42	21603	39.525	ng	94
6) Aniline	7.595	93	142102	35.376	ng	99
8) 2-Chlorophenol	7.842	128	114004	50.118	ng	99
9) Benzaldehyde	7.407	77	14613m	8.046	ng	
10) Phenol	7.454	94	158956	50.976	ng	98
11) bis(2-Chloroethyl)ether	7.683	93	93350	43.554	ng	96
12) 1,3-Dichlorobenzene	8.165	146	115330	44.036	ng	99
13) 1,4-Dichlorobenzene	8.312	146	119263	44.965	ng	97
14) 1,2-Dichlorobenzene	8.641	146	117864	45.802	ng	95
15) Benzyl Alcohol	8.518	79	104663	49.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.805	45	19585	43.126	ng	97
17) 2-Methylphenol	8.723	107	112300	47.339	ng	99
18) Hexachloroethane	9.375	117	34893	43.496	ng	95
19) n-Nitroso-di-n-propyla...	9.087	70	78566	44.437	ng	97
20) 3+4-Methylphenols	9.052	107	156577	47.098	ng	98
22) Acetophenone	9.111	105	182506	39.583	ng	# 98
24) Nitrobenzene	9.499	77	116362	39.476	ng	98
25) Isophorone	10.022	82	245169	38.889	ng	99
26) 2-Nitrophenol	10.216	139	74113	41.440	ng	97
27) 2,4-Dimethylphenol	10.263	122	127615m	42.637	ng	
28) bis(2-Chloroethoxy)met...	10.492	93	137378	39.445	ng	96
29) 2,4-Dichlorophenol	10.756	162	150839	44.772	ng	99
30) 1,2,4-Trichlorobenzene	10.973	180	149764	40.003	ng	99
31) Naphthalene	11.161	128	360282	39.337	ng	98
32) Benzoic acid	10.427	122	75456m	45.061	ng	
33) 4-Chloroaniline	11.267	127	139533	32.637	ng	97
34) Hexachlorobutadiene	11.438	225	106971	40.705	ng	99
35) Caprolactam	12.049	113	49893m	43.911	ng	
36) 4-Chloro-3-methylphenol	12.372	107	146064	44.893	ng	97
37) 2-Methylnaphthalene	12.748	142	295906	39.189	ng	98
38) 1-Methylnaphthalene	12.965	142	281311	39.891	ng	97
40) 1,2,4,5-Tetrachloroben...	13.112	216	218469	37.772	ng	99
41) Hexachlorocyclopentadiene	13.083	237	224203	73.672	ng	97
43) 2,4,6-Trichlorophenol	13.347	196	151991	40.778	ng	98

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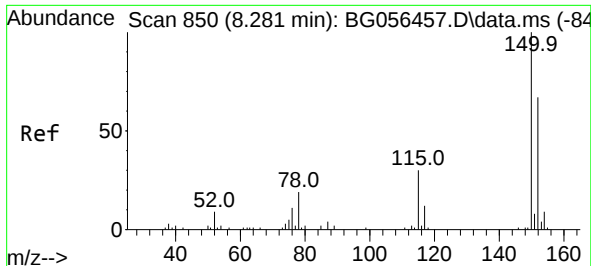
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.424	196	165198	37.855	ng	97
46) 1,1'-Biphenyl	13.735	154	442346	38.521	ng	100
47) 2-Chloronaphthalene	13.788	162	346996	38.660	ng	99
48) 2-Nitroaniline	13.982	65	71796	38.694	ng	91
49) Acenaphthylene	14.628	152	544820	37.308	ng	98
50) Dimethylphthalate	14.346	163	490057	38.261	ng	100
51) 2,6-Dinitrotoluene	14.469	165	108774	38.942	ng	98
52) Acenaphthene	14.963	154	327827	37.856	ng	100
53) 3-Nitroaniline	14.804	138	85563	31.597	ng	98
54) 2,4-Dinitrophenol	15.016	184	158752	90.658	ng	95
55) Dibenzofuran	15.298	168	588578	37.898	ng	99
56) 4-Nitrophenol	15.110	139	157387	85.059	ng	99
57) 2,4-Dinitrotoluene	15.257	165	155473	39.516	ng	100
58) Fluorene	15.944	166	479978	38.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.521	232	156155	40.245	ng	98
60) Diethylphthalate	15.691	149	457819	38.065	ng	99
61) 4-Chlorophenyl-phenylether	15.921	204	292261	38.758	ng	97
62) 4-Nitroaniline	15.968	138	99965	36.893	ng	97
63) Azobenzene	16.214	77	316837	38.285	ng	98
65) 4,6-Dinitro-2-methylph...	16.020	198	109401	38.636	ng	99
66) n-Nitrosodiphenylamine	16.138	169	442779	38.829	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	204444	39.652	ng	97
68) Hexachlorobenzene	16.949	284	207522	41.094	ng	99
69) Atrazine	17.072	200	180156	40.952	ng	99
70) Pentachlorophenol	17.290	266	231016	75.604	ng	99
71) Phenanthrene	17.683	178	828397	39.299	ng	99
72) Anthracene	17.771	178	824458	38.101	ng	98
73) Carbazole	18.036	167	731286	39.680	ng	99
74) Di-n-butylphthalate	18.565	149	749274	38.720	ng	99
75) Fluoranthene	19.675	202	1043653	39.228	ng	99
77) Benzidine	19.840	184	353308	32.364	ng	98
78) Pyrene	20.033	202	1051826	36.660	ng	99
80) Butylbenzylphthalate	20.891	149	321900	36.737	ng	98
81) Benzo(a)anthracene	21.908	228	1060770	37.612	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	381798	37.593	ng	100
83) Chrysene	21.978	228	989028	37.327	ng	100
84) Bis(2-ethylhexyl)phtha...	21.767	149	463149	36.867	ng	99
85) Di-n-octyl phthalate	23.042	149	768223	36.719	ng	100
87) Indeno(1,2,3-cd)pyrene	29.311	276	1201910	43.497	ng	99
88) Benzo(b)fluoranthene	24.264	252	1135789	48.477	ng	99
89) Benzo(k)fluoranthene	24.334	252	1062461	44.914	ng	99
90) Benzo(a)pyrene	25.198	252	974695	42.232	ng	98
91) Dibenzo(a,h)anthracene	29.364	278	1065815	45.952	ng	98
92) Benzo(g,h,i)perylene	30.551	276	1032562	46.138	ng	99

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



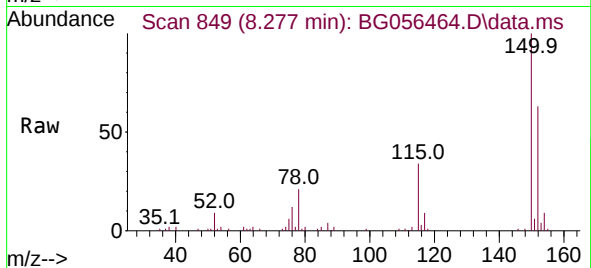
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

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BNA_G

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PB150335BS

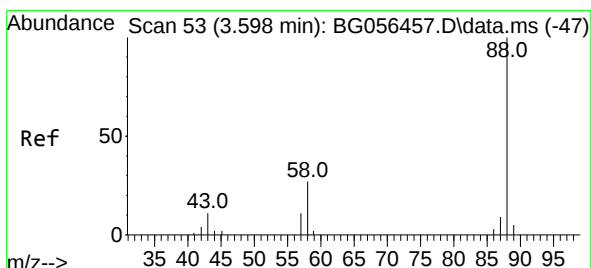
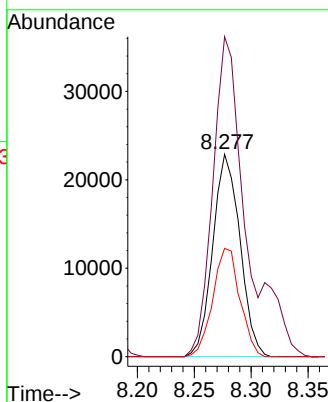
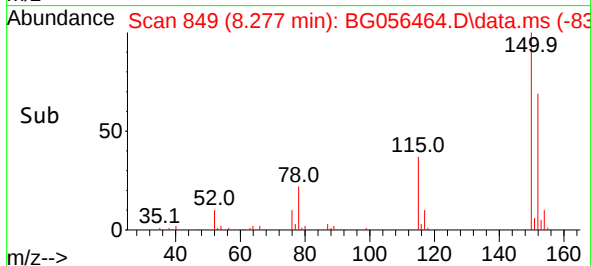


Tgt Ion:152 Resp: 3809
Ion Ratio Lower Upper
152 100
150 158.2 120.2 180.4
115 53.5 36.3 54.5

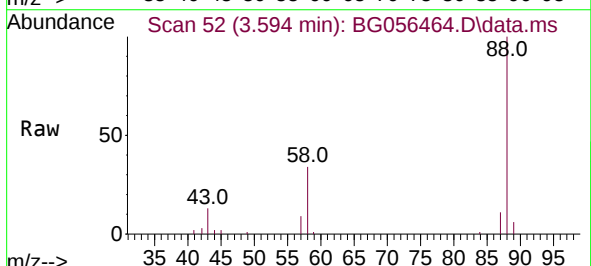
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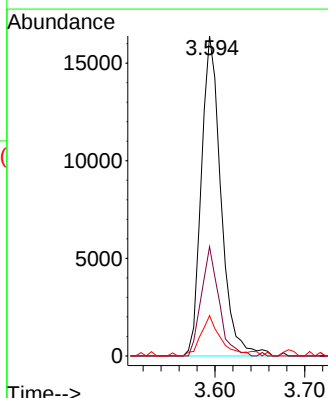
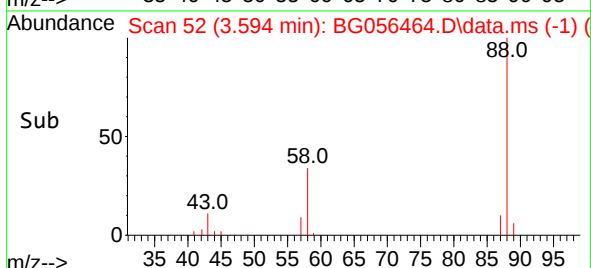
Reviewed By :Christian Giraldo 01/30/2023
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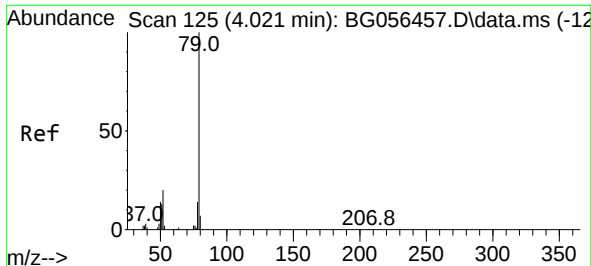


#2
1,4-Dioxane
Concen: 28.891 ng
RT: 3.594 min Scan# 52
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



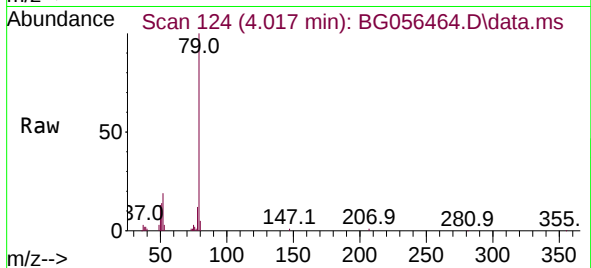
Tgt Ion: 88 Resp: 24910
Ion Ratio Lower Upper
88 100
58 30.6 23.0 34.4
43 12.3 8.0 12.0





#3
Pyridine
Concen: 26.669 ng
RT: 4.017 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

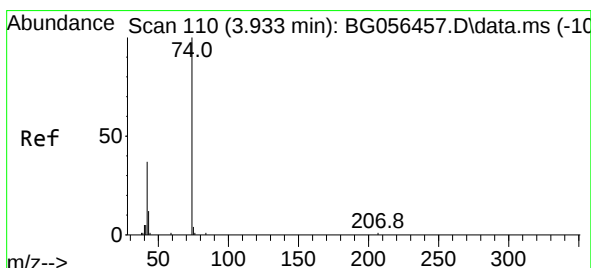
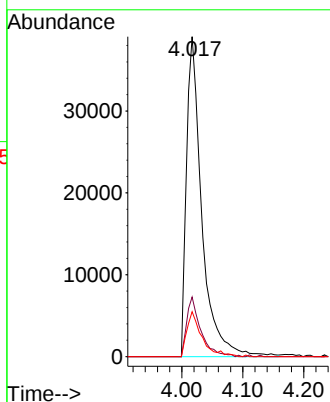
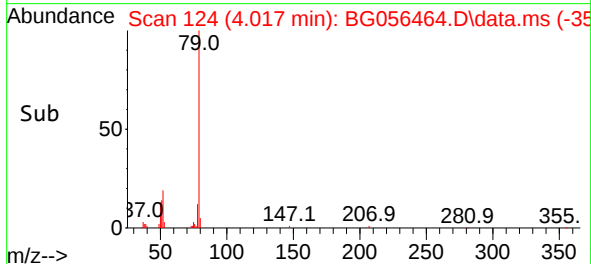
Instrument :
BNA_G
ClientSampleId :
PB150335BS



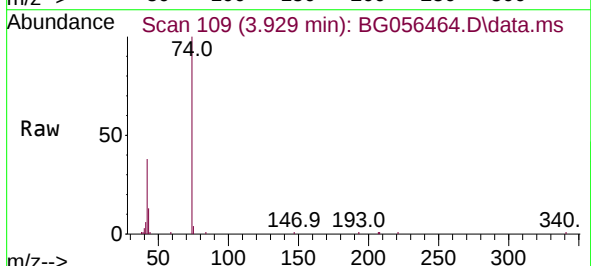
Tgt Ion: 79 Resp: 68543
Ion Ratio Lower Upper
79 100
52 18.7 16.1 24.1
51 14.0 10.7 16.1

Manual Integrations
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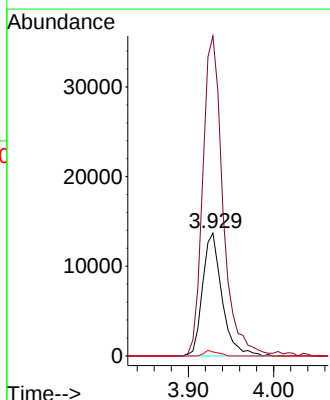
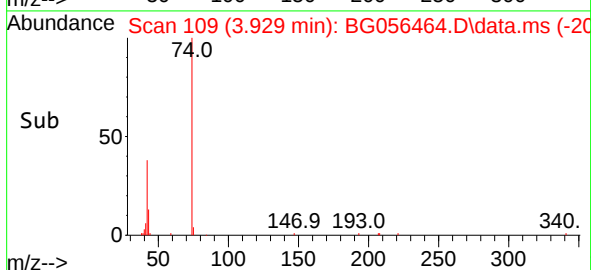
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#4
n-Nitrosodimethylamine
Concen: 39.525 ng
RT: 3.929 min Scan# 109
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion: 42 Resp: 21603
Ion Ratio Lower Upper
42 100
74 260.4 217.9 326.9
44 3.2 3.0 4.6





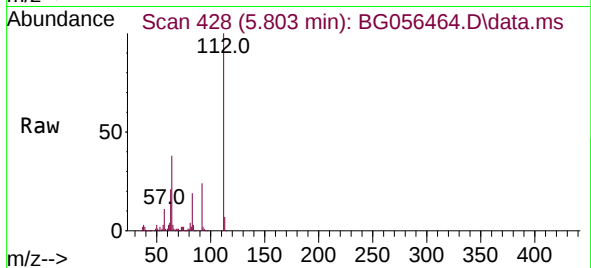
#5
2-Fluorophenol
Concen: 158.238 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

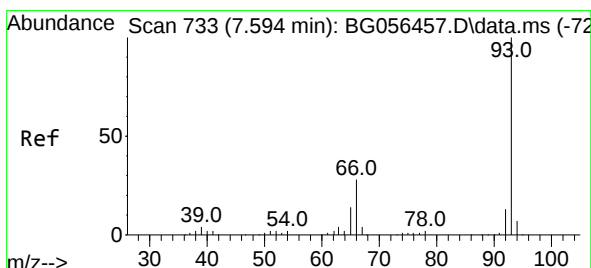
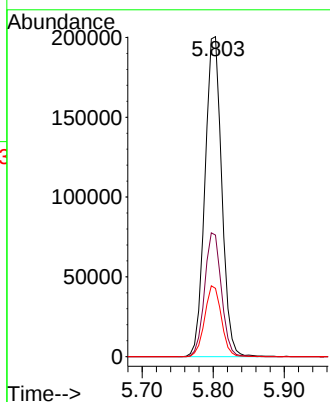
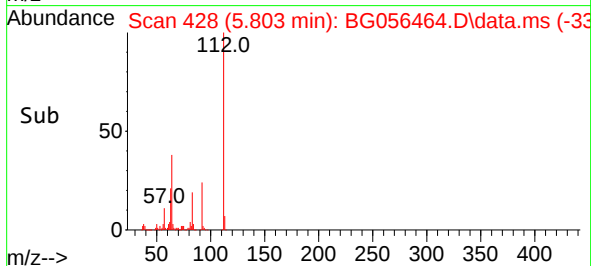
PB150335BS



Tgt Ion:112 Resp: 327654
Ion Ratio Lower Upper
112 100
64 38.0 31.9 47.9
63 21.4 17.4 26.0

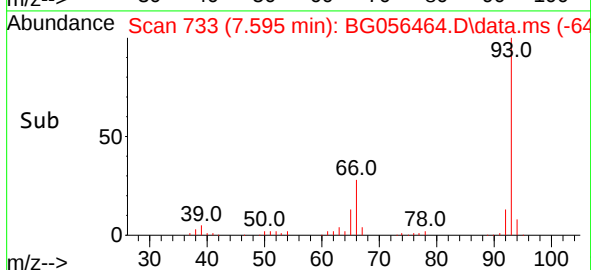
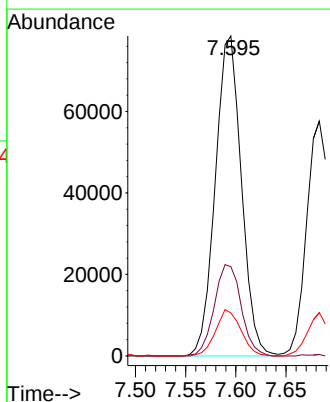
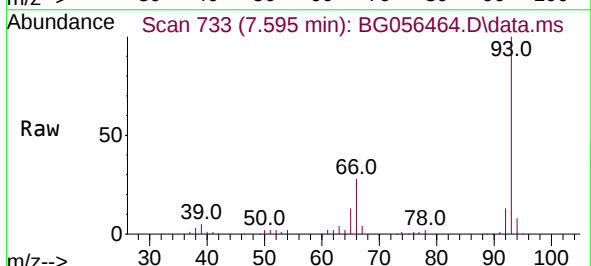
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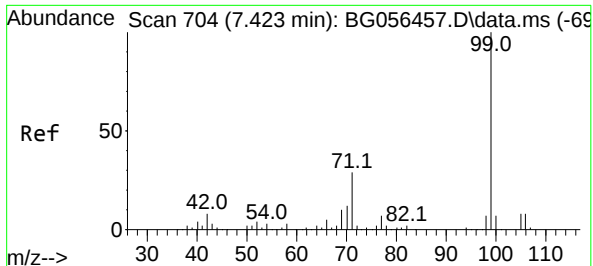
Reviewed By :Christian Giraldo 01/30/2023
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#6
Aniline
Concen: 35.376 ng
RT: 7.595 min Scan# 733
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

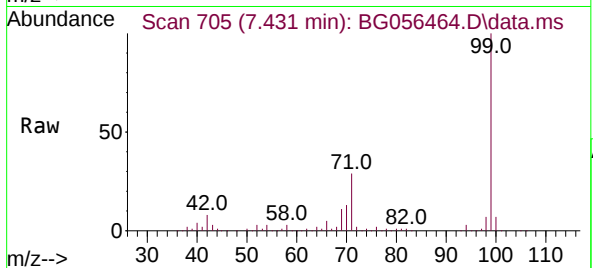
Tgt Ion: 93 Resp: 142102
Ion Ratio Lower Upper
93 100
66 27.9 22.2 33.2
65 13.4 11.3 16.9





#7
Phenol-d6
Concen: 151.260 ng
RT: 7.431 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

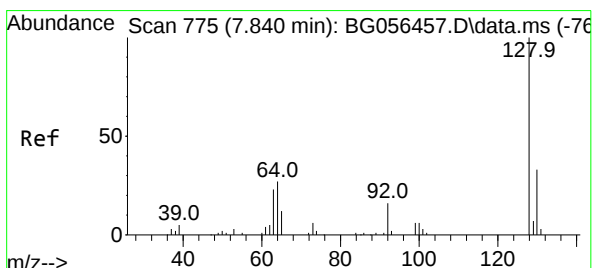
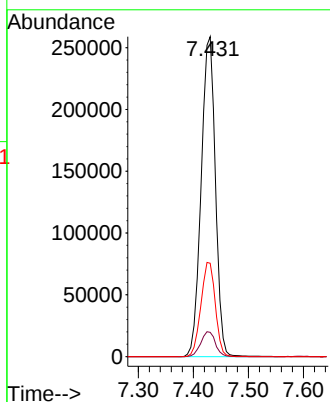
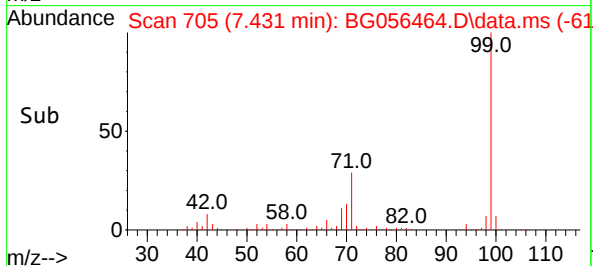
Instrument :
BNA_G
Client SampleId :
PB150335BS



Tgt Ion: 99 Resp: 464066
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.2 23.4 35.0

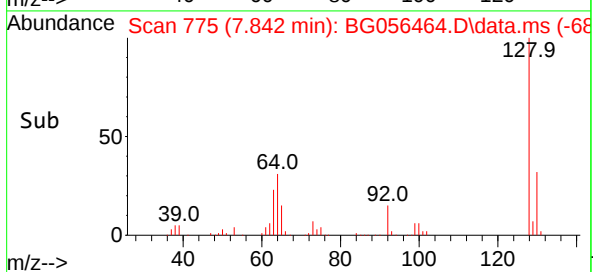
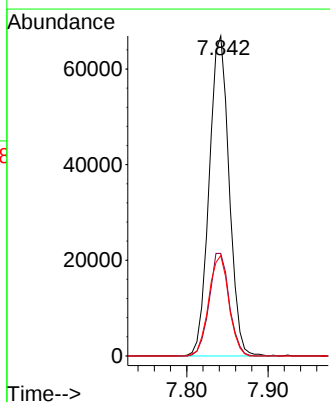
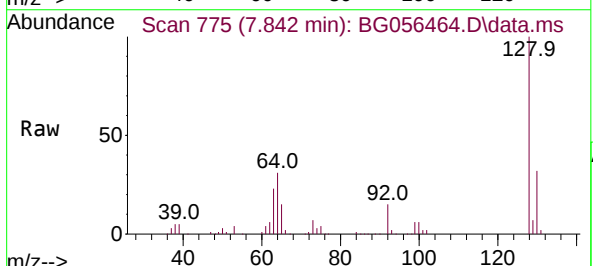
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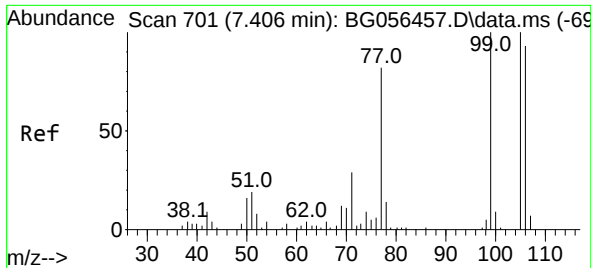
Reviewed By :Christian Giraldo 01/30/2023
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#8
2-Chlorophenol
Concen: 50.118 ng
RT: 7.842 min Scan# 775
Delta R.T. 0.001 min
Lab File: BG056464.D
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Tgt Ion:128 Resp: 114004
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 31.3 11.3 51.3





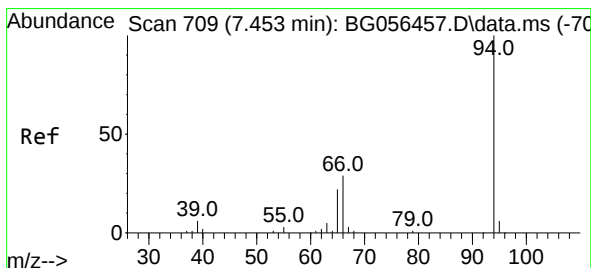
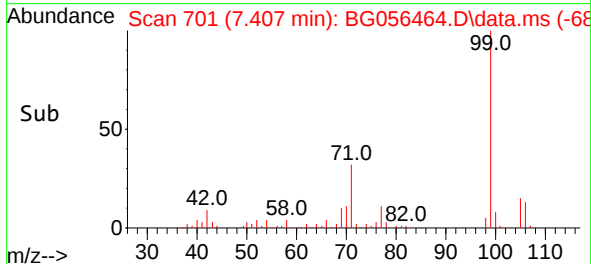
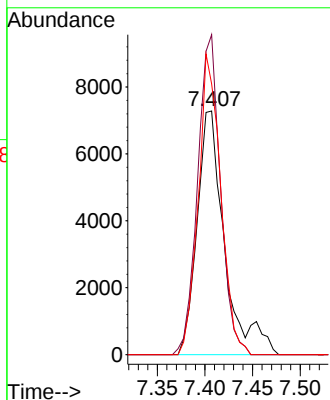
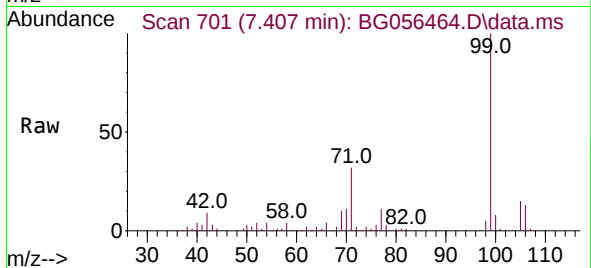
#9
Benzaldehyde
Concen: 8.046 ng m
RT: 7.407 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :
BNA_G
ClientSampleId :
PB150335BS

Tgt Ion: 77 Resp: 14613
Ion Ratio Lower Upper
77 100
105 131.3 101.8 141.8
106 111.1 93.0 133.0

