

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055824.D
 Acq On : 29 Nov 2022 11:36
 Operator : CG/JU
 Sample : PB149290BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149290BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/30/2022
 Supervised By : Jagrut Upadhyay 11/30/2022

Quant Time: Nov 30 02:08:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	36730	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	177936	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	140495	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	343681	20.000	ng	0.00
76) Chrysene-d12	21.886	240	320746	20.000	ng	0.00
86) Perylene-d12	25.276	264	332977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	285756	140.623	ng	0.00
7) Phenol-d6	7.379	99	391072	144.573	ng	0.00
23) Nitrobenzene-d5	9.401	82	238649	70.889	ng	0.00
42) 2,4,6-Tribromophenol	16.339	330	237711	120.156	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	651720	69.494	ng	0.00
79) Terphenyl-d14	20.176	244	1233256	76.904	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.578	88	25937	29.867	ng	95
3) Pyridine	3.995	79	77489	29.087	ng	100
4) n-Nitrosodimethylamine	3.907	42	55195	39.133	ng	98
6) Aniline	7.544	93	147529	43.422	ng	99
8) 2-Chlorophenol	7.791	128	111001	47.783	ng	98
9) Benzaldehyde	7.350	77	62426m	33.981	ng	
10) Phenol	7.409	94	144898	47.840	ng	98
11) bis(2-Chloroethyl)ether	7.632	93	95180	41.006	ng	97
12) 1,3-Dichlorobenzene	8.114	146	111141	40.693	ng	99
13) 1,4-Dichlorobenzene	8.261	146	112144	40.634	ng	99
14) 1,2-Dichlorobenzene	8.584	146	111045	41.988	ng	97
15) Benzyl Alcohol	8.460	79	103890m	47.257	ng	
16) 2,2'-oxybis(1-Chloropr...	8.742	45	178838	42.561	ng	99
17) 2-Methylphenol	8.666	107	102835	47.823	ng	97
18) Hexachloroethane	9.318	117	39241	41.310	ng	98
19) n-Nitroso-di-n-propyla...	9.030	70	90997	43.783	ng	100
20) 3+4-Methylphenols	8.995	107	145257	48.357	ng	99
22) Acetophenone	9.054	105	171473	37.086	ng	96
24) Nitrobenzene	9.442	77	129588	36.852	ng	99
25) Isophorone	9.965	82	260183	40.790	ng	99
26) 2-Nitrophenol	10.158	139	67451	41.552	ng	94
27) 2,4-Dimethylphenol	10.211	122	120303m	48.694	ng	
28) bis(2-Chloroethoxy)met...	10.440	93	144153	42.096	ng	98
29) 2,4-Dichlorophenol	10.699	162	127082	42.976	ng	97
30) 1,2,4-Trichlorobenzene	10.911	180	124956	36.372	ng	99
31) Naphthalene	11.104	128	345485	35.917	ng	99
32) Benzoic acid	10.364	122	62298	30.649	ng	97
33) 4-Chloroaniline	11.210	127	134573	33.915	ng	98
34) Hexachlorobutadiene	11.381	225	83502	35.596	ng	96
35) Caprolactam	11.986	113	44876m	43.854	ng	
36) 4-Chloro-3-methylphenol	12.321	107	142387	43.810	ng	97
37) 2-Methylnaphthalene	12.697	142	274433	38.104	ng	99
38) 1-Methylnaphthalene	12.914	142	261083	37.342	ng	100
40) 1,2,4,5-Tetrachloroben...	13.055	216	162913	36.899	ng	99
41) Hexachlorocyclopentadiene	13.032	237	161866	72.741	ng	99
43) 2,4,6-Trichlorophenol	13.296	196	114029	37.862	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	126428	38.200	ng	98
46) 1,1'-Biphenyl	13.690	154	382212	37.332	ng	98
47) 2-Chloronaphthalene	13.737	162	293471	36.879	ng	99
48) 2-Nitroaniline	13.936	65	103376	39.512	ng	96
49) Acenaphthylene	14.577	152	486336	37.113	ng	100
50) Dimethylphthalate	14.295	163	423844	37.844	ng	99
51) 2,6-Dinitrotoluene	14.424	165	91814	40.094	ng	98
52) Acenaphthene	14.918	154	358370m	41.844	ng	
53) 3-Nitroaniline	14.753	138	79323	31.554	ng	97
54) 2,4-Dinitrophenol	14.965	184	114135	86.686	ng	99
55) Dibenzofuran	15.247	168	489396	37.041	ng	99
56) 4-Nitrophenol	15.064	139	147560	74.790	ng	94
57) 2,4-Dinitrotoluene	15.211	165	133797	41.440	ng	93
58) Fluorene	15.893	166	391944	37.143	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.470	232	119109	37.141	ng	99
60) Diethylphthalate	15.646	149	428223	37.818	ng	99
61) 4-Chlorophenyl-phenyle...	15.875	204	220139	37.951	ng	98
62) 4-Nitroaniline	15.916	138	99884	38.010	ng	97
63) Azobenzene	16.169	77	362655	36.685	ng	99
65) 4,6-Dinitro-2-methylph...	15.975	198	81954	42.705	ng	94
66) n-Nitrosodiphenylamine	16.093	169	358058	37.804	ng	98
67) 4-Bromophenyl-phenylether	16.768	248	149792	38.253	ng	99
68) Hexachlorobenzene	16.898	284	165246	38.057	ng	96
69) Atrazine	17.033	200	157893	42.150	ng	98
70) Pentachlorophenol	17.244	266	177874	66.967	ng	97
71) Phenanthrene	17.638	178	674050	36.344	ng	100
72) Anthracene	17.726	178	685532	38.043	ng	99
73) Carbazole	17.990	167	627708	38.748	ng	99
74) Di-n-butylphthalate	18.525	149	762097	37.886	ng	99
75) Fluoranthene	19.630	202	812415	36.006	ng	100
77) Benzidine	19.800	184	402372	54.226	ng	99
78) Pyrene	19.994	202	822819	37.899	ng	100
80) Butylbenzylphthalate	20.852	149	324047	38.127	ng	100
81) Benzo(a)anthracene	21.862	228	818944	37.070	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	267425	34.450	ng	99
83) Chrysene	21.933	228	773724	36.789	ng	99
84) Bis(2-ethylhexyl)phtha...	21.727	149	472434	38.678	ng	99
85) Di-n-octyl phthalate	22.990	149	802873	38.409	ng	100
87) Indeno(1,2,3-cd)pyrene	29.189	276	978770	35.881	ng	# 95
88) Benzo(b)fluoranthene	24.189	252	858667	39.597	ng	100
89) Benzo(k)fluoranthene	24.265	252	854251	39.519	ng	98
90) Benzo(a)pyrene	25.117	252	767501	41.244	ng	100
91) Dibenzo(a,h)anthracene	29.248	278	840576	37.709	ng	98
92) Benzo(g,h,i)perylene	30.423	276	820785	36.533	ng	99

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

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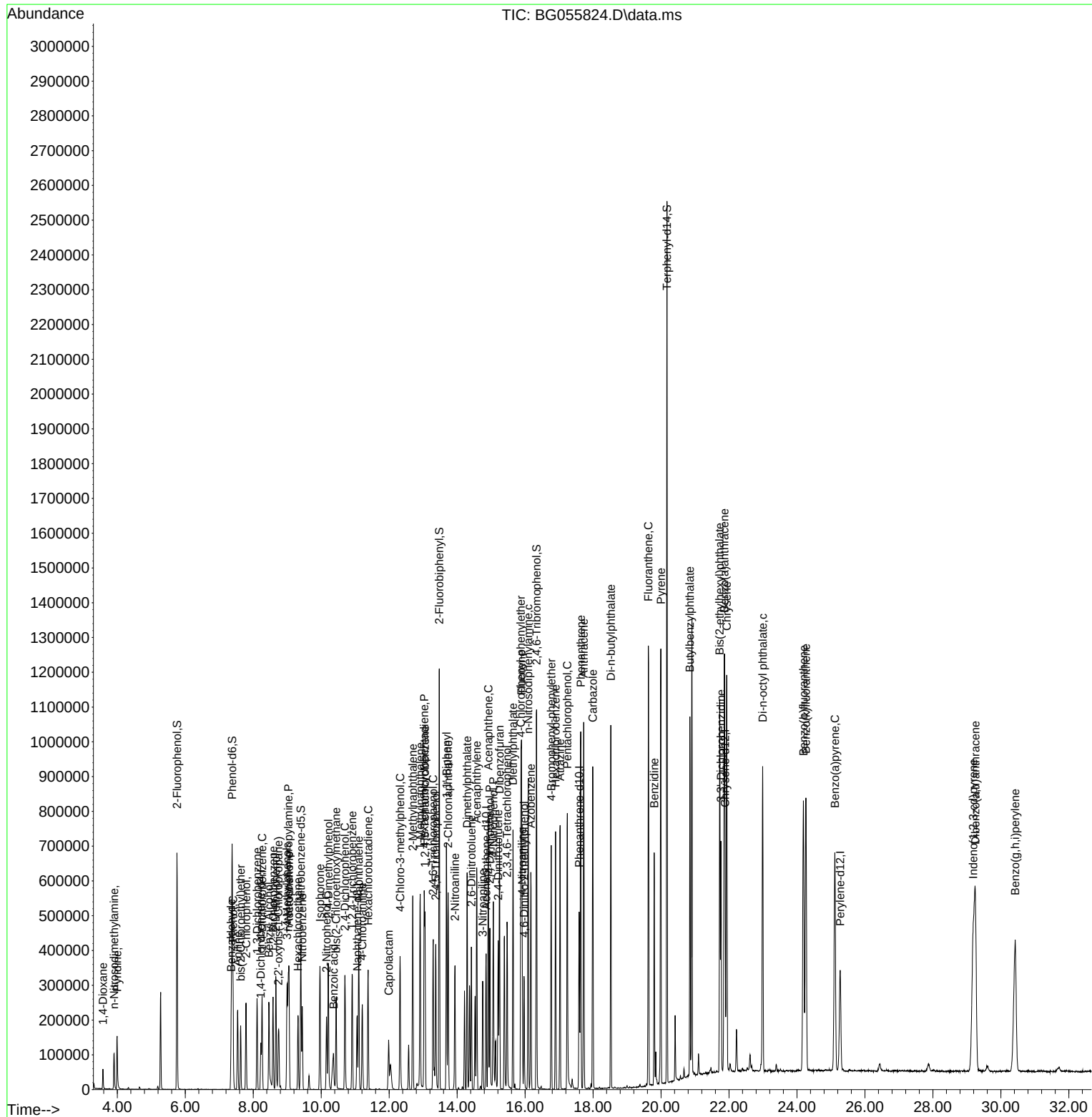
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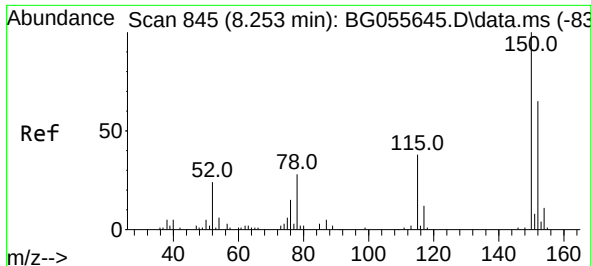
Manual Integrations

APPROVED

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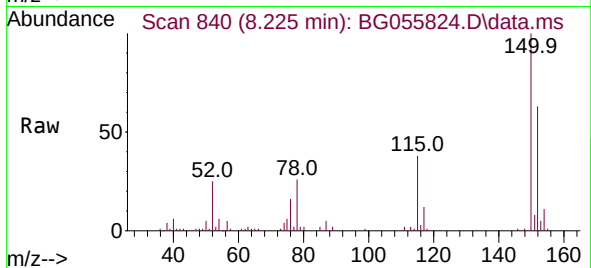
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.225 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG055824.D
 Acq: 29 Nov 2022 11:36

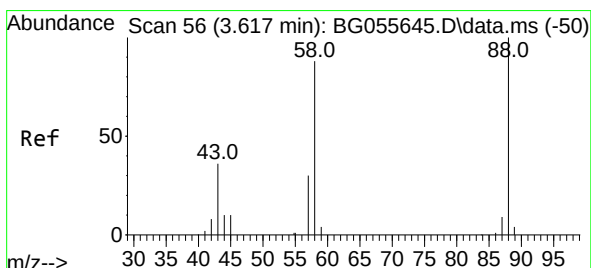
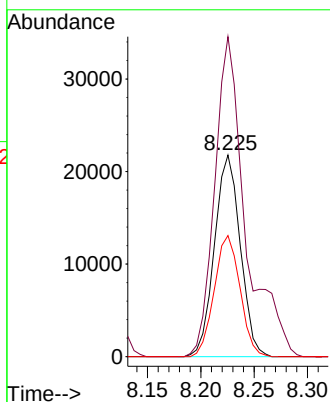
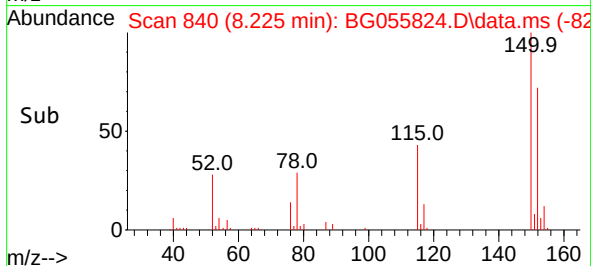
Instrument :
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Tgt Ion:152 Resp: 36730
 Ion Ratio Lower Upper
 152 100
 150 158.8 123.0 184.6
 115 60.1 47.0 70.4

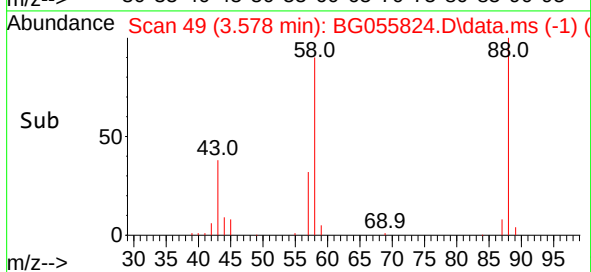
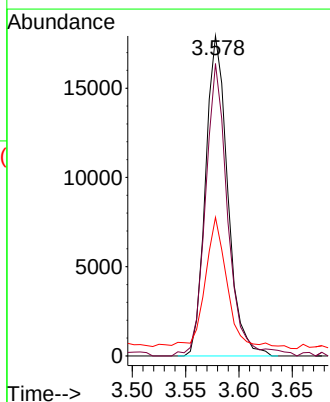
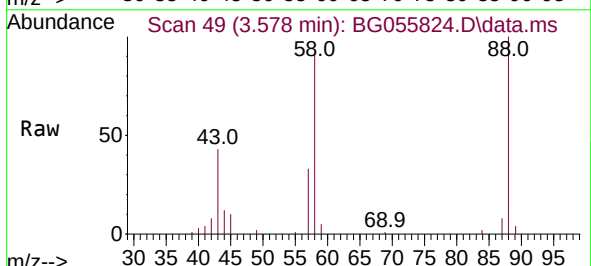
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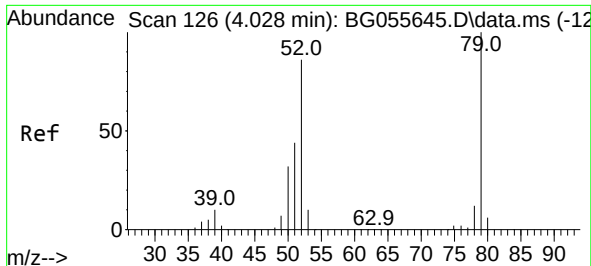
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#2
 1,4-Dioxane
 Concen: 29.867 ng
 RT: 3.578 min Scan# 49
 Delta R.T. -0.006 min
 Lab File: BG055824.D
 Acq: 29 Nov 2022 11:36

Tgt Ion: 88 Resp: 25937
 Ion Ratio Lower Upper
 88 100
 58 91.9 71.3 106.9
 43 42.2 28.6 43.0





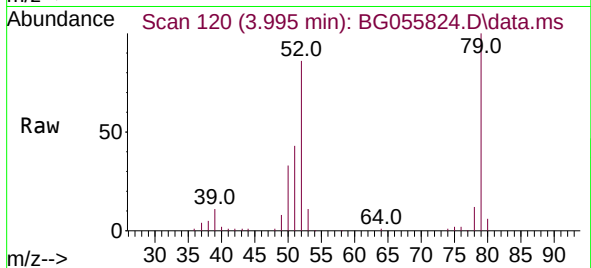
#3
Pyridine
Concen: 29.087 ng
RT: 3.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

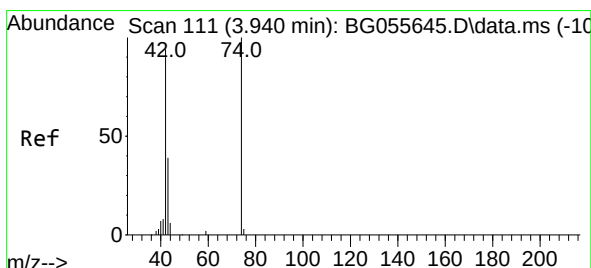
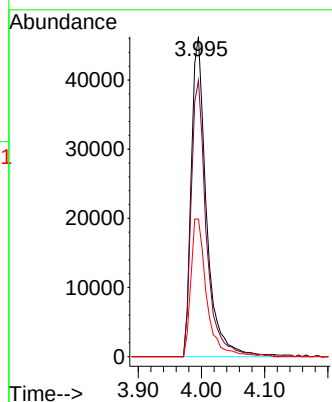
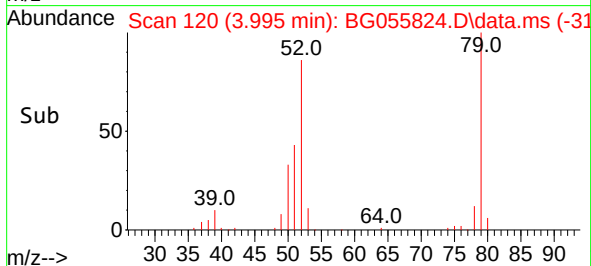


Tgt Ion: 79 Resp: 77489
Ion Ratio Lower Upper
79 100
52 86.3 68.9 103.3
51 43.0 34.8 52.2

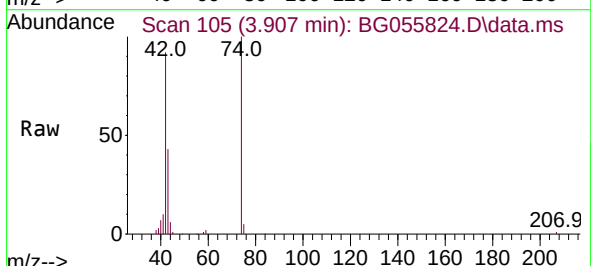
Manual Integrations

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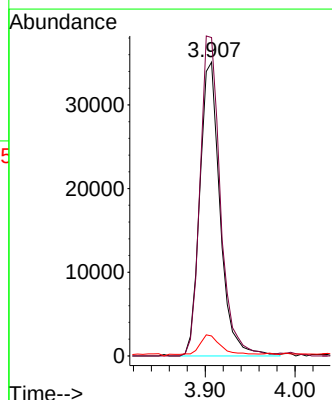
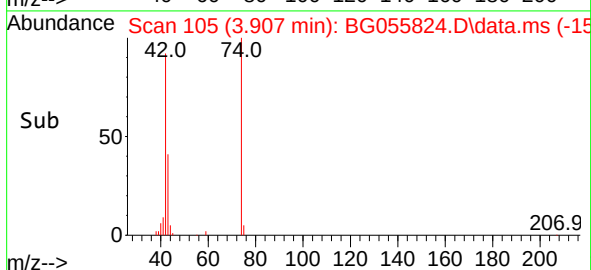
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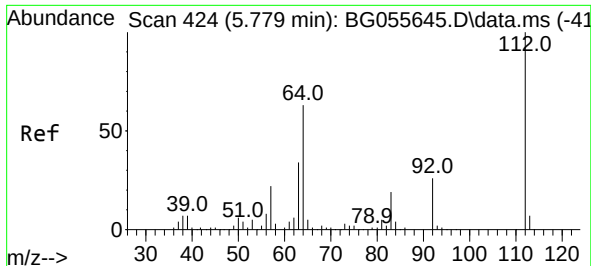


#4
n-Nitrosodimethylamine
Concen: 39.133 ng
RT: 3.907 min Scan# 105
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion: 42 Resp: 55195
Ion Ratio Lower Upper
42 100
74 108.4 84.7 127.1
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 140.623 ng
RT: 5.758 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

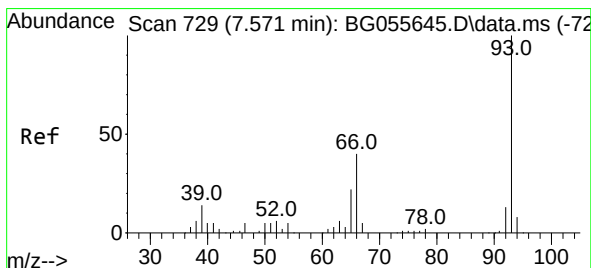
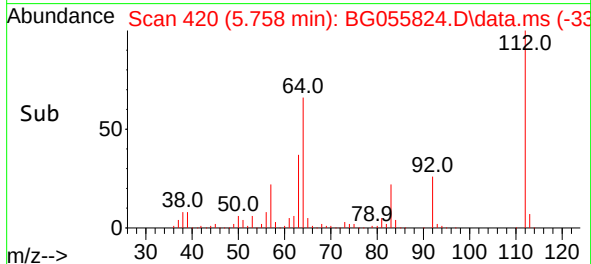
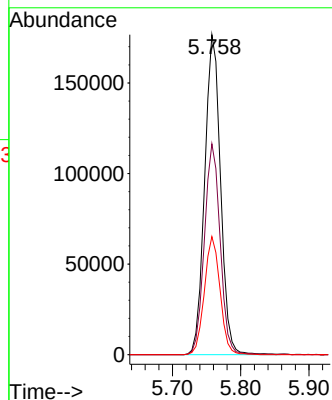
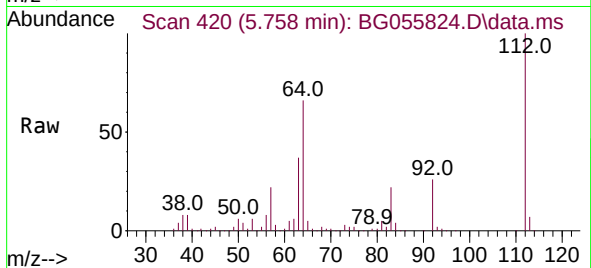
PB149290BS

Tgt Ion:112 Resp: 285756
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 36.9 27.5 41.3

Manual Integrations

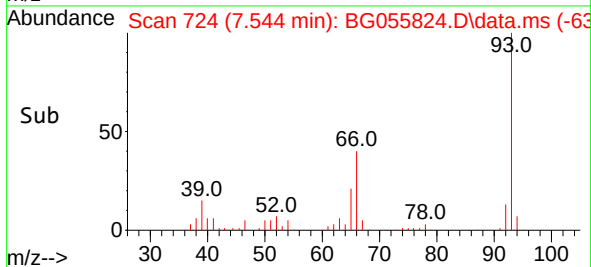
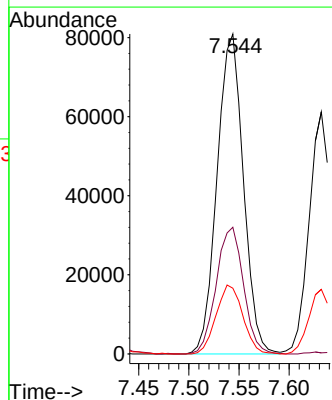
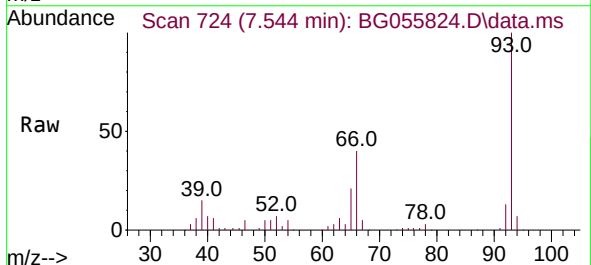
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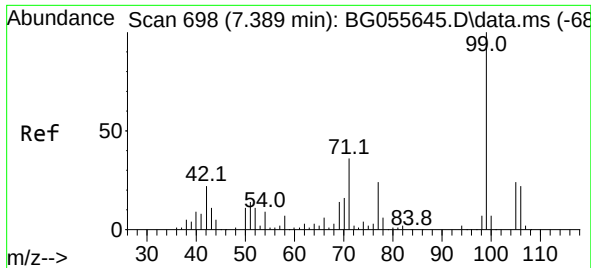
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#6
Aniline
Concen: 43.422 ng
RT: 7.544 min Scan# 724
Delta R.T. 0.006 min
Lab File: BG055824.D
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Tgt Ion: 93 Resp: 147529
Ion Ratio Lower Upper
93 100
66 39.6 31.7 47.5
65 20.5 17.9 26.9





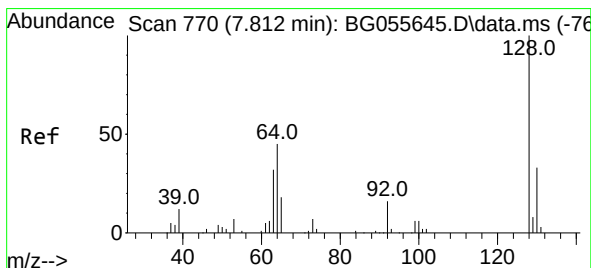
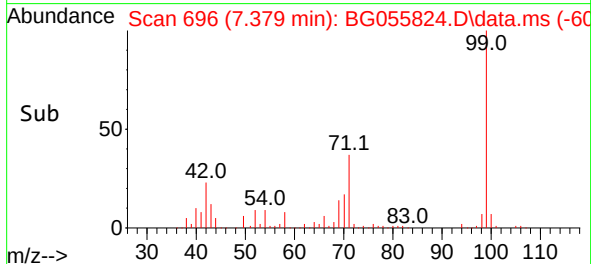
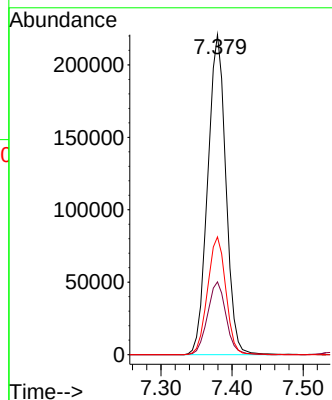
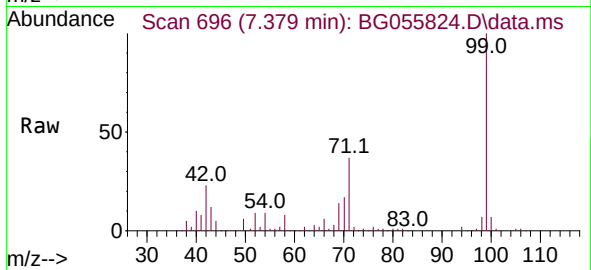
#7
Phenol-d6
Concen: 144.573 ng
RT: 7.379 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :
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PB149290BS

Tgt Ion: 99 Resp: 391072
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 36.8 29.0 43.6

