

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092222\
 Data File : BG055009.D
 Acq On : 22 Sep 2022 15:16
 Operator : CG/JU
 Sample : PB147786BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147786BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 23 03:26:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	35859	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	146480	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	102720	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	241297	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	237041	20.000	ng	0.00
86) Perylene-d12	25.038	264	256032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	295031	160.987	ng	0.00
7) Phenol-d6	7.218	99	377900	153.841	ng	0.00
23) Nitrobenzene-d5	9.233	82	213835	84.614	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	175161	145.560	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	576805	88.496	ng	0.00
79) Terphenyl-d14	20.050	244	1041404	91.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	30326	34.061	ng	88
3) Pyridine	3.816	79	82393	34.056	ng	# 83
4) n-Nitrosodimethylamine	3.734	42	37924	42.962	ng	83
6) Aniline	7.376	93	137833	44.863	ng	94
8) 2-Chlorophenol	7.617	128	110964	51.402	ng	93
9) Benzaldehyde	7.188	77	62213m	39.755	ng	
10) Phenol	7.247	94	132817	49.894	ng	92
11) bis(2-Chloroethyl)ether	7.465	93	96438	45.806	ng	91
12) 1,3-Dichlorobenzene	7.941	146	117296	46.583	ng	97
13) 1,4-Dichlorobenzene	8.093	146	118662	46.240	ng	97
14) 1,2-Dichlorobenzene	8.411	146	115494	47.765	ng	98
15) Benzyl Alcohol	8.299	79	87535m	48.724	ng	
16) 2,2'-oxybis(1-Chloropr...	8.581	45	108110	41.898	ng	91
17) 2-Methylphenol	8.505	107	91497	48.760	ng	98
18) Hexachloroethane	9.145	117	40540	45.962	ng	96
19) n-Nitroso-di-n-propyla...	8.863	70	74193	43.883	ng	# 89
20) 3+4-Methylphenols	8.839	107	126498	48.192	ng	96
22) Acetophenone	8.886	105	156528	45.214	ng	# 94
24) Nitrobenzene	9.280	77	108456	42.833	ng	91
25) Isophorone	9.797	82	212044	44.192	ng	95
26) 2-Nitrophenol	9.991	139	61656	46.248	ng	95
27) 2,4-Dimethylphenol	10.044	122	103824	55.165	ng	94
28) bis(2-Chloroethoxy)met...	10.273	93	129819	48.037	ng	99
29) 2,4-Dichlorophenol	10.537	162	108504	48.295	ng	97
30) 1,2,4-Trichlorobenzene	10.743	180	114660	44.285	ng	99
31) Naphthalene	10.937	128	330761	43.185	ng	99
32) Benzoic acid	10.408	122	7538m	14.708	ng	
33) 4-Chloroaniline	11.049	127	102106	32.714	ng	94
34) Hexachlorobutadiene	11.201	225	75652	43.996	ng	98
35) Caprolactam	11.824	113	36858m	45.022	ng	
36) 4-Chloro-3-methylphenol	12.171	107	110400	46.011	ng	98
37) 2-Methylnaphthalene	12.535	142	237097	43.452	ng	98
38) 1-Methylnaphthalene	12.753	142	227765	42.679	ng	99
40) 1,2,4,5-Tetrachloroben...	12.899	216	141694	47.173	ng	98
41) Hexachlorocyclopentadiene	12.876	237	48243	165.132	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	77578	44.951	ng	99

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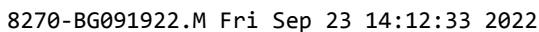
Quant Time: Sep 23 03:26:54 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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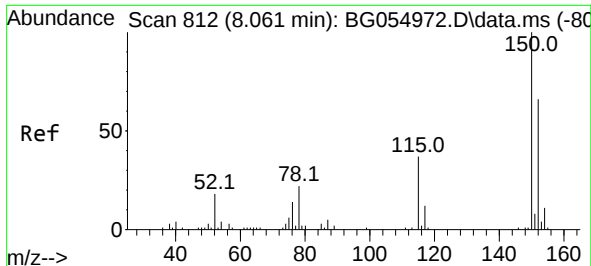
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	87853	44.335	ng	96
46) 1,1'-Biphenyl	13.540	154	324831	46.869	ng	97
47) 2-Chloronaphthalene	13.587	162	242627	44.781	ng	98
48) 2-Nitroaniline	13.792	65	66992	42.136	ng	85
49) Acenaphthylene	14.433	152	401489	43.850	ng	99
50) Dimethylphthalate	14.151	163	337353	43.371	ng	99
51) 2,6-Dinitrotoluene	14.280	165	73914	44.694	ng	# 83
52) Acenaphthene	14.768	154	258828m	45.881	ng	
53) 3-Nitroaniline	14.615	138	61767	34.427	ng	89
54) 2,4-Dinitrophenol	14.838	184	36209	66.213	ng	97
55) Dibenzofuran	15.103	168	388854	43.877	ng	98
56) 4-Nitrophenol	14.938	139	85183	76.328	ng	87
57) 2,4-Dinitrotoluene	15.073	165	106146	45.124	ng	# 80
58) Fluorene	15.749	166	325837	43.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.332	232	68274	37.621	ng	97
60) Diethylphthalate	15.508	149	331743	42.718	ng	97
61) 4-Chlorophenyl-phenylether	15.737	204	170238	44.791	ng	96
62) 4-Nitroaniline	15.778	138	77557	41.507	ng	94
63) Azobenzene	16.031	77	268022	42.197	ng	91
65) 4,6-Dinitro-2-methylph...	15.843	198	44825	37.677	ng	89
66) n-Nitrosodiphenylamine	15.955	169	296241	45.918	ng	99
67) 4-Bromophenyl-phenylether	16.630	248	122050	45.864	ng	95
68) Hexachlorobenzene	16.754	284	138857	45.425	ng	# 93
69) Atrazine	16.895	200	120109	49.050	ng	99
70) Pentachlorophenol	17.112	266	45296	60.671	ng	98
71) Phenanthrene	17.494	178	539341	43.889	ng	99
72) Anthracene	17.588	178	544240	45.399	ng	99
73) Carbazole	17.858	167	502064	45.741	ng	99
74) Di-n-butylphthalate	18.393	149	591685	43.462	ng	99
75) Fluoranthene	19.503	202	671076	43.116	ng	98
77) Benzidine	19.680	184	396790	67.563	ng	99
78) Pyrene	19.868	202	680693	43.682	ng	99
80) Butylbenzylphthalate	20.731	149	265687	43.879	ng	90
81) Benzo(a)anthracene	21.707	228	673057	44.149	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	207597	39.255	ng	97
83) Chrysene	21.777	228	629955	43.166	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	396321	45.633	ng	98
85) Di-n-octyl phthalate	22.811	149	665237	44.302	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.857	276	820831	43.124	ng	# 95
88) Benzo(b)fluoranthene	23.981	252	730632	48.382	ng	99
89) Benzo(k)fluoranthene	24.051	252	702857	46.103	ng	97
90) Benzo(a)pyrene	24.879	252	635383	48.863	ng	97
91) Dibenzo(a,h)anthracene	28.910	278	711285	45.396	ng	98
92) Benzo(g,h,i)perylene	30.056	276	711973	45.073	ng	96

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

Manual Integrations

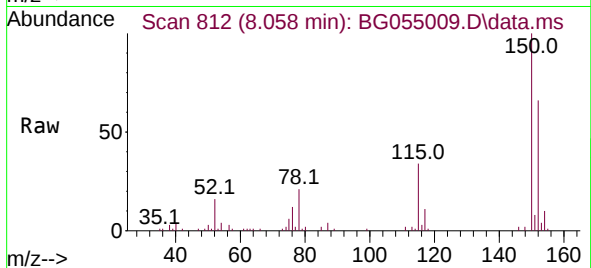
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

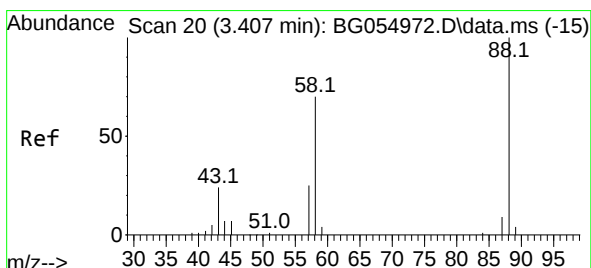
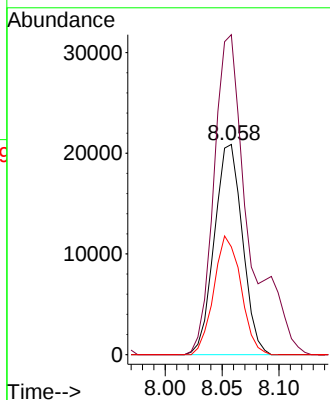
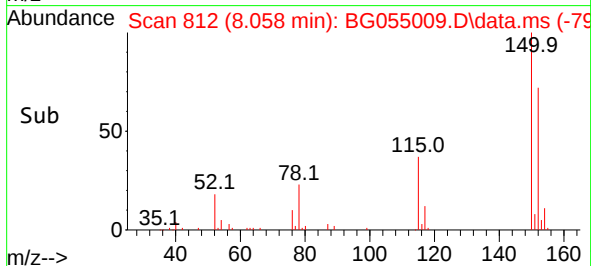
Instrument :
BNA_G
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PB147786BS



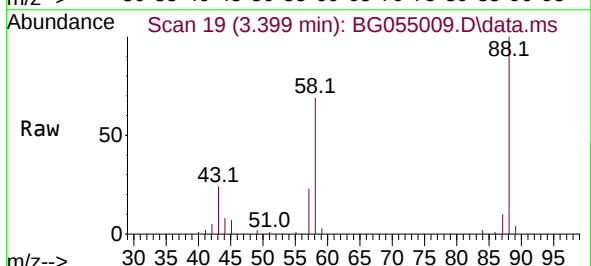
Tgt Ion:152 Resp: 35859
Ion Ratio Lower Upper
152 100
150 152.3 125.2 187.8
115 51.3 47.9 71.9

Manual Integrations
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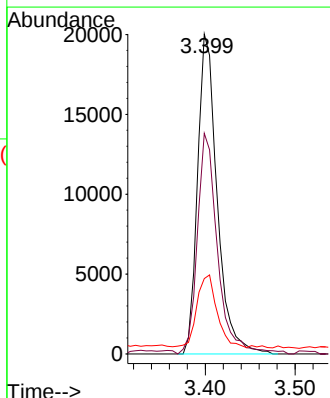
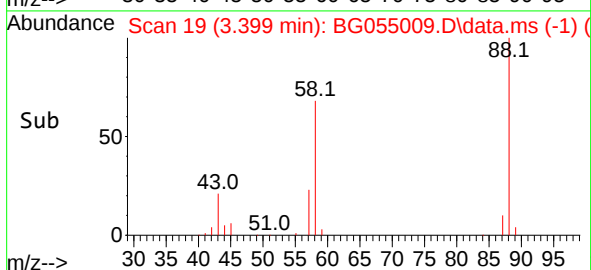
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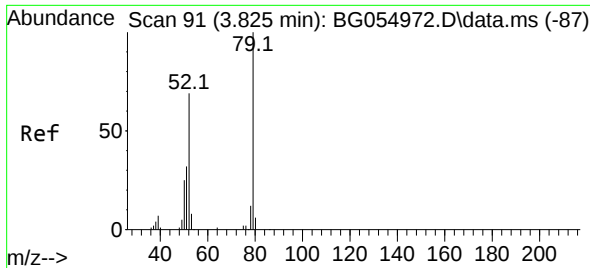


#2
1,4-Dioxane
Concen: 34.061 ng
RT: 3.399 min Scan# 19
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion: 88 Resp: 30326
Ion Ratio Lower Upper
88 100
58 71.1 65.9 98.9
43 23.3 22.7 34.1





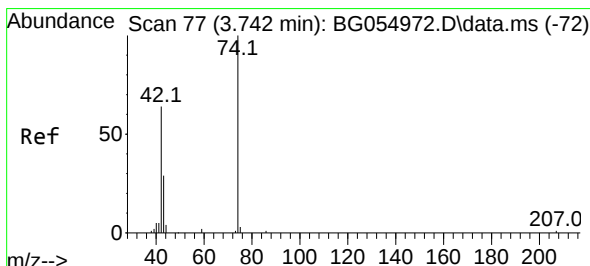
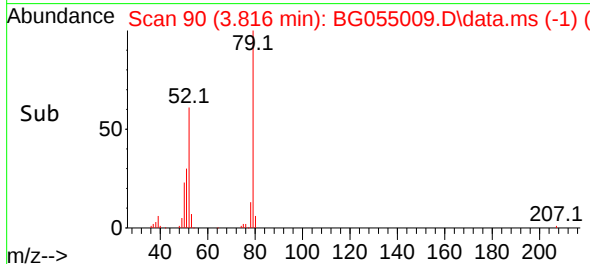
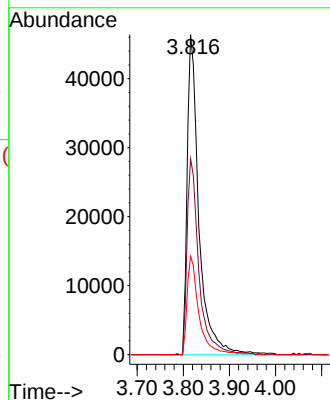
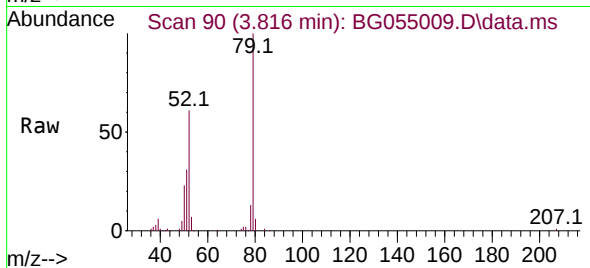
#3
Pyridine
Concen: 34.056 ng
RT: 3.816 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

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ClientSampleId :
PB147786BS

Tgt Ion: 79 Resp: 82393
Ion Ratio Lower Upper
79 100
52 61.2 61.4 92.0
51 30.7 31.4 47.0

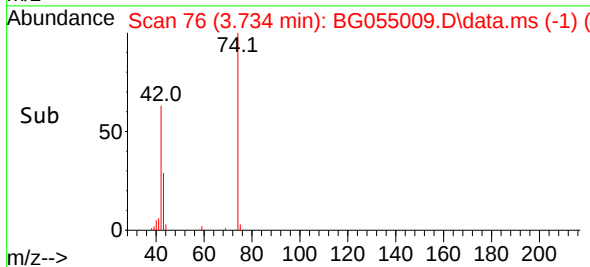
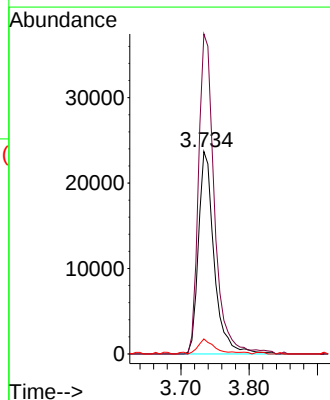
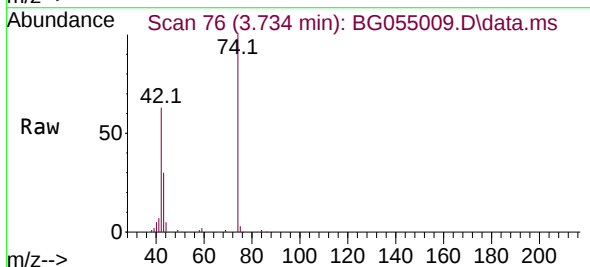
Manual Integrations
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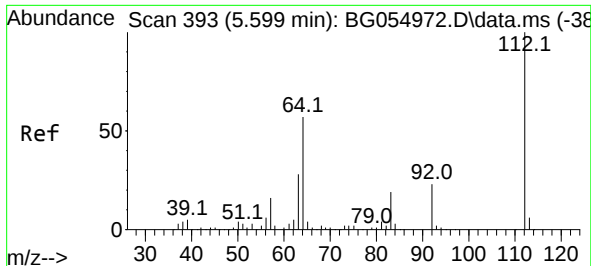
Reviewed By :Christian Giraldo 09/23/2022
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#4
n-Nitrosodimethylamine
Concen: 42.962 ng
RT: 3.734 min Scan# 76
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

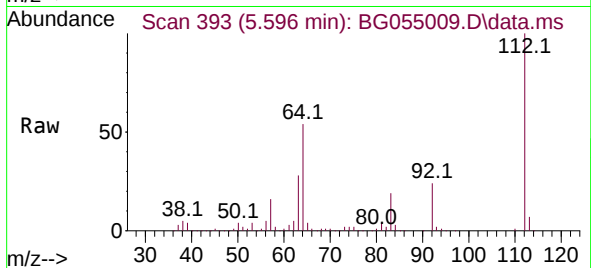
Tgt Ion: 42 Resp: 37924
Ion Ratio Lower Upper
42 100
74 158.1 109.6 164.4
44 7.4 5.5 8.3





#5
2-Fluorophenol
Concen: 160.987 ng
RT: 5.596 min Scan# 393
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

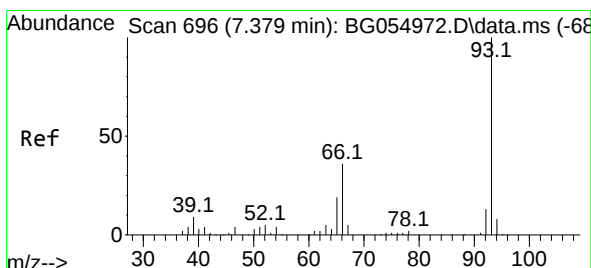
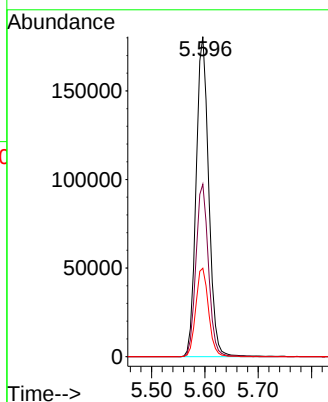
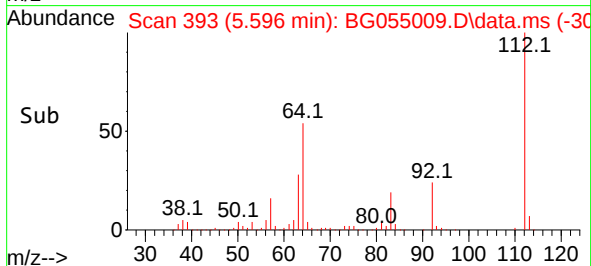
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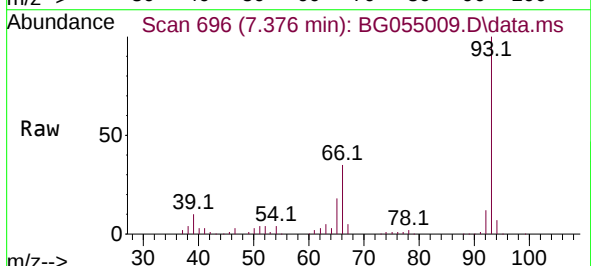
Tgt Ion: 112 Resp: 295031
Ion Ratio Lower Upper
112 100
64 53.9 49.3 73.9
63 27.6 26.3 39.5

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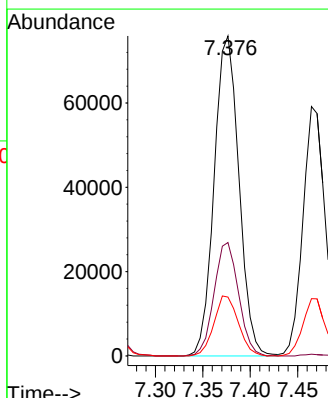
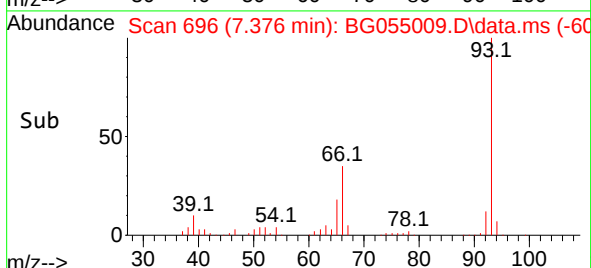
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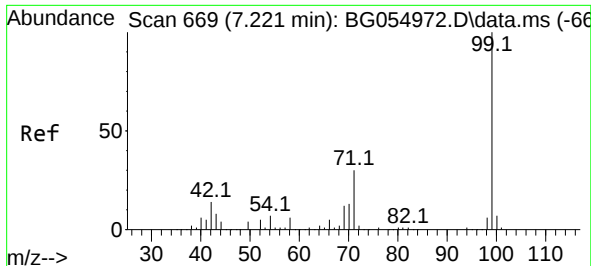


#6
Aniline
Concen: 44.863 ng
RT: 7.376 min Scan# 696
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



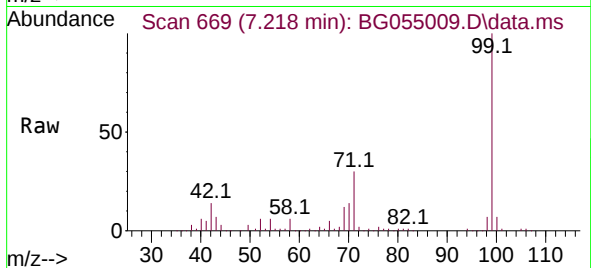
Tgt Ion: 93 Resp: 137833
Ion Ratio Lower Upper
93 100
66 35.4 31.8 47.8
65 18.4 16.6 25.0





#7
Phenol-d6
Concen: 153.841 ng
RT: 7.218 min Scan# 669
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

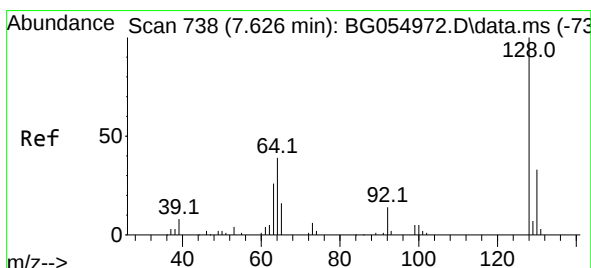
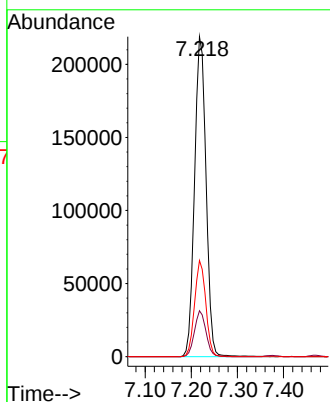
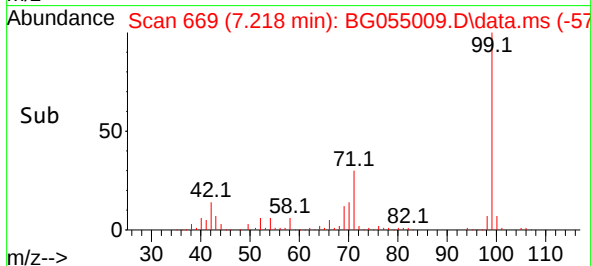
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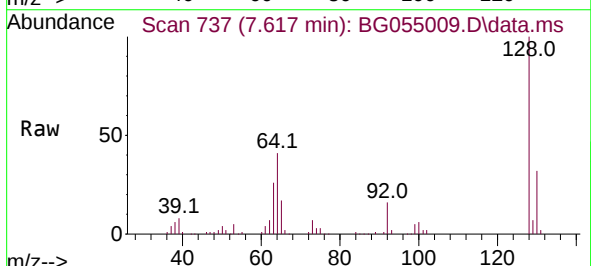
Tgt Ion: 99 Resp: 377900
Ion Ratio Lower Upper
99 100
42 14.3 14.6 22.0
71 30.0 24.6 37.0

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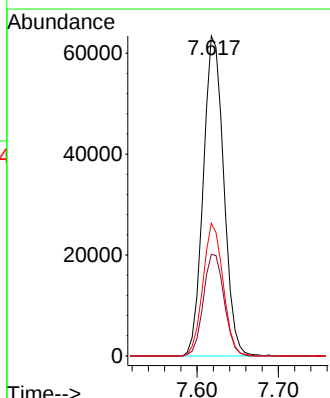
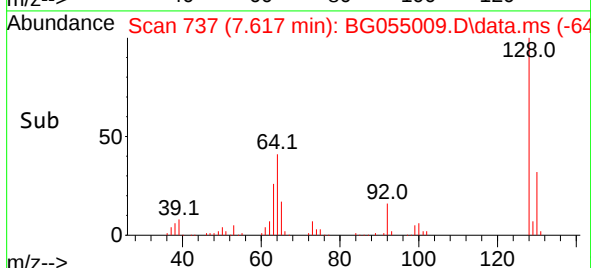
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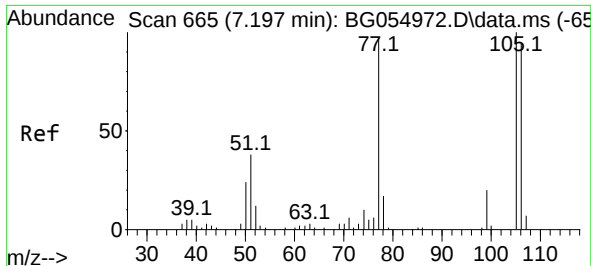


#8
2-Chlorophenol
Concen: 51.402 ng
RT: 7.617 min Scan# 737
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:128 Resp: 110964
Ion Ratio Lower Upper
128 100
130 31.7 12.5 52.5
64 41.4 28.6 68.6





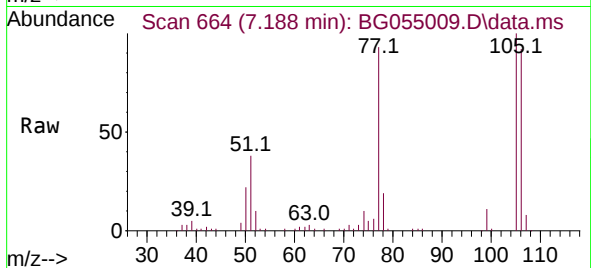
#9
Benzaldehyde
Concen: 39.755 ng m
RT: 7.188 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

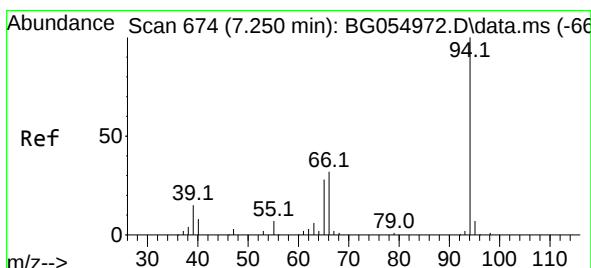
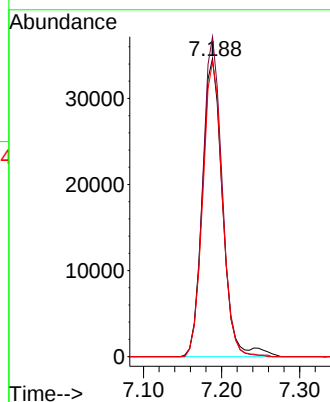
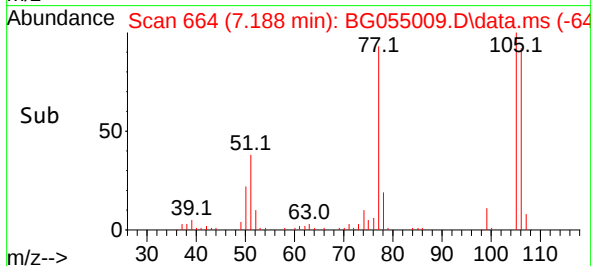


