

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054376.D
 Acq On : 25 Jul 2022 12:21
 Operator : CG/JU
 Sample : PB146375BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:54:15 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 15 15:54:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	18124	20.000	ng	-0.01
21) Naphthalene-d8	10.798	136	70711	20.000	ng	#-0.01
39) Acenaphthene-d10	14.629	164	56969	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	163073	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	183493	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	194728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	117048	134.839	ng	0.00
7) Phenol-d6	7.173	99	154603	129.978	ng	0.00
23) Nitrobenzene-d5	9.153	82	101436	78.119	ng	-0.01
42) 2,4,6-Tribromophenol	16.121	330	159135	133.041	ng	0.00
45) 2-Fluorobiphenyl	13.248	172	313773	77.698	ng	-0.01
79) Terphenyl-d14	19.981	244	826284	89.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	9692	28.065	ng	# 96
3) Pyridine	3.818	79	26537	30.291	ng	94
4) n-Nitrosodimethylamine	3.730	42	22311	45.546	ng	# 80
6) Aniline	7.314	93	58657	42.723	ng	96
8) 2-Chlorophenol	7.560	128	46739	46.853	ng	89
9) Benzaldehyde	7.120	77	23740	38.752	ng	83
10) Phenol	7.202	94	55473	46.940	ng	98
11) bis(2-Chloroethyl)ether	7.402	93	37475	43.492	ng	94
12) 1,3-Dichlorobenzene	7.878	146	51819m	42.633	ng	
13) 1,4-Dichlorobenzene	8.025	146	53925	42.962	ng	98
14) 1,2-Dichlorobenzene	8.348	146	52271	44.161	ng	96
15) Benzyl Alcohol	8.230	79	46070m	47.093	ng	
16) 2,2'-oxybis(1-Chloropr...	8.512	45	47799	44.046	ng	91
17) 2-Methylphenol	8.448	107	39281	46.116	ng	96
18) Hexachloroethane	9.076	117	18560	44.657	ng	# 64
19) n-Nitroso-di-n-propyla...	8.794	70	33724	42.458	ng	94
20) 3+4-Methylphenols	8.777	107	51934	43.272	ng	97
22) Acetophenone	8.812	105	71140	41.830	ng	# 97
24) Nitrobenzene	9.194	77	51611	40.671	ng	# 89
25) Isophorone	9.723	82	96276	42.633	ng	# 93
26) 2-Nitrophenol	9.911	139	26664	41.686	ng	92
27) 2,4-Dimethylphenol	9.981	122	43381	49.095	ng	92
28) bis(2-Chloroethoxy)met...	10.198	93	51412	45.139	ng	# 98
29) 2,4-Dichlorophenol	10.463	162	57148	42.847	ng	89
30) 1,2,4-Trichlorobenzene	10.663	180	66929	40.518	ng	# 94
31) Naphthalene	10.851	128	141886	39.973	ng	99
32) Benzoic acid	10.146	122	16106	46.254	ng	# 82
33) 4-Chloroaniline	10.962	127	56032	38.818	ng	94
34) Hexachlorobutadiene	11.133	225	58033	39.754	ng	99
35) Caprolactam	11.732	113	16564m	49.323	ng	
36) 4-Chloro-3-methylphenol	12.096	107	54351	44.793	ng	90
37) 2-Methylnaphthalene	12.455	142	110170	40.417	ng	99
38) 1-Methylnaphthalene	12.678	142	105456	39.704	ng	97
40) 1,2,4,5-Tetrachloroben...	12.825	216	102032	40.880	ng	# 95
41) Hexachlorocyclopentadiene	12.807	237	61478	76.286	ng	97
43) 2,4,6-Trichlorophenol	13.072	196	59220	43.576	ng	96

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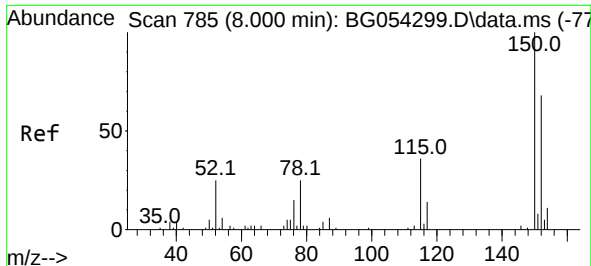
Manual Integrations
 APPROVED

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 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:54:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	63768	41.529	ng	# 92
46) 1,1'-Biphenyl	13.459	154	162214	41.621	ng	97
47) 2-Chloronaphthalene	13.506	162	134819	41.334	ng	94
48) 2-Nitroaniline	13.706	65	38335	45.035	ng	90
49) Acenaphthylene	14.352	152	203279	41.943	ng	100
50) Dimethylphthalate	14.076	163	189405	42.564	ng	# 99
51) 2,6-Dinitrotoluene	14.200	165	42731	43.781	ng	# 76
52) Acenaphthene	14.693	154	123042	41.925	ng	97
53) 3-Nitroaniline	14.535	138	31794	38.949	ng	88
54) 2,4-Dinitrophenol	14.752	184	50268	88.012	ng	# 81
55) Dibenzofuran	15.028	168	220165	42.162	ng	95
56) 4-Nitrophenol	14.875	139	51687	94.907	ng	96
57) 2,4-Dinitrotoluene	14.993	165	64873	46.364	ng	# 84
58) Fluorene	15.674	166	184247	42.914	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.263	232	64468	43.124	ng	# 85
60) Diethylphthalate	15.439	149	188886	44.248	ng	95
61) 4-Chlorophenyl-phenyle...	15.663	204	123301	43.751	ng	# 87
62) 4-Nitroaniline	15.698	138	38553	44.955	ng	86
63) Azobenzene	15.956	77	134460	43.594	ng	83
65) 4,6-Dinitro-2-methylph...	15.768	198	41440	41.132	ng	74
66) n-Nitrosodiphenylamine	15.880	169	172271	42.312	ng	96
67) 4-Bromophenyl-phenylether	16.556	248	95864	41.857	ng	# 91
68) Hexachlorobenzene	16.685	284	110566	42.215	ng	# 91
69) Atrazine	16.826	200	90728	50.077	ng	93
70) Pentachlorophenol	17.032	266	91273	80.329	ng	93
71) Phenanthrene	17.414	178	338761	41.715	ng	98
72) Anthracene	17.508	178	344724	43.257	ng	99
73) Carbazole	17.772	167	296362	45.170	ng	99
74) Di-n-butylphthalate	18.324	149	340925	44.033	ng	99
75) Fluoranthene	19.429	202	474440	42.857	ng	96
77) Benzidine	19.599	184	249516	75.083	ng	98
78) Pyrene	19.787	202	471495	44.782	ng	98
80) Butylbenzylphthalate	20.663	149	142039	43.290	ng	# 86
81) Benzo(a)anthracene	21.620	228	496688	42.641	ng	98
82) 3,3'-Dichlorobenzidine	21.526	252	143080	39.497	ng	# 96
83) Chrysene	21.685	228	464812	42.238	ng	98
84) Bis(2-ethylhexyl)phtha...	21.515	149	200746	43.239	ng	# 92
85) Di-n-octyl phthalate	22.713	149	335351	42.340	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.506	276	615258	41.533	ng	# 98
88) Benzo(b)fluoranthene	23.824	252	520657	45.212	ng	# 97
89) Benzo(k)fluoranthene	23.888	252	510211	44.517	ng	# 97
90) Benzo(a)pyrene	24.687	252	461135	46.888	ng	# 98
91) Dibenzo(a,h)anthracene	28.565	278	539910	44.323	ng	# 95
92) Benzo(g,h,i)perylene	29.658	276	530975	44.165	ng	# 92

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



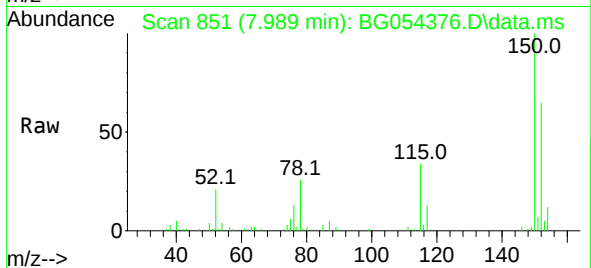
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

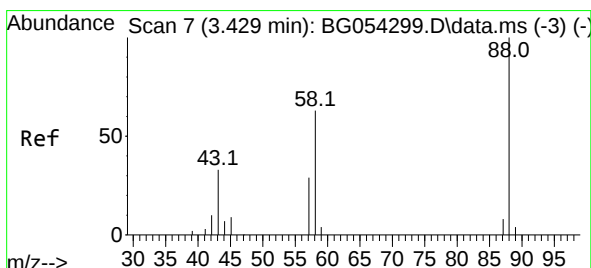
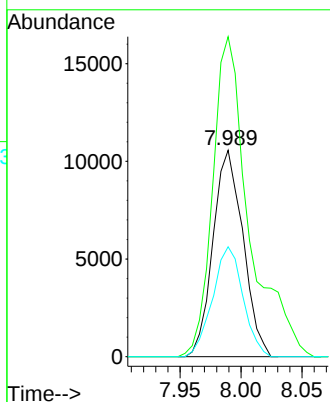
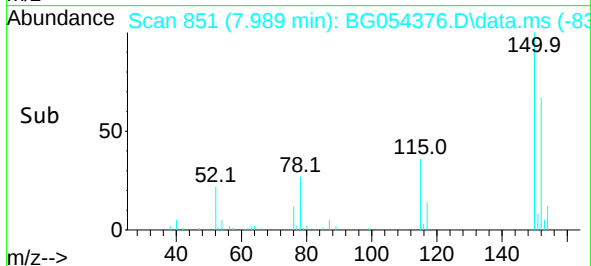


Tgt Ion:152 Resp: 18124
Ion Ratio Lower Upper
152 100
150 155.0 131.6 197.4
115 53.3 50.9 76.3

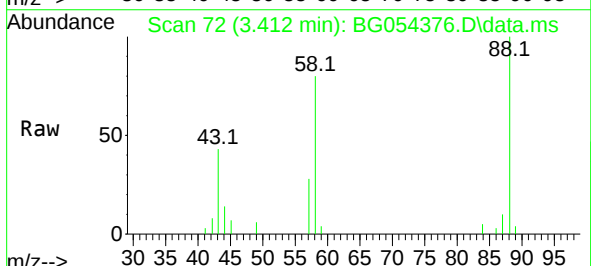
Manual Integrations

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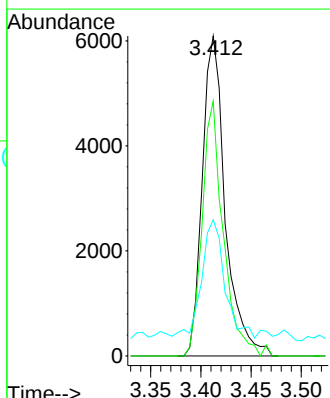
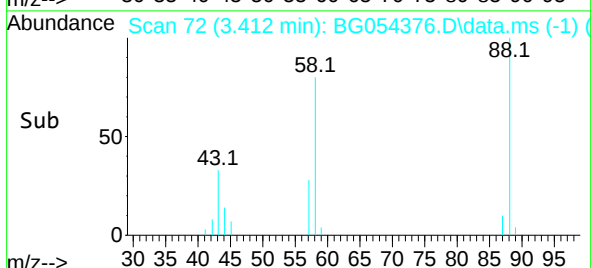
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#2
1,4-Dioxane
Concen: 28.065 ng
RT: 3.412 min Scan# 72
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion: 88 Resp: 9692
Ion Ratio Lower Upper
88 100
58 73.8 59.2 88.8
43 36.6 24.3 36.5





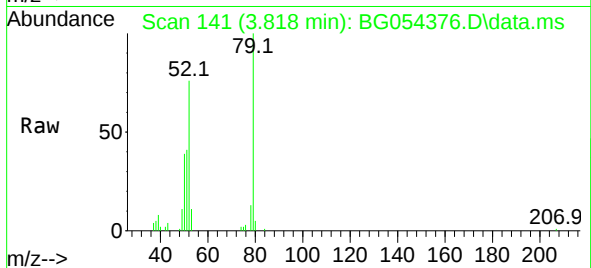
#3
Pyridine
Concen: 30.291 ng
RT: 3.818 min Scan# 14
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

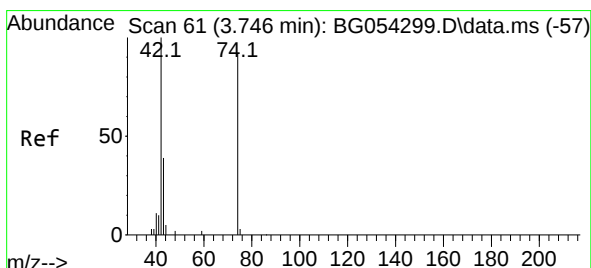
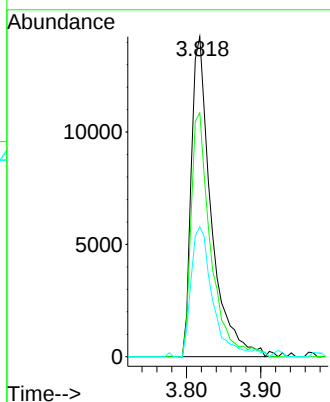
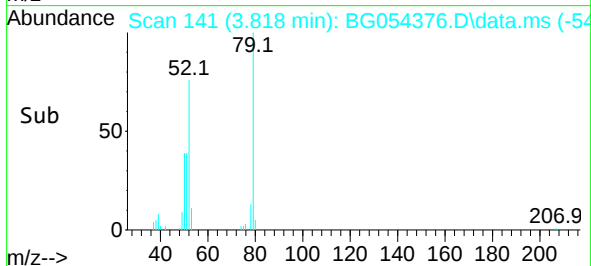
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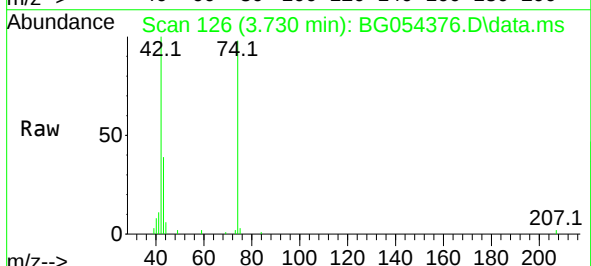
Tgt Ion: 79 Resp: 2653
Ion Ratio Lower Upper
79 100
52 76.2 54.6 81.8
51 40.6 32.5 48.7

Manual Integrations
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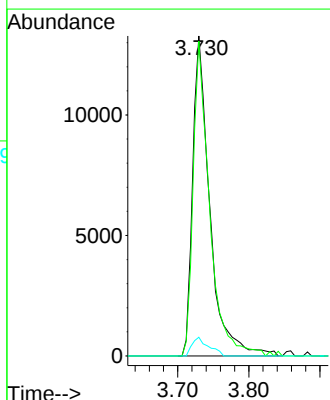
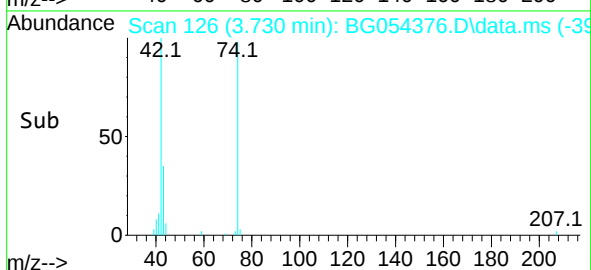
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

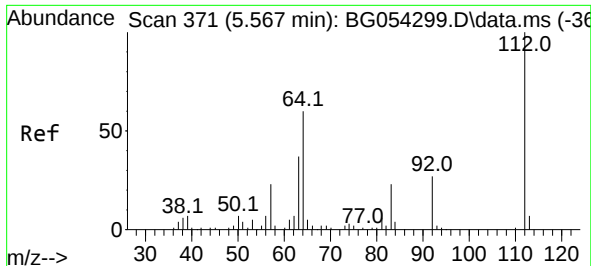


#4
n-Nitrosodimethylamine
Concen: 45.546 ng
RT: 3.730 min Scan# 126
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion: 42 Resp: 22311
Ion Ratio Lower Upper
42 100
74 98.4 97.0 145.4
44 5.9 7.0 10.4





#5
2-Fluorophenol
Concen: 134.839 ng
RT: 5.563 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

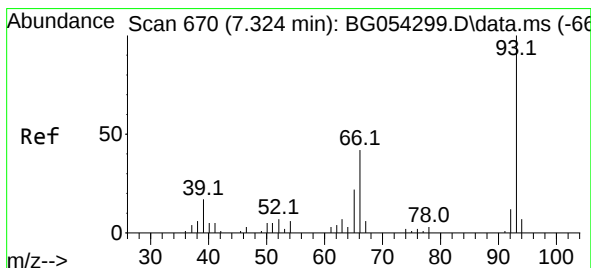
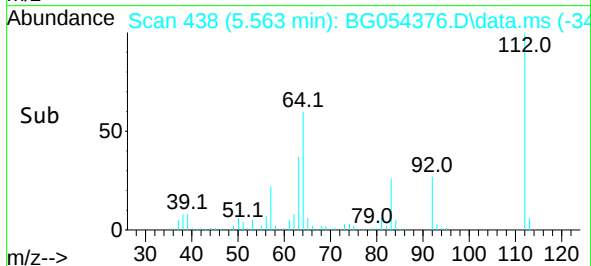
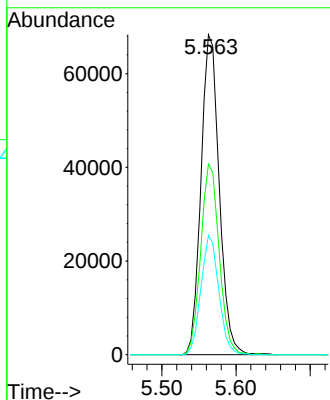
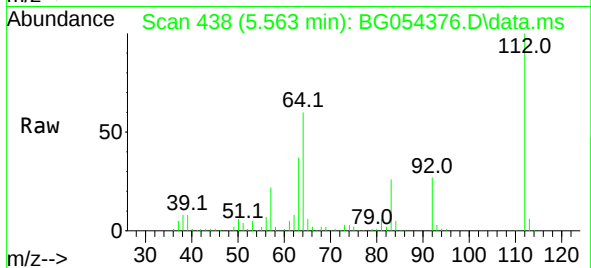
PB146375BS

Tgt Ion:112 Resp: 117048
Ion Ratio Lower Upper
112 100
64 59.5 55.1 82.7
63 37.3 30.4 45.6

Manual Integrations

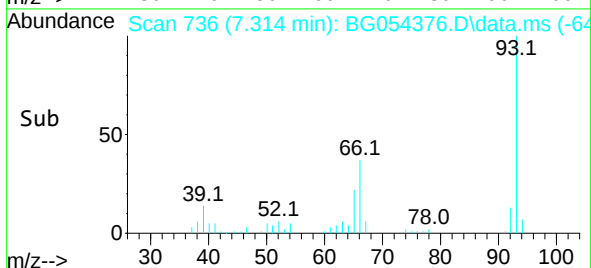
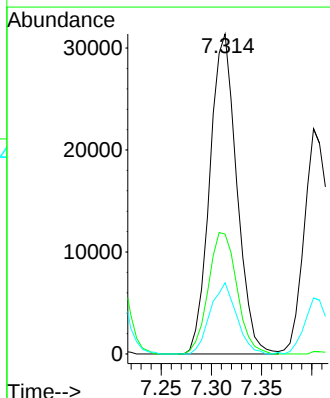
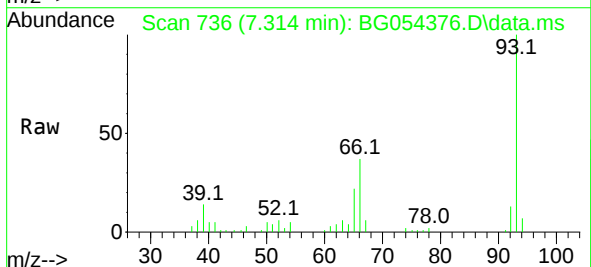
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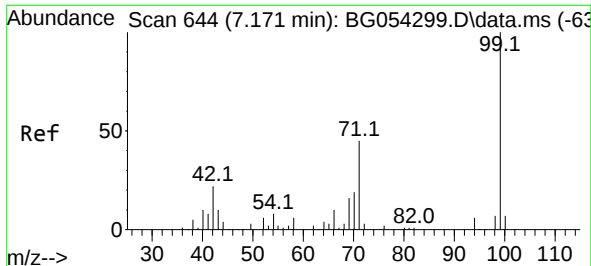
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#6
Aniline
Concen: 42.723 ng
RT: 7.314 min Scan# 736
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

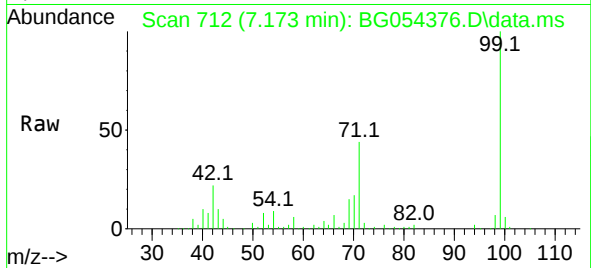
Tgt Ion: 93 Resp: 58657
Ion Ratio Lower Upper
93 100
66 37.4 32.9 49.3
65 22.3 17.8 26.8





#7
Phenol-d6
Concen: 129.978 ng
RT: 7.173 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

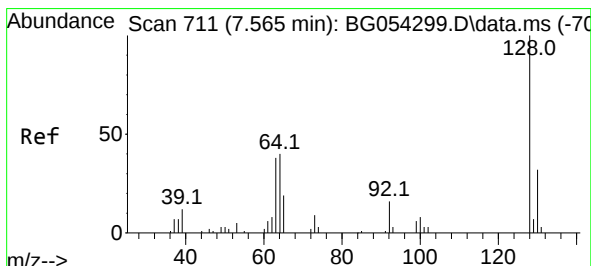
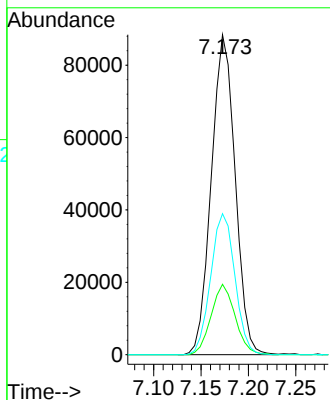
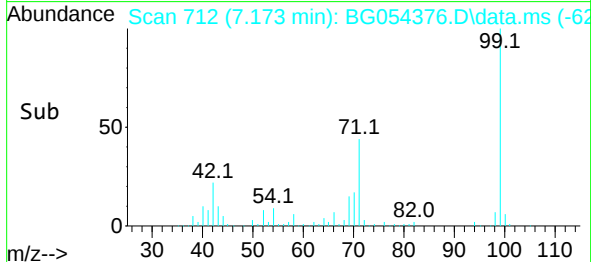
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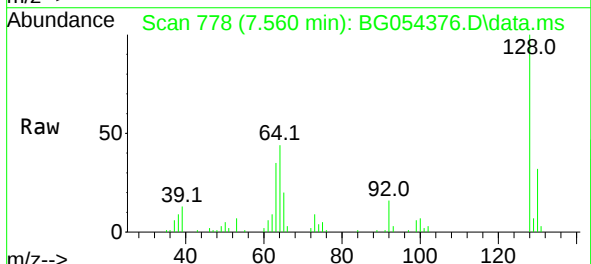
Tgt Ion: 99 Resp: 15460
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 44.1 33.8 50.8

Manual Integrations
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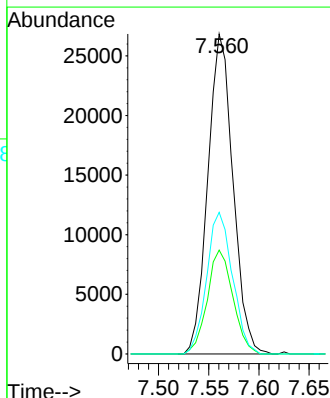
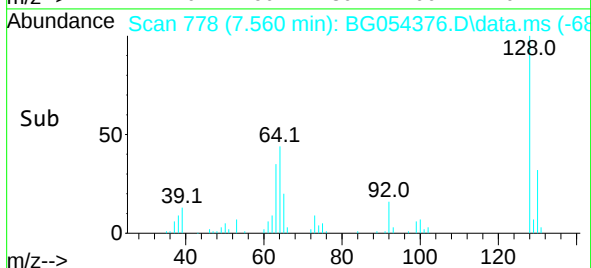
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#8
2-Chlorophenol
Concen: 46.853 ng
RT: 7.560 min Scan# 778
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:128 Resp: 46739
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 44.2 35.1 75.1





#9
Benzaldehyde
Concen: 38.752 ng
RT: 7.120 min Scan# 703
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

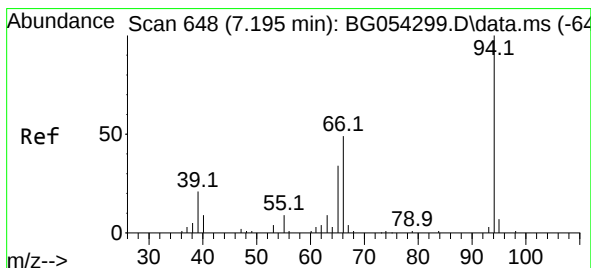
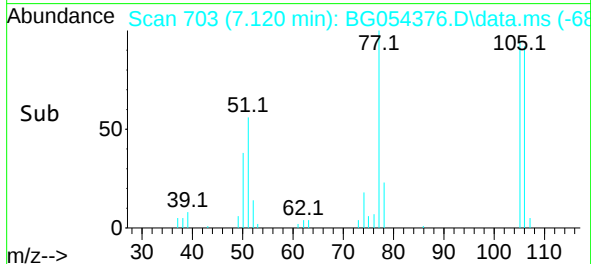
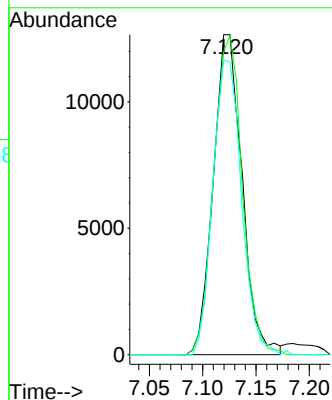
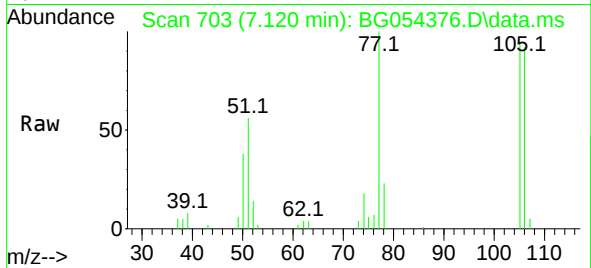
ClientSampleId :