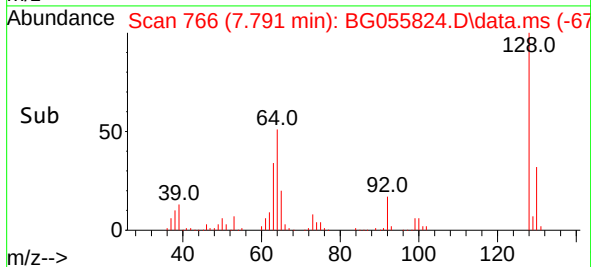
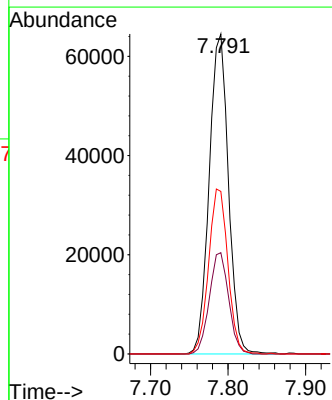
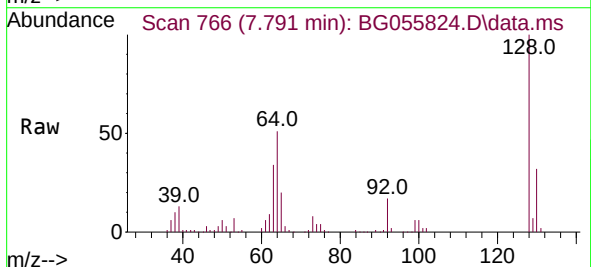
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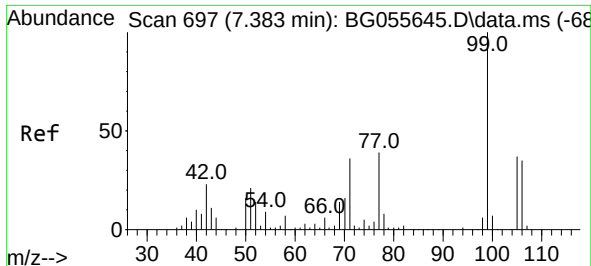
Reviewed By :Christian Giraldo 11/30/2022
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#8
2-Chlorophenol
Concen: 47.783 ng
RT: 7.791 min Scan# 766
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:128 Resp: 111001
Ion Ratio Lower Upper
128 100
130 31.6 13.1 53.1
64 50.8 30.2 70.2





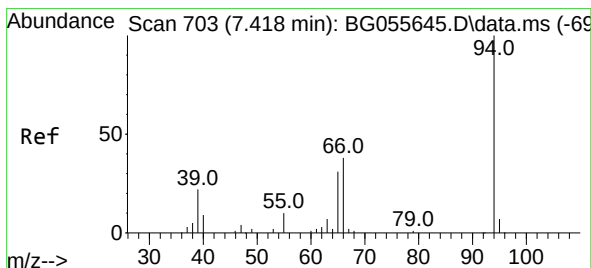
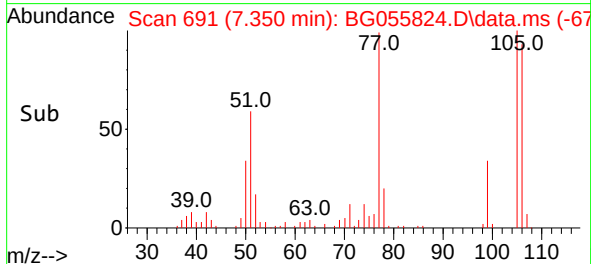
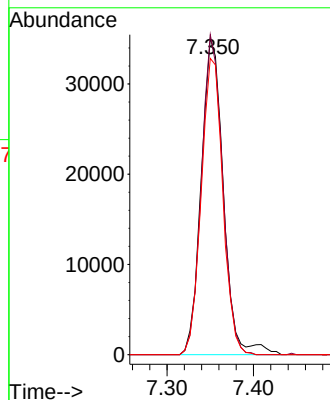
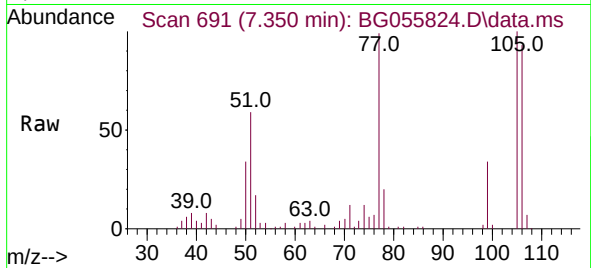
#9
Benzaldehyde
Concen: 33.981 ng m
RT: 7.350 min Scan# 69
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 62426
Ion Ratio Lower Upper
77 100
105 101.1 76.3 116.3
106 93.6 69.8 109.8

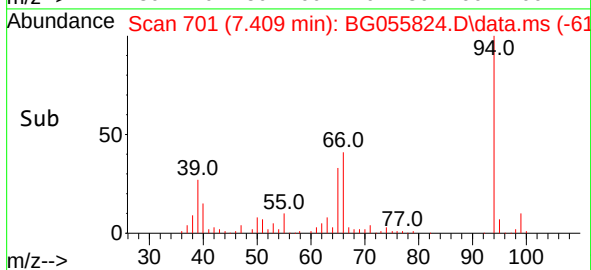
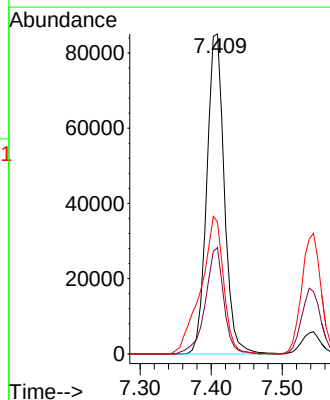
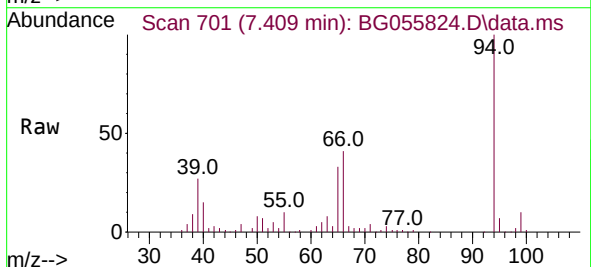
Manual Integrations
APPROVED

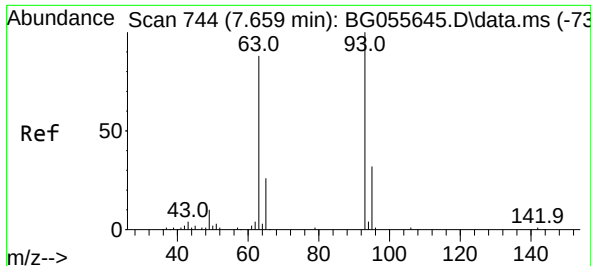
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#10
Phenol
Concen: 47.840 ng
RT: 7.409 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion: 94 Resp: 144898
Ion Ratio Lower Upper
94 100
65 33.2 11.8 51.8
66 41.2 20.5 60.5





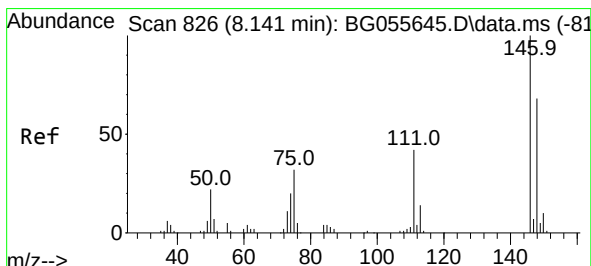
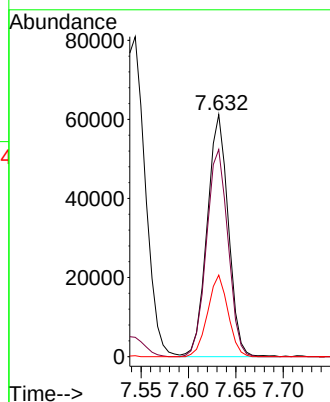
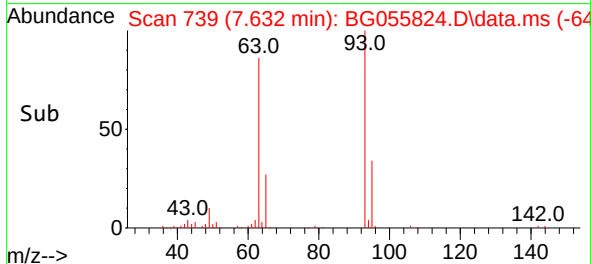
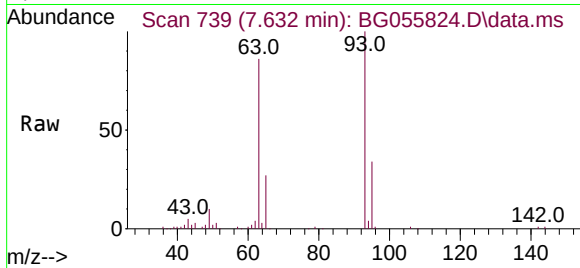
#11
bis(2-Chloroethyl)ether
Concen: 41.006 ng
RT: 7.632 min Scan# 744
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB149290BS

Tgt Ion: 93 Resp: 95186
Ion Ratio Lower Upper
93 100
63 85.5 67.6 107.6
95 33.7 11.8 51.8

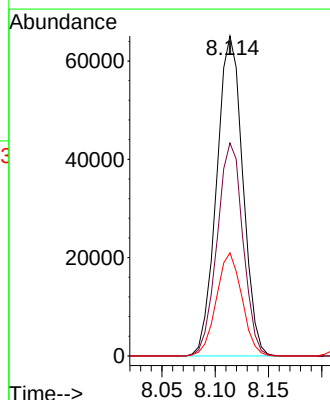
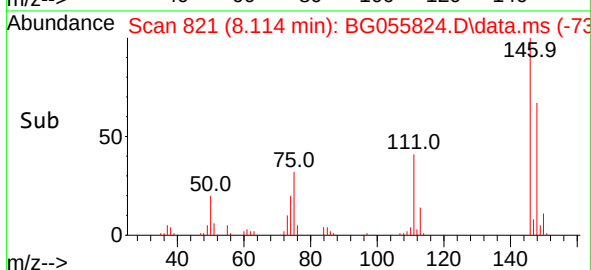
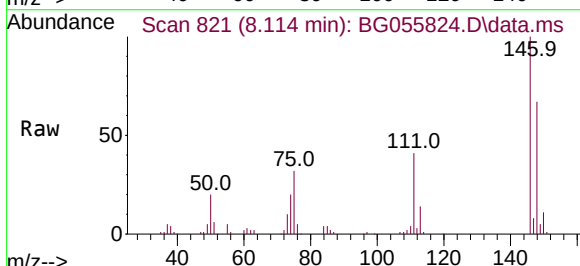
Manual Integrations
APPROVED

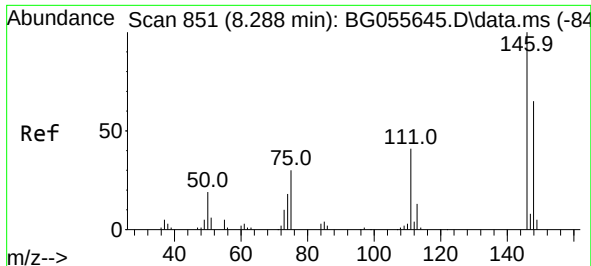
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#12
1,3-Dichlorobenzene
Concen: 40.693 ng
RT: 8.114 min Scan# 821
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

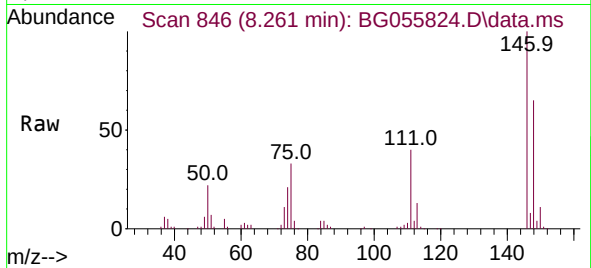
Tgt Ion:146 Resp: 111141
Ion Ratio Lower Upper
146 100
148 66.5 54.6 81.8
75 32.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 40.634 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

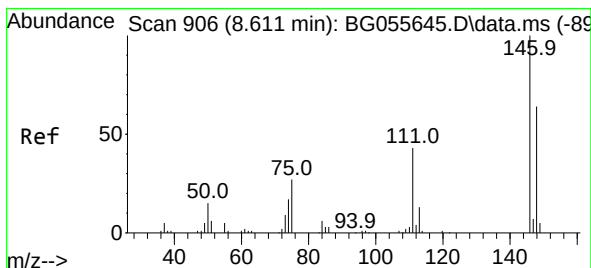
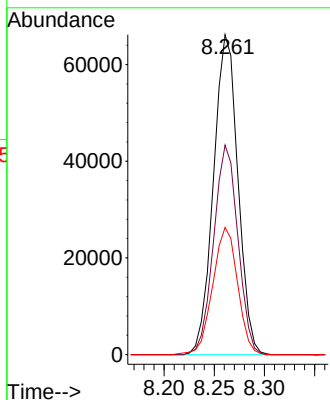
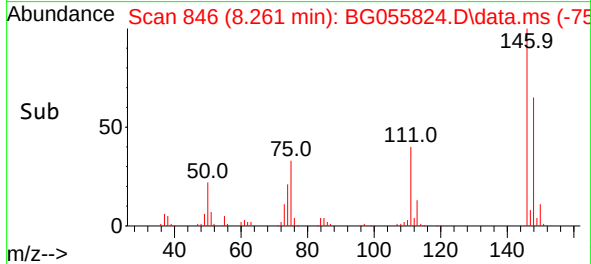
Instrument :
BNA_G
ClientSampleId :
PB149290BS



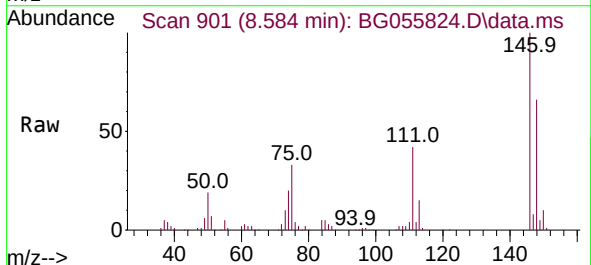
Tgt Ion:146 Resp: 112144
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
111 39.7 33.0 49.4

Manual Integrations
APPROVED

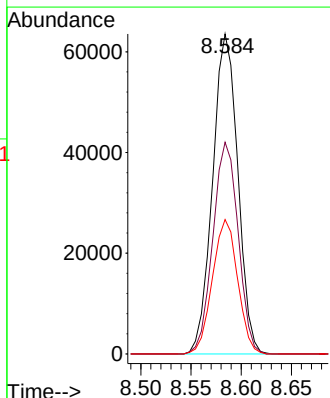
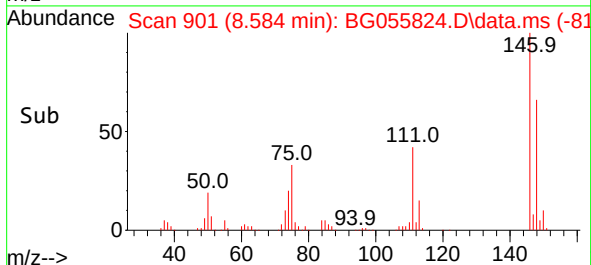
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

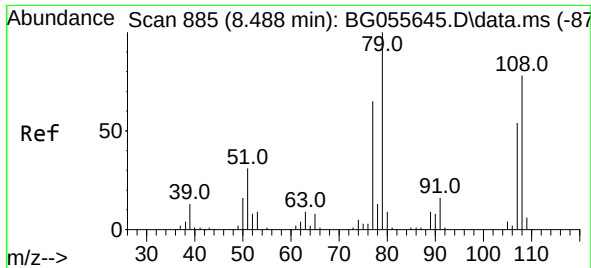


#14
1,2-Dichlorobenzene
Concen: 41.988 ng
RT: 8.584 min Scan# 901
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



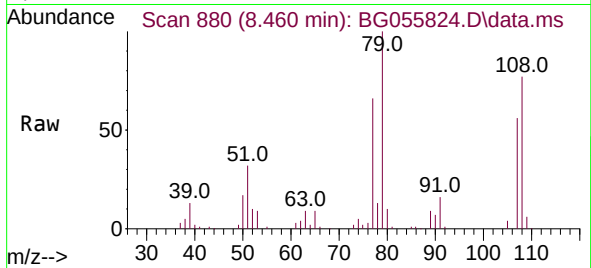
Tgt Ion:146 Resp: 111045
Ion Ratio Lower Upper
146 100
148 66.1 50.9 76.3
111 42.0 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.257 ng m
RT: 8.460 min Scan# 885
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

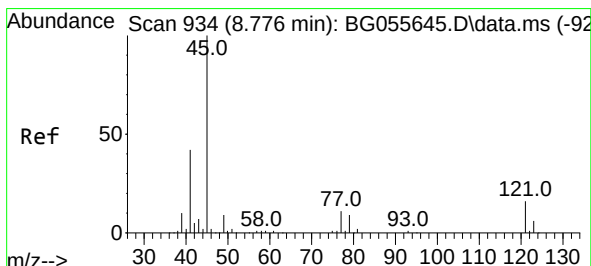
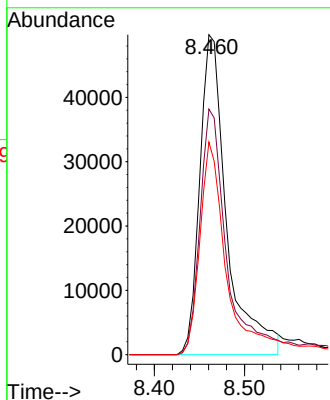
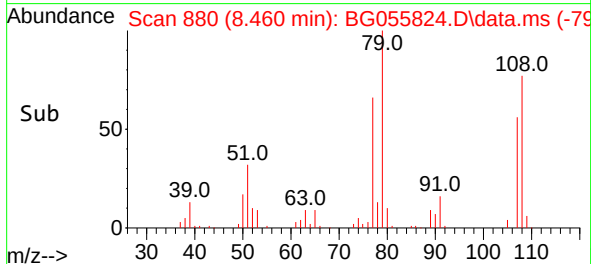
Instrument :
BNA_G
ClientSampleId :
PB149290BS



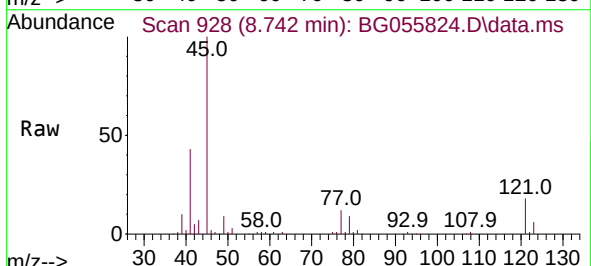
Tgt Ion: 79 Resp: 103890
Ion Ratio Lower Upper
79 100
108 76.7 62.6 93.8
77 66.4 52.4 78.6

Manual Integrations
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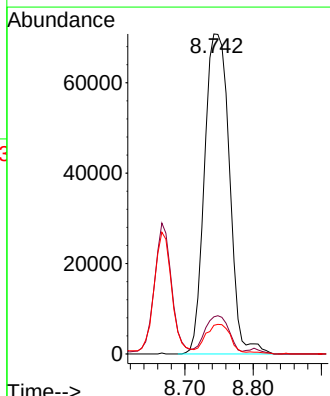
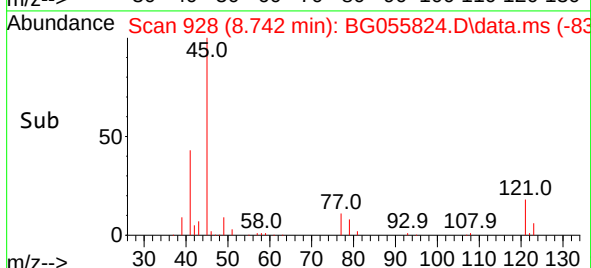
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

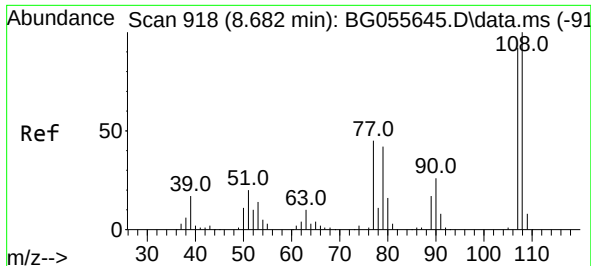


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.561 ng
RT: 8.742 min Scan# 928
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion: 45 Resp: 178838
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 8.9 0.0 29.5





#17
2-Methylphenol
Concen: 47.823 ng
RT: 8.666 min Scan# 918
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

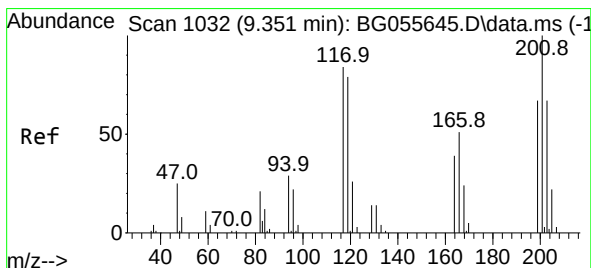
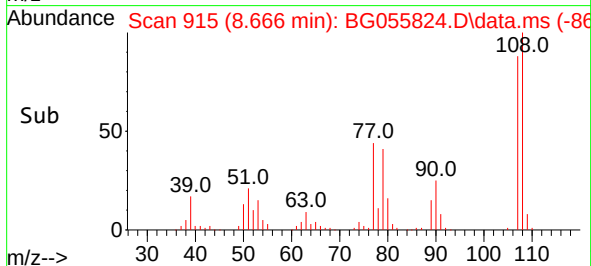
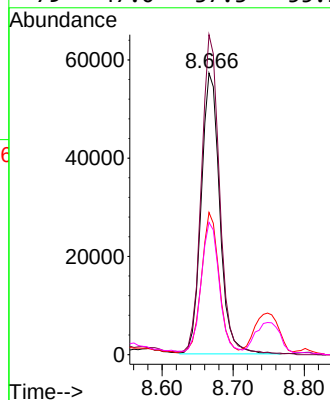
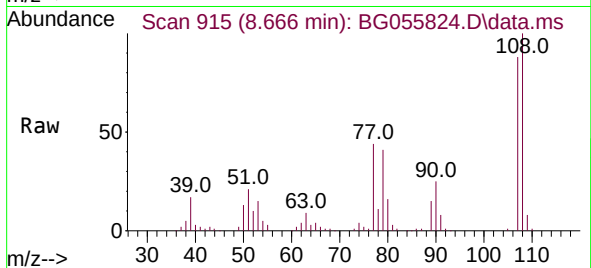
PB149290BS

Tgt Ion:107 Resp: 102835
Ion Ratio Lower Upper
107 100
108 113.6 87.3 130.9
77 50.5 39.4 59.0
79 47.0 37.3 55.9

Manual Integrations

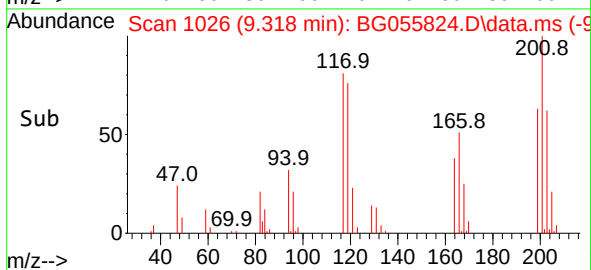
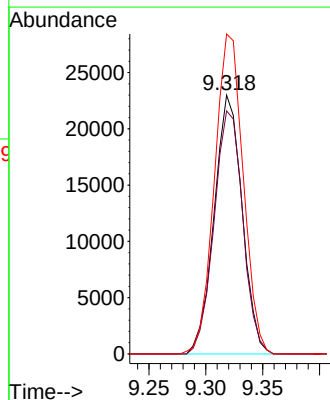
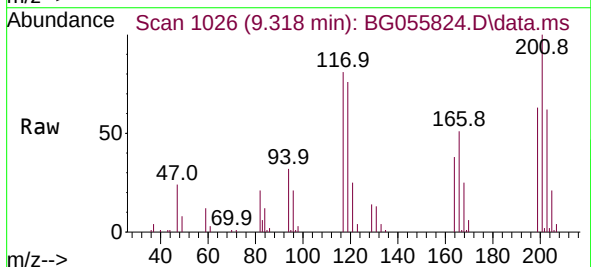
APPROVED

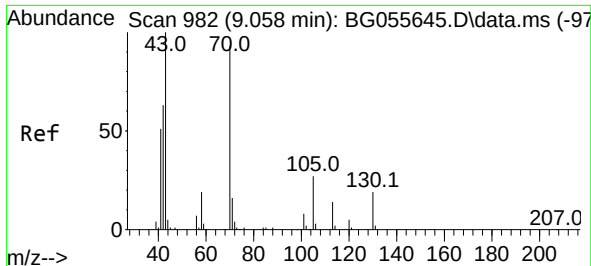
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#18
Hexachloroethane
Concen: 41.310 ng
RT: 9.318 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:117 Resp: 39241
Ion Ratio Lower Upper
117 100
119 93.8 76.0 114.0
201 126.2 98.6 148.0





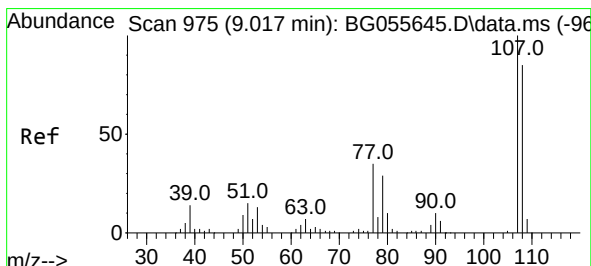
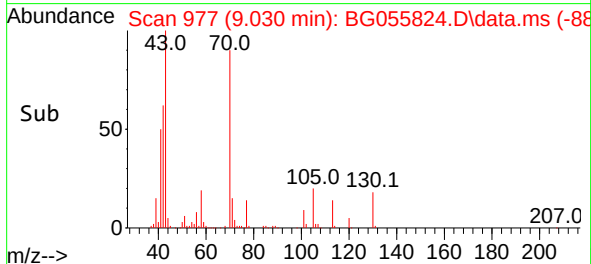
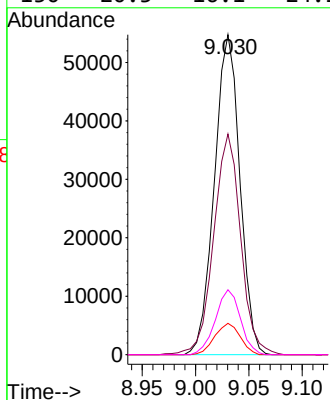
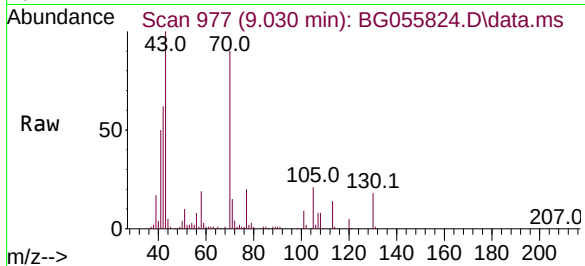
#19
n-Nitroso-di-n-propylamine
Concen: 43.783 ng
RT: 9.030 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB149290BS

Tgt Ion: 70 Resp: 9099
Ion Ratio Lower Upper
70 100
42 68.9 55.2 82.8
101 9.8 7.1 10.7
130 20.3 16.1 24.1