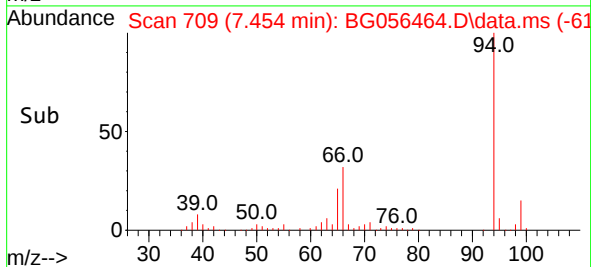
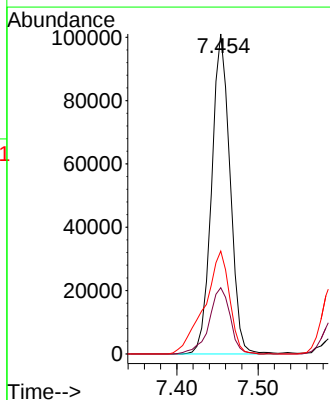
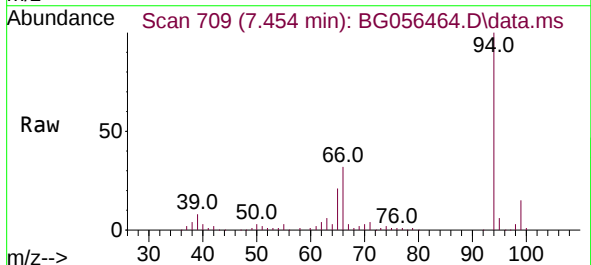
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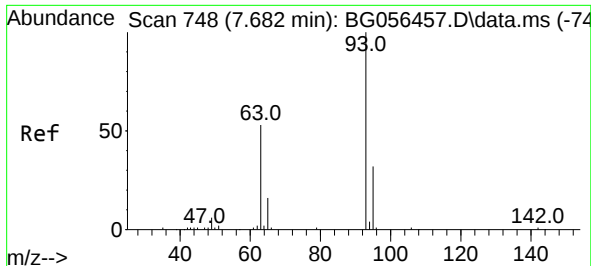
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#10
Phenol
Concen: 50.976 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 94 Resp: 158956
Ion Ratio Lower Upper
94 100
65 20.7 2.3 42.3
66 32.2 11.2 51.2





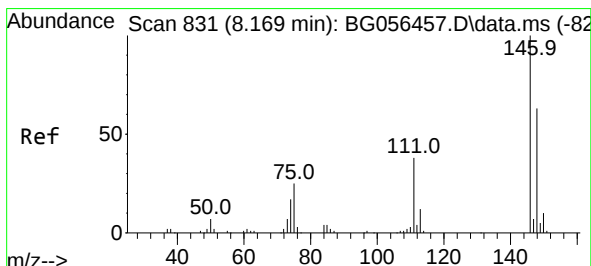
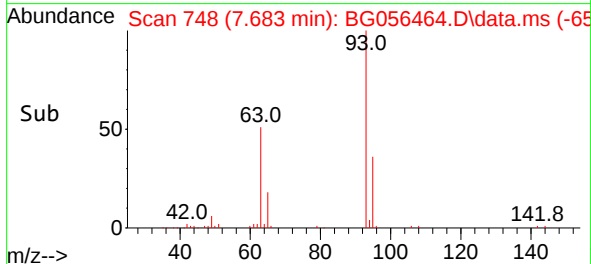
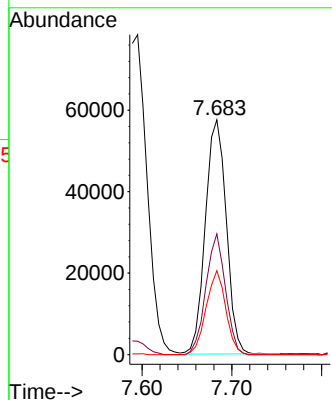
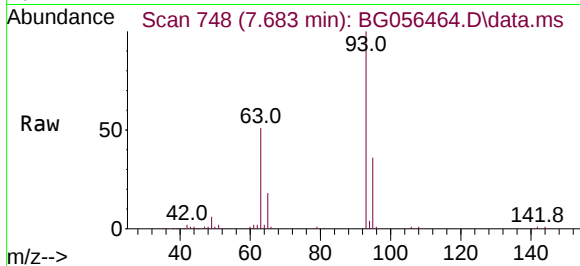
#11
bis(2-Chloroethyl)ether
Concen: 43.554 ng
RT: 7.683 min Scan# 74
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :
BNA_G
ClientSampleId :
PB150335BS

Tgt Ion: 93 Resp: 93350
Ion Ratio Lower Upper
93 100
63 51.4 32.4 72.4
95 35.8 11.8 51.8

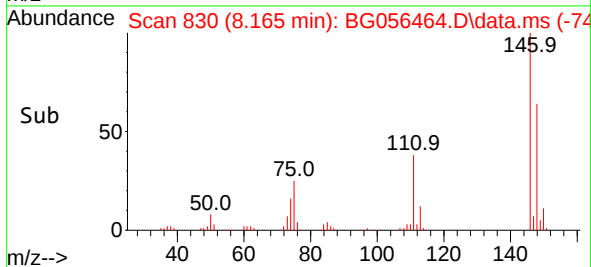
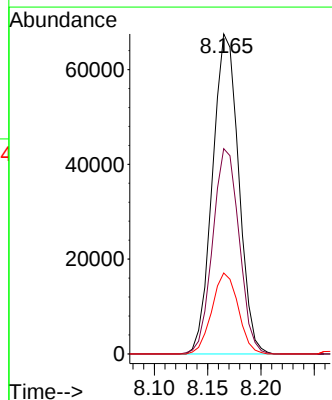
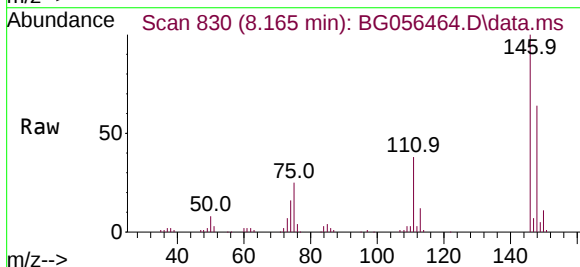
Manual Integrations
APPROVED

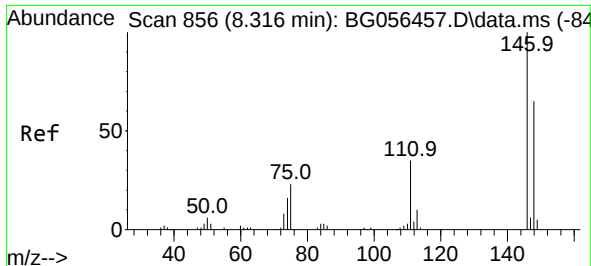
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#12
1,3-Dichlorobenzene
Concen: 44.036 ng
RT: 8.165 min Scan# 830
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:146 Resp: 115330
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 25.3 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 44.965 ng

RT: 8.312 min Scan# 855

Delta R.T. -0.004 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

Tgt Ion:146 Resp: 119263

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

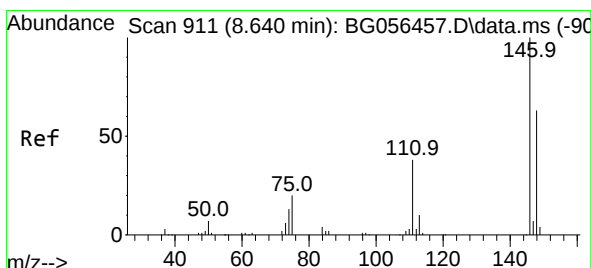
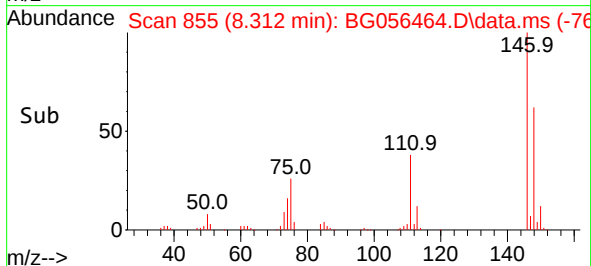
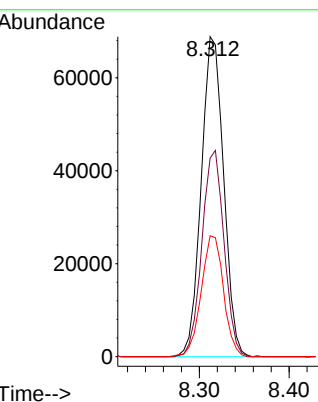
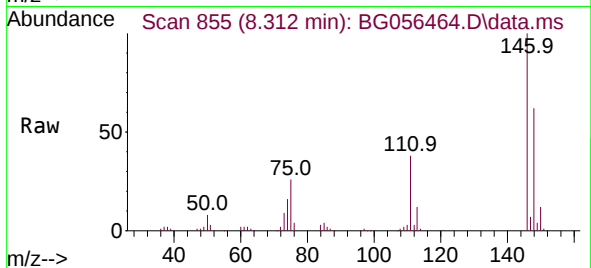
111 37.8 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#14

1,2-Dichlorobenzene

Concen: 45.802 ng

RT: 8.641 min Scan# 911

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

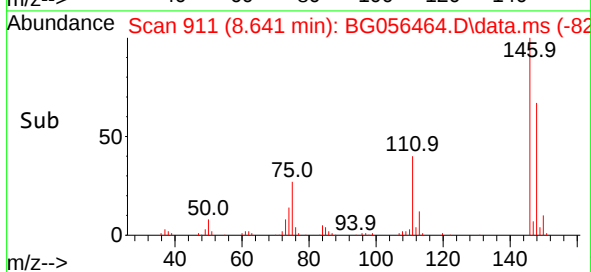
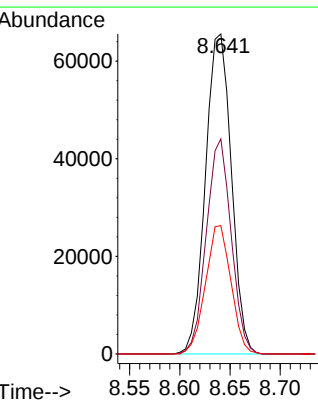
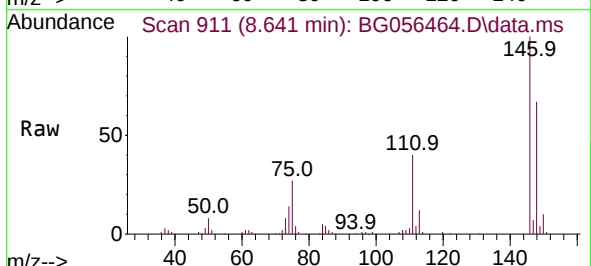
Tgt Ion:146 Resp: 117864

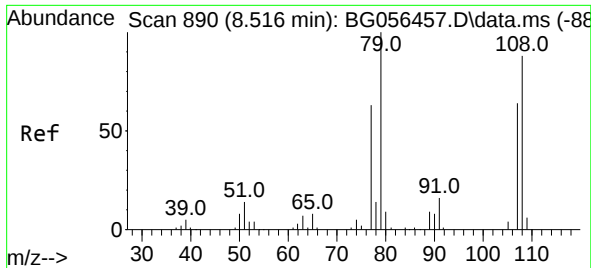
Ion Ratio Lower Upper

146 100

148 67.2 50.1 75.1

111 40.1 30.9 46.3





#15
Benzyl Alcohol
Concen: 49.722 ng
RT: 8.518 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

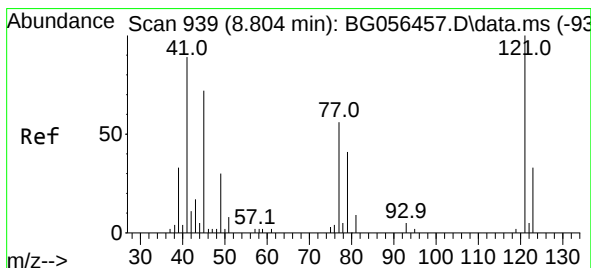
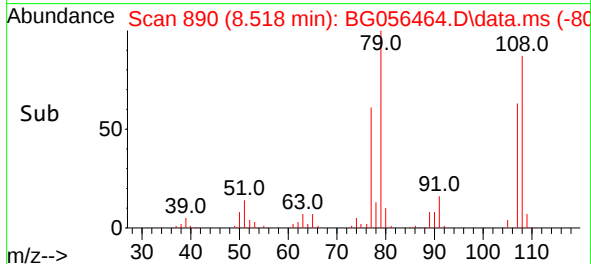
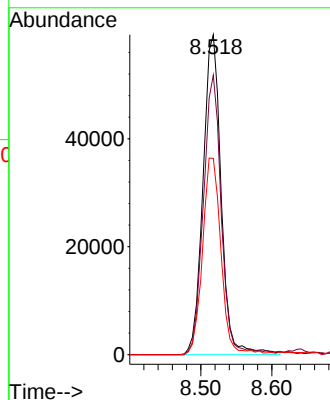
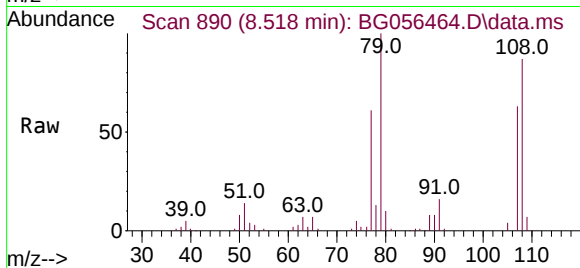
ClientSampleId :

PB150335BS

Tgt Ion: 79 Resp: 104663
Ion Ratio Lower Upper
79 100
108 87.3 70.1 105.1
77 61.3 50.3 75.5

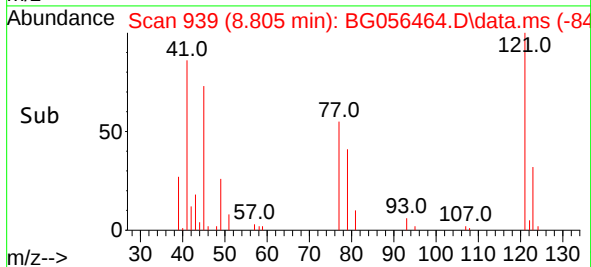
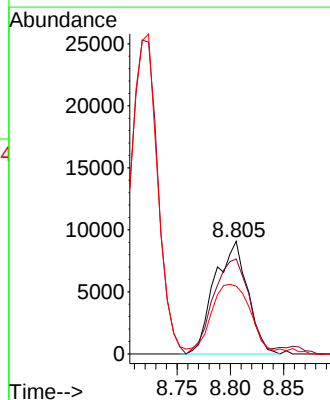
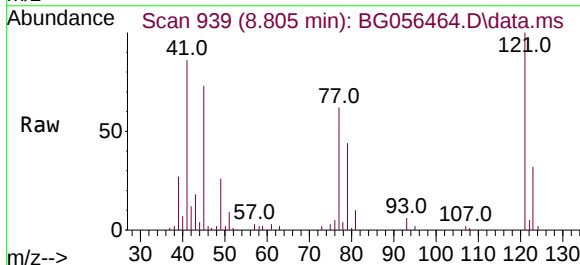
Manual Integrations
APPROVED

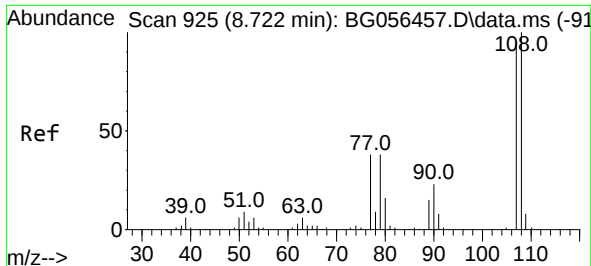
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.126 ng
RT: 8.805 min Scan# 939
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion: 45 Resp: 19585
Ion Ratio Lower Upper
45 100
77 84.3 62.1 102.1
79 60.2 42.7 82.7





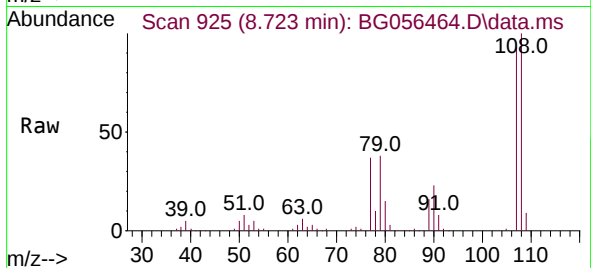
#17
2-Methylphenol
Concen: 47.339 ng
RT: 8.723 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

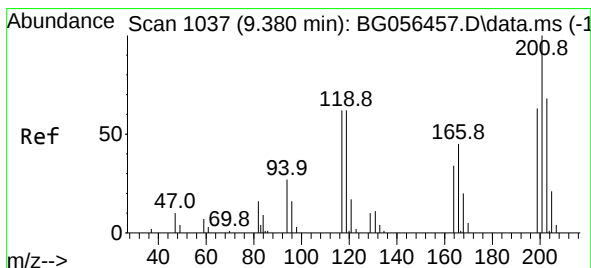
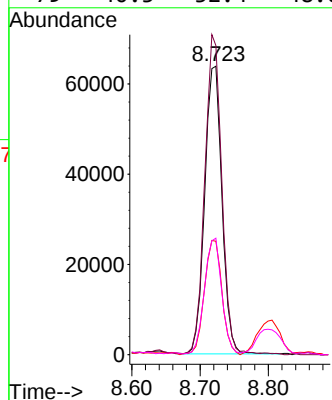


Tgt Ion:107 Resp: 112300
Ion Ratio Lower Upper
107 100
108 107.1 83.9 125.9
77 39.3 31.6 47.4
79 40.3 32.4 48.6

Manual Integrations

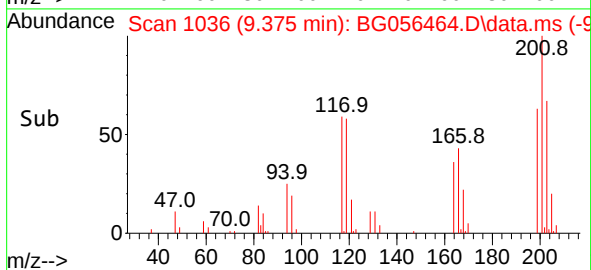
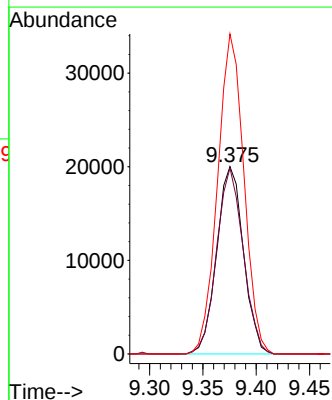
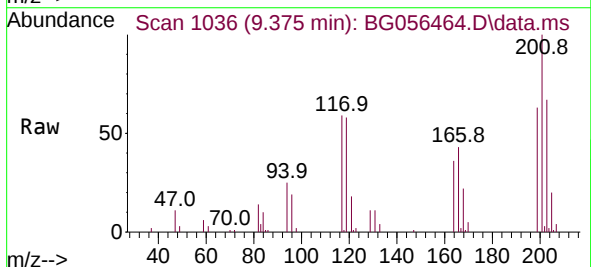
APPROVED

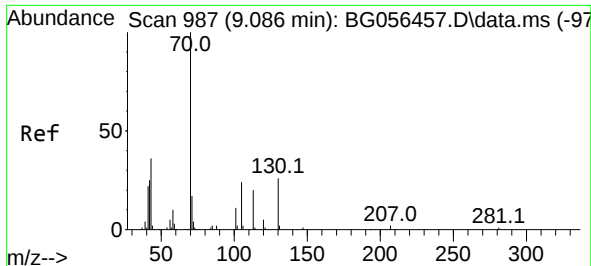
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#18
Hexachloroethane
Concen: 43.496 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:117 Resp: 34893
Ion Ratio Lower Upper
117 100
119 99.2 79.4 119.0
201 170.8 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 44.437 ng
RT: 9.087 min Scan# 987
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

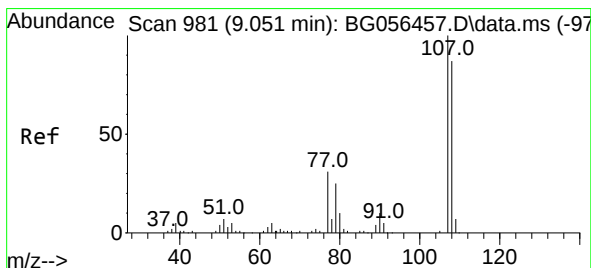
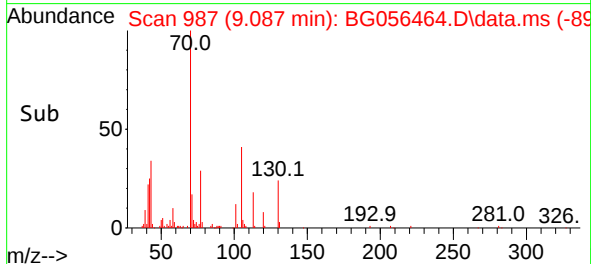
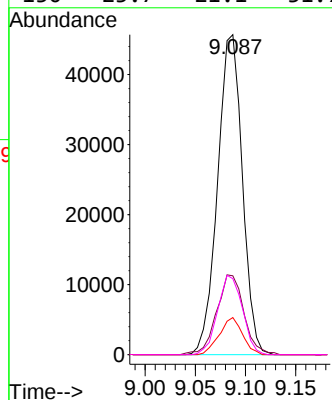
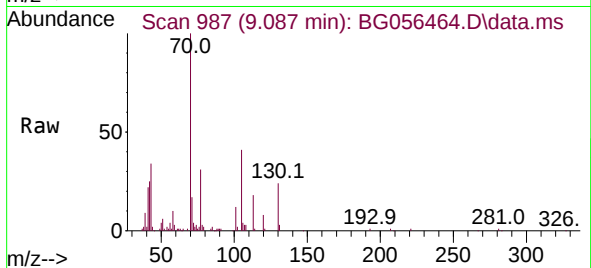
PB150335BS

Tgt Ion: 70 Resp: 78566
Ion Ratio Lower Upper
70 100
42 24.6 20.2 30.4
101 11.6 9.1 13.7
130 23.7 21.1 31.7

Manual Integrations

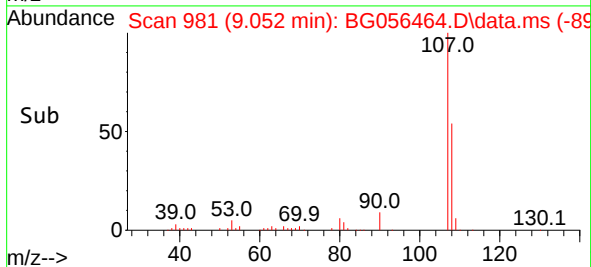
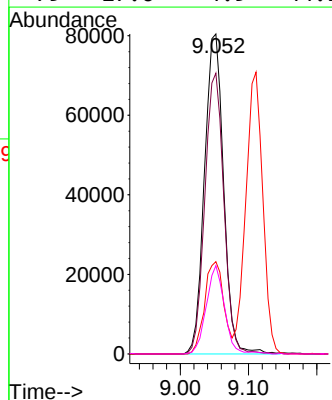
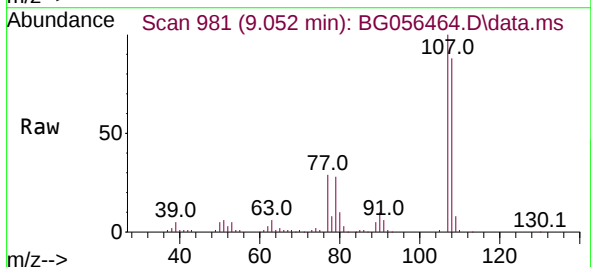
APPROVED

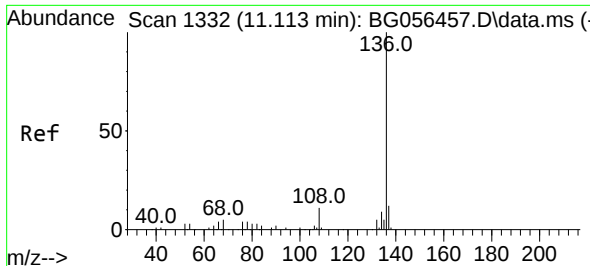
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#20
3+4-Methylphenols
Concen: 47.098 ng
RT: 9.052 min Scan# 981
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:107 Resp: 156577
Ion Ratio Lower Upper
107 100
108 87.7 66.7 106.7
77 28.8 10.6 50.6
79 27.6 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

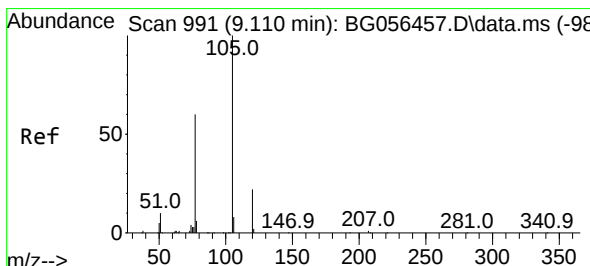
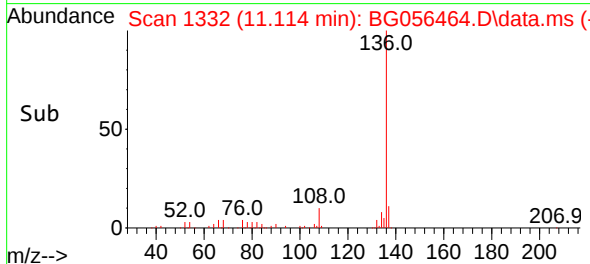
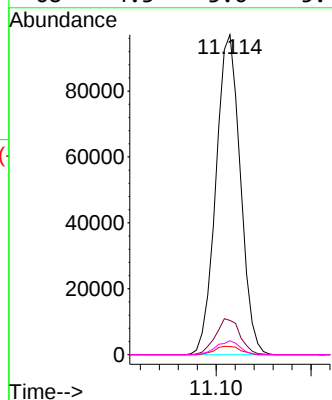
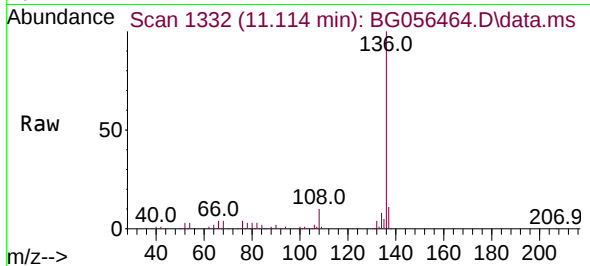
PB150335BS