PB146375BS

Tgt Ion: 77 Resp: 23740
Ion Ratio Lower Upper
77 100
105 94.7 59.6 99.6
106 92.1 56.8 96.8

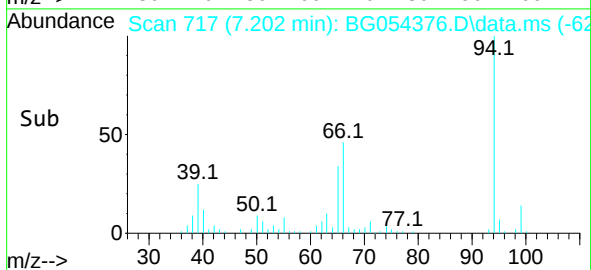
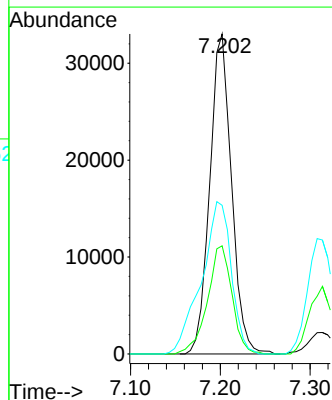
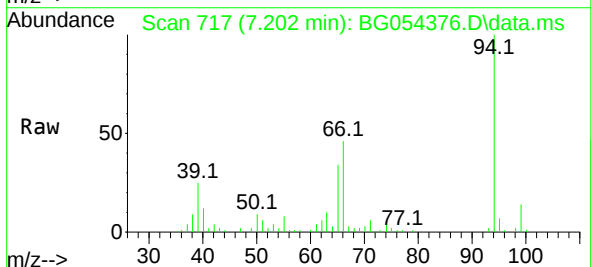
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#10
Phenol
Concen: 46.940 ng
RT: 7.202 min Scan# 717
Delta R.T. 0.007 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

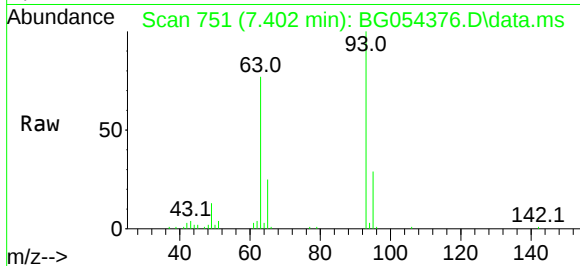
Tgt Ion: 94 Resp: 55473
Ion Ratio Lower Upper
94 100
65 33.8 14.8 54.8
66 46.4 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 43.492 ng
RT: 7.402 min Scan# 71
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

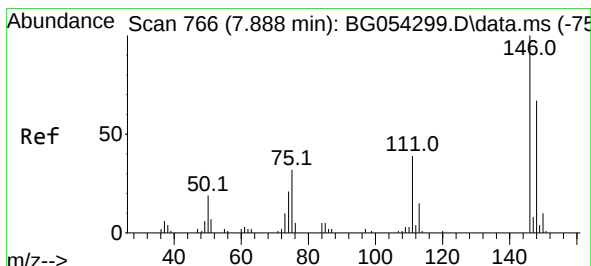
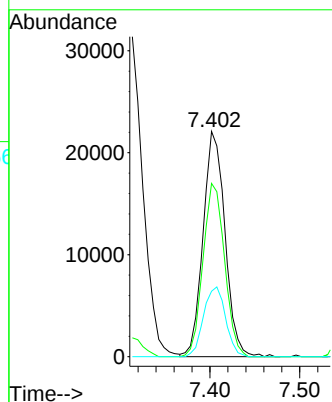
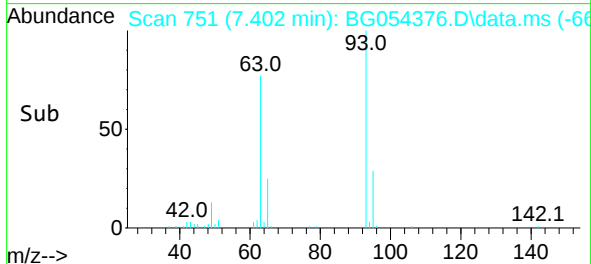
Instrument :
BNA_G
ClientSampleId :
PB146375BS



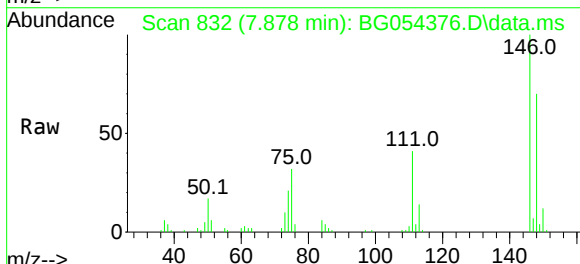
Tgt Ion: 93 Resp: 37475
Ion Ratio Lower Upper
93 100
63 76.9 63.6 103.6
95 29.0 10.1 50.1

Manual Integrations
APPROVED

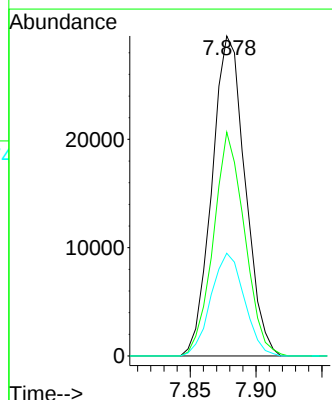
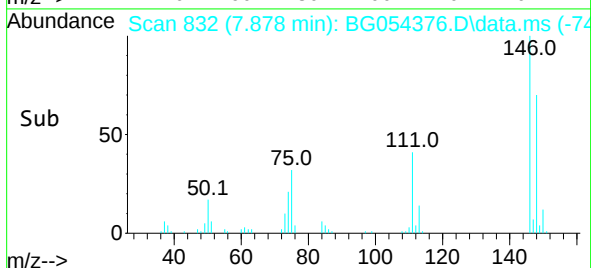
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

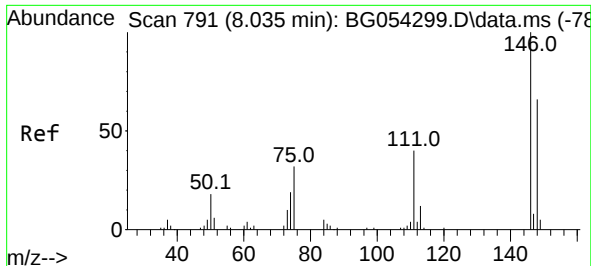


#12
1,3-Dichlorobenzene
Concen: 42.633 ng m
RT: 7.878 min Scan# 832
Delta R.T. -0.010 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:146 Resp: 51819
Ion Ratio Lower Upper
146 100
148 70.0 46.1 69.1#
75 32.1 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 42.962 ng
RT: 8.025 min Scan# 811
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

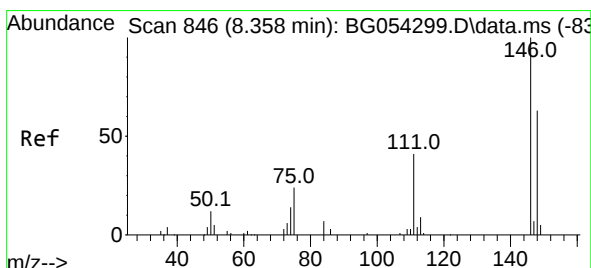
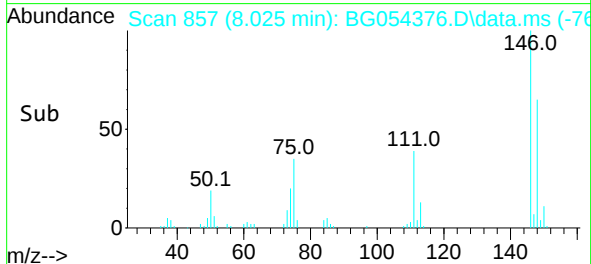
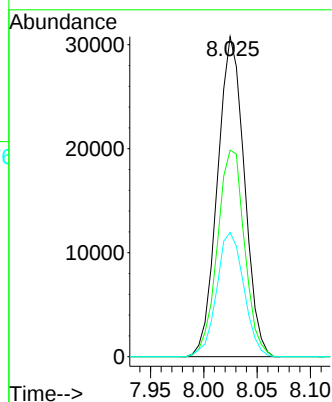
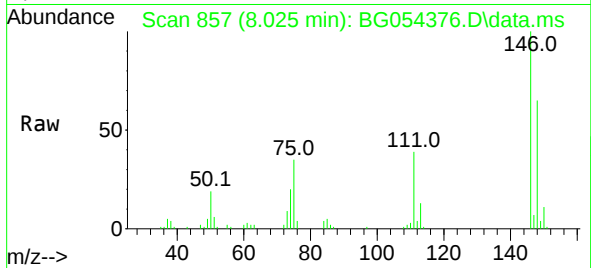
ClientSampleId :

PB146375BS

Tgt Ion:146 Resp: 53925
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 38.8 33.9 50.9

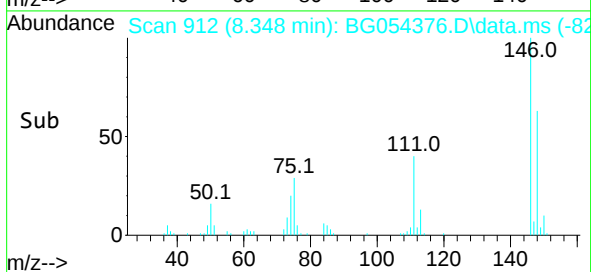
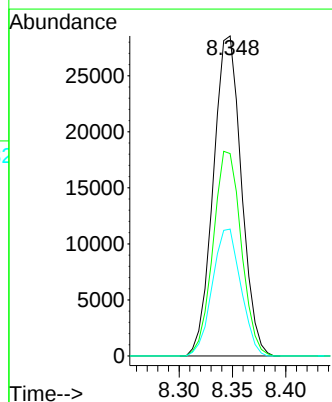
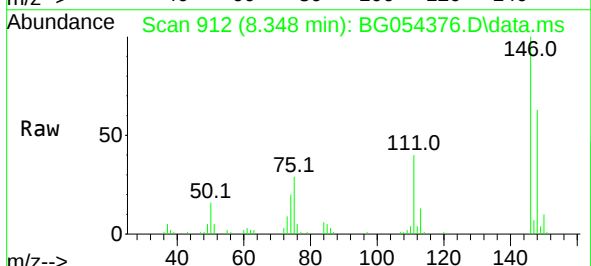
Manual Integrations
APPROVED

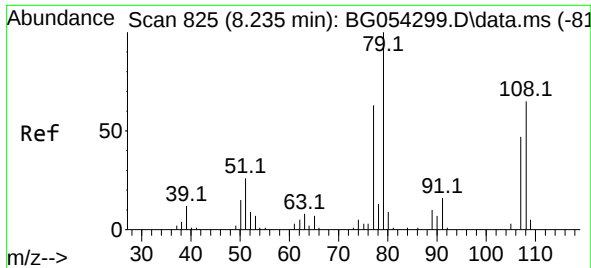
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#14
1,2-Dichlorobenzene
Concen: 44.161 ng
RT: 8.348 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:146 Resp: 52271
Ion Ratio Lower Upper
146 100
148 63.2 52.6 78.8
111 39.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.093 ng m
RT: 8.230 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

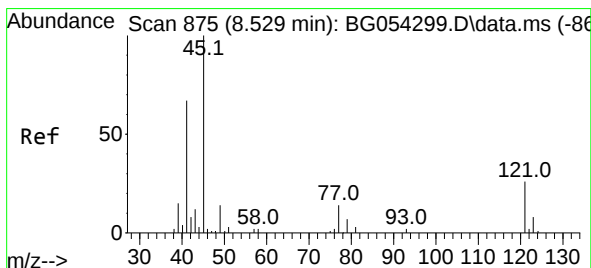
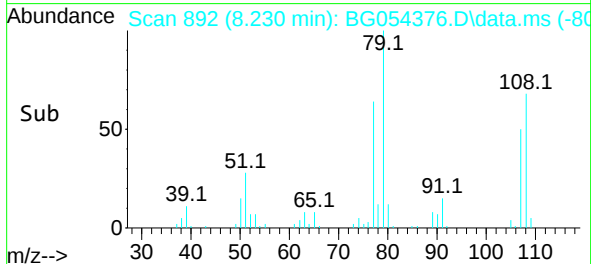
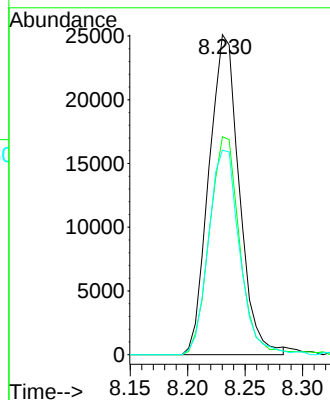
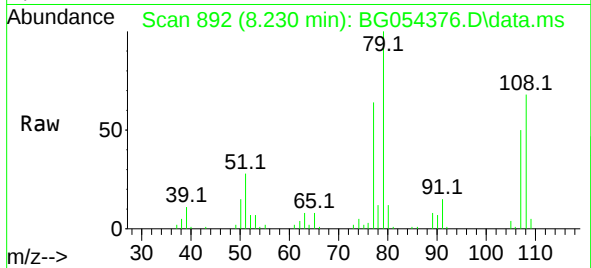
ClientSampleId :

PB146375BS

Tgt Ion: 79 Resp: 46070
Ion Ratio Lower Upper
79 100
108 68.1 53.7 80.5
77 63.9 52.2 78.4

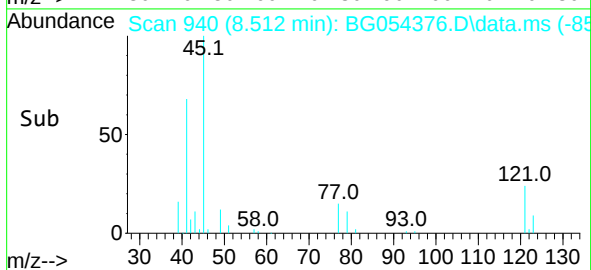
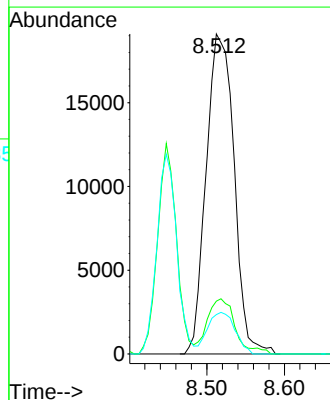
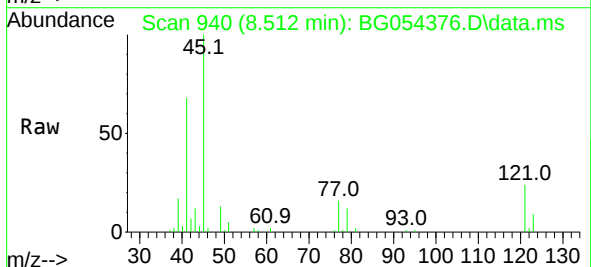
Manual Integrations
APPROVED

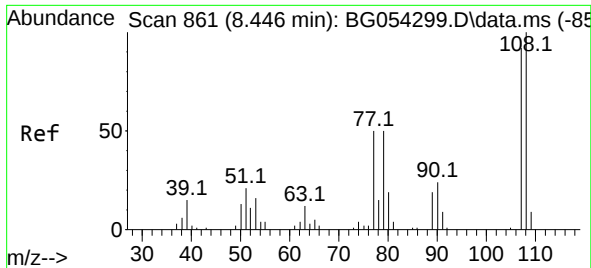
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.046 ng
RT: 8.512 min Scan# 940
Delta R.T. -0.016 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion: 45 Resp: 47799
Ion Ratio Lower Upper
45 100
77 16.5 0.0 32.7
79 12.3 0.0 29.7





#17
2-Methylphenol
Concen: 46.116 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

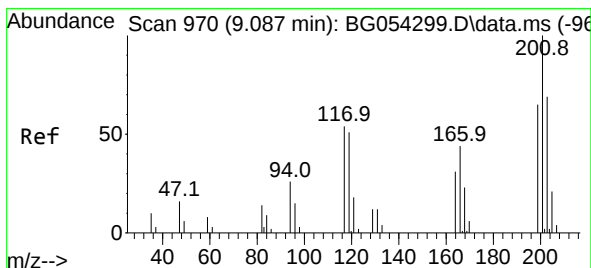
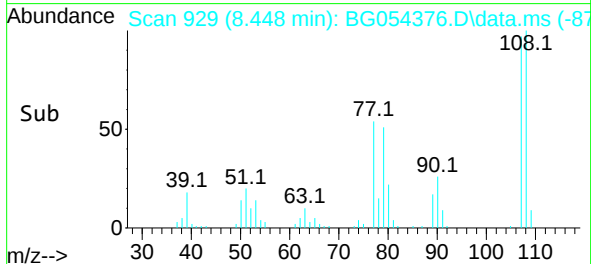
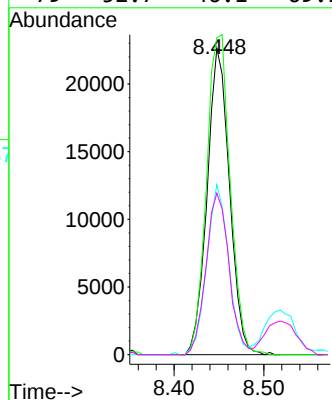
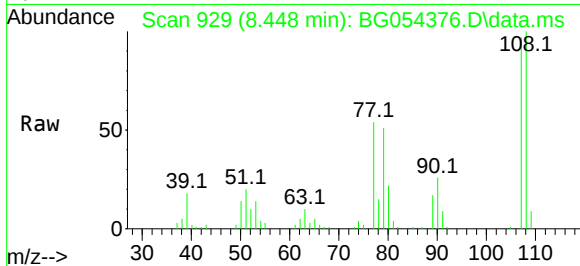
ClientSampleId :

PB146375BS

Tgt Ion:107 Resp: 3928
Ion Ratio Lower Upper
107 100
108 103.5 85.4 128.0
77 55.5 46.2 69.2
79 52.7 46.1 69.1

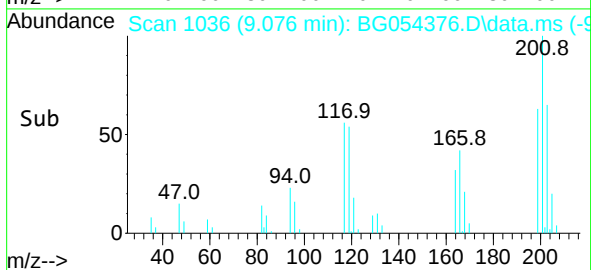
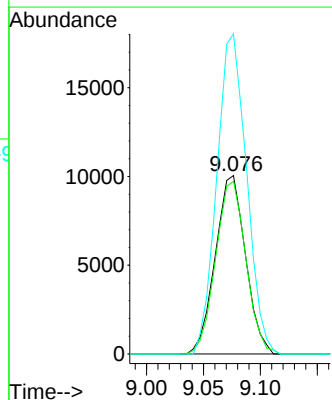
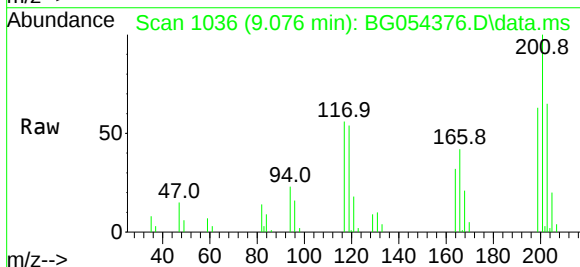
Manual Integrations
APPROVED

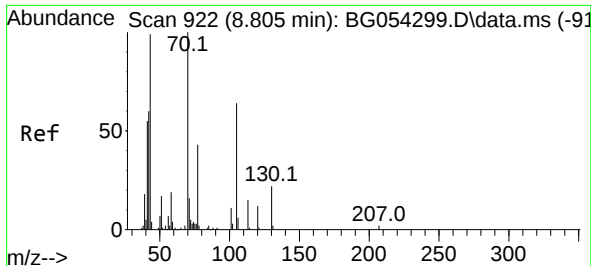
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#18
Hexachloroethane
Concen: 44.657 ng
RT: 9.076 min Scan# 1036
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:117 Resp: 18560
Ion Ratio Lower Upper
117 100
119 96.8 75.0 112.6
201 179.4 89.0 133.6#





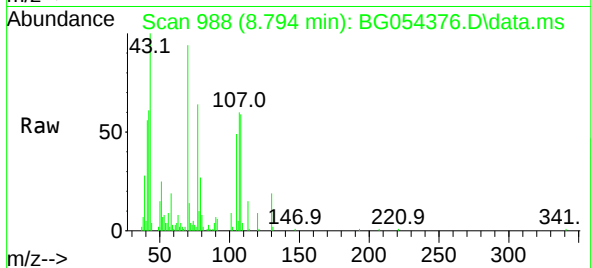
#19
n-Nitroso-di-n-propylamine
Concen: 42.458 ng
RT: 8.794 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

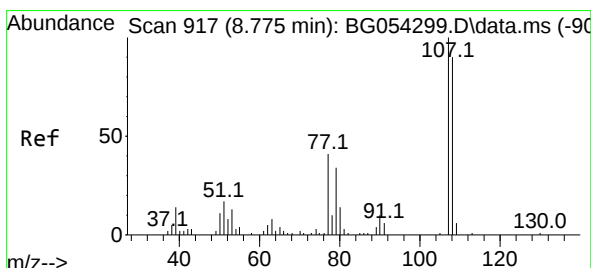
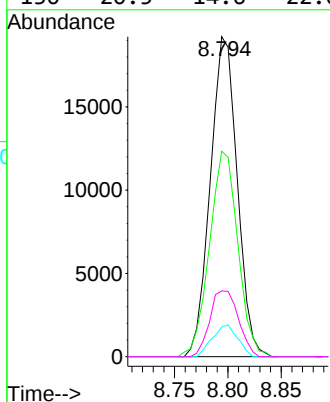
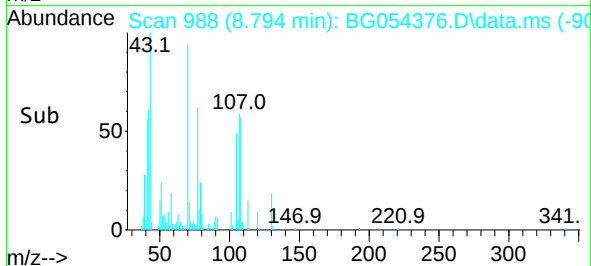


Tgt Ion: 70 Resp: 33724
Ion Ratio Lower Upper
70 100
42 64.2 47.3 70.9
101 9.2 7.0 10.4
130 20.5 14.6 22.0

Manual Integrations

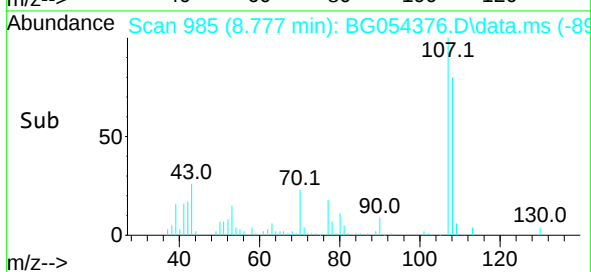
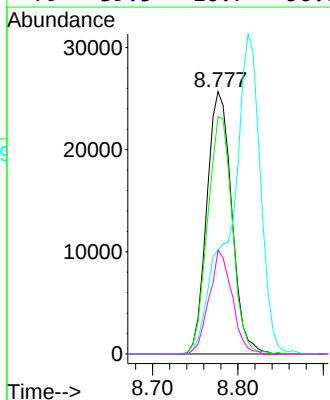
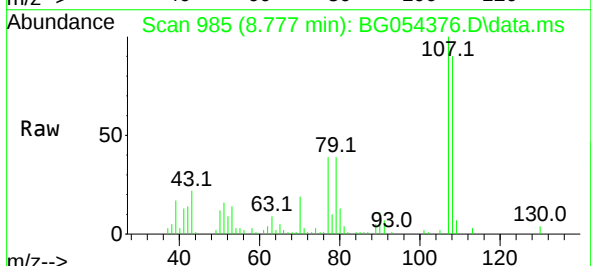
APPROVED

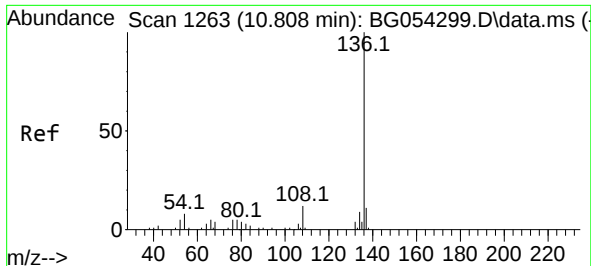
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#20
3+4-Methylphenols
Concen: 43.272 ng
RT: 8.777 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:107 Resp: 51934
Ion Ratio Lower Upper
107 100
108 90.4 67.5 107.5
77 39.5 20.3 60.3
79 39.5 16.7 56.7





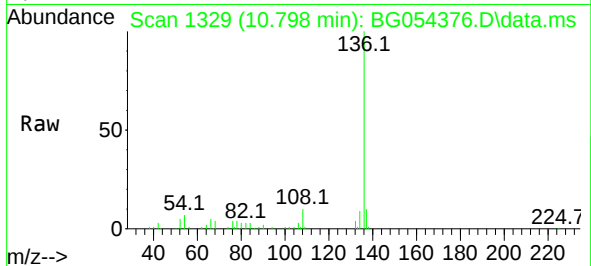
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

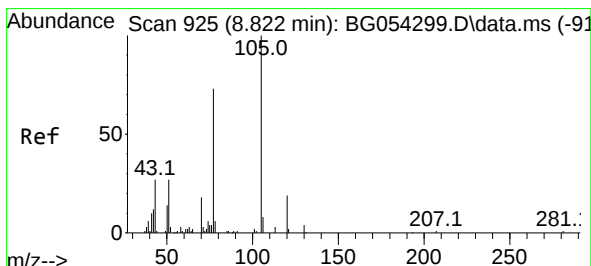
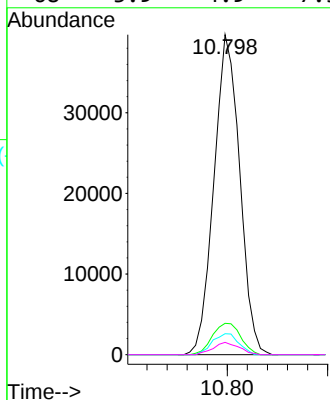
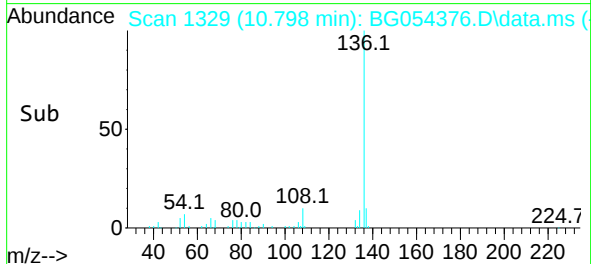