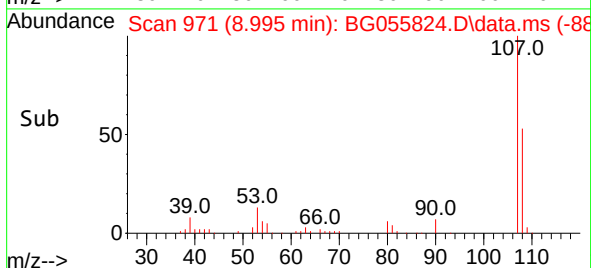
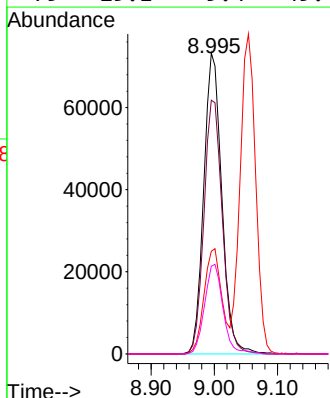
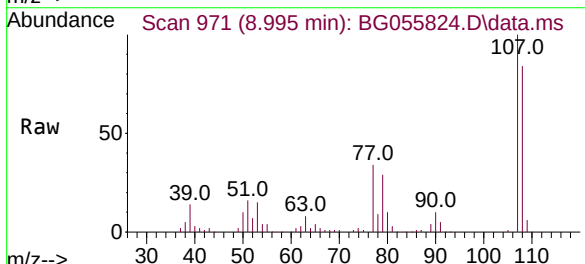
Manual Integrations
APPROVED

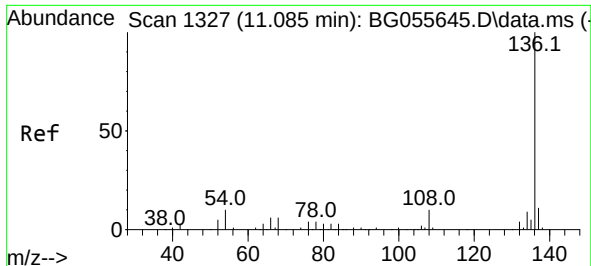
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#20
3+4-Methylphenols
Concen: 48.357 ng
RT: 8.995 min Scan# 971
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:107 Resp: 145257
Ion Ratio Lower Upper
107 100
108 84.3 65.5 105.5
77 34.1 14.6 54.6
79 29.1 9.4 49.4





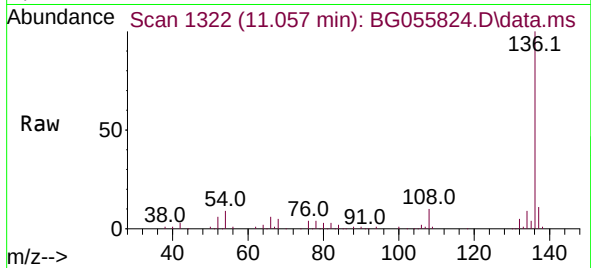
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

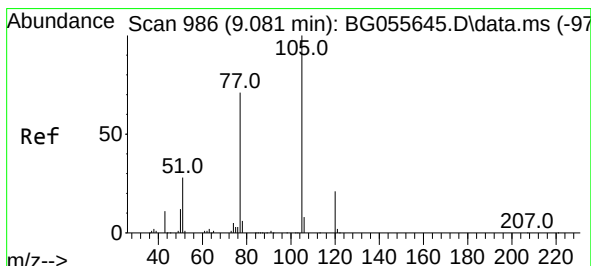
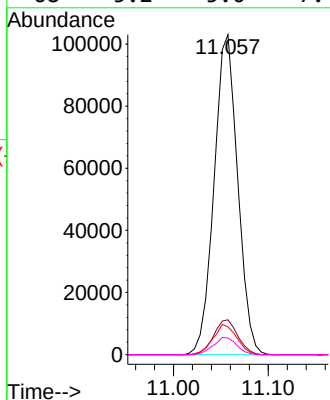
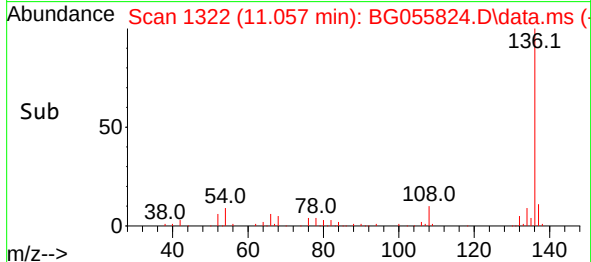


Tgt Ion:136 Resp: 177936
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.7 7.8 11.6
68 5.2 5.0 7.4

Manual Integrations

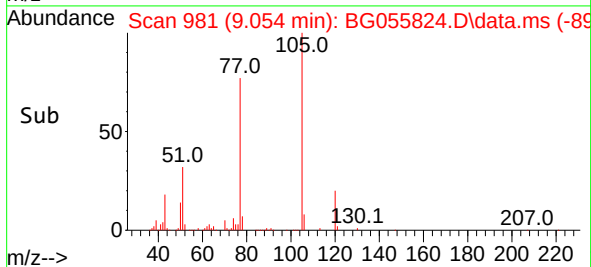
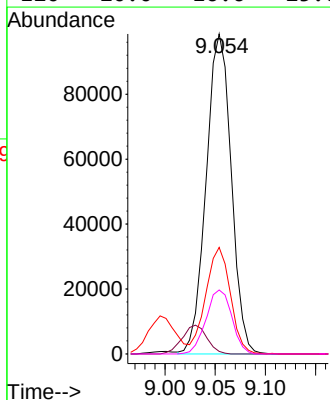
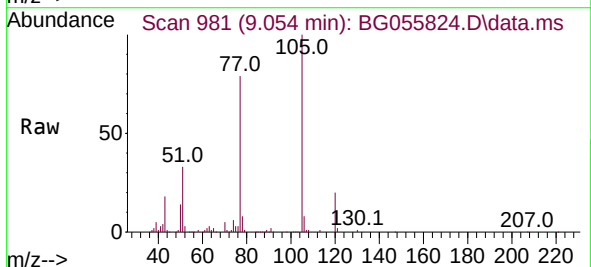
APPROVED

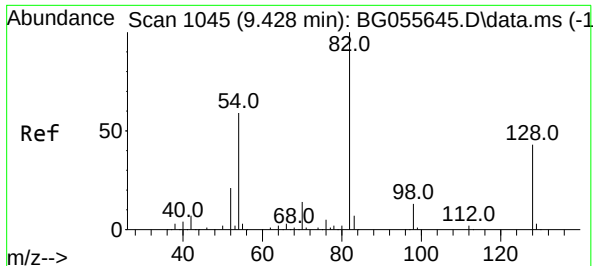
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#22
Acetophenone
Concen: 37.086 ng
RT: 9.054 min Scan# 981
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:105 Resp: 171473
Ion Ratio Lower Upper
105 100
71 0.8 0.6 1.0
51 33.3 24.5 36.7
120 20.0 16.6 25.0





#23

Nitrobenzene-d5

Concen: 70.889 ng

RT: 9.401 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

Tgt Ion: 82 Resp: 238649

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

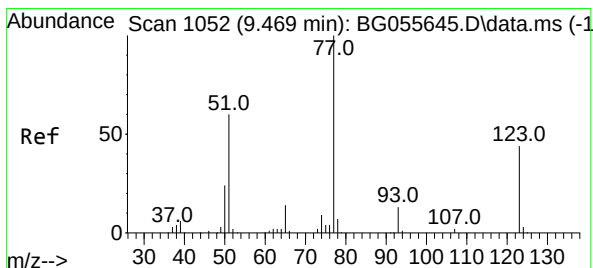
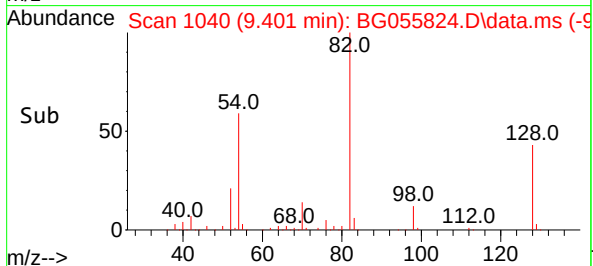
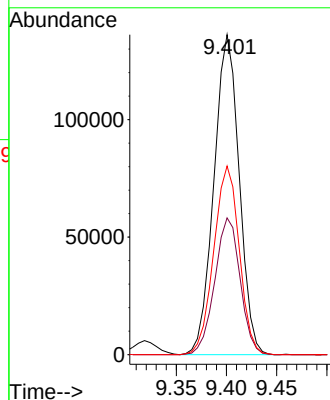
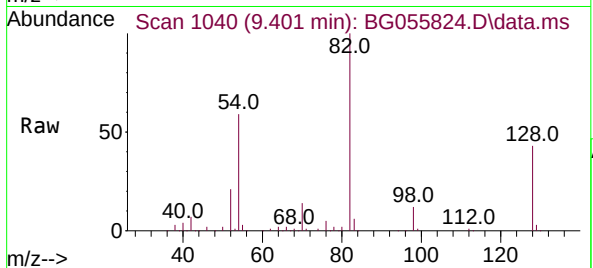
54 59.0 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022

Supervised By :Jagrut Upadhyay 11/30/2022



#24

Nitrobenzene

Concen: 36.852 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

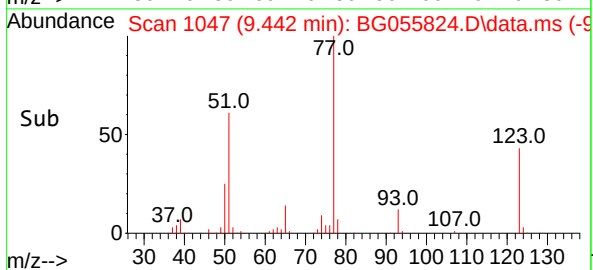
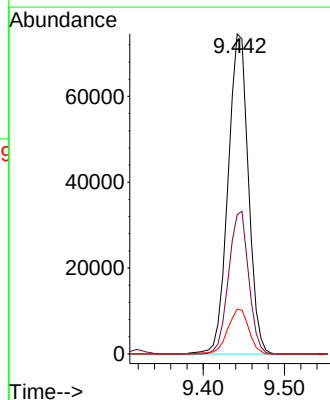
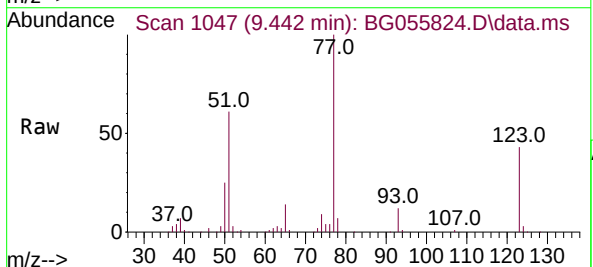
Tgt Ion: 77 Resp: 129588

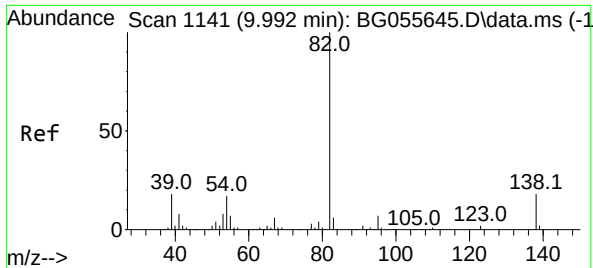
Ion Ratio Lower Upper

77 100

123 43.5 35.5 53.3

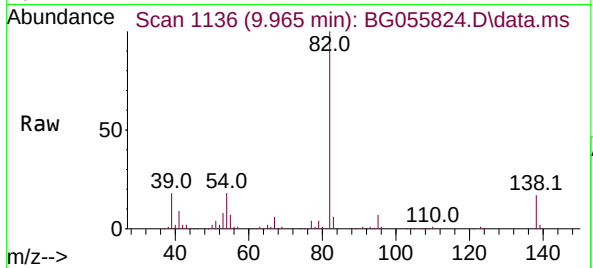
65 14.0 11.5 17.3





#25
Isophorone
Concen: 40.790 ng
RT: 9.965 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

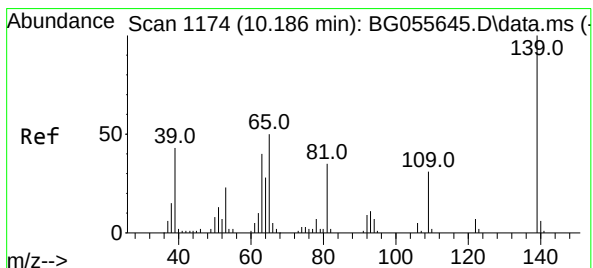
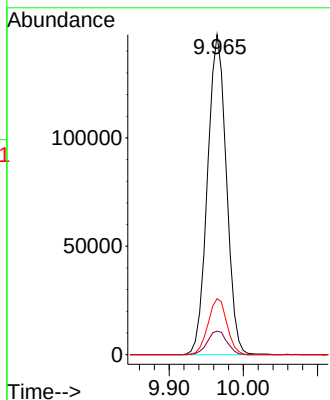
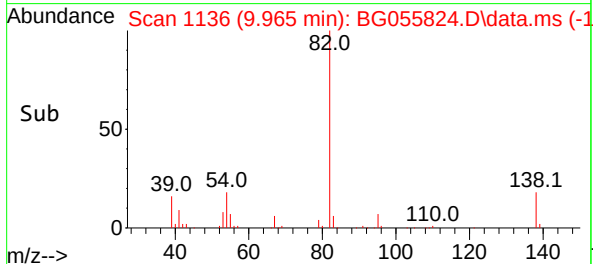
Instrument :
BNA_G
ClientSampleId :
PB149290BS



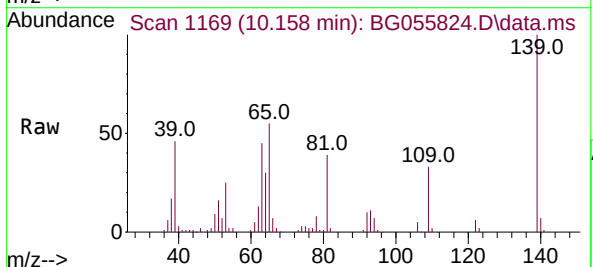
Tgt Ion: 82 Resp: 260183
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.5 14.2 21.4

Manual Integrations
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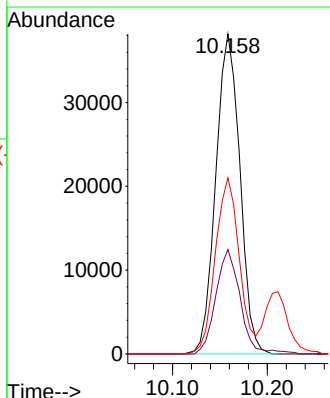
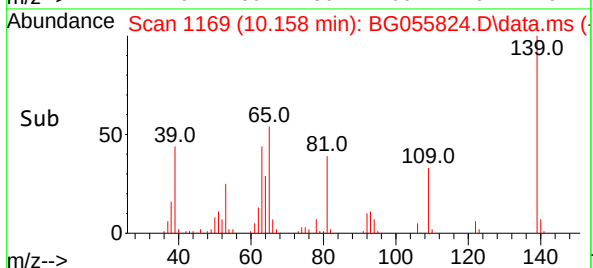
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

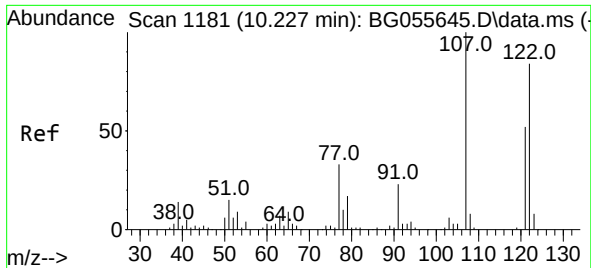


#26
2-Nitrophenol
Concen: 41.552 ng
RT: 10.158 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:139 Resp: 67451
Ion Ratio Lower Upper
139 100
109 32.6 24.4 36.6
65 55.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.694 ng m

RT: 10.211 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

Tgt Ion:122 Resp: 120303

Ion Ratio Lower Upper

122 100

107 124.5 95.8 143.6

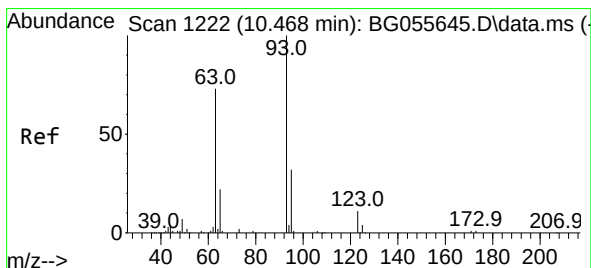
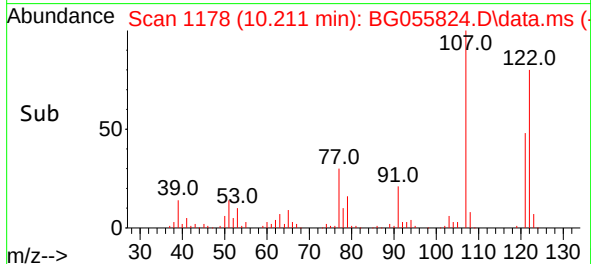
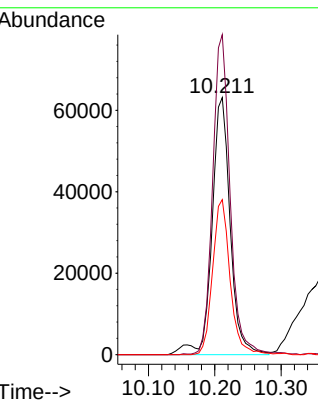
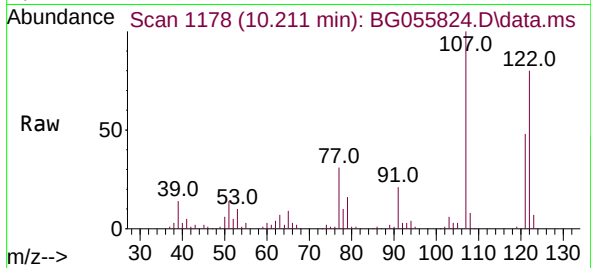
121 60.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022

Supervised By :Jagrut Upadhyay 11/30/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.096 ng

RT: 10.440 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

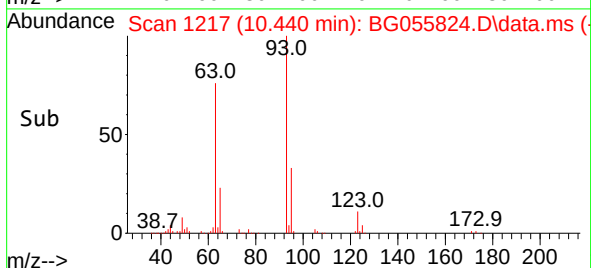
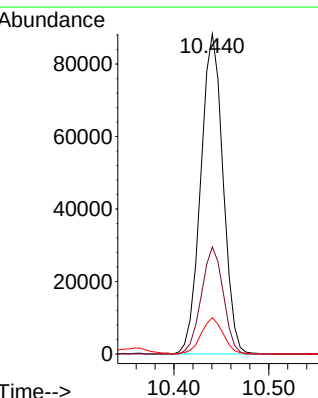
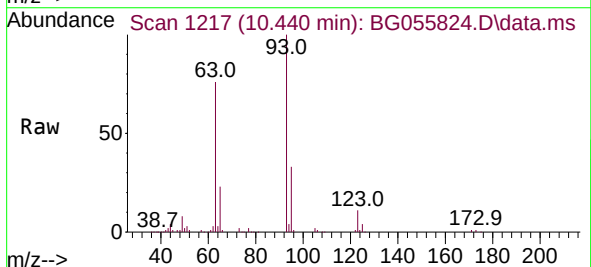
Tgt Ion: 93 Resp: 144153

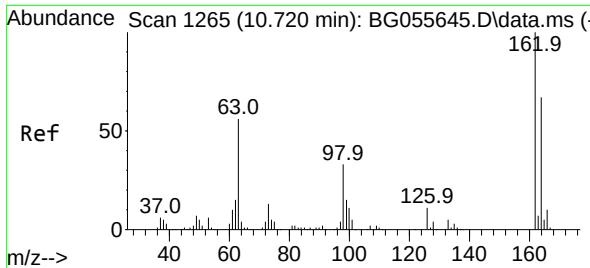
Ion Ratio Lower Upper

93 100

95 33.4 25.7 38.5

123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 42.976 ng
RT: 10.699 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

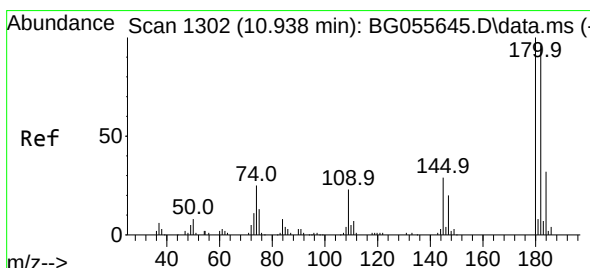
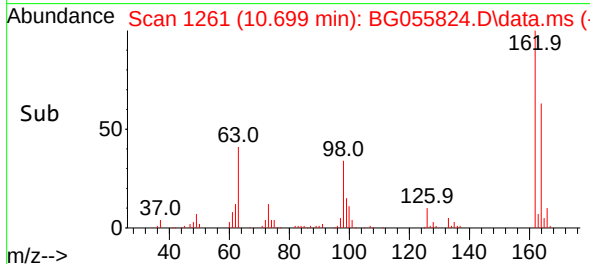
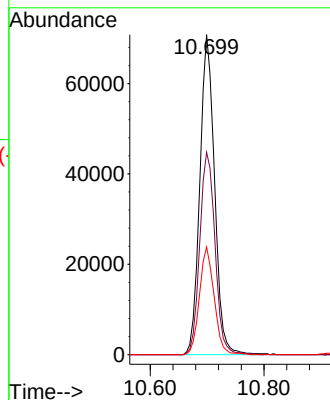
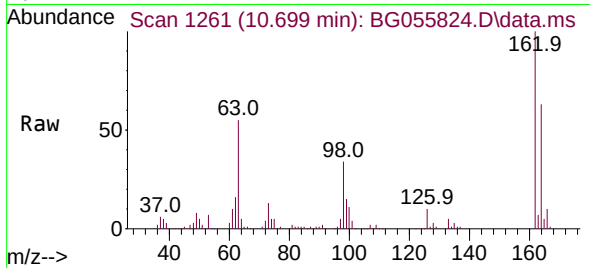
PB149290BS

Tgt Ion:162 Resp: 127082
Ion Ratio Lower Upper
162 100
164 63.2 46.7 86.7
98 33.6 12.8 52.8

Manual Integrations

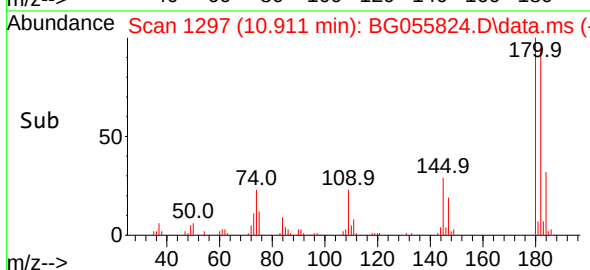
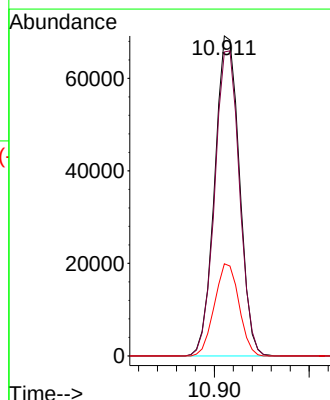
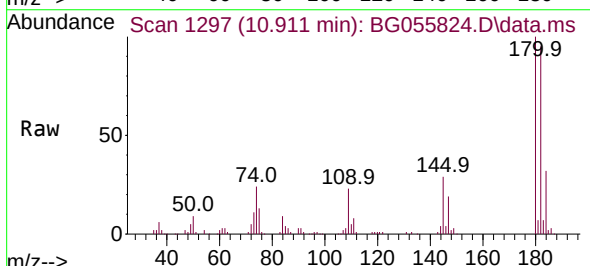
APPROVED

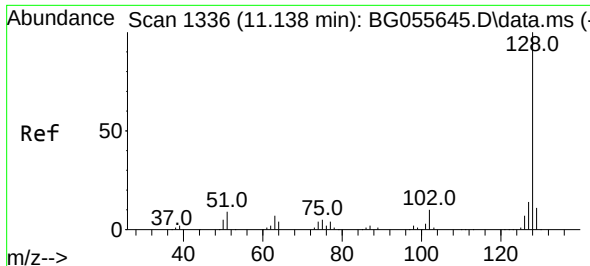
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#30
1,2,4-Trichlorobenzene
Concen: 36.372 ng
RT: 10.911 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:180 Resp: 124956
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
145 28.8 22.9 34.3





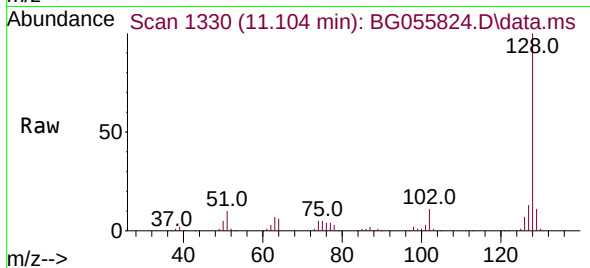
#31
Naphthalene
Concen: 35.917 ng
RT: 11.104 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

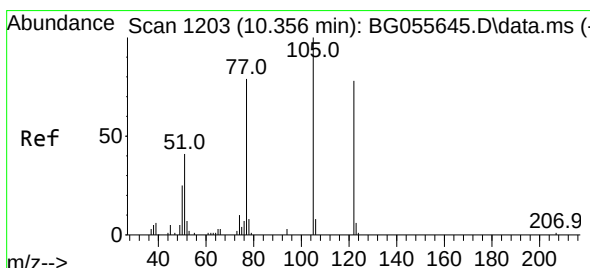
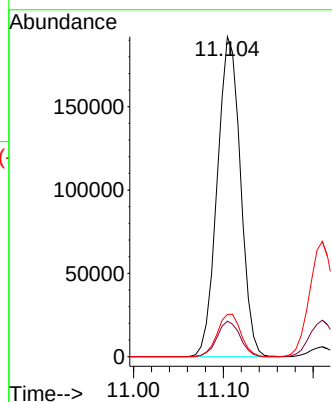
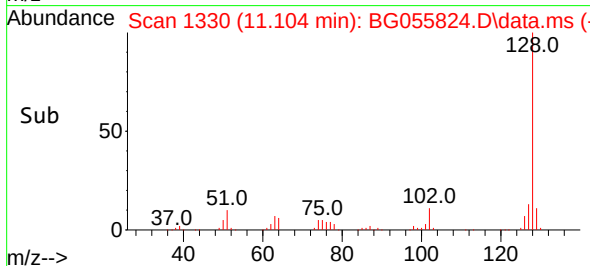


Tgt Ion:128 Resp: 345485
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.9 16.3