Tgt Ion: 77 Resp: 62213
Ion Ratio Lower Upper
77 100
105 107.3 75.3 115.3
106 98.9 70.2 110.2

Manual Integrations

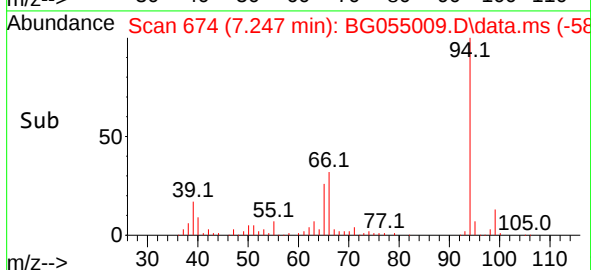
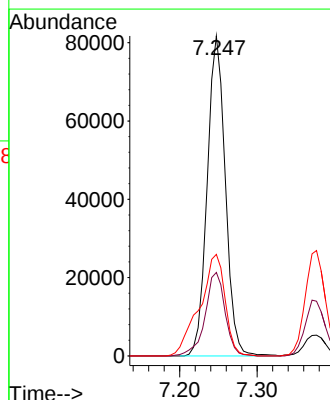
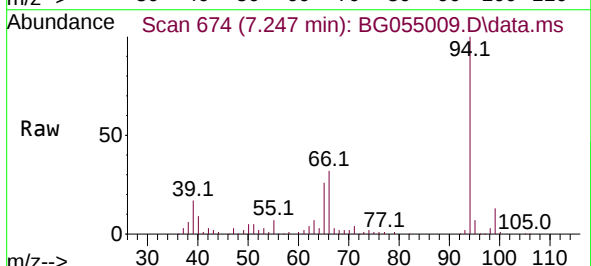
APPROVED

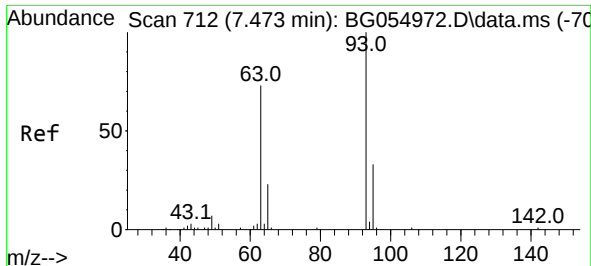
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#10
Phenol
Concen: 49.894 ng
RT: 7.247 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion: 94 Resp: 132817
Ion Ratio Lower Upper
94 100
65 26.1 9.9 49.9
66 31.7 16.4 56.4





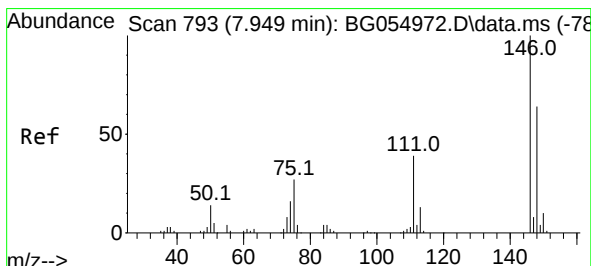
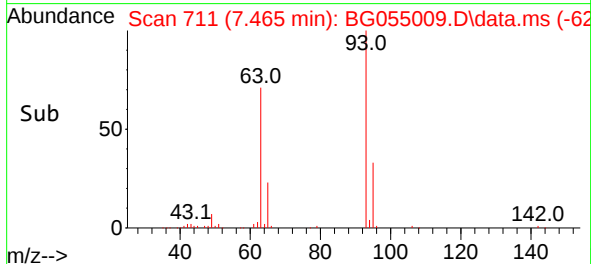
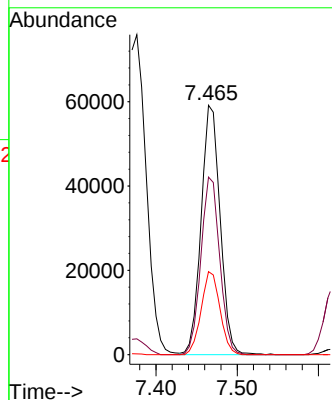
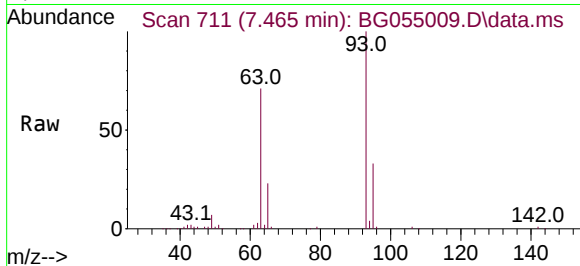
#11
bis(2-Chloroethyl)ether
Concen: 45.806 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :
BNA_G
ClientSampleId :
PB147786BS

Tgt Ion: 93 Resp: 96438
Ion Ratio Lower Upper
93 100
63 71.2 62.1 102.1
95 33.2 12.1 52.1

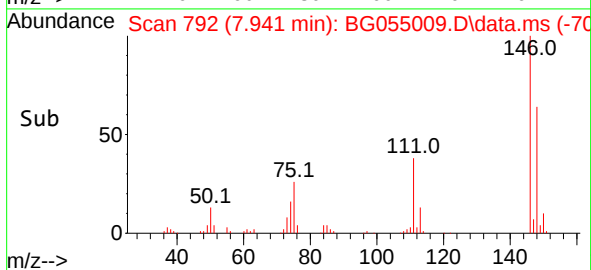
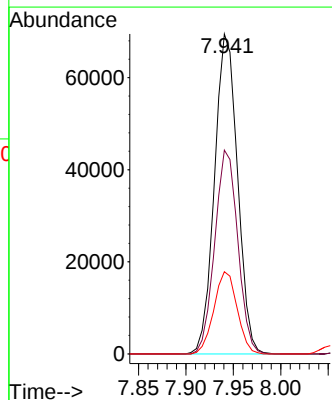
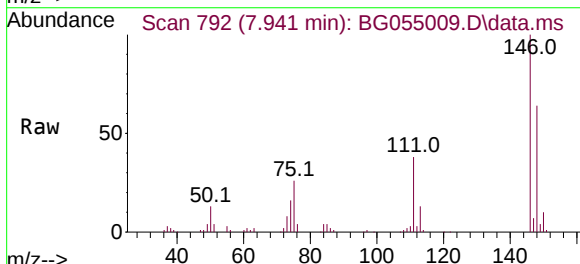
Manual Integrations
APPROVED

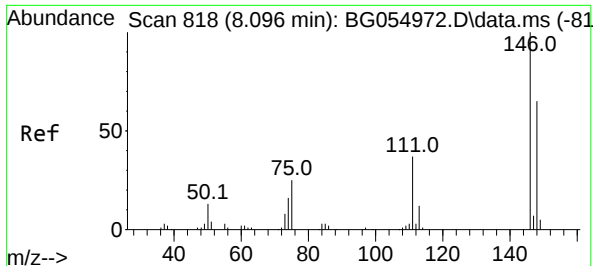
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#12
1,3-Dichlorobenzene
Concen: 46.583 ng
RT: 7.941 min Scan# 792
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:146 Resp: 117296
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 25.7 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 46.240 ng

RT: 8.093 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

Tgt Ion:146 Resp: 118662

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

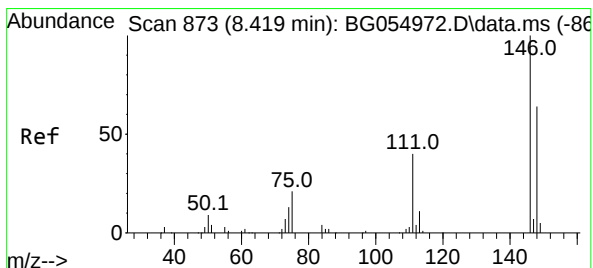
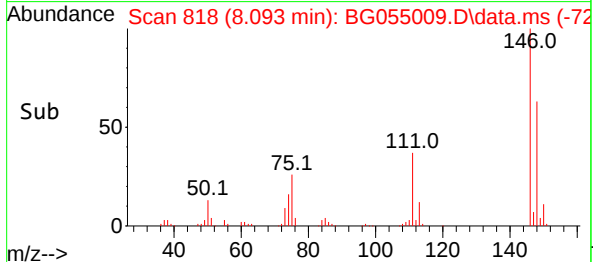
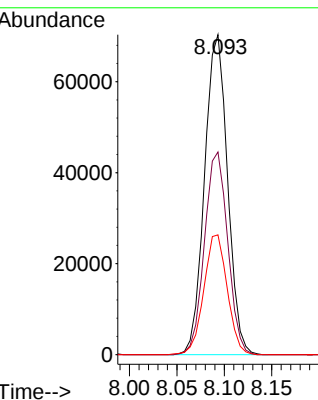
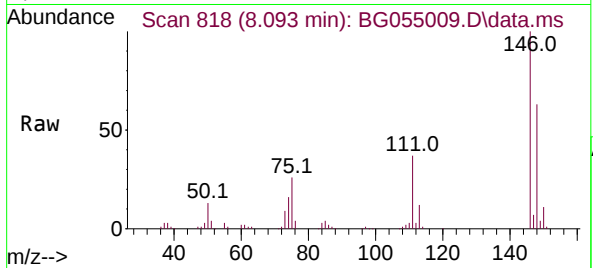
111 37.4 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#14

1,2-Dichlorobenzene

Concen: 47.765 ng

RT: 8.411 min Scan# 872

Delta R.T. -0.009 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

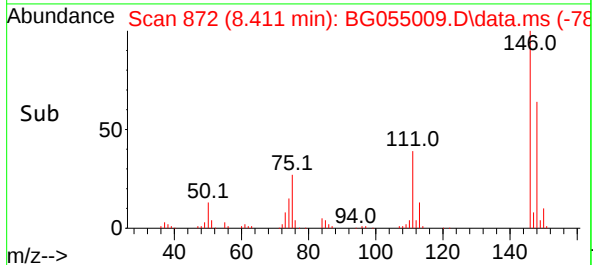
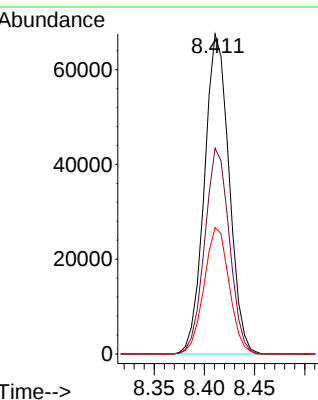
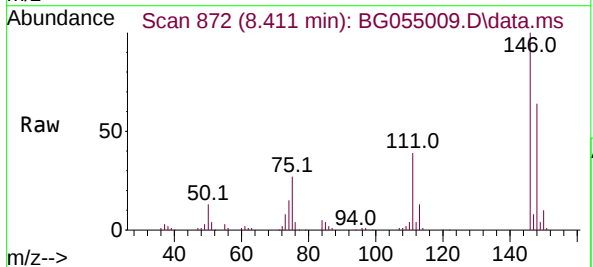
Tgt Ion:146 Resp: 115494

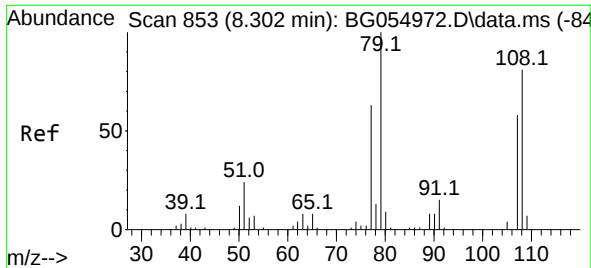
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

111 39.5 34.3 51.5





#15
Benzyl Alcohol
Concen: 48.724 ng m
RT: 8.299 min Scan# 853
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

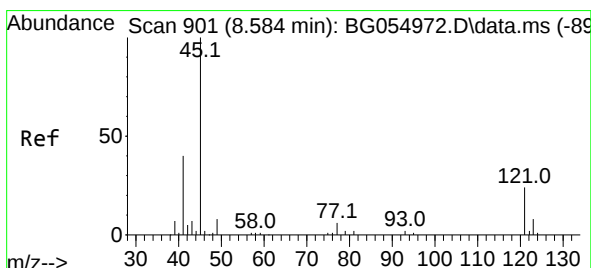
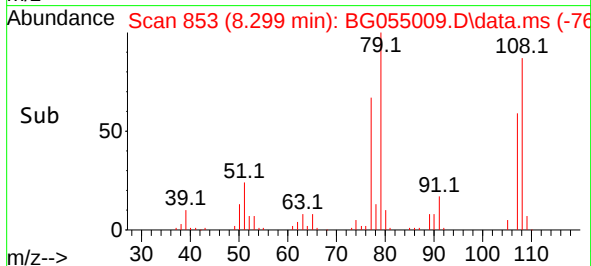
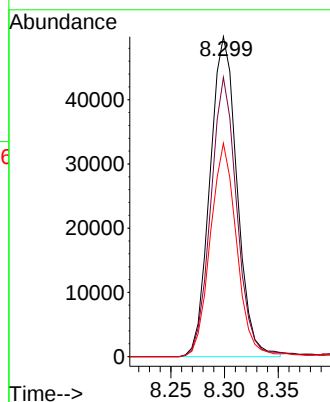
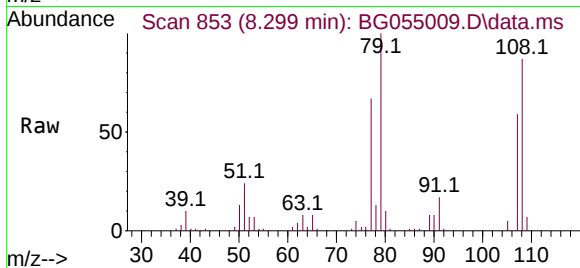
PB147786BS

Tgt Ion: 79 Resp: 87535
Ion Ratio Lower Upper
79 100
108 87.3 63.4 95.0
77 66.7 55.0 82.4

Manual Integrations

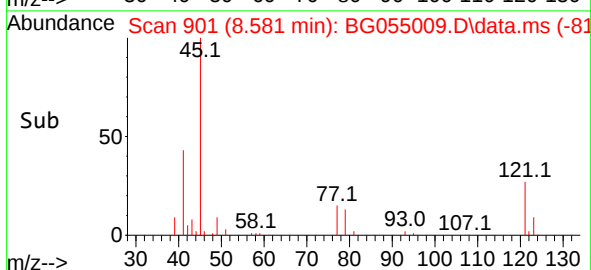
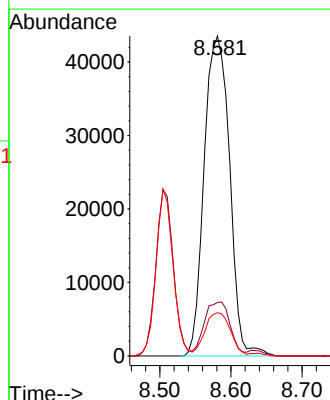
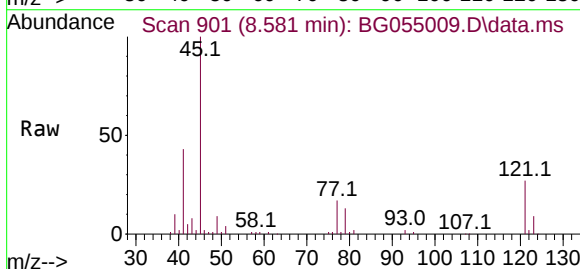
APPROVED

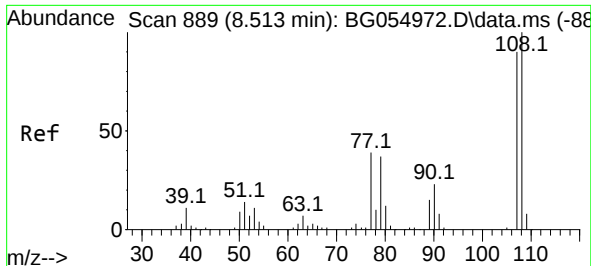
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.898 ng
RT: 8.581 min Scan# 901
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion: 45 Resp: 108110
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.8
79 13.5 0.0 30.4





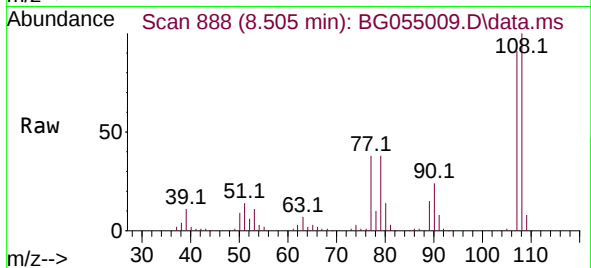
#17
2-Methylphenol
Concen: 48.760 ng
RT: 8.505 min Scan# 889
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

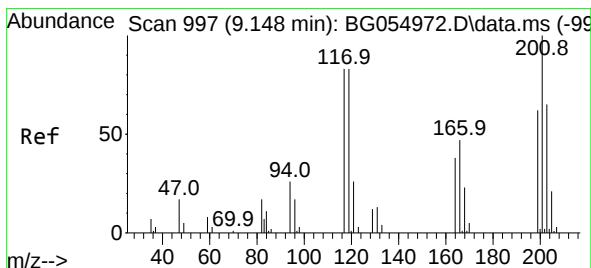
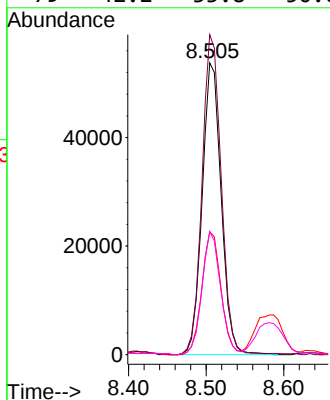
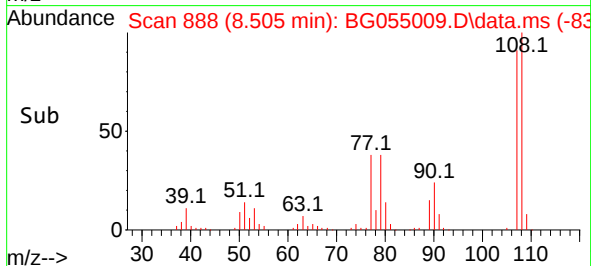


Tgt Ion:107 Resp: 91497
Ion Ratio Lower Upper
107 100
108 109.7 85.6 128.4
77 42.1 35.8 53.8
79 42.2 33.8 50.6

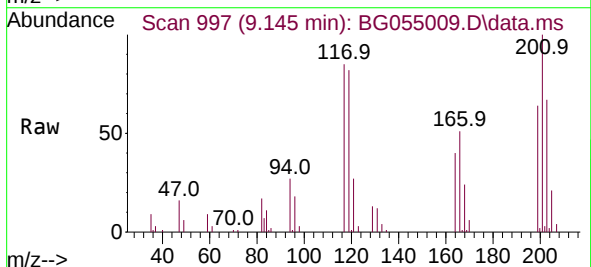
Manual Integrations

APPROVED

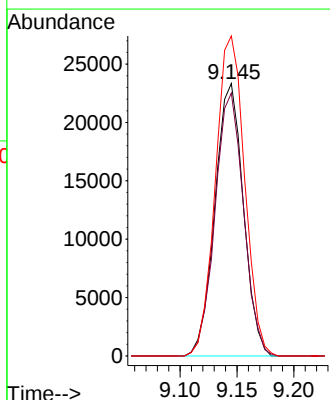
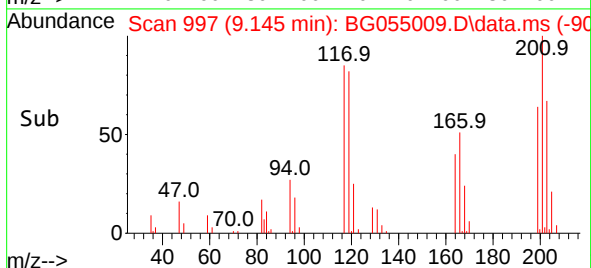
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

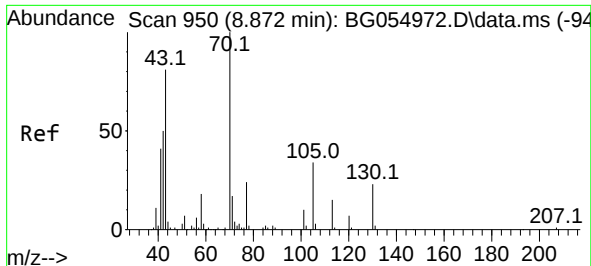


#18
Hexachloroethane
Concen: 45.962 ng
RT: 9.145 min Scan# 997
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:117 Resp: 40540
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6
201 117.5 87.2 130.8





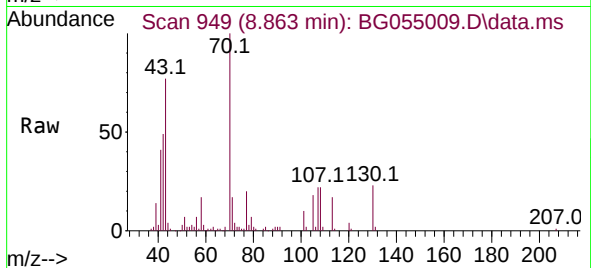
#19
n-Nitroso-di-n-propylamine
Concen: 43.883 ng
RT: 8.863 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

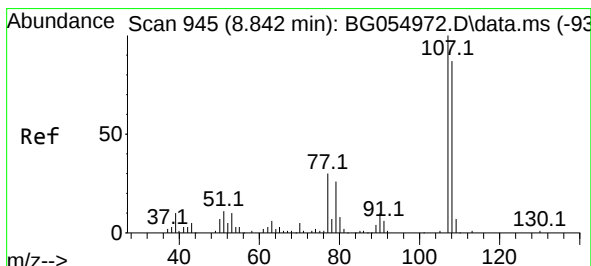
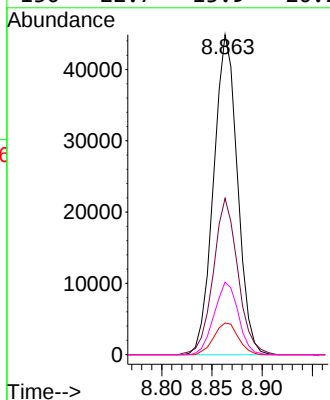
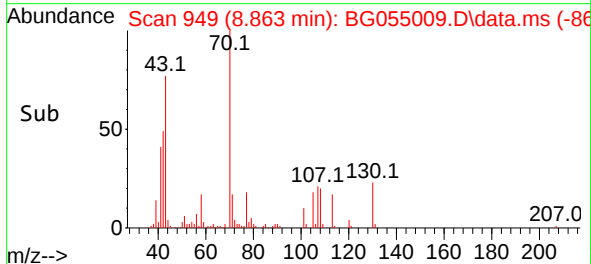


Tgt Ion: 70 Resp: 74193
Ion Ratio Lower Upper
70 100
42 48.8 46.6 69.8
101 9.9 7.7 11.5
130 22.7 13.9 20.9#

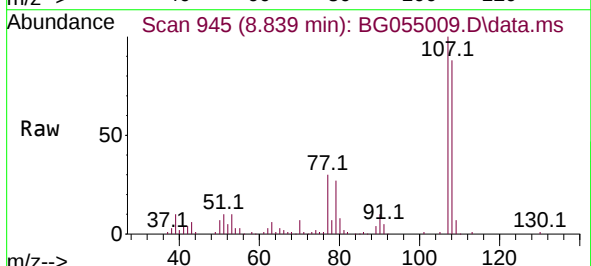
Manual Integrations

APPROVED

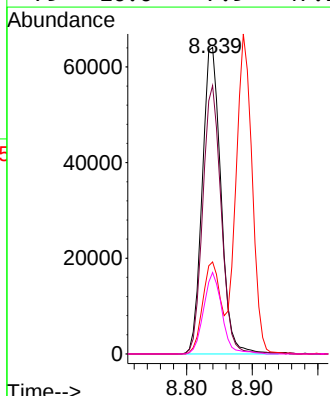
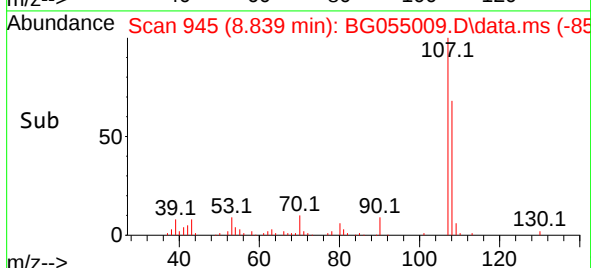
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

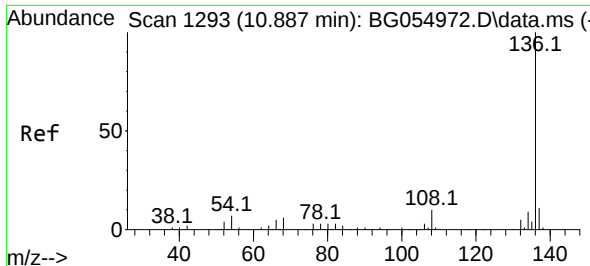


#20
3+4-Methylphenols
Concen: 48.192 ng
RT: 8.839 min Scan# 945
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:107 Resp: 126498
Ion Ratio Lower Upper
107 100
108 87.5 71.6 111.6
77 30.0 13.1 53.1
79 26.6 7.9 47.9





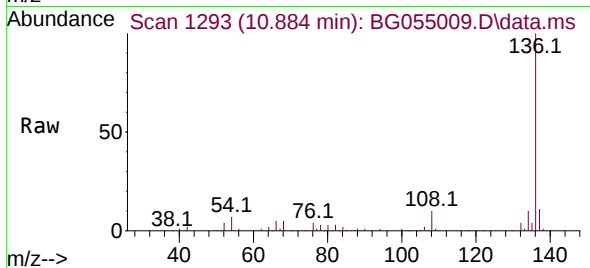
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