Tgt Ion:136 Resp: 7071
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 6.6 7.4 11.2
68 3.9 4.9 7.3#

Manual Integrations

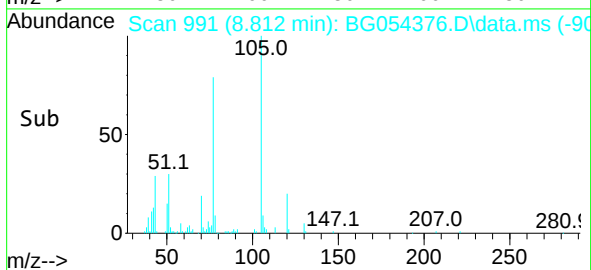
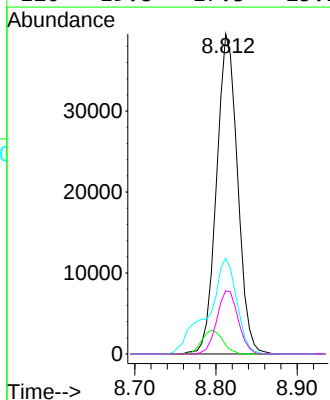
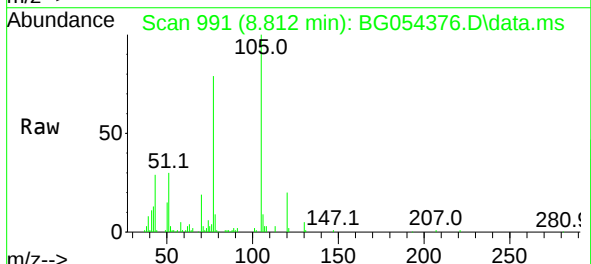
APPROVED

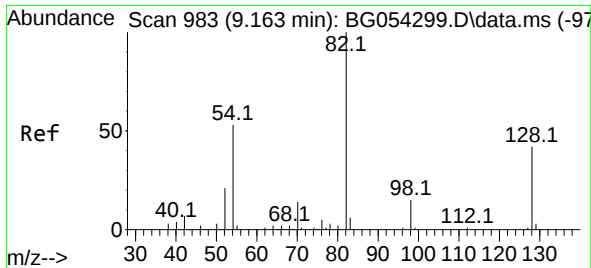
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#22
Acetophenone
Concen: 41.830 ng
RT: 8.812 min Scan# 991
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:105 Resp: 71140
Ion Ratio Lower Upper
105 100
71 2.8 1.1 1.7#
51 29.9 25.4 38.0
120 19.8 17.3 25.9





#23
Nitrobenzene-d5
Concen: 78.119 ng
RT: 9.153 min Scan# 1049
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

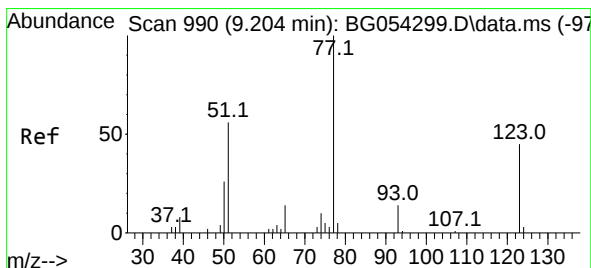
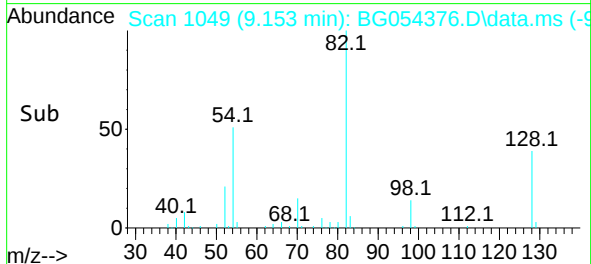
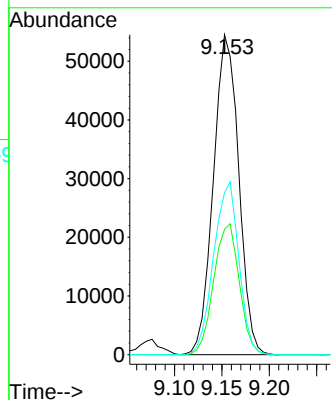
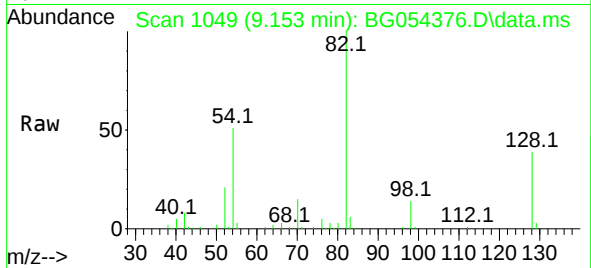
ClientSampleId :

PB146375BS

Tgt Ion: 82 Resp: 101430
Ion Ratio Lower Upper
82 100
128 39.2 27.9 41.9
54 50.7 41.2 61.8

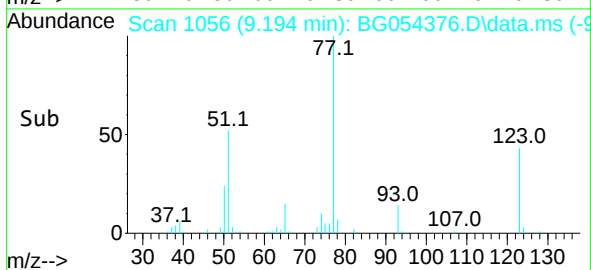
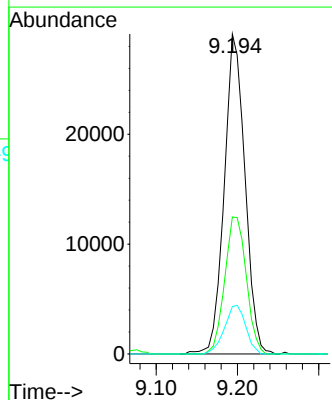
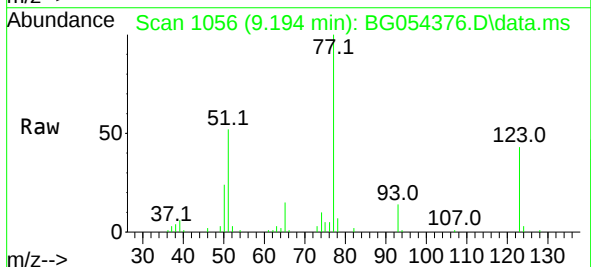
Manual Integrations
APPROVED

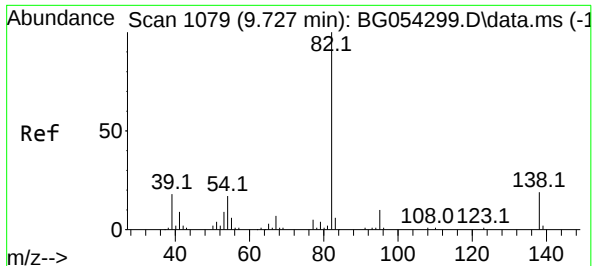
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#24
Nitrobenzene
Concen: 40.671 ng
RT: 9.194 min Scan# 1056
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

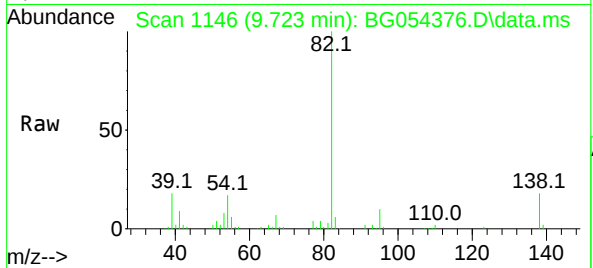
Tgt Ion: 77 Resp: 51611
Ion Ratio Lower Upper
77 100
123 42.8 27.4 41.0#
65 14.8 11.4 17.0





#25
Isophorone
Concen: 42.633 ng
RT: 9.723 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

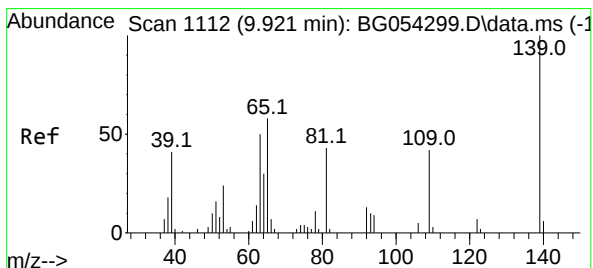
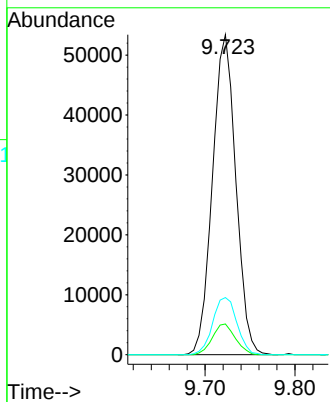
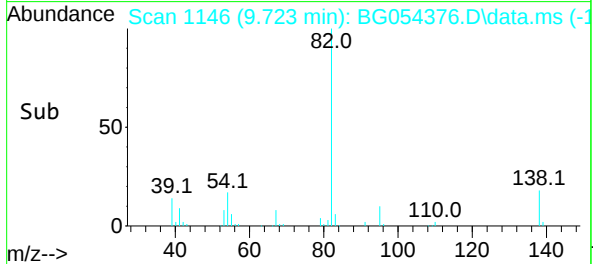
Instrument :
BNA_G
ClientSampleId :
PB146375BS



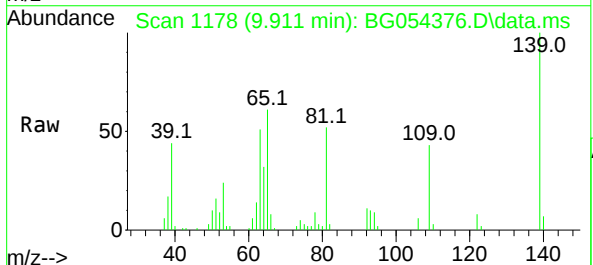
Tgt Ion: 82 Resp: 96270
Ion Ratio Lower Upper
82 100
95 9.6 6.2 9.4
138 17.8 11.6 17.4

Manual Integrations
APPROVED

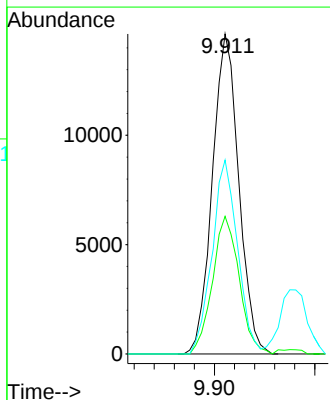
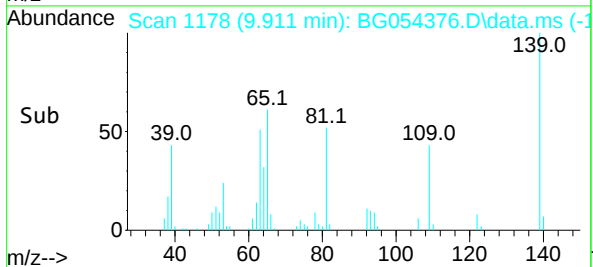
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

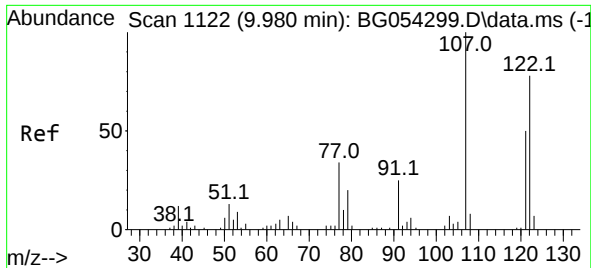


#26
2-Nitrophenol
Concen: 41.686 ng
RT: 9.911 min Scan# 1178
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:139 Resp: 26664
Ion Ratio Lower Upper
139 100
109 43.0 36.1 54.1
65 60.6 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 49.095 ng

RT: 9.981 min Scan# 1122

Delta R.T. 0.001 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

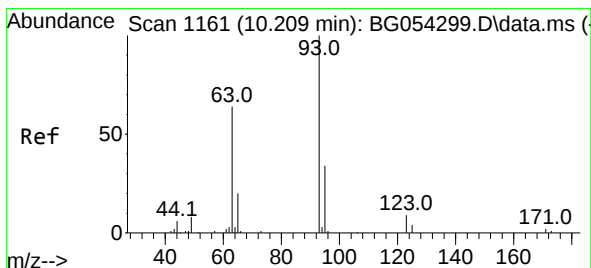
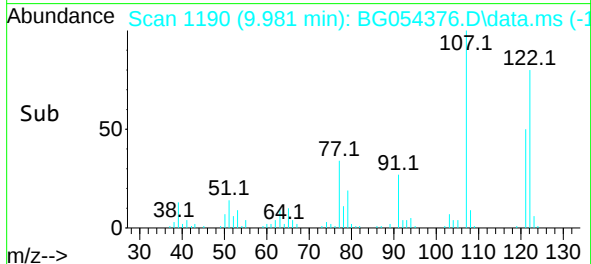
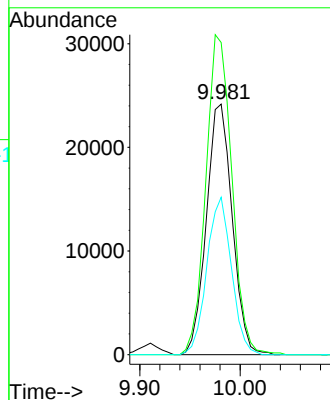
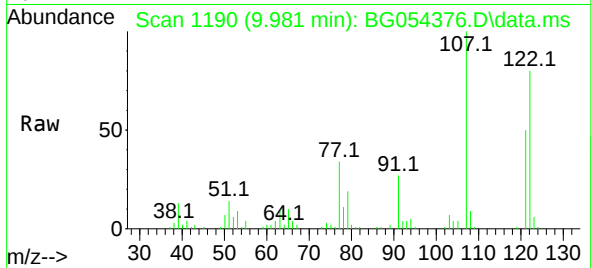
PB146375BS

Tgt Ion:122 Resp: 4338
 Ion Ratio Lower Upper
 122 100
 107 124.6 109.4 164.0
 121 62.8 48.7 73.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.139 ng

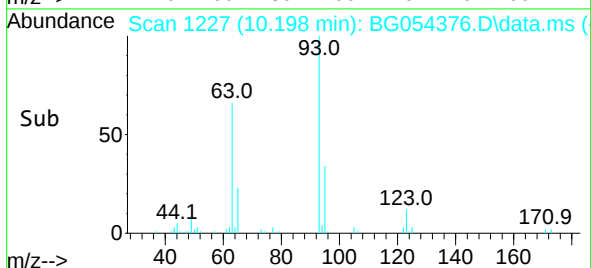
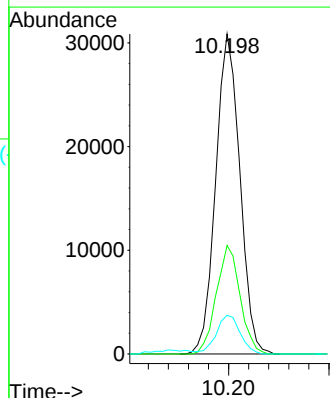
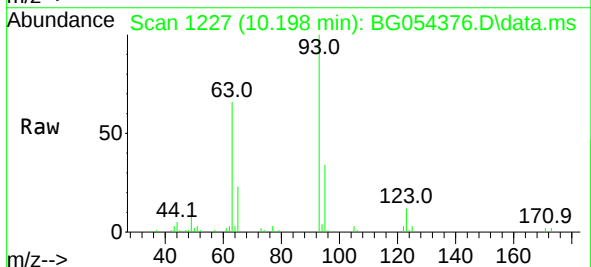
RT: 10.198 min Scan# 1227

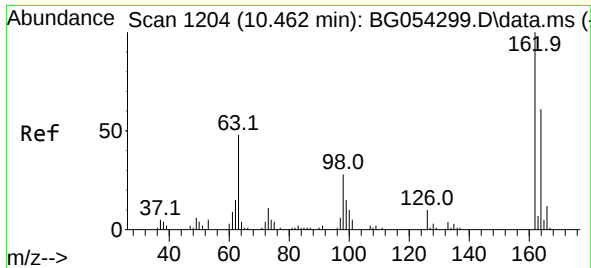
Delta R.T. -0.011 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Tgt Ion: 93 Resp: 51412
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.9 40.3
 123 12.1 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 42.847 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

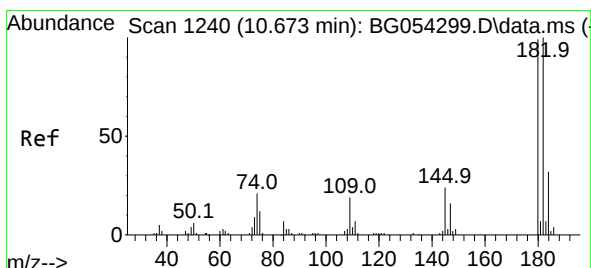
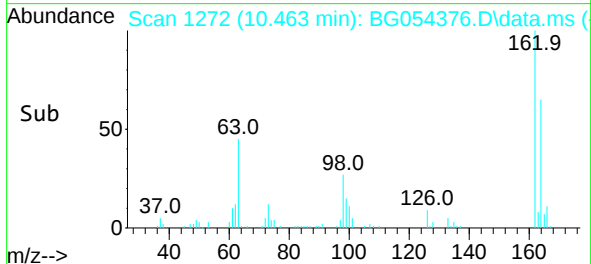
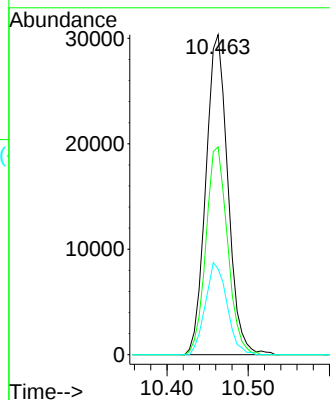
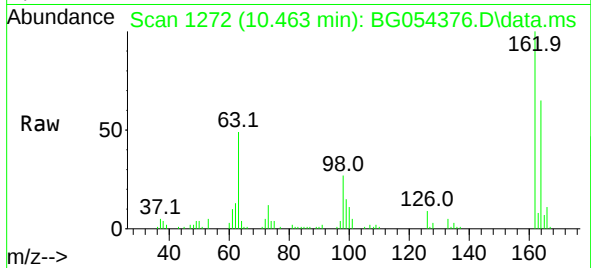
PB146375BS

Tgt Ion:162 Resp: 57148
Ion Ratio Lower Upper
162 100
164 64.9 46.6 86.6
98 26.8 22.8 62.8

Manual Integrations

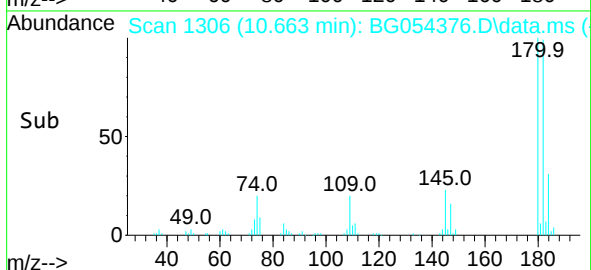
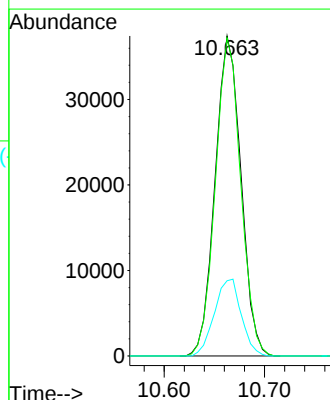
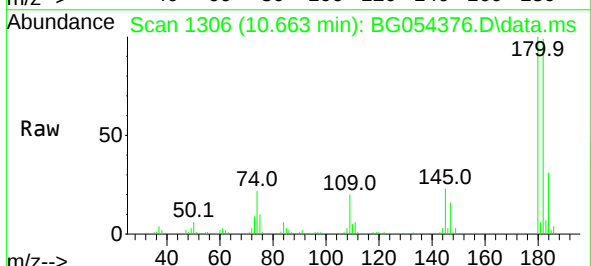
APPROVED

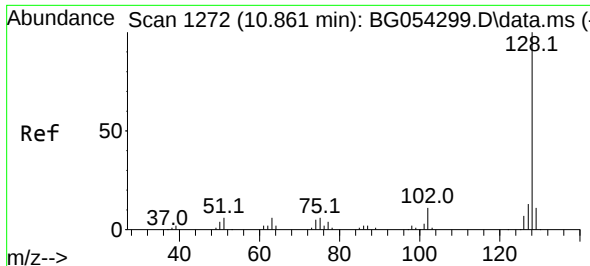
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 40.518 ng
RT: 10.663 min Scan# 1306
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

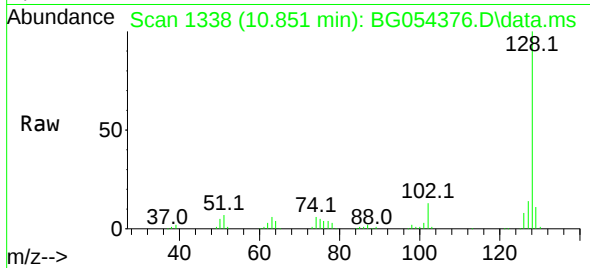
Tgt Ion:180 Resp: 66929
Ion Ratio Lower Upper
180 100
182 99.4 76.6 115.0
145 23.5 25.0 37.4#





#31
Naphthalene
Concen: 39.973 ng
RT: 10.851 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

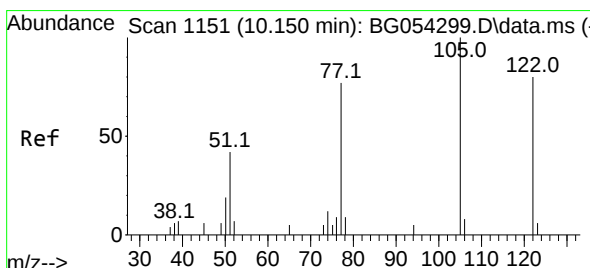
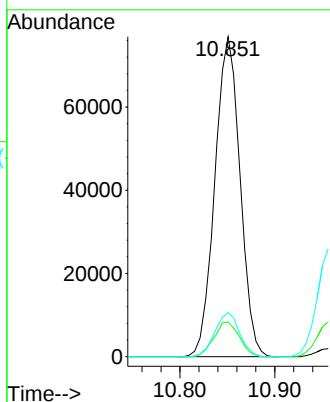
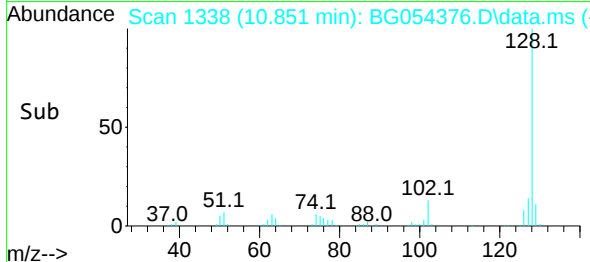
Instrument :
BNA_G
ClientSampleId :
PB146375BS



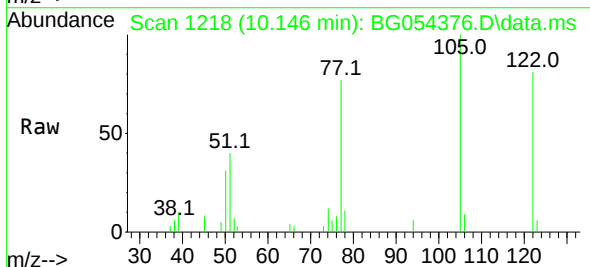
Tgt Ion:128 Resp: 141880
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations
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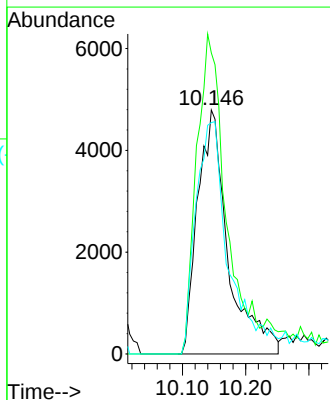
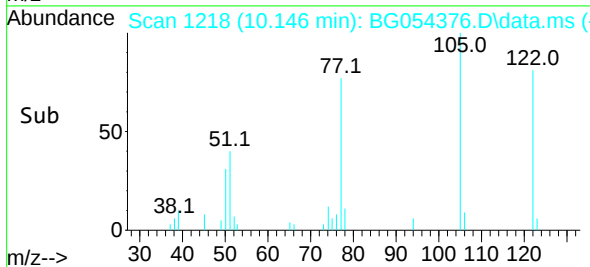
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#32
Benzoic acid
Concen: 46.254 ng
RT: 10.146 min Scan# 1218
Delta R.T. -0.004 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:122 Resp: 16106
Ion Ratio Lower Upper
122 100
105 123.4 111.8 151.8
77 94.8 109.4 149.4#





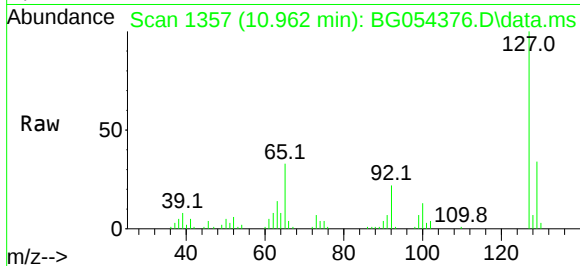
#33
4-Chloroaniline
Concen: 38.818 ng
RT: 10.962 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