Tgt Ion:136 Resp: 173529
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.6 2.2 3.4
68 4.3 3.6 5.4

Manual Integrations

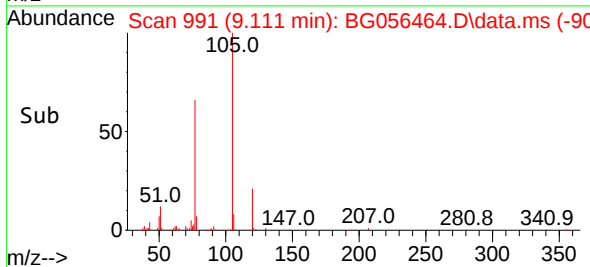
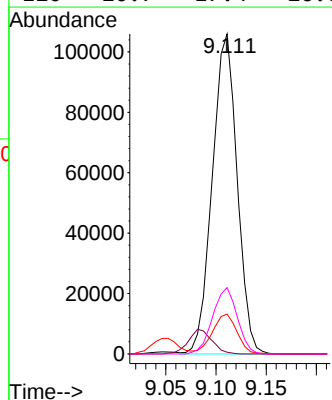
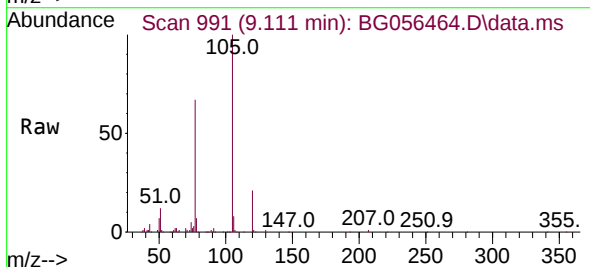
APPROVED

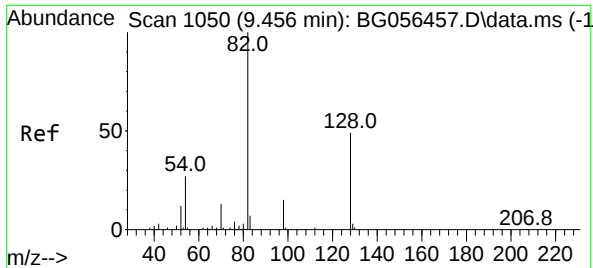
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#22
Acetophenone
Concen: 39.583 ng
RT: 9.111 min Scan# 991
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

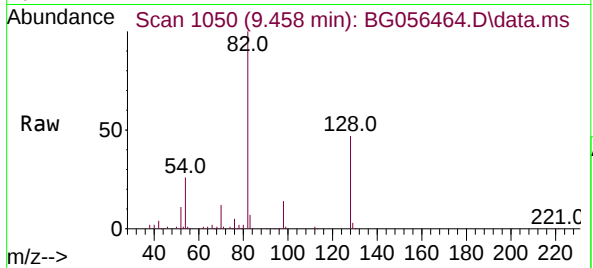
Tgt Ion:105 Resp: 182506
Ion Ratio Lower Upper
105 100
71 0.5 0.6 0.8#
51 12.4 9.2 13.8
120 20.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 78.761 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

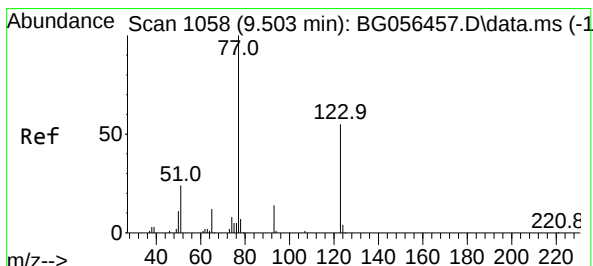
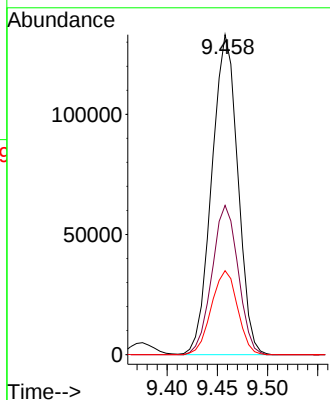
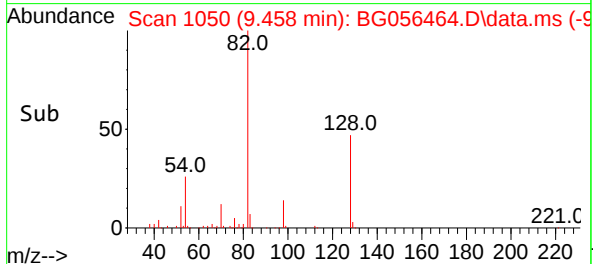
Instrument :
BNA_G
ClientSampleId :
PB150335BS



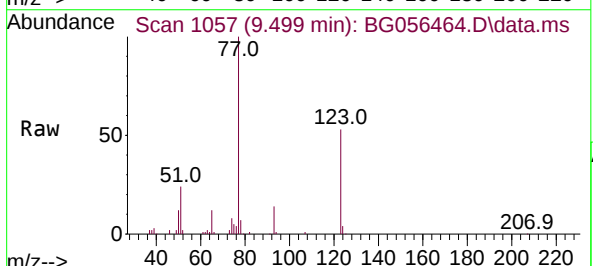
Tgt Ion: 82 Resp: 240686
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 26.2 21.4 32.2

Manual Integrations
APPROVED

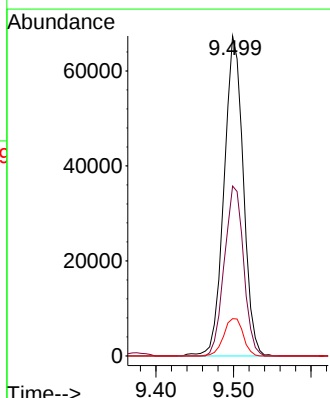
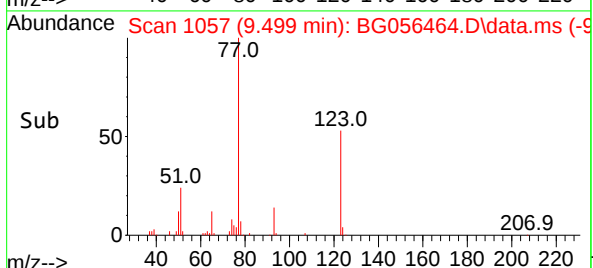
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

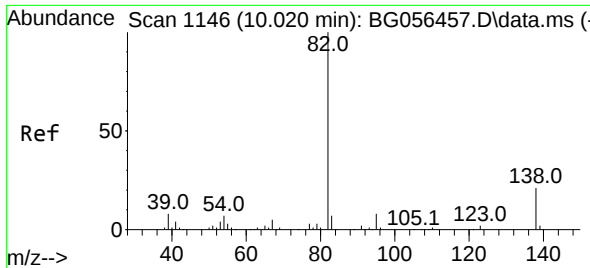


#24
Nitrobenzene
Concen: 39.476 ng
RT: 9.499 min Scan# 1057
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



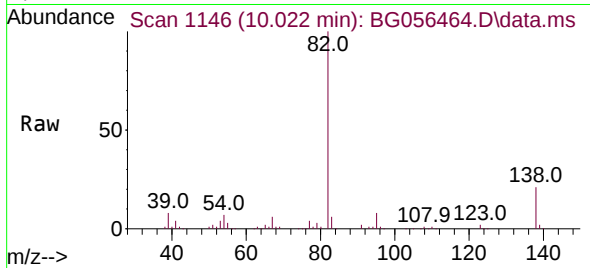
Tgt Ion: 77 Resp: 116362
Ion Ratio Lower Upper
77 100
123 53.1 44.0 66.0
65 11.6 9.7 14.5





#25
Isophorone
Concen: 38.889 ng
RT: 10.022 min Scan# 1146
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

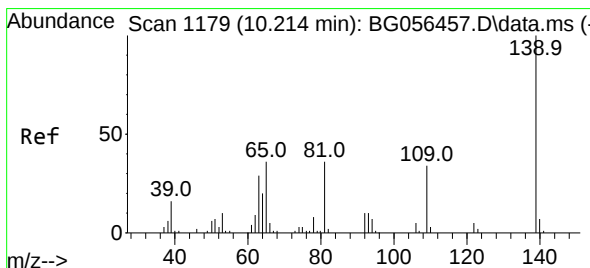
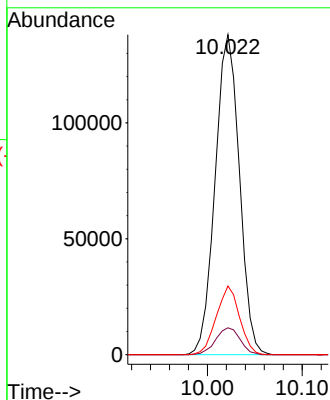
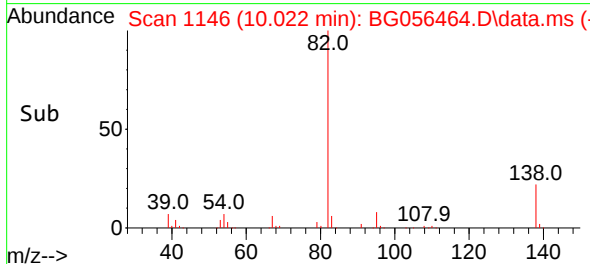
Instrument :
BNA_G
ClientSampleId :
PB150335BS



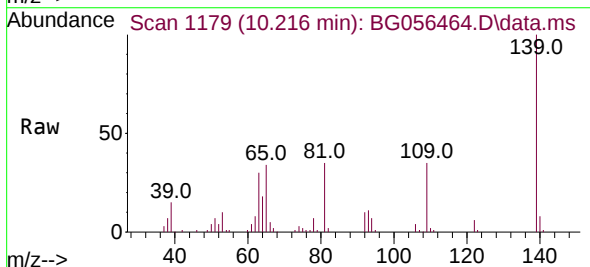
Tgt Ion: 82 Resp: 245169
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 21.4 16.6 25.0

Manual Integrations
APPROVED

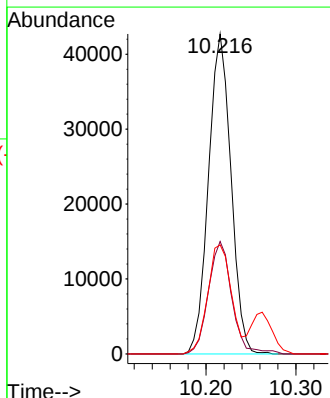
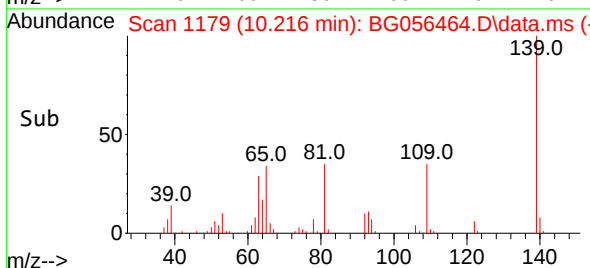
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

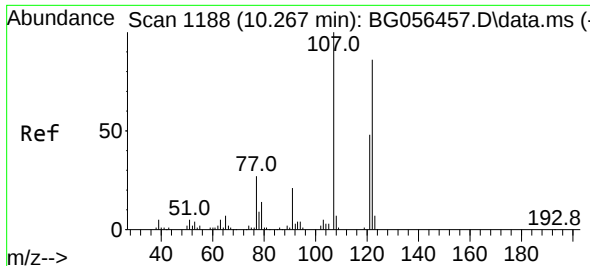


#26
2-Nitrophenol
Concen: 41.440 ng
RT: 10.216 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:139 Resp: 74113
Ion Ratio Lower Upper
139 100
109 35.1 26.9 40.3
65 34.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 42.637 ng m

RT: 10.263 min Scan# 1188

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

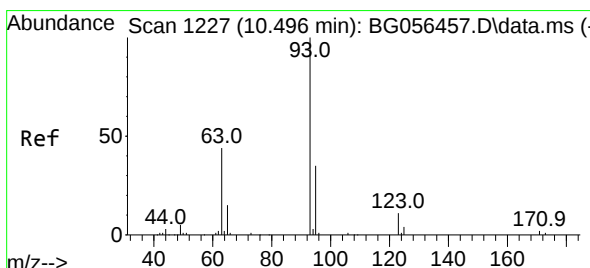
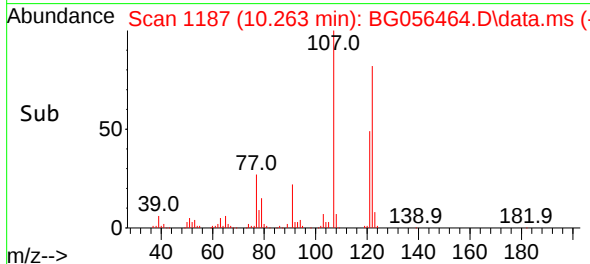
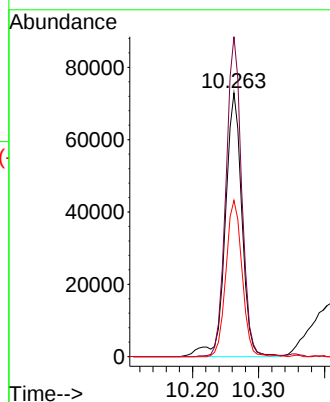
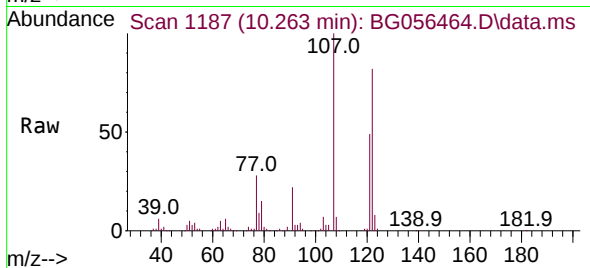
PB150335BS

Tgt Ion:	122	Resp:	127615
Ion Ratio	Lower	Upper	
122	100		
107	121.4	92.9	139.3
121	59.3	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.445 ng

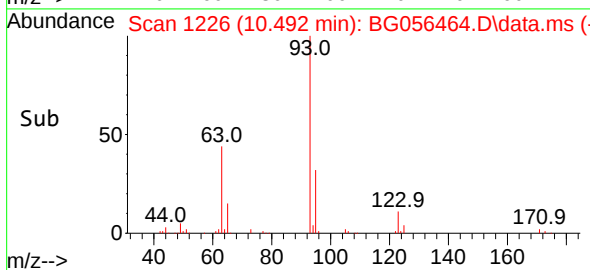
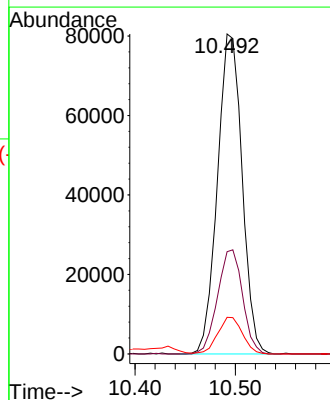
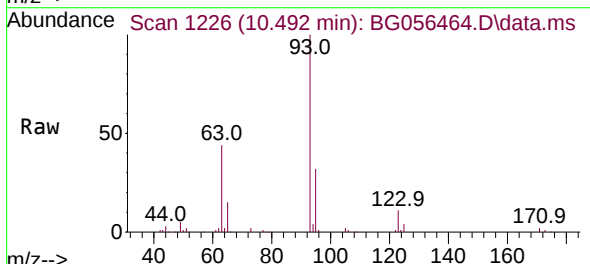
RT: 10.492 min Scan# 1226

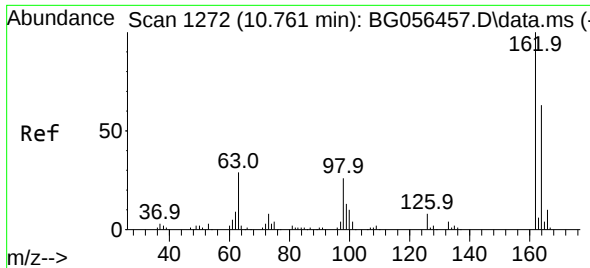
Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Tgt Ion:	93	Resp:	137378
Ion Ratio	Lower	Upper	
93	100		
95	31.9	27.9	41.9
123	11.4	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 44.772 ng

RT: 10.756 min Scan# 1271

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

Tgt Ion:162 Resp: 150839

Ion Ratio Lower Upper

162 100

164 63.3 42.8 82.8

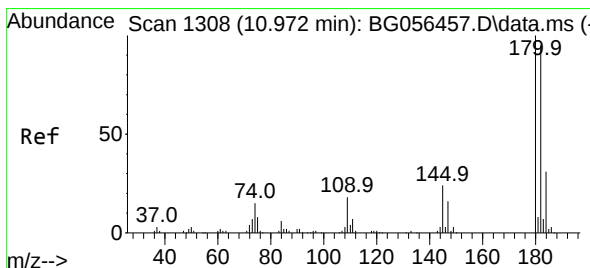
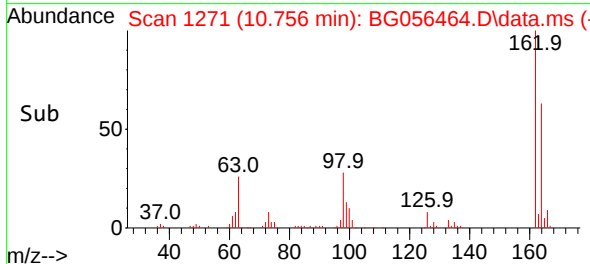
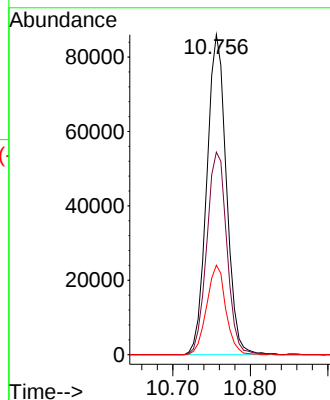
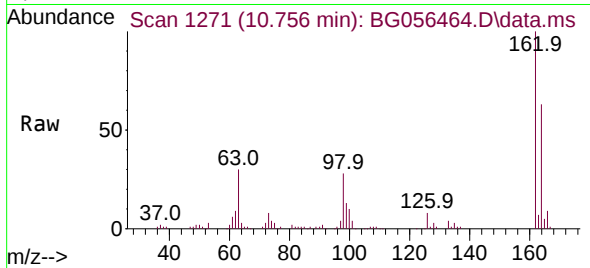
98 27.9 6.5 46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.003 ng

RT: 10.973 min Scan# 1308

Delta R.T. 0.001 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

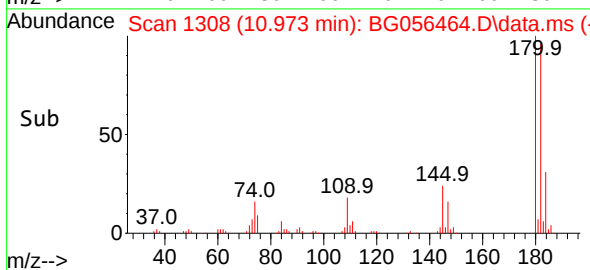
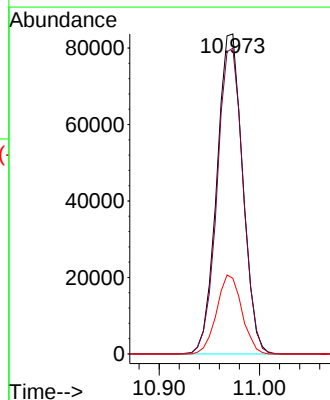
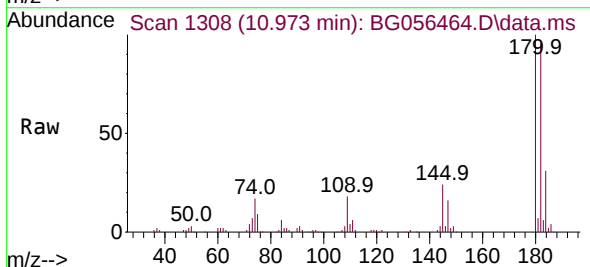
Tgt Ion:180 Resp: 149764

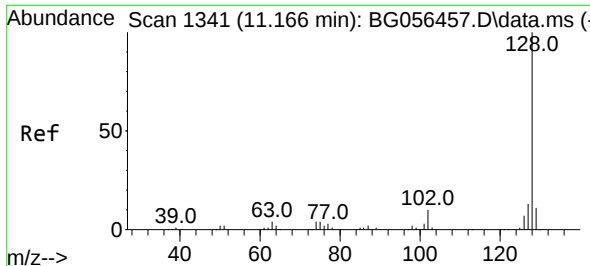
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

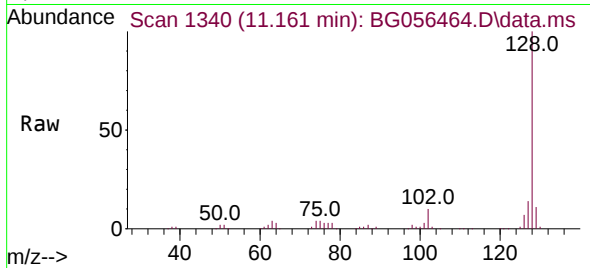
145 23.6 19.4 29.0





#31
Naphthalene
Concen: 39.337 ng
RT: 11.161 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

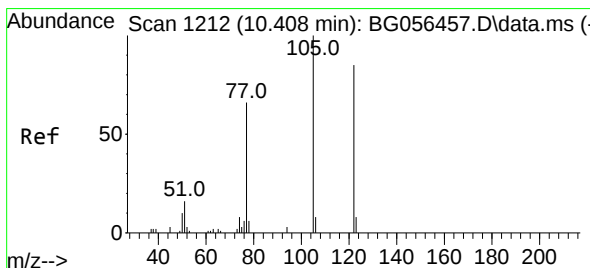
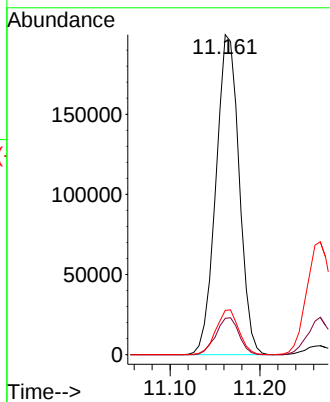
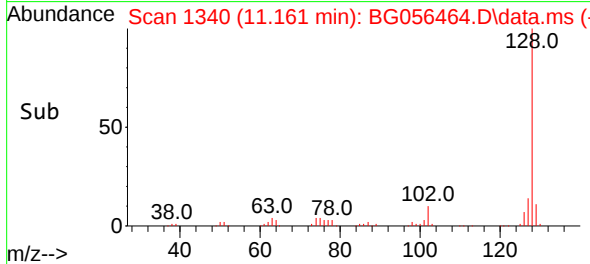
Instrument :
BNA_G
ClientSampleId :
PB150335BS



Tgt Ion:128 Resp: 360282
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.4 15.6

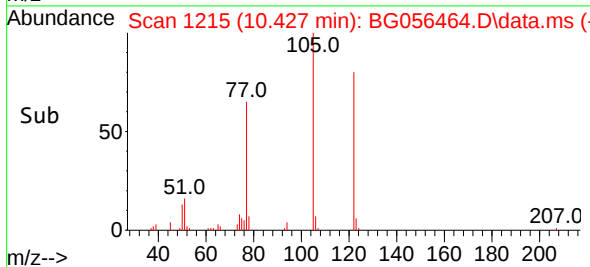
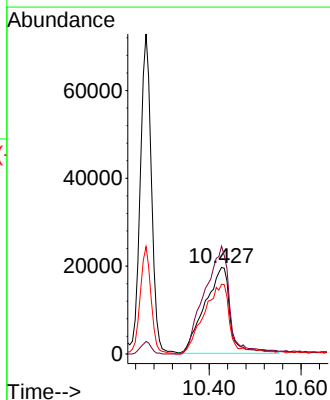
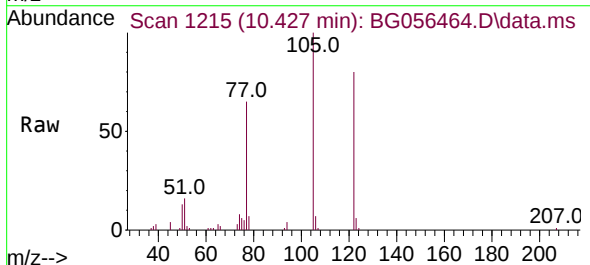
Manual Integrations
APPROVED

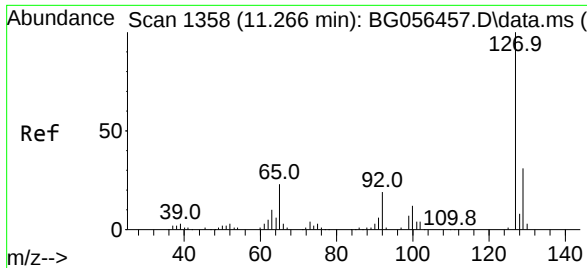
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#32
Benzoic acid
Concen: 45.061 ng m
RT: 10.427 min Scan# 1215
Delta R.T. 0.019 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:122 Resp: 75456
Ion Ratio Lower Upper
122 100
105 124.5 96.5 136.5
77 80.5 57.3 97.3





#33
4-Chloroaniline
Concen: 32.637 ng
RT: 11.267 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

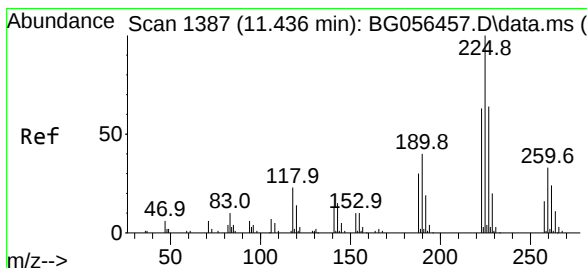
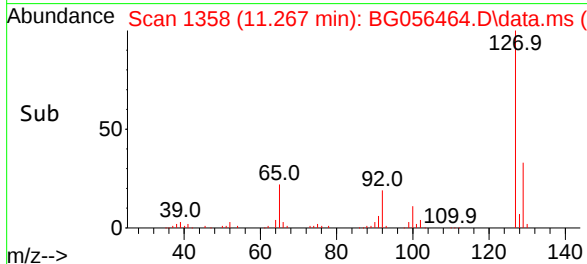
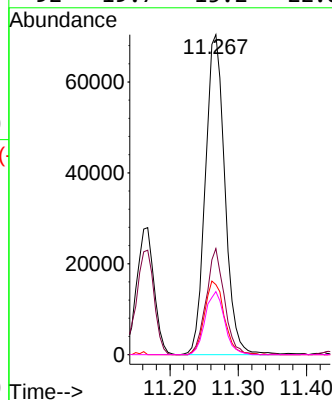
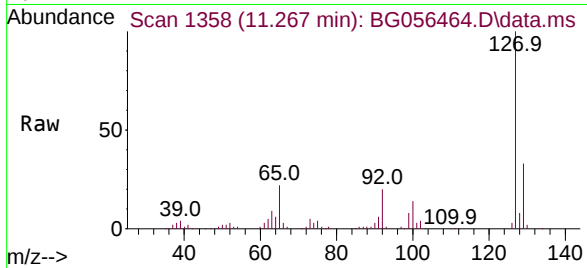
PB150335BS