Manual Integrations

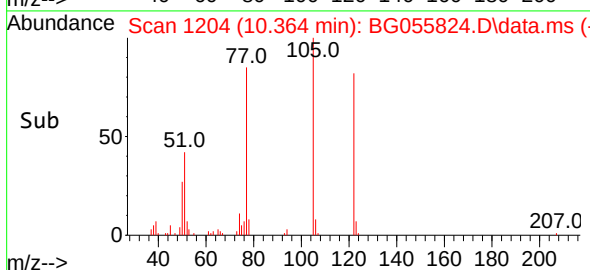
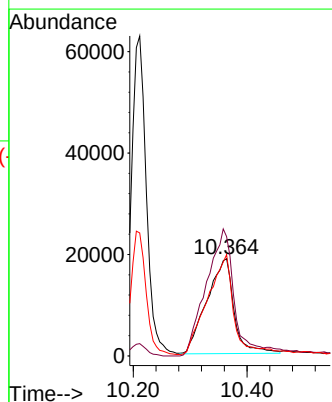
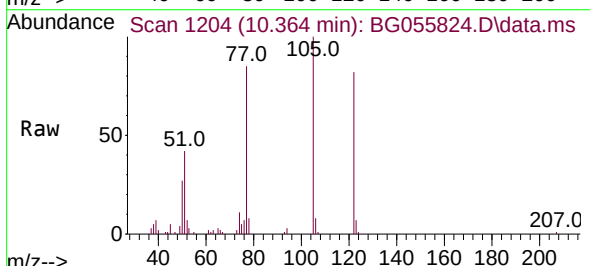
APPROVED

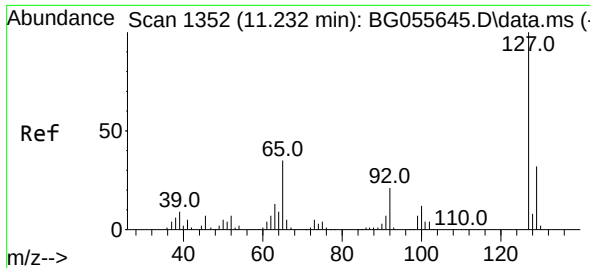
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#32
Benzoic acid
Concen: 30.649 ng
RT: 10.364 min Scan# 1204
Delta R.T. 0.017 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:122 Resp: 62298
Ion Ratio Lower Upper
122 100
105 122.7 104.3 144.3
77 104.0 79.9 119.9





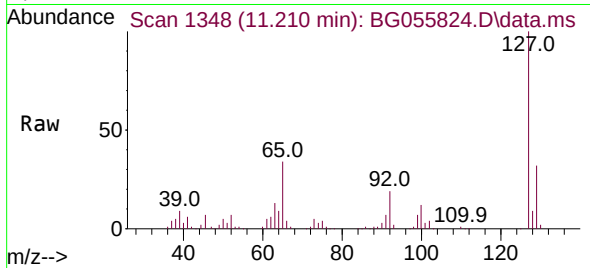
#33
4-Chloroaniline
Concen: 33.915 ng
RT: 11.210 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

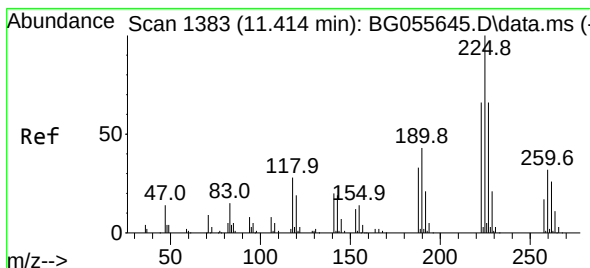
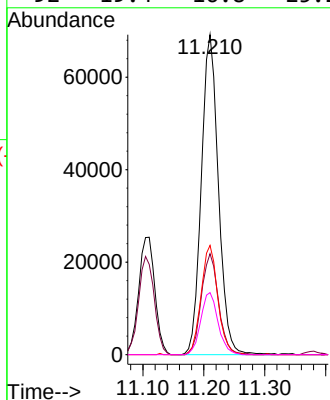
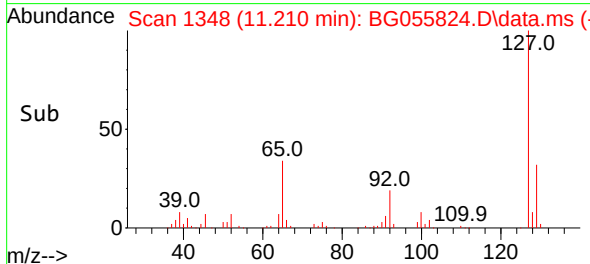


Tgt Ion:127 Resp: 134573
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 34.1 27.9 41.9
92 19.4 16.8 25.2

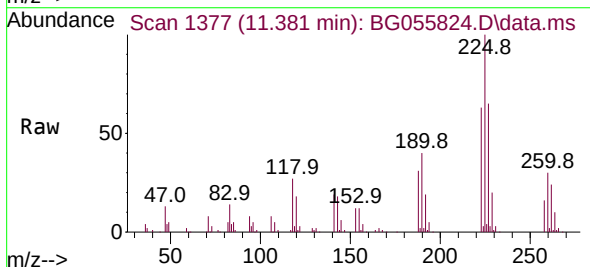
Manual Integrations

APPROVED

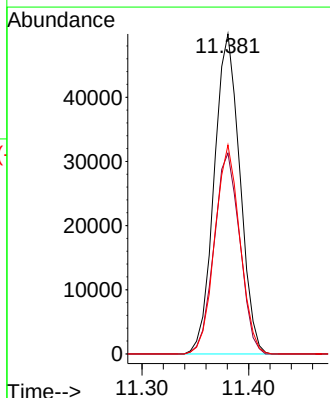
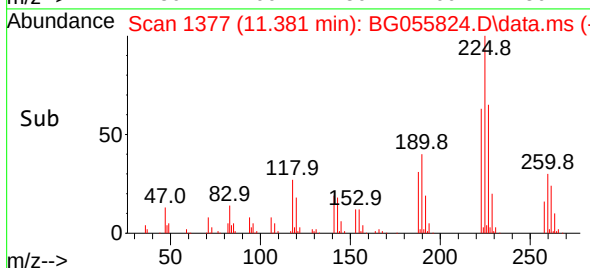
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

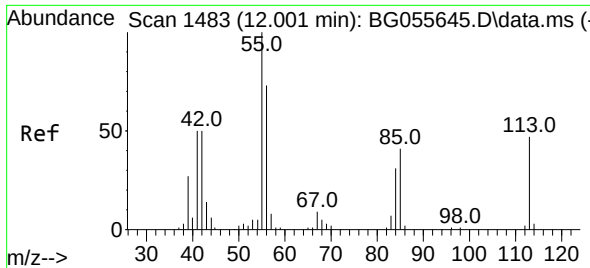


#34
Hexachlorobutadiene
Concen: 35.596 ng
RT: 11.381 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



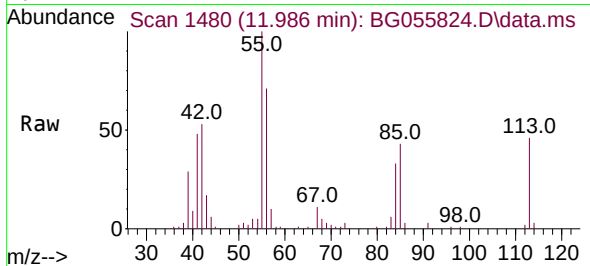
Tgt Ion:225 Resp: 83502
Ion Ratio Lower Upper
225 100
223 62.7 52.9 79.3
227 68.3 52.6 79.0





#35
Caprolactam
Concen: 43.854 ng m
RT: 11.986 min Scan# 14
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

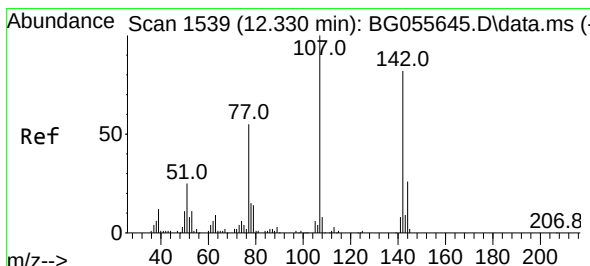
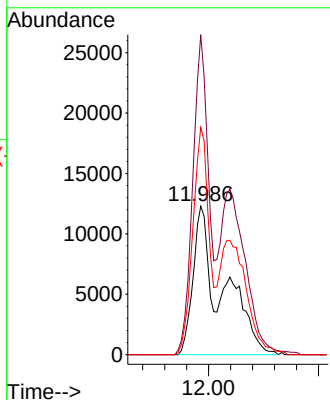
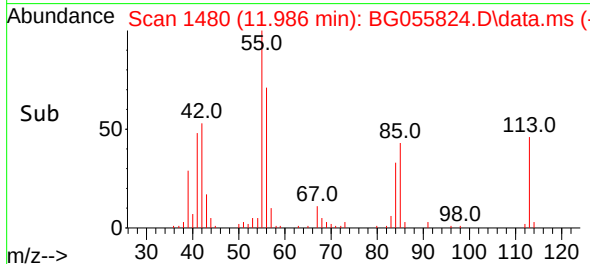
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:113 Resp: 44876
Ion Ratio Lower Upper
113 100
55 215.6 193.5 233.5
56 153.0 135.2 175.2

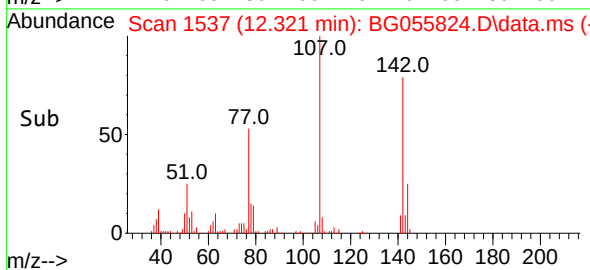
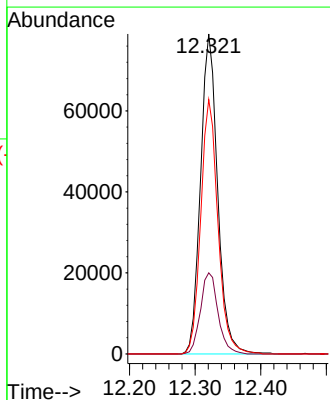
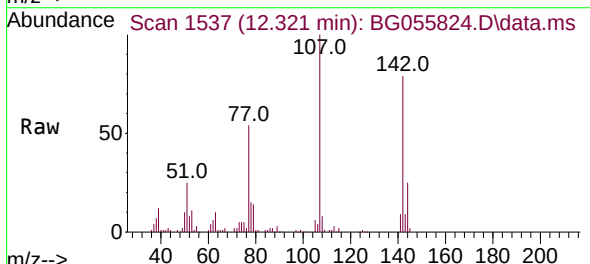
Manual Integrations
APPROVED

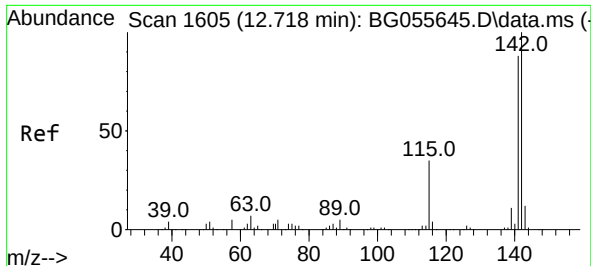
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#36
4-Chloro-3-methylphenol
Concen: 43.810 ng
RT: 12.321 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:107 Resp: 142387
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.5 65.9 98.9





#37

2-Methylnaphthalene

Concen: 38.104 ng

RT: 12.697 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

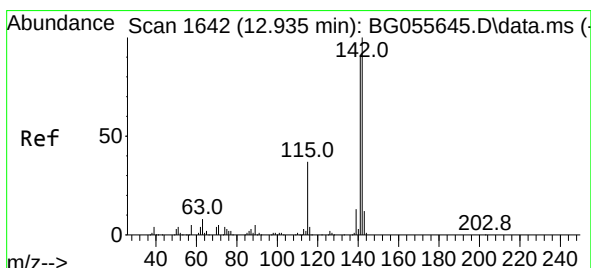
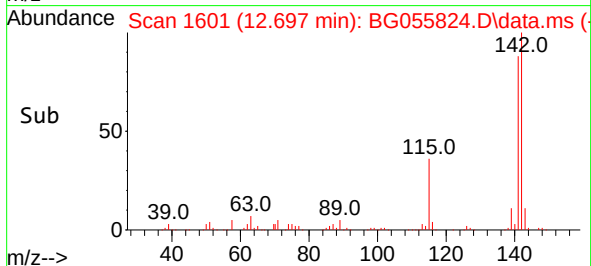
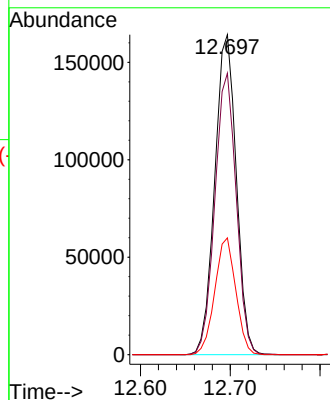
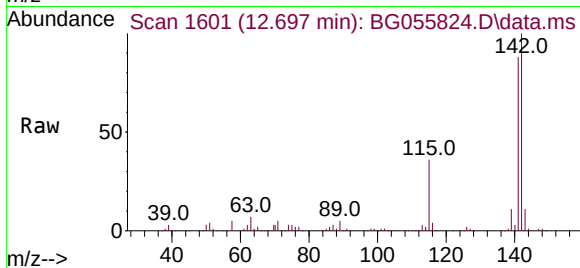
PB149290BS

Tgt Ion:142	Resp: 27443
Ion Ratio	Lower Upper
142	100
141	87.9 70.3 105.5
115	36.5 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#38

1-Methylnaphthalene

Concen: 37.342 ng

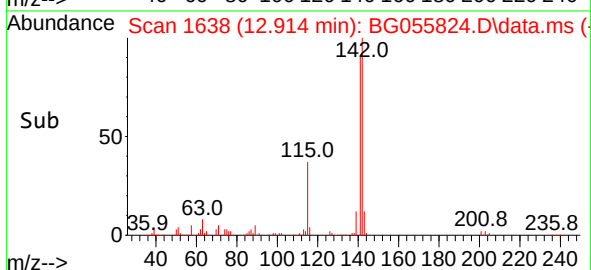
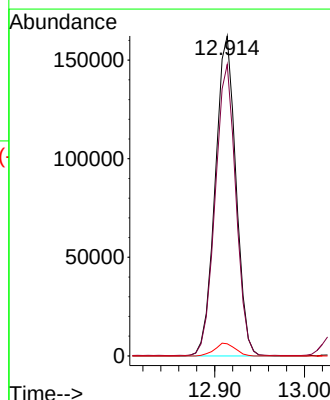
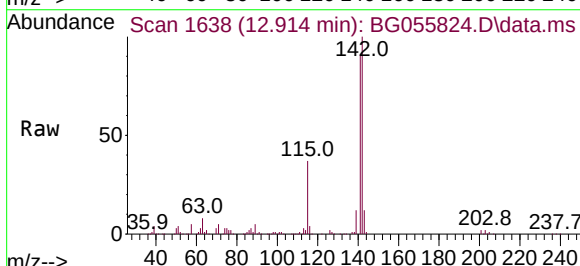
RT: 12.914 min Scan# 1638

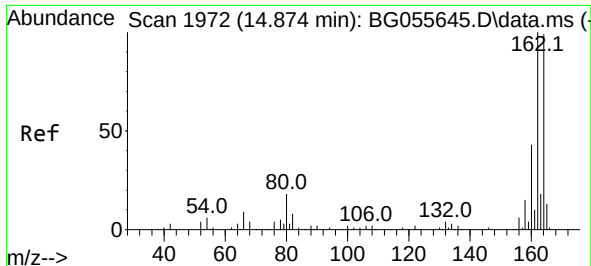
Delta R.T. -0.000 min

Lab File: BG055824.D

Acq: 29 Nov 2022 11:36

Tgt Ion:142	Resp: 261083
Ion Ratio	Lower Upper
142	100
141	91.1 73.0 109.4
116	3.8 3.1 4.7





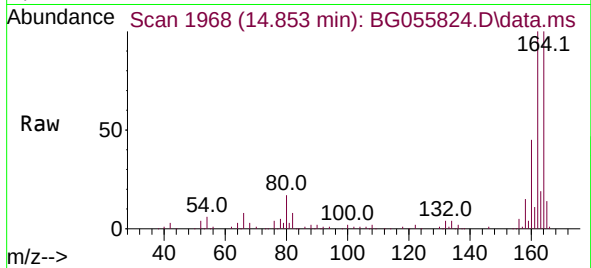
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

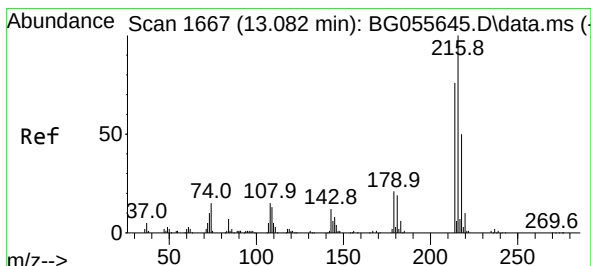
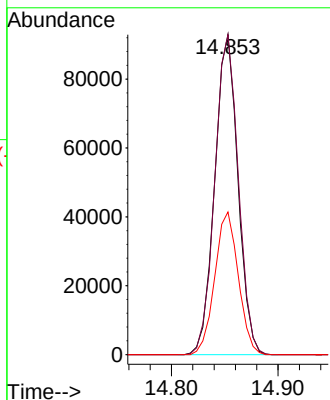
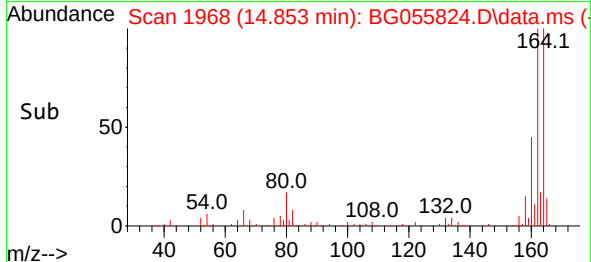


Tgt Ion:164 Resp: 140495
Ion Ratio Lower Upper
164 100
162 100.0 81.1 121.7
160 44.6 34.8 52.2

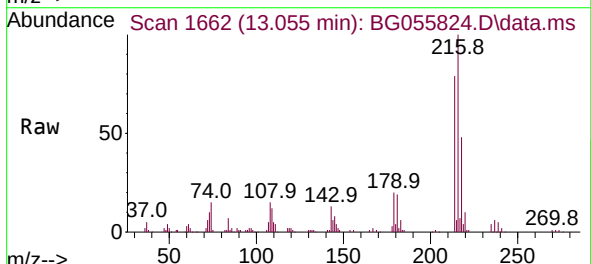
Manual Integrations

APPROVED

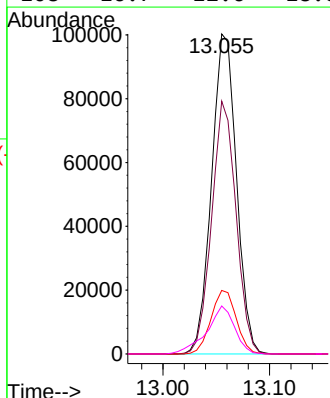
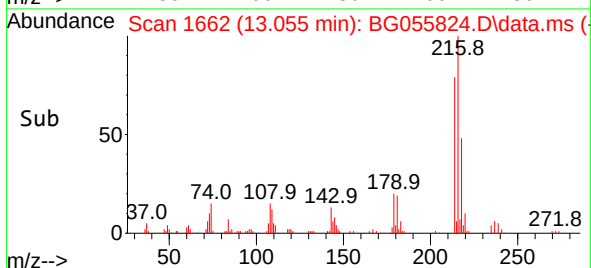
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

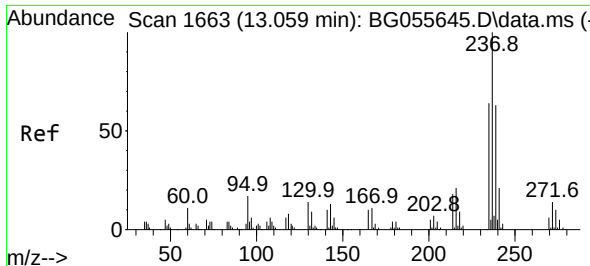


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.899 ng
RT: 13.055 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:216 Resp: 162913
Ion Ratio Lower Upper
216 100
214 77.3 62.1 93.1
179 20.1 16.5 24.7
108 16.7 12.6 18.8





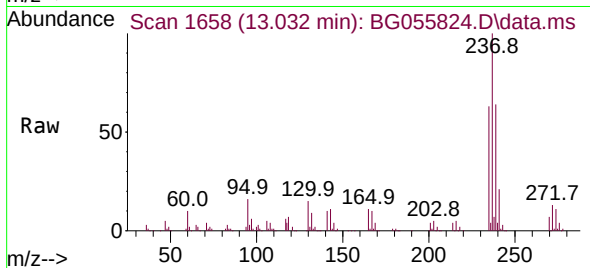
#41
Hexachlorocyclopentadiene
Concen: 72.741 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

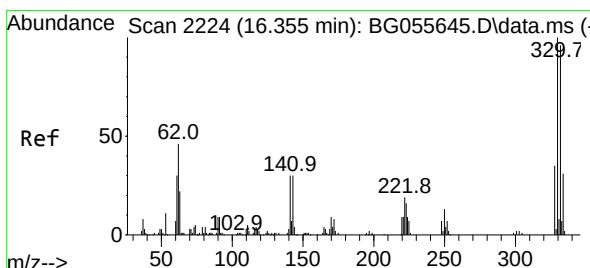
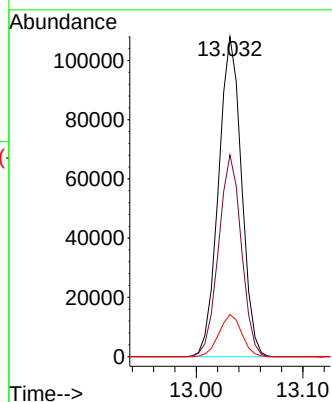
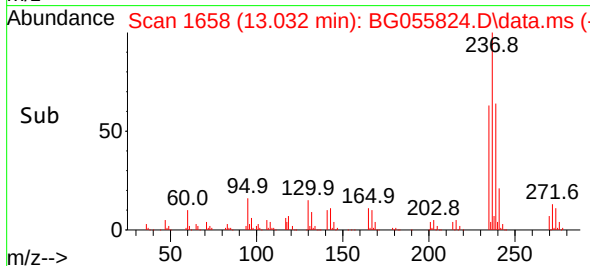


Tgt Ion:237 Resp: 161866
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 13.2 0.0 33.6

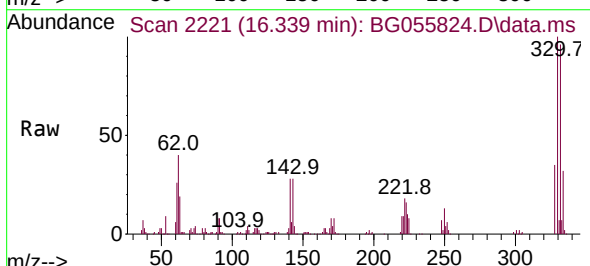
Manual Integrations

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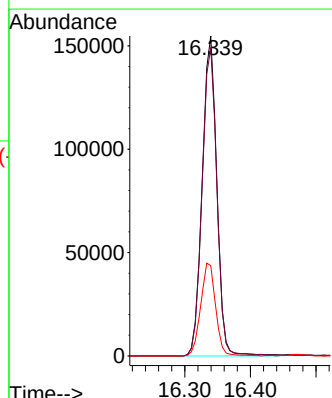
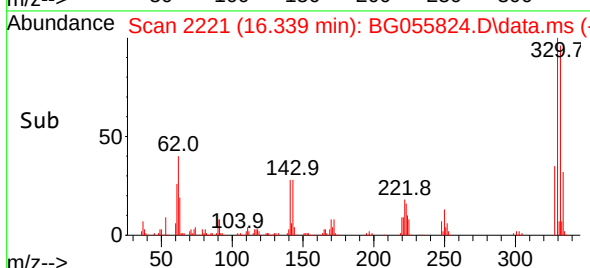
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

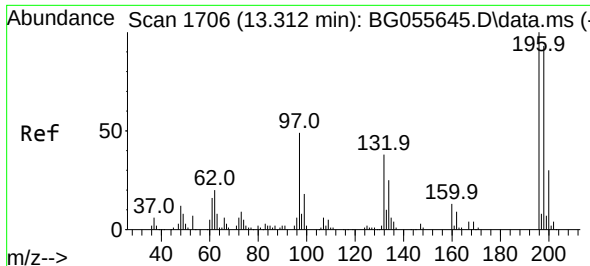


#42
2,4,6-Tribromophenol
Concen: 120.156 ng
RT: 16.339 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



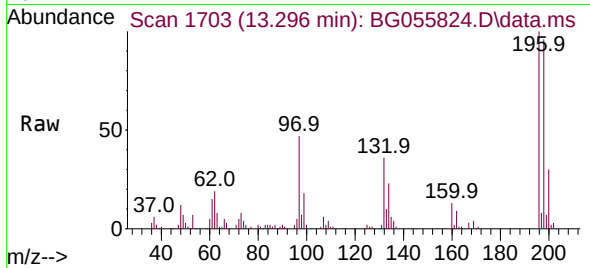
Tgt Ion:330 Resp: 237711
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 29.6 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 37.862 ng
RT: 13.296 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

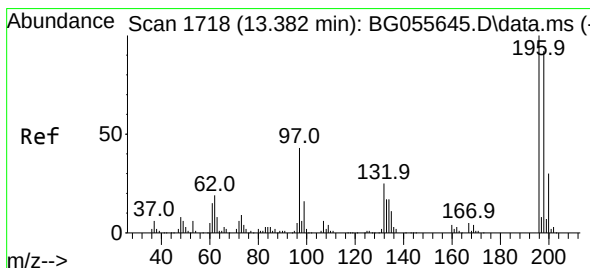
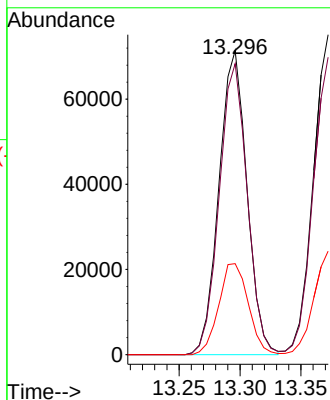
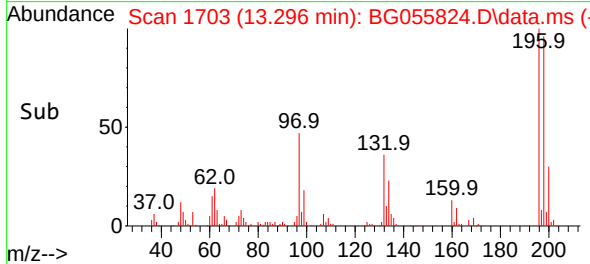
Instrument :
BNA_G
ClientSampleId :
PB149290BS