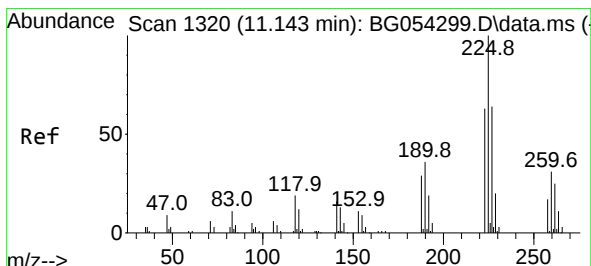
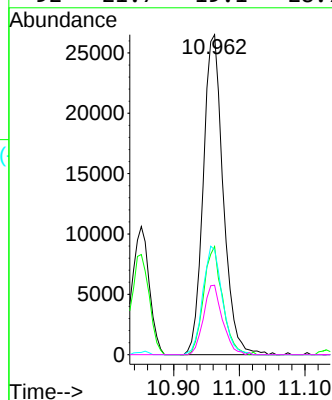
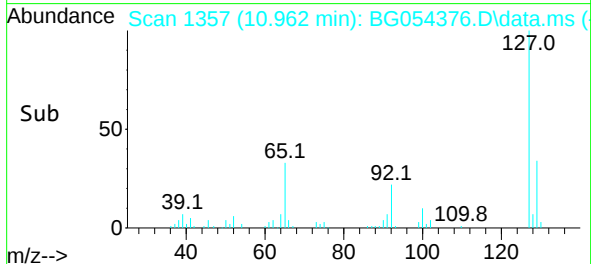


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	32.8	31.1	46.7
92	21.7	19.1	28.7

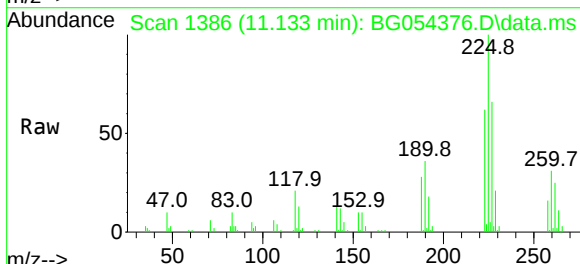
Manual Integrations

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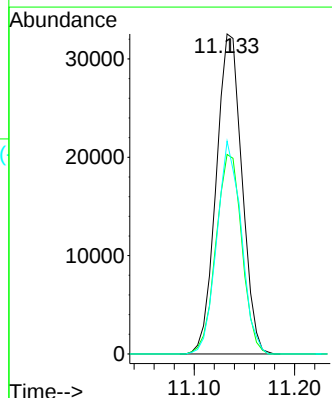
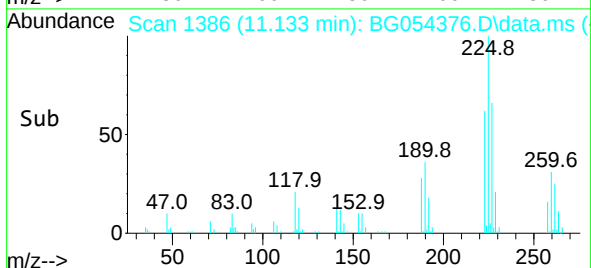
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#34
Hexachlorobutadiene
Concen: 39.754 ng
RT: 11.133 min Scan# 1386
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.9	73.3
227	66.5	52.8	79.2





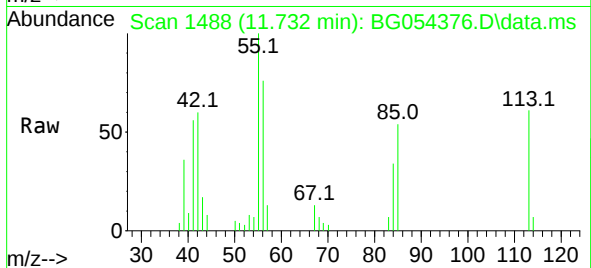
#35
Caprolactam
Concen: 49.323 ng m
RT: 11.732 min Scan# 14
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

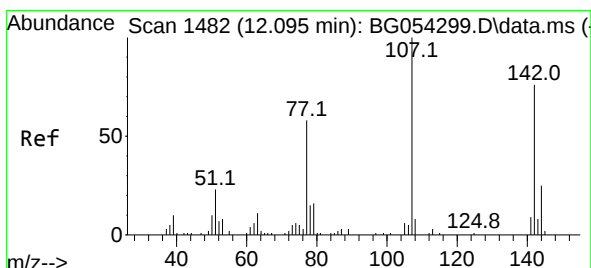
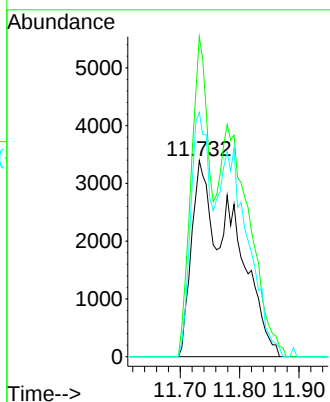
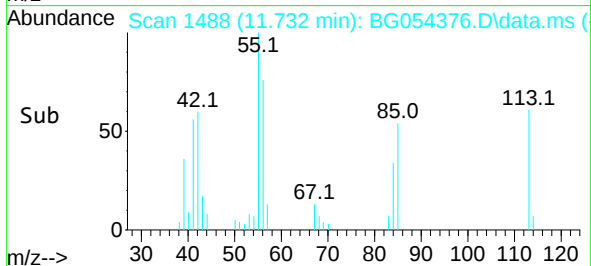


Tgt Ion:113 Resp: 16564
Ion Ratio Lower Upper
113 100
55 163.2 169.8 209.8
56 124.6 141.2 181.2

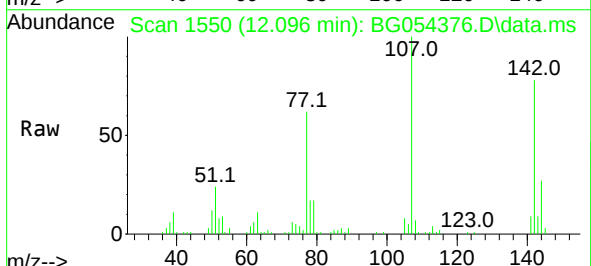
Manual Integrations

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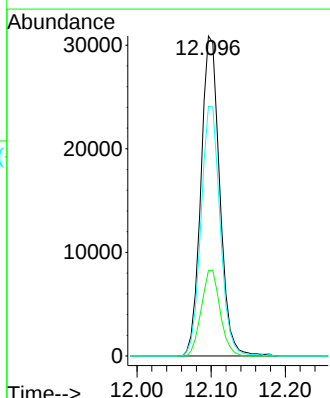
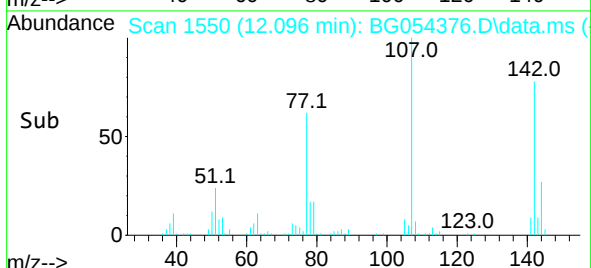
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

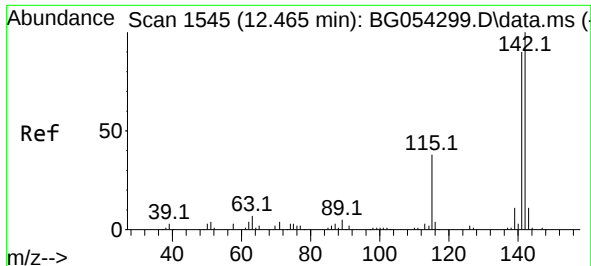


#36
4-Chloro-3-methylphenol
Concen: 44.793 ng
RT: 12.096 min Scan# 1550
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:107 Resp: 54351
Ion Ratio Lower Upper
107 100
144 26.7 18.5 27.7
142 78.0 55.0 82.4





#37

2-Methylnaphthalene

Concen: 40.417 ng

RT: 12.455 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Tgt Ion:142 Resp: 110170

Ion Ratio Lower Upper

142 100

141 91.0 72.3 108.5

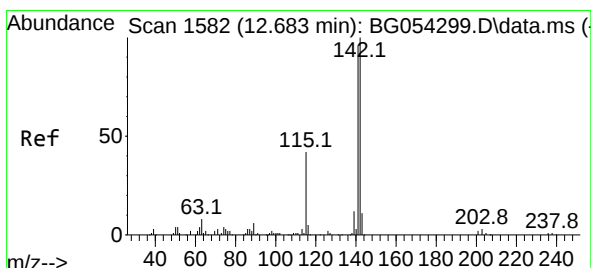
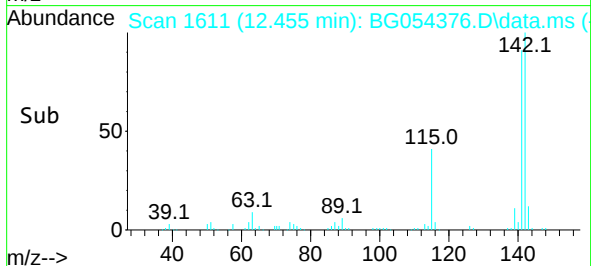
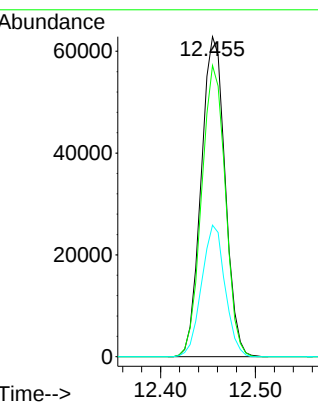
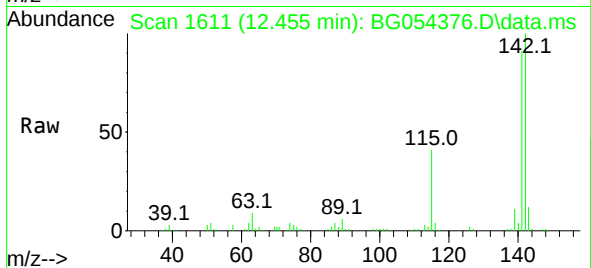
115 41.1 33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#38

1-Methylnaphthalene

Concen: 39.704 ng

RT: 12.678 min Scan# 1649

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

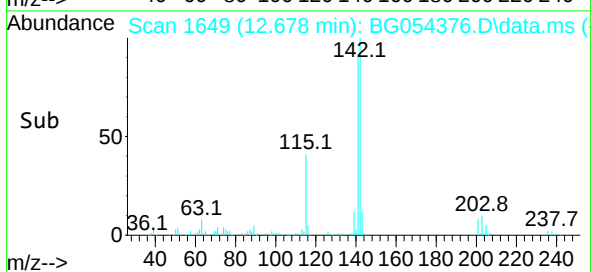
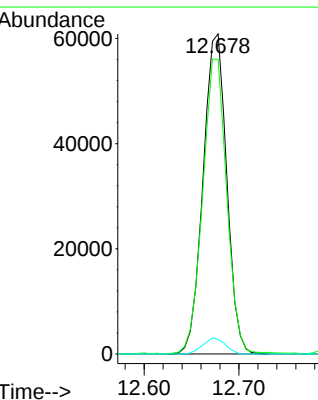
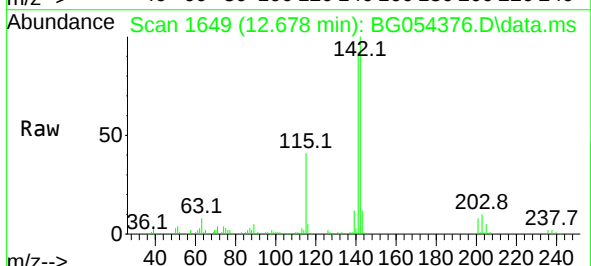
Tgt Ion:142 Resp: 105456

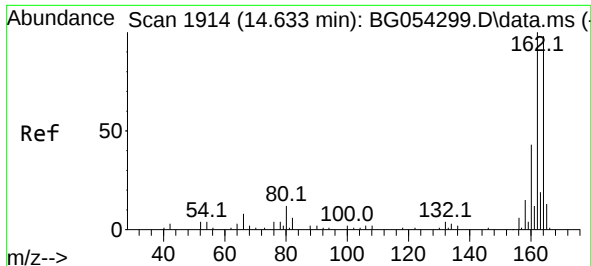
Ion Ratio Lower Upper

142 100

141 92.0 76.4 114.6

116 4.5 3.3 4.9





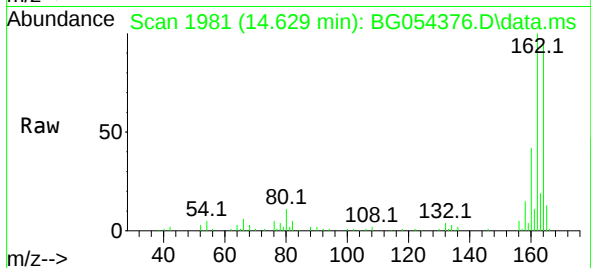
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.629 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

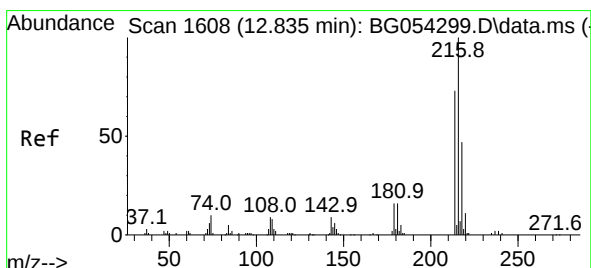
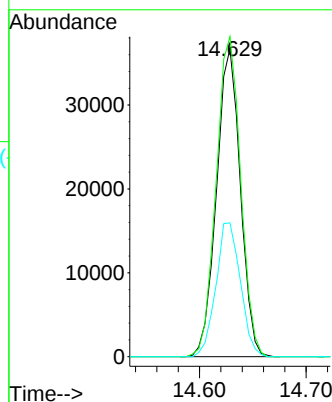
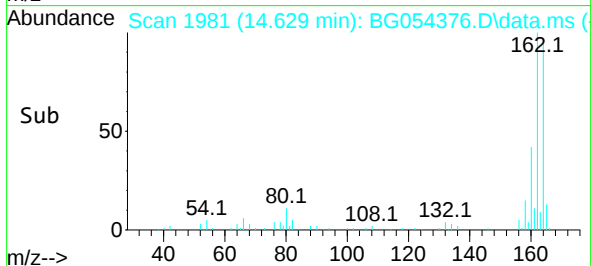


Tgt Ion:164 Resp: 5696
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 43.4 34.2 51.2

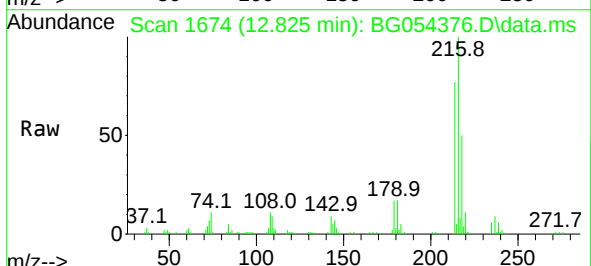
Manual Integrations

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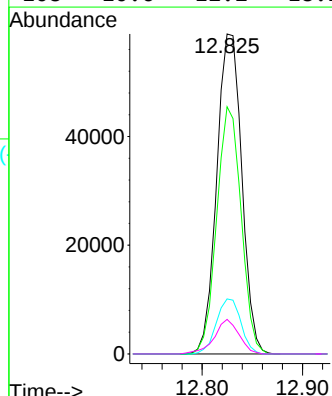
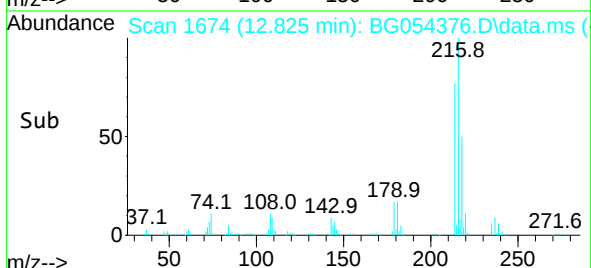
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

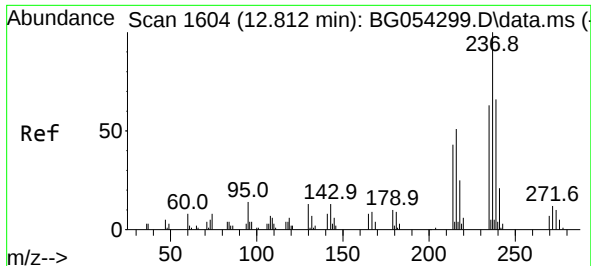


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.880 ng
RT: 12.825 min Scan# 1674
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



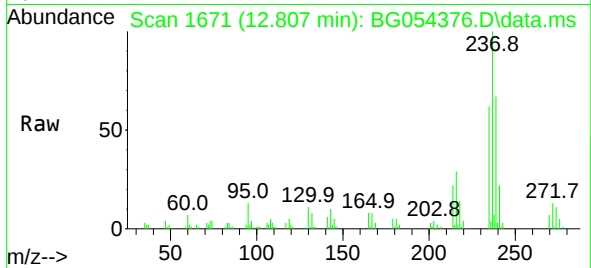
Tgt Ion:216 Resp: 102032
Ion Ratio Lower Upper
216 100
214 75.1 62.9 94.3
179 16.9 16.1 24.1
108 10.6 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 76.286 ng
RT: 12.807 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

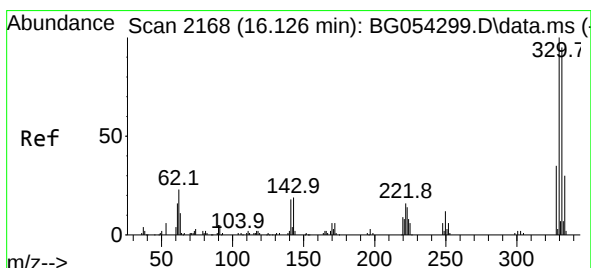
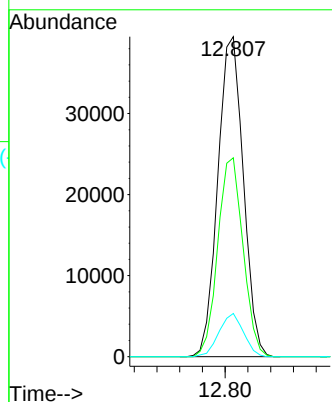
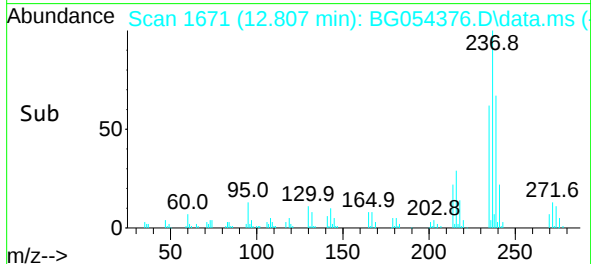
Instrument :
BNA_G
ClientSampleId :
PB146375BS



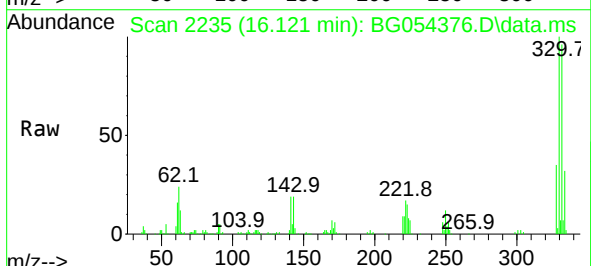
Tgt Ion:237 Resp: 61478
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 13.5 0.0 30.1

Manual Integrations
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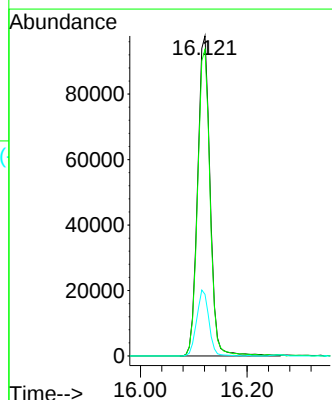
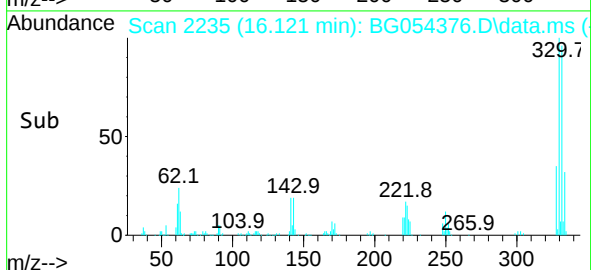
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

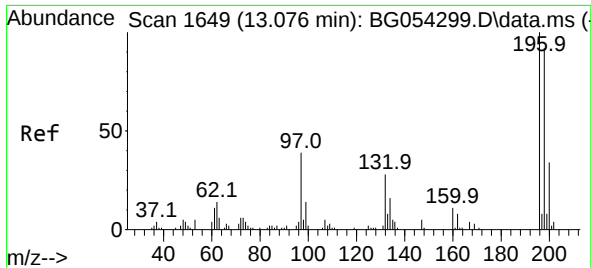


#42
2,4,6-Tribromophenol
Concen: 133.041 ng
RT: 16.121 min Scan# 2235
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



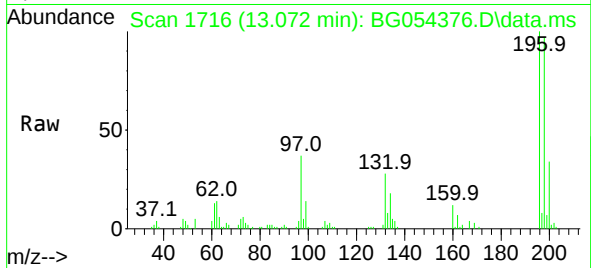
Tgt Ion:330 Resp: 159135
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 20.2 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 43.576 ng
RT: 13.072 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

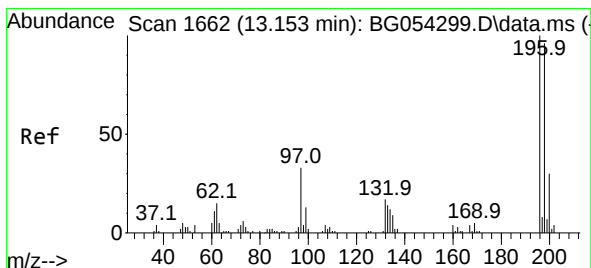
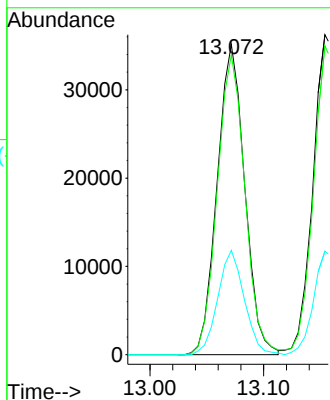
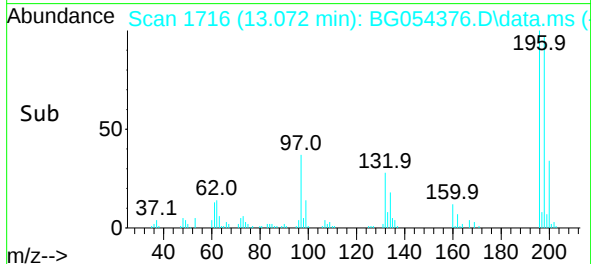
Instrument :
BNA_G
ClientSampleId :
PB146375BS



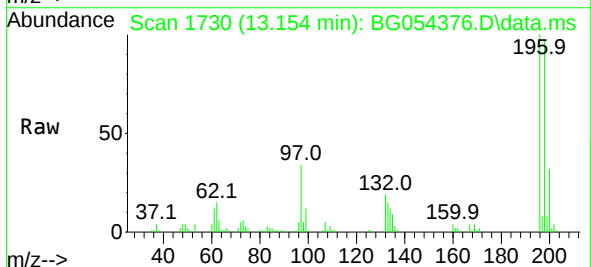
Tgt Ion:196 Resp: 59220
Ion Ratio Lower Upper
196 100
198 96.7 74.1 111.1
200 33.6 24.7 37.1

Manual Integrations
APPROVED

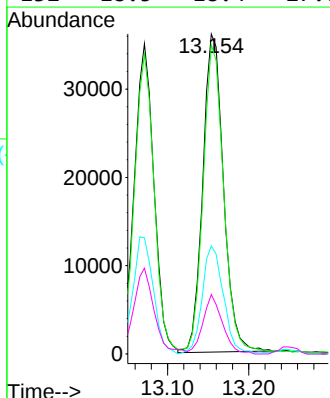
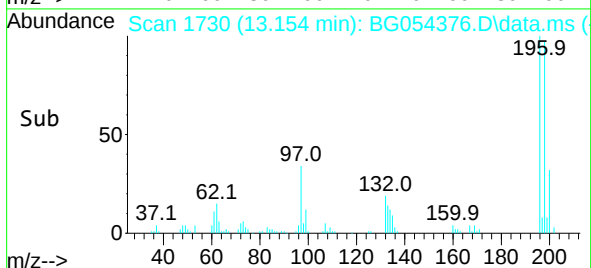
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

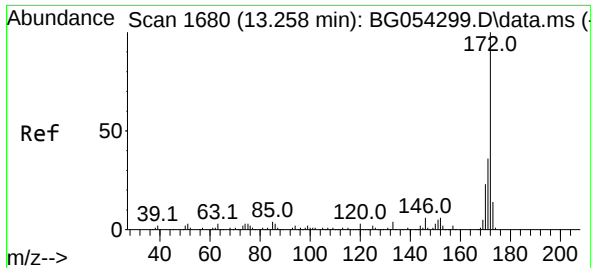


#44
2,4,5-Trichlorophenol
Concen: 41.529 ng
RT: 13.154 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:196 Resp: 63768
Ion Ratio Lower Upper
196 100
198 96.6 76.8 115.2
97 33.8 39.8 59.6#
132 18.5 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 77.698 ng
RT: 13.248 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