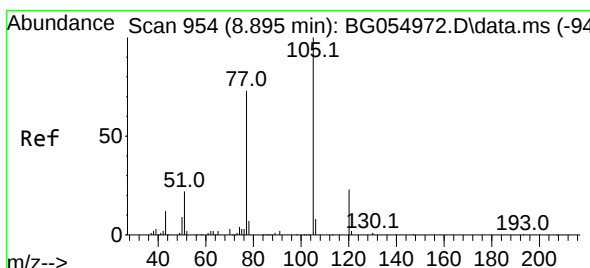
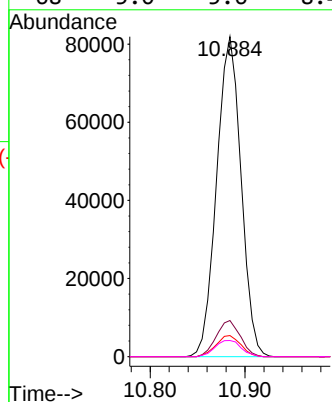
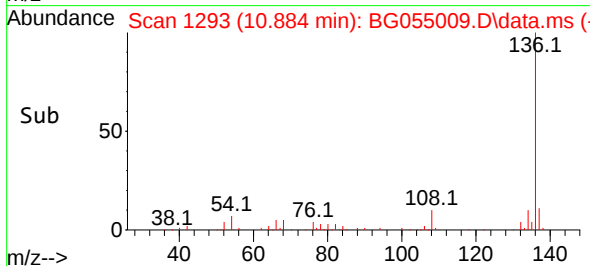


Tgt Ion:136 Resp: 146480
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.6 7.7 11.5
68 5.0 5.6 8.4#

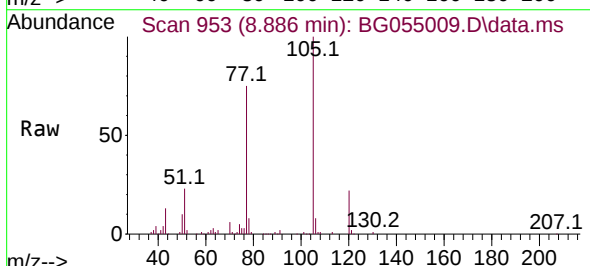
Manual Integrations

APPROVED

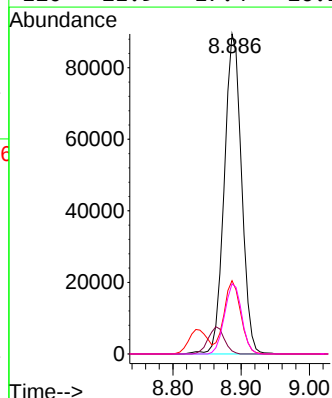
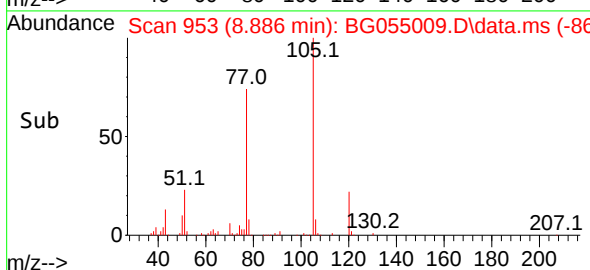
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

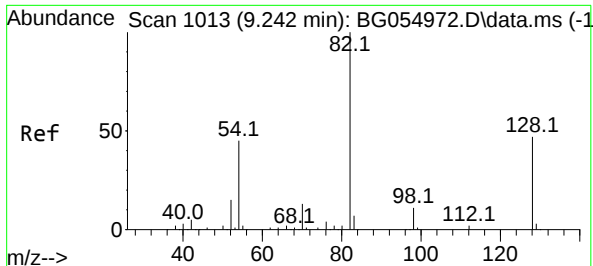


#22
Acetophenone
Concen: 45.214 ng
RT: 8.886 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:105 Resp: 156528
Ion Ratio Lower Upper
105 100
71 0.9 1.2 1.8#
51 22.9 22.9 34.3
120 21.9 17.4 26.2





#23
Nitrobenzene-d5
Concen: 84.614 ng
RT: 9.233 min Scan# 1013
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

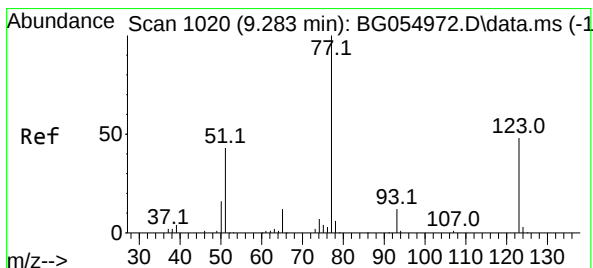
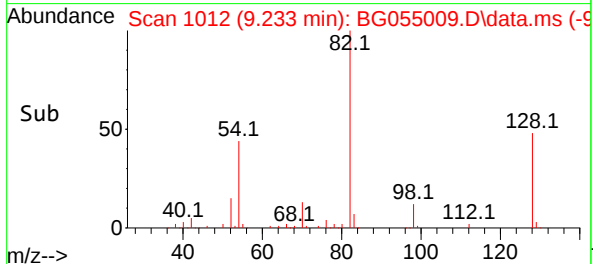
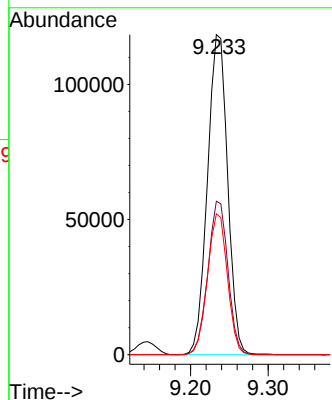
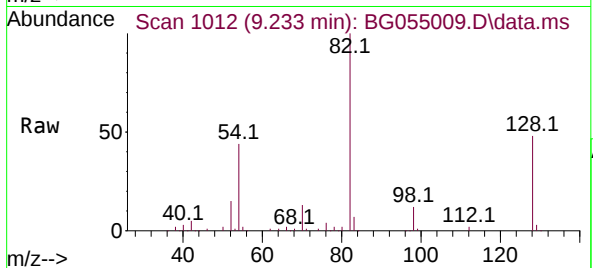
PB147786BS

Tgt Ion: 82 Resp: 213835
Ion Ratio Lower Upper
82 100
128 47.9 32.2 48.2
54 44.0 41.4 62.0

Manual Integrations

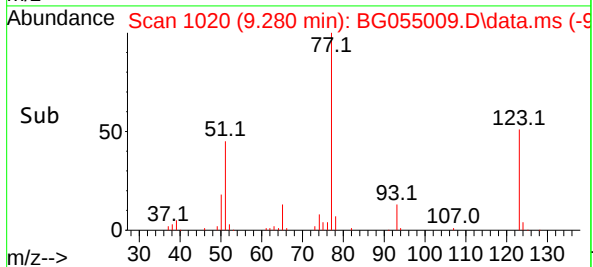
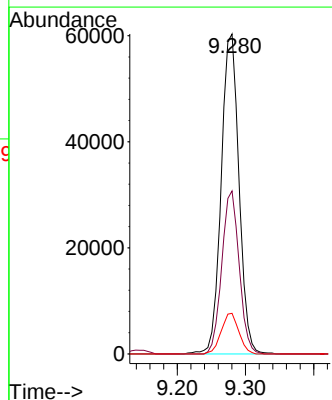
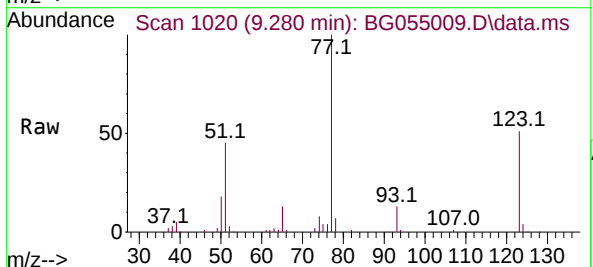
APPROVED

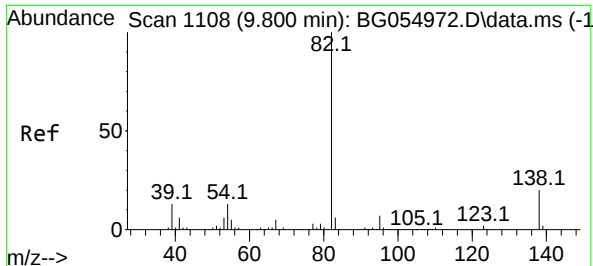
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#24
Nitrobenzene
Concen: 42.833 ng
RT: 9.280 min Scan# 1020
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion: 77 Resp: 108456
Ion Ratio Lower Upper
77 100
123 50.9 35.0 52.6
65 12.7 10.2 15.2





#25
Isophorone
Concen: 44.192 ng
RT: 9.797 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

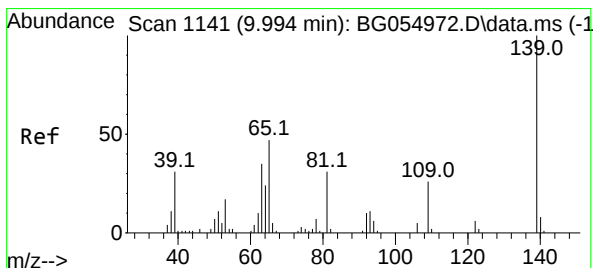
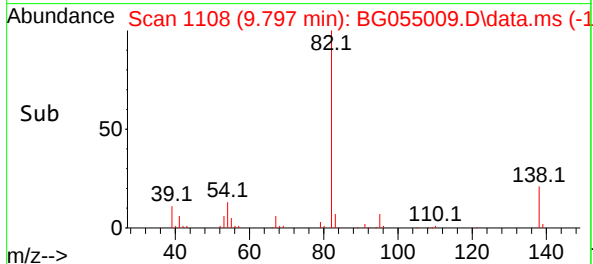
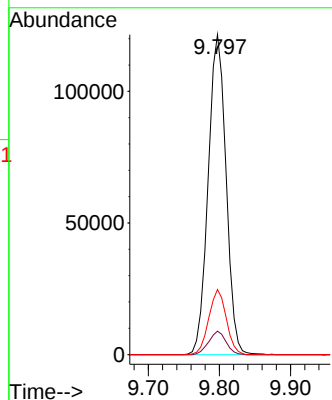
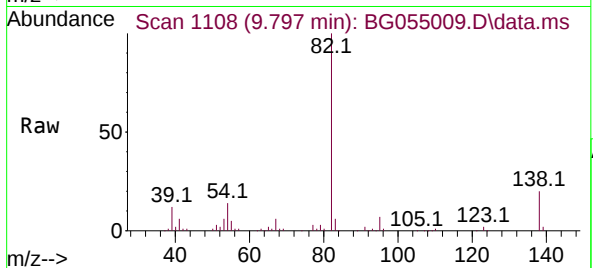
PB147786BS

Tgt Ion: 82 Resp: 212044
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.3 13.9 20.9

Manual Integrations

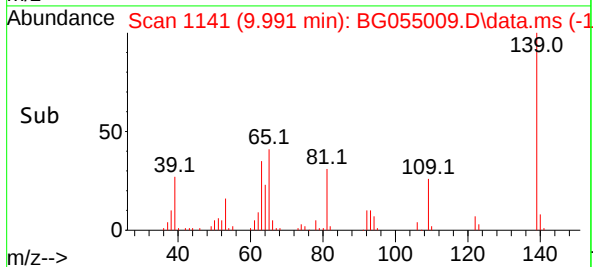
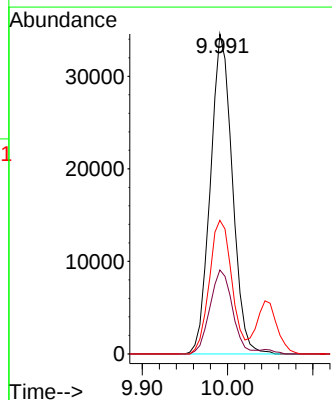
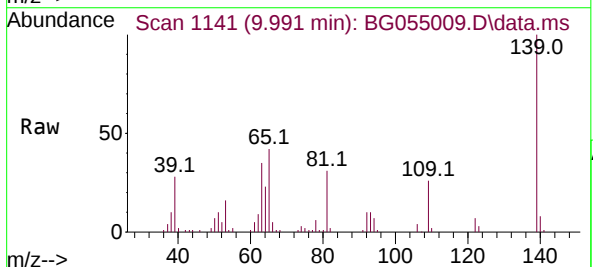
APPROVED

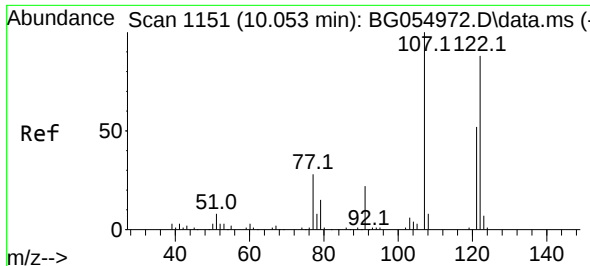
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#26
2-Nitrophenol
Concen: 46.248 ng
RT: 9.991 min Scan# 1141
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:139 Resp: 61656
Ion Ratio Lower Upper
139 100
109 26.2 21.8 32.6
65 41.7 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 55.165 ng

RT: 10.044 min Scan# 1151

Delta R.T. -0.009 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

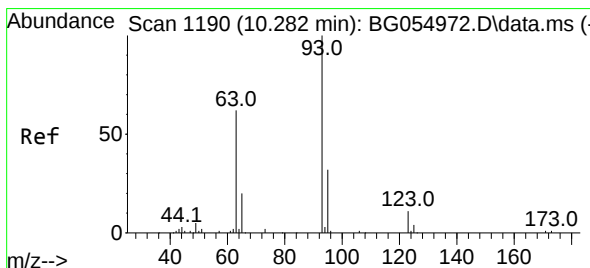
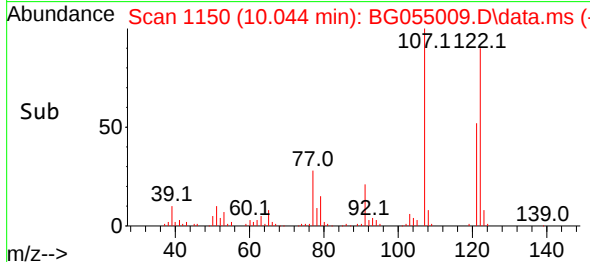
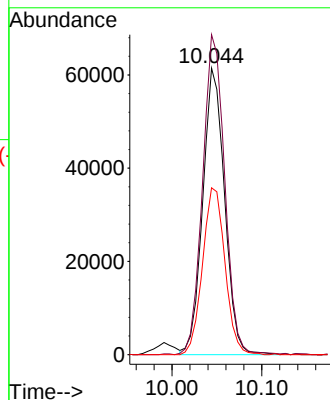
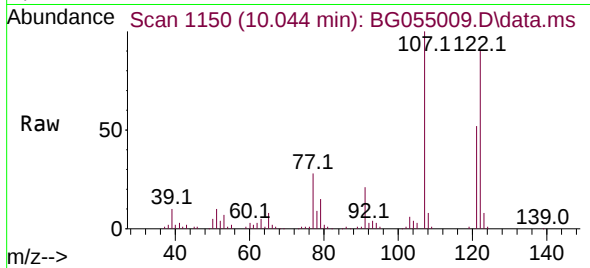
Tgt Ion:	122	Resp:	103824
Ion Ratio	Lower	Upper	
122	100		
107	111.7	94.6	142.0
121	58.2	49.8	74.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.037 ng

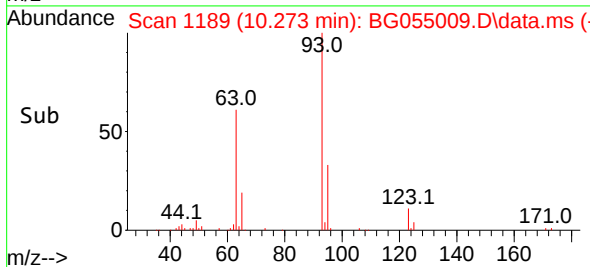
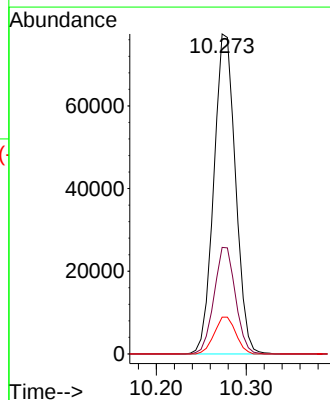
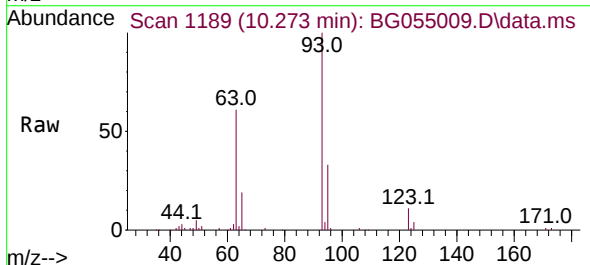
RT: 10.273 min Scan# 1189

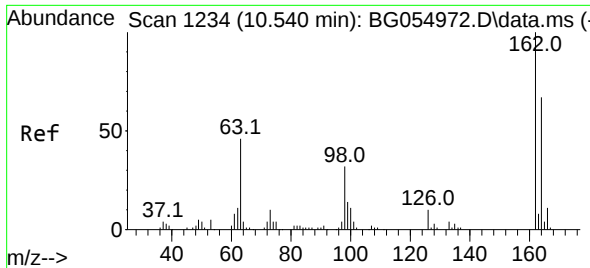
Delta R.T. -0.009 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Tgt Ion:	93	Resp:	129819
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.2
123	11.5	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 48.295 ng
RT: 10.537 min Scan# 1234
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

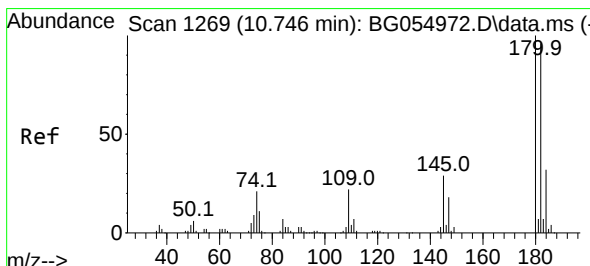
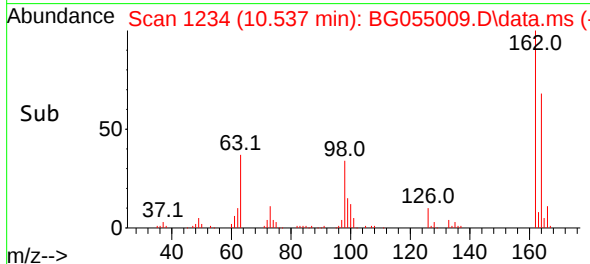
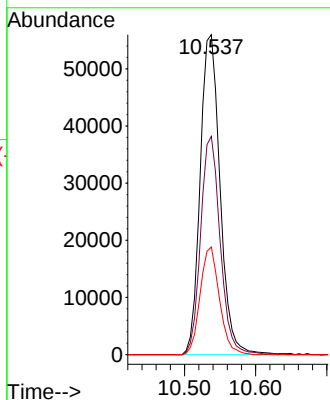
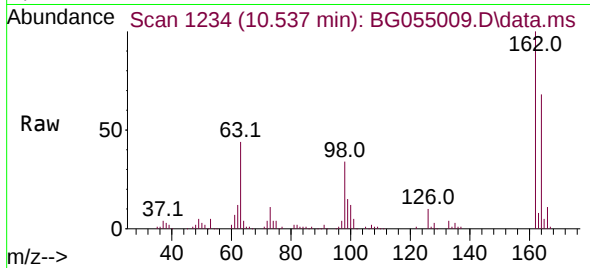
ClientSampleId :

PB147786BS

Tgt Ion:162 Resp: 108504
Ion Ratio Lower Upper
162 100
164 68.2 47.2 87.2
98 33.6 16.6 56.6

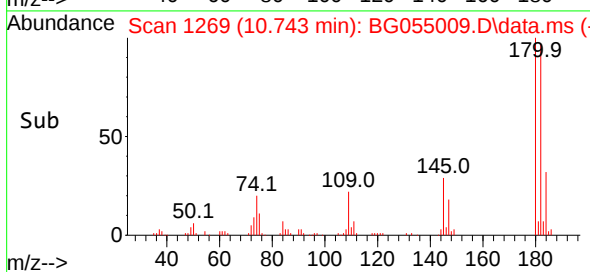
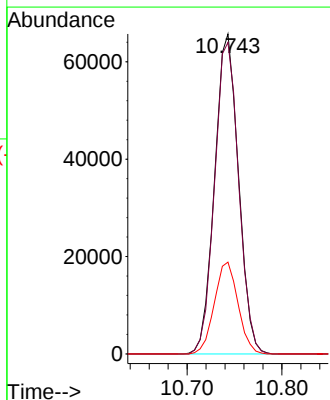
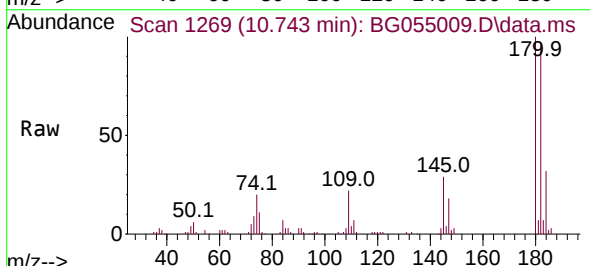
Manual Integrations
APPROVED

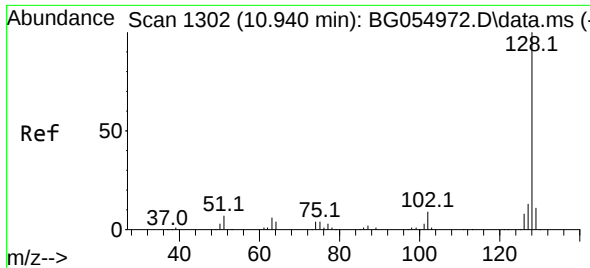
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.285 ng
RT: 10.743 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:180 Resp: 114660
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.6
145 28.7 24.0 36.0





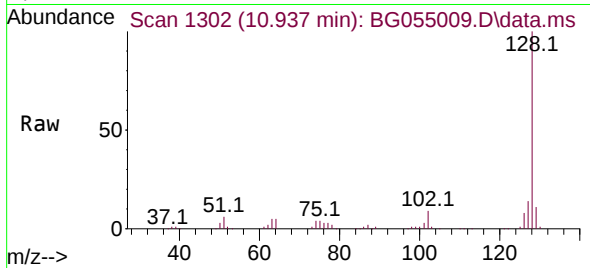
#31
Naphthalene
Concen: 43.185 ng
RT: 10.937 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

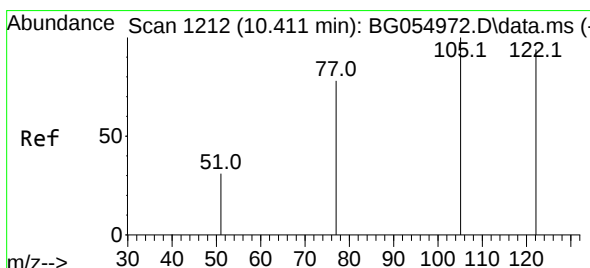
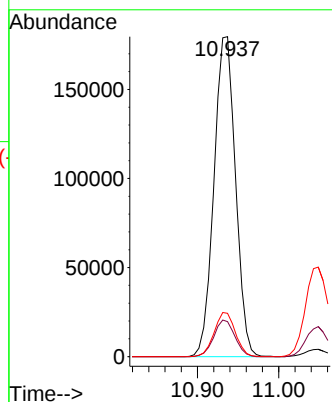
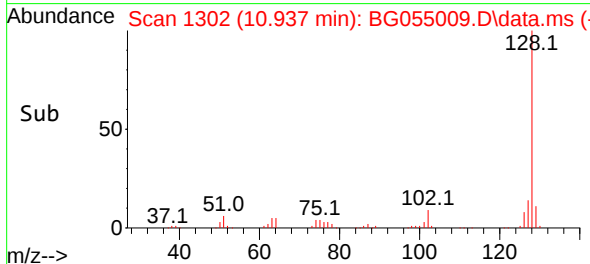


Tgt Ion:128 Resp: 330761
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.5 11.1 16.7

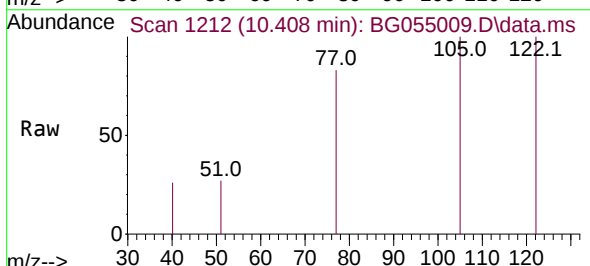
Manual Integrations

APPROVED

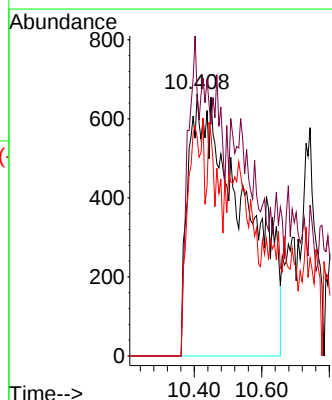
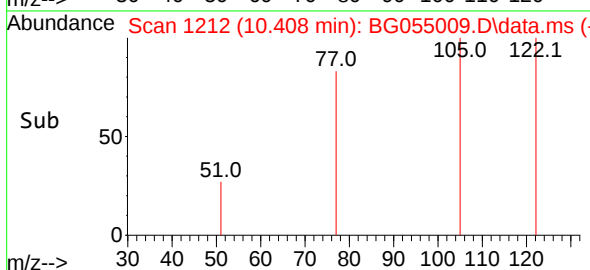
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

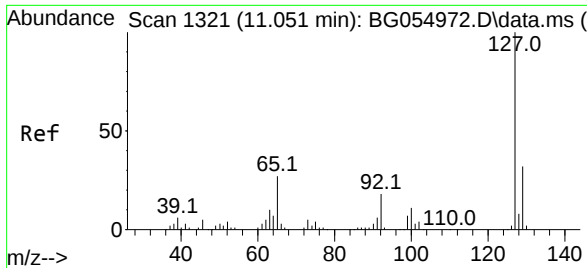


#32
Benzoic acid
Concen: 14.708 ng m
RT: 10.408 min Scan# 1212
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:122 Resp: 7538
Ion Ratio Lower Upper
122 100
105 100.2 101.5 141.5#
77 83.4 69.3 109.3





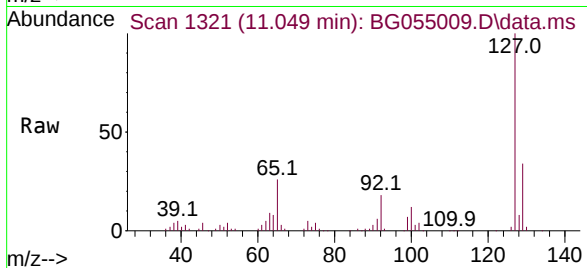
#33
4-Chloroaniline
Concen: 32.714 ng
RT: 11.049 min Scan# 1321
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