Tgt Ion:127 Resp: 139533
Ion Ratio Lower Upper
127 100
129 33.1 25.0 37.6
65 21.9 18.5 27.7
92 19.7 15.2 22.8

Manual Integrations

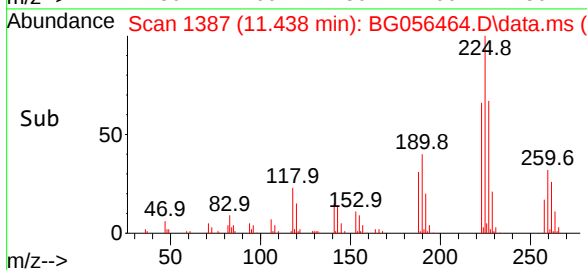
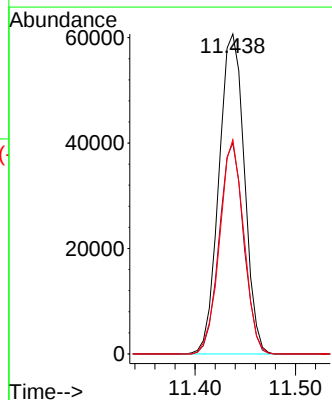
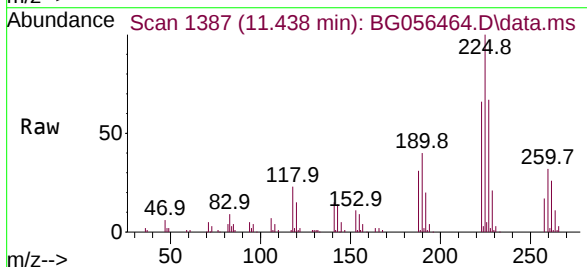
APPROVED

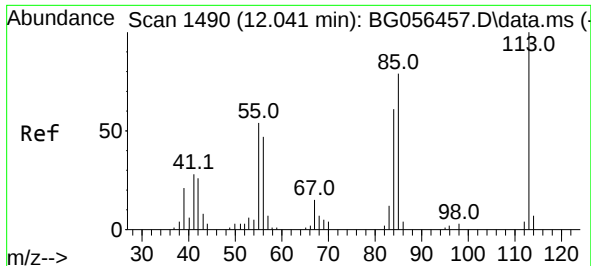
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#34
Hexachlorobutadiene
Concen: 40.705 ng
RT: 11.438 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:225 Resp: 106971
Ion Ratio Lower Upper
225 100
223 62.8 50.6 75.8
227 66.2 53.7 80.5





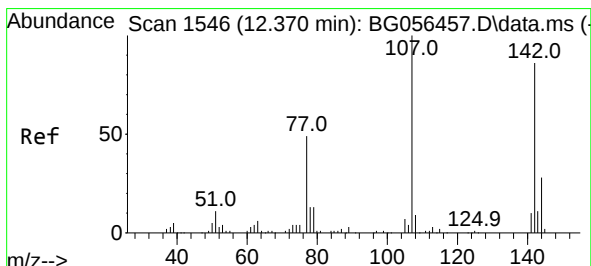
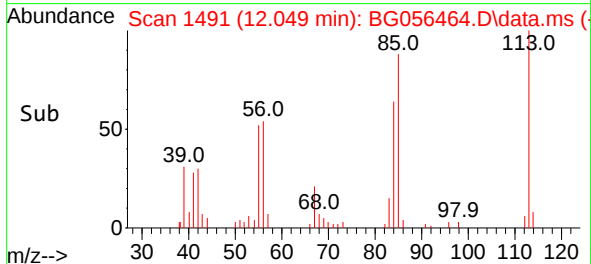
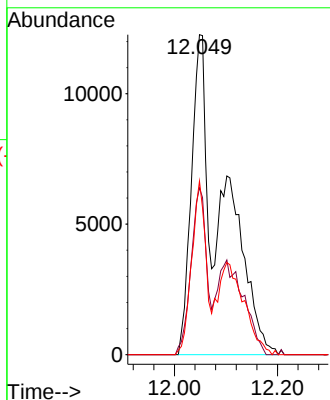
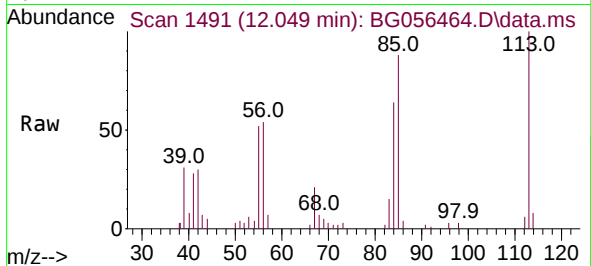
#35
Caprolactam
Concen: 43.911 ng m
RT: 12.049 min Scan# 1490
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :
BNA_G
ClientSampleId :
PB150335BS

Tgt Ion:113 Resp: 49893
Ion Ratio Lower Upper
113 100
55 52.1 33.7 73.7
56 54.2 27.1 67.1

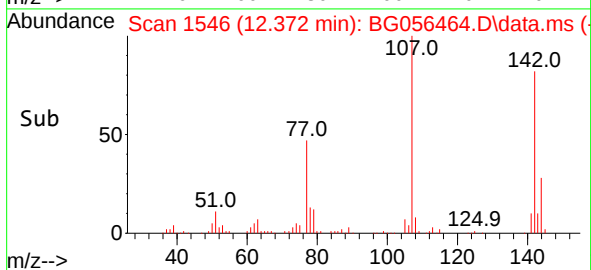
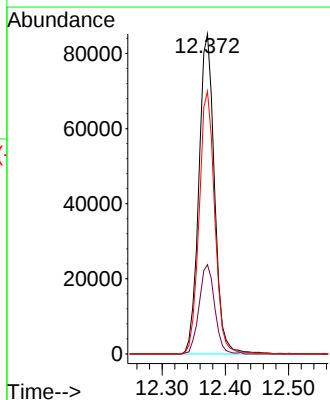
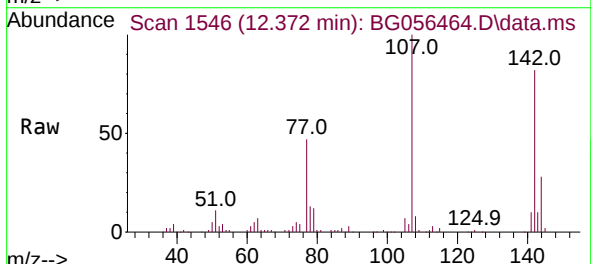
Manual Integrations
APPROVED

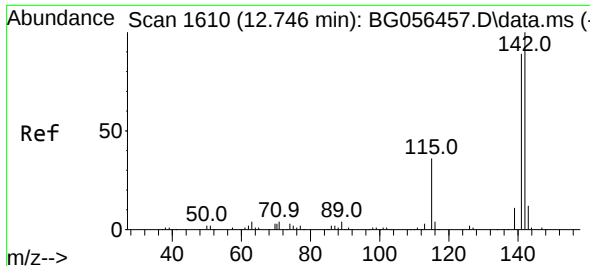
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 44.893 ng
RT: 12.372 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:107 Resp: 146064
Ion Ratio Lower Upper
107 100
144 27.9 22.3 33.5
142 82.0 68.9 103.3





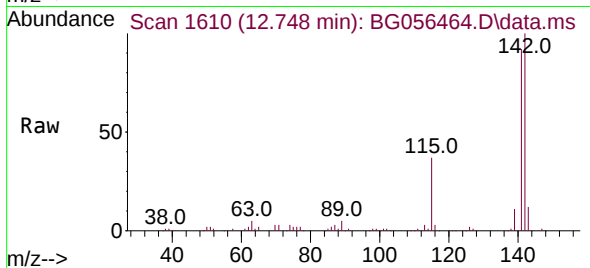
#37
2-Methylnaphthalene
Concen: 39.189 ng
RT: 12.748 min Scan# 1610
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

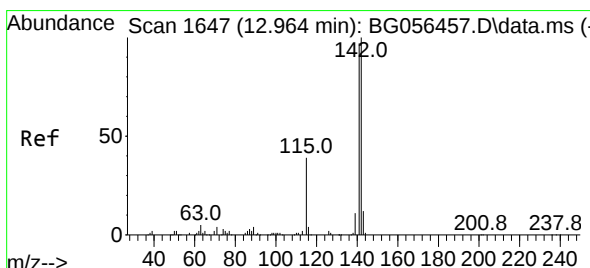
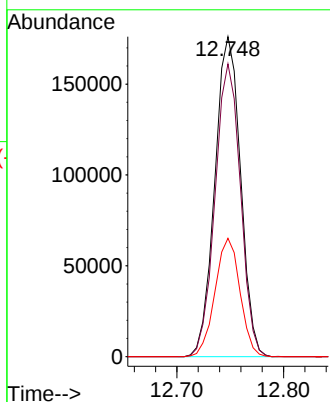
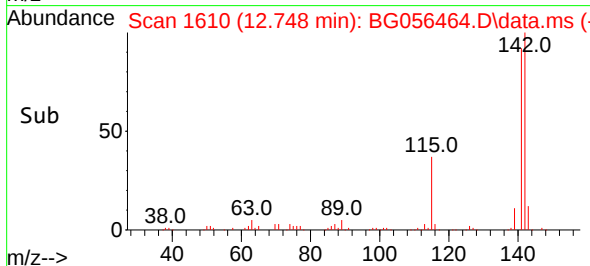


Tgt Ion:142 Resp: 295906
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.0
115 37.0 28.4 42.6

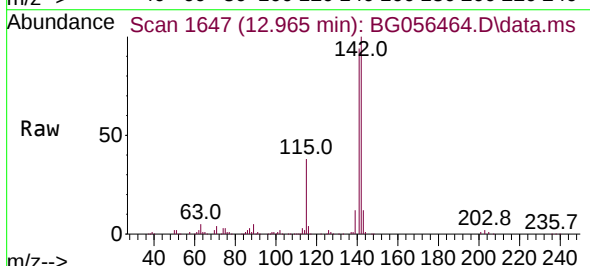
Manual Integrations

APPROVED

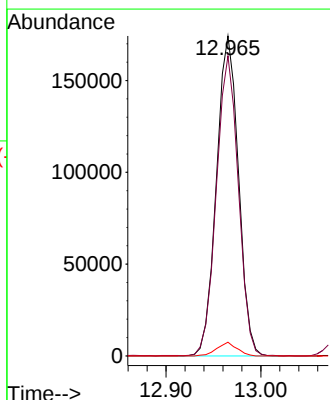
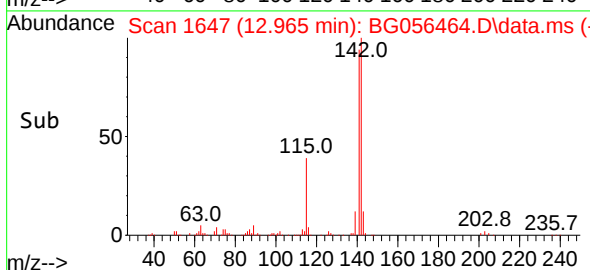
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

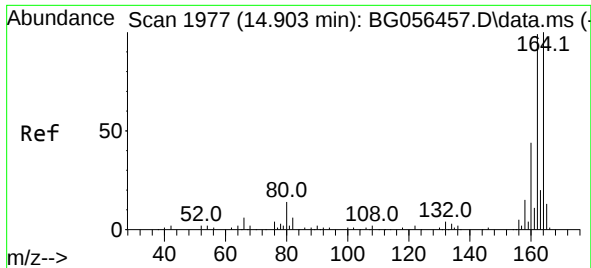


#38
1-Methylnaphthalene
Concen: 39.891 ng
RT: 12.965 min Scan# 1647
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:142 Resp: 281311
Ion Ratio Lower Upper
142 100
141 93.7 77.7 116.5
116 4.3 3.4 5.2





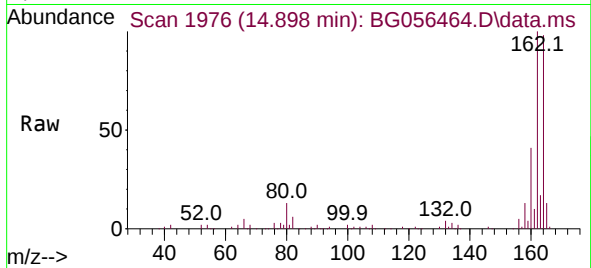
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

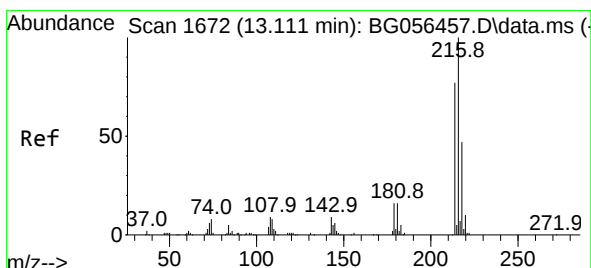
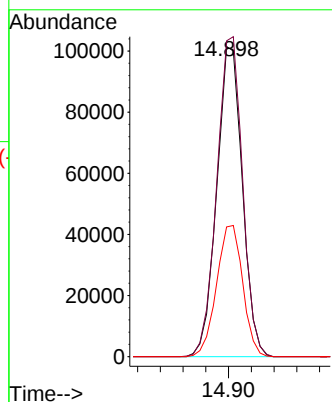
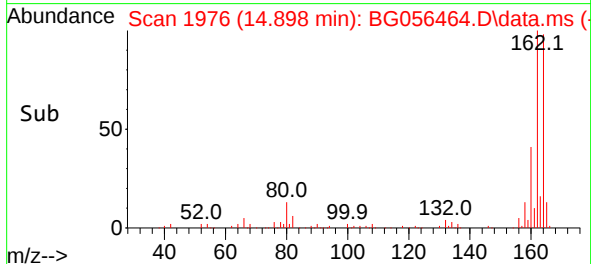


Tgt Ion:164 Resp: 158318
Ion Ratio Lower Upper
164 100
162 101.9 79.6 119.4
160 41.8 34.9 52.3

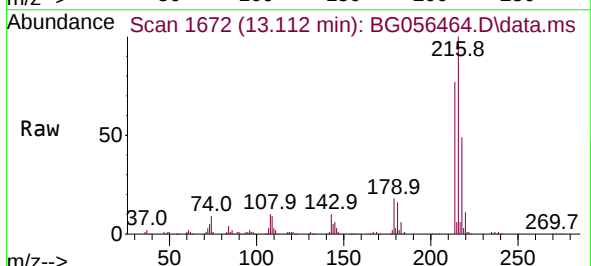
Manual Integrations

APPROVED

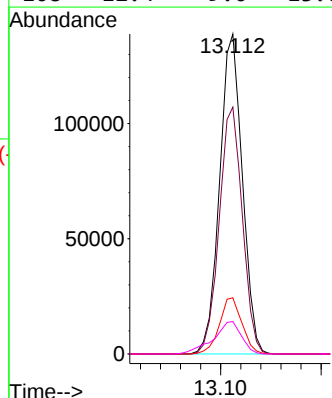
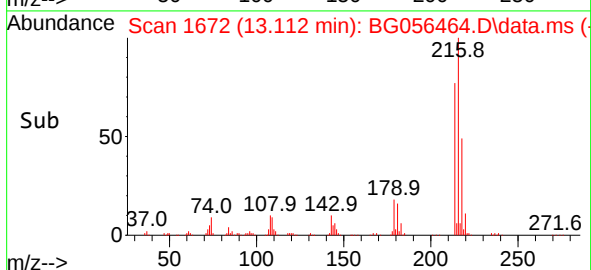
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

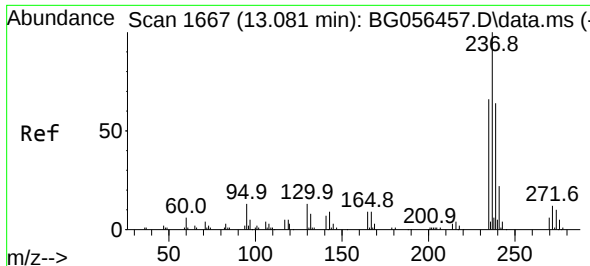


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.772 ng
RT: 13.112 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



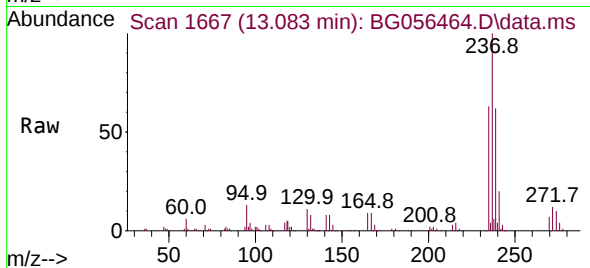
Tgt Ion:216 Resp: 218469
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 17.4 14.1 21.1
108 12.4 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 73.672 ng
RT: 13.083 min Scan# 1667
Delta R.T. 0.002 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

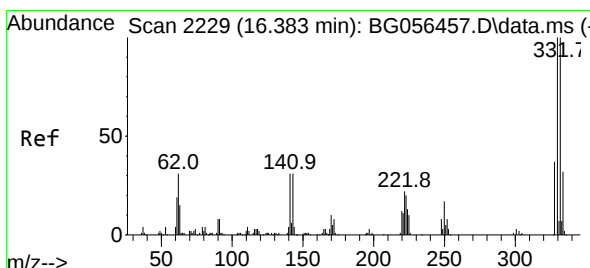
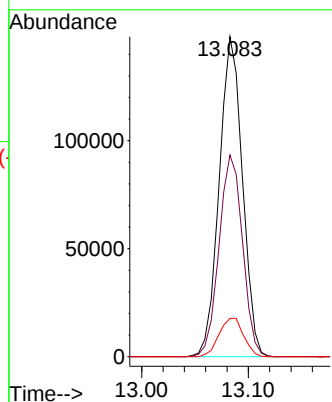
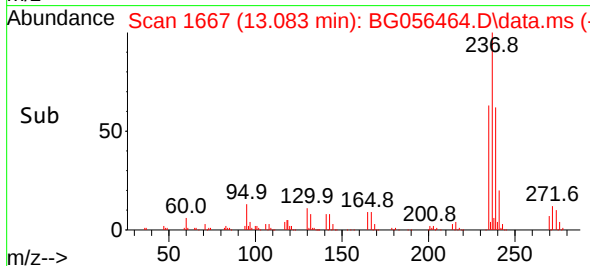
Instrument :
BNA_G
ClientSampleId :
PB150335BS



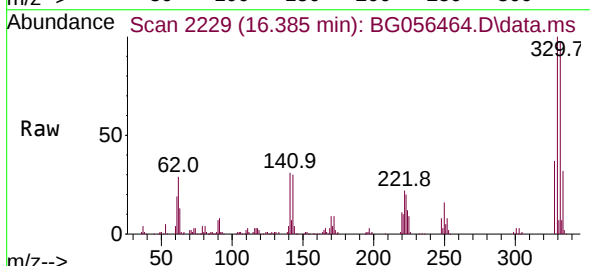
Tgt Ion:237 Resp: 224203
Ion Ratio Lower Upper
237 100
235 63.0 45.6 85.6
272 11.9 0.0 32.3

Manual Integrations
APPROVED

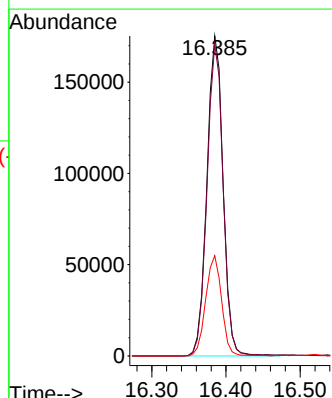
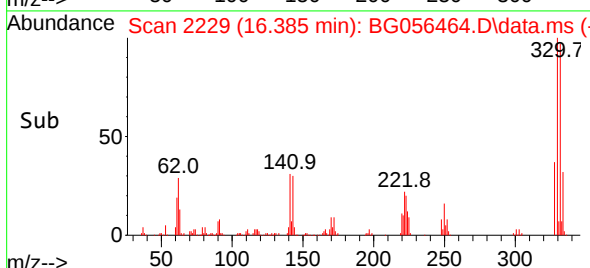
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

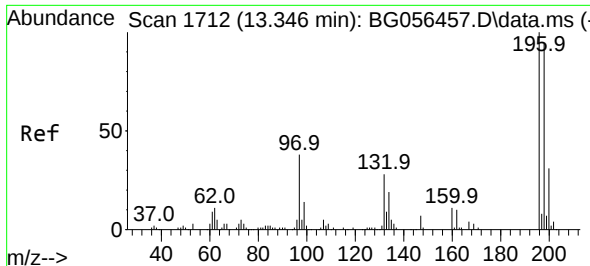


#42
2,4,6-Tribromophenol
Concen: 126.199 ng
RT: 16.385 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:330 Resp: 265616
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 30.8 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 40.778 ng
RT: 13.347 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

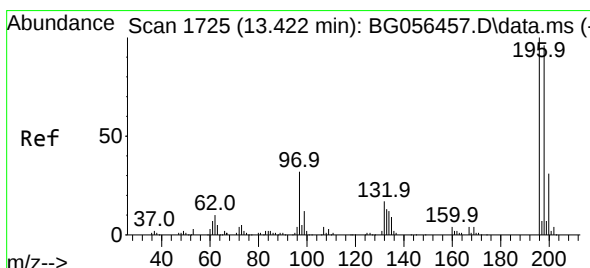
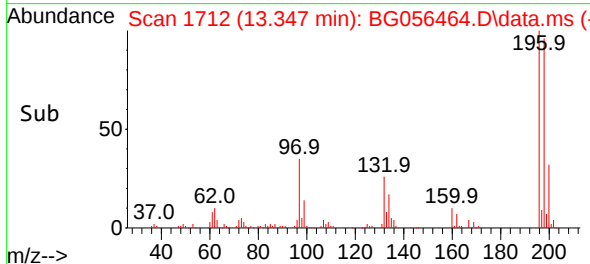
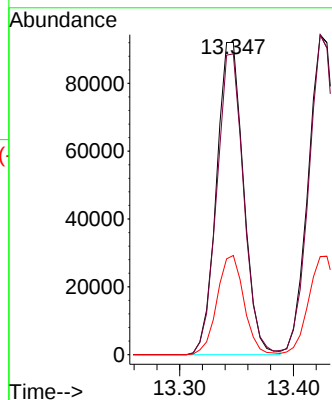
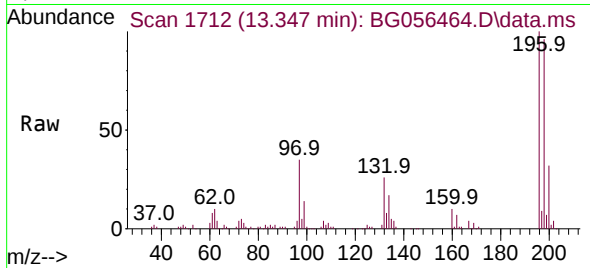
PB150335BS

Tgt Ion:196 Resp: 151991
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
200 31.7 25.0 37.6

Manual Integrations

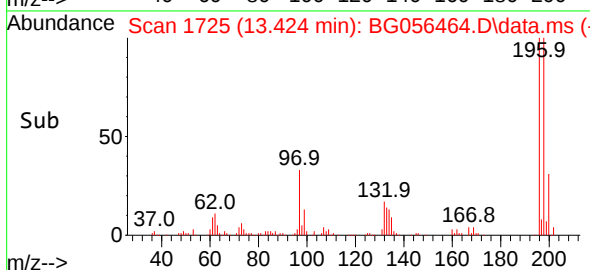
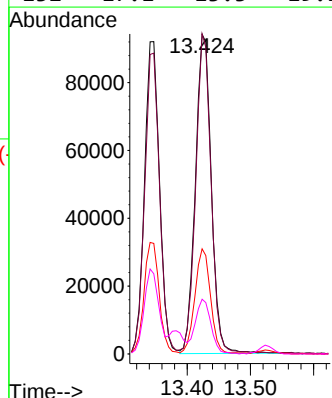
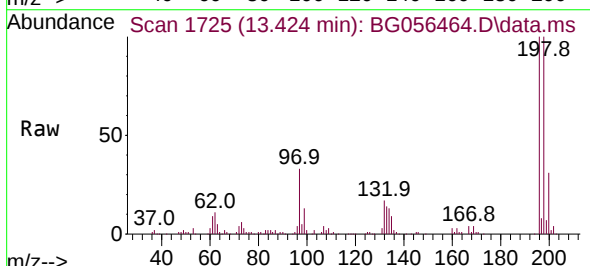
APPROVED

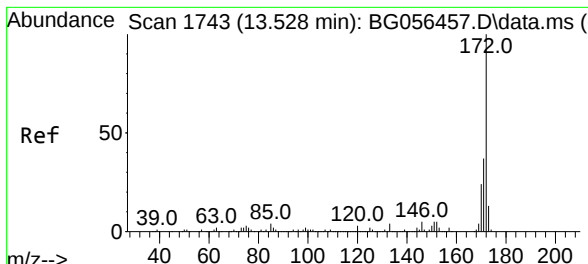
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#44
2,4,5-Trichlorophenol
Concen: 37.855 ng
RT: 13.424 min Scan# 1725
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

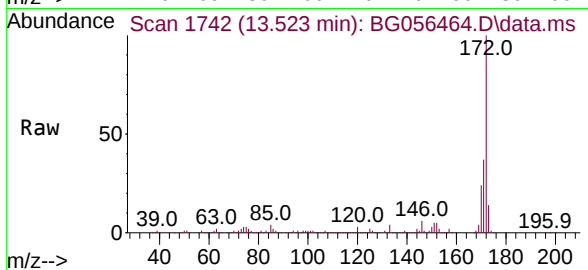
Tgt Ion:196 Resp: 165198
Ion Ratio Lower Upper
196 100
198 100.1 76.9 115.3
97 32.9 25.8 38.6
132 17.1 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 75.464 ng
RT: 13.523 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