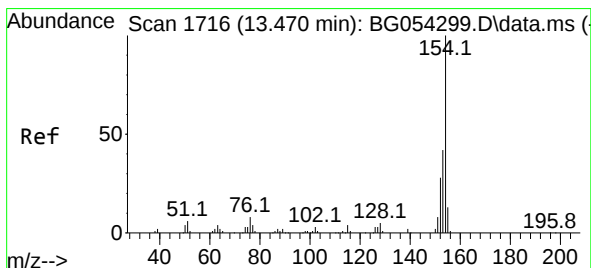
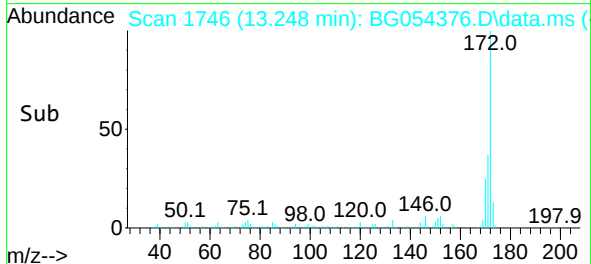
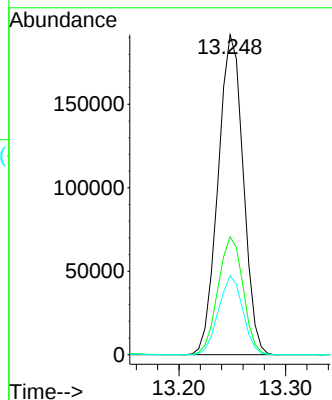
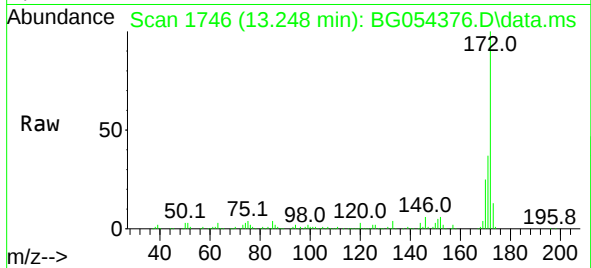
PB146375BS

Tgt Ion:172 Resp: 31377
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.7 18.9 28.3

Manual Integrations

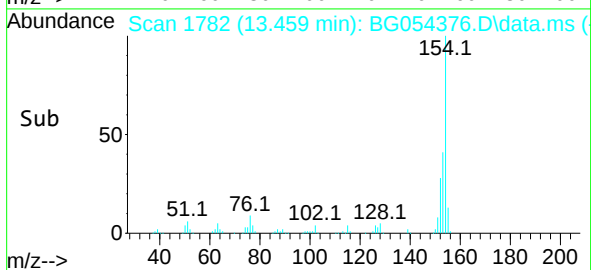
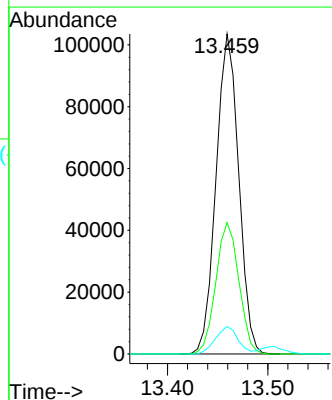
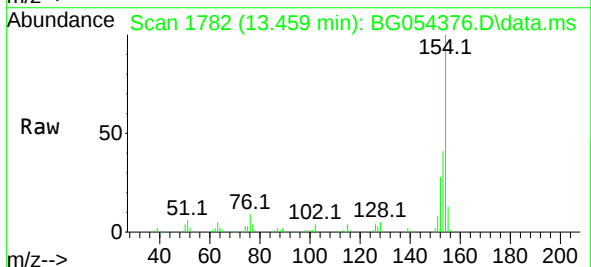
APPROVED

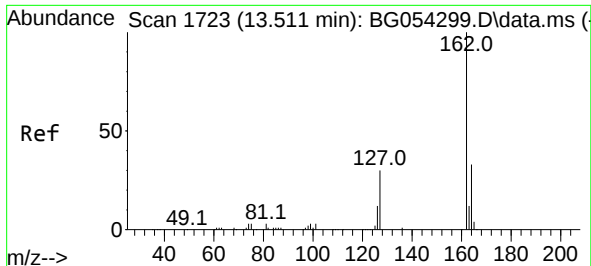
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#46
1,1'-Biphenyl
Concen: 41.621 ng
RT: 13.459 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:154 Resp: 162214
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 8.6 0.0 32.6





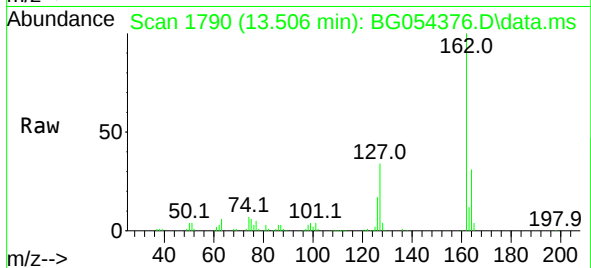
#47
2-Chloronaphthalene
Concen: 41.334 ng
RT: 13.506 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

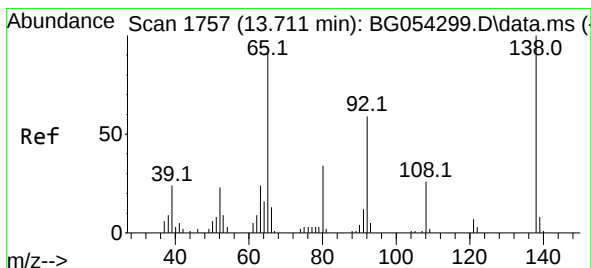
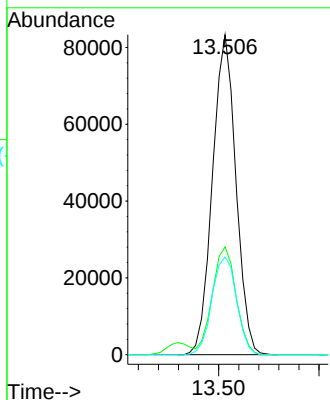
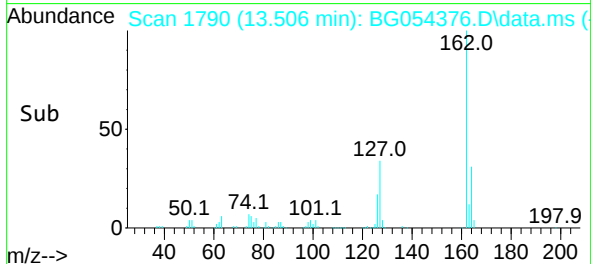
PB146375BS



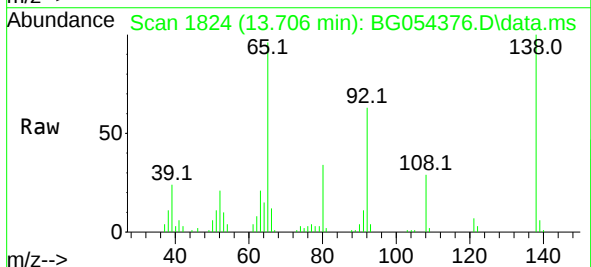
Tgt Ion:162 Resp: 134819
Ion Ratio Lower Upper
162 100
127 33.7 30.6 45.8
164 30.5 26.5 39.7

Manual Integrations
APPROVED

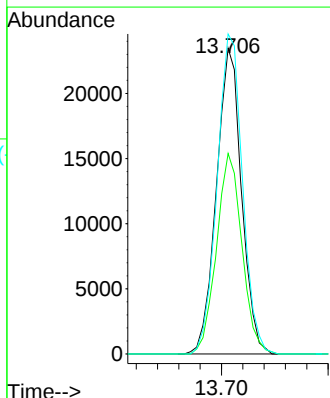
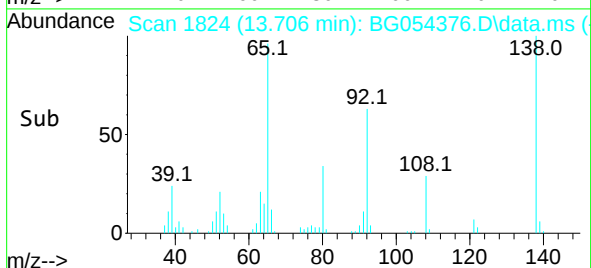
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

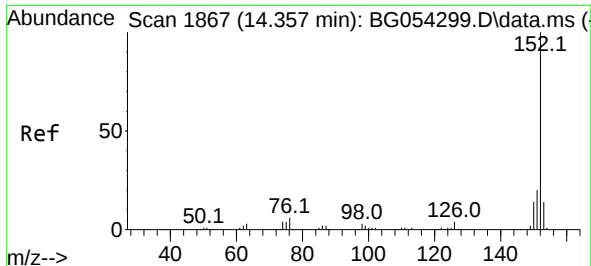


#48
2-Nitroaniline
Concen: 45.035 ng
RT: 13.706 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion: 65 Resp: 38335
Ion Ratio Lower Upper
65 100
92 65.6 51.5 77.3
138 104.7 71.3 106.9





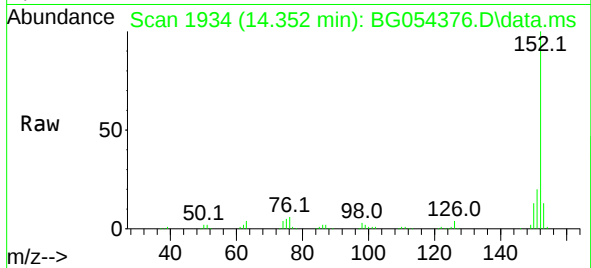
#49
Acenaphthylene
Concen: 41.943 ng
RT: 14.352 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

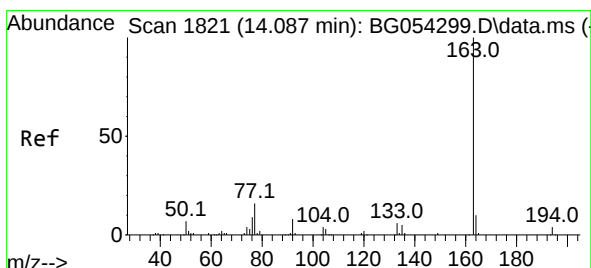
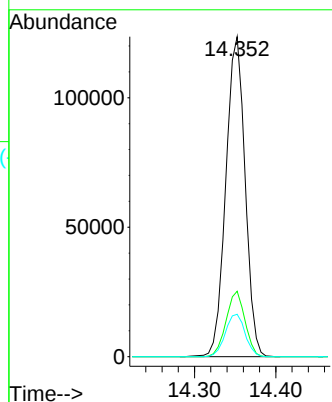
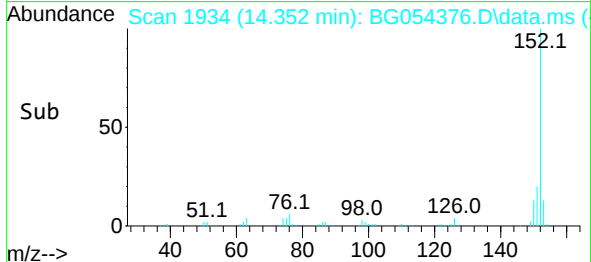


Tgt Ion:152 Resp: 203279
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.8 16.2

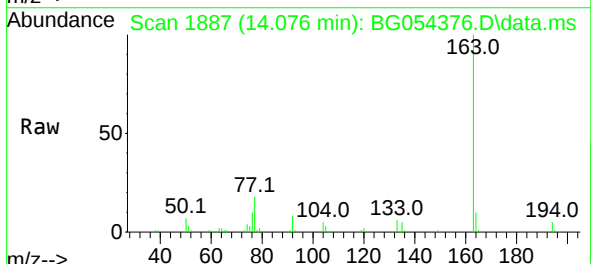
Manual Integrations

APPROVED

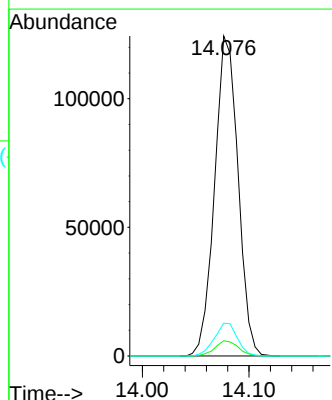
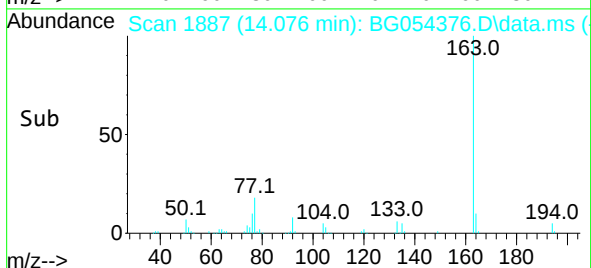
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

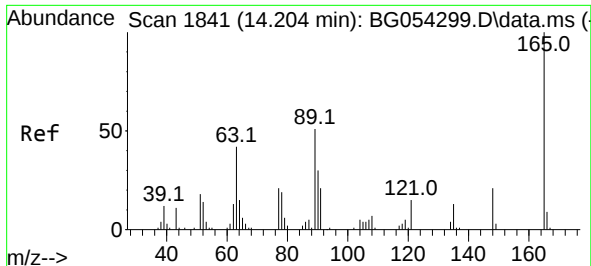


#50
Dimethylphthalate
Concen: 42.564 ng
RT: 14.076 min Scan# 1887
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



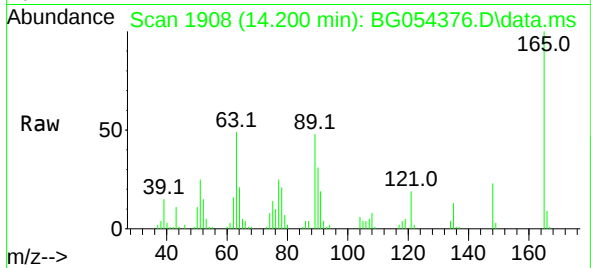
Tgt Ion:163 Resp: 189405
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.781 ng
RT: 14.200 min Scan# 1908
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

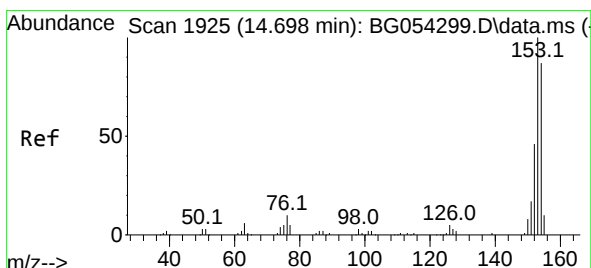
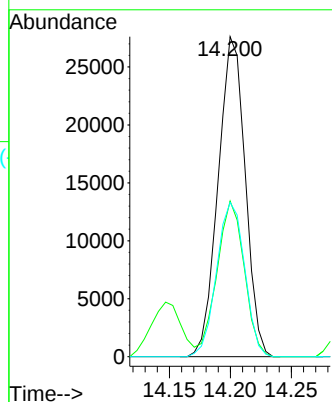
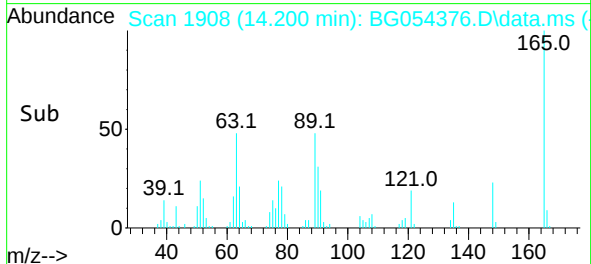
Instrument :
BNA_G
ClientSampleId :
PB146375BS



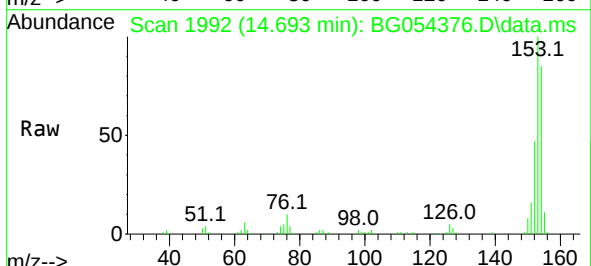
Tgt Ion:165 Resp: 4273
Ion Ratio Lower Upper
165 100
63 48.6 54.1 81.1
89 48.2 54.8 82.2

Manual Integrations
APPROVED

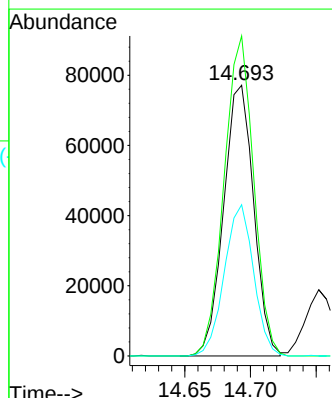
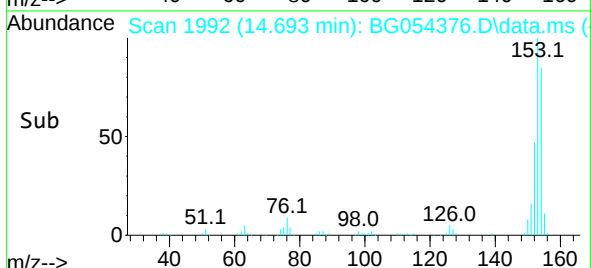
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

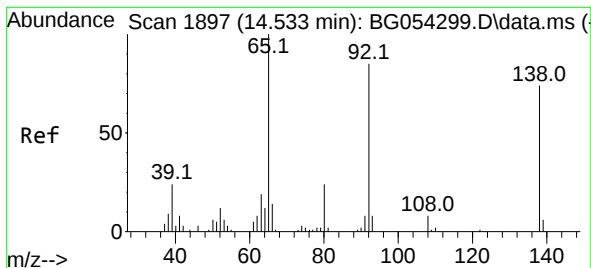


#52
Acenaphthene
Concen: 41.925 ng
RT: 14.693 min Scan# 1992
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:154 Resp: 123042
Ion Ratio Lower Upper
154 100
153 118.2 92.7 139.1
152 55.8 42.6 64.0





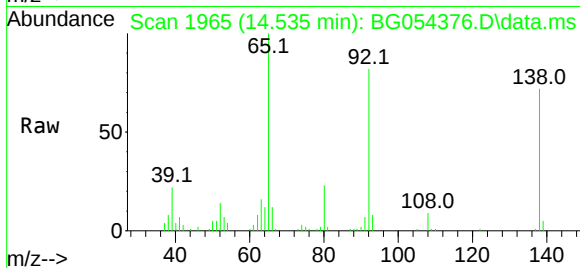
#53
3-Nitroaniline
Concen: 38.949 ng
RT: 14.535 min Scan# 14
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

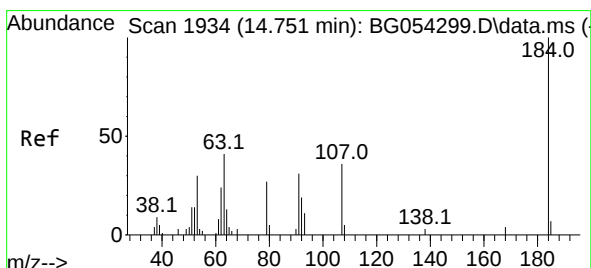
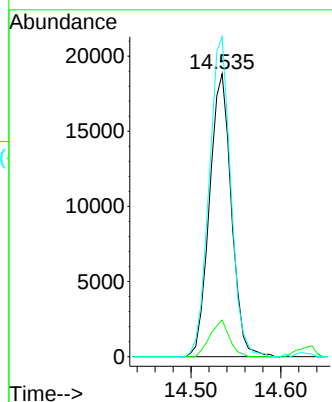
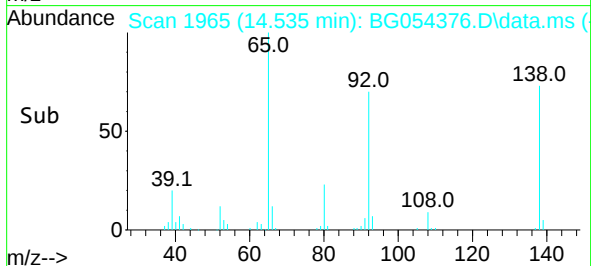


Tgt Ion:138 Resp: 31794
Ion Ratio Lower Upper
138 100
108 12.9 9.2 13.8
92 113.1 101.9 152.9

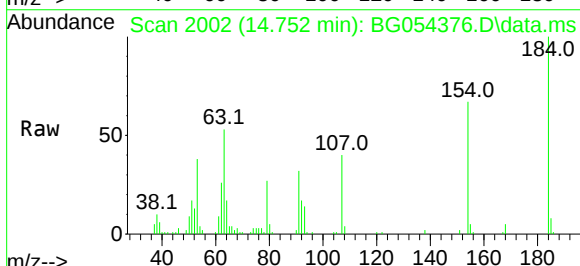
Manual Integrations

APPROVED

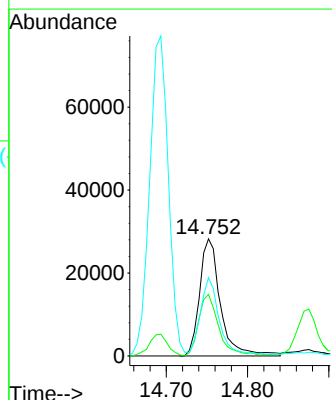
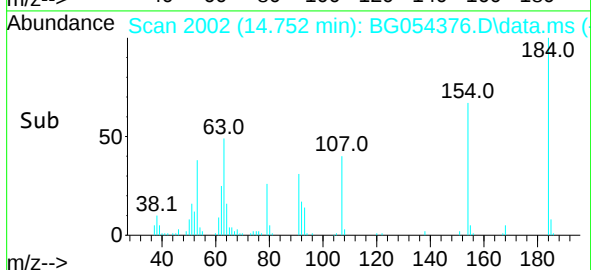
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

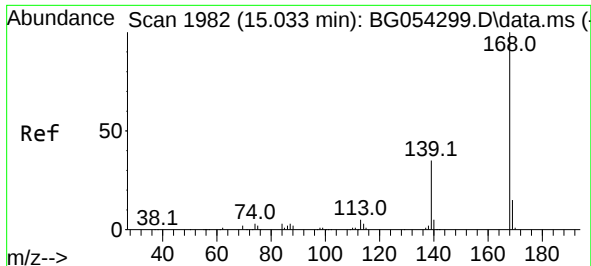


#54
2,4-Dinitrophenol
Concen: 88.012 ng
RT: 14.752 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:184 Resp: 50268
Ion Ratio Lower Upper
184 100
63 52.7 61.1 91.7#
154 66.8 60.6 91.0





#55
Dibenzenofuran
Concen: 42.162 ng
RT: 15.028 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

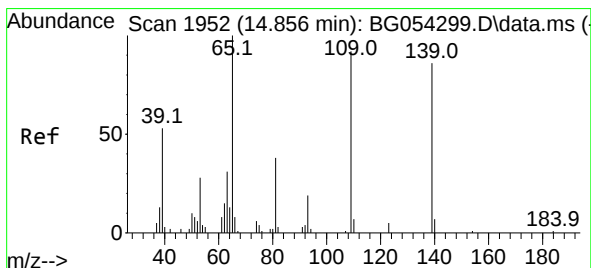
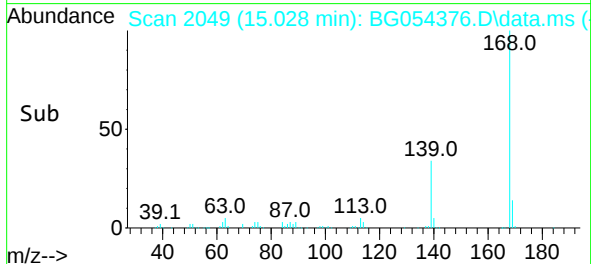
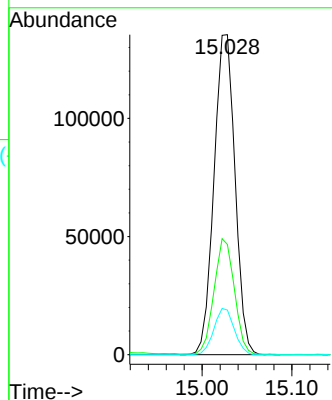
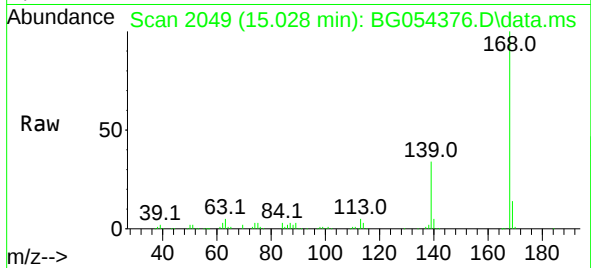
ClientSampleId :

PB146375BS

Tgt Ion:168 Resp: 22016
Ion Ratio Lower Upper
168 100
139 34.4 30.5 45.7
169 14.0 10.3 15.5

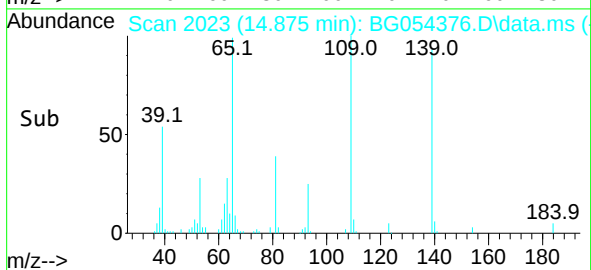
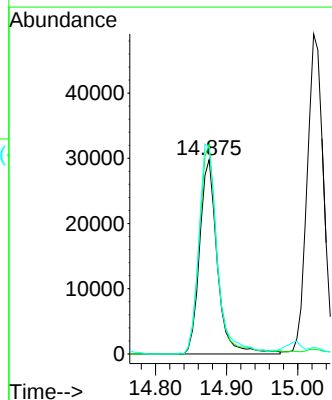
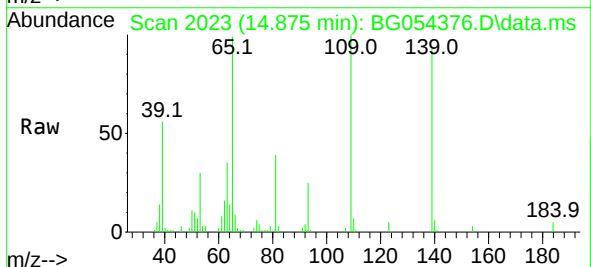
Manual Integrations
APPROVED

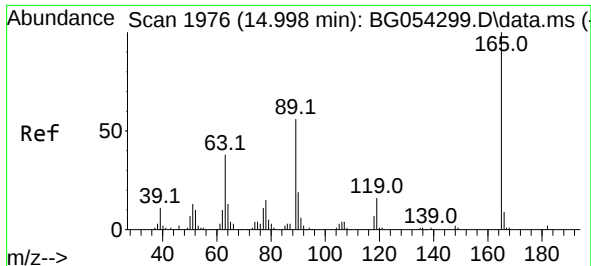
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#56
4-Nitrophenol
Concen: 94.907 ng
RT: 14.875 min Scan# 2023
Delta R.T. 0.019 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:139 Resp: 51687
Ion Ratio Lower Upper
139 100
109 107.8 88.5 128.5
65 106.2 93.9 133.9