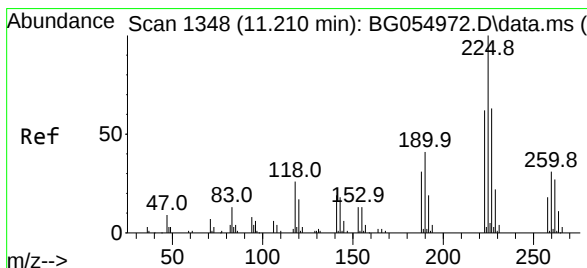
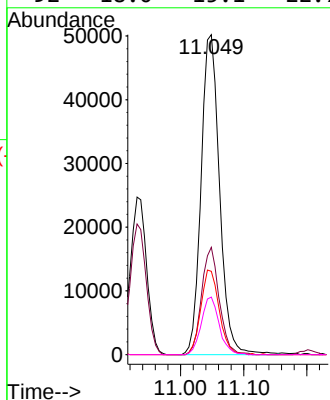
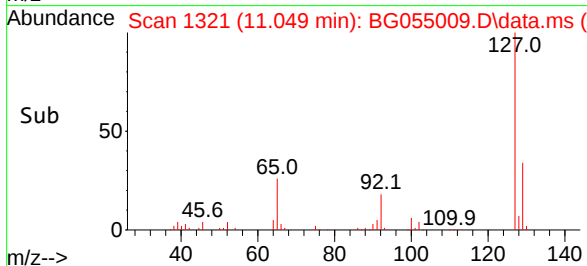


Tgt Ion:127 Resp: 102106
Ion Ratio Lower Upper
127 100
129 33.5 26.0 39.0
65 26.0 25.8 38.8
92 18.0 15.1 22.7

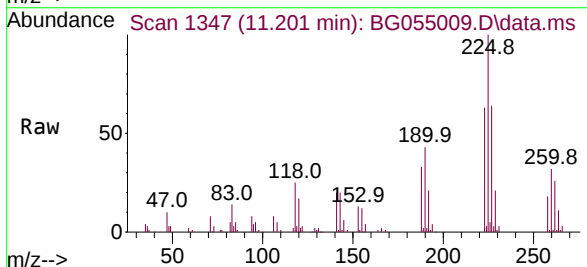
Manual Integrations

APPROVED

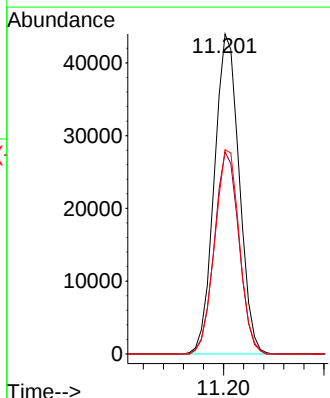
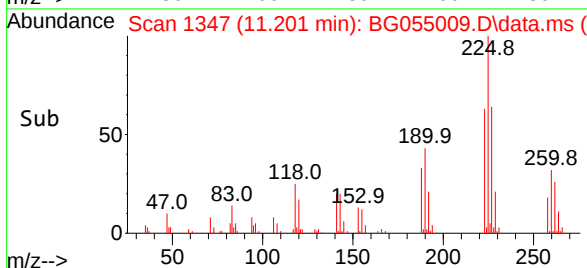
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

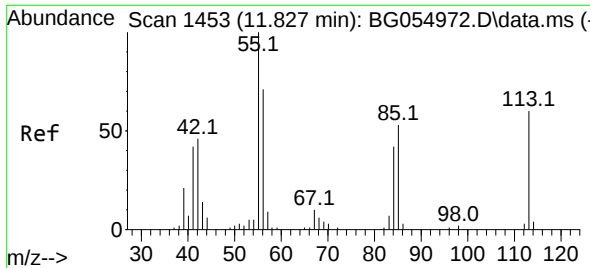


#34
Hexachlorobutadiene
Concen: 43.996 ng
RT: 11.201 min Scan# 1347
Delta R.T. -0.009 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:225 Resp: 75652
Ion Ratio Lower Upper
225 100
223 63.1 51.4 77.0
227 63.8 52.6 79.0





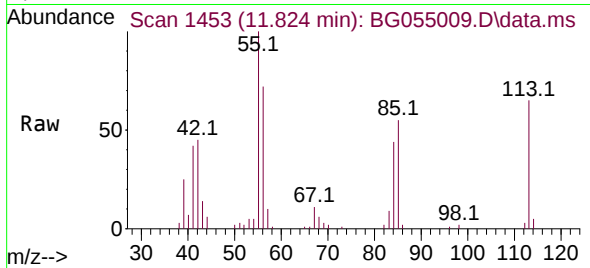
#35
Caprolactam
Concen: 45.022 ng m
RT: 11.824 min Scan# 1453
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

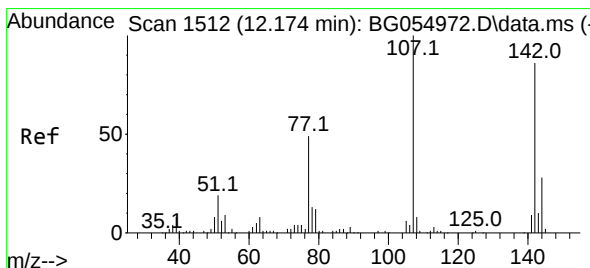
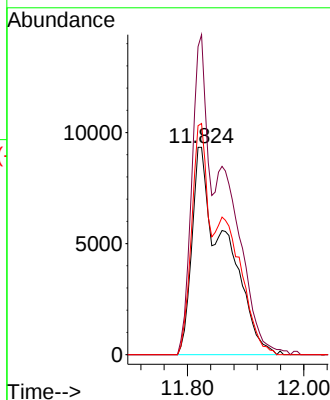
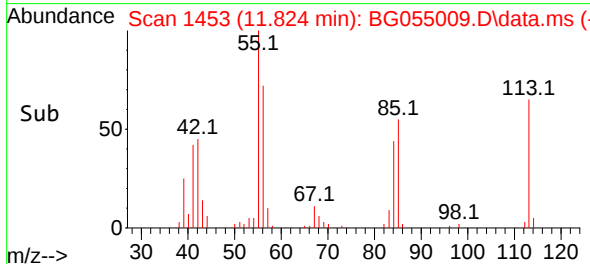


Tgt Ion:113 Resp: 36858
Ion Ratio Lower Upper
113 100
55 154.4 179.1 219.1
56 111.5 120.8 160.8

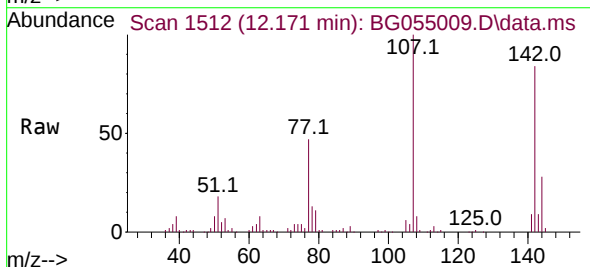
Manual Integrations

APPROVED

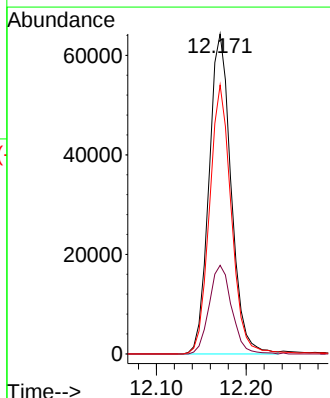
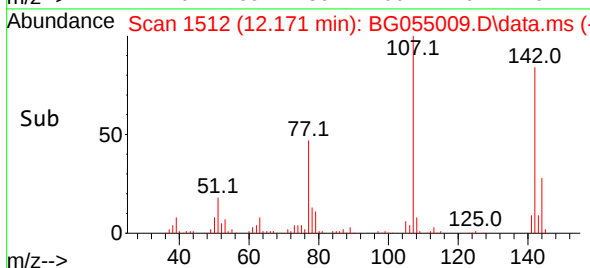
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

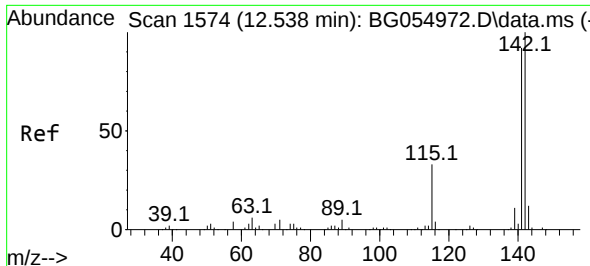


#36
4-Chloro-3-methylphenol
Concen: 46.011 ng
RT: 12.171 min Scan# 1512
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



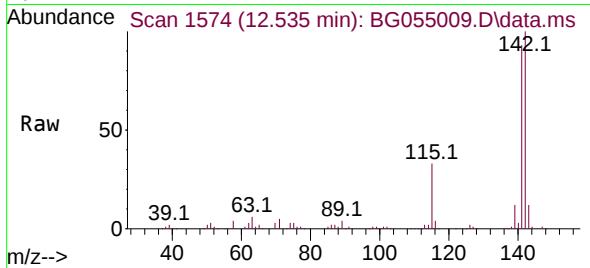
Tgt Ion:107 Resp: 110400
Ion Ratio Lower Upper
107 100
144 27.7 22.4 33.6
142 84.0 65.8 98.8





#37
2-Methylnaphthalene
Concen: 43.452 ng
RT: 12.535 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

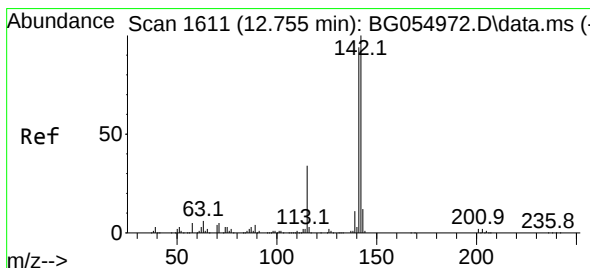
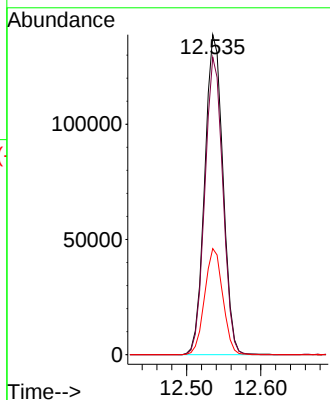
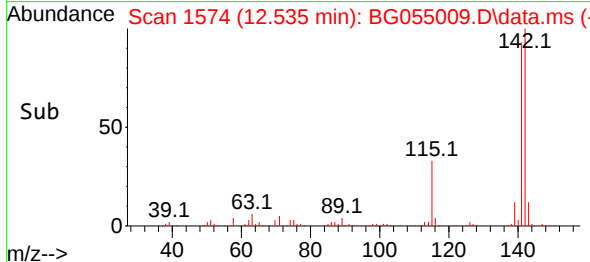
Instrument :
BNA_G
ClientSampleId :
PB147786BS



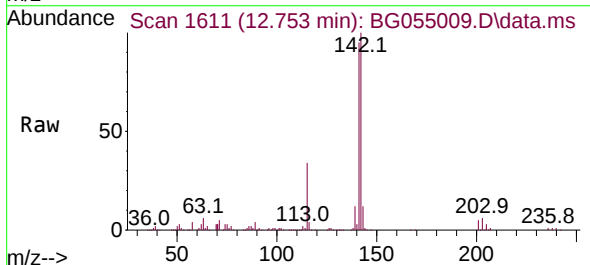
Tgt Ion:142 Resp: 237097
Ion Ratio Lower Upper
142 100
141 92.9 73.0 109.4
115 33.1 27.3 40.9

Manual Integrations
APPROVED

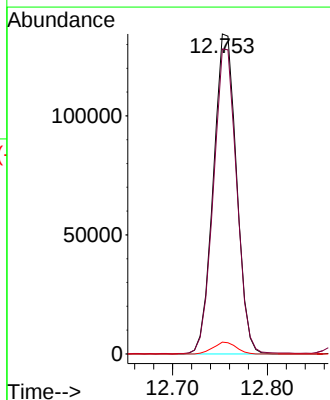
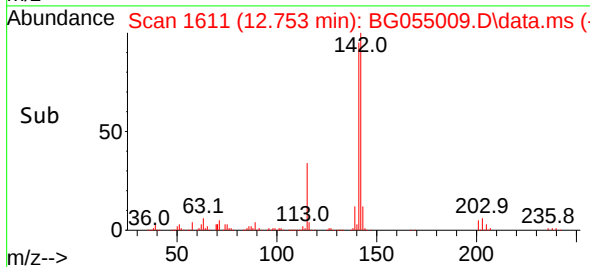
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

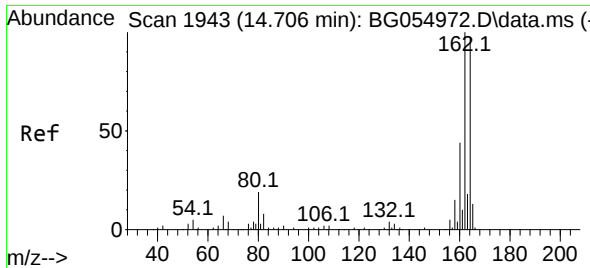


#38
1-Methylnaphthalene
Concen: 42.679 ng
RT: 12.753 min Scan# 1611
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:142 Resp: 227765
Ion Ratio Lower Upper
142 100
141 95.3 77.4 116.0
116 3.7 3.0 4.4





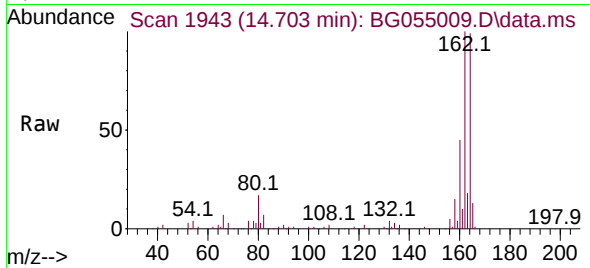
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

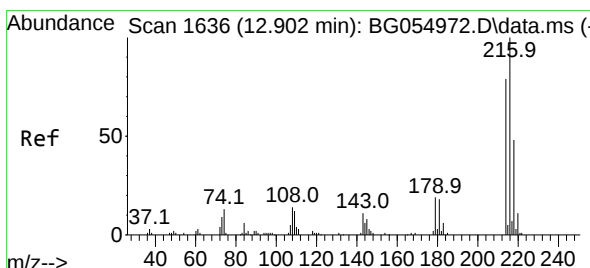
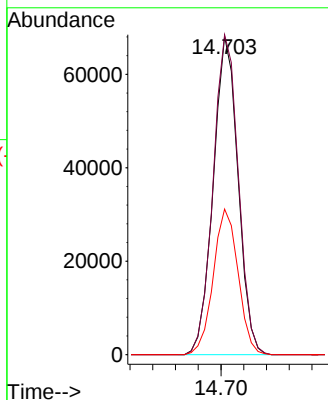
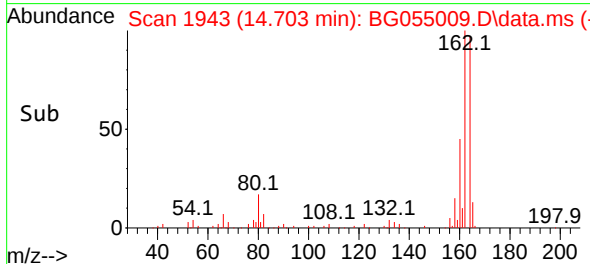


Tgt Ion:164 Resp: 102720
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.4
160 45.7 38.0 57.0

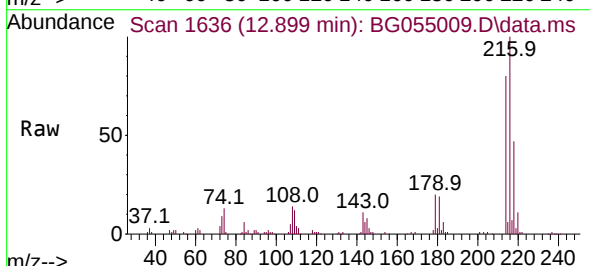
Manual Integrations

APPROVED

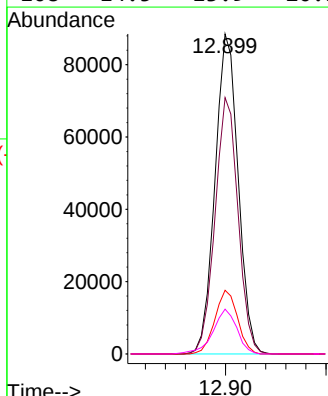
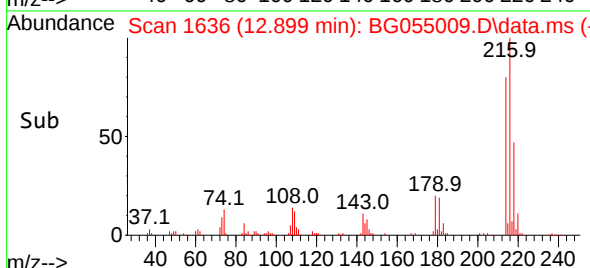
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

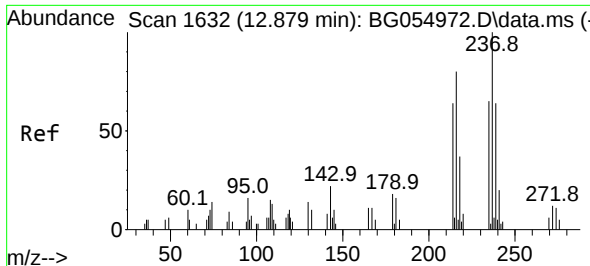


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.173 ng
RT: 12.899 min Scan# 1636
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



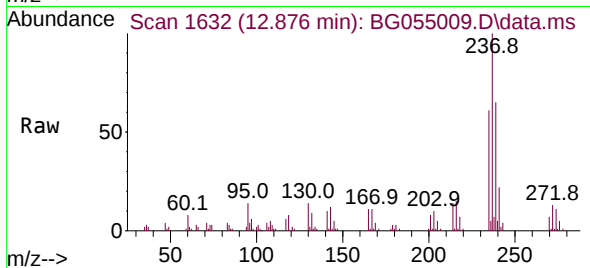
Tgt Ion:216 Resp: 141694
Ion Ratio Lower Upper
216 100
214 79.6 63.2 94.8
179 19.5 16.5 24.7
108 14.5 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 165.132 ng
RT: 12.876 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

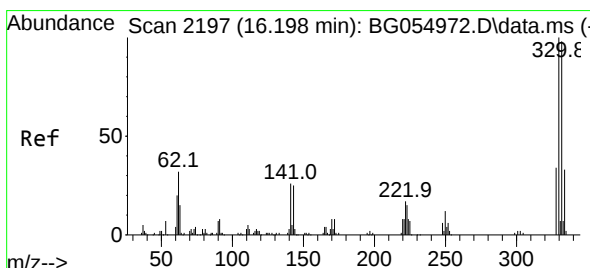
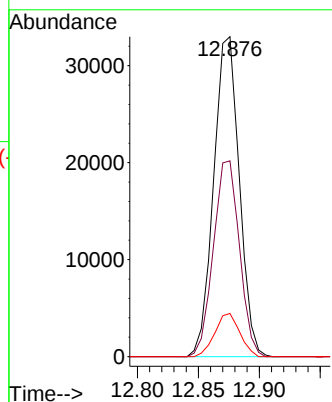
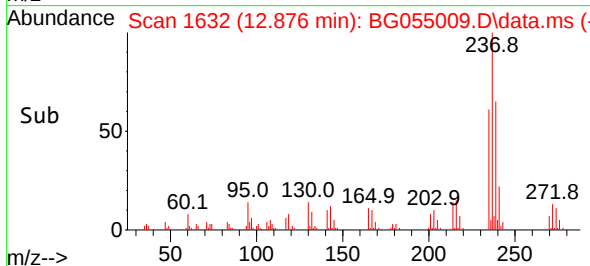
Instrument :
BNA_G
ClientSampleId :
PB147786BS



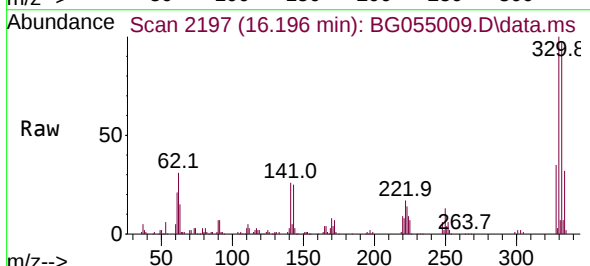
Tgt Ion: 237 Resp: 48243
Ion Ratio Lower Upper
237 100
235 61.2 42.2 82.2
272 13.5 0.0 34.0

Manual Integrations
APPROVED

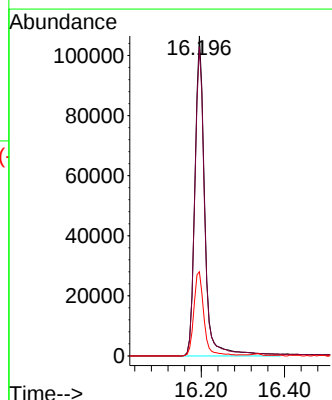
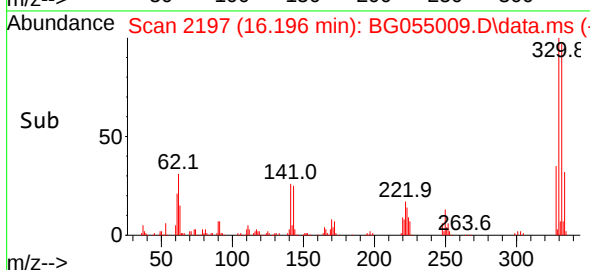
Reviewed By : Christian Giraldo 09/23/2022
Supervised By : Jagrut Upadhyay 09/23/2022

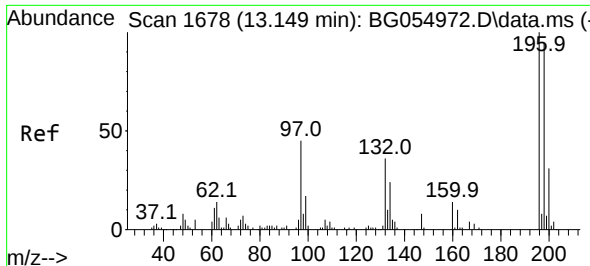


#42
2,4,6-Tribromophenol
Concen: 145.560 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion: 330 Resp: 175161
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 26.9 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 44.951 ng
RT: 13.146 min Scan# 1678
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

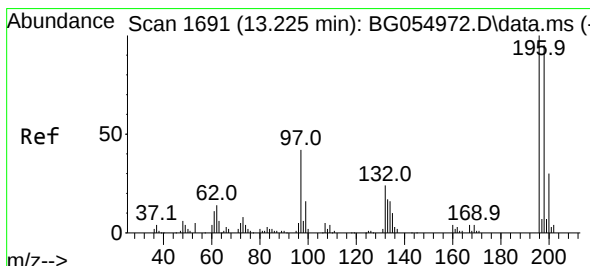
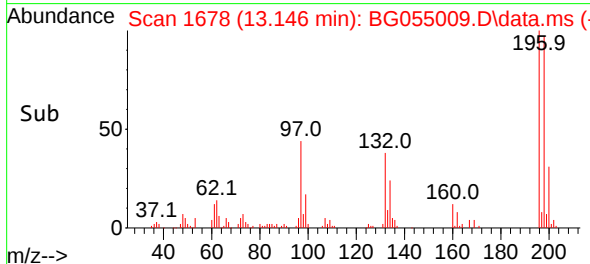
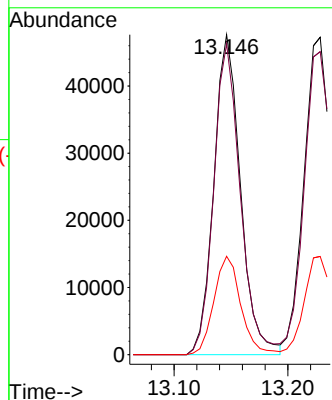
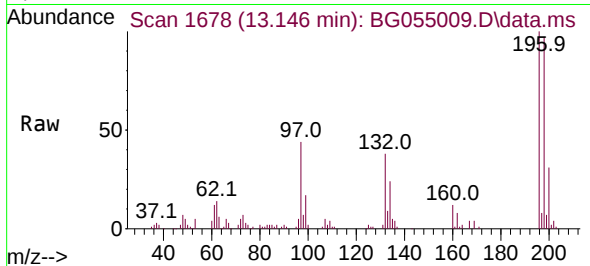
PB147786BS

Tgt Ion:196 Resp: 77578
Ion Ratio Lower Upper
196 100
198 97.1 77.1 115.7
200 30.7 24.2 36.4

Manual Integrations

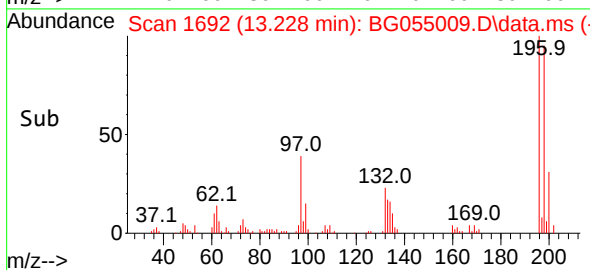
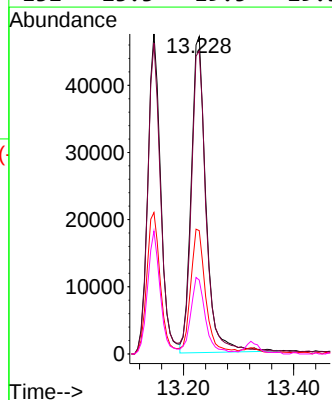
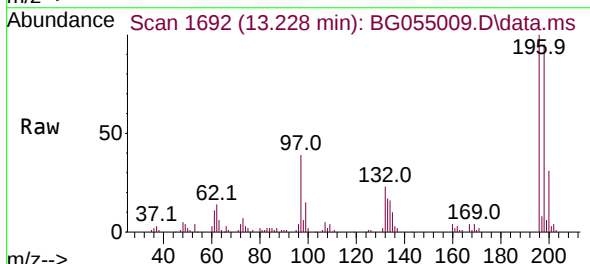
APPROVED

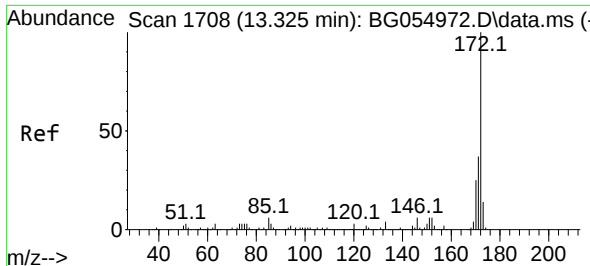
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#44
2,4,5-Trichlorophenol
Concen: 44.335 ng
RT: 13.228 min Scan# 1692
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:196 Resp: 87853
Ion Ratio Lower Upper
196 100
198 95.4 76.7 115.1
97 38.8 36.6 55.0
132 23.3 19.5 29.3





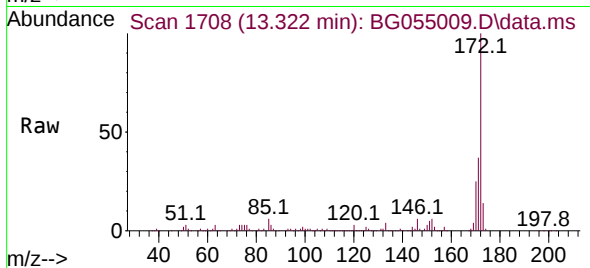
#45
2-Fluorobiphenyl
Concen: 88.496 ng
RT: 13.322 min Scan# 1708
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