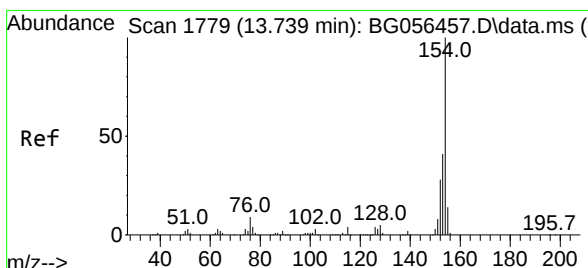
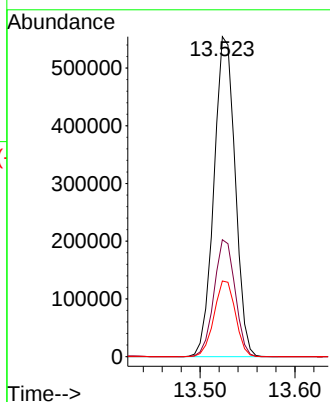
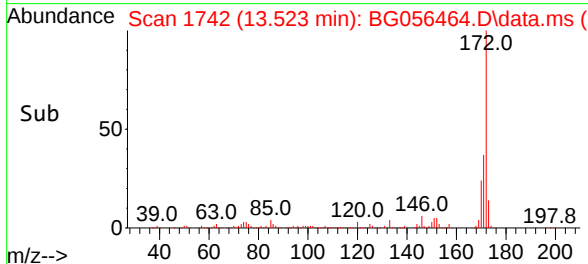
Instrument :
BNA_G
ClientSampleId :
PB150335BS



Tgt Ion:172 Resp: 861738
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 23.6 19.2 28.8

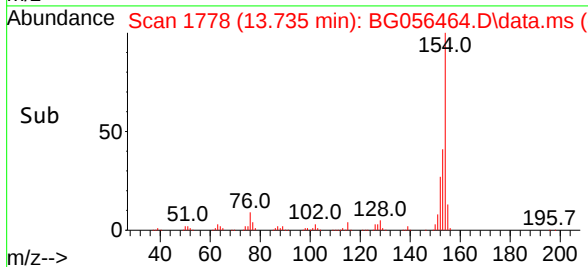
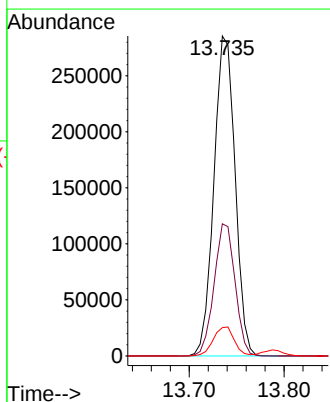
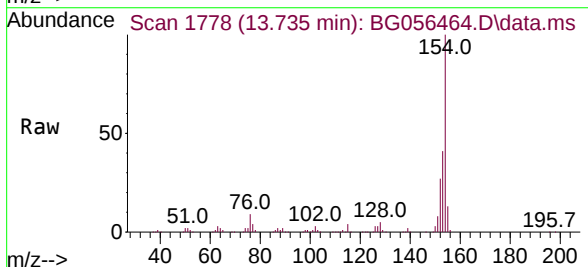
Manual Integrations
APPROVED

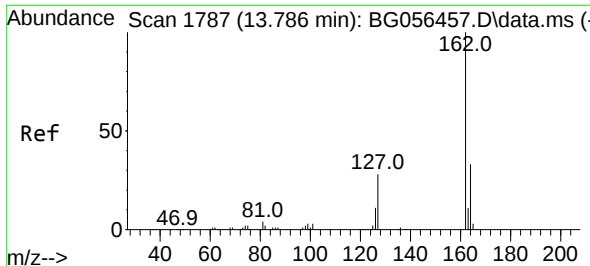
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#46
1,1'-Biphenyl
Concen: 38.521 ng
RT: 13.735 min Scan# 1778
Delta R.T. -0.004 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:154 Resp: 442346
Ion Ratio Lower Upper
154 100
153 41.3 21.5 61.5
76 8.8 0.0 28.8





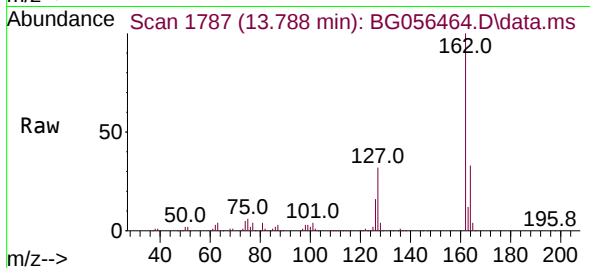
#47
2-Chloronaphthalene
Concen: 38.660 ng
RT: 13.788 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

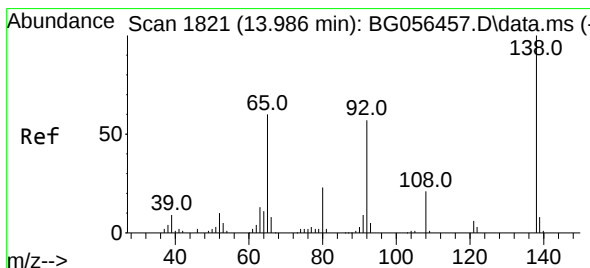
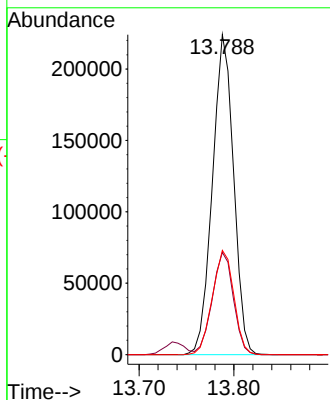
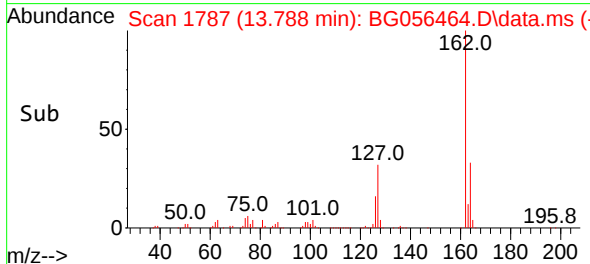
PB150335BS



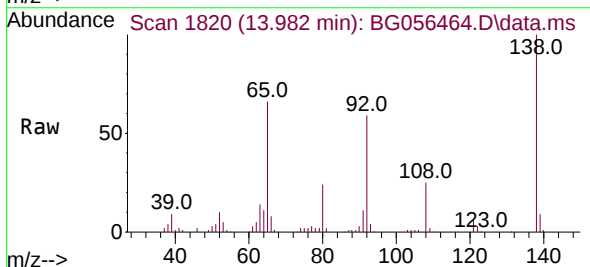
Tgt Ion:162 Resp: 346996
Ion Ratio Lower Upper
162 100
127 31.9 25.2 37.8
164 32.6 26.2 39.2

Manual Integrations
APPROVED

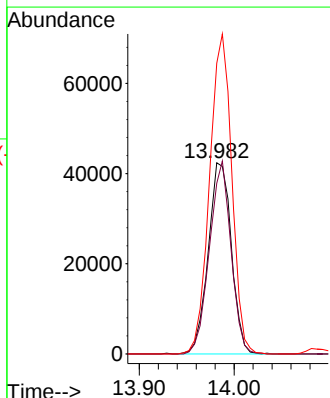
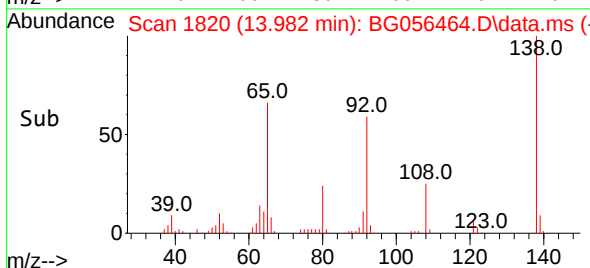
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

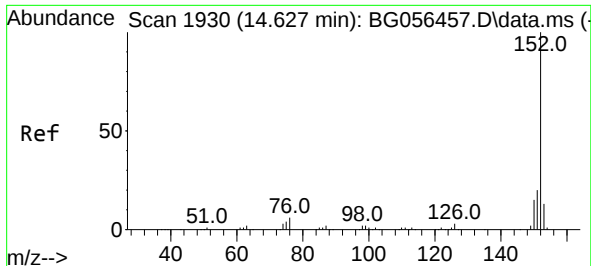


#48
2-Nitroaniline
Concen: 38.694 ng
RT: 13.982 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion: 65 Resp: 71796
Ion Ratio Lower Upper
65 100
92 89.2 75.8 113.6
138 152.0 133.2 199.8





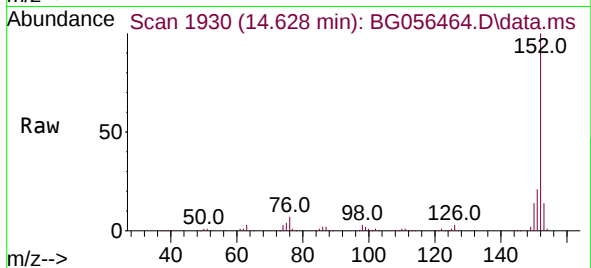
#49
Acenaphthylene
Concen: 37.308 ng
RT: 14.628 min Scan# 1930
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

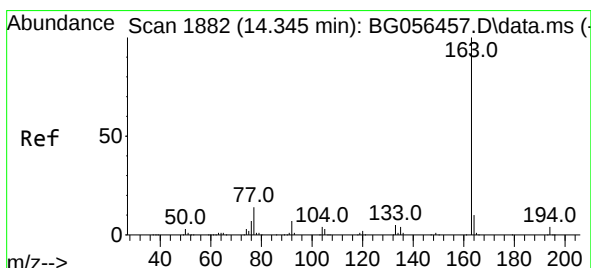
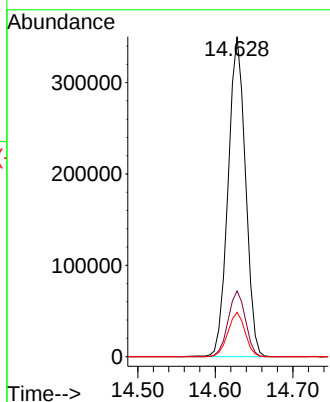
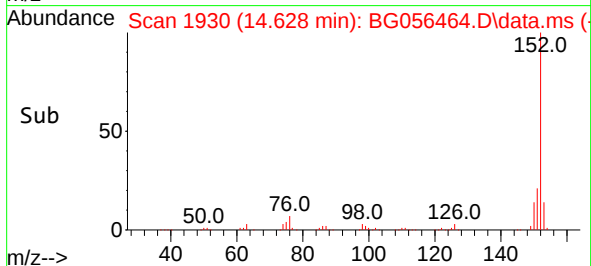


Tgt Ion:152 Resp: 544820
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.8 10.5 15.7

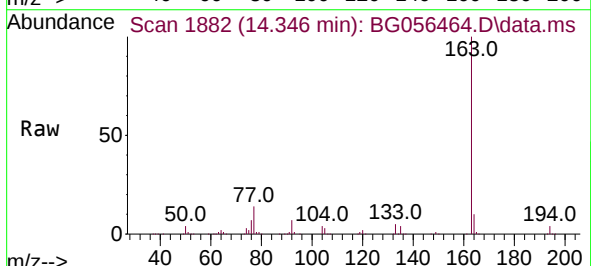
Manual Integrations

APPROVED

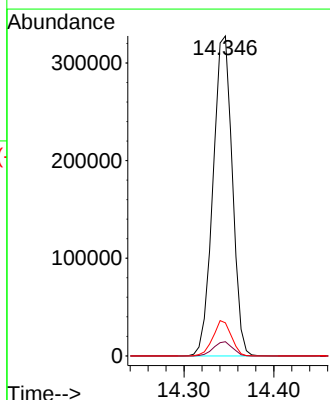
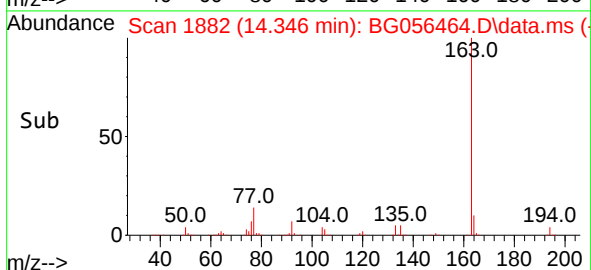
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

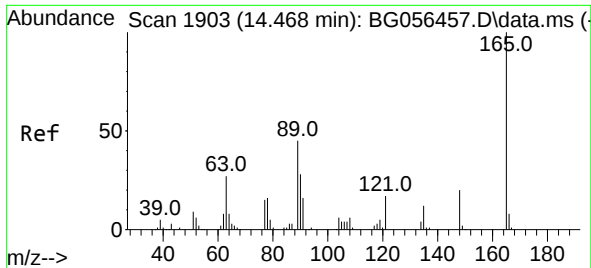


#50
Dimethylphthalate
Concen: 38.261 ng
RT: 14.346 min Scan# 1882
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:163 Resp: 490057
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.3 8.1 12.1





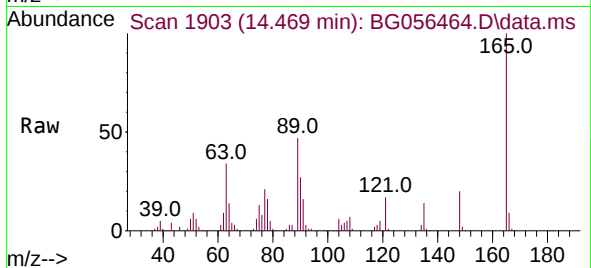
#51
2,6-Dinitrotoluene
Concen: 38.942 ng
RT: 14.469 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

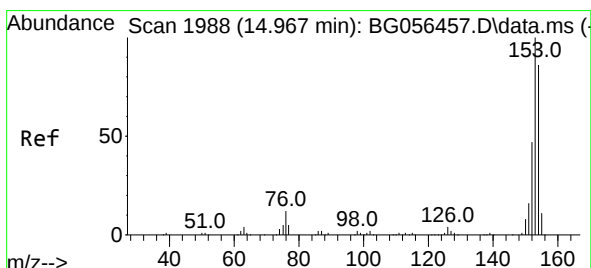
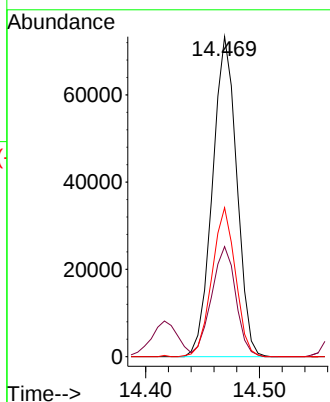
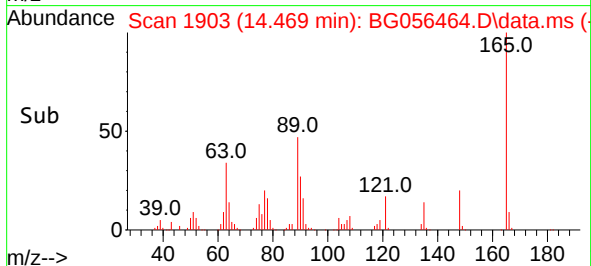


Tgt Ion:165 Resp: 108774
Ion Ratio Lower Upper
165 100
63 34.4 26.9 40.3
89 46.5 35.6 53.4

Manual Integrations

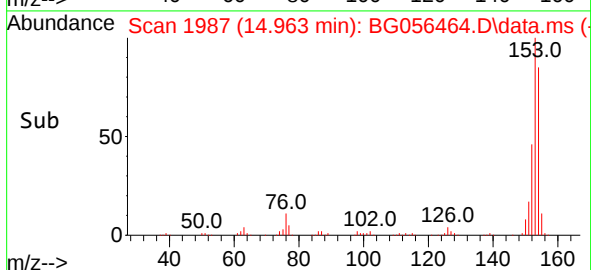
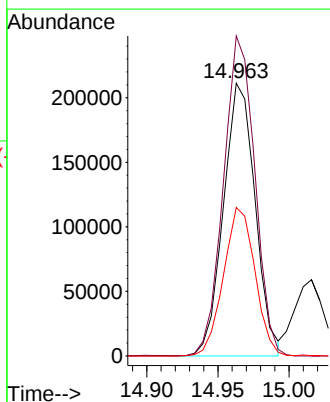
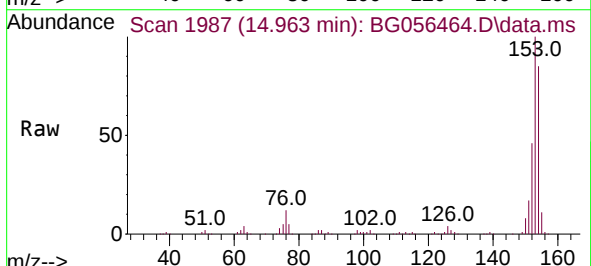
APPROVED

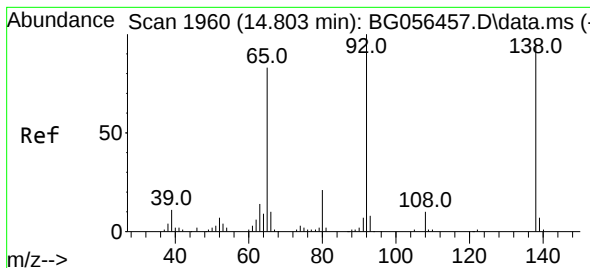
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#52
Acenaphthene
Concen: 37.856 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:154 Resp: 327827
Ion Ratio Lower Upper
154 100
153 117.4 93.4 140.0
152 54.4 43.4 65.2





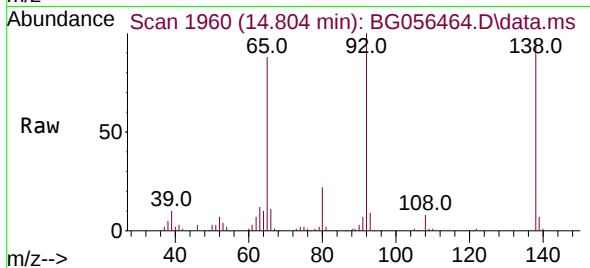
#53
3-Nitroaniline
Concen: 31.597 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

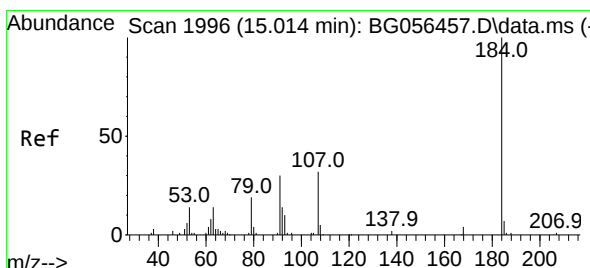
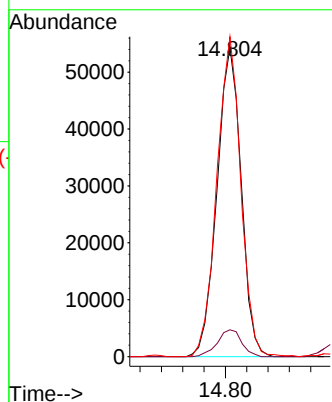
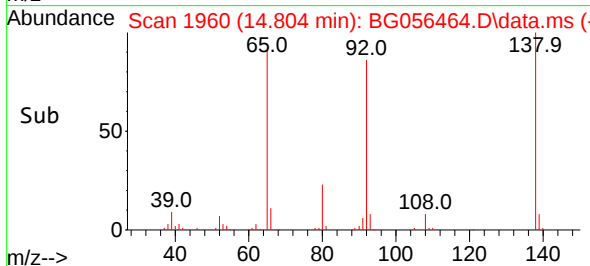


Tgt Ion:138 Resp: 85563
Ion Ratio Lower Upper
138 100
108 8.7 8.0 12.0
92 103.5 84.1 126.1

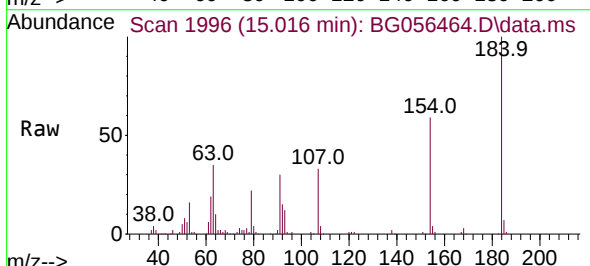
Manual Integrations

APPROVED

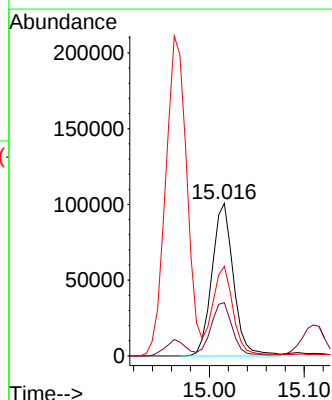
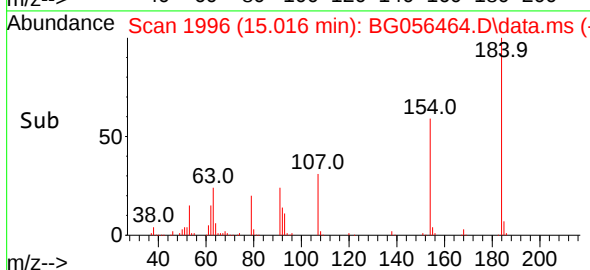
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

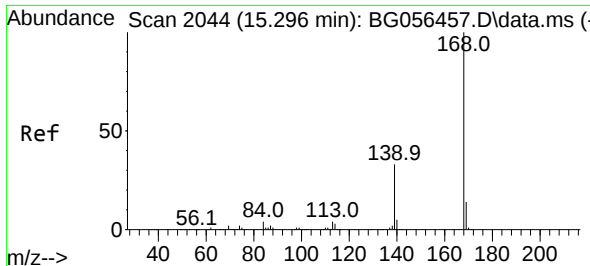


#54
2,4-Dinitrophenol
Concen: 90.658 ng
RT: 15.016 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



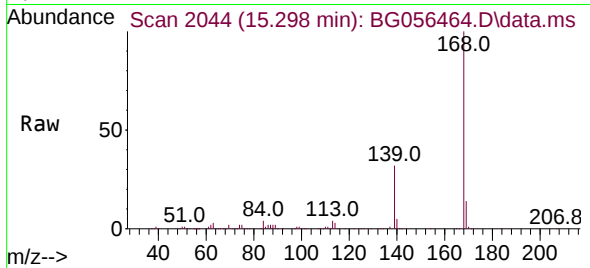
Tgt Ion:184 Resp: 158752
Ion Ratio Lower Upper
184 100
63 34.9 25.1 37.7
154 58.6 44.8 67.2





#55
Dibenzofuran
Concen: 37.898 ng
RT: 15.298 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

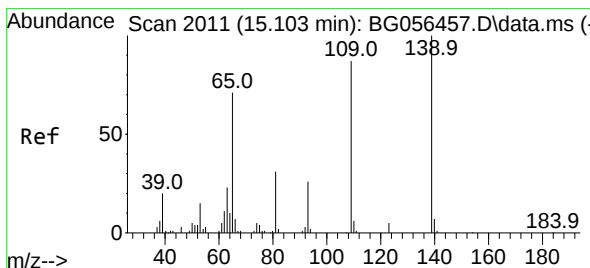
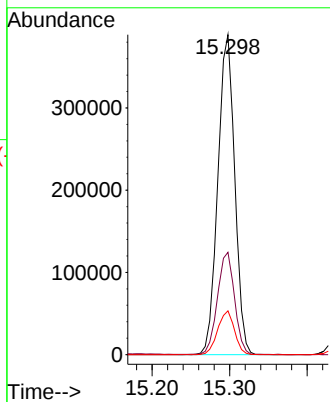
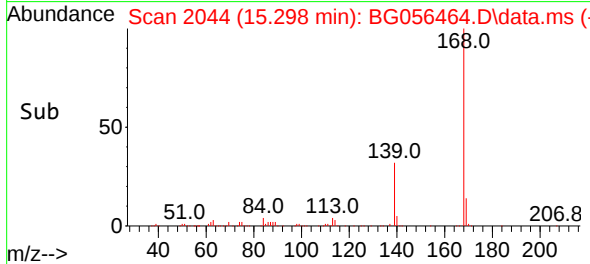
Instrument :
BNA_G
ClientSampleId :
PB150335BS



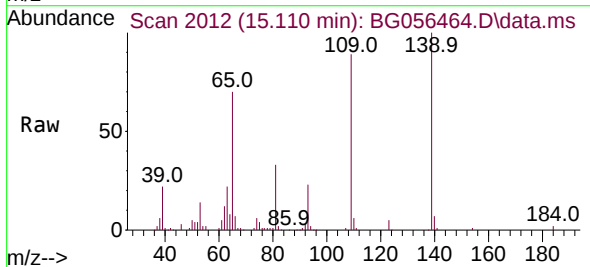
Tgt Ion:168 Resp: 588578
Ion Ratio Lower Upper
168 100
139 32.0 26.2 39.2
169 13.7 11.0 16.6

Manual Integrations
APPROVED

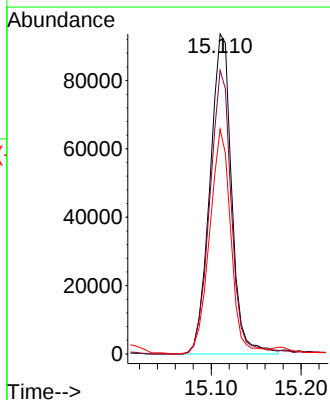
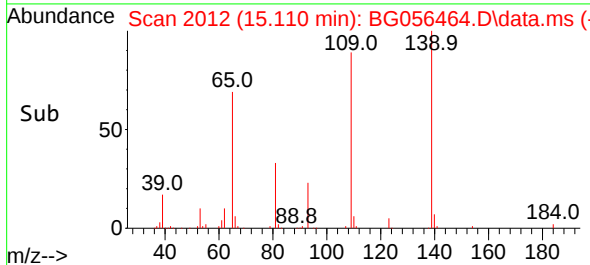
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

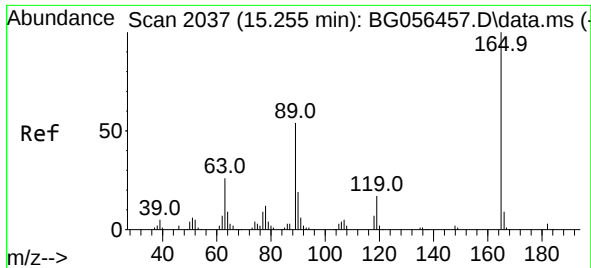


#56
4-Nitrophenol
Concen: 85.059 ng
RT: 15.110 min Scan# 2012
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:139 Resp: 157387
Ion Ratio Lower Upper
139 100
109 88.6 67.5 107.5
65 70.2 50.7 90.7