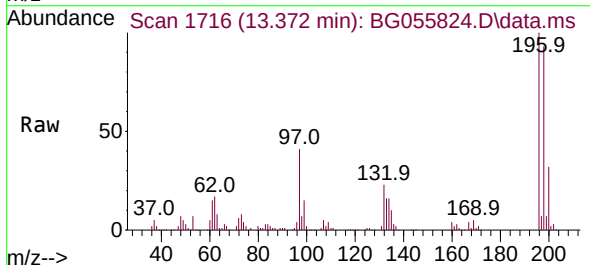
Tgt Ion:196 Resp: 114029
Ion Ratio Lower Upper
196 100
198 95.7 74.6 112.0
200 29.9 23.7 35.5

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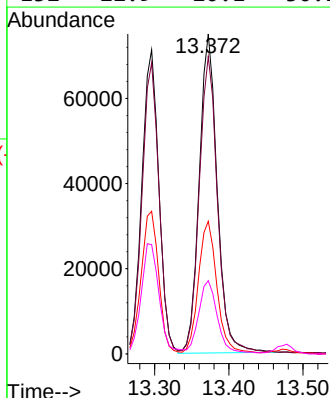
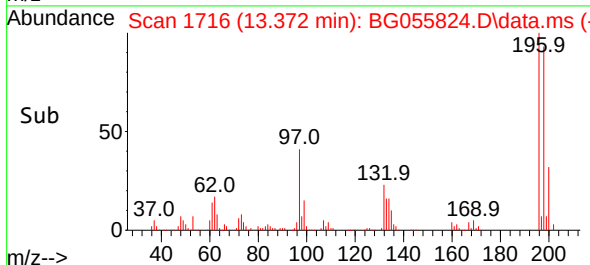
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

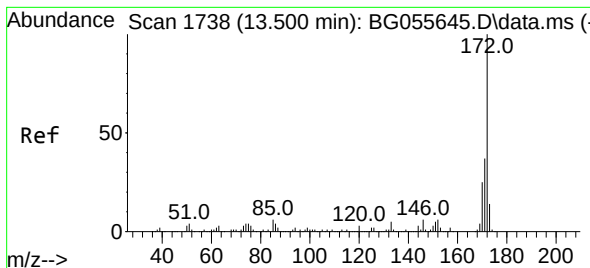


#44
2,4,5-Trichlorophenol
Concen: 38.200 ng
RT: 13.372 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:196 Resp: 126428
Ion Ratio Lower Upper
196 100
198 92.9 74.1 111.1
97 41.4 34.8 52.2
132 22.9 20.1 30.1





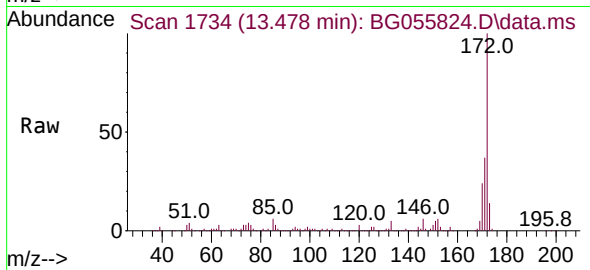
#45
2-Fluorobiphenyl
Concen: 69.494 ng
RT: 13.478 min Scan# 1738
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

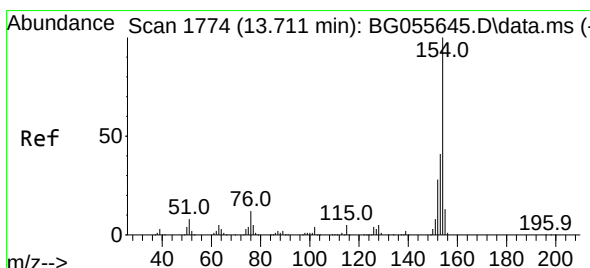
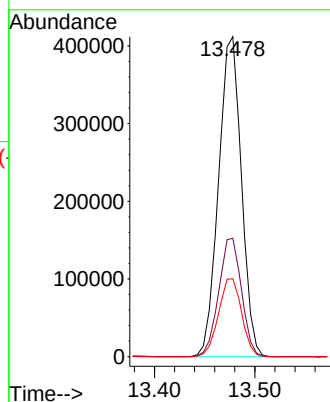
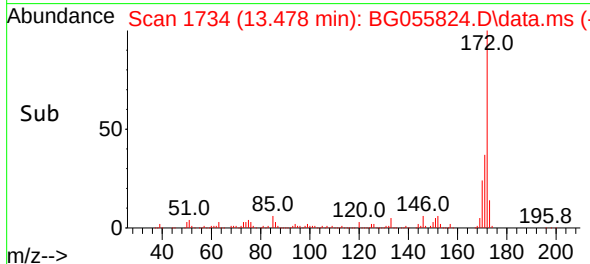


Tgt Ion:172 Resp: 651720
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.3 20.2 30.4

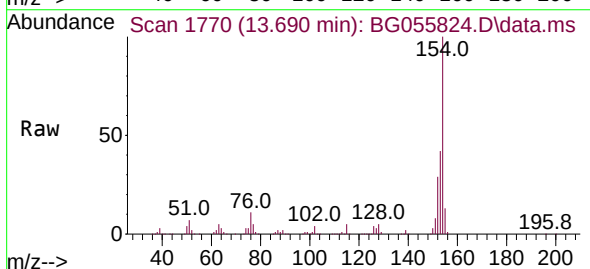
Manual Integrations

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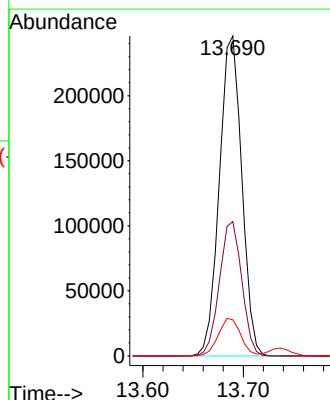
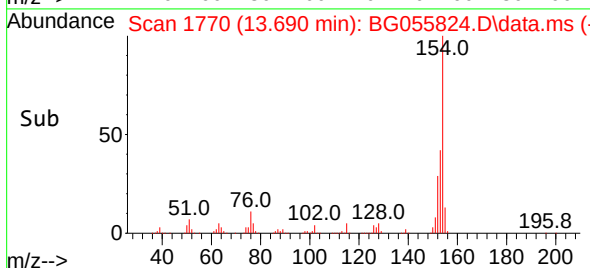
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

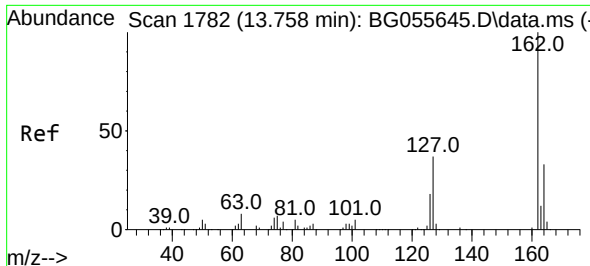


#46
1,1'-Biphenyl
Concen: 37.332 ng
RT: 13.690 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



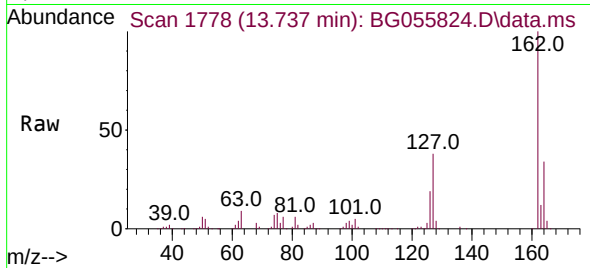
Tgt Ion:154 Resp: 382212
Ion Ratio Lower Upper
154 100
153 42.0 20.6 60.6
76 11.3 0.0 32.4





#47
2-Chloronaphthalene
Concen: 36.879 ng
RT: 13.737 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

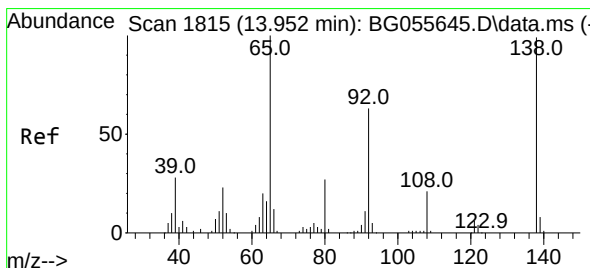
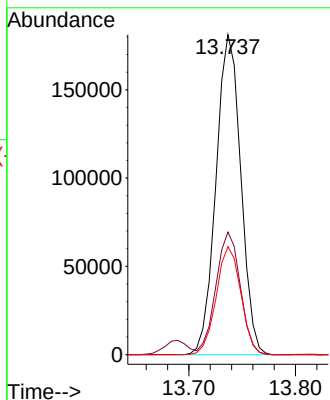
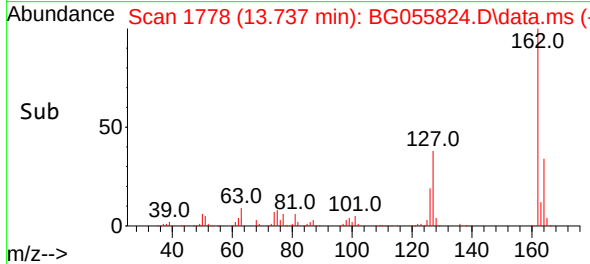
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:162 Resp: 29347
Ion Ratio Lower Upper
162 100
127 38.3 29.9 44.9
164 33.7 26.4 39.6

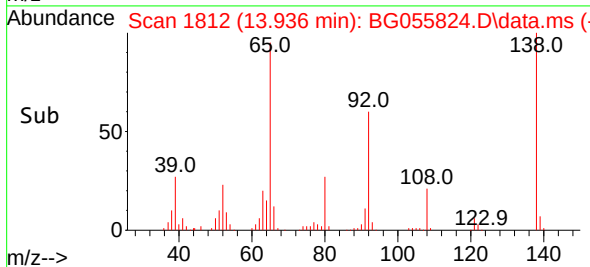
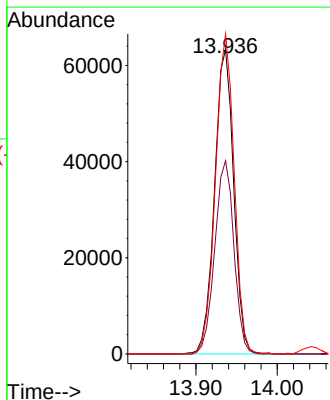
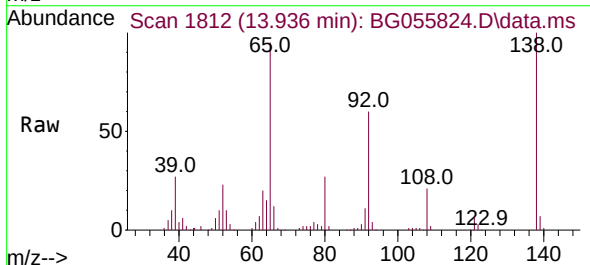
Manual Integrations
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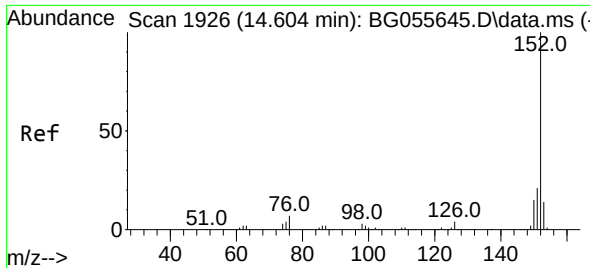
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#48
2-Nitroaniline
Concen: 39.512 ng
RT: 13.936 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion: 65 Resp: 103376
Ion Ratio Lower Upper
65 100
92 63.4 50.1 75.1
138 105.0 79.4 119.0





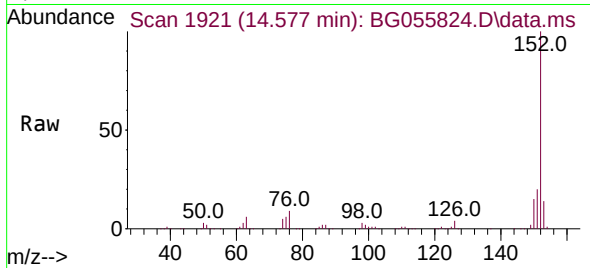
#49
Acenaphthylene
Concen: 37.113 ng
RT: 14.577 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

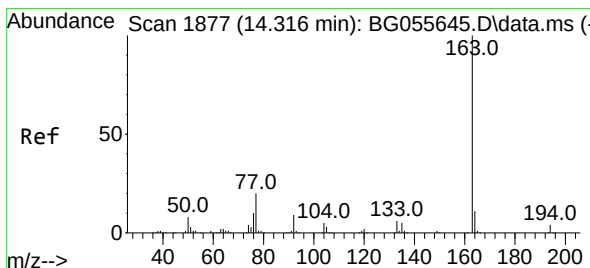
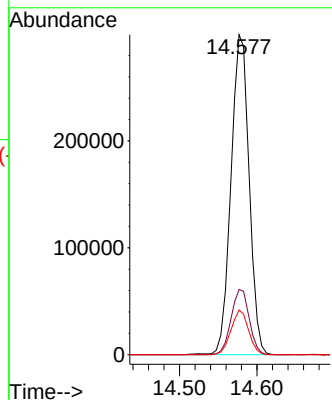
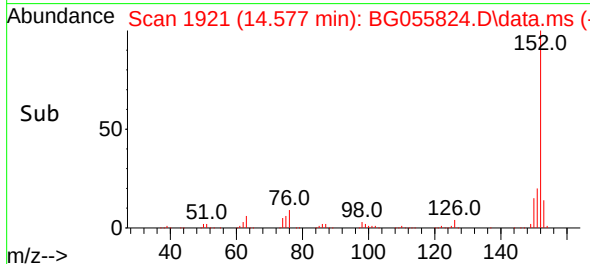


Tgt Ion:152 Resp: 486336
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 11.0 16.4

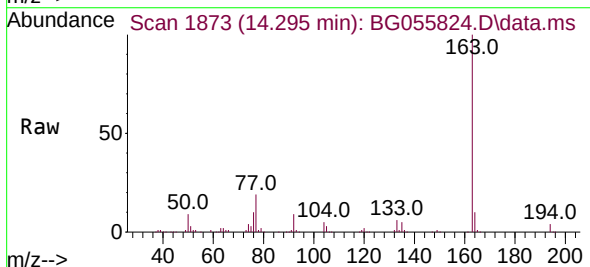
Manual Integrations

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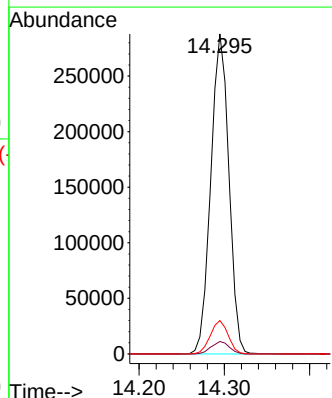
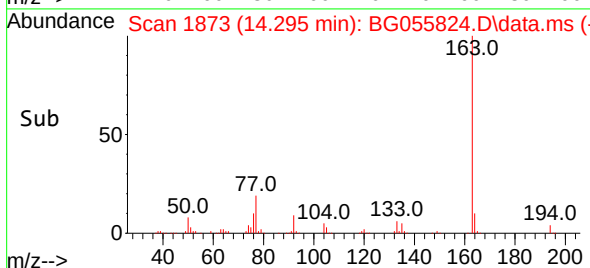
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

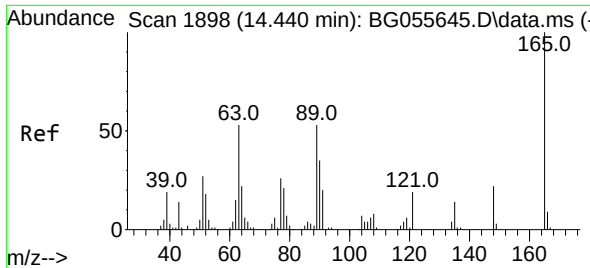


#50
Dimethylphthalate
Concen: 37.844 ng
RT: 14.295 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:163 Resp: 423844
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.6 12.8





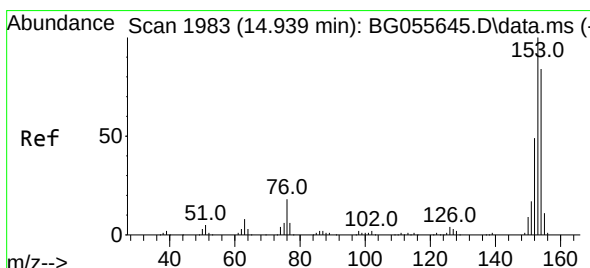
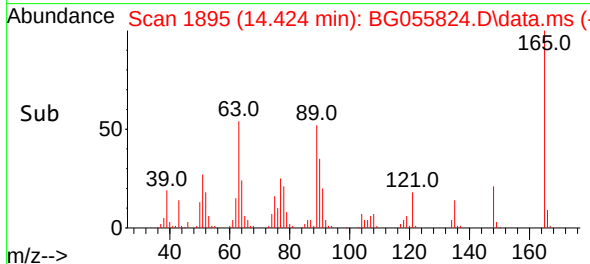
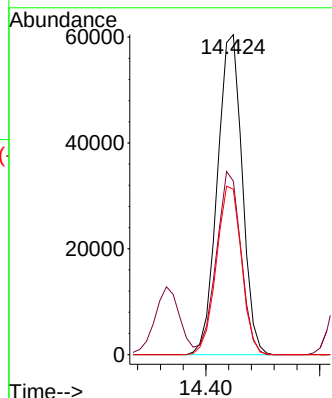
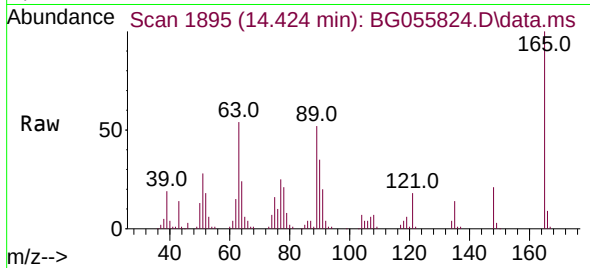
#51
2,6-Dinitrotoluene
Concen: 40.094 ng
RT: 14.424 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB149290BS

Tgt Ion:165 Resp: 91814
Ion Ratio Lower Upper
165 100
63 54.2 44.6 66.8
89 51.7 42.2 63.4

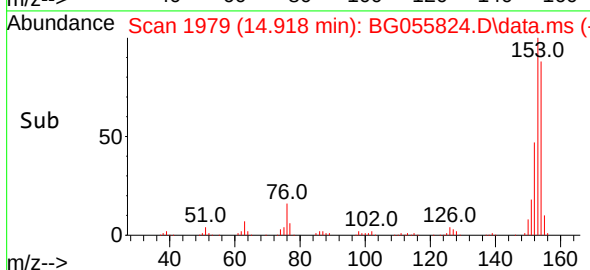
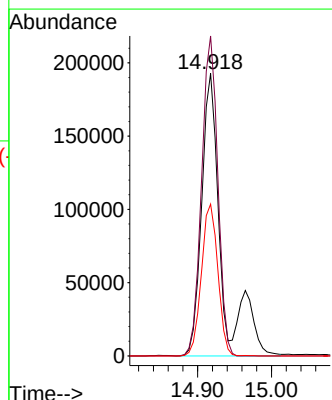
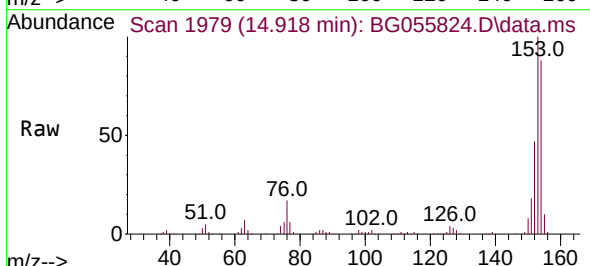
Manual Integrations
APPROVED

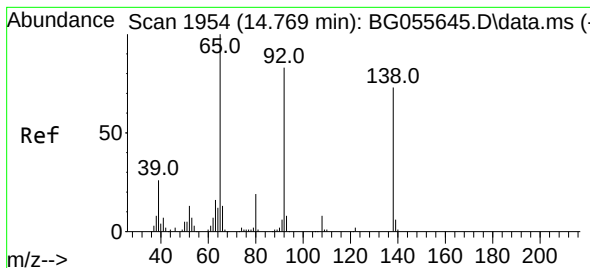
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#52
Acenaphthene
Concen: 41.844 ng m
RT: 14.918 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:154 Resp: 358370
Ion Ratio Lower Upper
154 100
153 113.3 95.0 142.4
152 53.7 46.1 69.1





#53
3-Nitroaniline
Concen: 31.554 ng
RT: 14.753 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

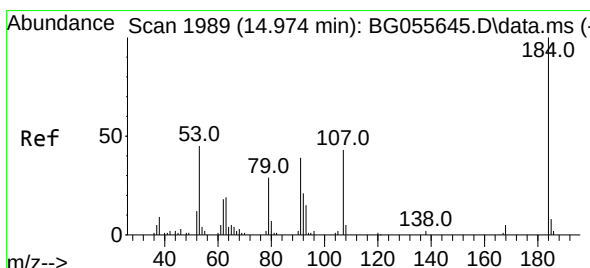
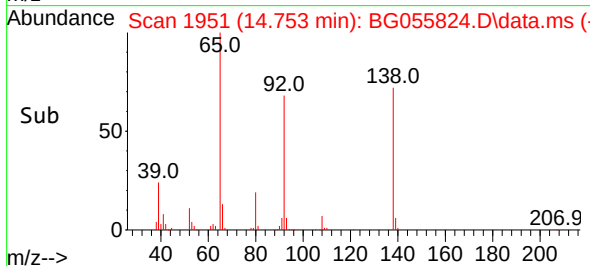
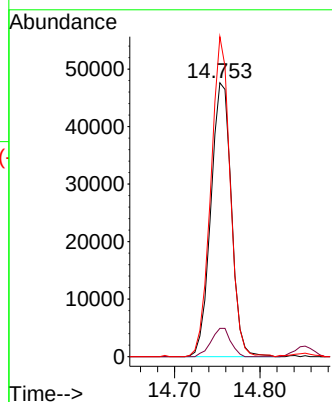
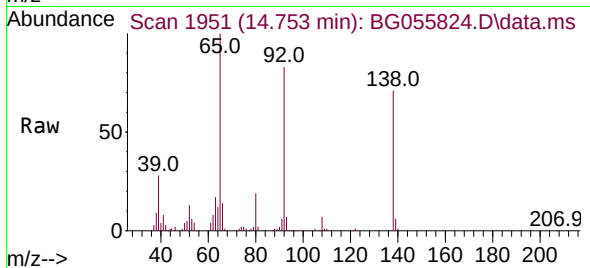
PB149290BS

Tgt Ion:138 Resp: 79323
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 116.8 91.0 136.6

Manual Integrations

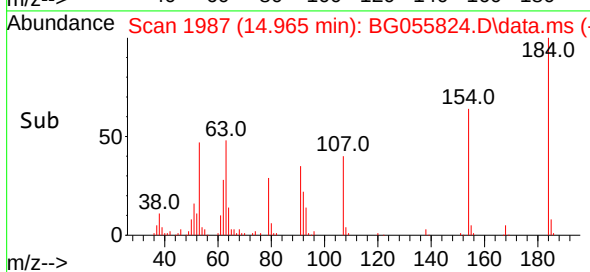
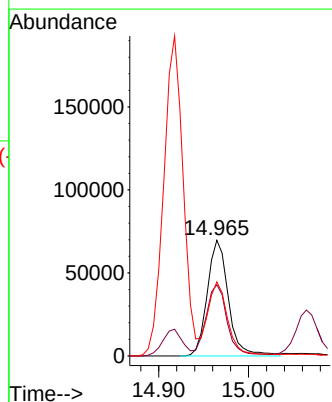
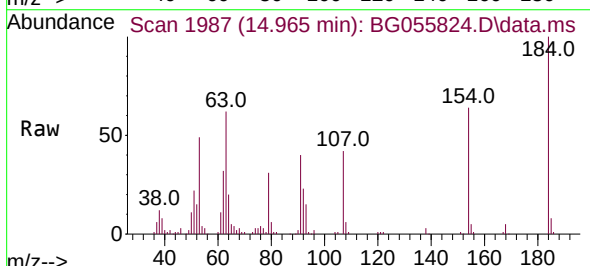
APPROVED

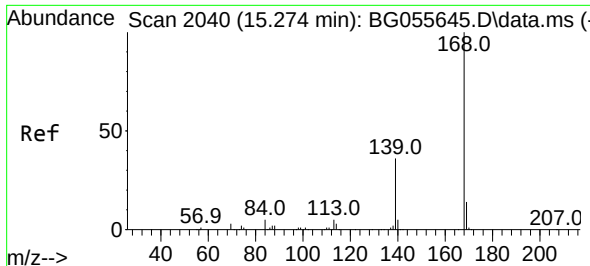
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#54
2,4-Dinitrophenol
Concen: 86.686 ng
RT: 14.965 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

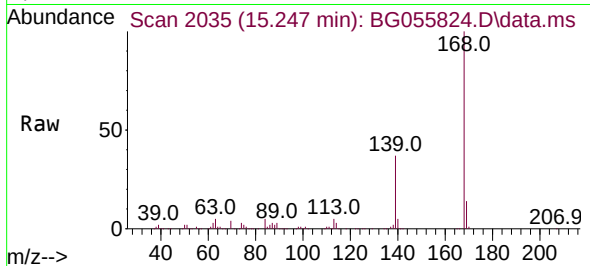
Tgt Ion:184 Resp: 114135
Ion Ratio Lower Upper
184 100
63 61.6 49.5 74.3
154 64.0 52.0 78.0





#55
Dibenzenofuran
Concen: 37.041 ng
RT: 15.247 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

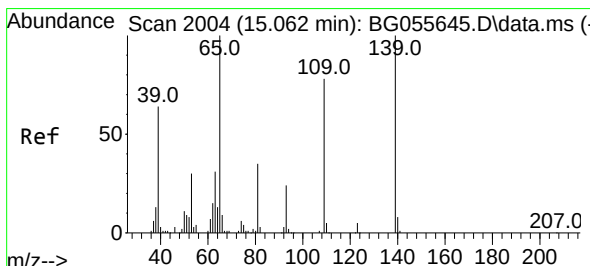
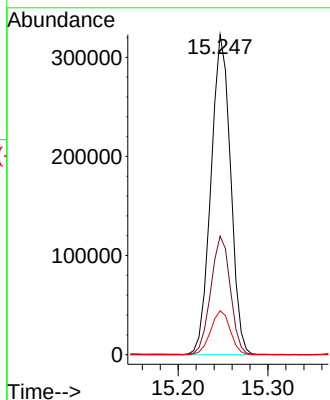
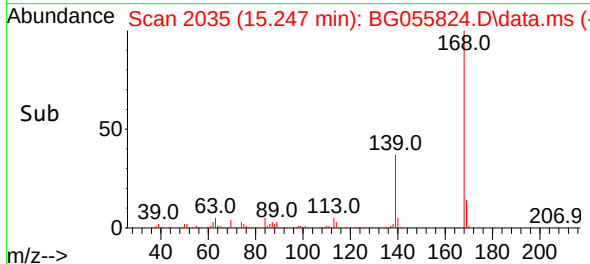
Instrument :
BNA_G
ClientSampleId :
PB149290BS