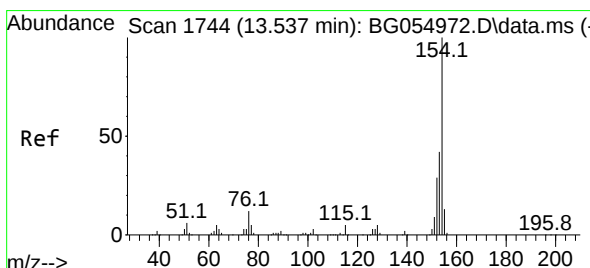
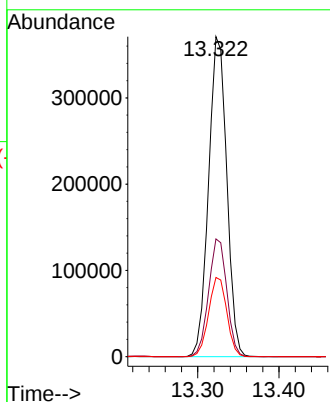
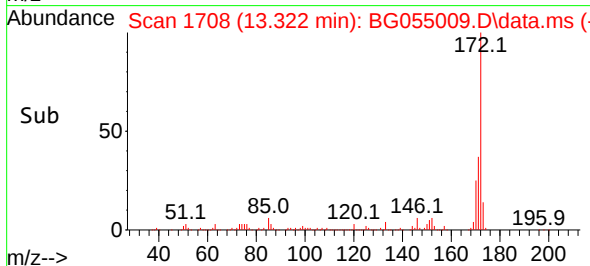


Tgt Ion:172 Resp: 576805
Ion Ratio Lower Upper
172 100
171 36.8 31.2 46.8
170 24.7 20.6 30.8

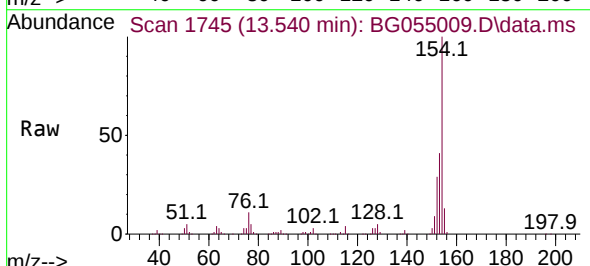
Manual Integrations

APPROVED

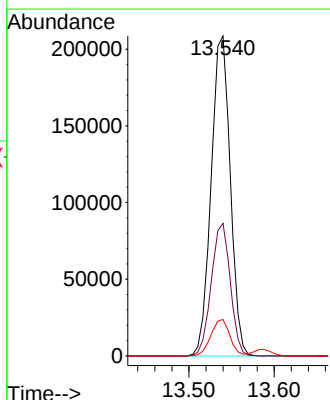
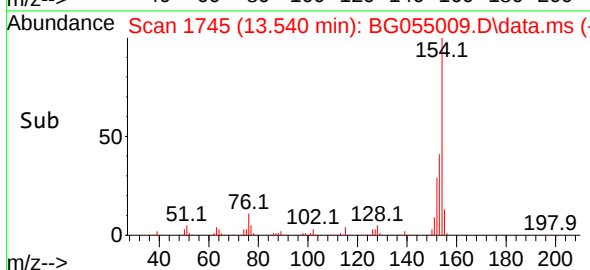
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

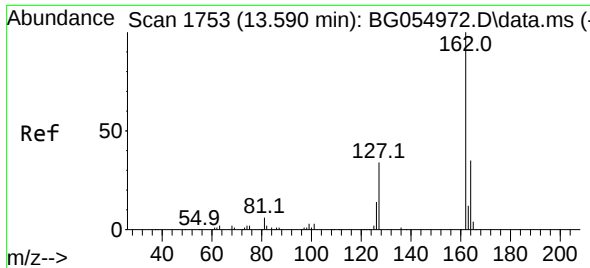


#46
1,1'-Biphenyl
Concen: 46.869 ng
RT: 13.540 min Scan# 1745
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



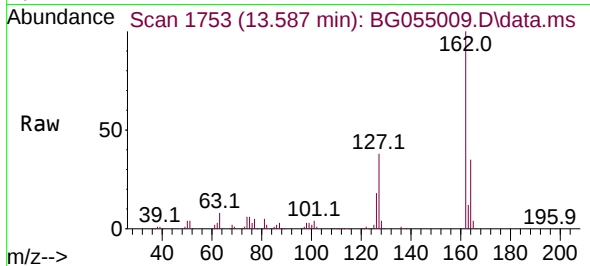
Tgt Ion:154 Resp: 324831
Ion Ratio Lower Upper
154 100
153 41.4 22.2 62.2
76 11.4 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.781 ng
RT: 13.587 min Scan# 1753
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

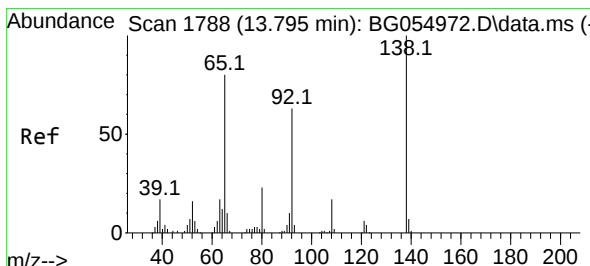
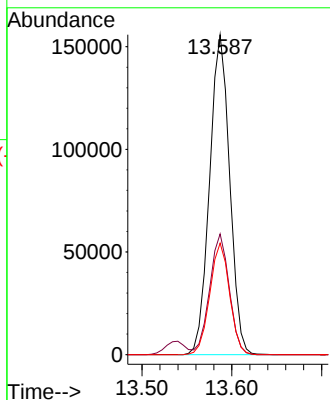
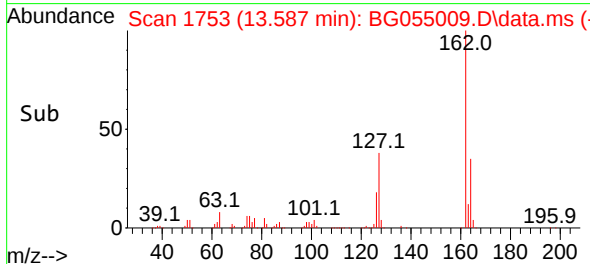
Instrument :
BNA_G
ClientSampleId :
PB147786BS



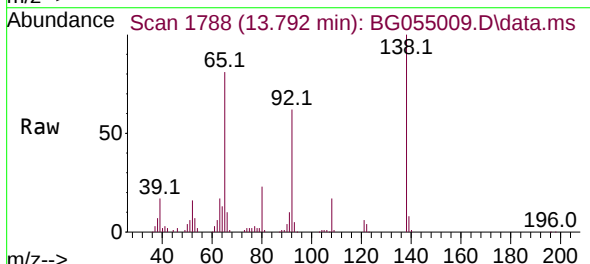
Tgt Ion:162 Resp: 242627
Ion Ratio Lower Upper
162 100
127 37.7 31.5 47.3
164 34.8 27.8 41.6

Manual Integrations
APPROVED

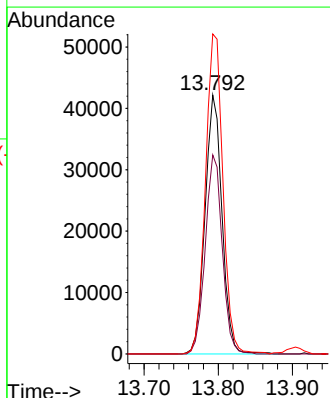
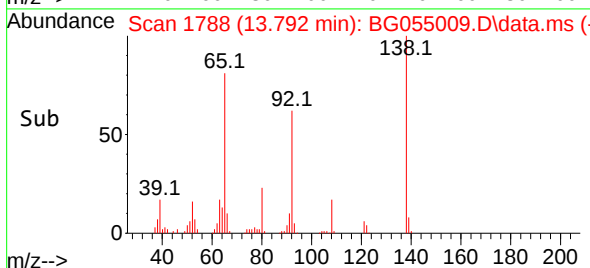
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

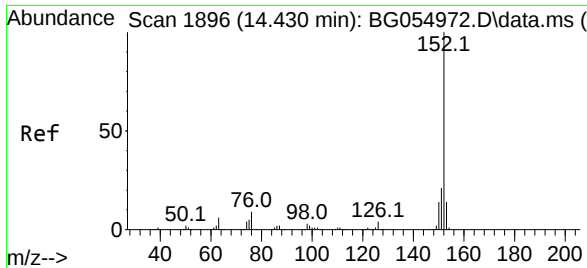


#48
2-Nitroaniline
Concen: 42.136 ng
RT: 13.792 min Scan# 1788
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion: 65 Resp: 66992
Ion Ratio Lower Upper
65 100
92 76.9 54.7 82.1
138 123.7 84.1 126.1





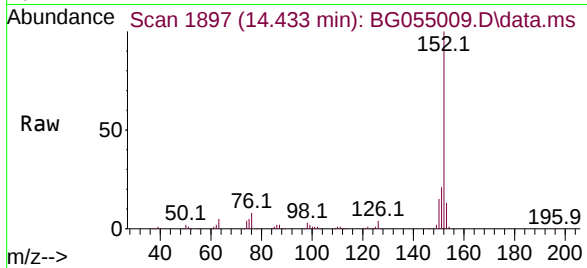
#49
Acenaphthylene
Concen: 43.850 ng
RT: 14.433 min Scan# 1896
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

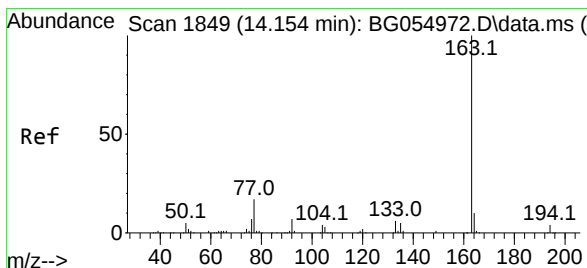
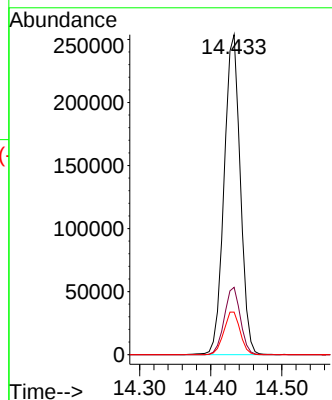
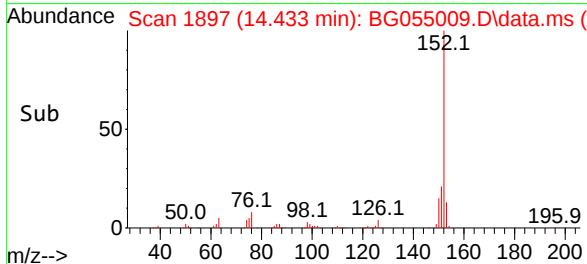


Tgt Ion:152 Resp: 401489
Ion Ratio Lower Upper
152 100
151 21.0 17.3 25.9
153 13.3 10.8 16.2

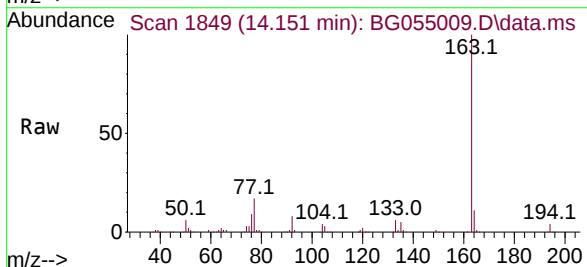
Manual Integrations

APPROVED

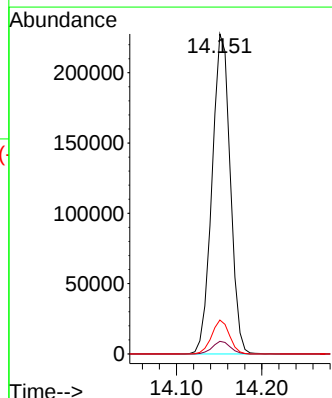
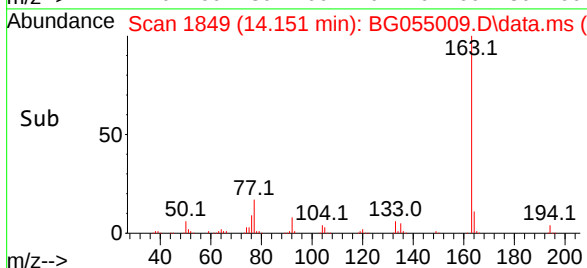
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

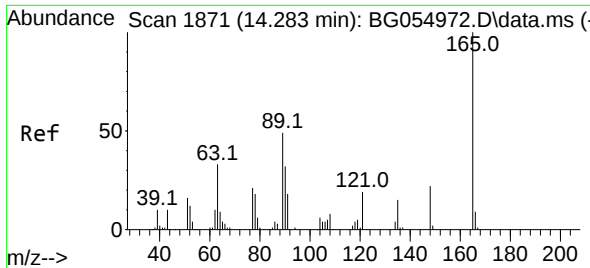


#50
Dimethylphthalate
Concen: 43.371 ng
RT: 14.151 min Scan# 1849
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:163 Resp: 337353
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 8.0 12.0





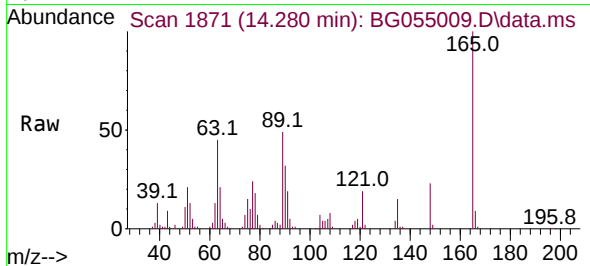
#51
2,6-Dinitrotoluene
Concen: 44.694 ng
RT: 14.280 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

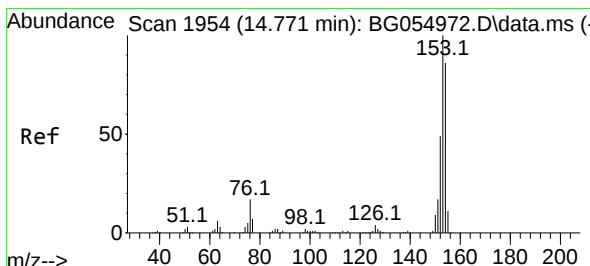
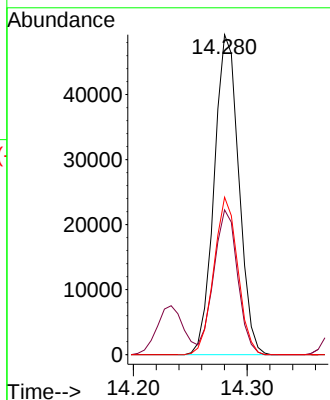
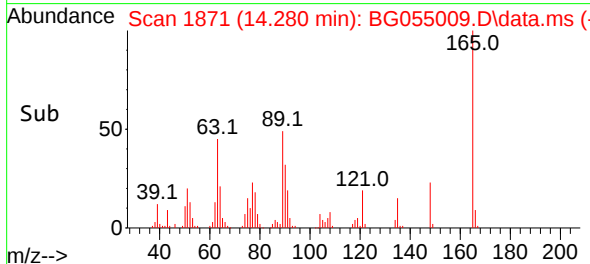


Tgt Ion:165 Resp: 73914
Ion Ratio Lower Upper
165 100
63 45.2 46.0 69.0
89 49.2 50.3 75.5

Manual Integrations

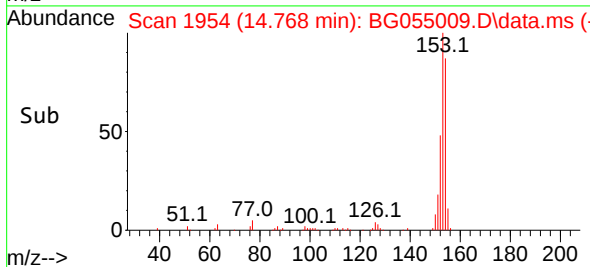
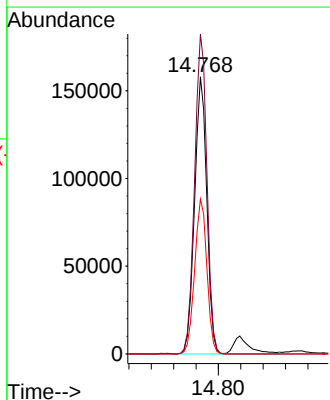
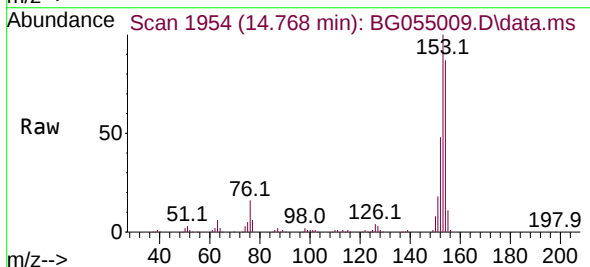
APPROVED

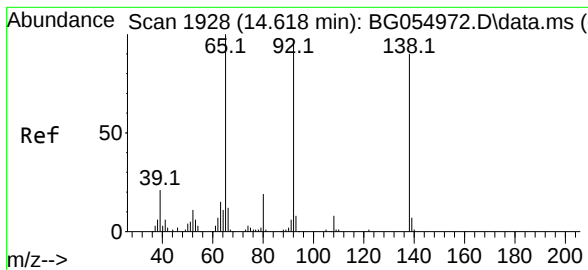
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#52
Acenaphthene
Concen: 45.881 ng m
RT: 14.768 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

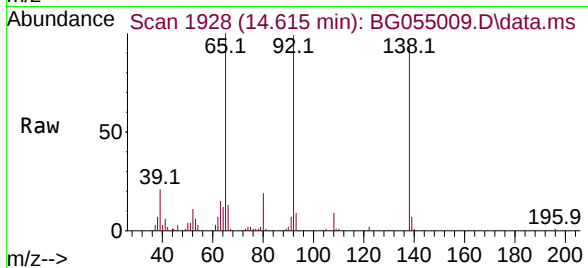
Tgt Ion:154 Resp: 258828
Ion Ratio Lower Upper
154 100
153 115.5 92.8 139.2
152 55.9 45.4 68.2





#53
3-Nitroaniline
Concen: 34.427 ng
RT: 14.615 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

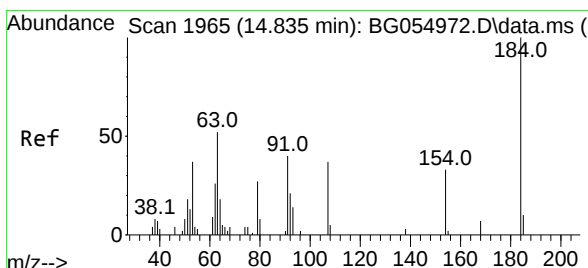
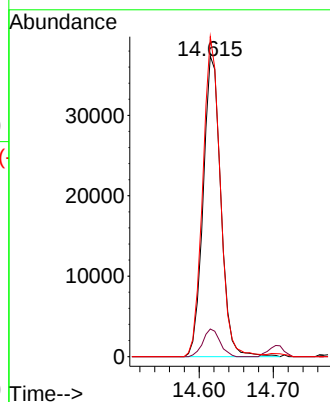
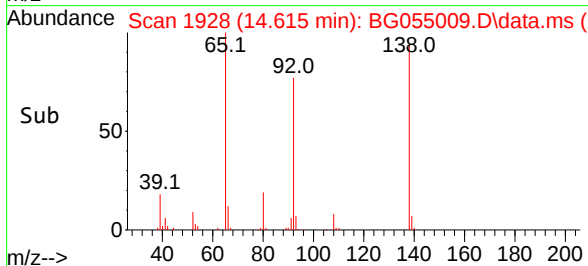
Instrument :
BNA_G
ClientSampleId :
PB147786BS



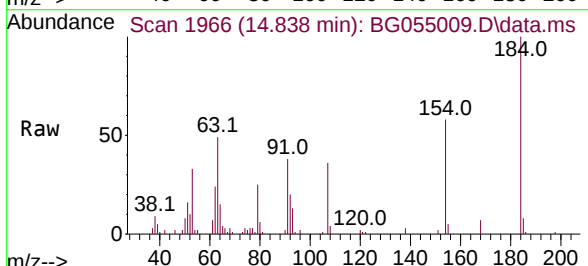
Tgt Ion:138 Resp: 61762
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 106.5 96.0 144.0

Manual Integrations
APPROVED

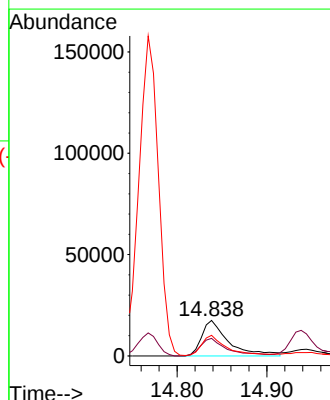
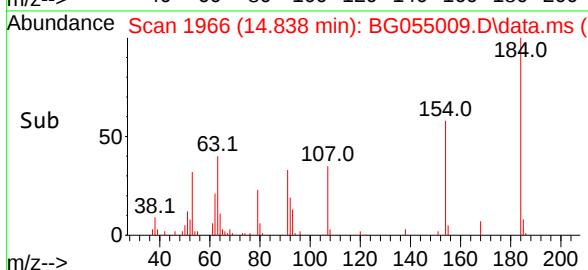
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

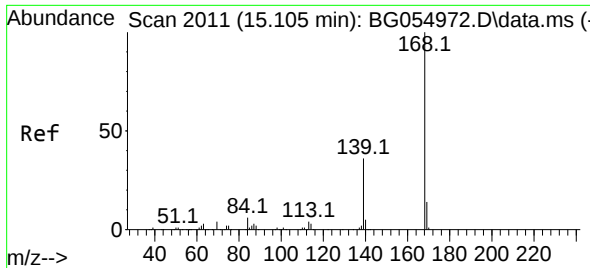


#54
2,4-Dinitrophenol
Concen: 66.213 ng
RT: 14.838 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



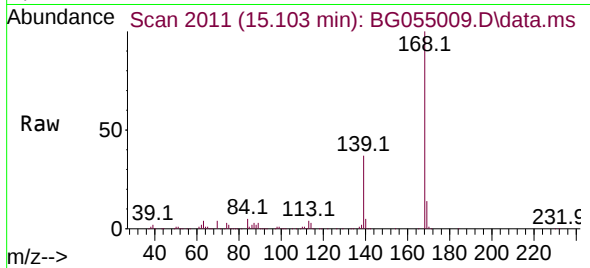
Tgt Ion:184 Resp: 36209
Ion Ratio Lower Upper
184 100
63 49.5 41.8 62.8
154 58.1 45.2 67.8





#55
Dibenzofuran
Concen: 43.877 ng
RT: 15.103 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

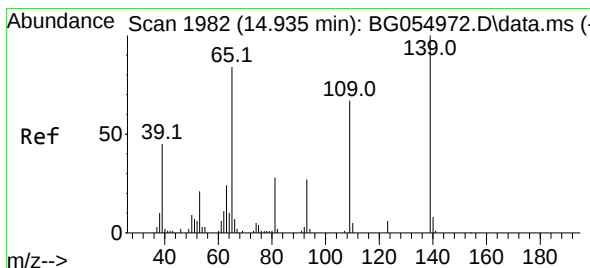
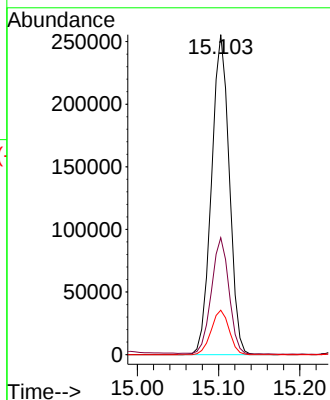
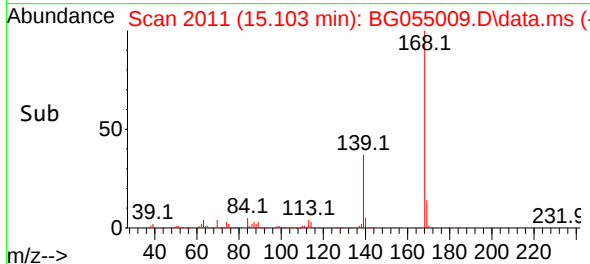
Instrument :
BNA_G
ClientSampleId :
PB147786BS



Tgt Ion:168 Resp: 388854
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.9 11.3 16.9

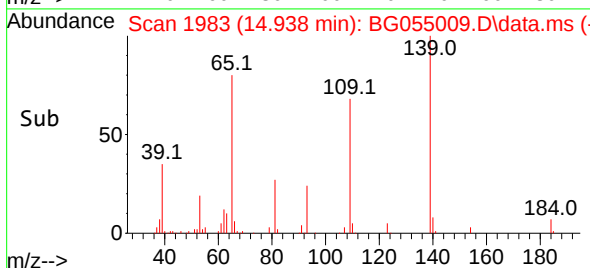
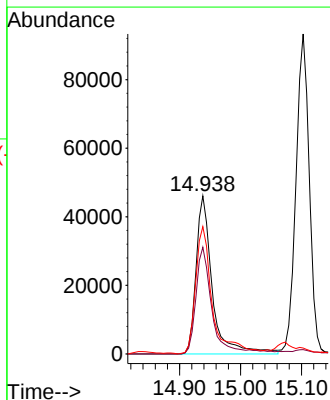
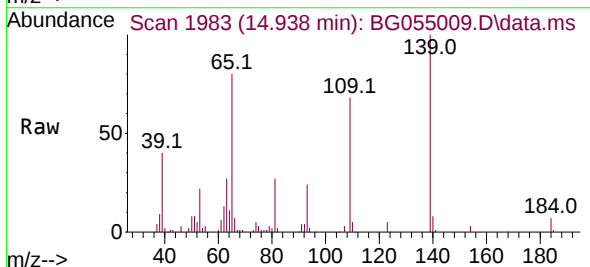
Manual Integrations
APPROVED

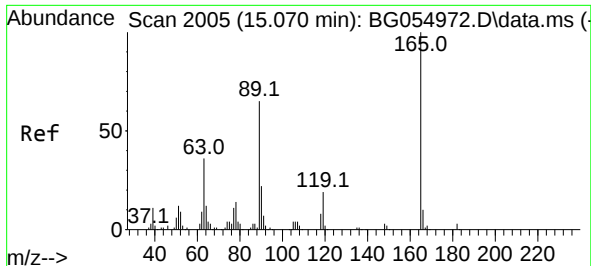
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#56
4-Nitrophenol
Concen: 76.328 ng
RT: 14.938 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:139 Resp: 85183
Ion Ratio Lower Upper
139 100
109 67.5 50.5 90.5
65 80.5 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 45.124 ng
RT: 15.073 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