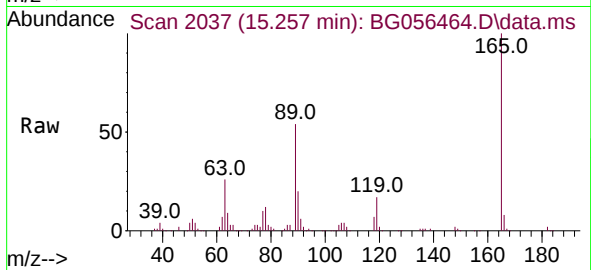
#57
2,4-Dinitrotoluene
Concen: 39.516 ng
RT: 15.257 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

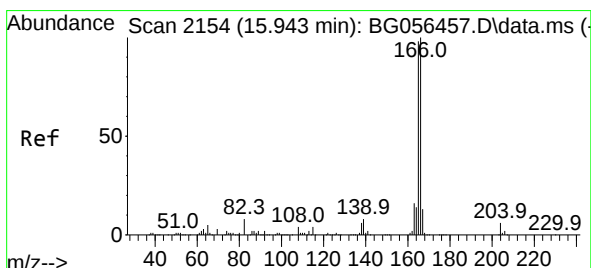
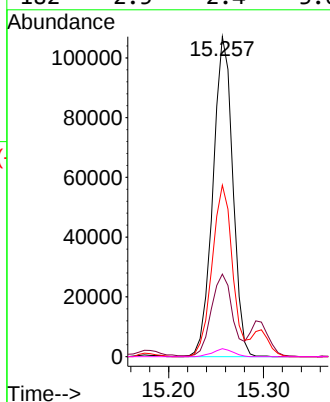
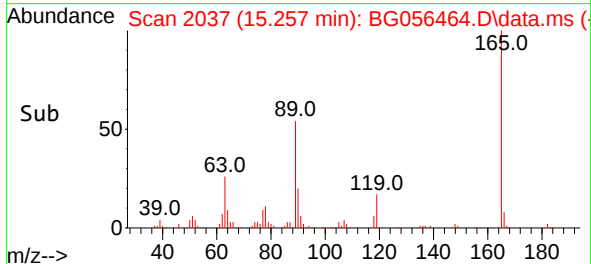


Tgt Ion:165 Resp: 155473
Ion Ratio Lower Upper
165 100
63 25.8 20.6 31.0
89 53.6 43.1 64.7
182 2.5 2.4 3.6

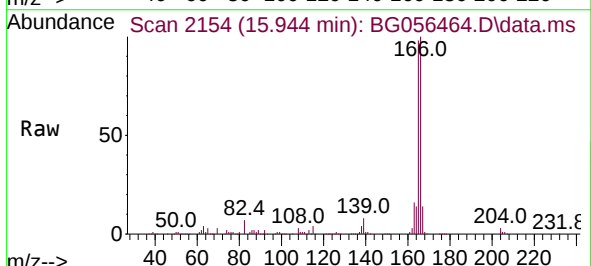
Manual Integrations

APPROVED

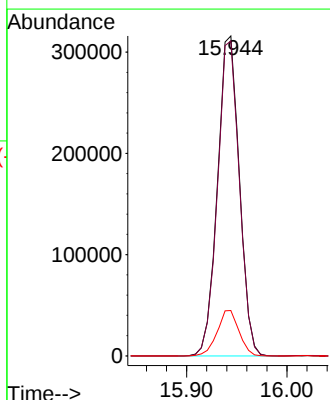
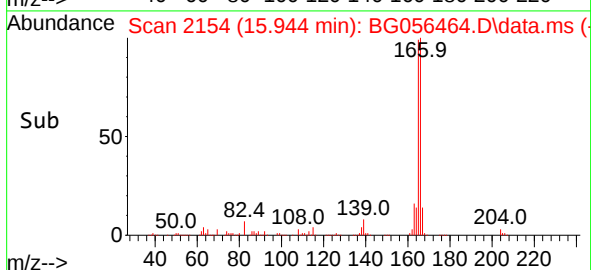
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

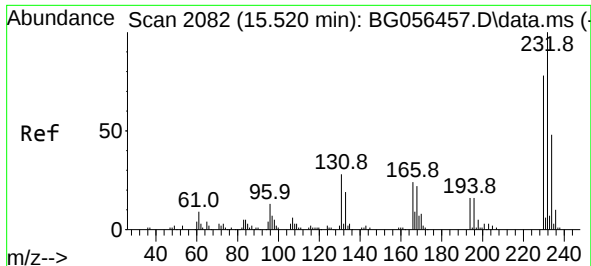


#58
Fluorene
Concen: 38.840 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:166 Resp: 479978
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 14.2 10.6 15.8





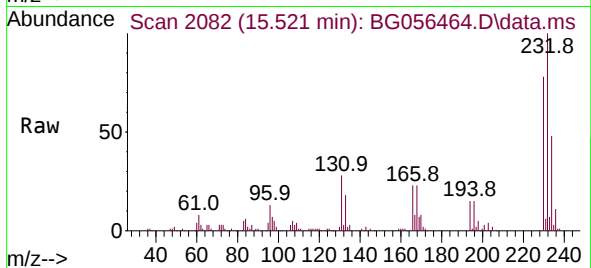
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.245 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

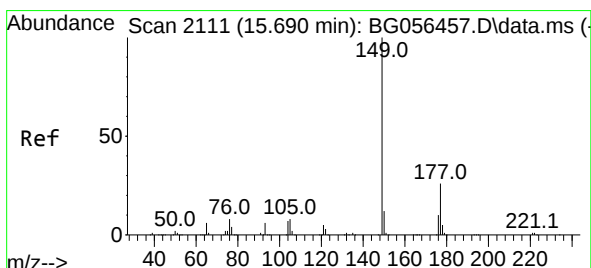
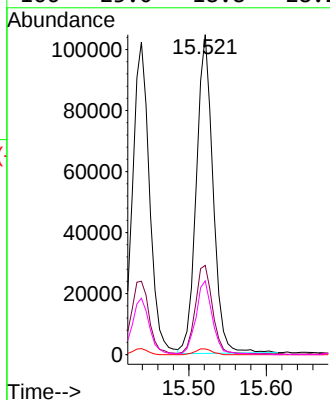
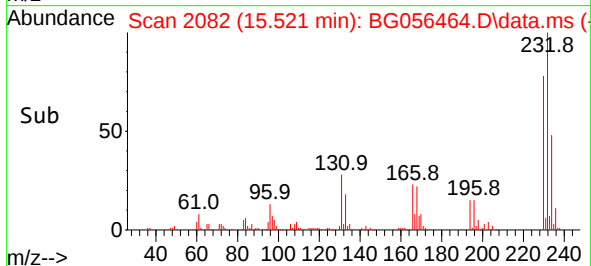


Tgt Ion:232 Resp: 15615
Ion Ratio Lower Upper
232 100
131 29.7 22.8 34.2
130 1.8 1.4 2.0
166 23.0 18.8 28.2

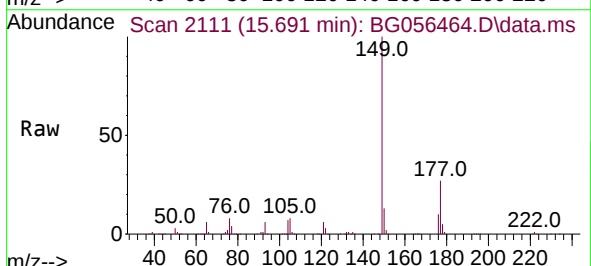
Manual Integrations

APPROVED

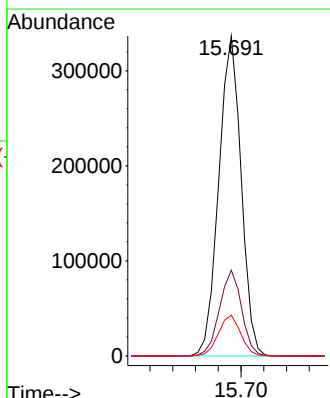
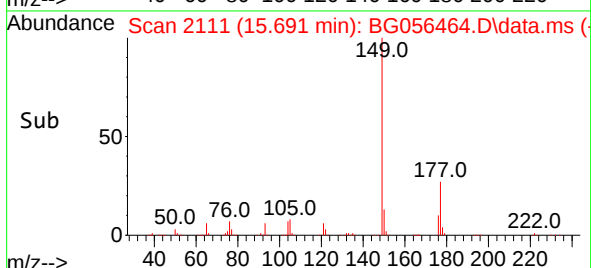
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

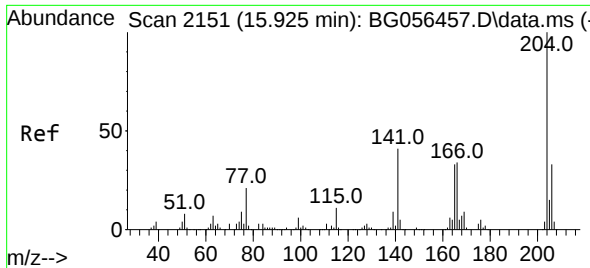


#60
Diethylphthalate
Concen: 38.065 ng
RT: 15.691 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



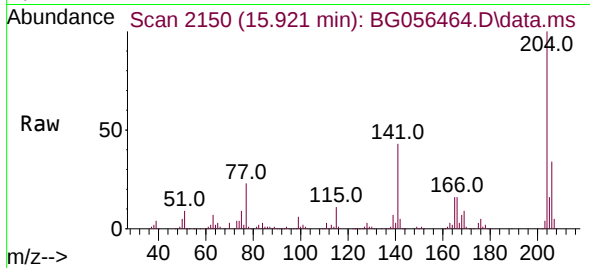
Tgt Ion:149 Resp: 457819
Ion Ratio Lower Upper
149 100
177 26.8 21.0 31.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.758 ng
RT: 15.921 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

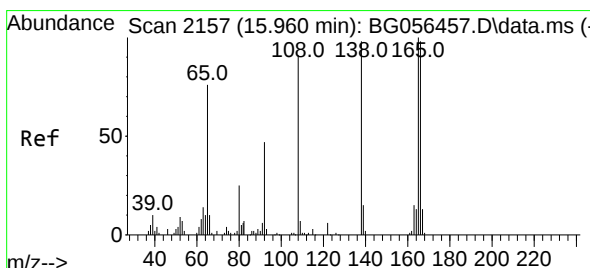
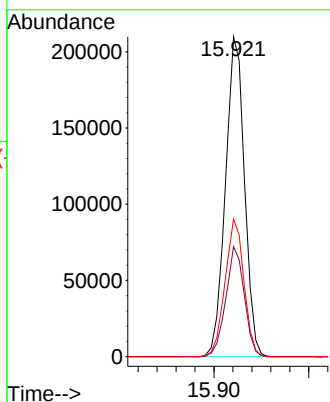
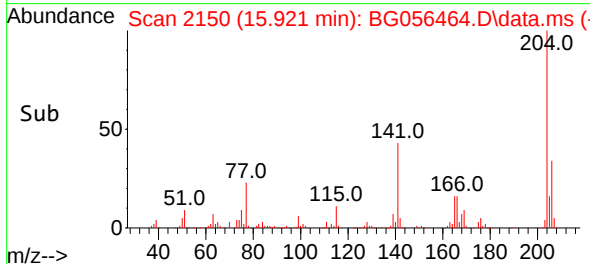
Instrument :
BNA_G
ClientSampleId :
PB150335BS



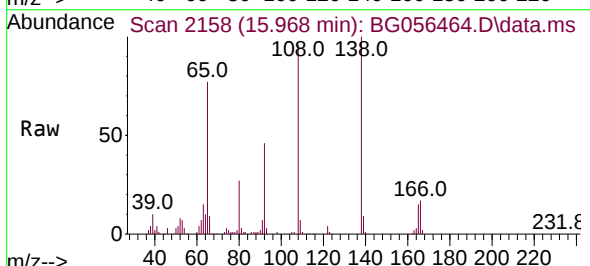
Tgt Ion:204 Resp: 292263
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.4
141 42.9 32.7 49.1

Manual Integrations
APPROVED

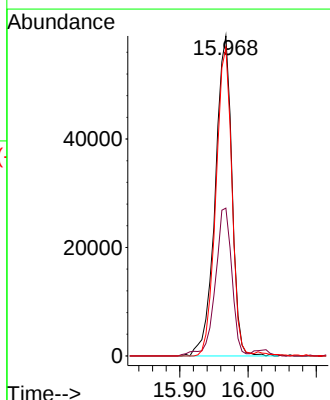
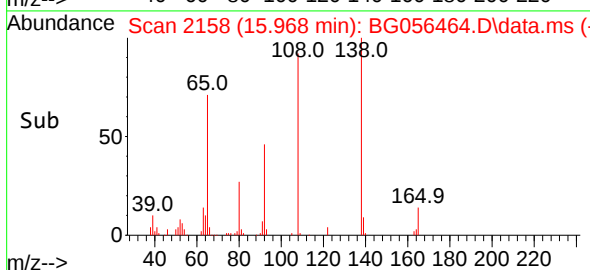
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

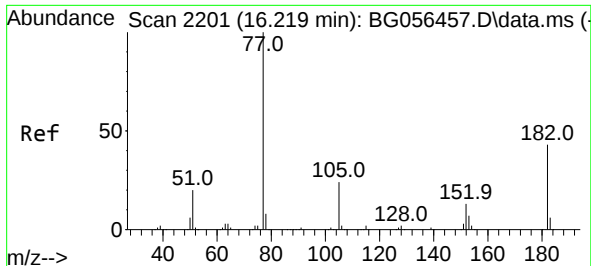


#62
4-Nitroaniline
Concen: 36.893 ng
RT: 15.968 min Scan# 2158
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



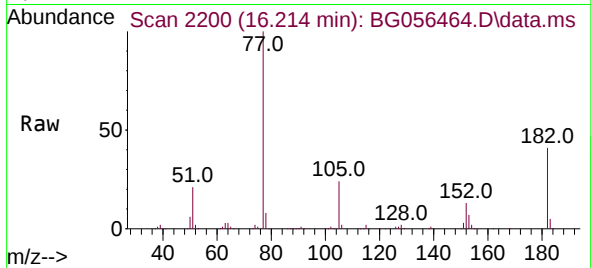
Tgt Ion:138 Resp: 99965
Ion Ratio Lower Upper
138 100
92 46.2 27.8 67.8
108 96.3 72.6 112.6





#63
Azobenzene
Concen: 38.285 ng
RT: 16.214 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

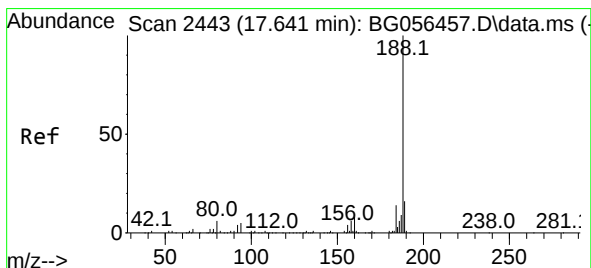
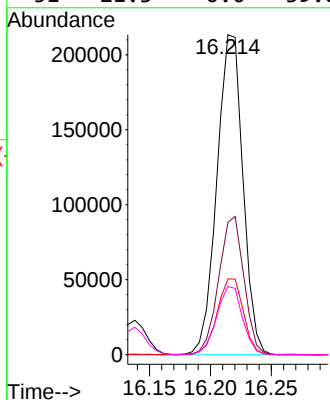
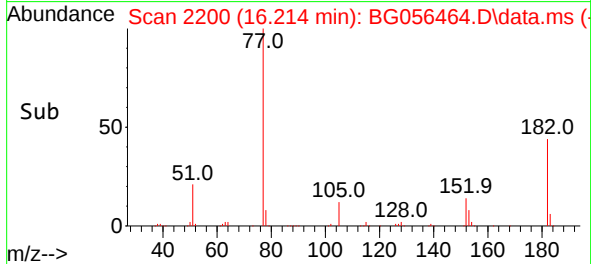
Instrument :
BNA_G
ClientSampleId :
PB150335BS



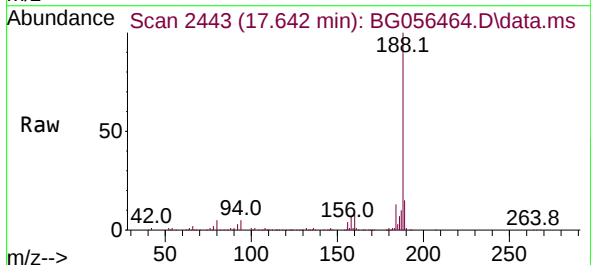
Tgt Ion: 77 Resp: 31683
Ion Ratio Lower Upper
77 100
182 41.3 23.1 63.1
105 23.7 4.2 44.2
51 21.3 0.0 39.8

Manual Integrations
APPROVED

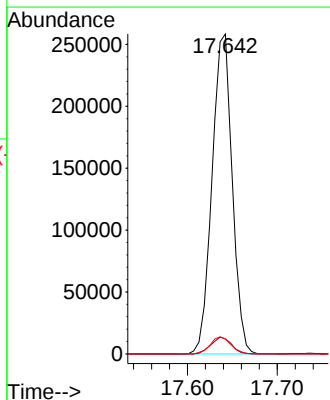
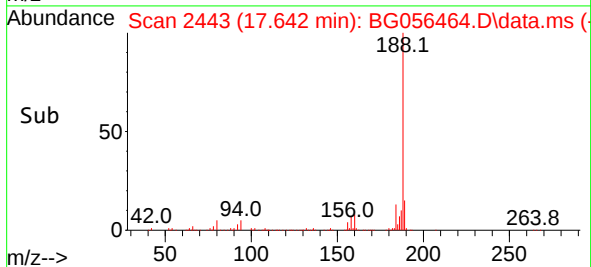
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

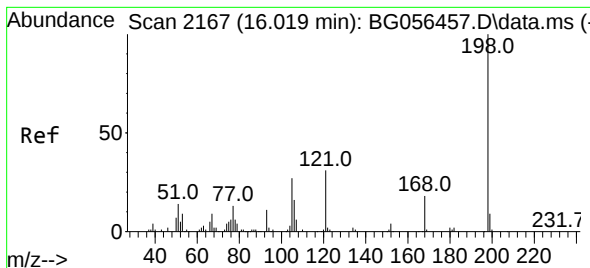


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:188 Resp: 402756
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 4.7 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 38.636 ng
RT: 16.020 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

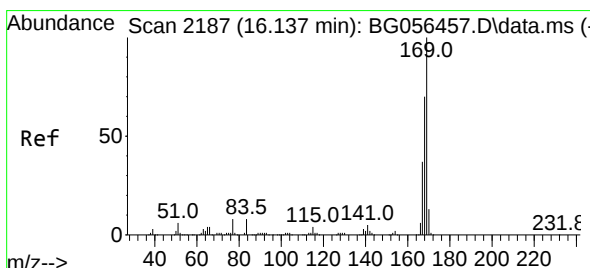
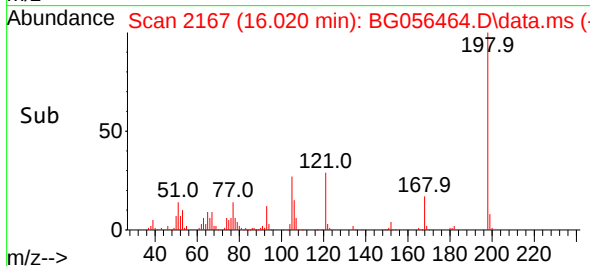
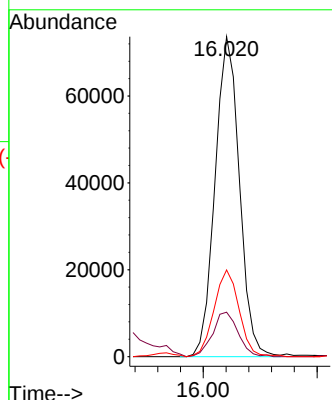
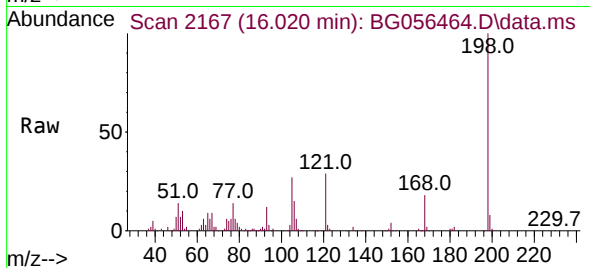
PB150335BS

Tgt Ion:198 Resp: 109401
Ion Ratio Lower Upper
198 100
51 13.9 0.0 35.0
105 27.1 7.4 47.4

Manual Integrations

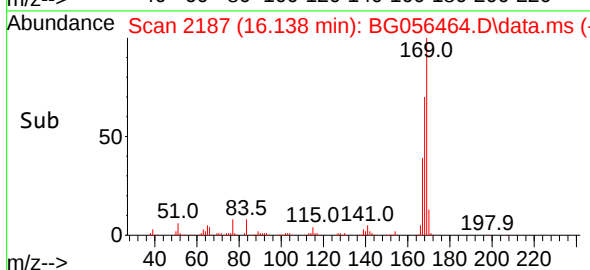
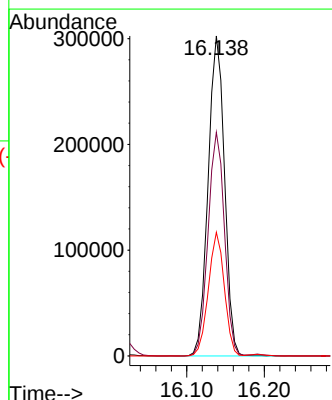
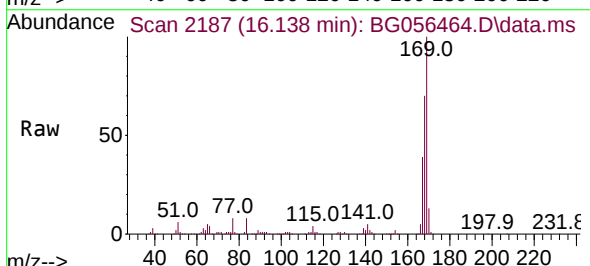
APPROVED

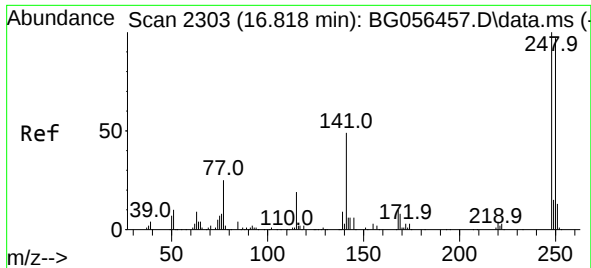
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#66
n-Nitrosodiphenylamine
Concen: 38.829 ng
RT: 16.138 min Scan# 2187
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

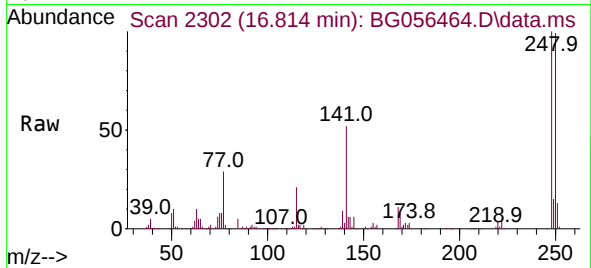
Tgt Ion:169 Resp: 442779
Ion Ratio Lower Upper
169 100
168 69.9 55.8 83.6
167 38.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 39.652 ng
RT: 16.814 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

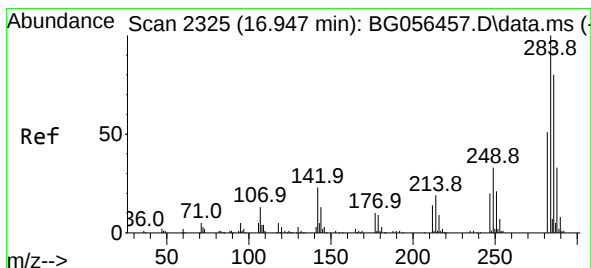
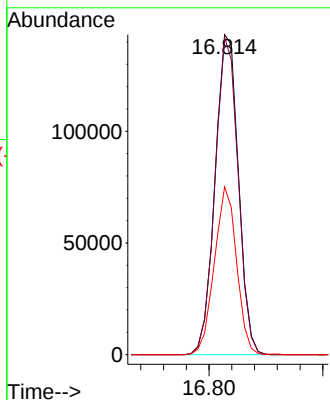
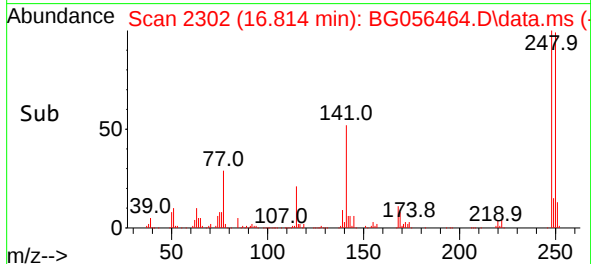
Instrument :
BNA_G
ClientSampleId :
PB150335BS



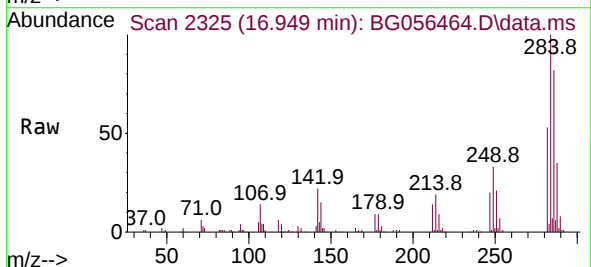
Tgt Ion:248 Resp: 204444
Ion Ratio Lower Upper
248 100
250 99.2 77.6 116.4
141 52.4 39.0 58.4

Manual Integrations
APPROVED

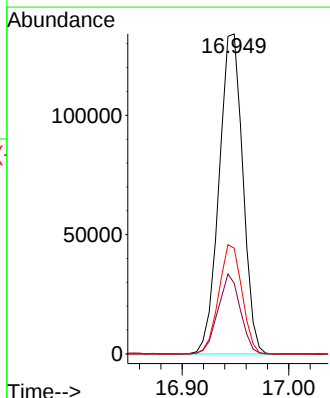
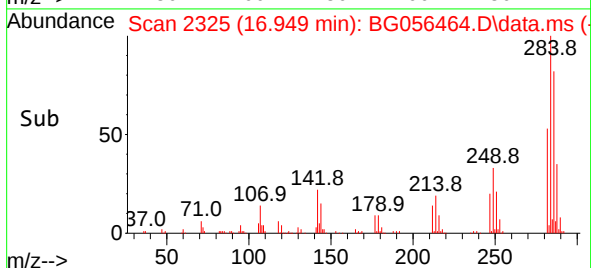
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