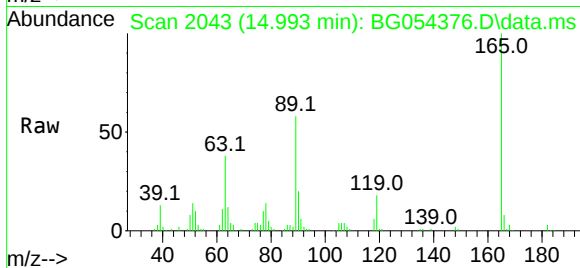
#57
2,4-Dinitrotoluene
Concen: 46.364 ng
RT: 14.993 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

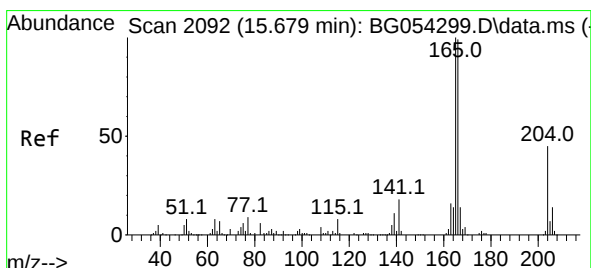
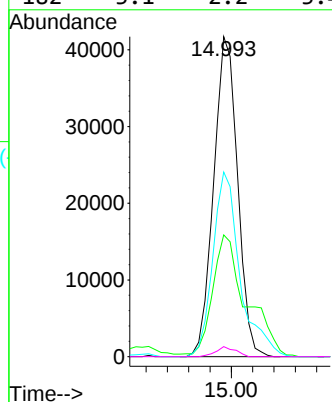
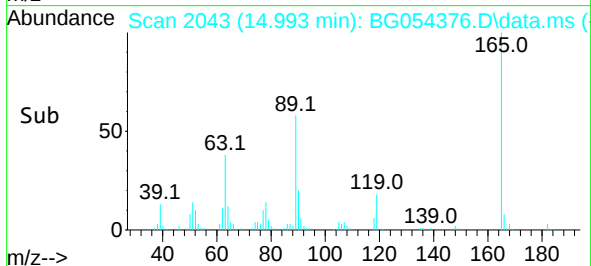


Tgt Ion:165 Resp: 6487
Ion Ratio Lower Upper
165 100
63 38.0 34.6 52.0
89 57.7 60.3 90.5
182 3.1 2.2 3.4

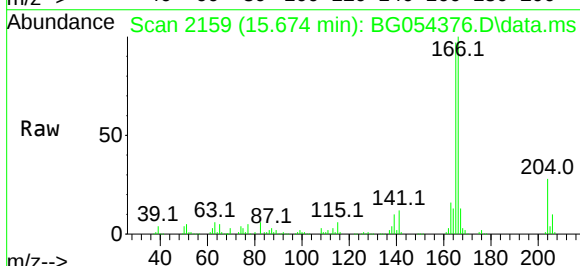
Manual Integrations

APPROVED

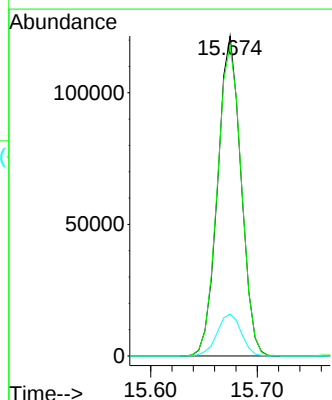
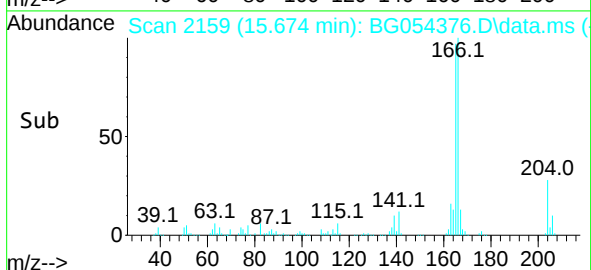
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

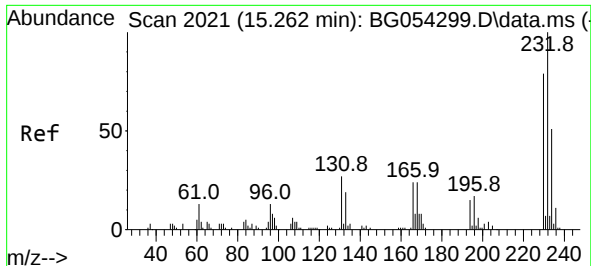


#58
Fluorene
Concen: 42.914 ng
RT: 15.674 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:166 Resp: 184247
Ion Ratio Lower Upper
166 100
165 97.1 75.0 112.6
167 13.1 10.8 16.2





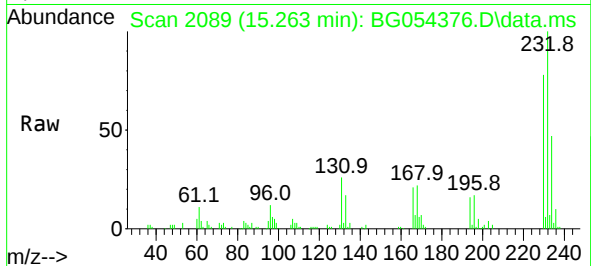
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.124 ng
RT: 15.263 min Scan# 2021
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

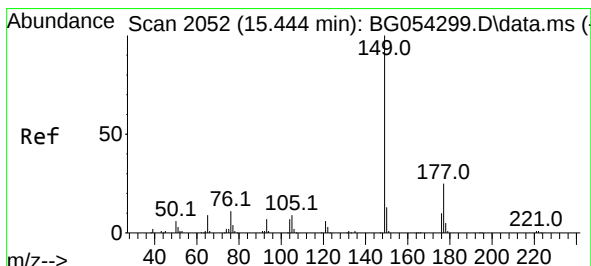
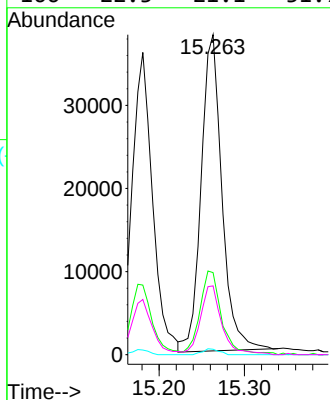
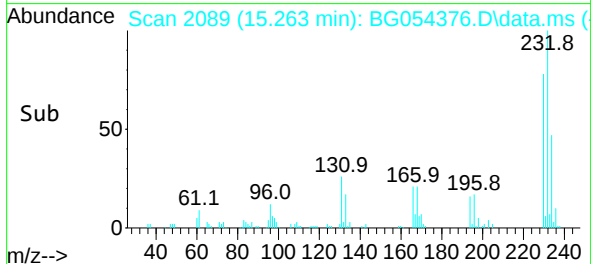


Tgt Ion:232 Resp: 64468
Ion Ratio Lower Upper
232 100
131 25.7 30.6 46.0
130 1.5 1.8 2.8
166 22.3 21.1 31.7

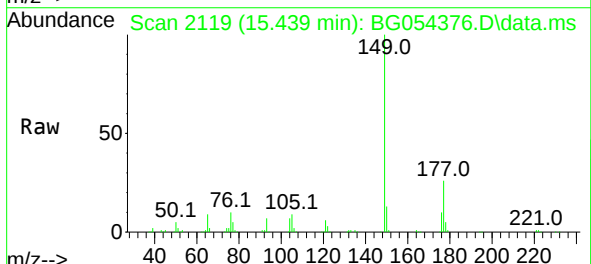
Manual Integrations

APPROVED

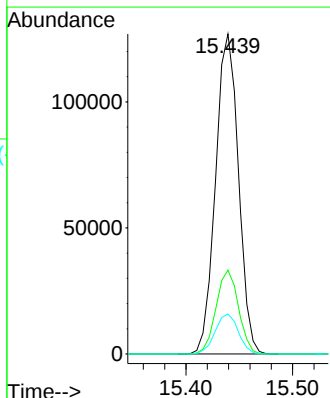
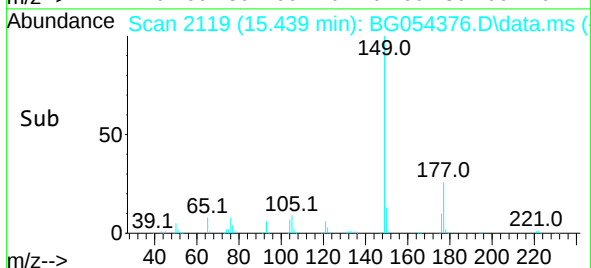
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

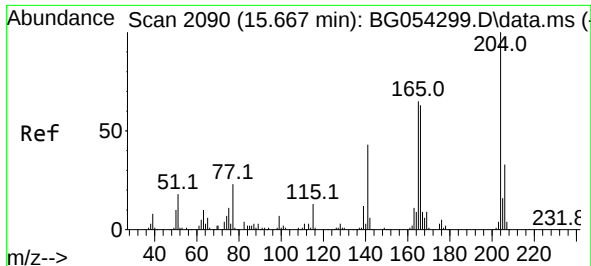


#60
Diethylphthalate
Concen: 44.248 ng
RT: 15.439 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



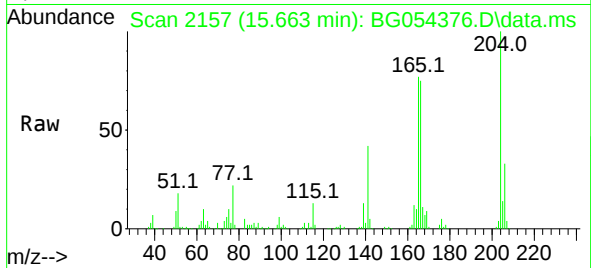
Tgt Ion:149 Resp: 188886
Ion Ratio Lower Upper
149 100
177 26.2 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 43.751 ng
RT: 15.663 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

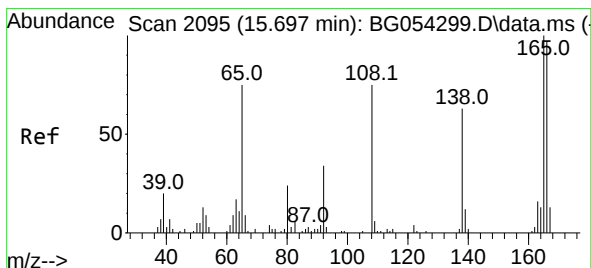
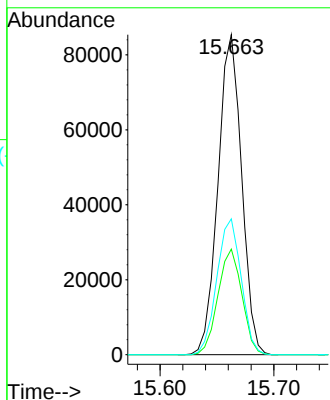
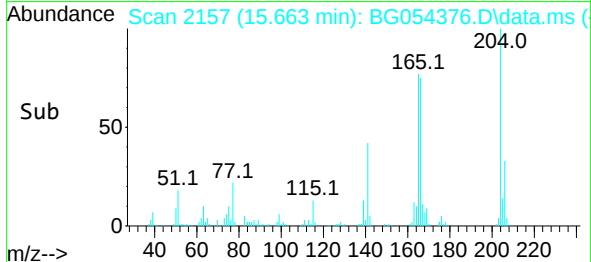
Instrument :
BNA_G
ClientSampleId :
PB146375BS



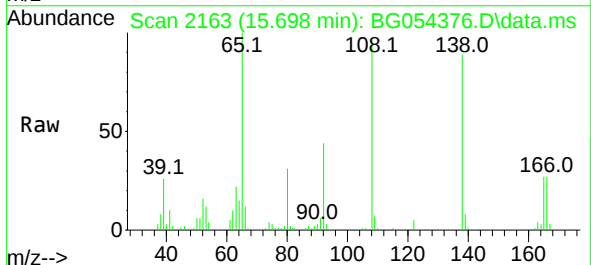
Tgt Ion:204 Resp: 12330
Ion Ratio Lower Upper
204 100
206 33.0 27.5 41.3
141 42.5 45.3 67.9

Manual Integrations
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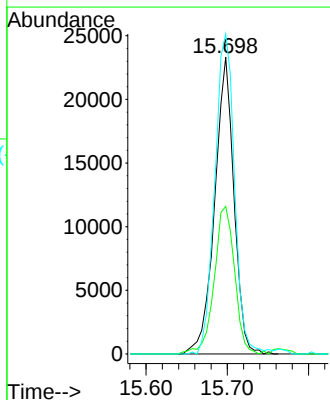
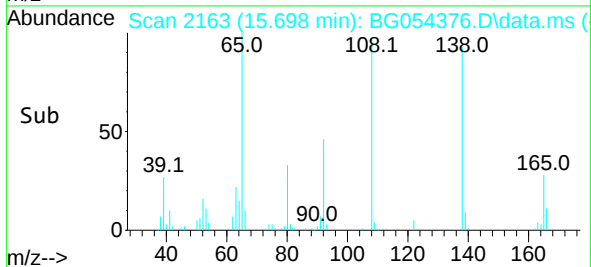
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

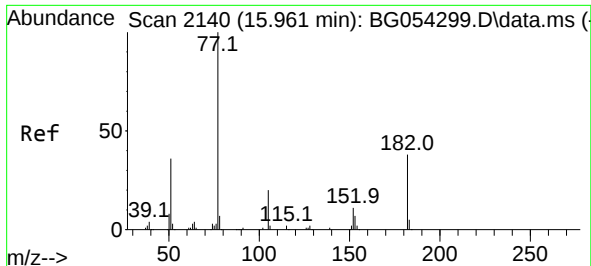


#62
4-Nitroaniline
Concen: 44.955 ng
RT: 15.698 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:138 Resp: 38553
Ion Ratio Lower Upper
138 100
92 49.7 40.5 80.5
108 107.7 103.7 143.7





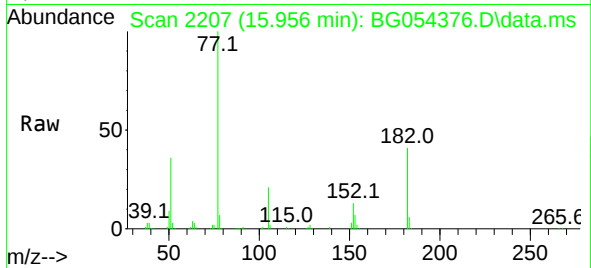
#63
Azobenzene
Concen: 43.594 ng
RT: 15.956 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

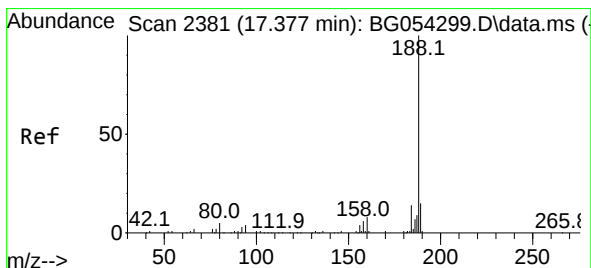
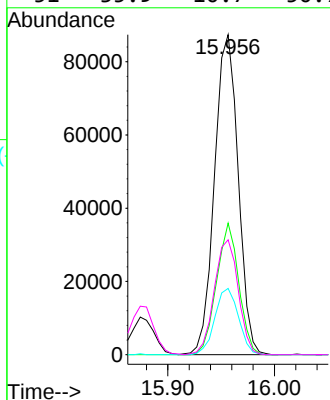
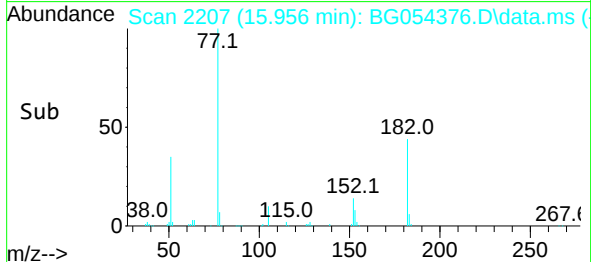


Tgt Ion: 77 Resp: 134460
Ion Ratio Lower Upper
77 100
182 41.1 3.8 43.8
105 20.7 0.0 37.8
51 35.9 10.7 50.7

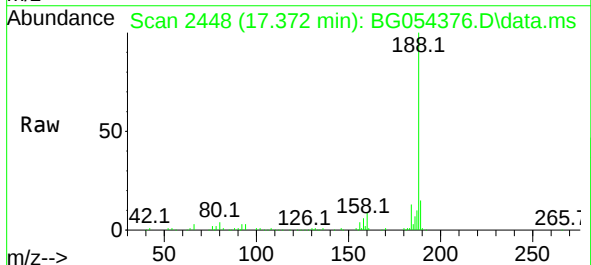
Manual Integrations

APPROVED

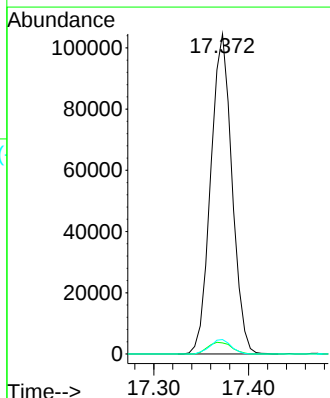
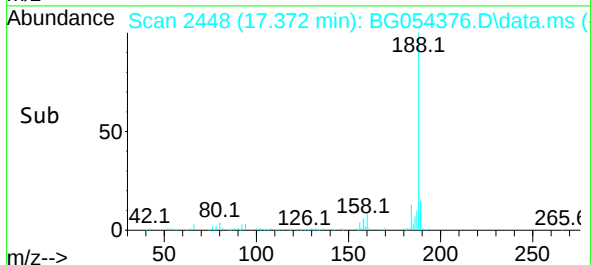
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

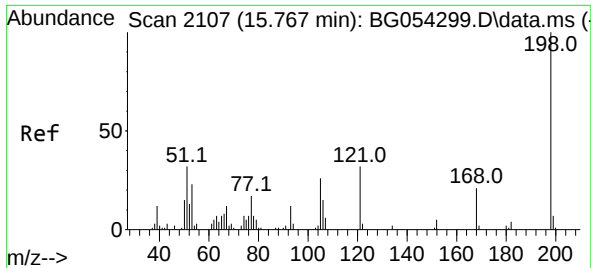


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



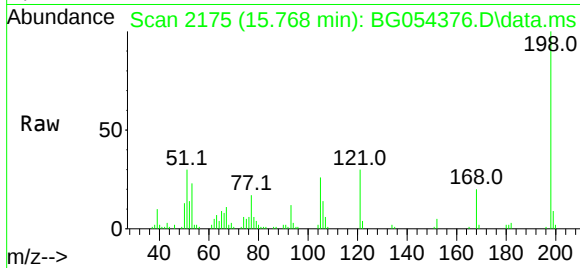
Tgt Ion:188 Resp: 163073
Ion Ratio Lower Upper
188 100
94 3.5 5.4 8.0#
80 4.5 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 41.132 ng
RT: 15.768 min Scan# 2107
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

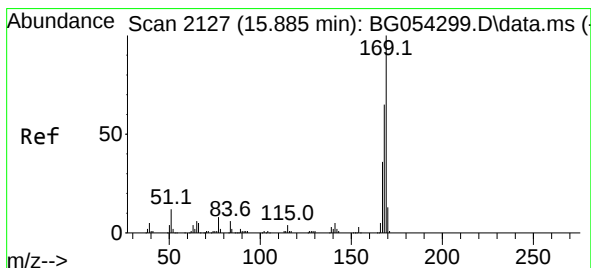
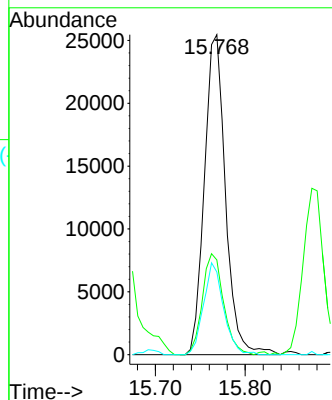
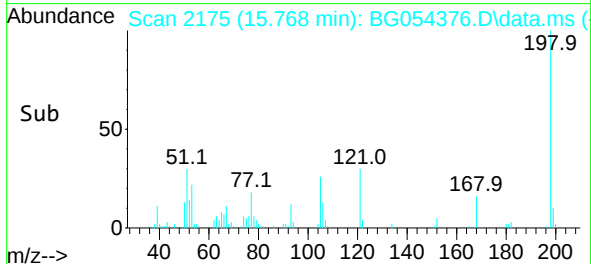
Instrument :
BNA_G
ClientSampleId :
PB146375BS



Tgt Ion:198 Resp: 41440
Ion Ratio Lower Upper
198 100
51 29.6 28.1 68.1
105 25.8 20.3 60.3

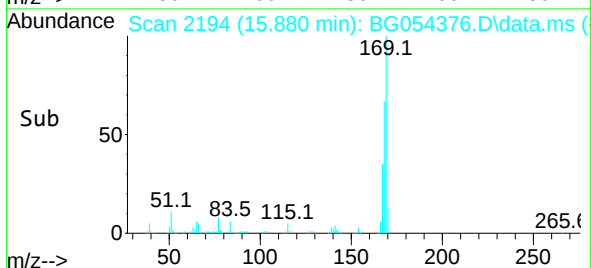
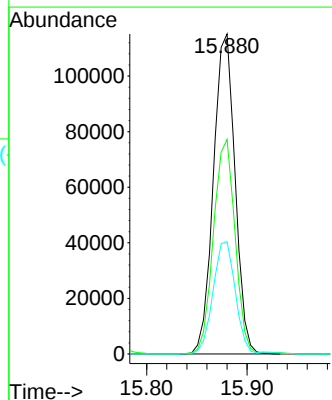
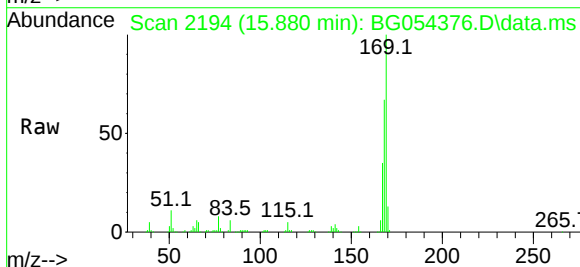
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#66
n-Nitrosodiphenylamine
Concen: 42.312 ng
RT: 15.880 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:169 Resp: 172271
Ion Ratio Lower Upper
169 100
168 67.1 55.9 83.9
167 35.1 30.6 46.0





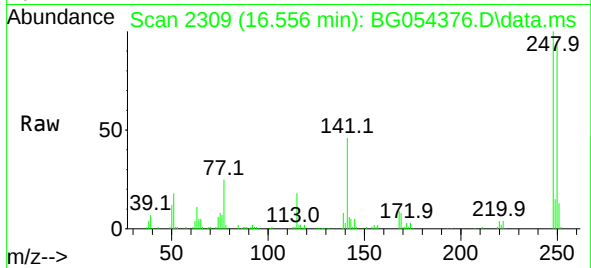
#67
4-Bromophenyl-phenylether
Concen: 41.857 ng
RT: 16.556 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

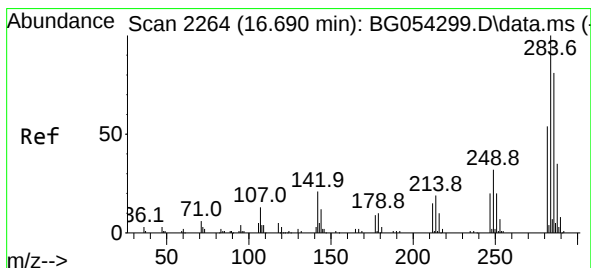
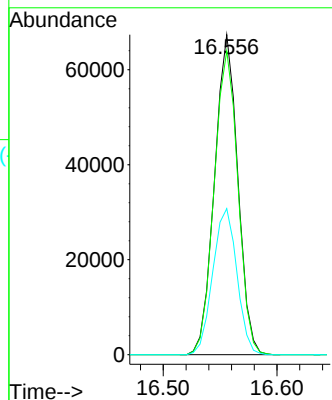


Tgt Ion:248 Resp: 95864
Ion Ratio Lower Upper
248 100
250 95.0 75.2 112.8
141 45.7 50.0 75.0

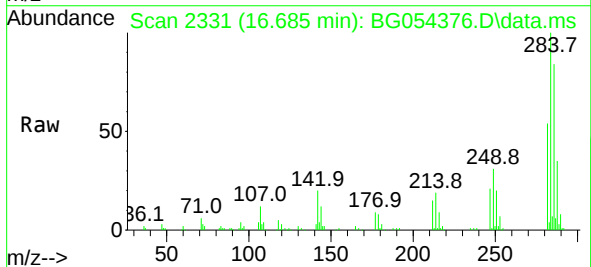
Manual Integrations

APPROVED

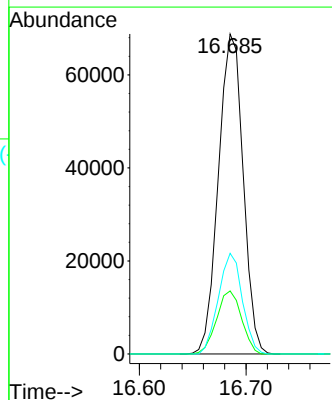
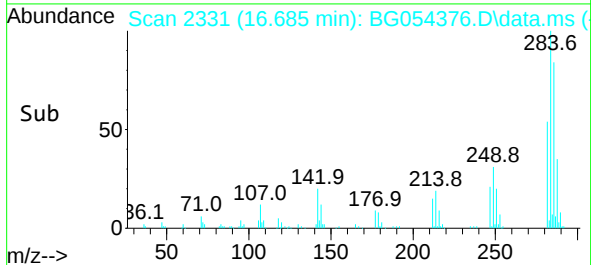
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

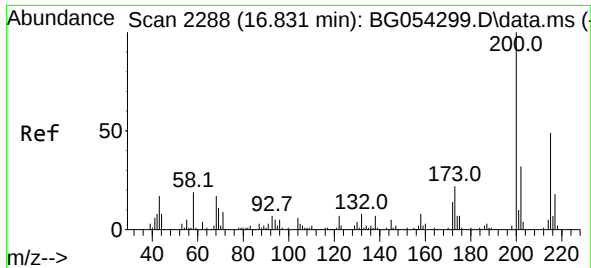


#68
Hexachlorobenzene
Concen: 42.215 ng
RT: 16.685 min Scan# 2331
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:284 Resp: 110566
Ion Ratio Lower Upper
284 100
142 19.7 23.6 35.4#
249 31.4 25.8 38.6





#69
 Atrazine
 Concen: 50.077 ng
 RT: 16.826 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054376.D
 Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