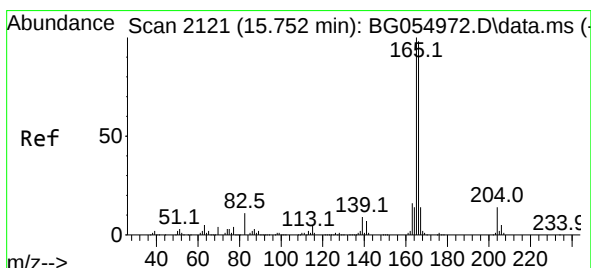
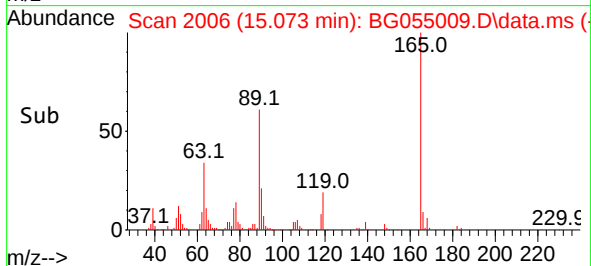
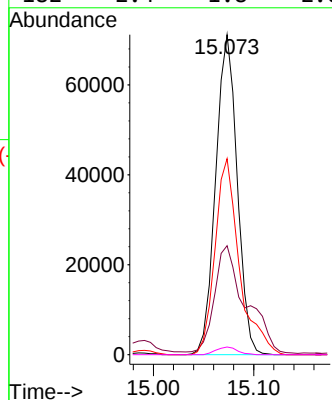
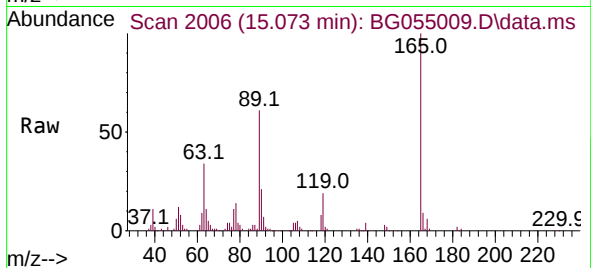
PB147786BS

Tgt Ion:165 Resp: 106146
Ion Ratio Lower Upper
165 100
63 34.0 36.8 55.2
89 61.2 64.3 96.5
182 2.4 1.8 2.6

Manual Integrations

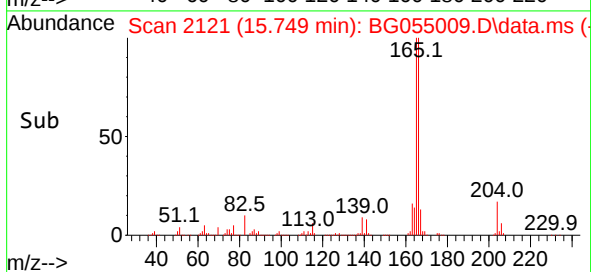
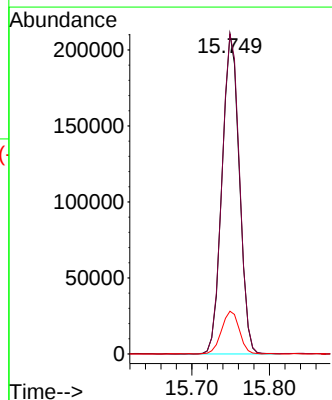
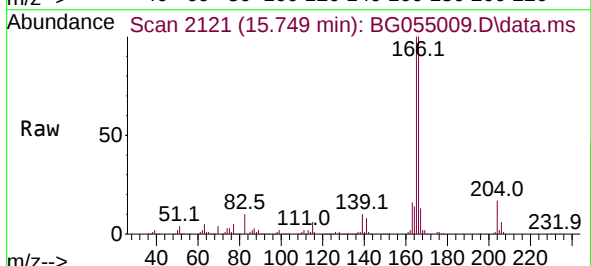
APPROVED

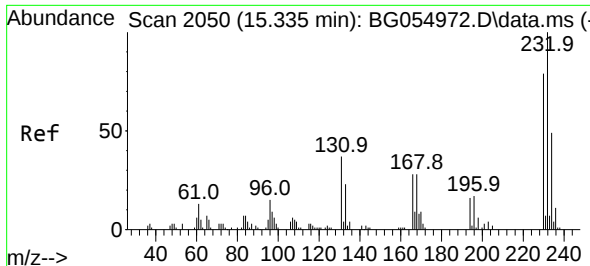
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#58
Fluorene
Concen: 43.319 ng
RT: 15.749 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:166 Resp: 325837
Ion Ratio Lower Upper
166 100
165 100.0 80.8 121.2
167 13.3 11.4 17.0





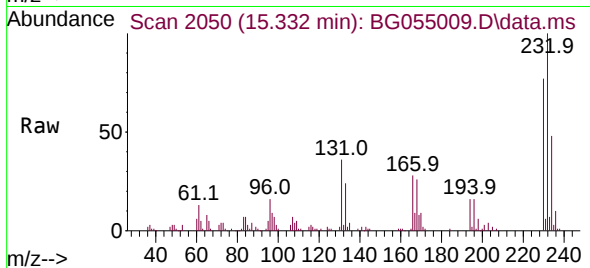
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.621 ng
RT: 15.332 min Scan# 2050
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

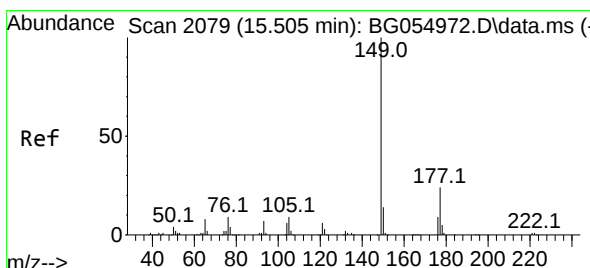
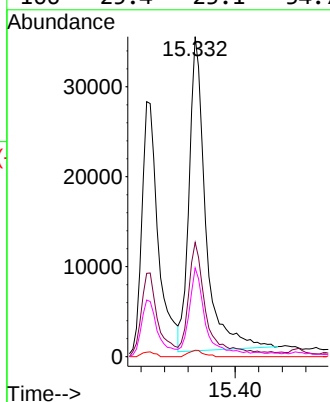
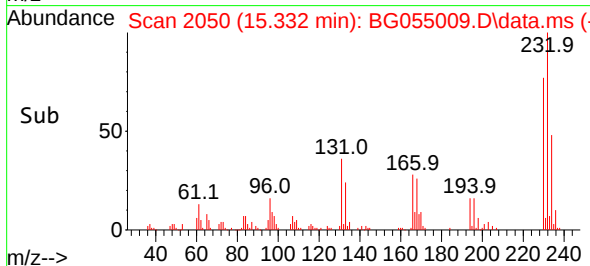


Tgt Ion:232 Resp: 68274
Ion Ratio Lower Upper
232 100
131 39.7 31.3 46.9
130 1.8 1.8 2.6
166 25.4 23.1 34.7

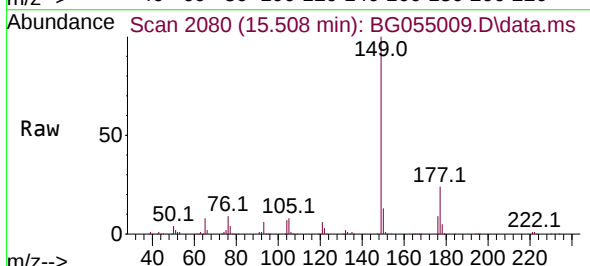
Manual Integrations

APPROVED

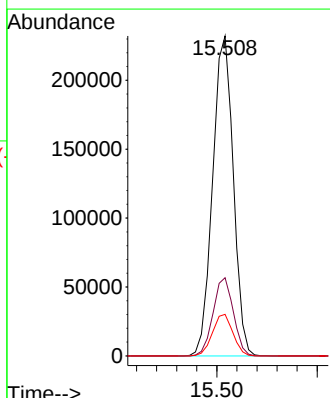
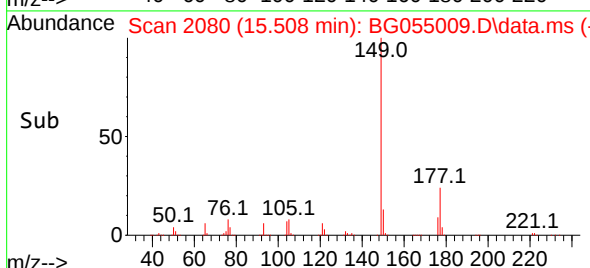
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

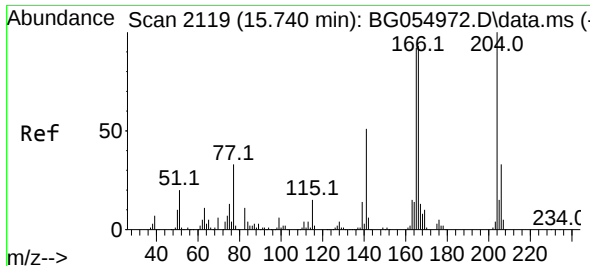


#60
Diethylphthalate
Concen: 42.718 ng
RT: 15.508 min Scan# 2080
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



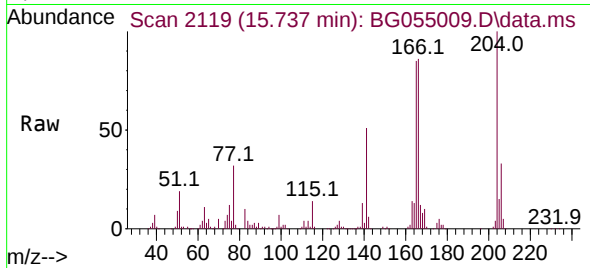
Tgt Ion:149 Resp: 331743
Ion Ratio Lower Upper
149 100
177 24.4 17.8 26.6
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.791 ng
RT: 15.737 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

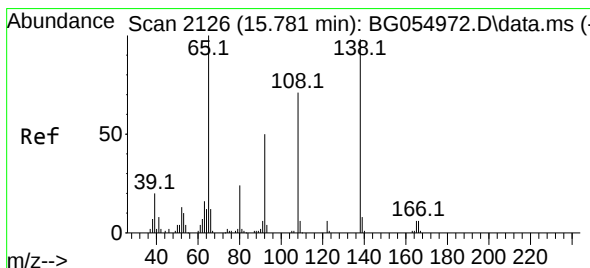
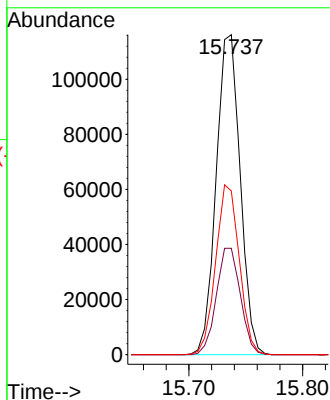
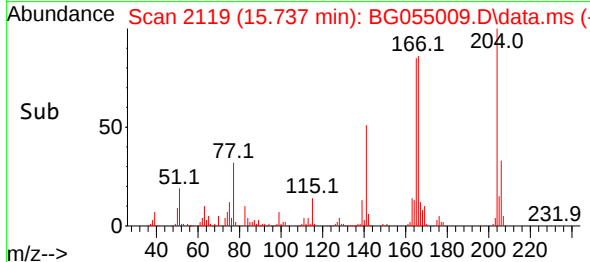
Instrument :
BNA_G
ClientSampleId :
PB147786BS



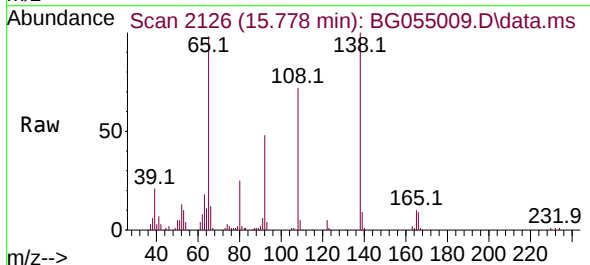
Tgt Ion:204 Resp: 170238
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 51.1 44.9 67.3

Manual Integrations
APPROVED

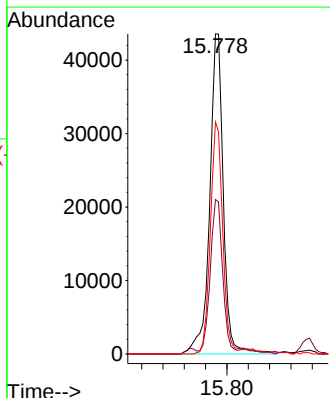
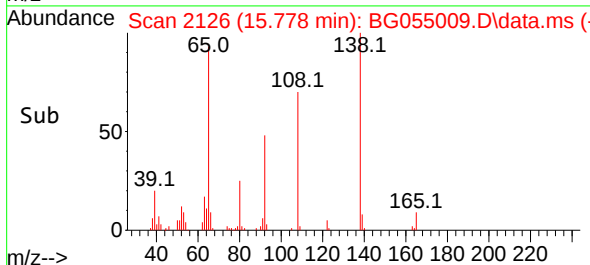
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

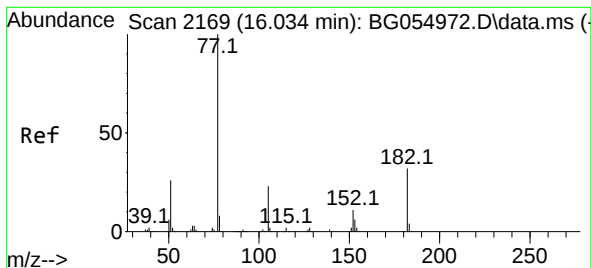


#62
4-Nitroaniline
Concen: 41.507 ng
RT: 15.778 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:138 Resp: 77557
Ion Ratio Lower Upper
138 100
92 48.2 34.7 74.7
108 72.5 56.2 96.2





#63

Azobenzene

Concen: 42.197 ng

RT: 16.031 min Scan# 2169

Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

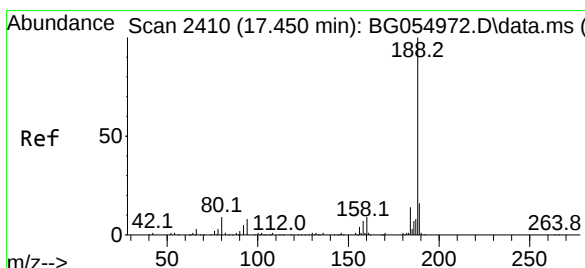
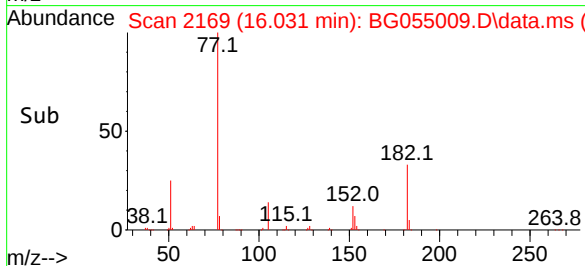
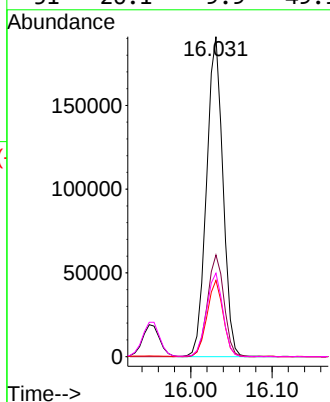
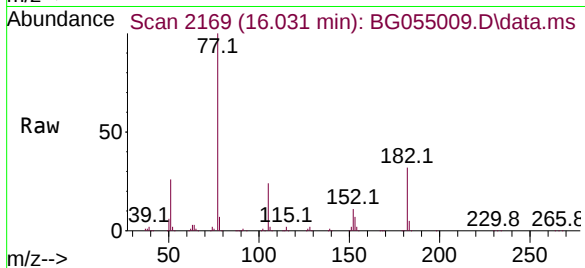
Tgt Ion:	77	Resp:	26802
Ion Ratio	Lower	Upper	
77	100		
182	31.8	5.1	45.1
105	23.8	0.7	40.7
51	26.1	9.9	49.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

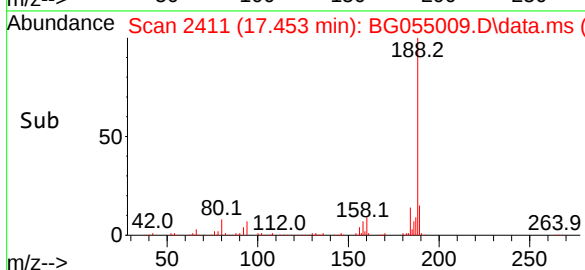
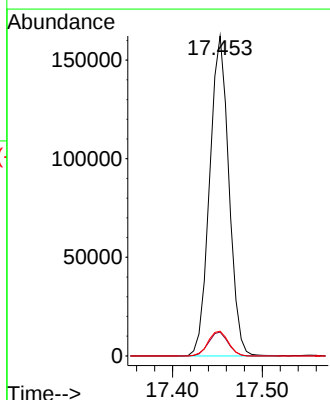
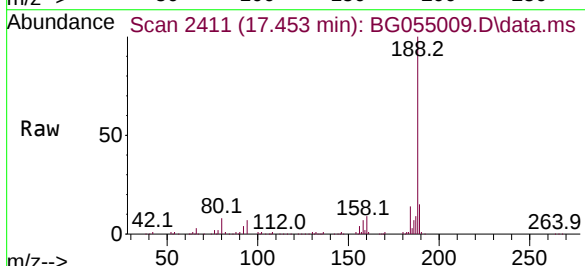
RT: 17.453 min Scan# 2411

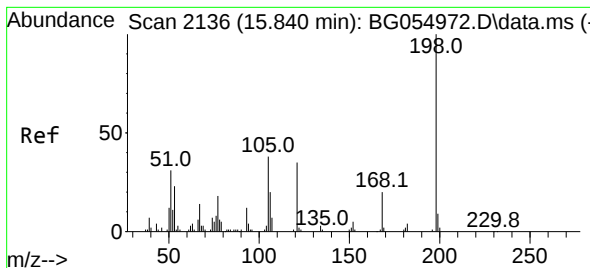
Delta R.T. 0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Tgt Ion:	188	Resp:	241297
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.0	10.4
80	7.7	7.9	11.9





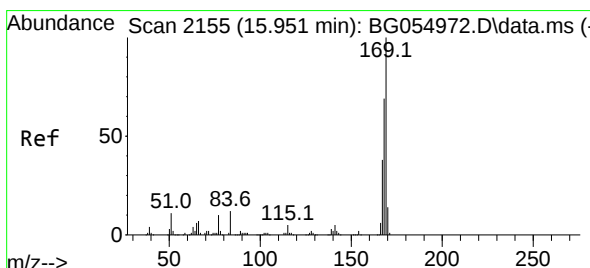
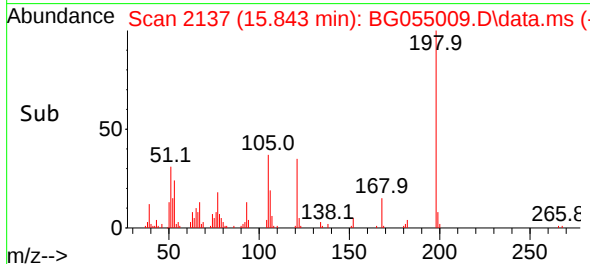
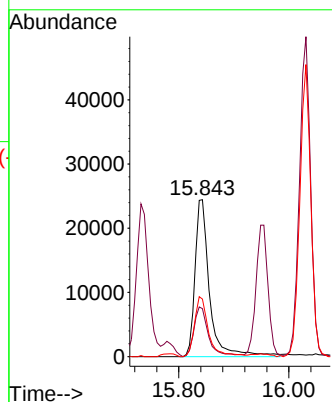
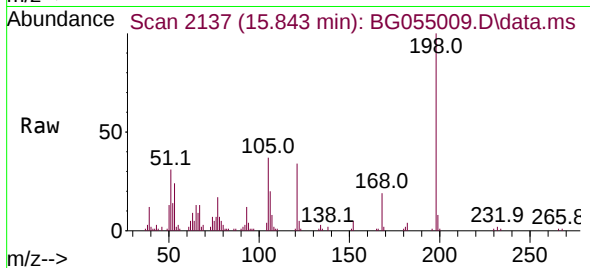
#65
4,6-Dinitro-2-methylphenol
Concen: 37.677 ng
RT: 15.843 min Scan# 2136
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :
BNA_G
ClientSampleId :
PB147786BS

Tgt Ion:198 Resp: 44825
Ion Ratio Lower Upper
198 100
51 30.5 19.9 59.9
105 36.6 20.3 60.3

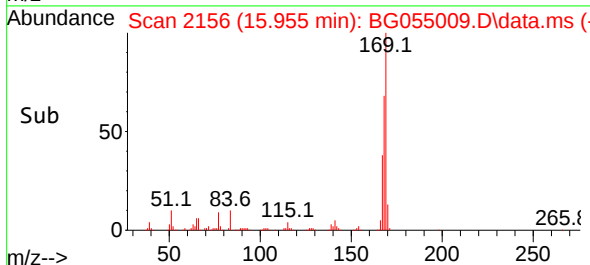
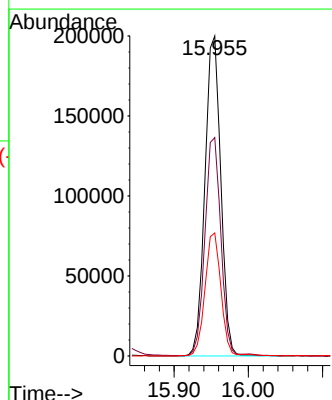
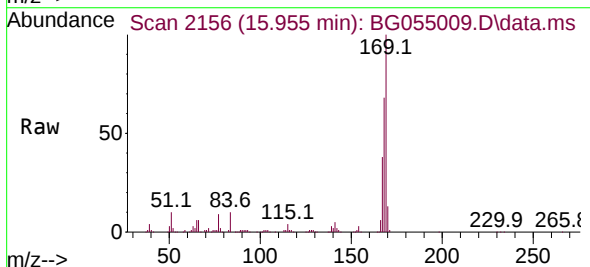
Manual Integrations
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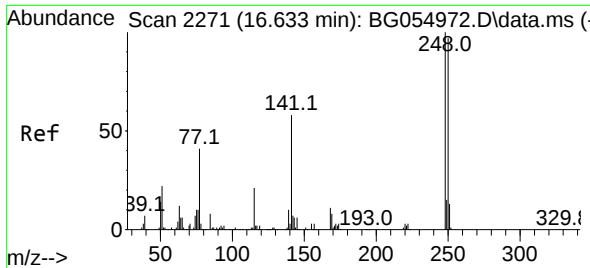
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#66
n-Nitrosodiphenylamine
Concen: 45.918 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:169 Resp: 296241
Ion Ratio Lower Upper
169 100
168 68.2 55.6 83.4
167 38.4 30.9 46.3





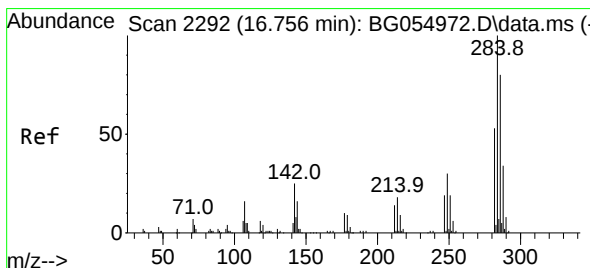
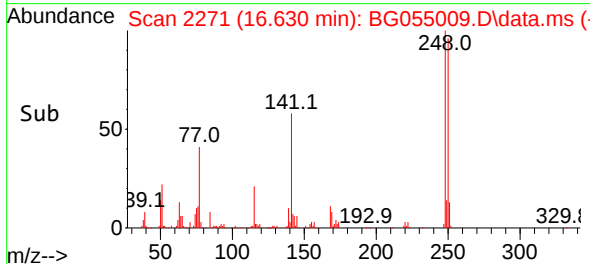
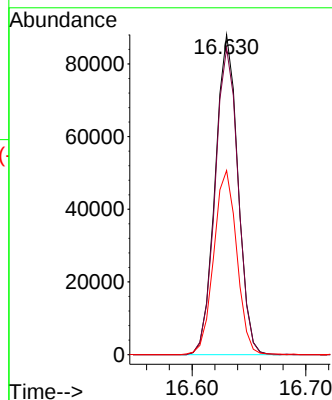
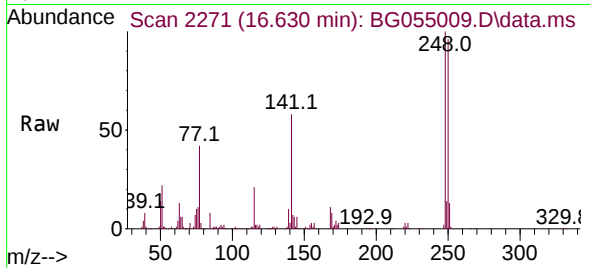
#67
4-Bromophenyl-phenylether
Concen: 45.864 ng
RT: 16.630 min Scan# 2271
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Instrument :
BNA_G
ClientSampleId :
PB147786BS

Tgt Ion:248 Resp: 122050
Ion Ratio Lower Upper
248 100
250 95.7 78.8 118.2
141 57.5 51.9 77.9

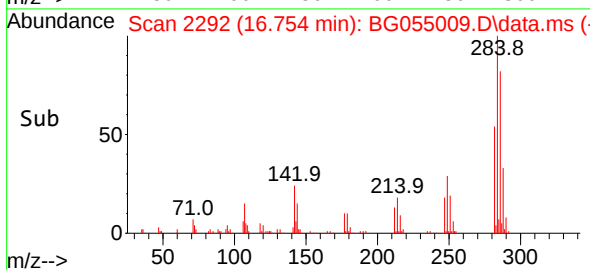
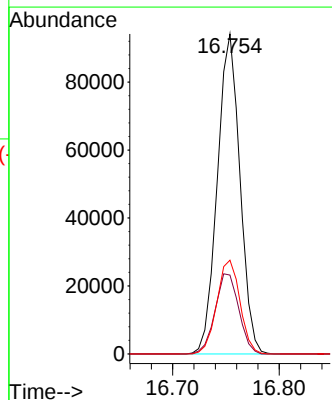
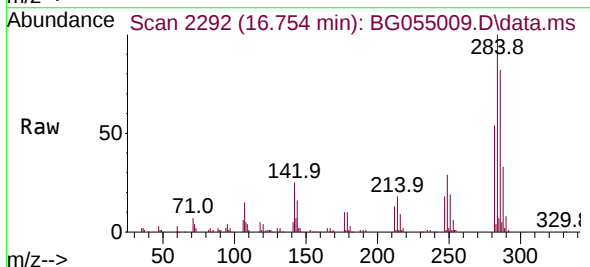
Manual Integrations
APPROVED