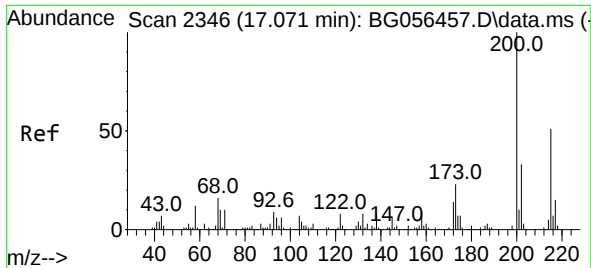


#68
Hexachlorobenzene
Concen: 41.094 ng
RT: 16.949 min Scan# 2325
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:284 Resp: 207522
Ion Ratio Lower Upper
284 100
142 22.1 18.0 27.0
249 33.0 26.7 40.1





#69
 Atrazine
 Concen: 40.952 ng
 RT: 17.072 min Scan# 2346
 Delta R.T. 0.001 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

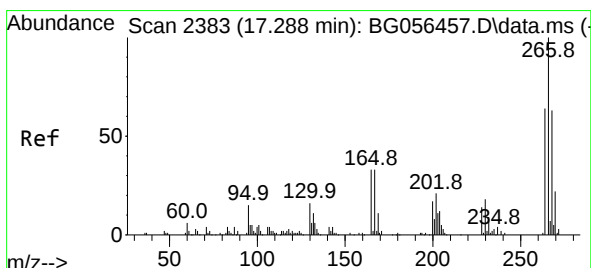
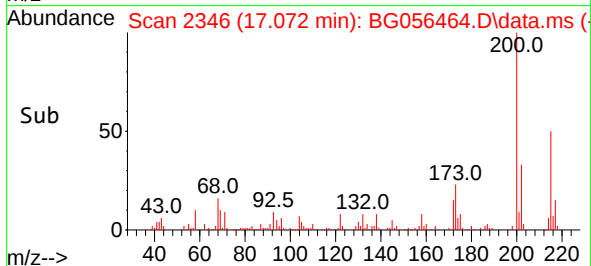
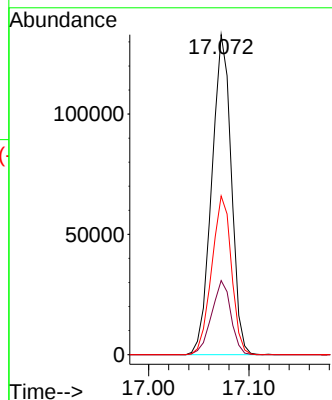
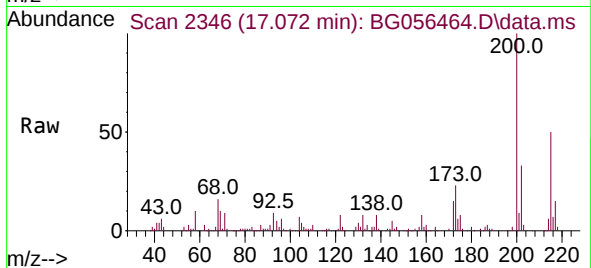
PB150335BS

Tgt Ion:200 Resp: 180156
 Ion Ratio Lower Upper
 200 100
 173 23.1 3.2 43.2
 215 49.6 30.7 70.7

Manual Integrations

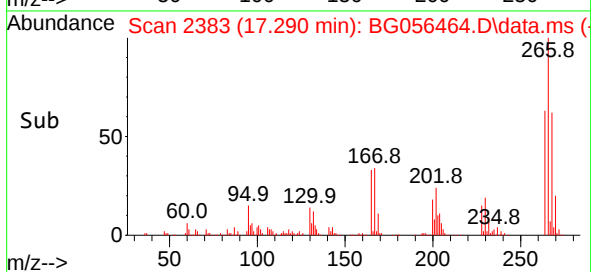
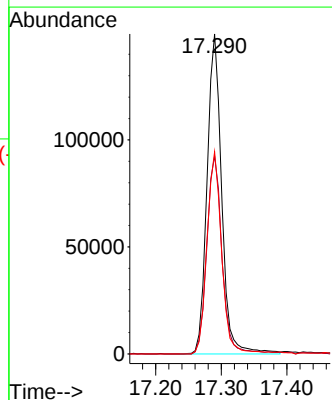
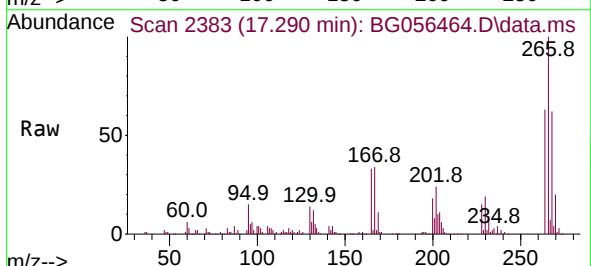
APPROVED

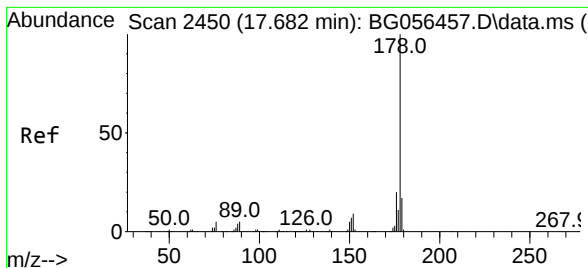
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#70
 Pentachlorophenol
 Concen: 75.604 ng
 RT: 17.290 min Scan# 2383
 Delta R.T. 0.002 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

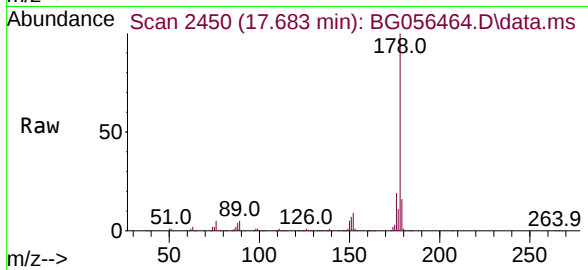
Tgt Ion:266 Resp: 231016
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.2 75.4
 264 63.2 51.4 77.0





#71
Phenanthrene
Concen: 39.299 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

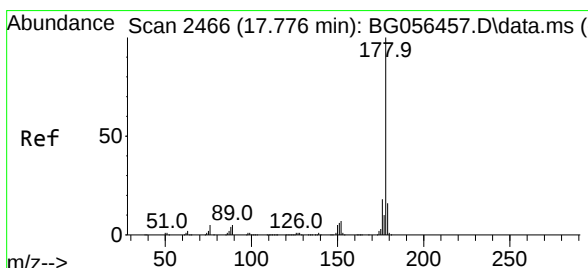
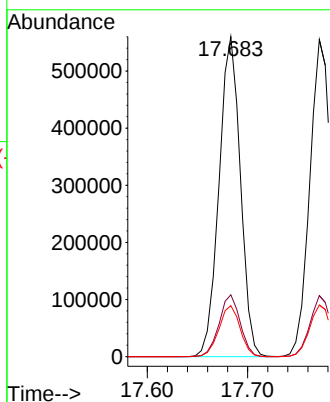
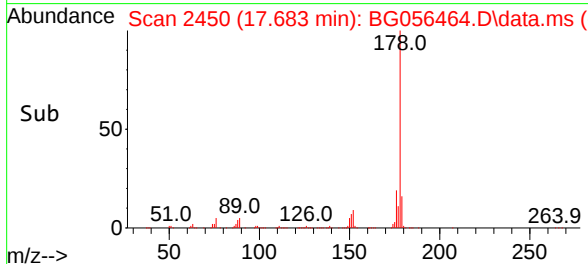
Instrument :
BNA_G
ClientSampleId :
PB150335BS



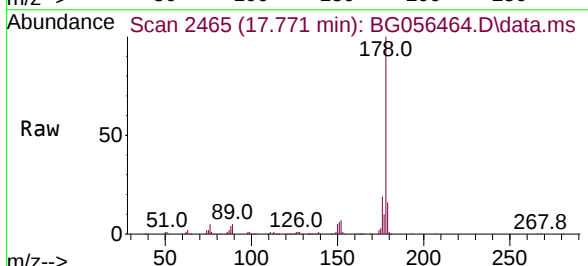
Tgt Ion:178 Resp: 828392
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 13.3 19.9

Manual Integrations
APPROVED

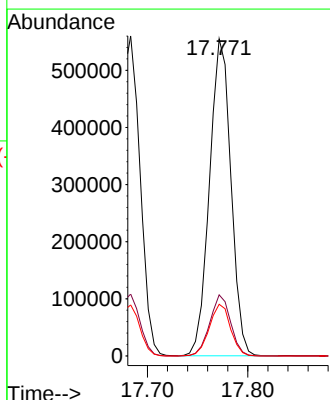
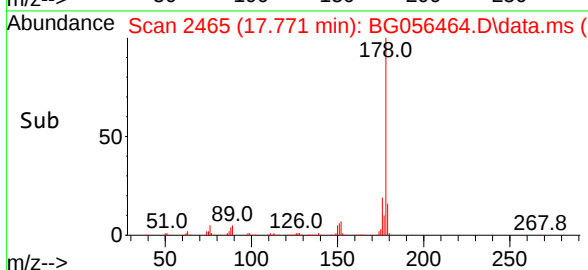
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

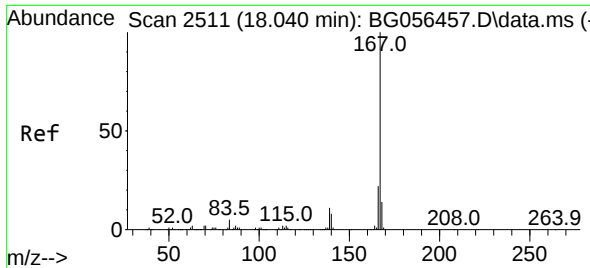


#72
Anthracene
Concen: 38.101 ng
RT: 17.771 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:178 Resp: 824458
Ion Ratio Lower Upper
178 100
176 19.3 14.5 21.7
179 16.3 12.5 18.7





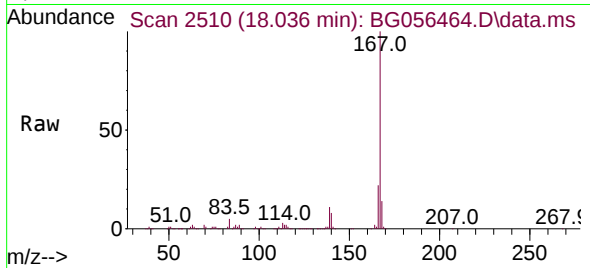
#73
Carbazole
Concen: 39.680 ng
RT: 18.036 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

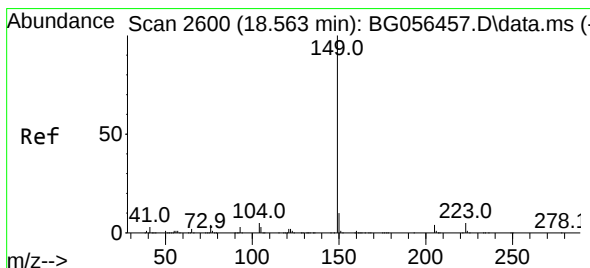
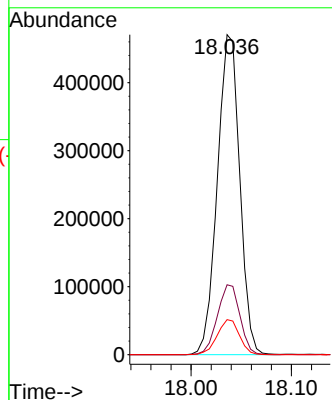
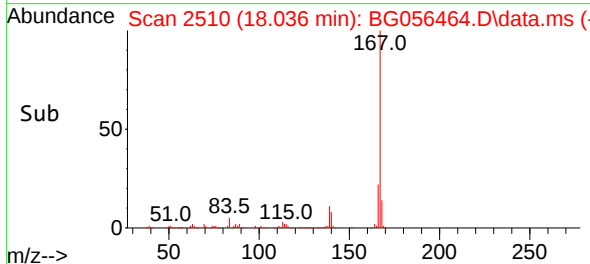


Tgt Ion:167 Resp: 731286
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 10.9 8.9 13.3

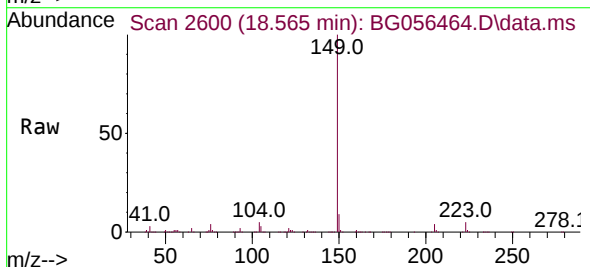
Manual Integrations

APPROVED

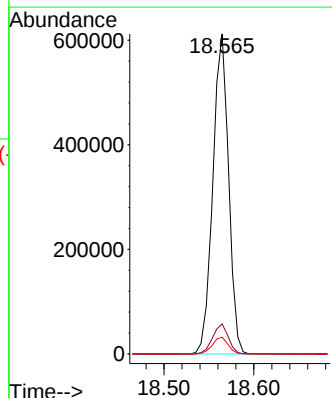
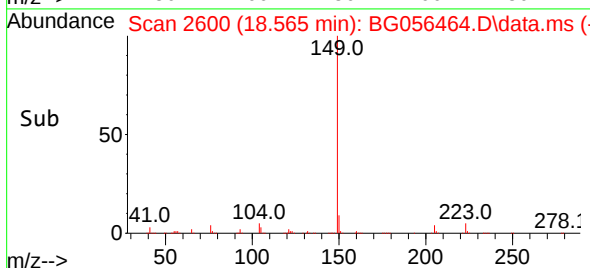
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

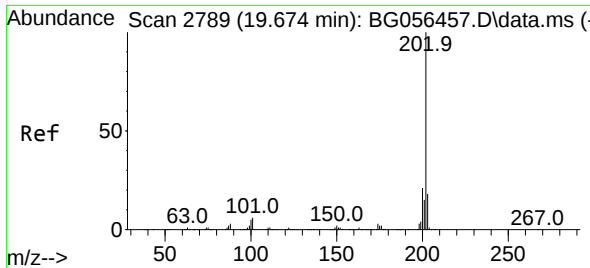


#74
Di-n-butylphthalate
Concen: 38.720 ng
RT: 18.565 min Scan# 2600
Delta R.T. 0.002 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



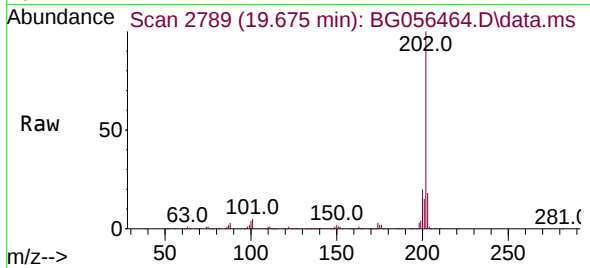
Tgt Ion:149 Resp: 749274
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 39.228 ng
RT: 19.675 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

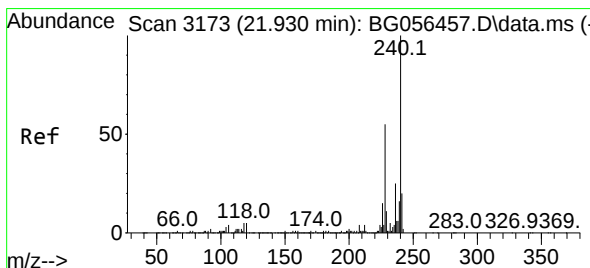
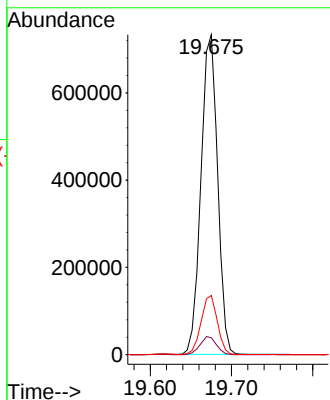
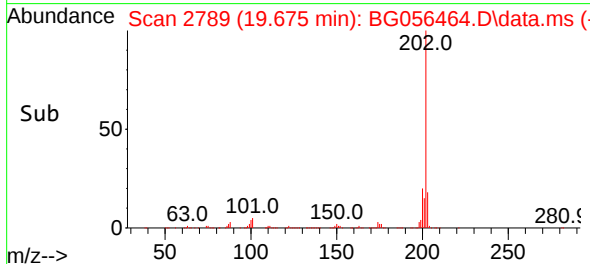
Instrument :
BNA_G
ClientSampleId :
PB150335BS



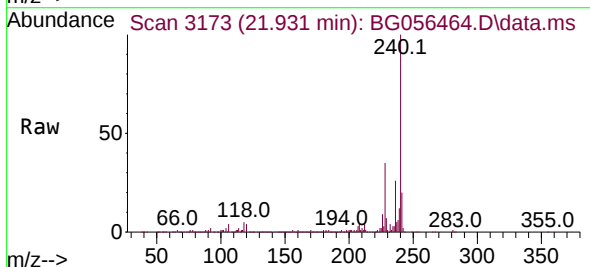
Tgt Ion:202 Resp: 1043653
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.6
203 18.5 0.0 38.1

Manual Integrations
APPROVED

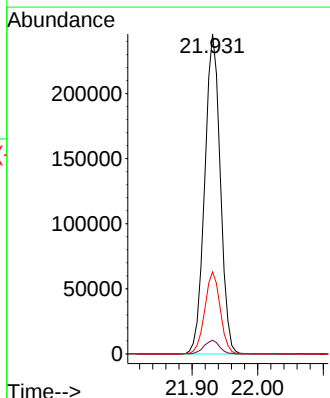
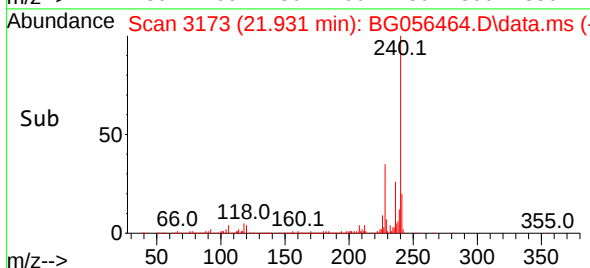
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

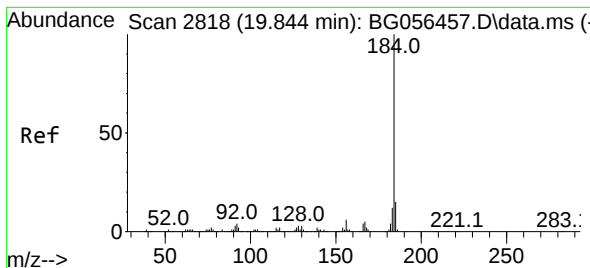


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:240 Resp: 403407
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.6 20.2 30.2





#77

Benzidine

Concen: 32.364 ng

RT: 19.840 min Scan# 2818

Delta R.T. -0.004 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

Tgt Ion:184 Resp: 353308

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

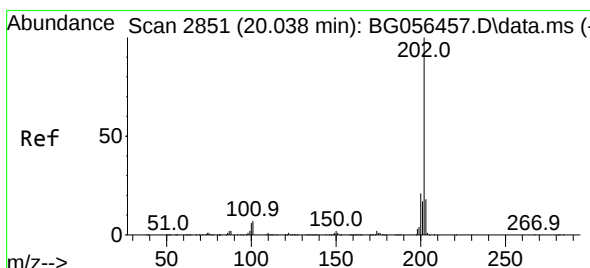
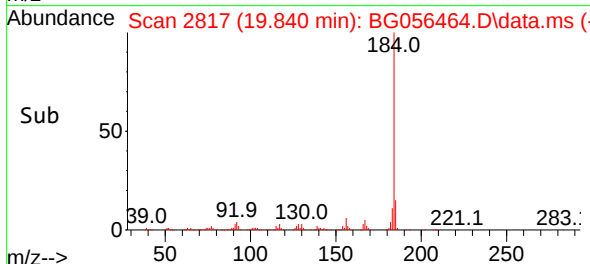
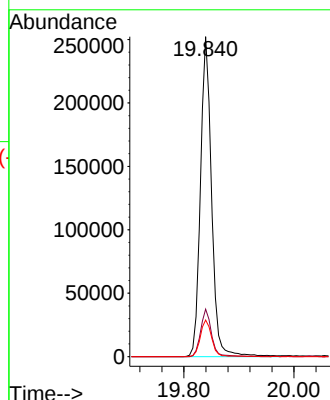
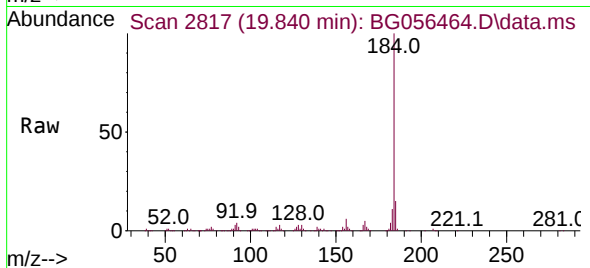
183 11.4 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#78

Pyrene

Concen: 36.660 ng

RT: 20.033 min Scan# 2850

Delta R.T. -0.005 min

Lab File: BG056464.D

Acq: 27 Jan 2023 21:12

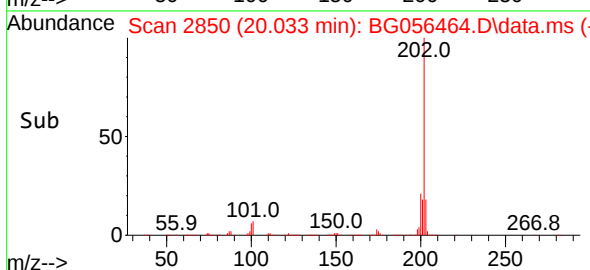
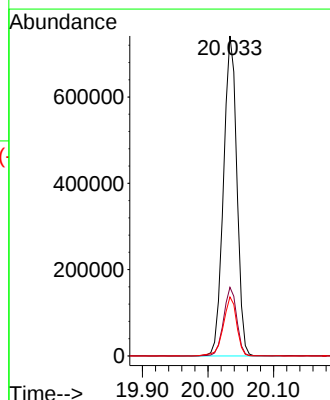
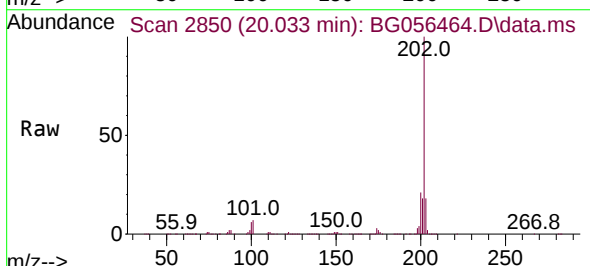
Tgt Ion:202 Resp: 1051826

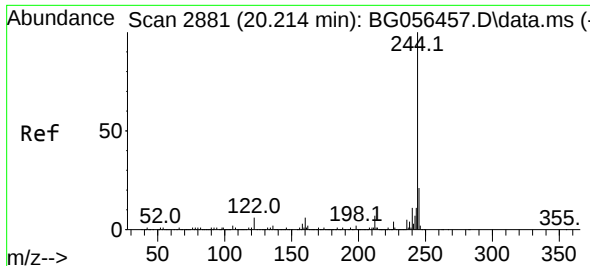
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

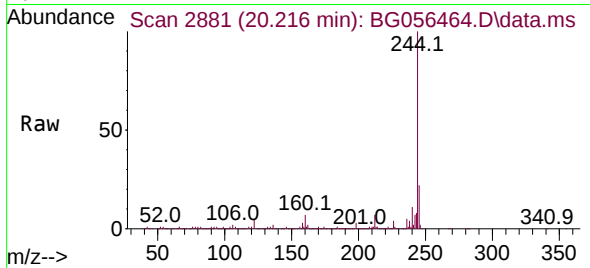
203 18.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 76.770 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

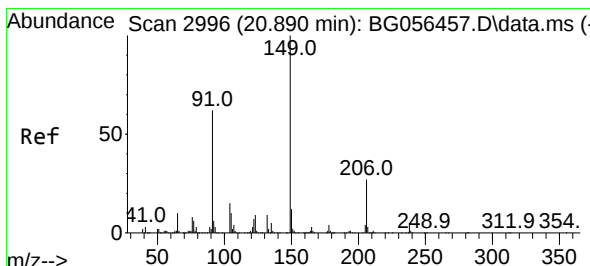
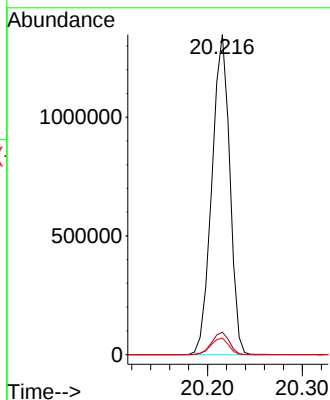
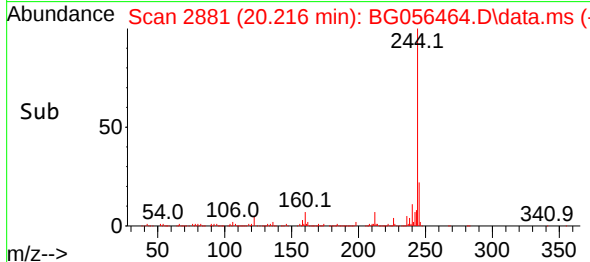
Instrument :
 BNA_G
 ClientSampleId :
 PB150335BS



Tgt Ion:244 Resp: 1763268
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.2 4.4 6.6