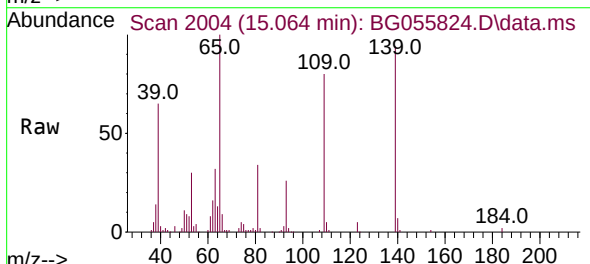
Tgt Ion:168 Resp: 489396
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 13.7 11.0 16.4

Manual Integrations
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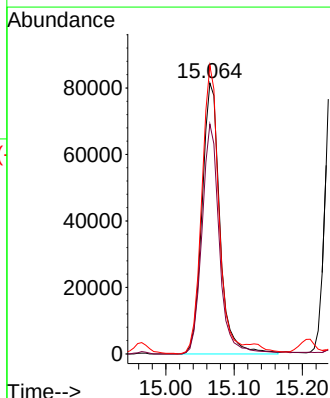
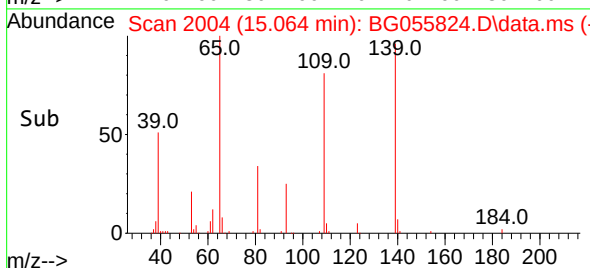
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

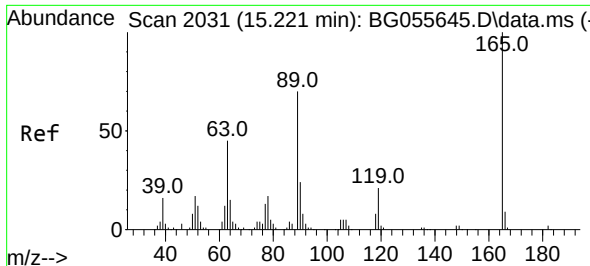


#56
4-Nitrophenol
Concen: 74.790 ng
RT: 15.064 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:139 Resp: 147560
Ion Ratio Lower Upper
139 100
109 84.9 58.6 98.6
65 106.5 80.5 120.5





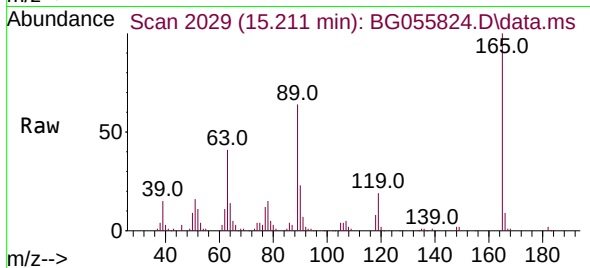
#57
2,4-Dinitrotoluene
Concen: 41.440 ng
RT: 15.211 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

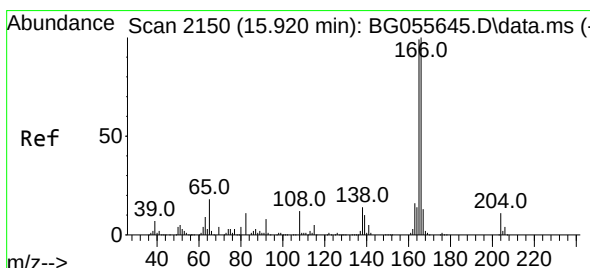
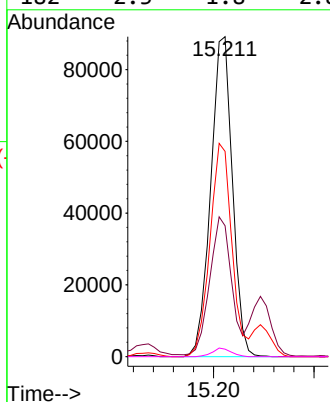
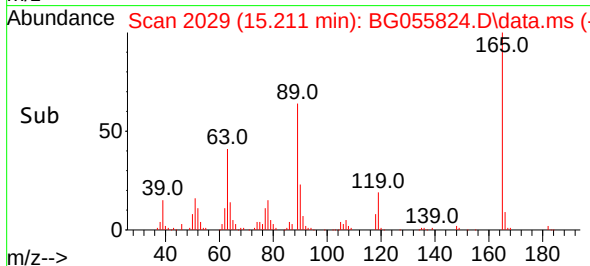


Tgt Ion:165 Resp: 133792
Ion Ratio Lower Upper
165 100
63 40.9 35.8 53.8
89 64.1 56.2 84.4
182 2.3 1.8 2.8

Manual Integrations

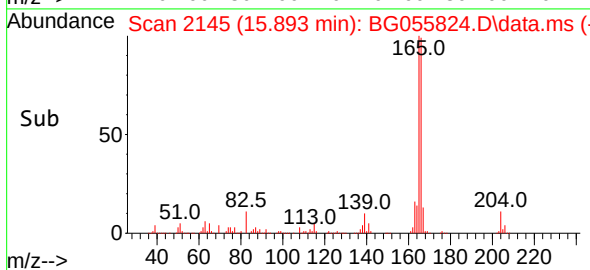
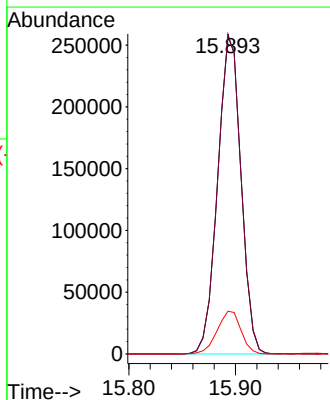
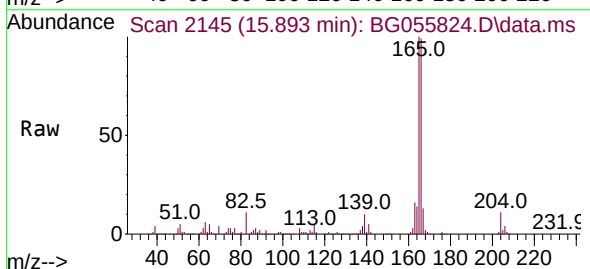
APPROVED

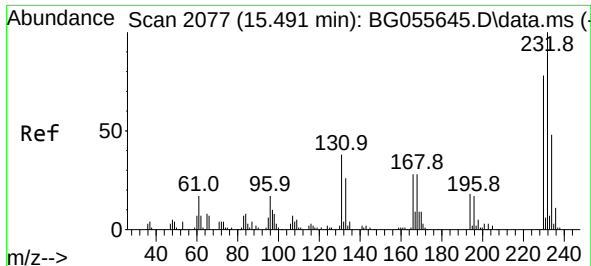
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#58
Fluorene
Concen: 37.143 ng
RT: 15.893 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:166 Resp: 391944
Ion Ratio Lower Upper
166 100
165 100.9 79.3 118.9
167 13.4 10.6 15.8





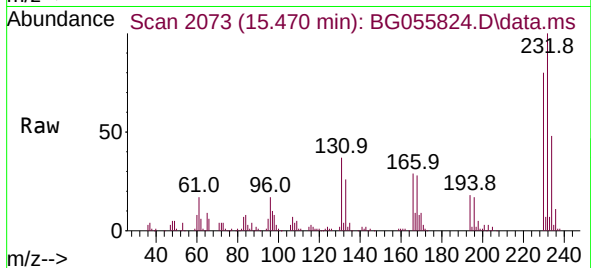
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.141 ng
RT: 15.470 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

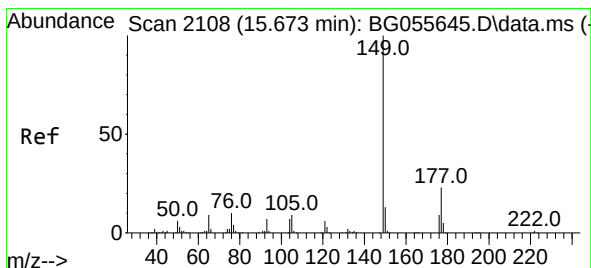
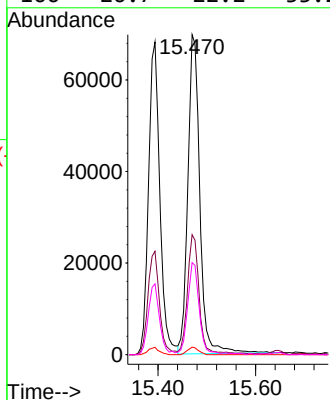
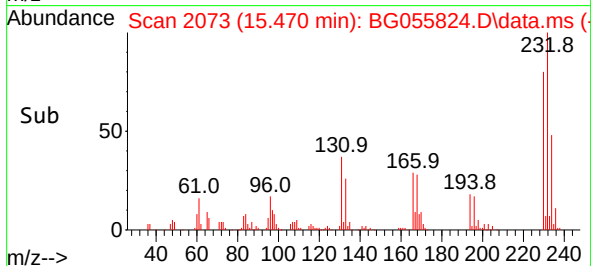


Tgt Ion:232 Resp: 119109
Ion Ratio Lower Upper
232 100
131 37.5 29.8 44.8
130 2.1 1.7 2.5
166 26.7 22.2 33.2

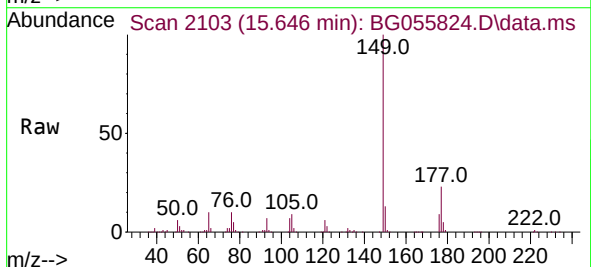
Manual Integrations

APPROVED

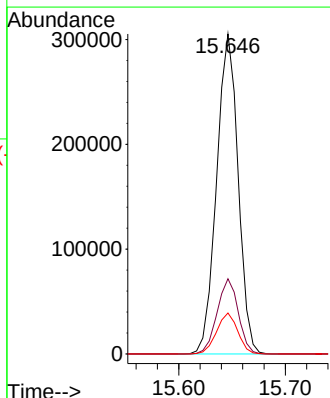
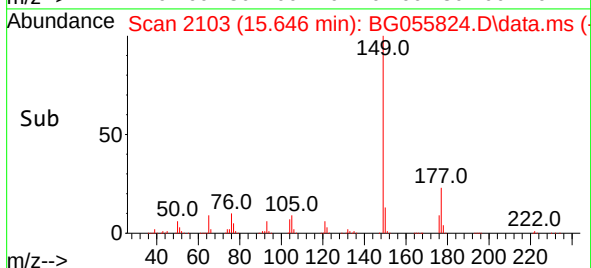
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

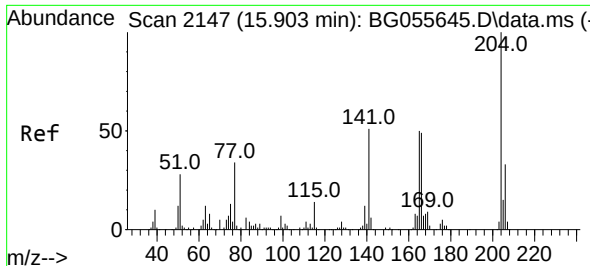


#60
Diethylphthalate
Concen: 37.818 ng
RT: 15.646 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



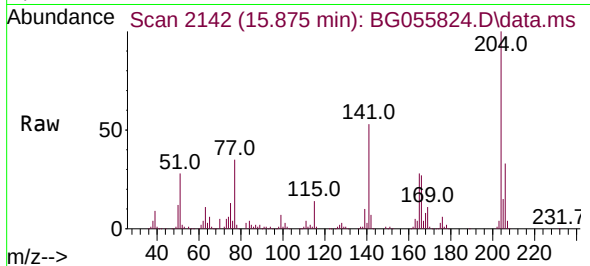
Tgt Ion:149 Resp: 428223
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.951 ng
RT: 15.875 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

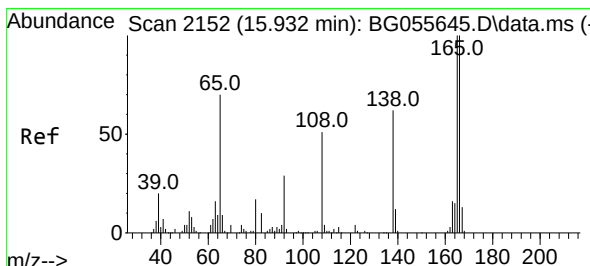
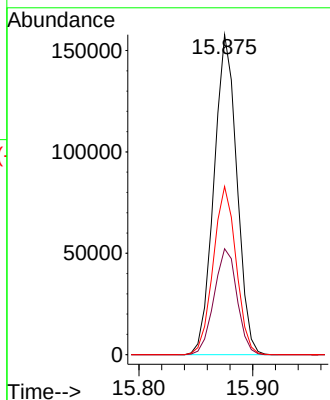
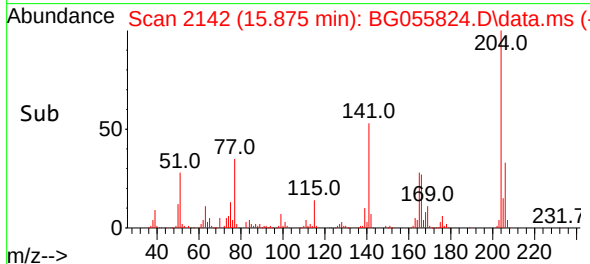
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:204 Resp: 220139
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 52.5 40.6 61.0

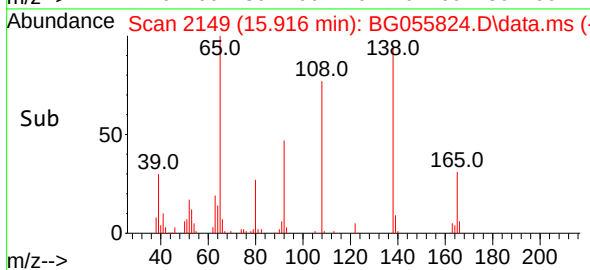
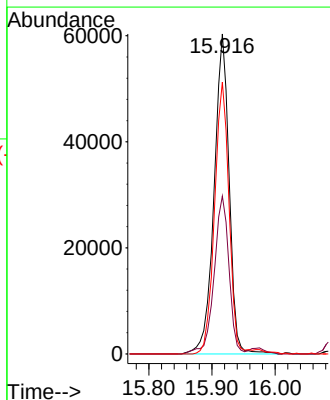
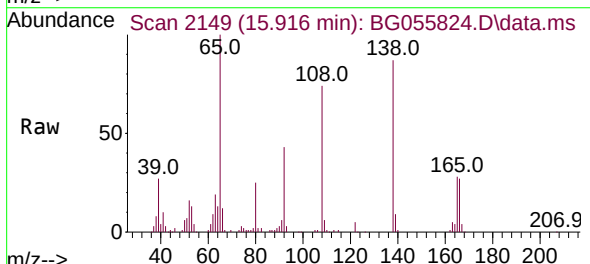
Manual Integrations
APPROVED

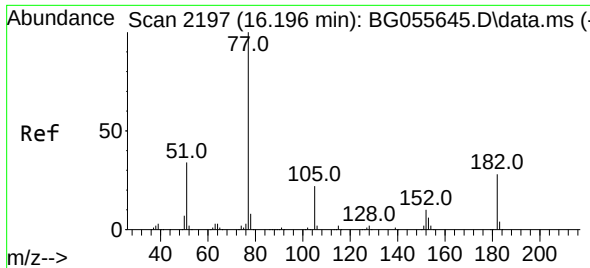
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#62
4-Nitroaniline
Concen: 38.010 ng
RT: 15.916 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:138 Resp: 99884
Ion Ratio Lower Upper
138 100
92 49.3 27.3 67.3
108 84.9 62.8 102.8





#63
Azobenzene
Concen: 36.685 ng
RT: 16.169 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

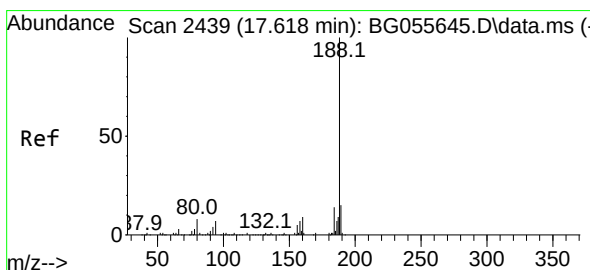
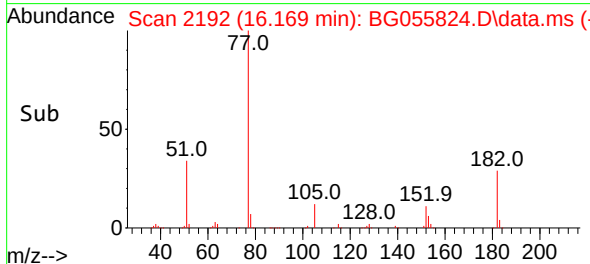
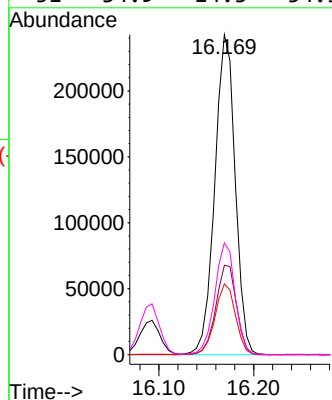
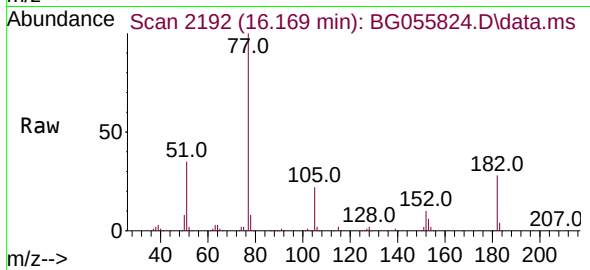
PB149290BS

Tgt Ion: 77 Resp: 362655
Ion Ratio Lower Upper
77 100
182 27.9 8.1 48.1
105 22.1 1.8 41.8
51 34.9 14.3 54.3

Manual Integrations

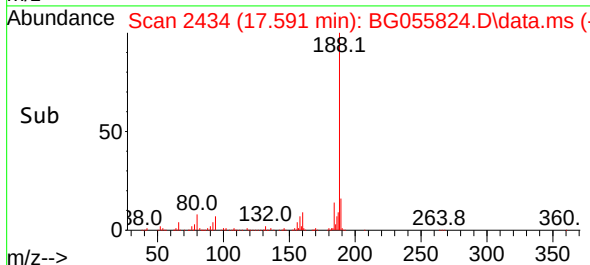
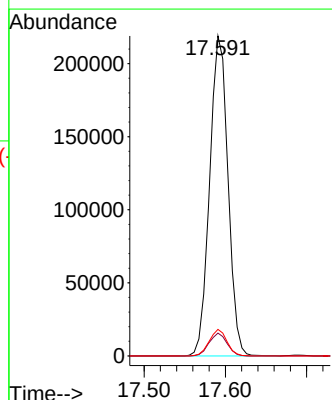
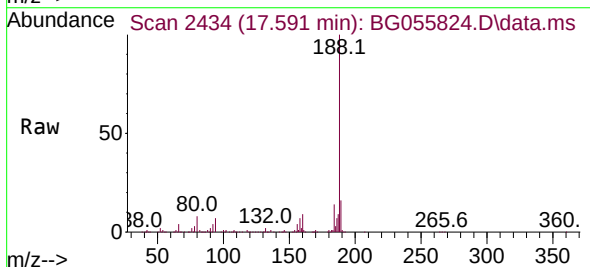
APPROVED

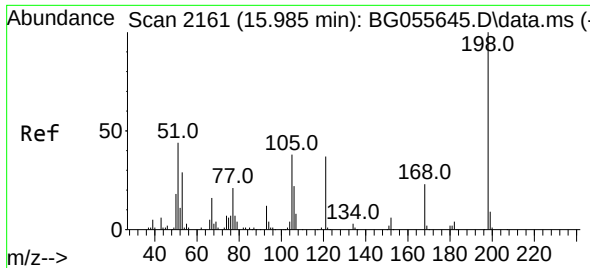
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:188 Resp: 343681
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.3 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.705 ng
RT: 15.975 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

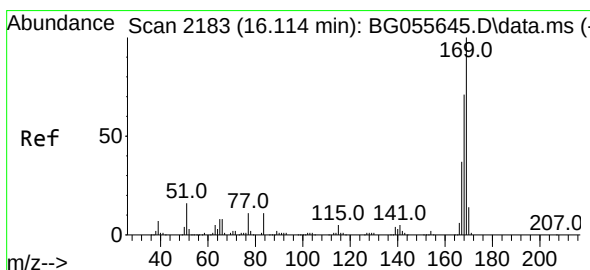
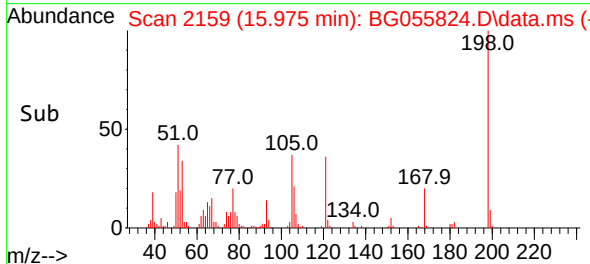
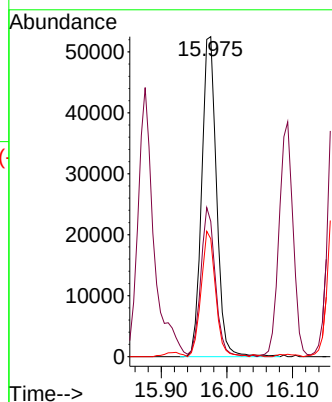
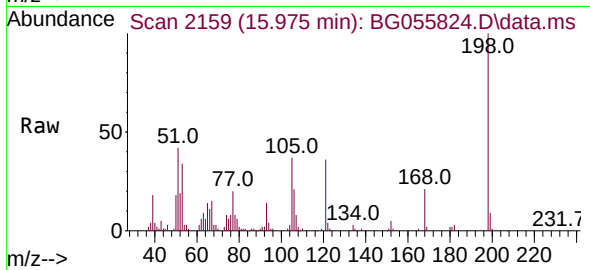
PB149290BS

Tgt Ion:198 Resp: 81954
Ion Ratio Lower Upper
198 100
51 42.2 27.7 67.7
105 36.8 19.3 59.3

Manual Integrations

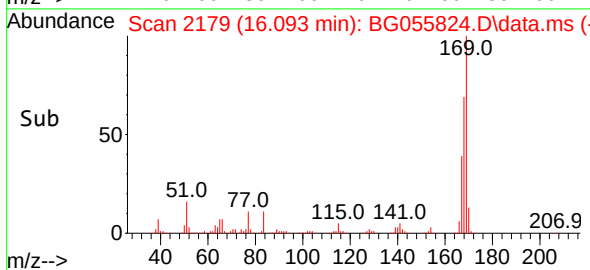
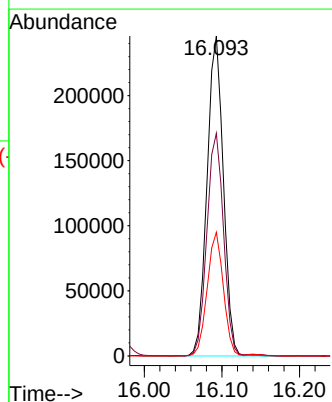
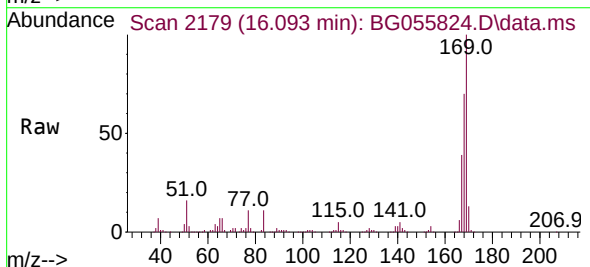
APPROVED

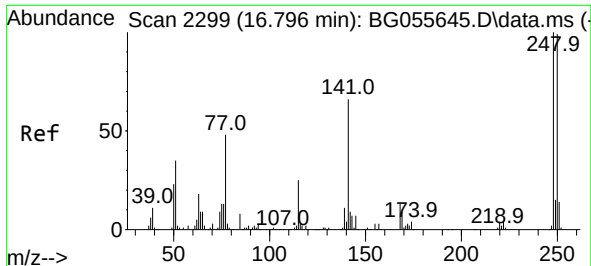
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#66
n-Nitrosodiphenylamine
Concen: 37.804 ng
RT: 16.093 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:169 Resp: 358058
Ion Ratio Lower Upper
169 100
168 69.6 56.6 85.0
167 38.6 29.9 44.9





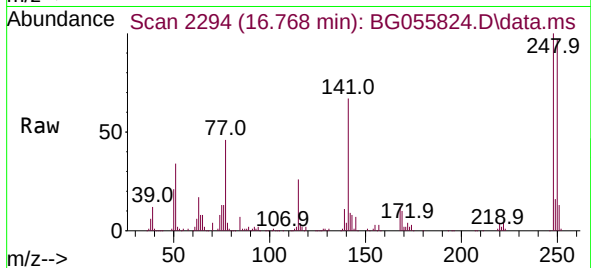
#67
4-Bromophenyl-phenylether
Concen: 38.253 ng
RT: 16.768 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

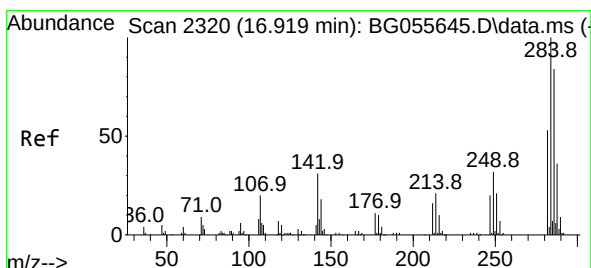
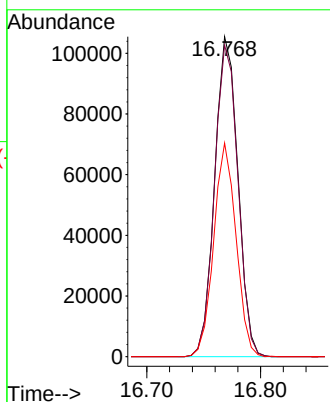
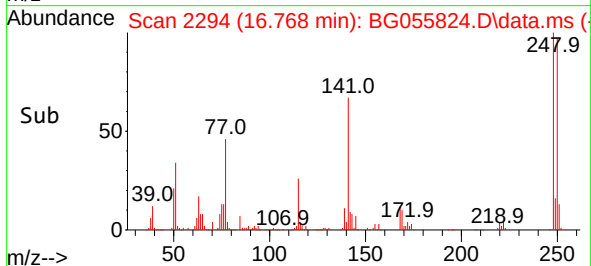


Tgt Ion:248 Resp: 149792
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 66.7 52.9 79.3