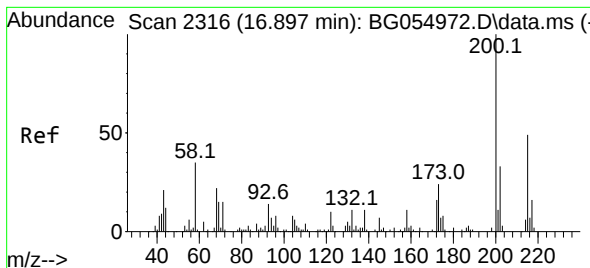
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#68
Hexachlorobenzene
Concen: 45.425 ng
RT: 16.754 min Scan# 2292
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:284 Resp: 138857
Ion Ratio Lower Upper
284 100
142 24.6 25.0 37.6#
249 29.3 24.5 36.7





#69

Atrazine

Concen: 49.050 ng

RT: 16.895 min Scan# 2316

Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

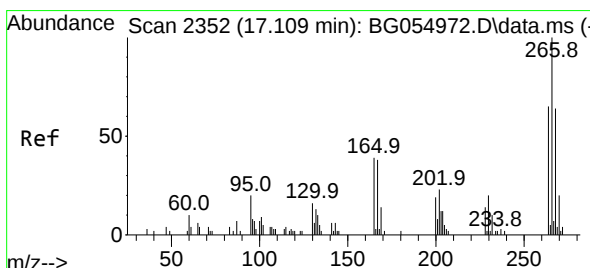
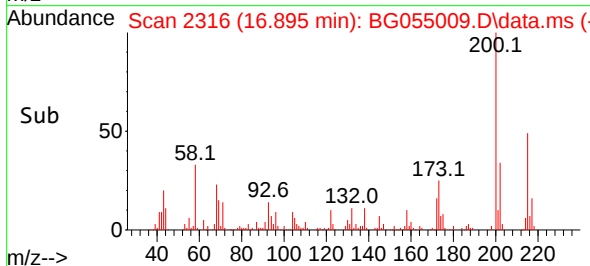
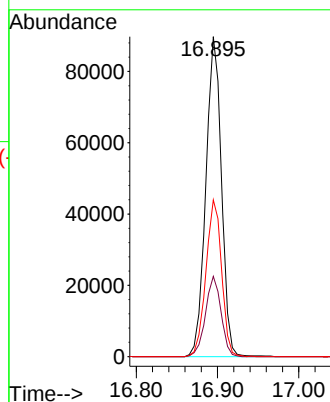
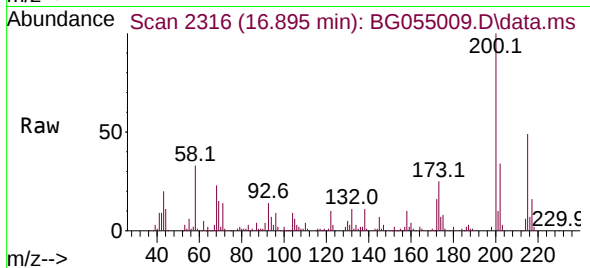
PB147786BS

Tgt Ion:200 Resp: 120109
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.6 45.6
 215 49.0 28.2 68.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#70

Pentachlorophenol

Concen: 60.671 ng

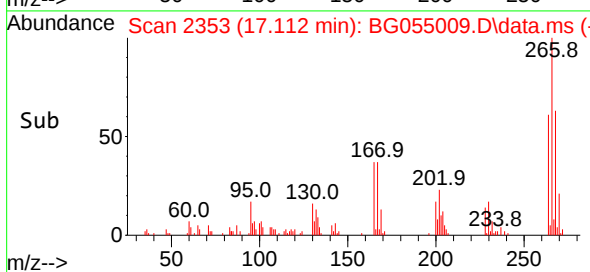
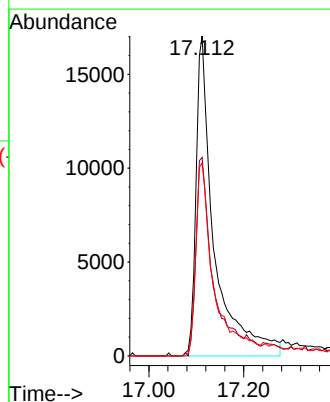
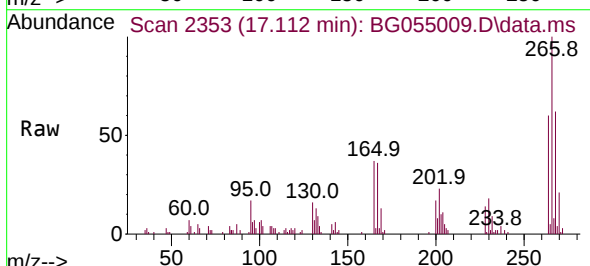
RT: 17.112 min Scan# 2353

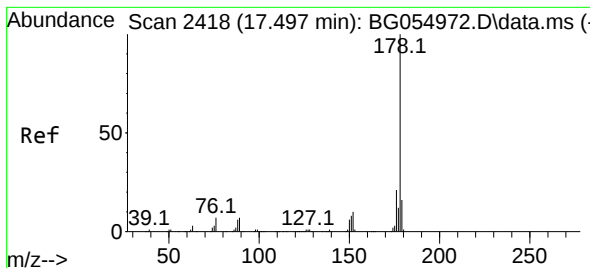
Delta R.T. 0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Tgt Ion:266 Resp: 45296
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.2 76.8
 264 60.3 49.4 74.0





#71

Phenanthrene

Concen: 43.889 ng

RT: 17.494 min Scan# 2418

Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

Tgt Ion:178 Resp: 53934

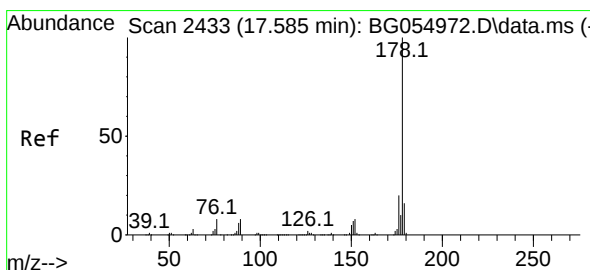
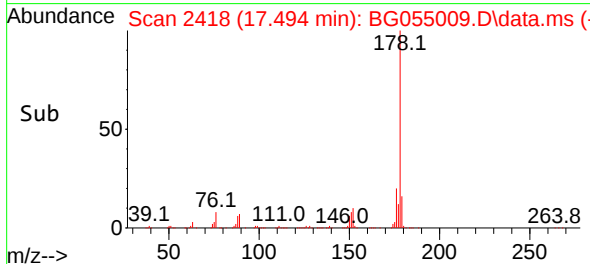
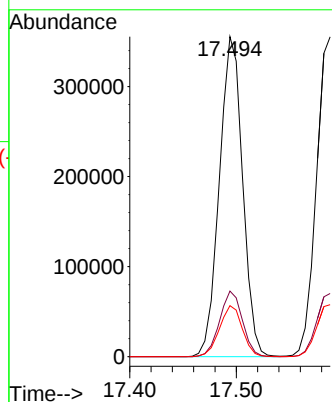
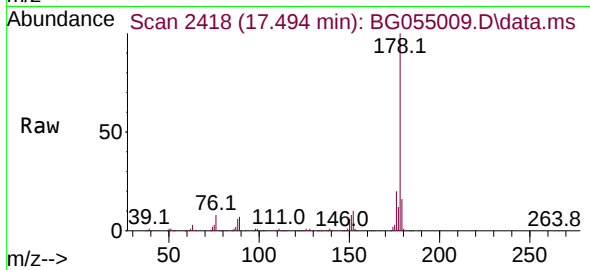
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	15.9	12.8	19.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022

Supervised By :Jagrut Upadhyay 09/23/2022



#72

Anthracene

Concen: 45.399 ng

RT: 17.588 min Scan# 2434

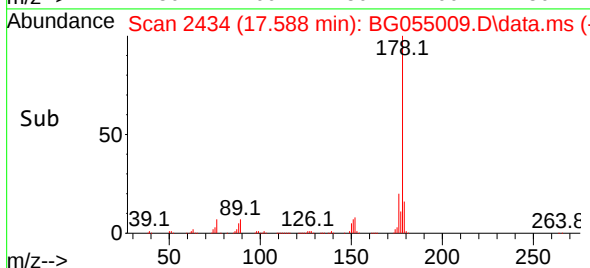
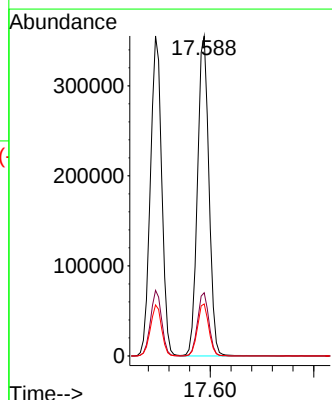
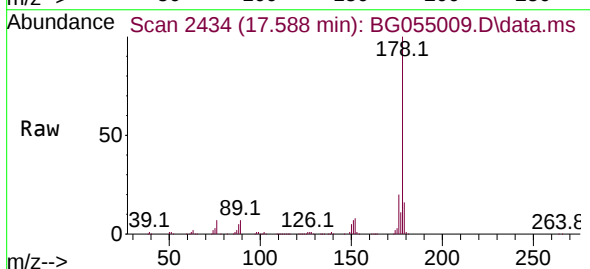
Delta R.T. 0.003 min

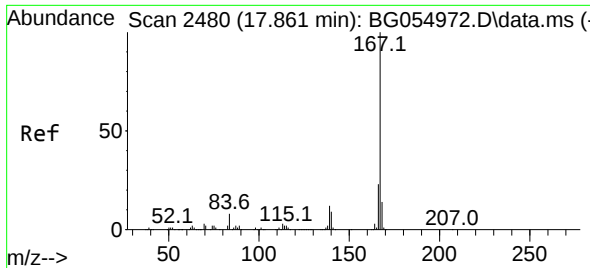
Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Tgt Ion:178 Resp: 544240

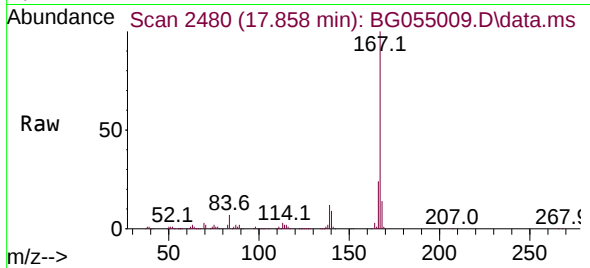
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.3	12.9	19.3





#73
 Carbazole
 Concen: 45.741 ng
 RT: 17.858 min Scan# 2480
 Delta R.T. -0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16

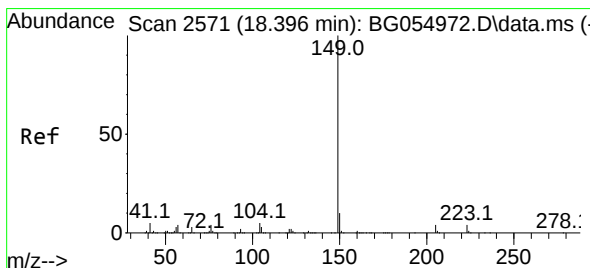
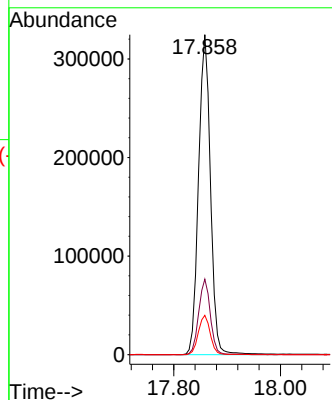
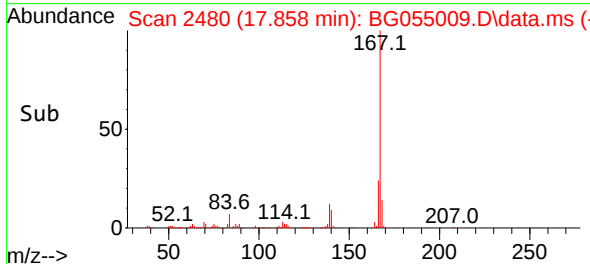
Instrument :
 BNA_G
 ClientSampleId :
 PB147786BS



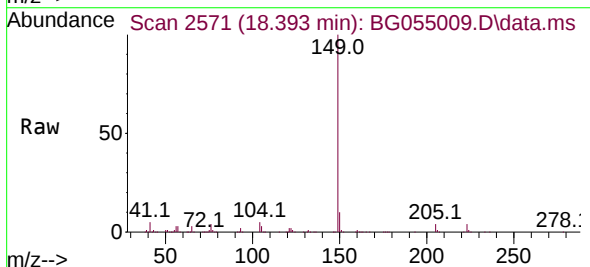
Tgt Ion:167 Resp: 502064
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.8 28.2
 139 12.3 10.2 15.4

Manual Integrations
 APPROVED

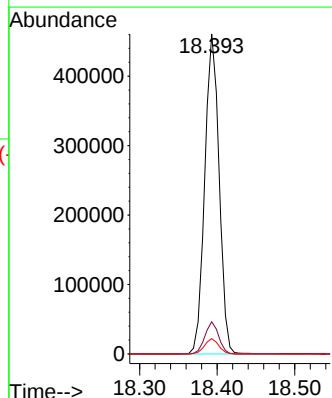
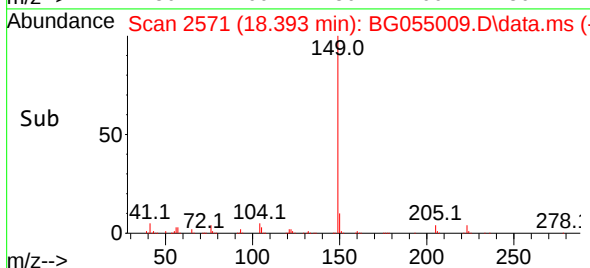
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022

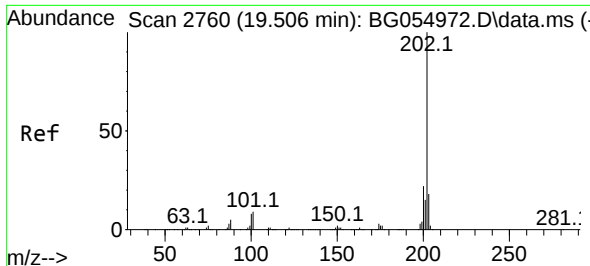


#74
 Di-n-butylphthalate
 Concen: 43.462 ng
 RT: 18.393 min Scan# 2571
 Delta R.T. -0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16



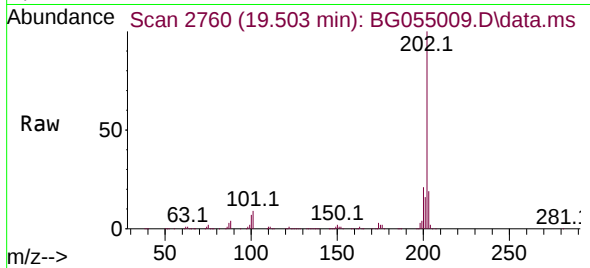
Tgt Ion:149 Resp: 591685
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 4.8 4.4 6.6





#75
Fluoranthene
Concen: 43.116 ng
RT: 19.503 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

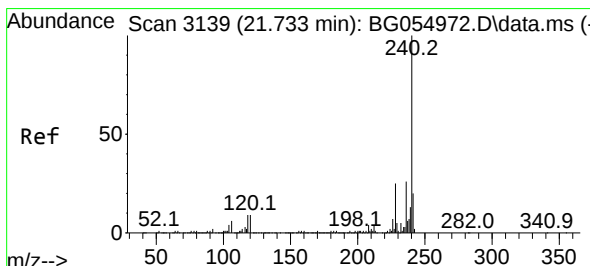
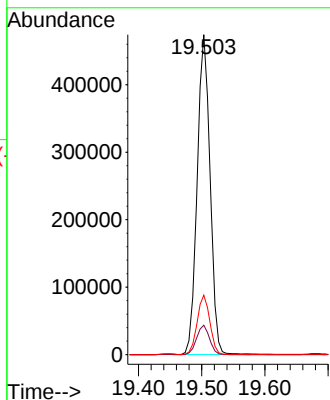
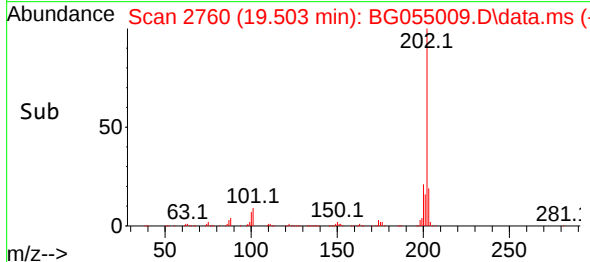
Instrument :
BNA_G
ClientSampleId :
PB147786BS



Tgt Ion:202 Resp: 671076
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 18.6 0.0 38.6

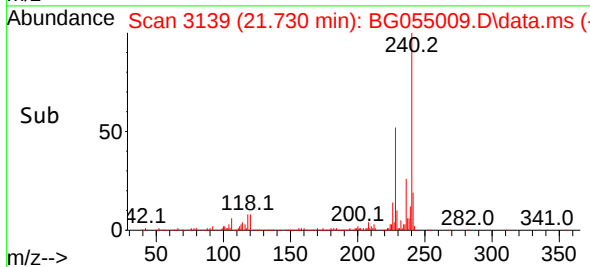
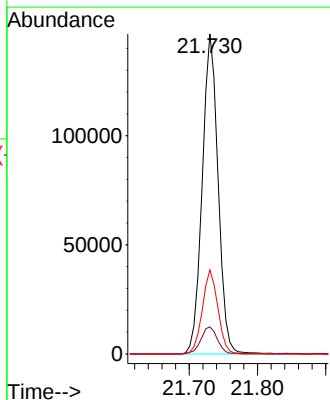
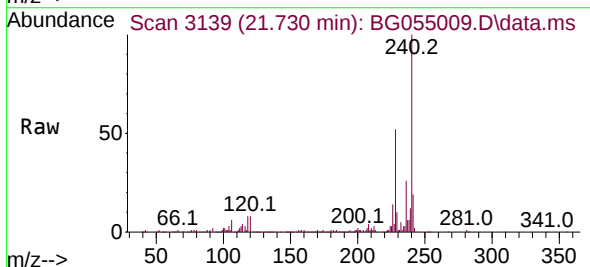
Manual Integrations
APPROVED

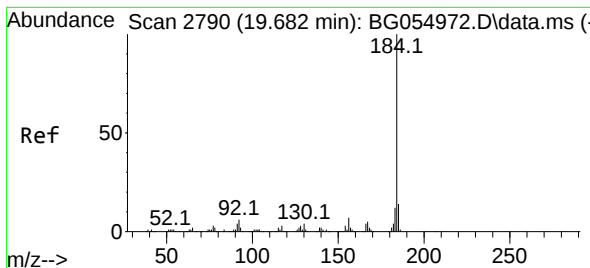
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

Tgt Ion:240 Resp: 237041
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.4
236 26.2 21.2 31.8





#77

Benzidine

Concen: 67.563 ng

RT: 19.680 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

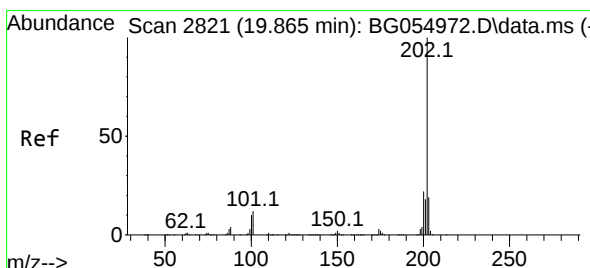
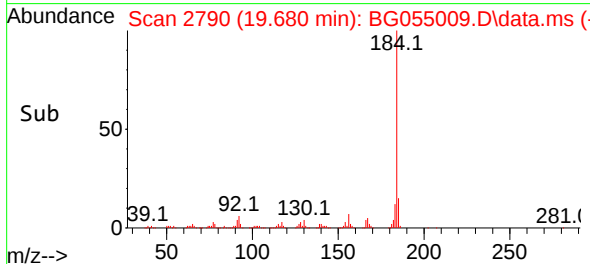
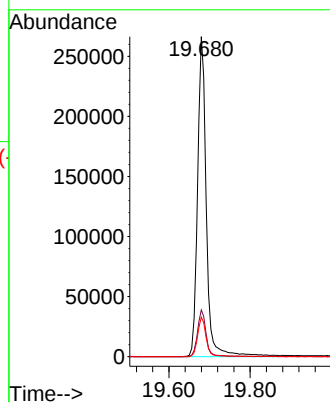
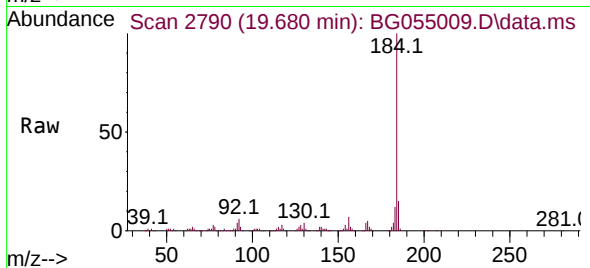
PB147786BS

Tgt Ion:184 Resp: 396790
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.4 17.0
 183 12.3 9.8 14.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#78

Pyrene

Concen: 43.682 ng

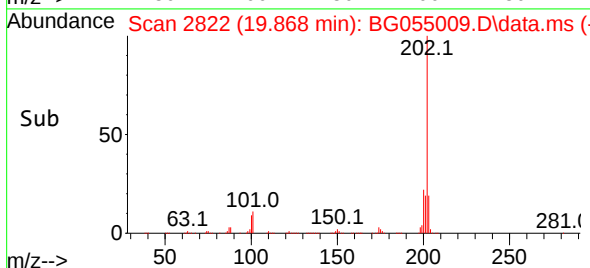
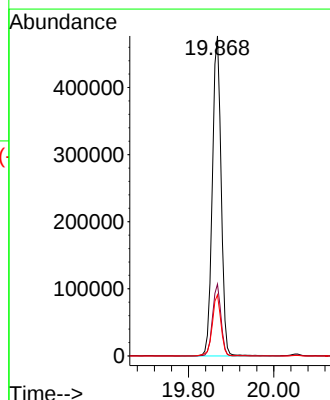
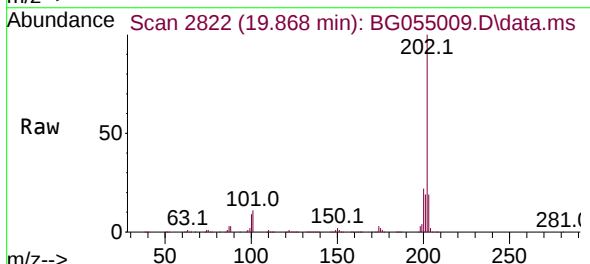
RT: 19.868 min Scan# 2822

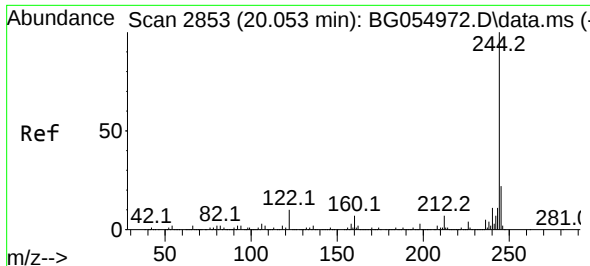
Delta R.T. 0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Tgt Ion:202 Resp: 680693
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.8 26.6
 203 19.1 14.6 21.8





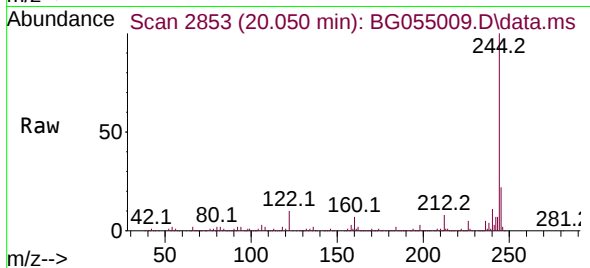
#79
 Terphenyl-d14
 Concen: 91.901 ng
 RT: 20.050 min Scan# 2853
 Delta R.T. -0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB147786BS

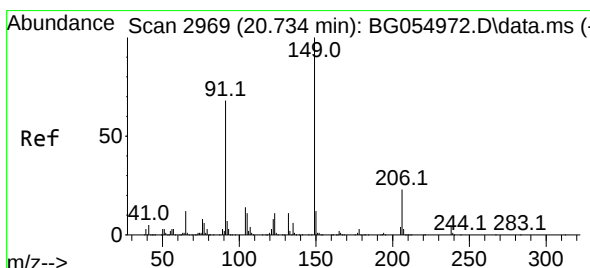
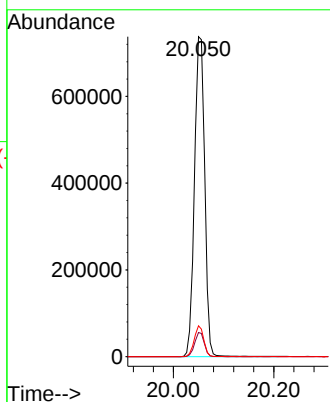
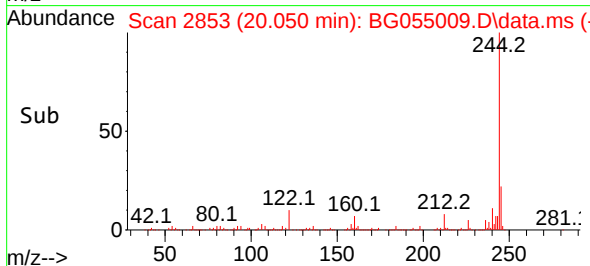


Tgt Ion:244 Resp: 1041404
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 9.0 13.6

Manual Integrations

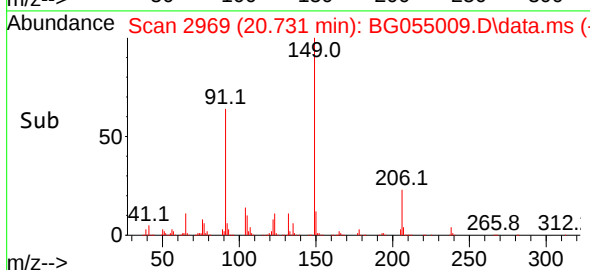
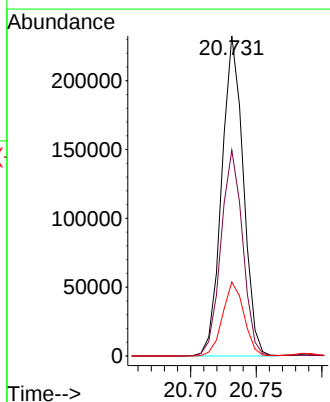
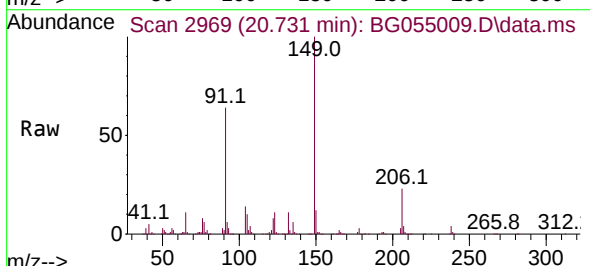
APPROVED