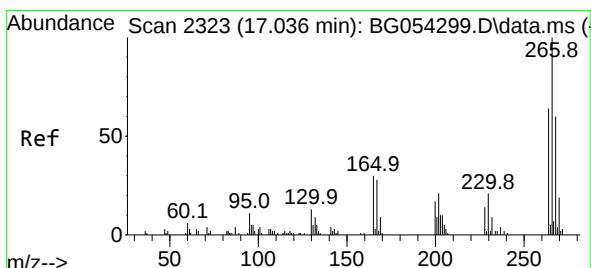
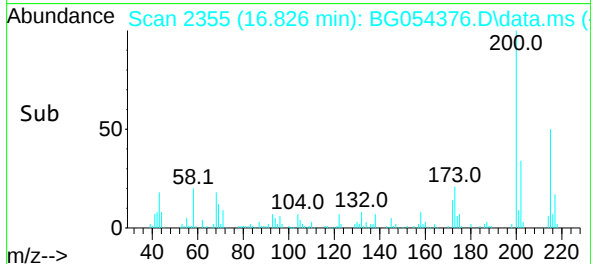
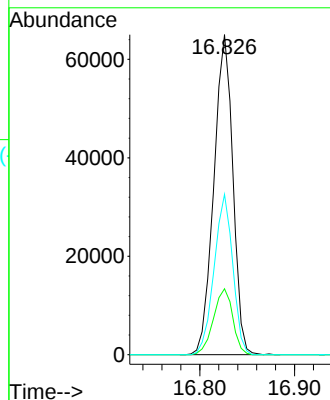
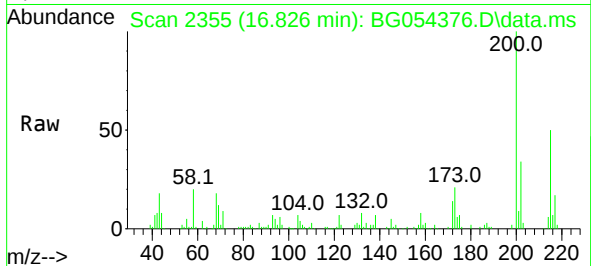
PB146375BS

Tgt Ion:200 Resp: 90728
 Ion Ratio Lower Upper
 200 100
 173 20.6 3.7 43.7
 215 50.1 25.2 65.2

Manual Integrations

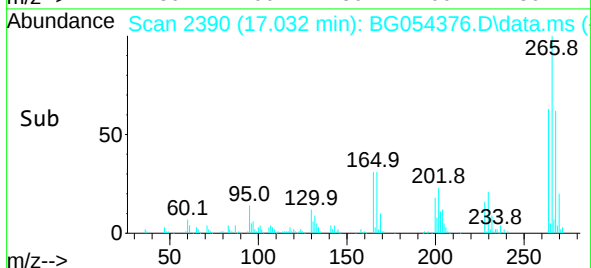
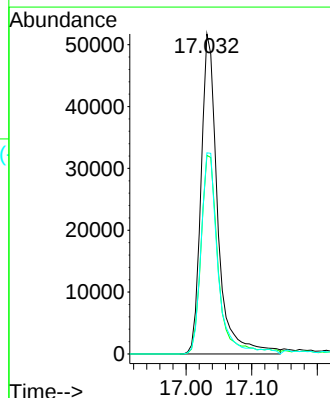
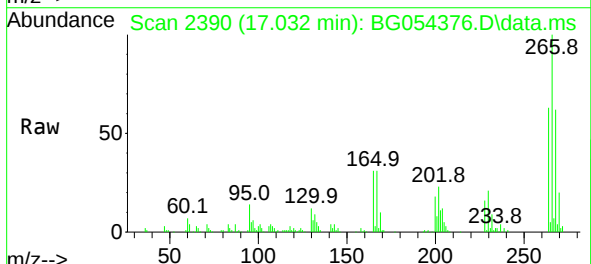
APPROVED

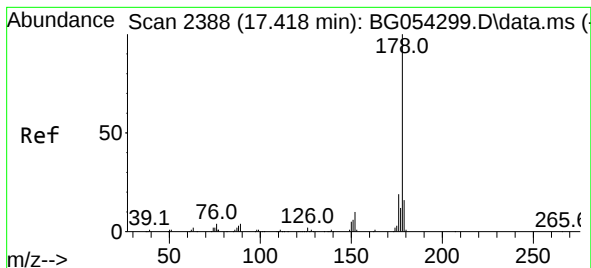
Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022



#70
 Pentachlorophenol
 Concen: 80.329 ng
 RT: 17.032 min Scan# 2390
 Delta R.T. -0.004 min
 Lab File: BG054376.D
 Acq: 25 Jul 2022 12:21

Tgt Ion:266 Resp: 91273
 Ion Ratio Lower Upper
 266 100
 268 62.1 56.2 84.2
 264 62.8 53.0 79.4





#71

Phenanthrene

Concen: 41.715 ng

RT: 17.414 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Tgt Ion:178 Resp: 33876

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

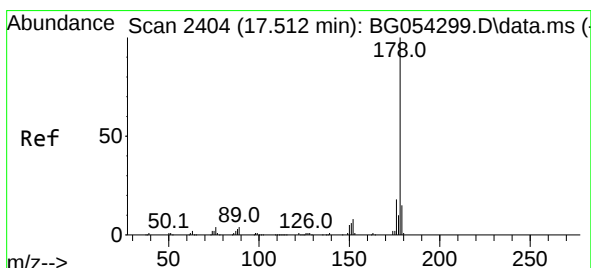
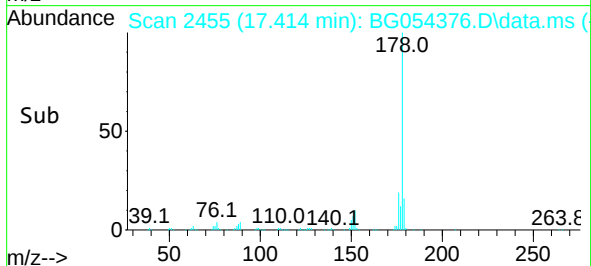
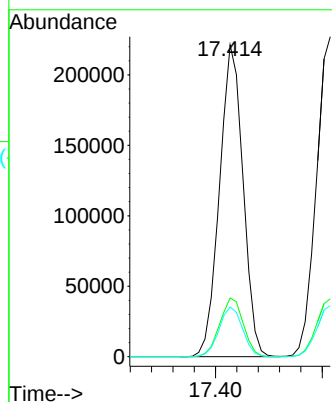
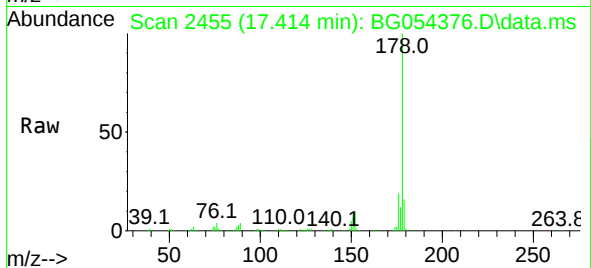
179 16.0 12.1 18.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#72

Anthracene

Concen: 43.257 ng

RT: 17.508 min Scan# 2471

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

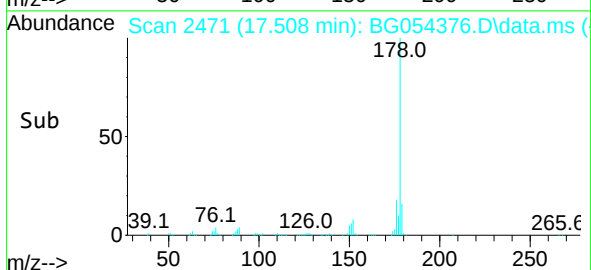
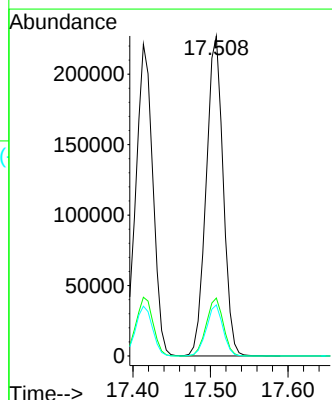
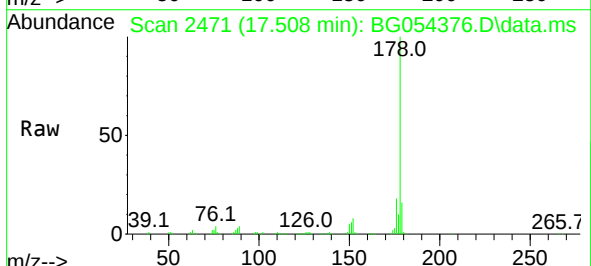
Tgt Ion:178 Resp: 344724

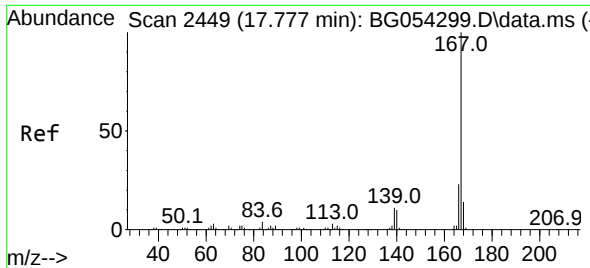
Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

179 15.9 13.0 19.4





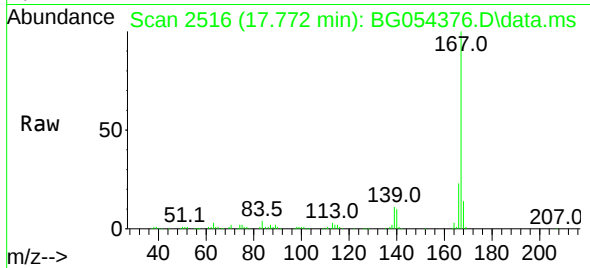
#73
 Carbazole
 Concen: 45.170 ng
 RT: 17.772 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054376.D
 Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

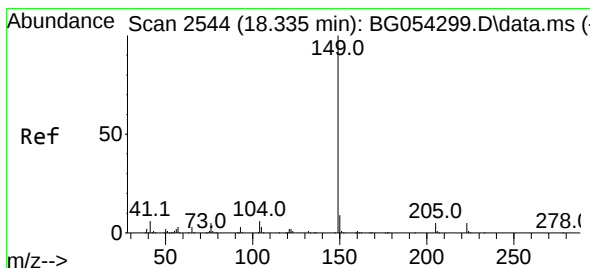
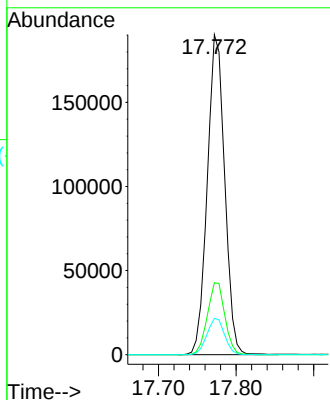
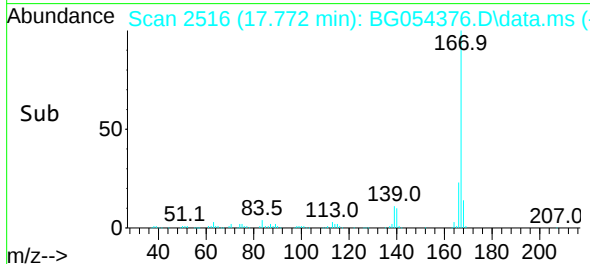


Tgt Ion:167 Resp: 296362
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 11.3 10.1 15.1

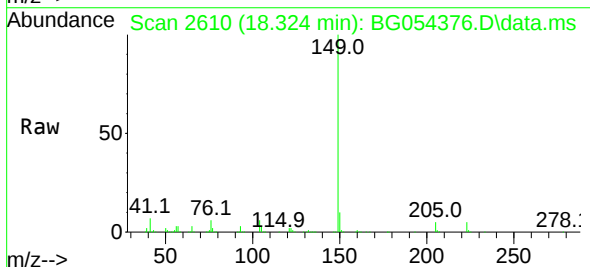
Manual Integrations

APPROVED

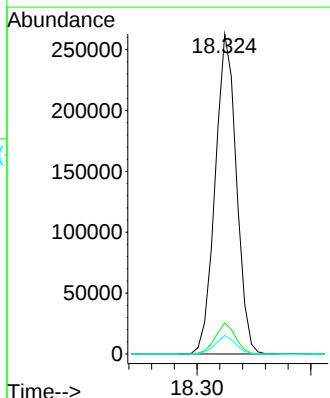
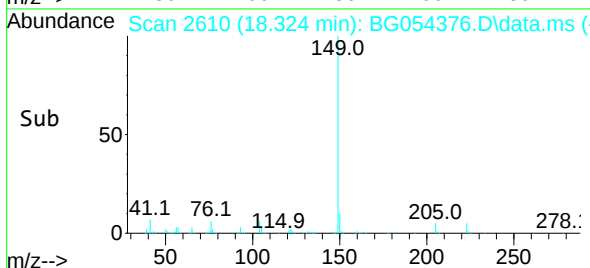
Reviewed By :Christian Giraldo 07/26/2022
 Supervised By :Jagrut Upadhyay 07/26/2022

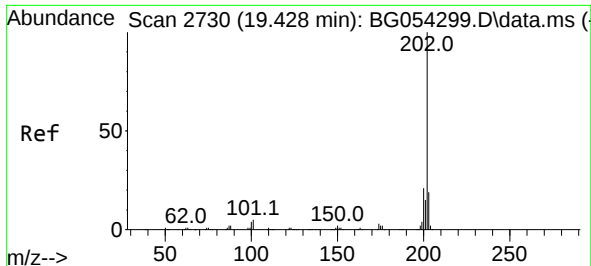


#74
 Di-n-butylphthalate
 Concen: 44.033 ng
 RT: 18.324 min Scan# 2610
 Delta R.T. -0.011 min
 Lab File: BG054376.D
 Acq: 25 Jul 2022 12:21



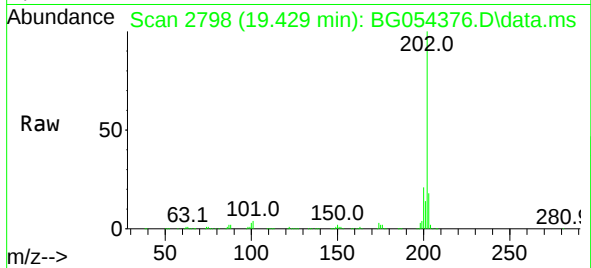
Tgt Ion:149 Resp: 340925
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.8 5.4 8.0





#75
Fluoranthene
Concen: 42.857 ng
RT: 19.429 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

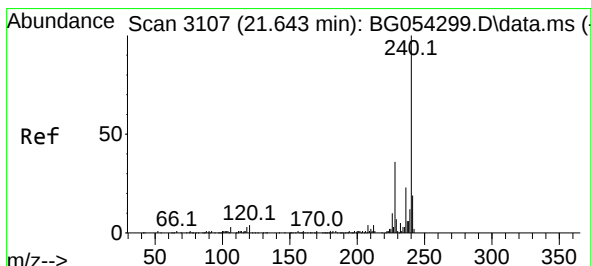
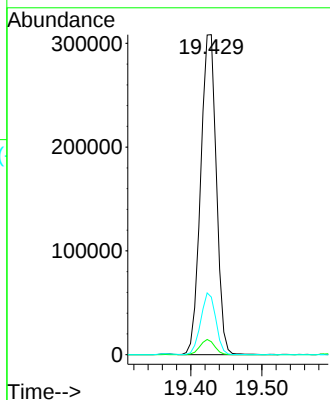
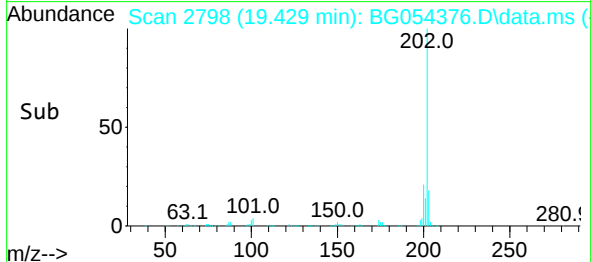
Instrument :
BNA_G
ClientSampleId :
PB146375BS



Tgt Ion:202 Resp: 474440
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 18.0 0.0 37.2

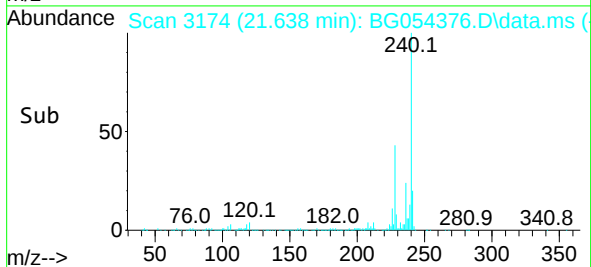
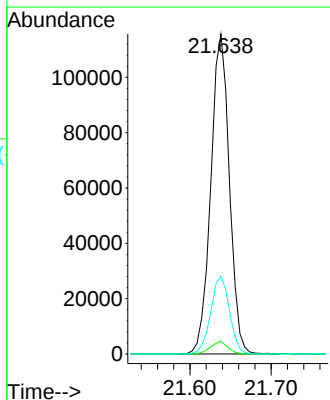
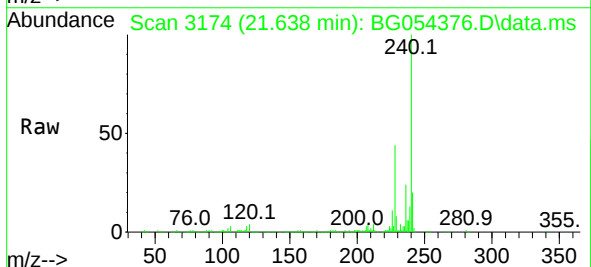
Manual Integrations
APPROVED

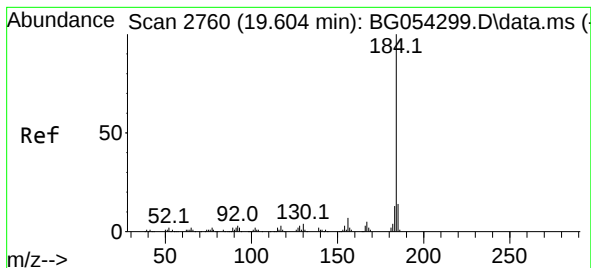
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

Tgt Ion:240 Resp: 183493
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.2 20.2 30.4





#77

Benzidine

Concen: 75.083 ng

RT: 19.599 min Scan# 249510

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Tgt Ion:184 Resp: 249510

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

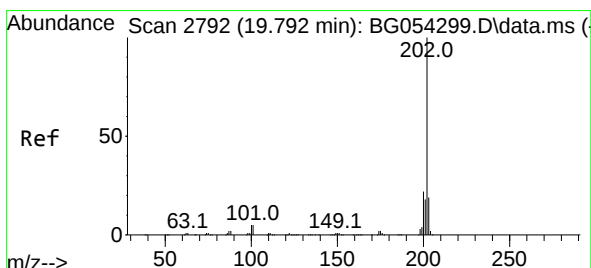
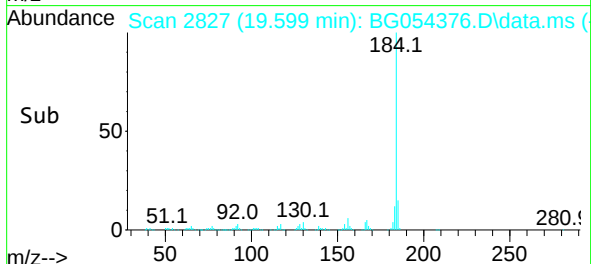
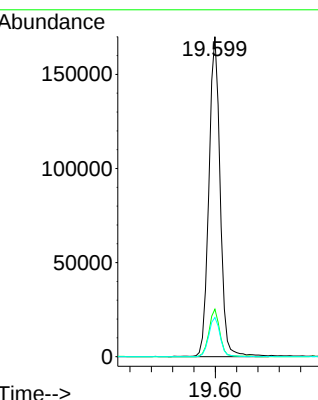
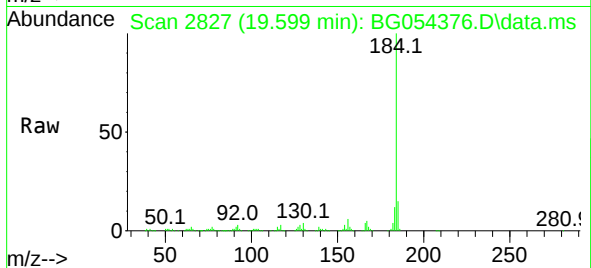
183 12.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#78

Pyrene

Concen: 44.782 ng

RT: 19.787 min Scan# 2859

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

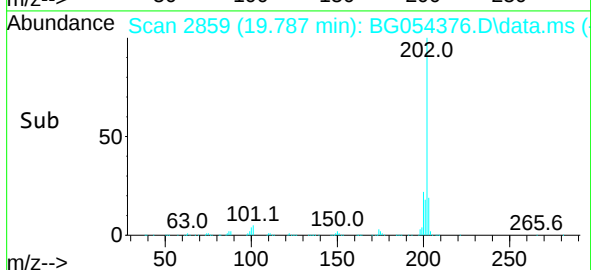
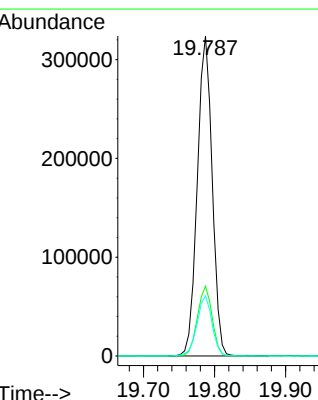
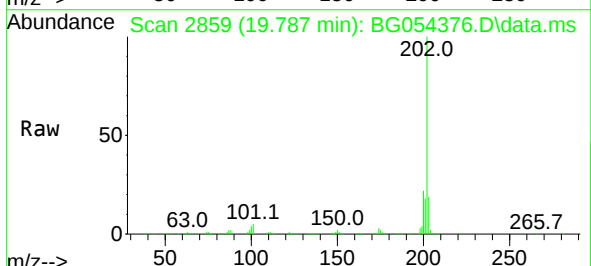
Tgt Ion:202 Resp: 471495

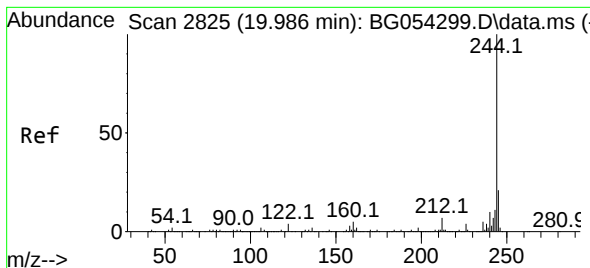
Ion Ratio Lower Upper

202 100

200 21.8 16.6 24.8

203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 89.332 ng

RT: 19.981 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054376.D

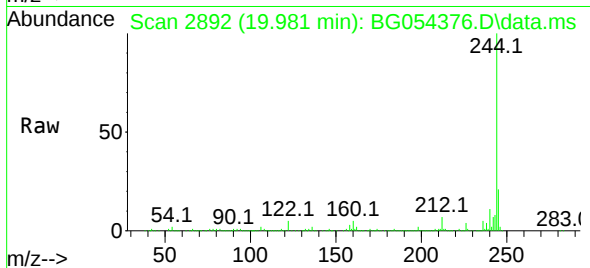
Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS



Tgt Ion:244 Resp: 826284

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

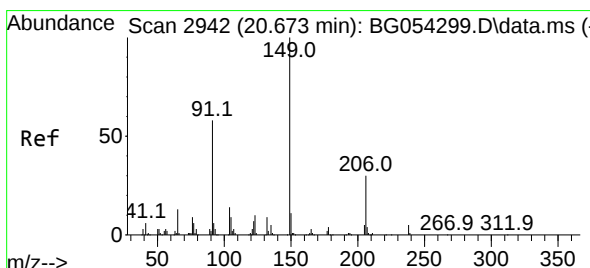
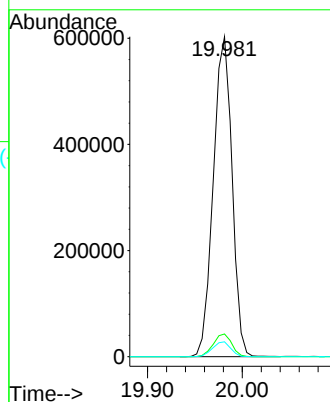
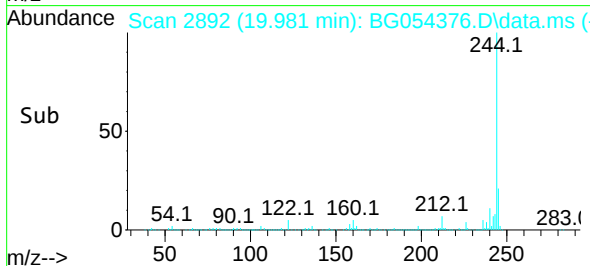
122 4.7 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#80

Butylbenzylphthalate

Concen: 43.290 ng

RT: 20.663 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

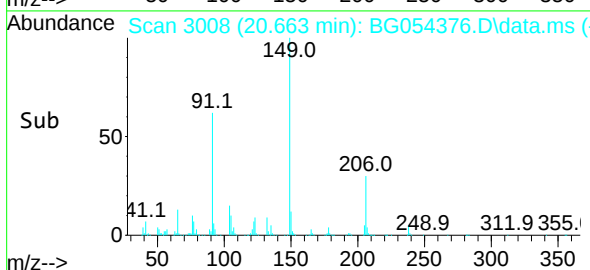
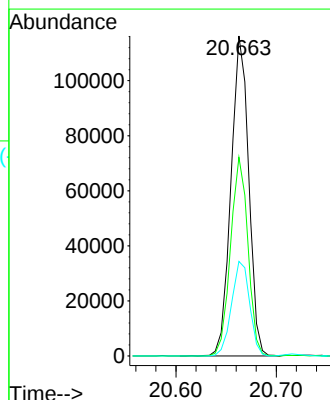
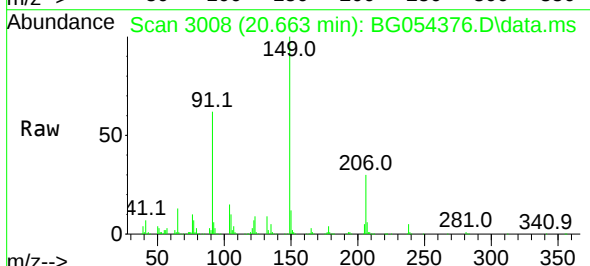
Tgt Ion:149 Resp: 142039