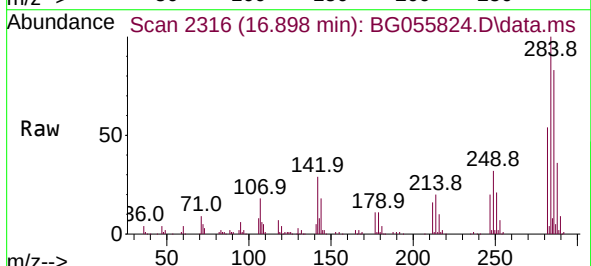
Manual Integrations

APPROVED

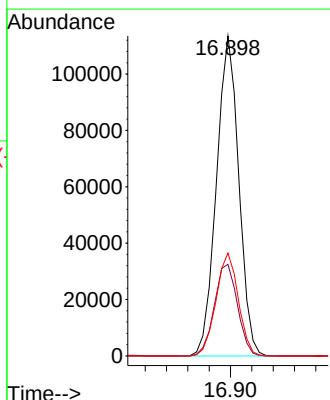
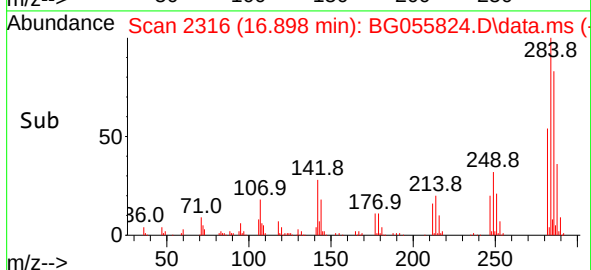
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

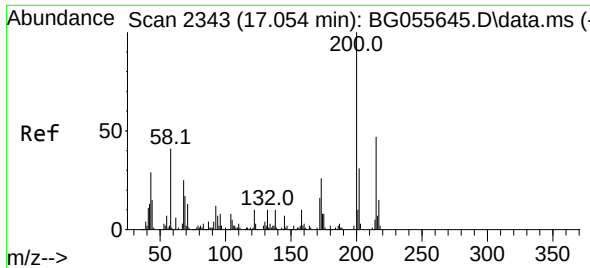


#68
Hexachlorobenzene
Concen: 38.057 ng
RT: 16.898 min Scan# 2316
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



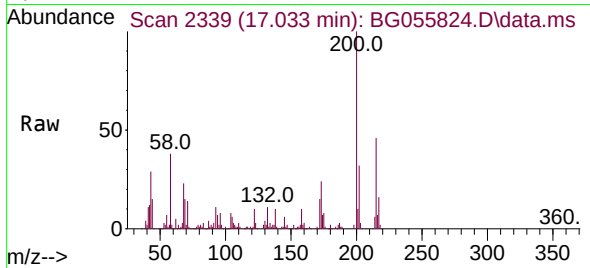
Tgt Ion:284 Resp: 165246
Ion Ratio Lower Upper
284 100
142 28.6 24.8 37.2
249 34.5 25.7 38.5





#69
 Atrazine
 Concen: 42.150 ng
 RT: 17.033 min Scan# 2339
 Delta R.T. 0.006 min
 Lab File: BG055824.D
 Acq: 29 Nov 2022 11:36

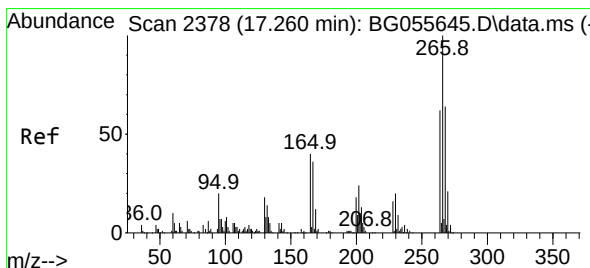
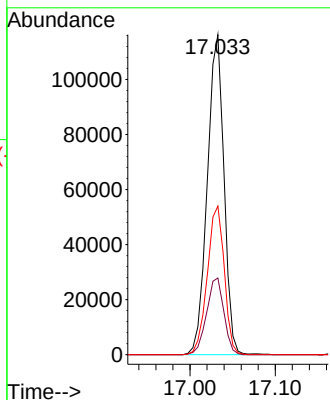
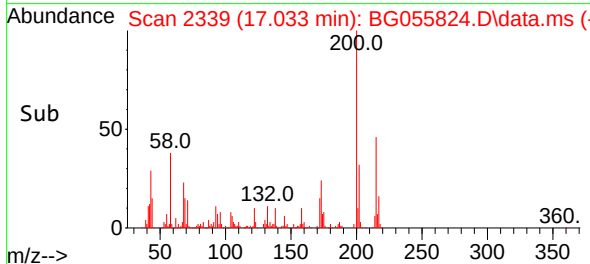
Instrument :
 BNA_G
 ClientSampleId :
 PB149290BS



Tgt Ion:200 Resp: 157893
 Ion Ratio Lower Upper
 200 100
 173 23.9 5.6 45.6
 215 46.4 27.2 67.2

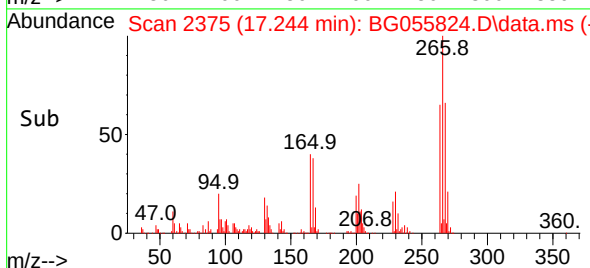
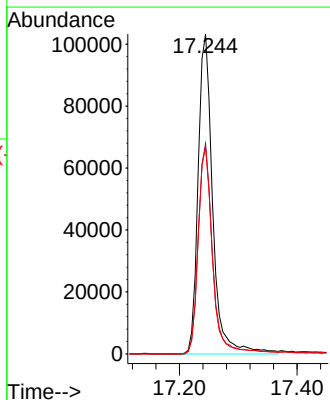
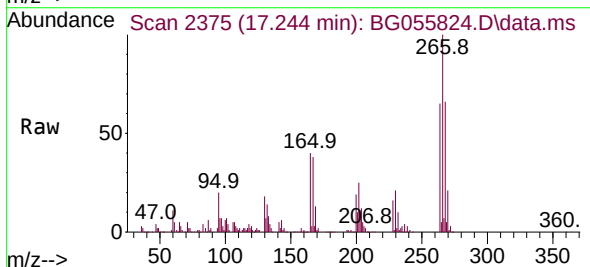
Manual Integrations
 APPROVED

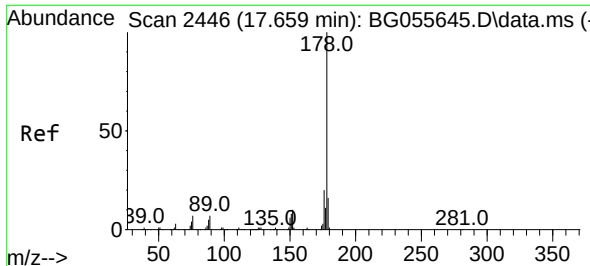
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :Jagrut Upadhyay 11/30/2022



#70
 Pentachlorophenol
 Concen: 66.967 ng
 RT: 17.244 min Scan# 2375
 Delta R.T. -0.000 min
 Lab File: BG055824.D
 Acq: 29 Nov 2022 11:36

Tgt Ion:266 Resp: 177874
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.2 76.8
 264 64.6 49.5 74.3





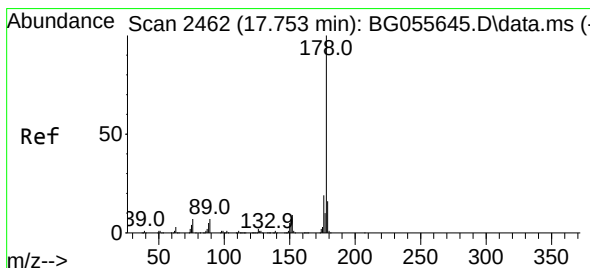
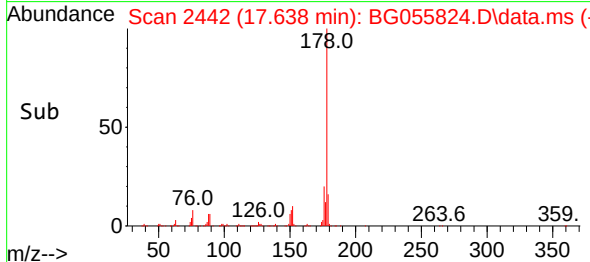
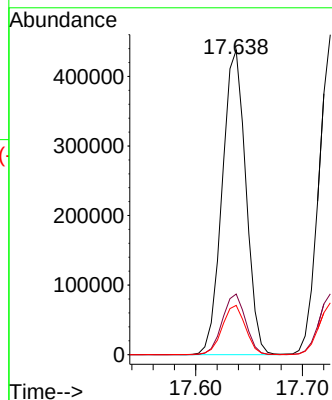
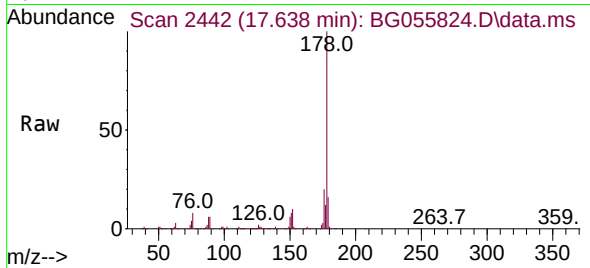
#71
Phenanthrene
Concen: 36.344 ng
RT: 17.638 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB149290BS

Tgt Ion:178 Resp: 674050
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.2 12.7 19.1

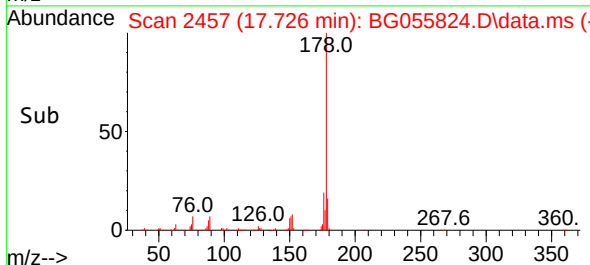
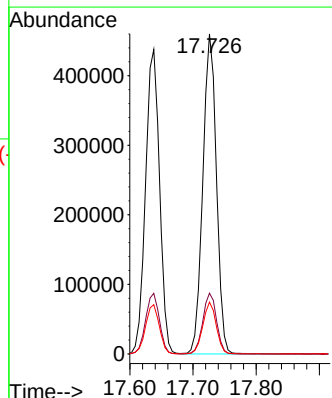
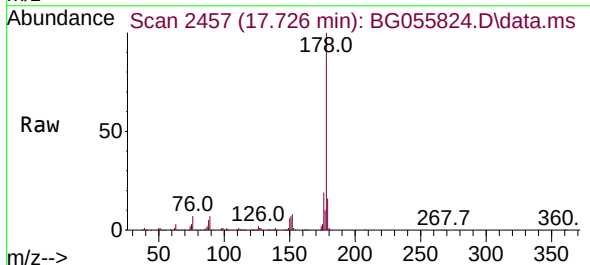
Manual Integrations
APPROVED

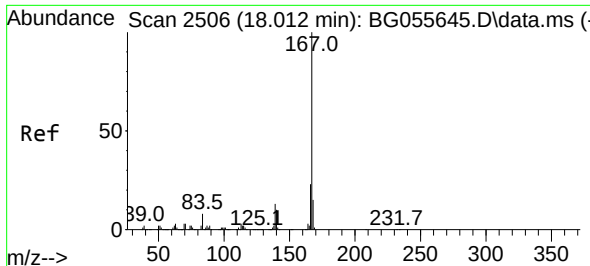
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#72
Anthracene
Concen: 38.043 ng
RT: 17.726 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:178 Resp: 685532
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.2 12.5 18.7





#73
Carbazole
Concen: 38.748 ng
RT: 17.990 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

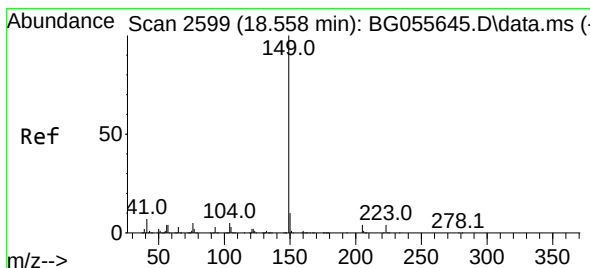
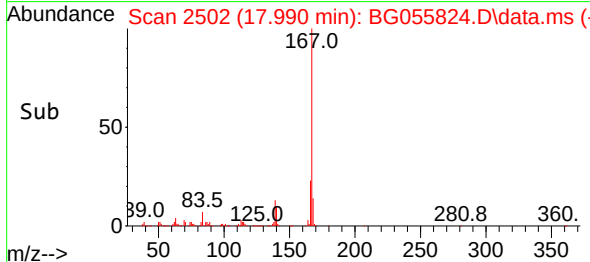
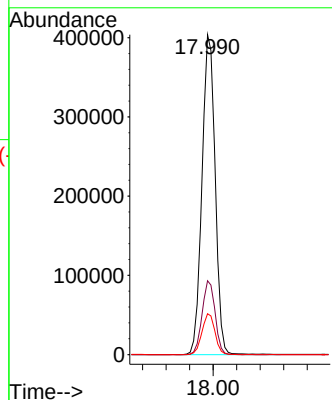
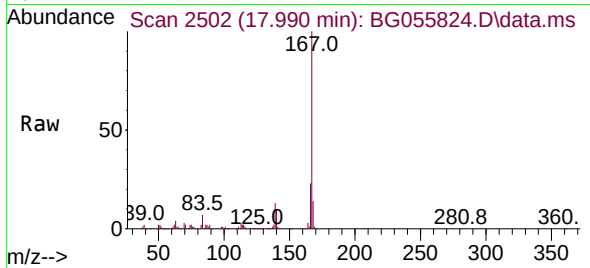
PB149290BS

Tgt Ion:167 Resp: 627708
Ion Ratio Lower Upper
167 100
166 23.1 18.2 27.2
139 12.8 10.2 15.4

Manual Integrations

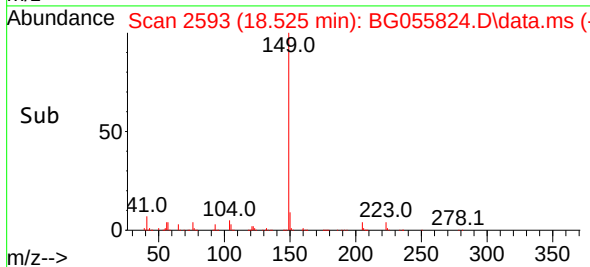
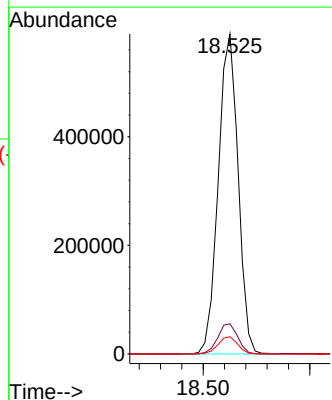
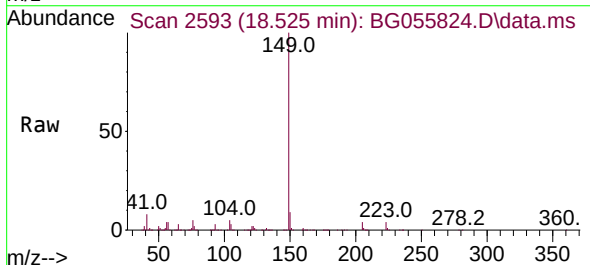
APPROVED

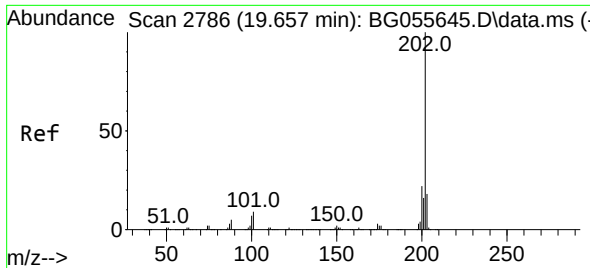
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#74
Di-n-butylphthalate
Concen: 37.886 ng
RT: 18.525 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

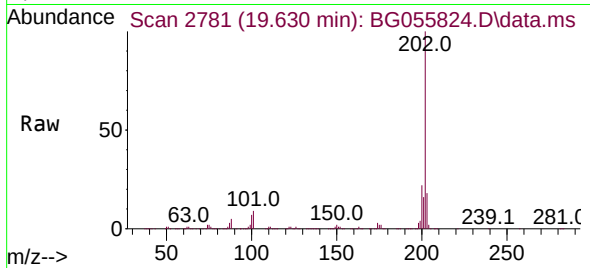
Tgt Ion:149 Resp: 762097
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 36.006 ng
RT: 19.630 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

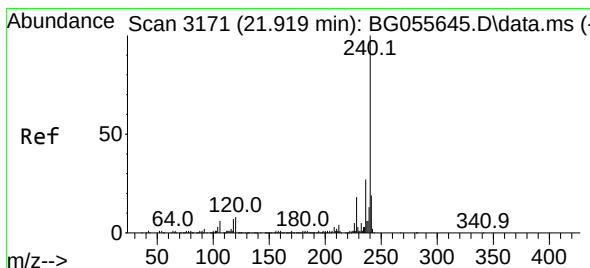
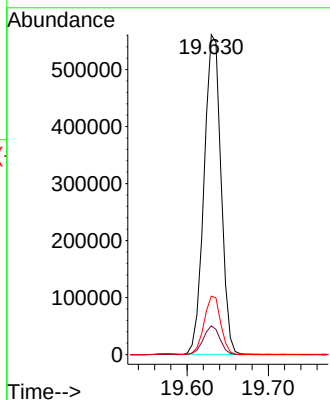
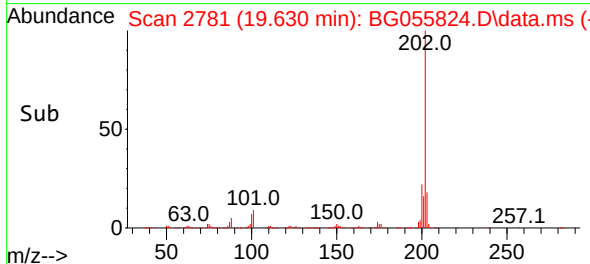
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:202 Resp: 812415
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.3 0.0 38.1

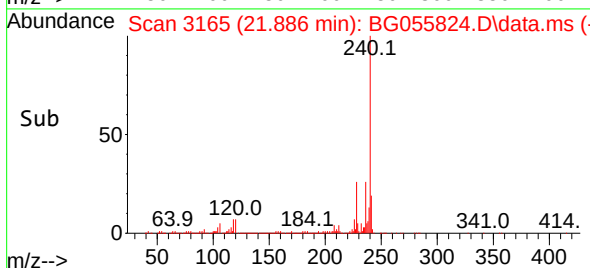
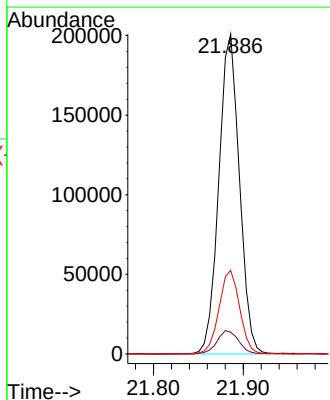
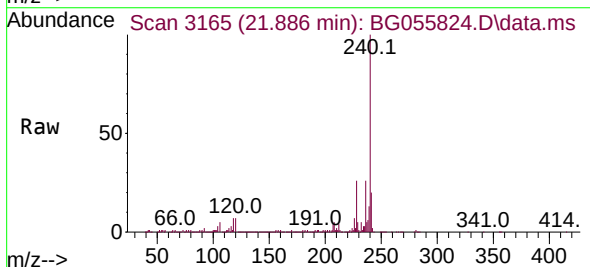
Manual Integrations
APPROVED

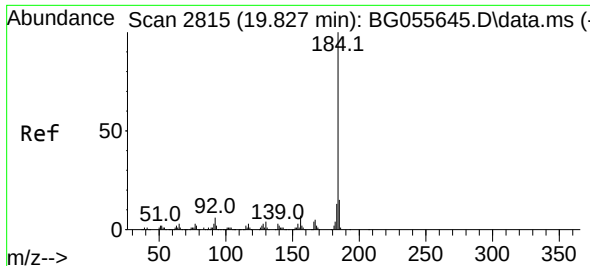
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

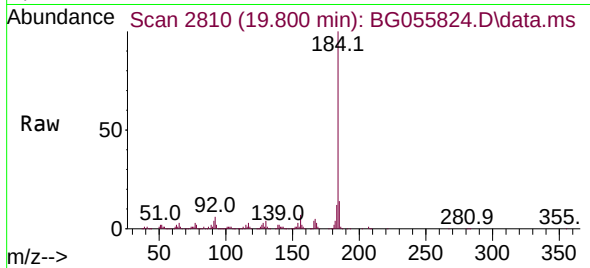
Tgt Ion:240 Resp: 320746
Ion Ratio Lower Upper
240 100
120 6.8 6.3 9.5
236 26.1 21.9 32.9





#77
Benzidine
Concen: 54.226 ng
RT: 19.800 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

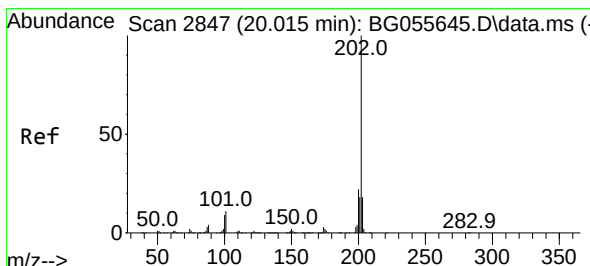
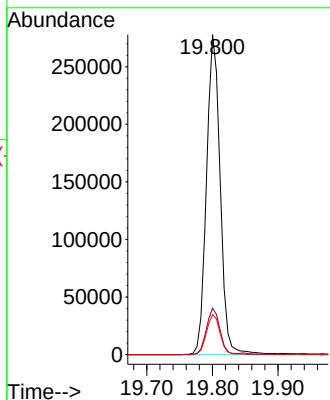
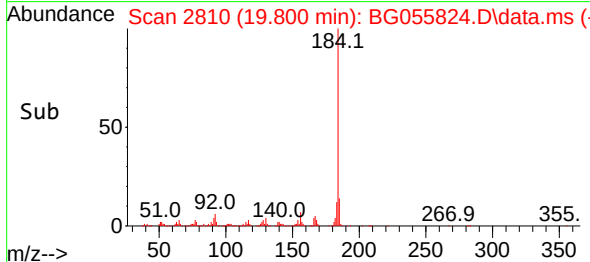
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:184 Resp: 402372
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 12.5 10.6 15.8

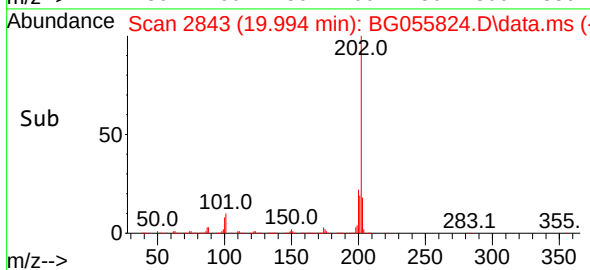
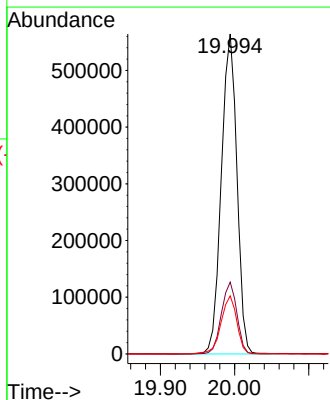
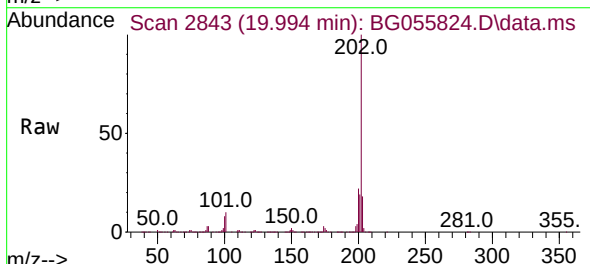
Manual Integrations
APPROVED

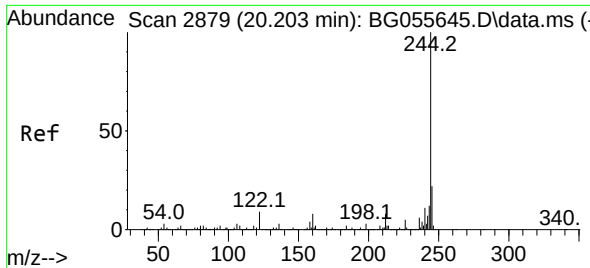
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#78
Pyrene
Concen: 37.899 ng
RT: 19.994 min Scan# 2843
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:202 Resp: 822819
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.1 14.4 21.6





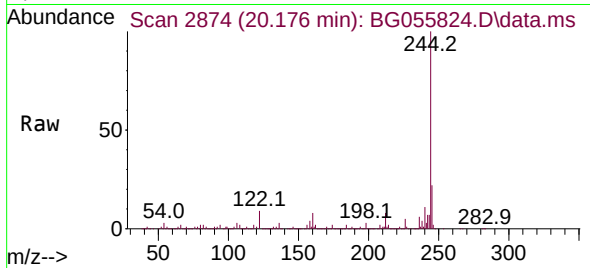
#79
Terphenyl-d14
Concen: 76.904 ng
RT: 20.176 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

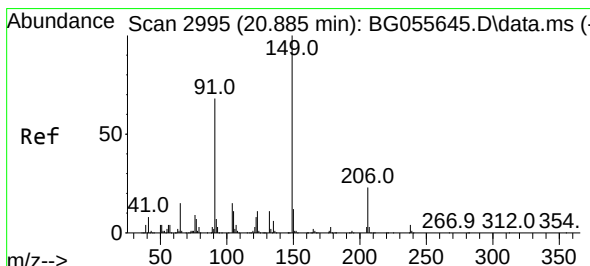
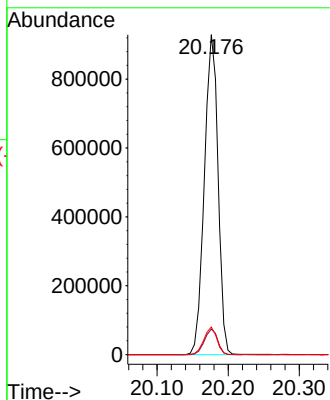
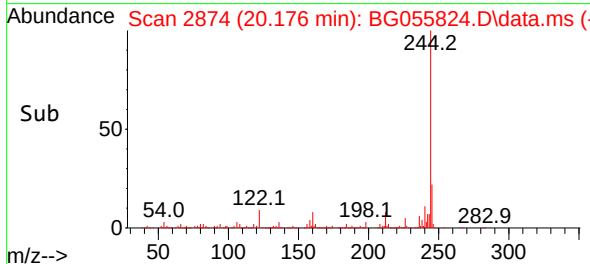


Tgt Ion:244 Resp: 1233256
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.6 6.9 10.3