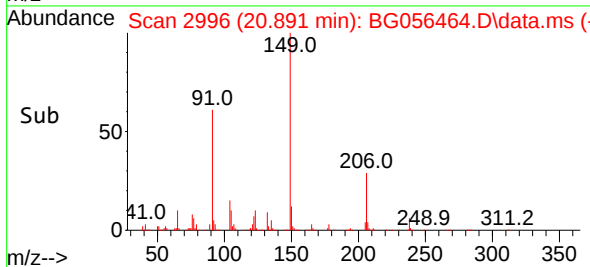
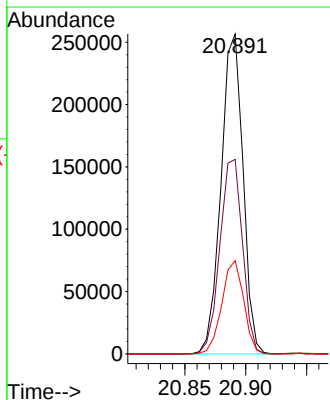
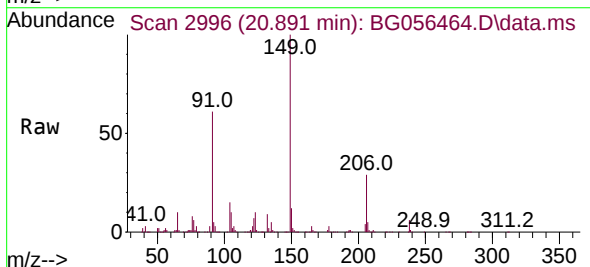
Manual Integrations
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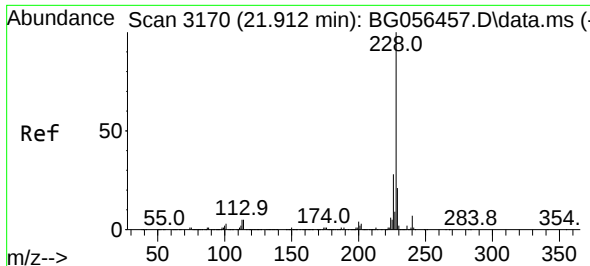
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#80
 Butylbenzylphthalate
 Concen: 36.737 ng
 RT: 20.891 min Scan# 2996
 Delta R.T. 0.001 min
 Lab File: BG056464.D
 Acq: 27 Jan 2023 21:12

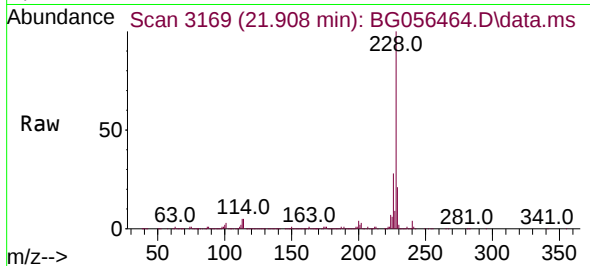
Tgt Ion:149 Resp: 321900
 Ion Ratio Lower Upper
 149 100
 91 60.8 49.4 74.0
 206 29.1 22.0 33.0





#81
Benzo(a)anthracene
Concen: 37.612 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

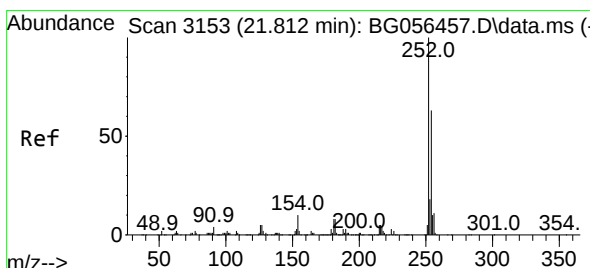
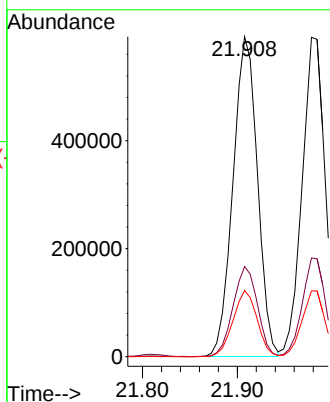
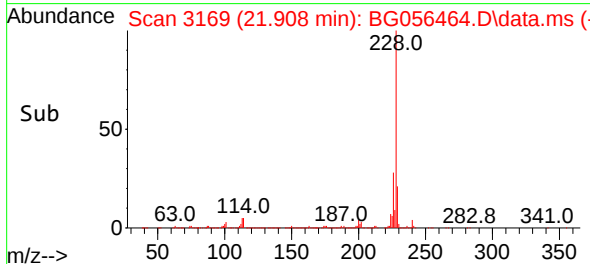
Instrument :
BNA_G
ClientSampleId :
PB150335BS



Tgt Ion:228 Resp: 1060776
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.6 16.5 24.7

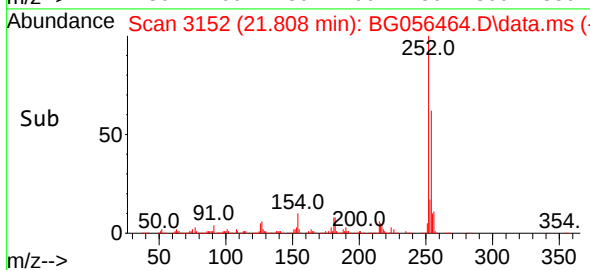
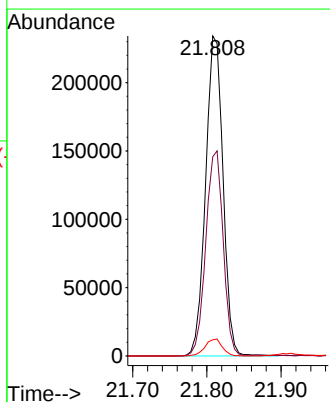
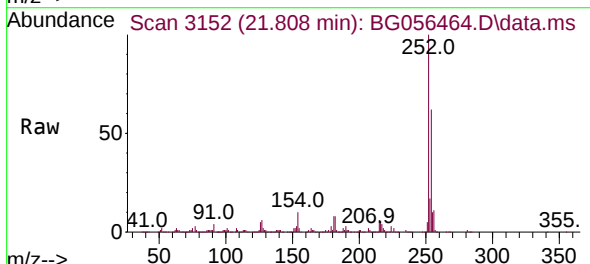
Manual Integrations
APPROVED

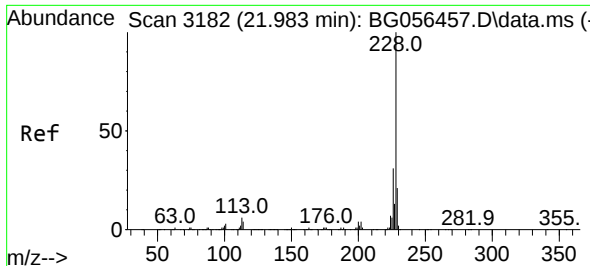
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.593 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

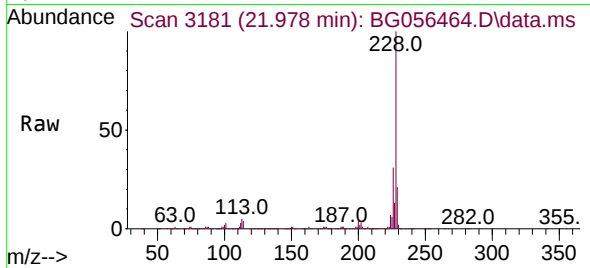
Tgt Ion:252 Resp: 381798
Ion Ratio Lower Upper
252 100
254 62.2 50.0 75.0
126 5.0 4.3 6.5





#83
Chrysene
Concen: 37.327 ng
RT: 21.978 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

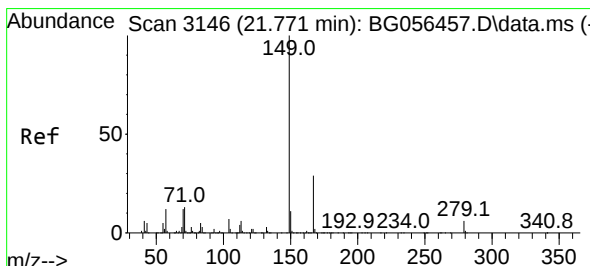
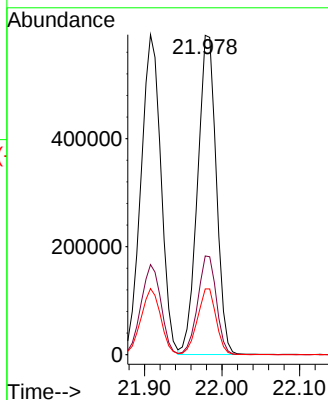
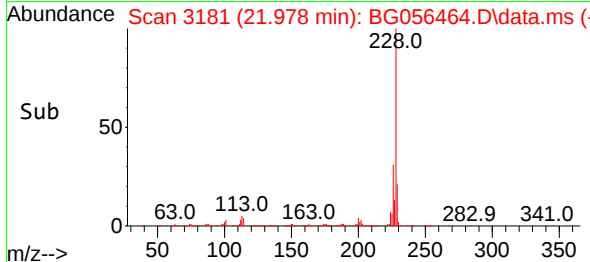
Instrument :
BNA_G
ClientSampleId :
PB150335BS



Tgt Ion:228 Resp: 989028
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.6 16.4 24.6

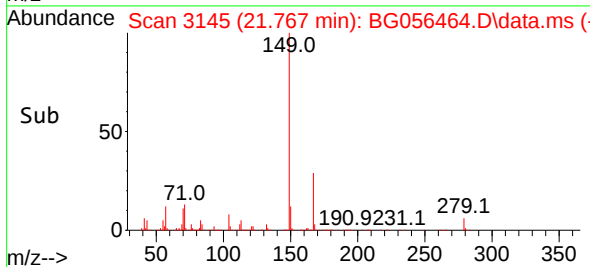
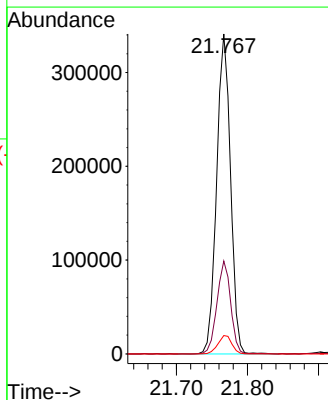
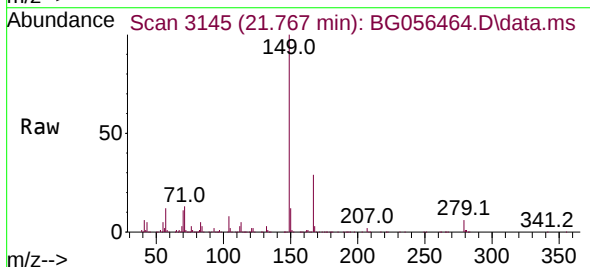
Manual Integrations
APPROVED

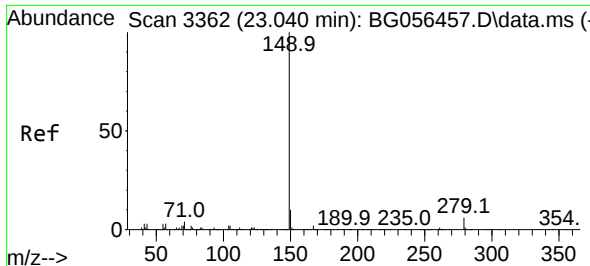
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.867 ng
RT: 21.767 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

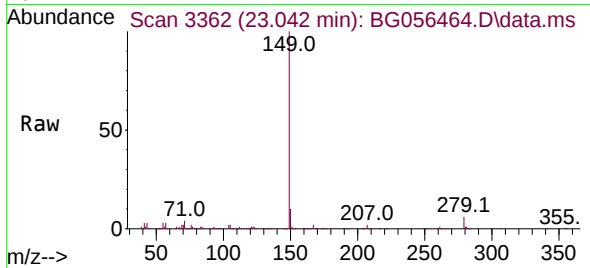
Tgt Ion:149 Resp: 463149
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.2
279 5.7 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 36.719 ng
RT: 23.042 min Scan# 3362
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

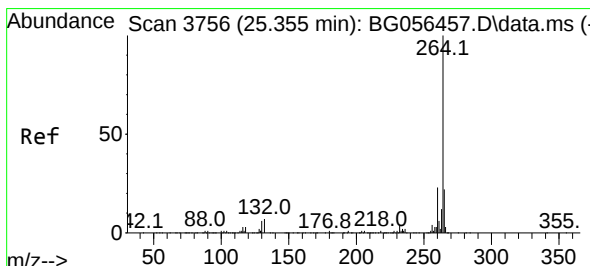
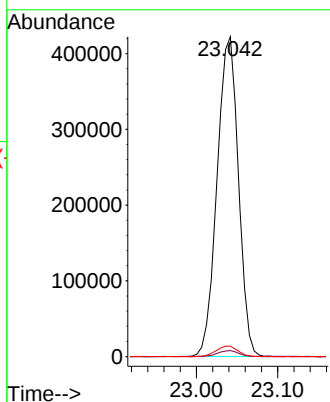
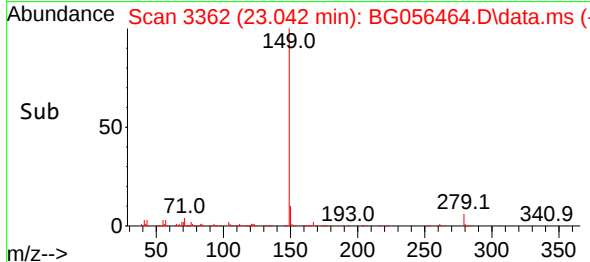
Instrument :
BNA_G
ClientSampleId :
PB150335BS



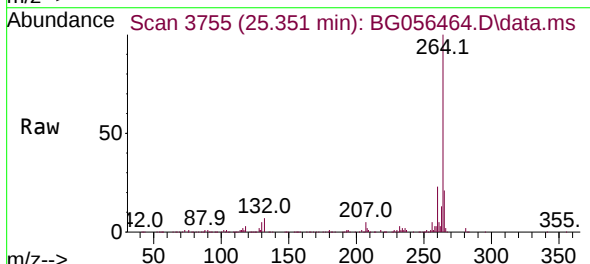
Tgt Ion:149 Resp: 768223
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.4 2.7 4.1

Manual Integrations
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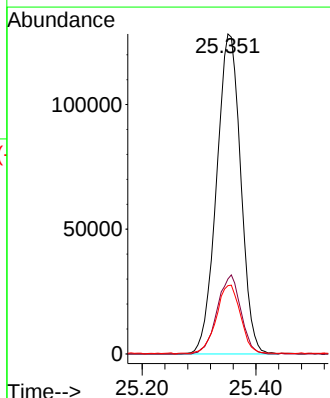
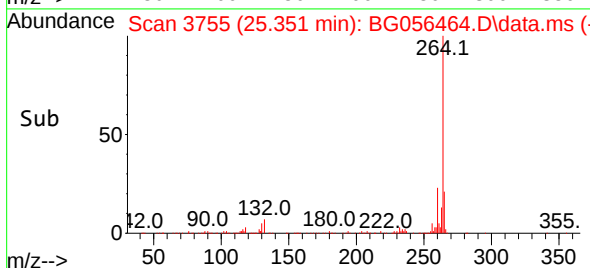
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

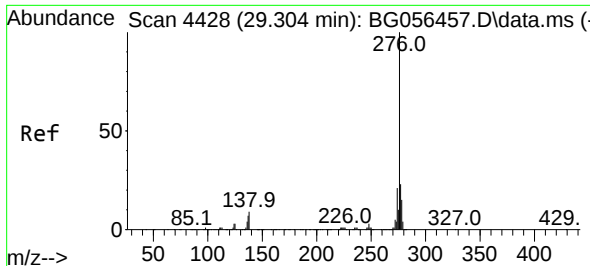


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3755
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:264 Resp: 377476
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.3 18.1 27.1





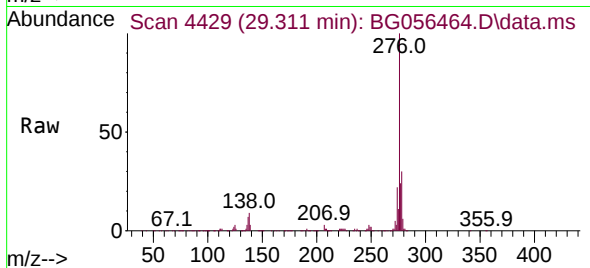
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.497 ng
RT: 29.311 min Scan# 4428
Delta R.T. 0.007 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

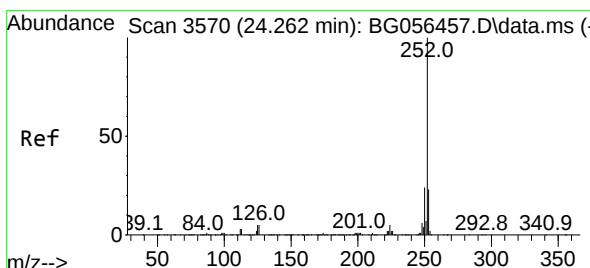
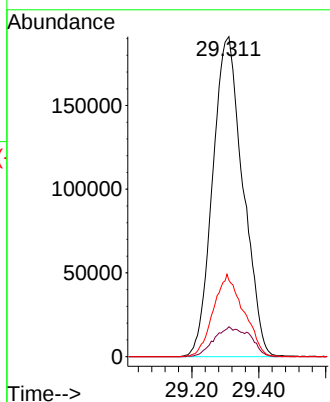
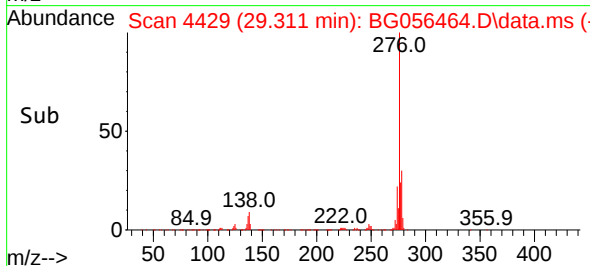


Tgt Ion:276 Resp: 1201910
Ion Ratio Lower Upper
276 100
138 10.9 9.4 14.2
277 25.7 20.3 30.5

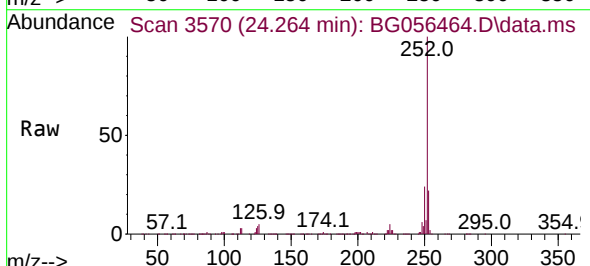
Manual Integrations

APPROVED

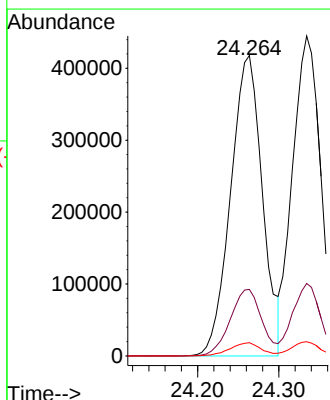
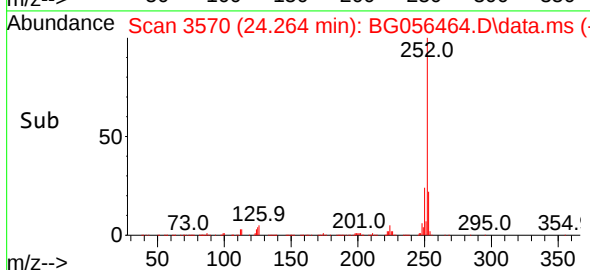
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

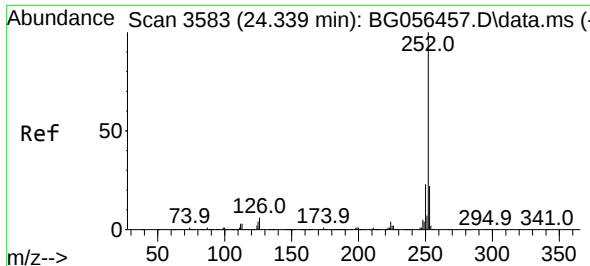


#88
Benzo(b)fluoranthene
Concen: 48.477 ng
RT: 24.264 min Scan# 3570
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12



Tgt Ion:252 Resp: 1135789
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 4.4 3.9 5.9





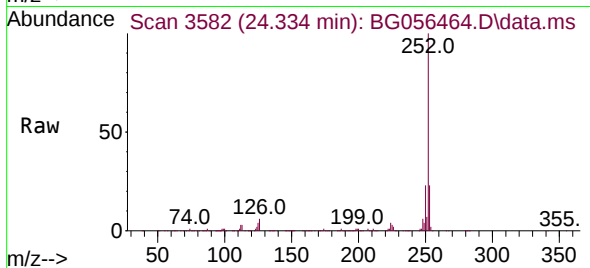
#89
Benzo(k)fluoranthene
Concen: 44.914 ng
RT: 24.334 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Instrument :

BNA_G

ClientSampleId :

PB150335BS

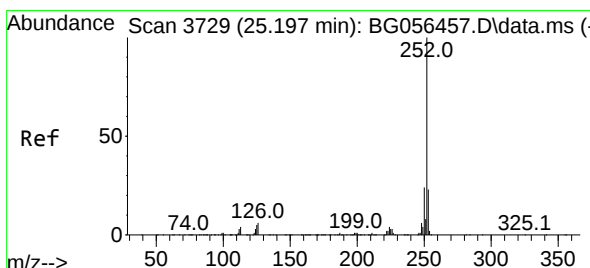
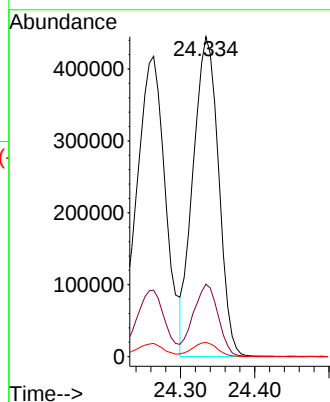
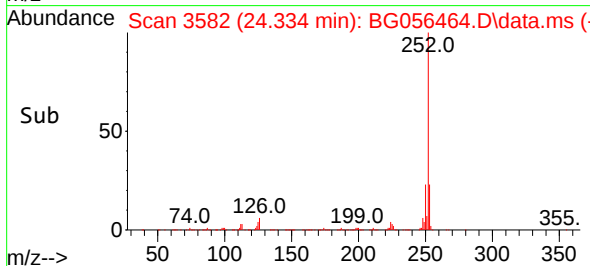


Tgt Ion:252 Resp: 1062463
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.4 3.4 5.0

Manual Integrations

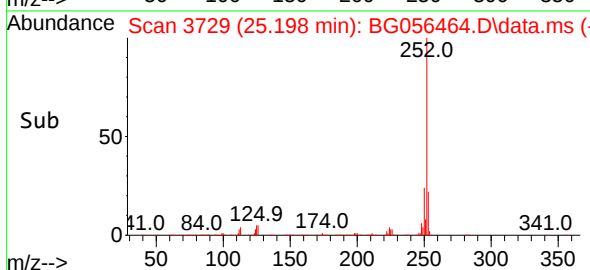
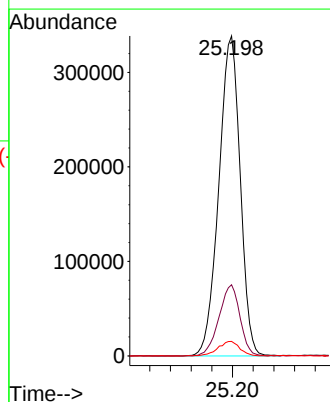
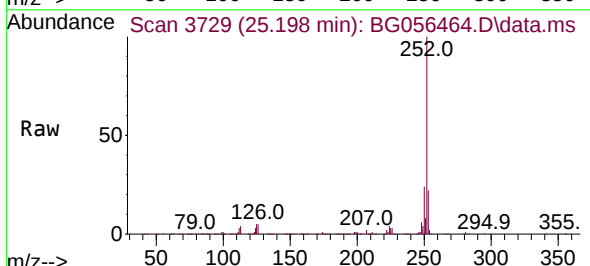
APPROVED

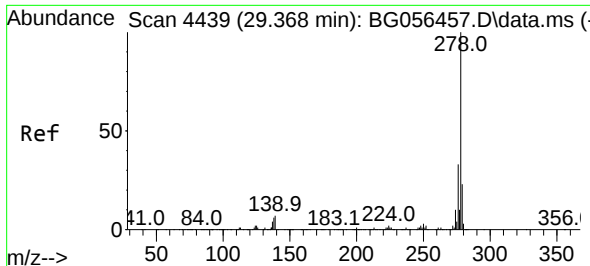
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#90
Benzo(a)pyrene
Concen: 42.232 ng
RT: 25.198 min Scan# 3729
Delta R.T. 0.001 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

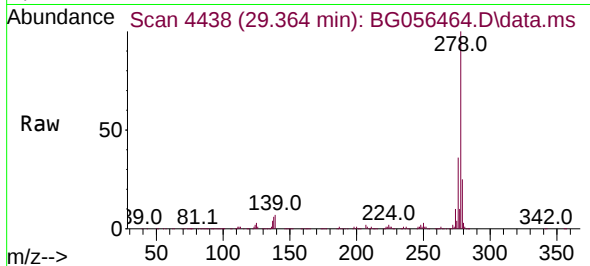
Tgt Ion:252 Resp: 974695
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 4.5 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 45.952 ng
RT: 29.364 min Scan# 4439
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

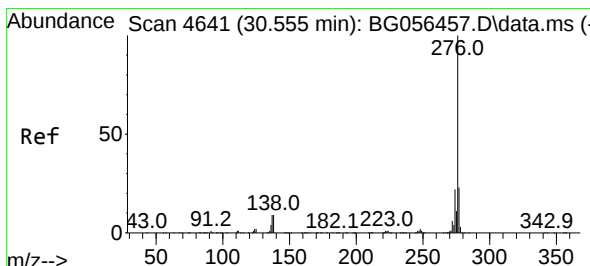
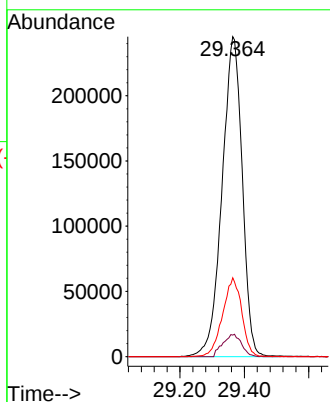
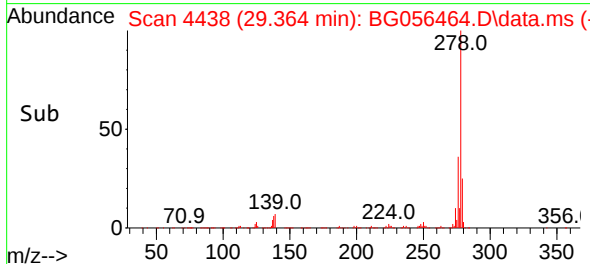
Instrument :
BNA_G
ClientSampleId :
PB150335BS



Tgt Ion:278 Resp: 1065815
Ion Ratio Lower Upper
278 100
139 6.7 5.5 8.3
279 24.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#92
Benzo(g,h,i)perylene
Concen: 46.138 ng
RT: 30.551 min Scan# 4640
Delta R.T. -0.005 min
Lab File: BG056464.D
Acq: 27 Jan 2023 21:12

Tgt Ion:276 Resp: 1032562
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 9.1 7.4 11.0