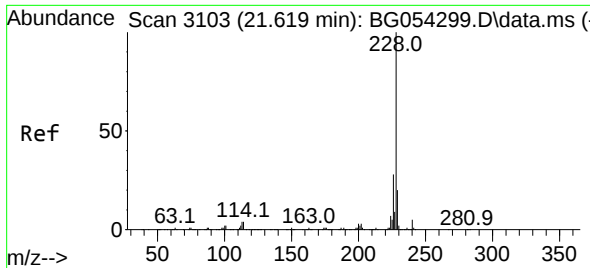
Ion Ratio Lower Upper

149 100

91 62.1 59.6 89.4

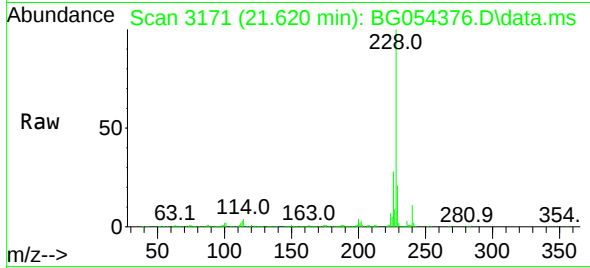
206 29.6 18.6 28.0#





#81
Benzo(a)anthracene
Concen: 42.641 ng
RT: 21.620 min Scan# 3103
Delta R.T. 0.001 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

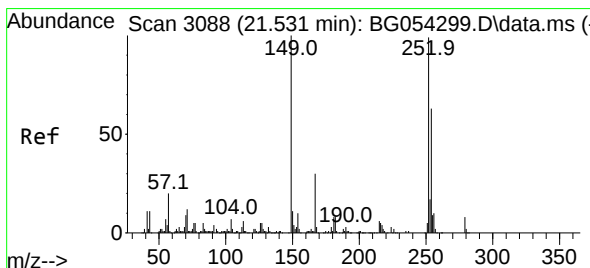
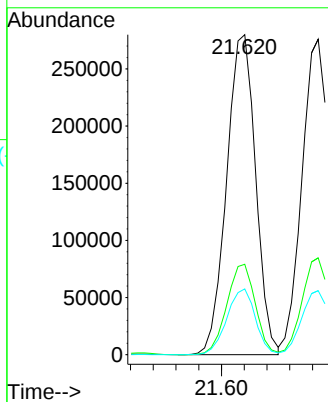
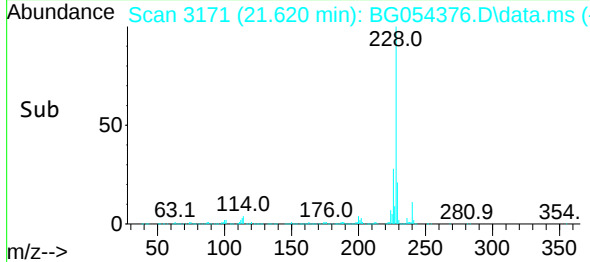
Instrument :
BNA_G
ClientSampleId :
PB146375BS



Tgt Ion:228 Resp: 496688
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.5 16.2 24.2

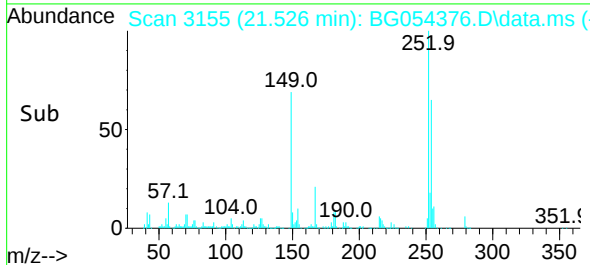
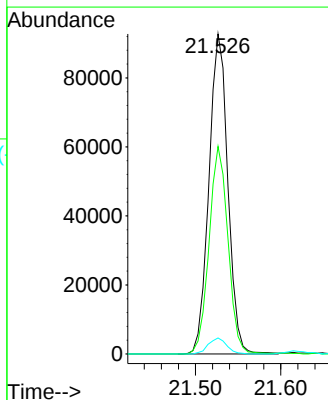
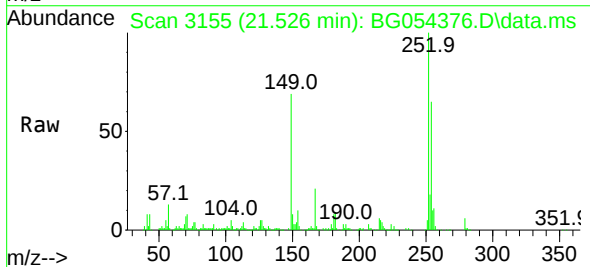
Manual Integrations
APPROVED

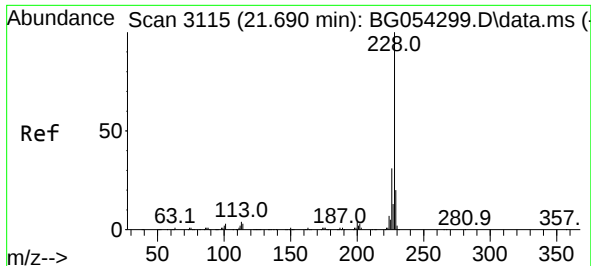
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.497 ng
RT: 21.526 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

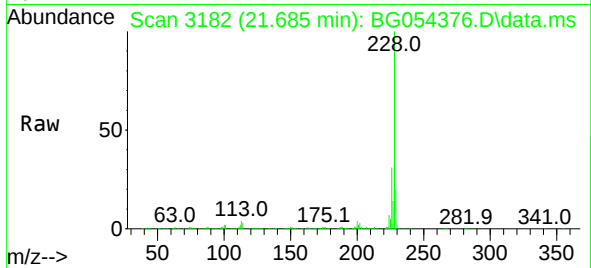
Tgt Ion:252 Resp: 143080
Ion Ratio Lower Upper
252 100
254 64.9 49.8 74.8
126 5.0 6.0 9.0#





#83
Chrysene
Concen: 42.238 ng
RT: 21.685 min Scan# 3115
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

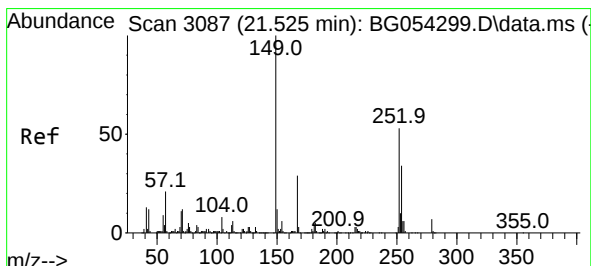
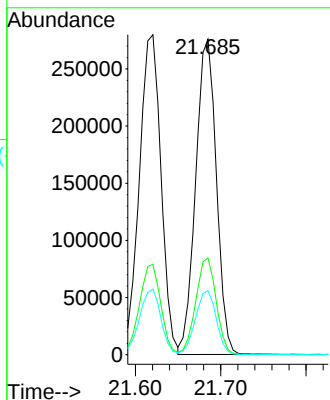
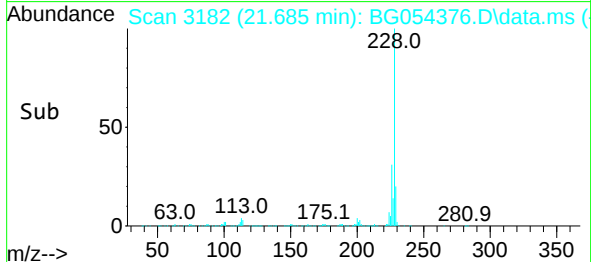
Instrument :
BNA_G
ClientSampleId :
PB146375BS



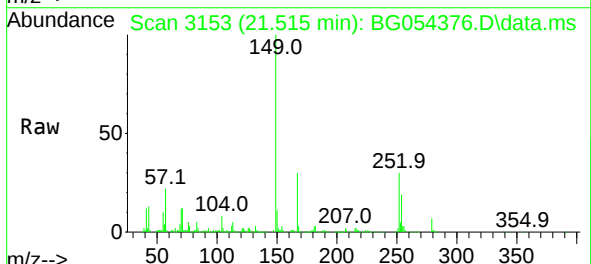
Tgt Ion:228 Resp: 464812
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 20.3 15.5 23.3

Manual Integrations
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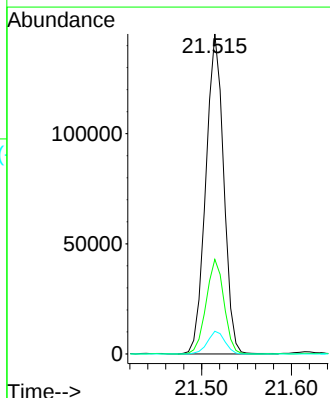
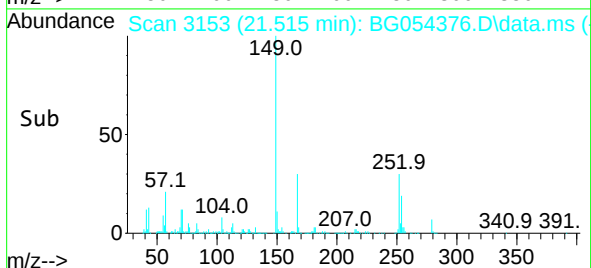
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

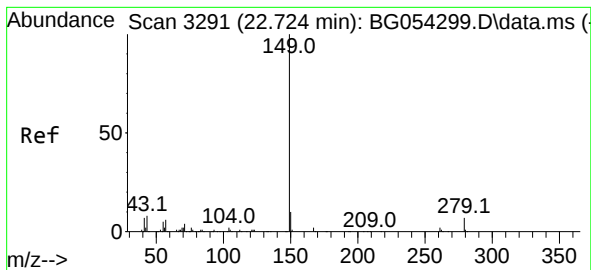


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.239 ng
RT: 21.515 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



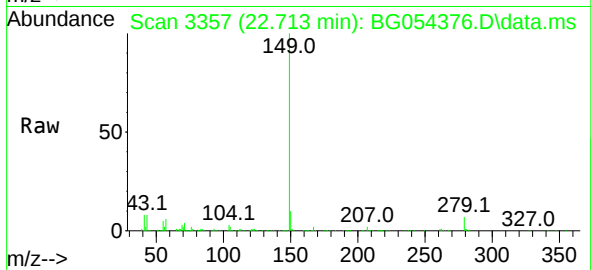
Tgt Ion:149 Resp: 200746
Ion Ratio Lower Upper
149 100
167 29.5 20.2 30.4
279 7.1 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 42.340 ng
RT: 22.713 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

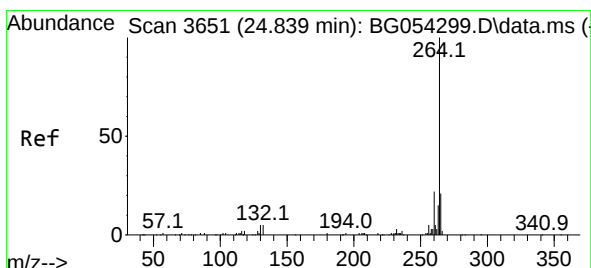
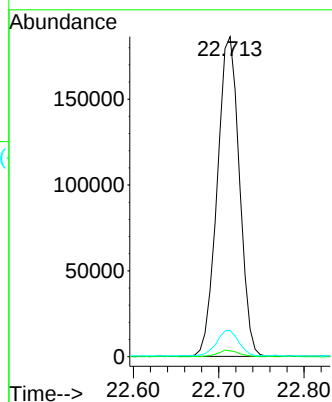
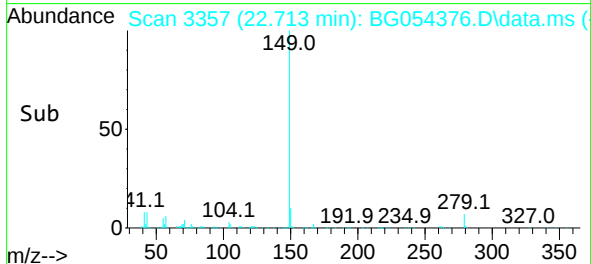
Instrument :
BNA_G
ClientSampleId :
PB146375BS



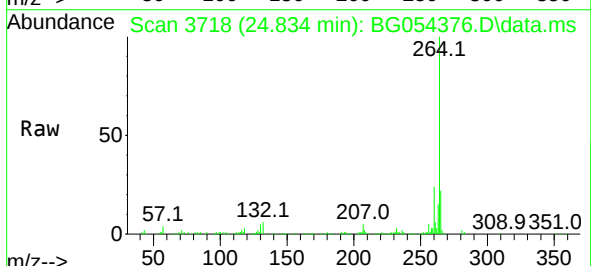
Tgt Ion:149 Resp: 33535
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 8.0 9.0 13.4

Manual Integrations
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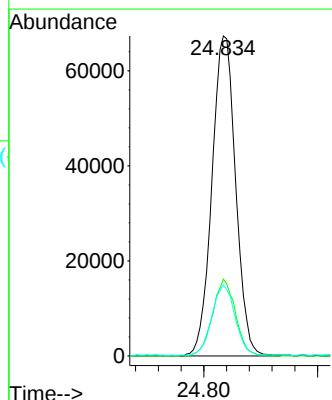
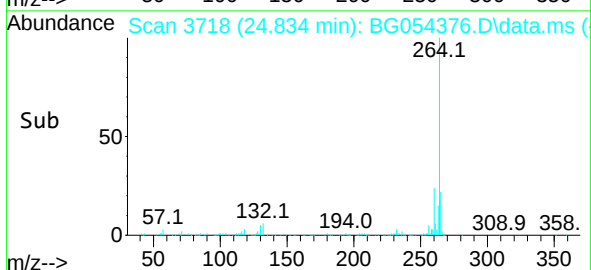
Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

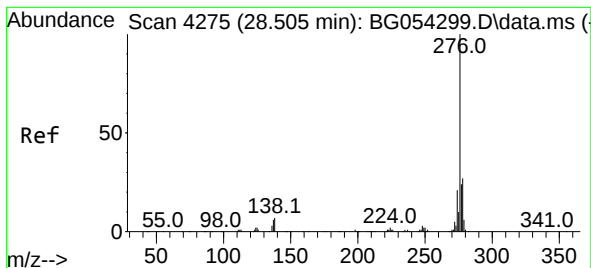


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.834 min Scan# 3718
Delta R.T. -0.005 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:264 Resp: 194728
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.533 ng

RT: 28.506 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Tgt Ion:276 Resp: 61525

Ion Ratio Lower Upper

276 100

138 8.4 5.0 7.4

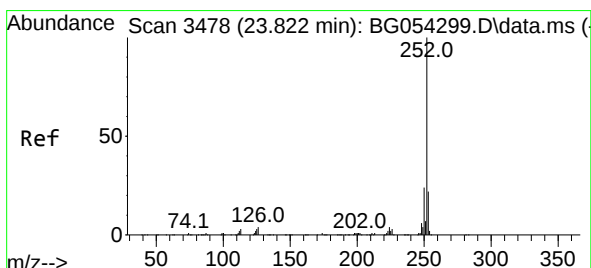
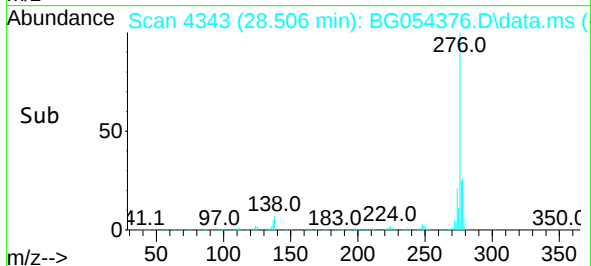
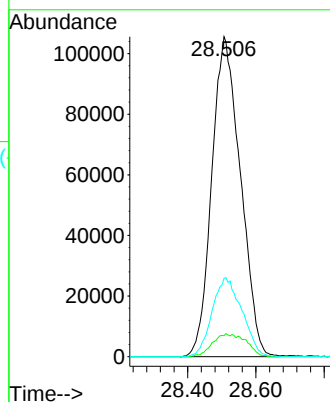
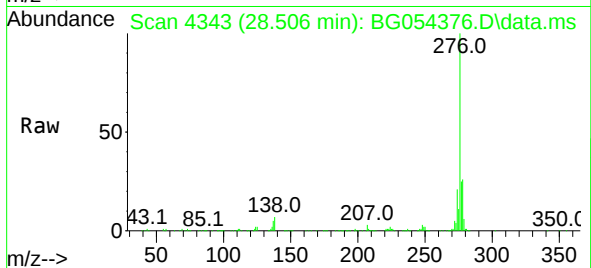
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#88

Benzo(b)fluoranthene

Concen: 45.212 ng

RT: 23.824 min Scan# 3546

Delta R.T. 0.001 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

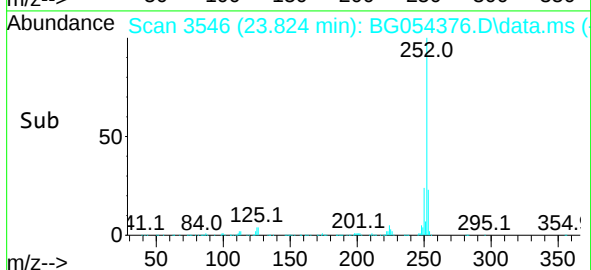
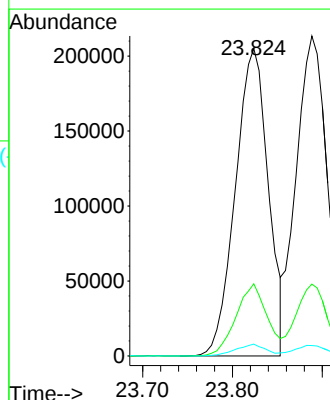
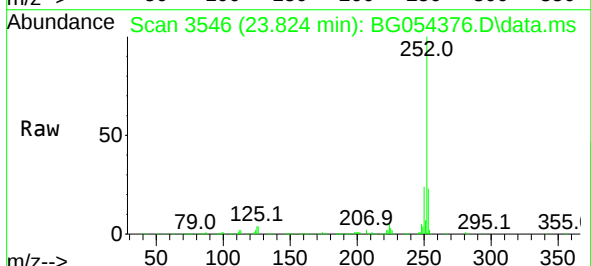
Tgt Ion:252 Resp: 520657

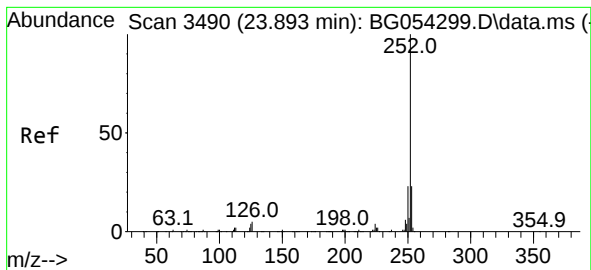
Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 3.9 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 44.517 ng

RT: 23.888 min Scan# 30

Delta R.T. -0.005 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Tgt Ion:252 Resp: 51021

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

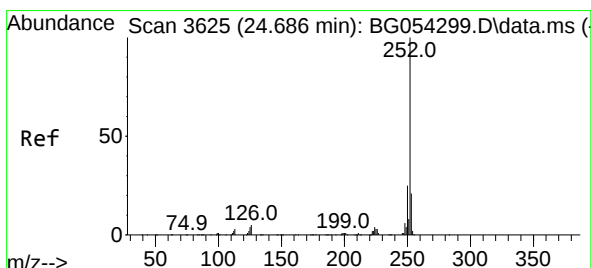
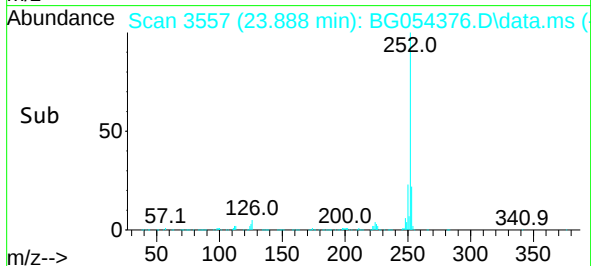
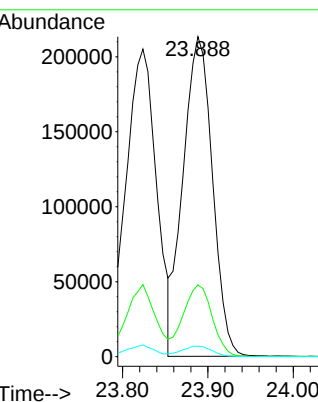
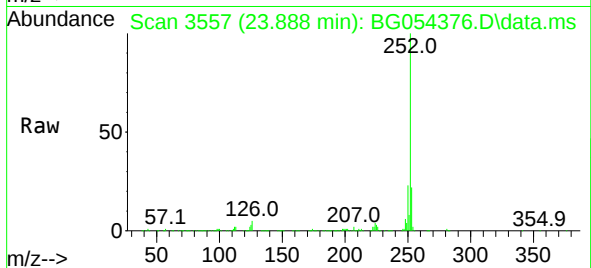
125 3.2 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/26/2022

Supervised By :Jagrut Upadhyay 07/26/2022



#90

Benzo(a)pyrene

Concen: 46.888 ng

RT: 24.687 min Scan# 3693

Delta R.T. 0.001 min

Lab File: BG054376.D

Acq: 25 Jul 2022 12:21

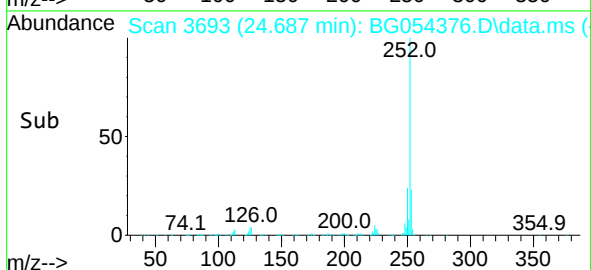
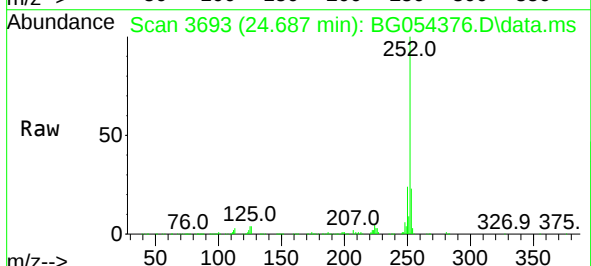
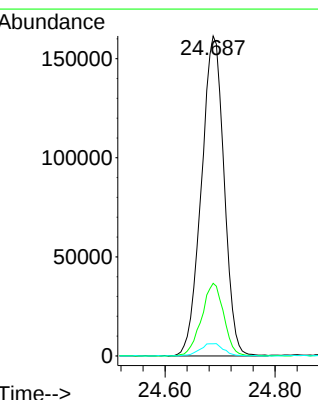
Tgt Ion:252 Resp: 461135

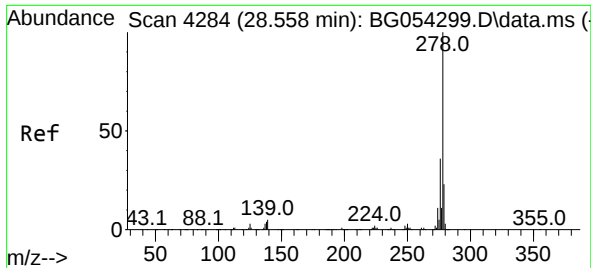
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

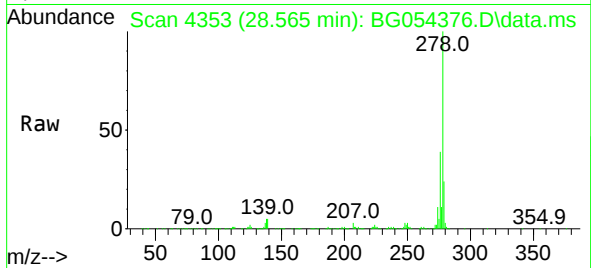
125 3.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 44.323 ng
RT: 28.565 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21

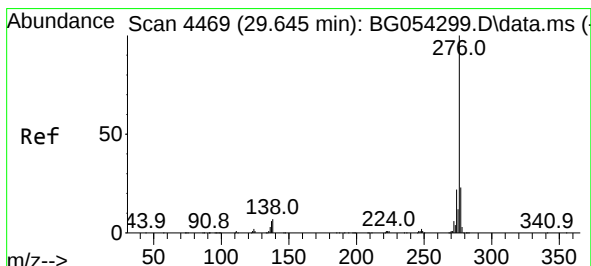
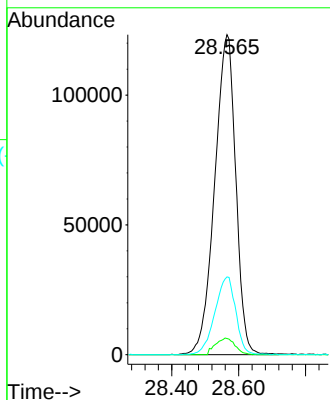
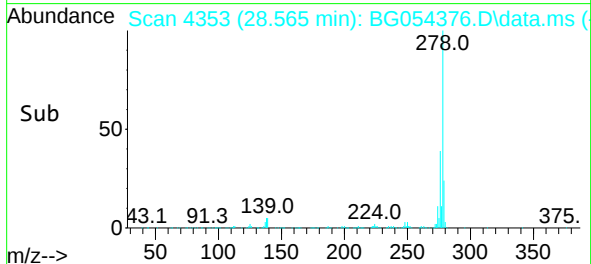
Instrument :
BNA_G
ClientSampleId :
PB146375BS



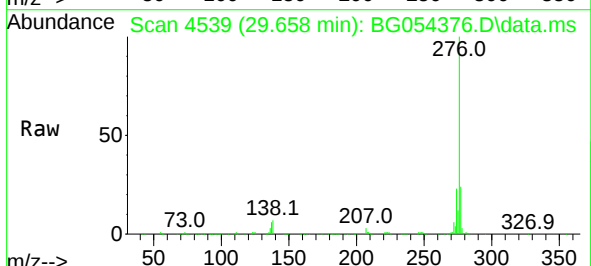
Tgt Ion:278 Resp: 539910
Ion Ratio Lower Upper
278 100
139 5.1 7.2 10.8
279 24.3 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022



#92
Benzo(g,h,i)perylene
Concen: 44.165 ng
RT: 29.658 min Scan# 4539
Delta R.T. 0.013 min
Lab File: BG054376.D
Acq: 25 Jul 2022 12:21



Tgt Ion:276 Resp: 530975
Ion Ratio Lower Upper
276 100
277 23.6 17.3 25.9
138 6.7 9.6 14.4