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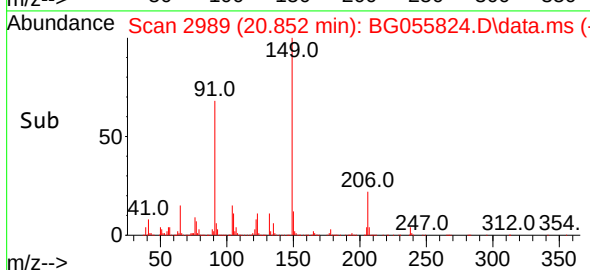
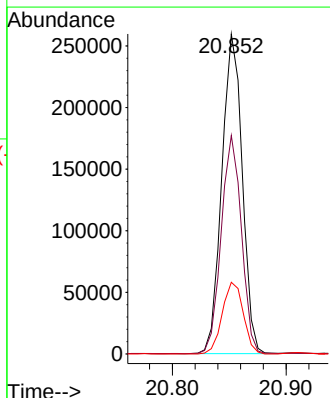
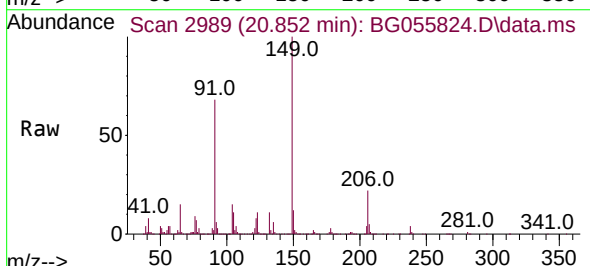
APPROVED

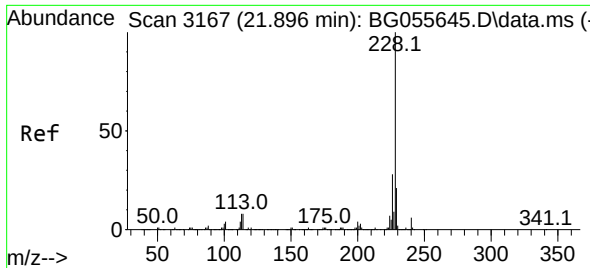
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#80
Butylbenzylphthalate
Concen: 38.127 ng
RT: 20.852 min Scan# 2989
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

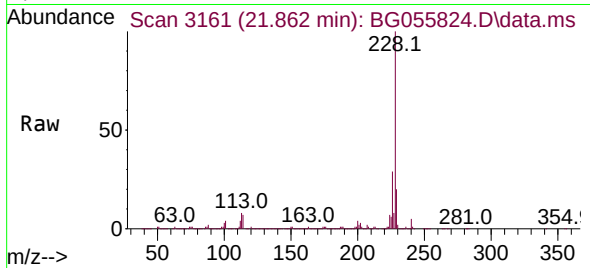
Tgt Ion:149 Resp: 324047
Ion Ratio Lower Upper
149 100
91 68.3 54.6 81.8
206 22.4 18.3 27.5





#81
Benzo(a)anthracene
Concen: 37.070 ng
RT: 21.862 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

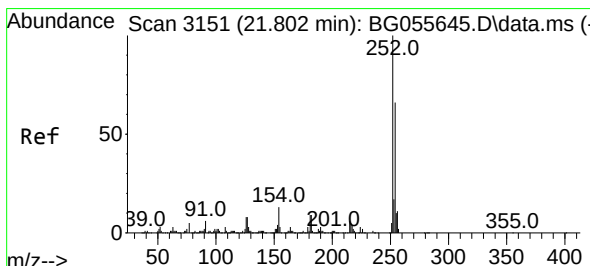
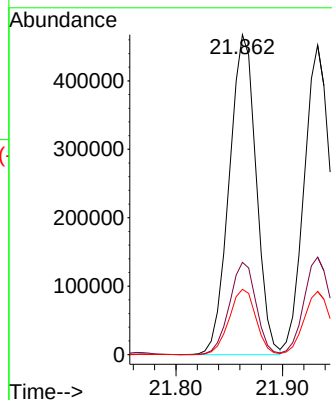
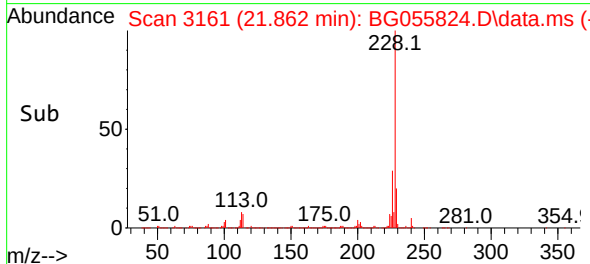
Instrument :
BNA_G
ClientSampleId :
PB149290BS



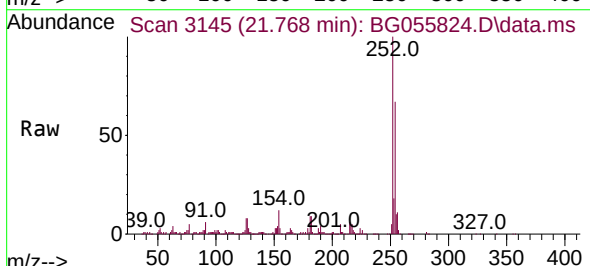
Tgt Ion:228 Resp: 818944
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.4 16.5 24.7

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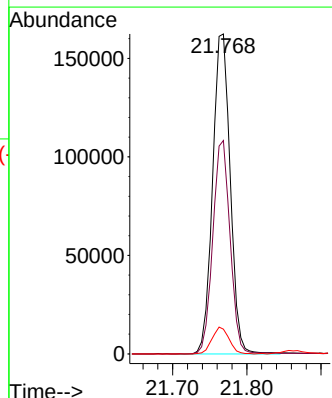
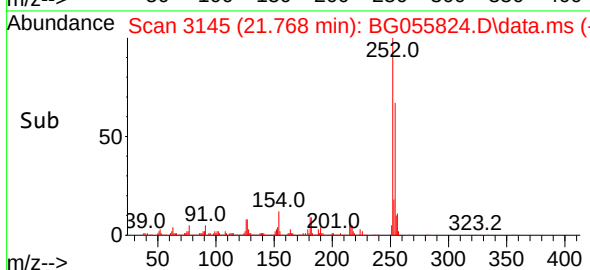
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

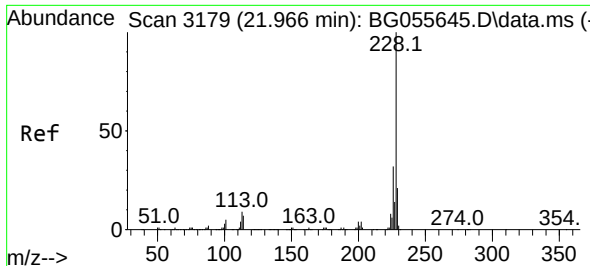


#82
3,3'-Dichlorobenzidine
Concen: 34.450 ng
RT: 21.768 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



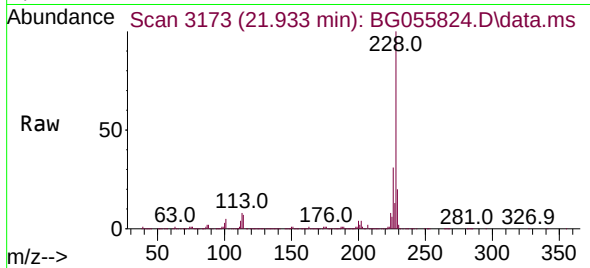
Tgt Ion:252 Resp: 267425
Ion Ratio Lower Upper
252 100
254 66.7 53.0 79.6
126 7.7 6.7 10.1





#83
Chrysene
Concen: 36.789 ng
RT: 21.933 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

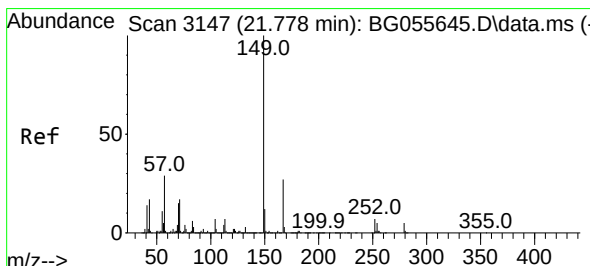
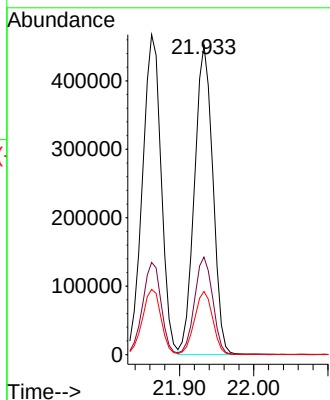
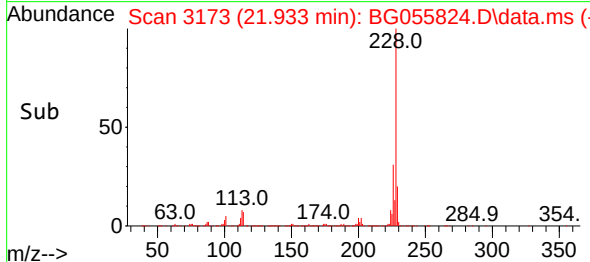
Instrument :
BNA_G
ClientSampleId :
PB149290BS



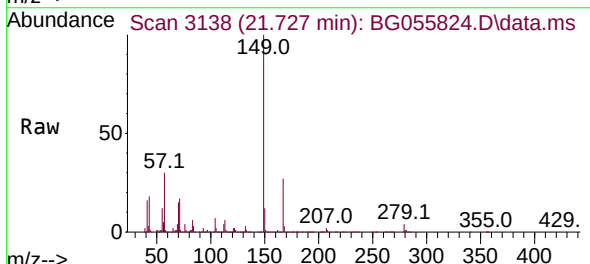
Tgt Ion:228 Resp: 773724
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.2
229 20.4 17.1 25.7

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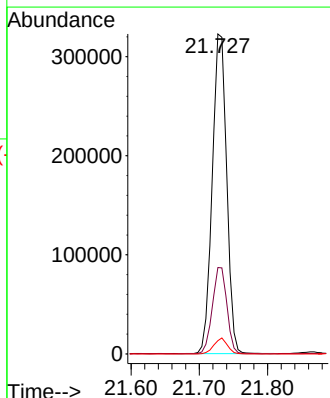
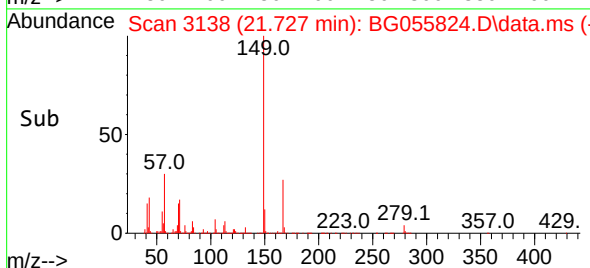
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

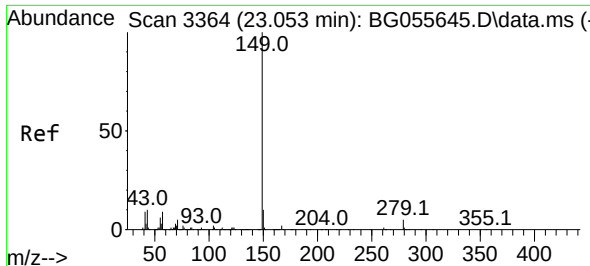


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.678 ng
RT: 21.727 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



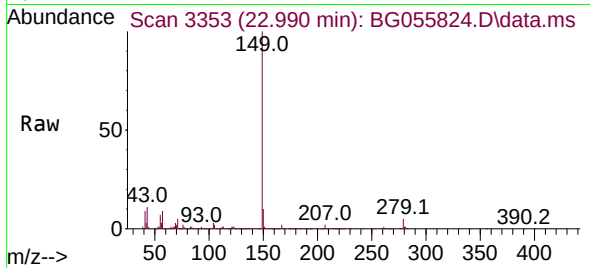
Tgt Ion:149 Resp: 472434
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 38.409 ng
RT: 22.990 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

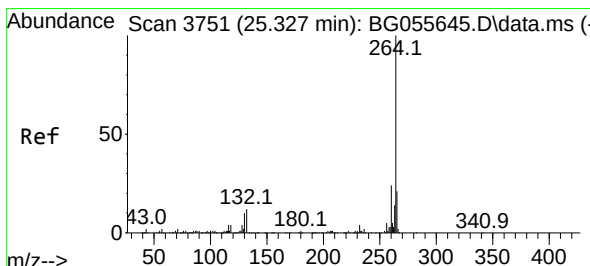
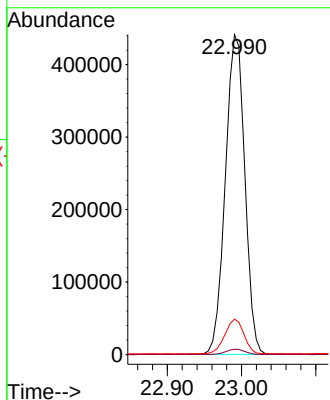
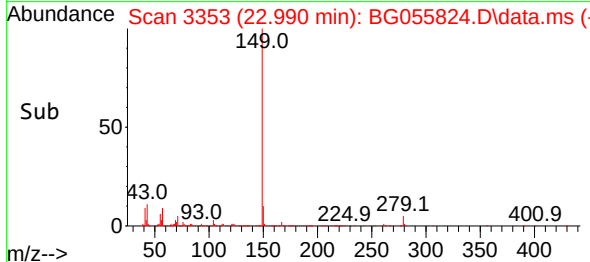
Instrument :
BNA_G
ClientSampleId :
PB149290BS



Tgt Ion:149 Resp: 802873
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 8.4 12.6

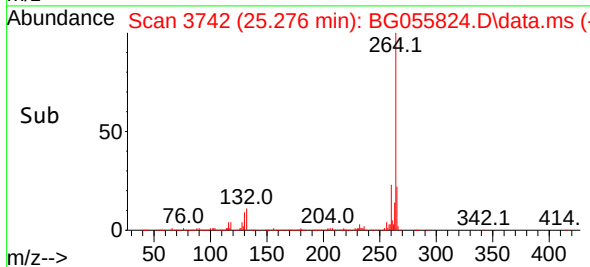
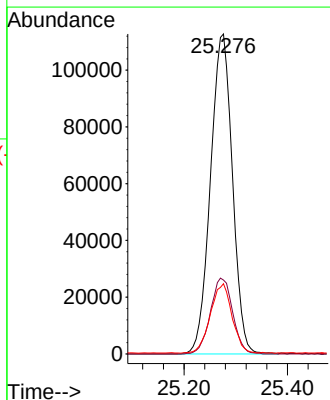
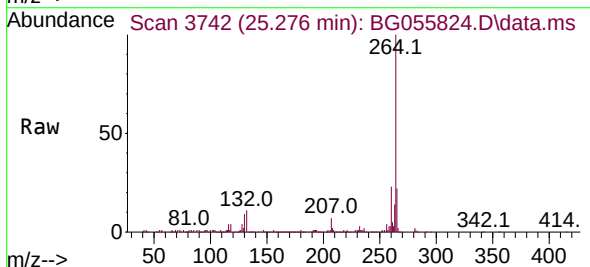
Manual Integrations
APPROVED

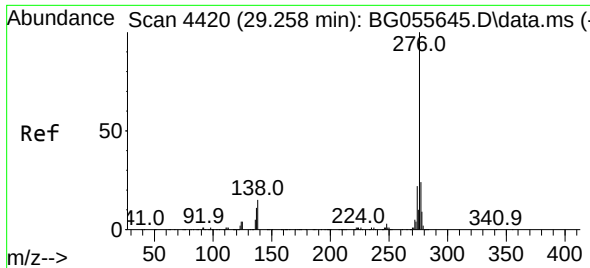
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.276 min Scan# 3742
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

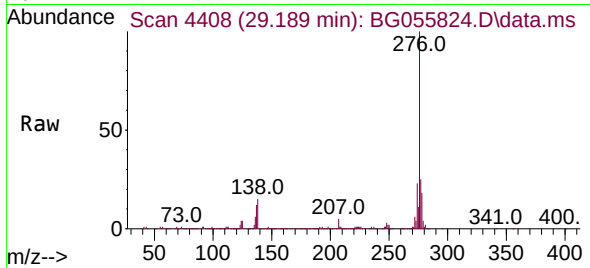
Tgt Ion:264 Resp: 332977
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.9 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.881 ng
RT: 29.189 min Scan# 4420
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

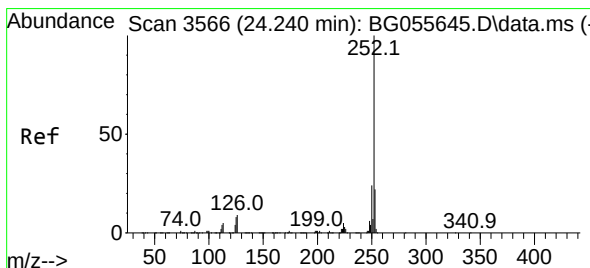
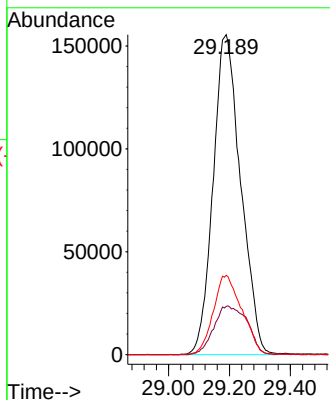
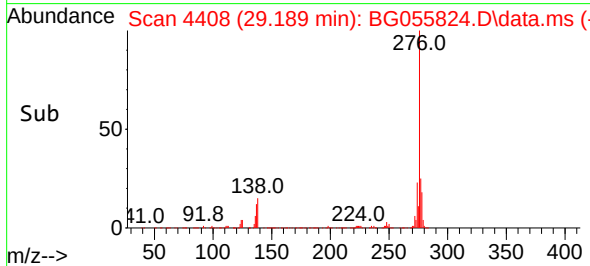
Instrument :
BNA_G
ClientSampleId :
PB149290BS



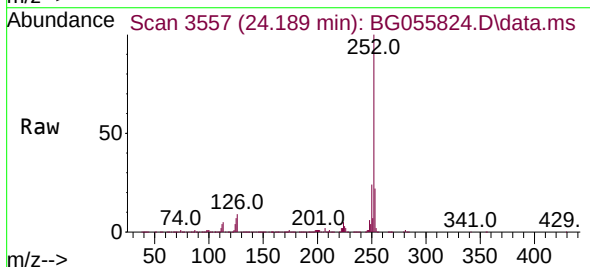
Tgt Ion:276 Resp: 978776
Ion Ratio Lower Upper
276 100
138 18.4 10.4 15.6
277 25.7 20.2 30.4

Manual Integrations
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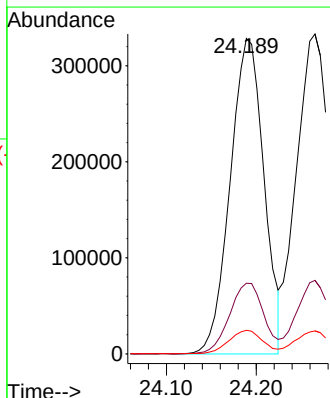
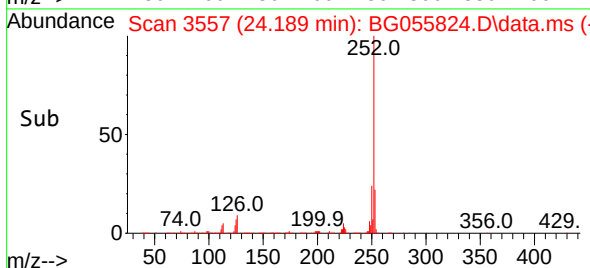
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

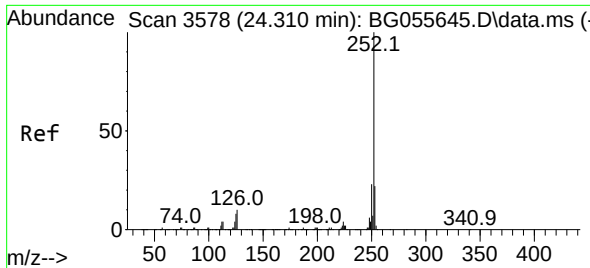


#88
Benzo(b)fluoranthene
Concen: 39.597 ng
RT: 24.189 min Scan# 3557
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:252 Resp: 858667
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.5 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 39.519 ng
RT: 24.265 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

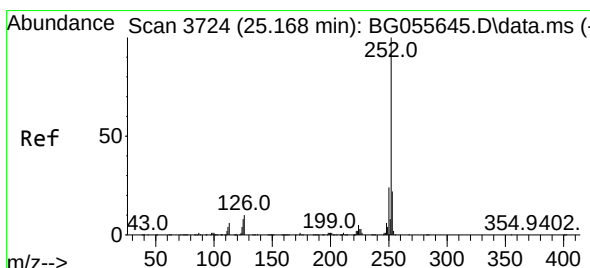
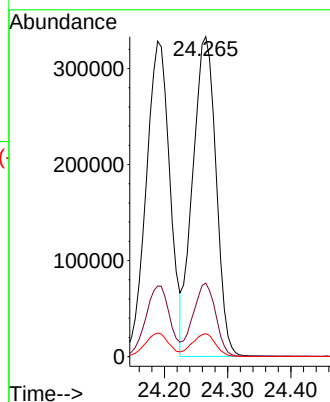
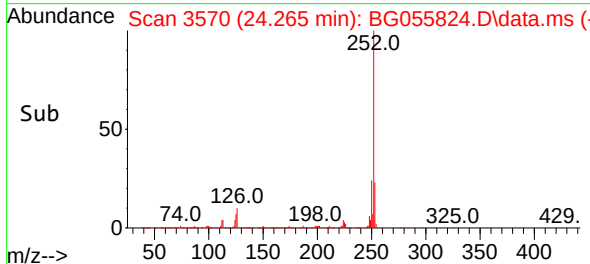
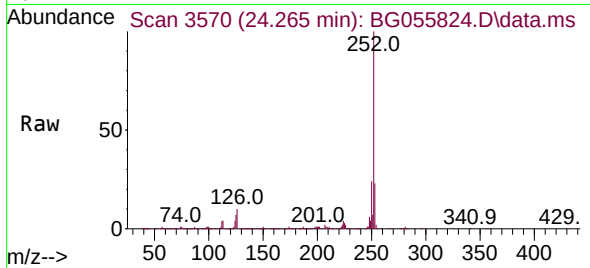
ClientSampleId :

PB149290BS

Tgt Ion:252 Resp: 85425
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 7.2 6.1 9.1

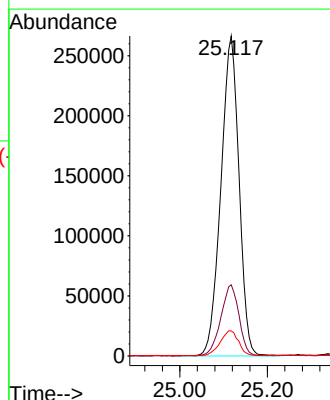
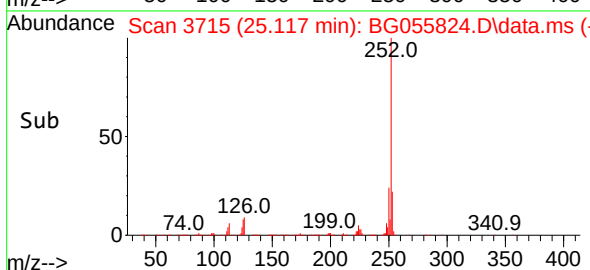
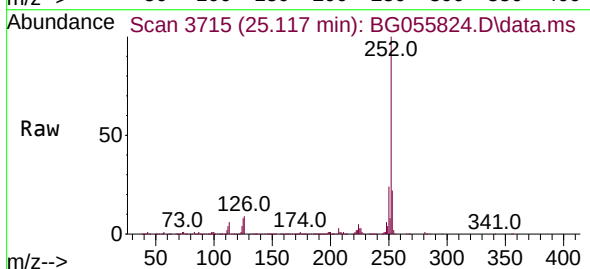
Manual Integrations
APPROVED

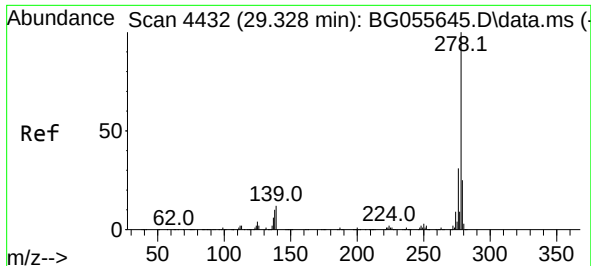
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#90
Benzo(a)pyrene
Concen: 41.244 ng
RT: 25.117 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Tgt Ion:252 Resp: 767501
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.8 6.4 9.6





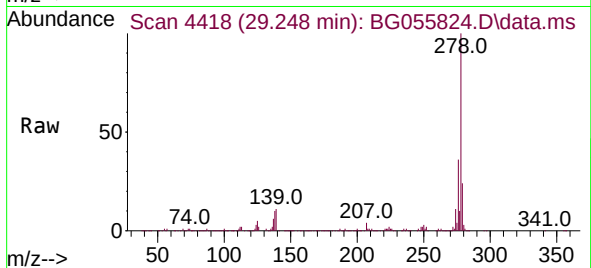
#91
Dibenzo(a,h)anthracene
Concen: 37.709 ng
RT: 29.248 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB149290BS

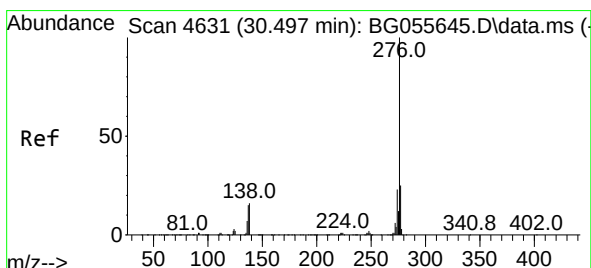
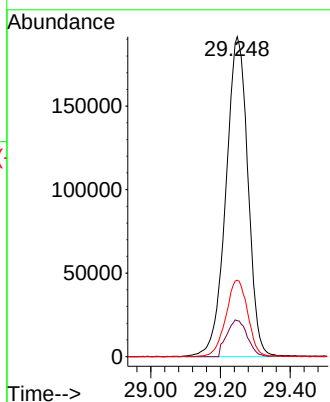
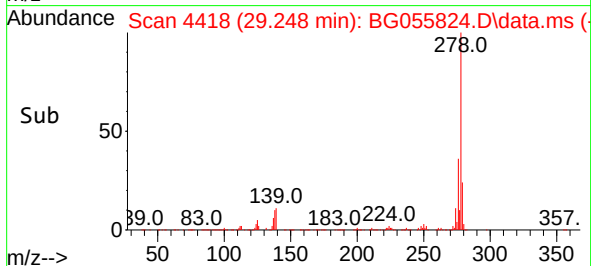


Tgt Ion:278 Resp: 840576
Ion Ratio Lower Upper
278 100
139 11.2 9.8 14.8
279 23.9 19.8 29.6

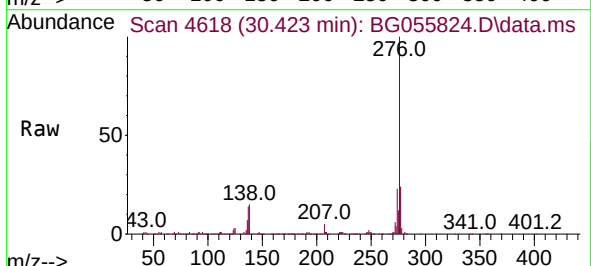
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#92
Benzo(g,h,i)perylene
Concen: 36.533 ng
RT: 30.423 min Scan# 4618
Delta R.T. 0.006 min
Lab File: BG055824.D
Acq: 29 Nov 2022 11:36



Tgt Ion:276 Resp: 820785
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.6
138 15.2 13.1 19.7