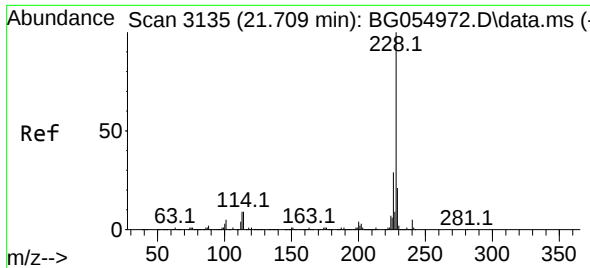
Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#80
 Butylbenzylphthalate
 Concen: 43.879 ng
 RT: 20.731 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16

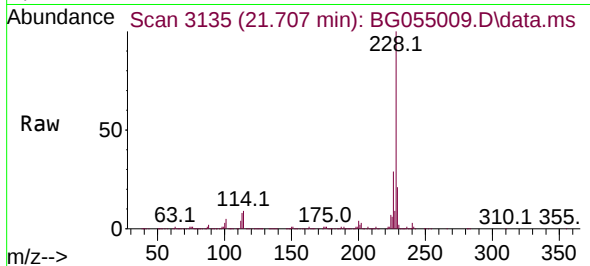
Tgt Ion:149 Resp: 265687
 Ion Ratio Lower Upper
 149 100
 91 64.3 59.5 89.3
 206 23.1 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.149 ng
RT: 21.707 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

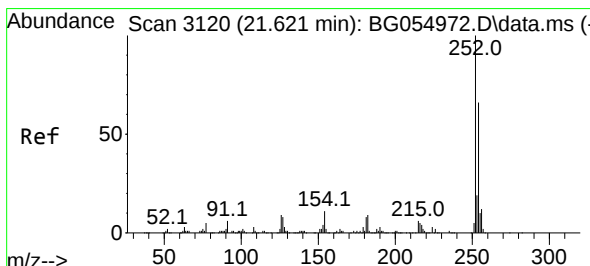
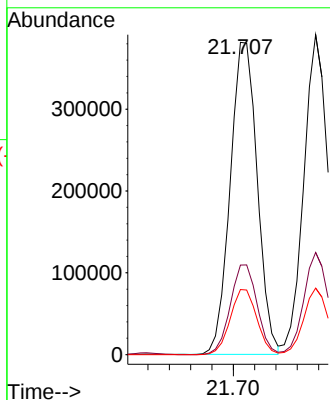
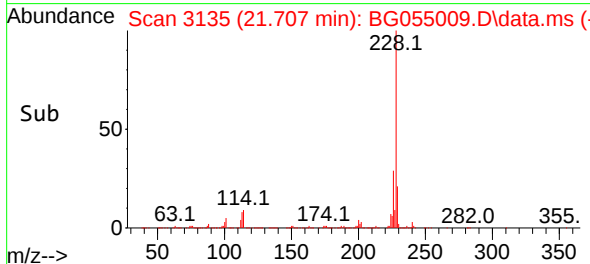
Instrument :
BNA_G
ClientSampleId :
PB147786BS



Tgt Ion:228 Resp: 673052
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 20.8 16.5 24.7

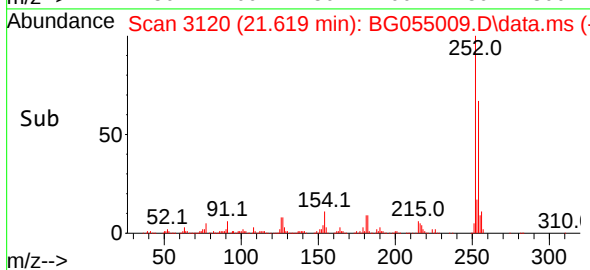
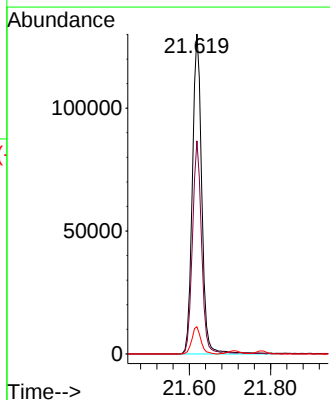
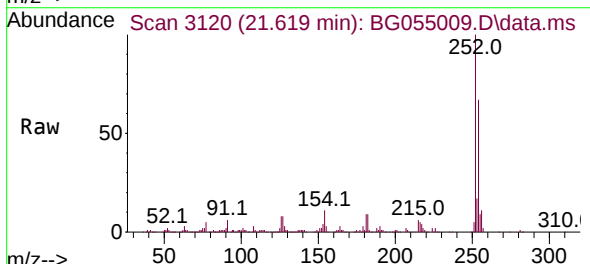
Manual Integrations
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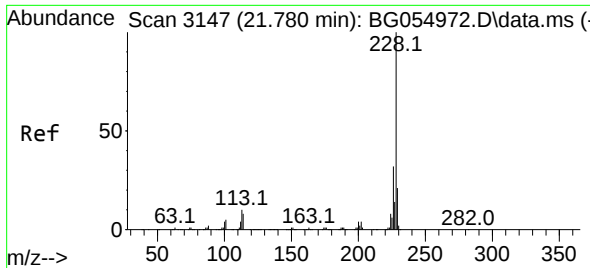
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.255 ng
RT: 21.619 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

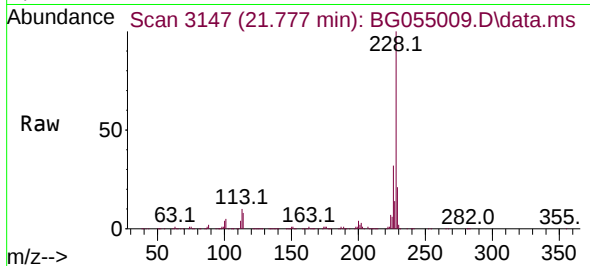
Tgt Ion:252 Resp: 207597
Ion Ratio Lower Upper
252 100
254 66.6 51.4 77.2
126 8.5 8.2 12.2





#83
Chrysene
Concen: 43.166 ng
RT: 21.777 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

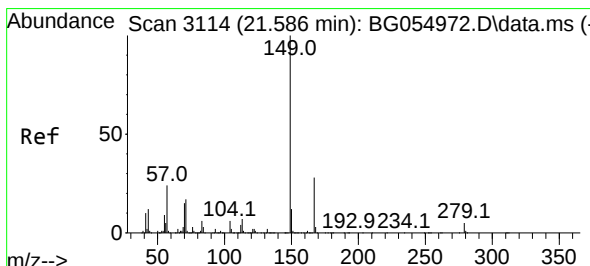
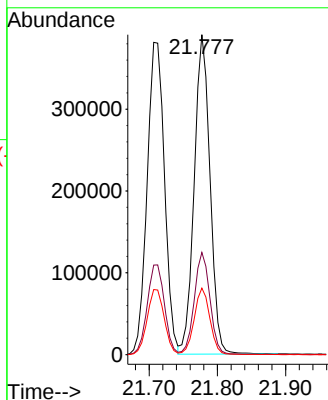
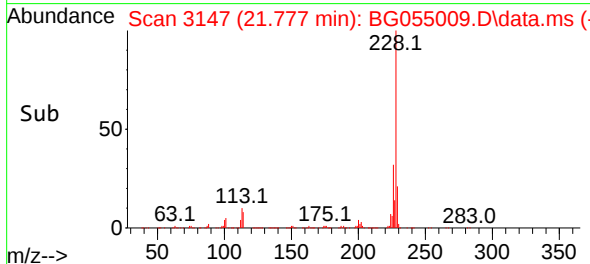
Instrument :
BNA_G
ClientSampleId :
PB147786BS



Tgt Ion:228 Resp: 629955
Ion Ratio Lower Upper
228 100
226 31.9 25.5 38.3
229 20.8 16.8 25.2

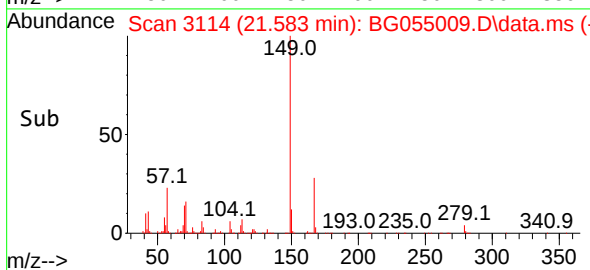
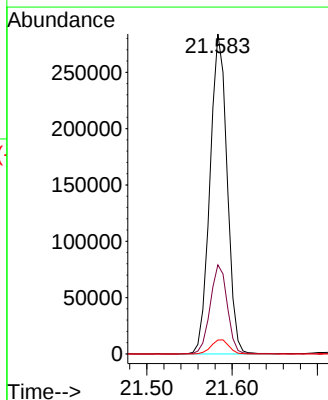
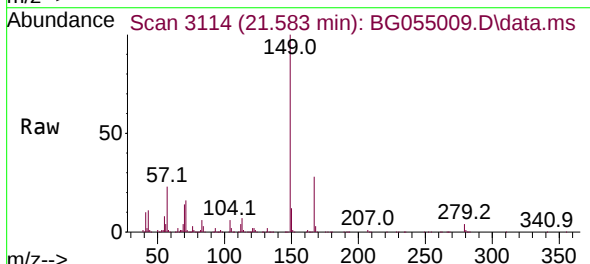
Manual Integrations
APPROVED

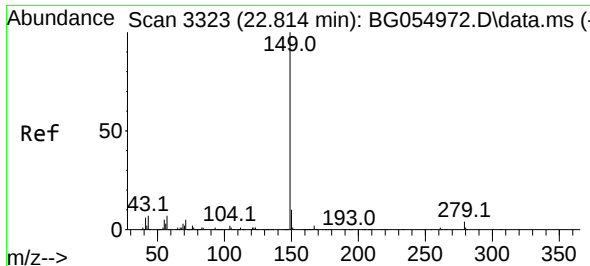
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.633 ng
RT: 21.583 min Scan# 3114
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

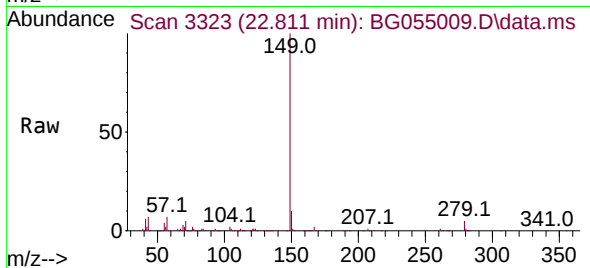
Tgt Ion:149 Resp: 396321
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.302 ng
RT: 22.811 min Scan# 3323
Delta R.T. -0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

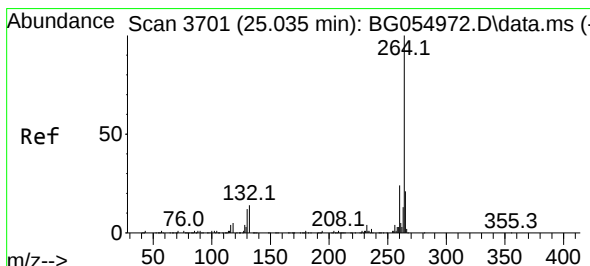
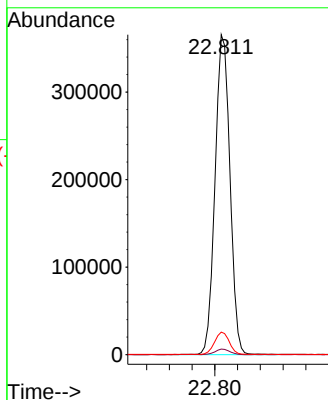
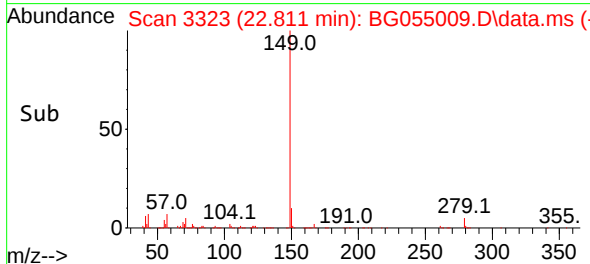
Instrument :
BNA_G
ClientSampleId :
PB147786BS



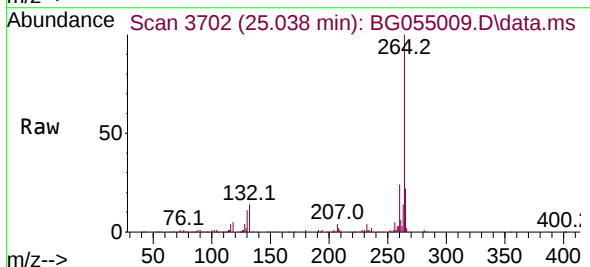
Tgt Ion:149 Resp: 66523
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 6.8 9.0 13.6

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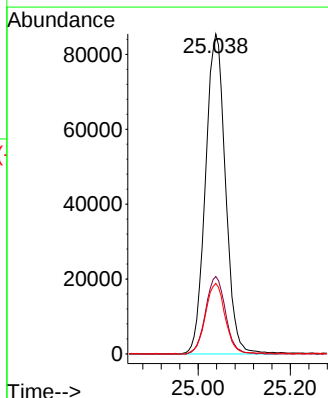
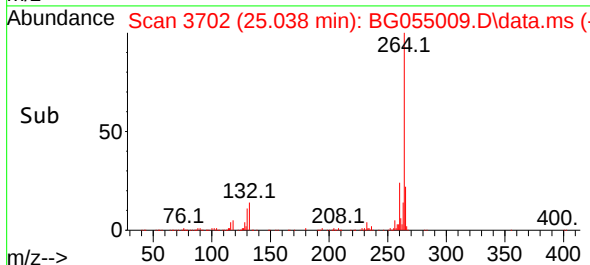
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

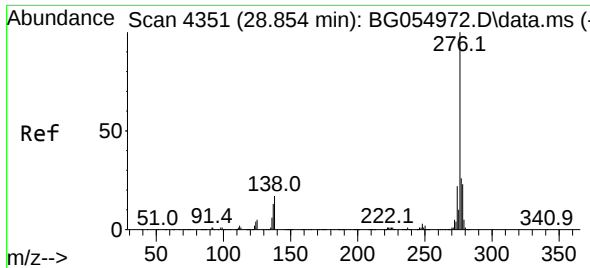


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.038 min Scan# 3702
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



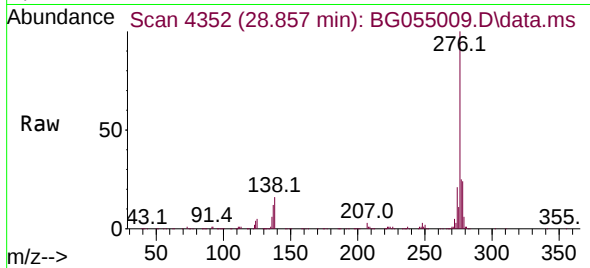
Tgt Ion:264 Resp: 256032
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 22.0 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.124 ng
RT: 28.857 min Scan# 4351
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16

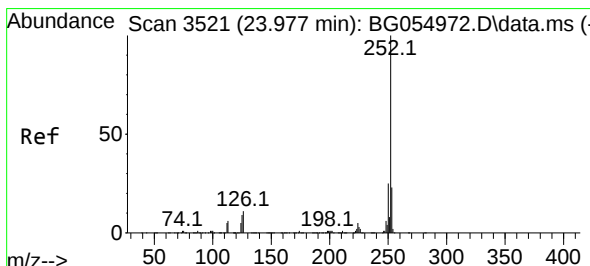
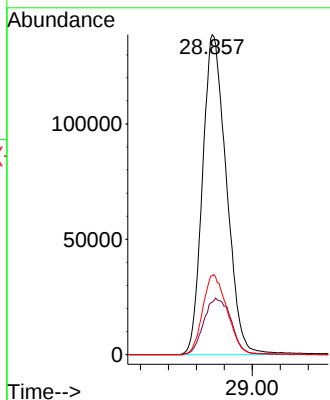
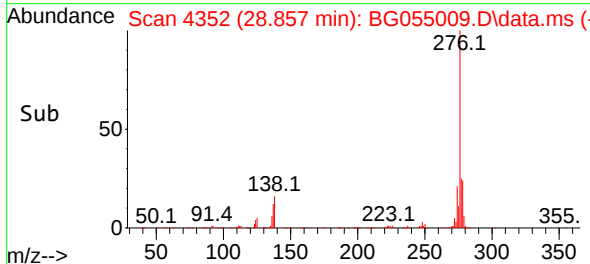
Instrument :
BNA_G
ClientSampleId :
PB147786BS



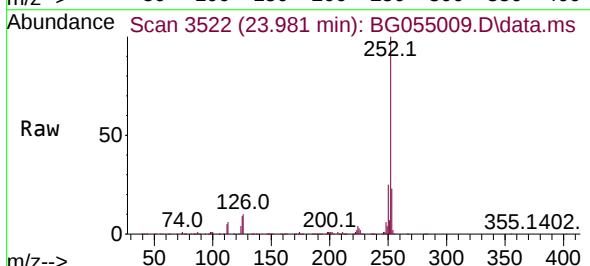
Tgt Ion:276 Resp: 820831
Ion Ratio Lower Upper
276 100
138 20.2 12.0 18.0
277 25.6 20.2 30.4

Manual Integrations
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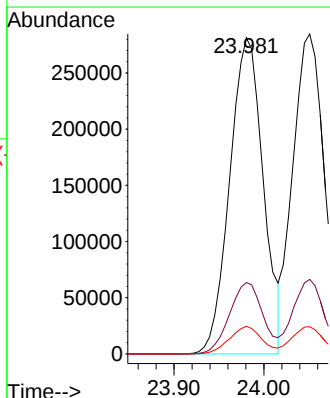
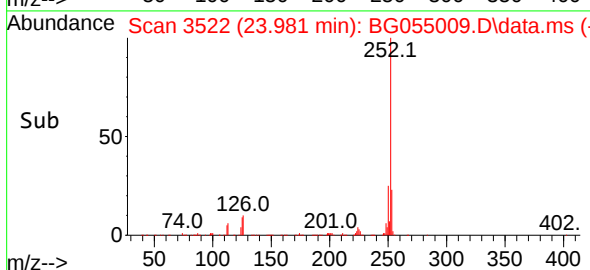
Reviewed By :Christian Giraldo 09/23/2022
Supervised By :Jagrut Upadhyay 09/23/2022

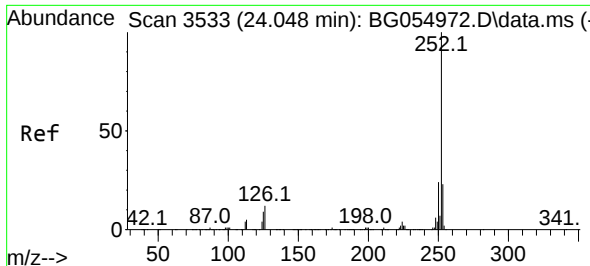


#88
Benzo(b)fluoranthene
Concen: 48.382 ng
RT: 23.981 min Scan# 3522
Delta R.T. 0.003 min
Lab File: BG055009.D
Acq: 22 Sep 2022 15:16



Tgt Ion:252 Resp: 730632
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 8.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.103 ng

RT: 24.051 min Scan# 3533

Delta R.T. 0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

Instrument :

BNA_G

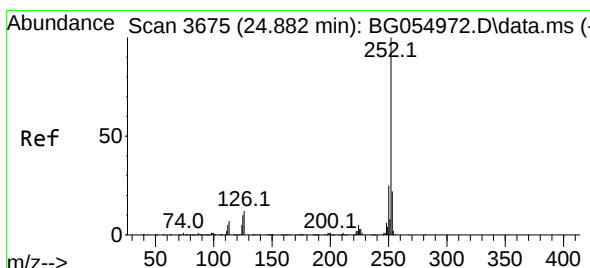
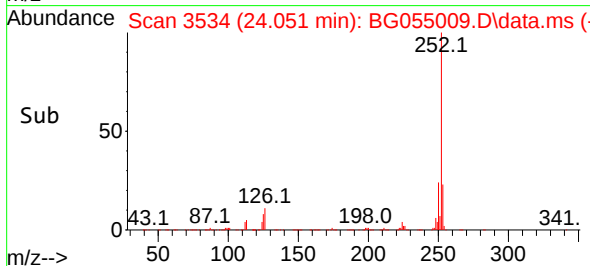
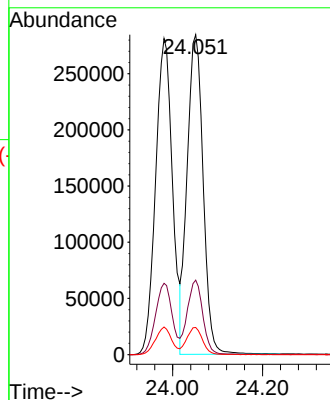
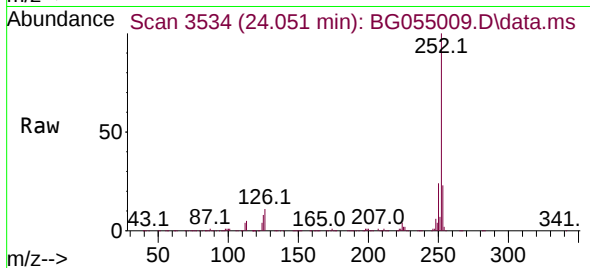
ClientSampleId :

PB147786BS

Tgt Ion:252 Resp: 702852
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.8
 125 8.5 8.2 12.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#90

Benzo(a)pyrene

Concen: 48.863 ng

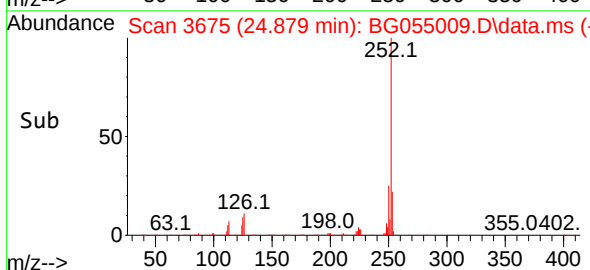
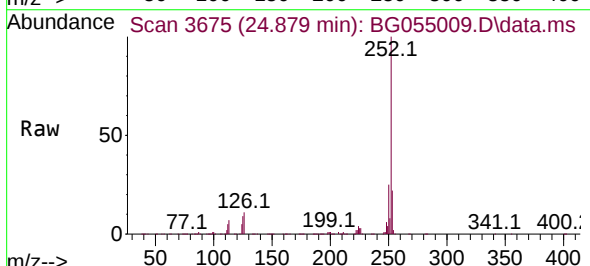
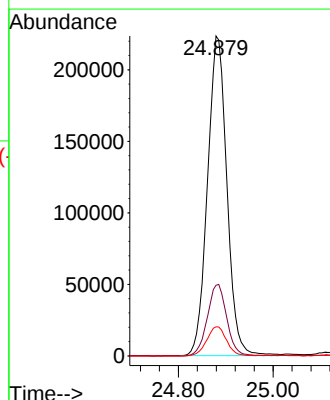
RT: 24.879 min Scan# 3675

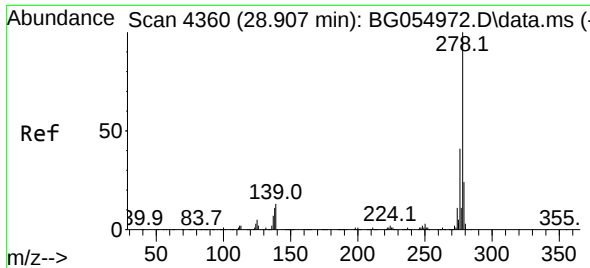
Delta R.T. -0.003 min

Lab File: BG055009.D

Acq: 22 Sep 2022 15:16

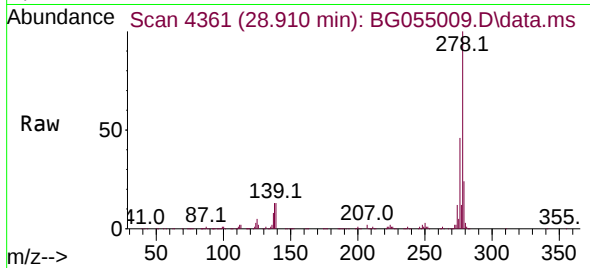
Tgt Ion:252 Resp: 635383
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.3 27.5
 125 9.1 8.8 13.2





#91
 Dibenzo(a,h)anthracene
 Concen: 45.396 ng
 RT: 28.910 min Scan# 4361
 Delta R.T. 0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16

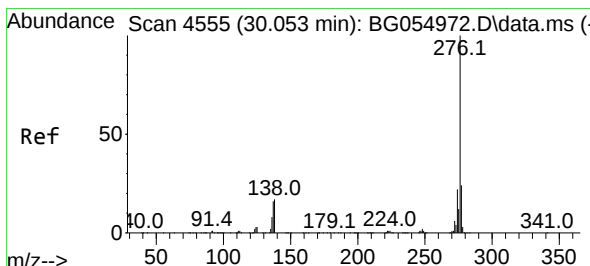
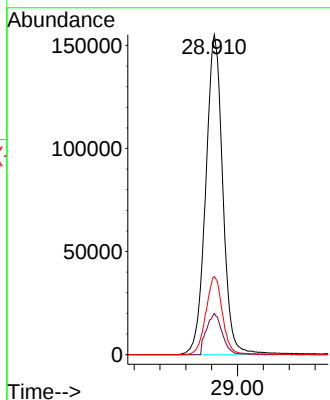
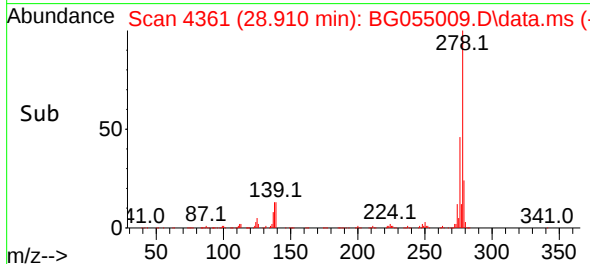
Instrument :
 BNA_G
 ClientSampleId :
 PB147786BS



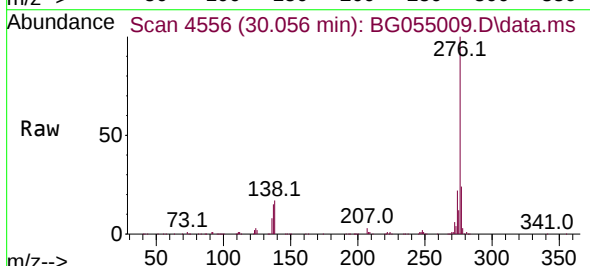
Tgt Ion:278 Resp: 711285
 Ion Ratio Lower Upper
 278 100
 139 12.9 11.4 17.2
 279 24.4 19.3 28.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/23/2022
 Supervised By :Jagrut Upadhyay 09/23/2022



#92
 Benzo(g,h,i)perylene
 Concen: 45.073 ng
 RT: 30.056 min Scan# 4556
 Delta R.T. 0.003 min
 Lab File: BG055009.D
 Acq: 22 Sep 2022 15:16



Tgt Ion:276 Resp: 711973
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.4 29.0
 138 17.3 16.6 25.0

