

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054336.D
 Acq On : 20 Jul 2022 20:56
 Operator : CG/JU
 Sample : N3776-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/21/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

Quant Time: Jul 21 01:25:49 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	8.003	152	22768	20.000	ng	0.00
21) Naphthalene-d8	10.811	136	86884	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	64890	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	154538	20.000	ng	# 0.00
76) Chrysene-d12	21.663	240	175477	20.000	ng	# 0.02
86) Perylene-d12	24.895	264	195030	20.000	ng	# 0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	124947	114.580	ng	0.00
7) Phenol-d6	7.180	99	166301	111.295	ng	0.00
23) Nitrobenzene-d5	9.166	82	109663	68.734	ng	0.00
42) 2,4,6-Tribromophenol	16.128	330	148391	108.915	ng	0.00
45) 2-Fluorobiphenyl	13.261	172	330981	71.955	ng	0.00
79) Terphenyl-d14	19.994	244	651012	73.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.426	88	15146m	34.912	ng	
3) Pyridine	3.831	79	41769	37.953	ng	97
4) n-Nitrosodimethylamine	3.749	42	31635	51.408	ng	# 82
6) Aniline	7.321	93	51267	29.724	ng	98
8) 2-Chlorophenol	7.574	128	66450	53.025	ng	89
9) Benzaldehyde	7.133	77	32673	43.432	ng	# 77
10) Phenol	7.209	94	78490	52.870	ng	94
11) bis(2-Chloroethyl)ether	7.415	93	53073	49.031	ng	91
12) 1,3-Dichlorobenzene	7.891	146	76799	50.297	ng	91
13) 1,4-Dichlorobenzene	8.038	146	76909	48.775	ng	96
14) 1,2-Dichlorobenzene	8.355	146	76209	51.253	ng	96
15) Benzyl Alcohol	8.243	79	63079	51.327	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.531	45	68110	49.961	ng	91
17) 2-Methylphenol	8.455	107	55518	51.884	ng	96
18) Hexachloroethane	9.084	117	26419	50.601	ng	# 65
19) n-Nitroso-di-n-propyla...	8.807	70	46145	46.246	ng	93
20) 3+4-Methylphenols	8.790	107	75760	50.249	ng	99
22) Acetophenone	8.825	105	99448	47.590	ng	# 96
24) Nitrobenzene	9.207	77	73154	46.917	ng	# 84
25) Isophorone	9.736	82	130399	46.995	ng	# 91
26) 2-Nitrophenol	9.924	139	38859	49.442	ng	91
27) 2,4-Dimethylphenol	9.988	122	62530	57.593	ng	95
28) bis(2-Chloroethoxy)met...	10.212	93	70607	50.453	ng	99
29) 2,4-Dichlorophenol	10.470	162	83488	50.944	ng	87
30) 1,2,4-Trichlorobenzene	10.676	180	96058	47.328	ng	92
31) Naphthalene	10.864	128	213813	49.024	ng	98
32) Benzoic acid	10.176	122	39559	84.799	ng	# 87
33) 4-Chloroaniline	10.970	127	37495	21.140	ng	93
34) Hexachlorobutadiene	11.146	225	84602	47.166	ng	97
35) Caprolactam	11.763	113	21315m	51.655	ng	
36) 4-Chloro-3-methylphenol	12.110	107	74115	49.712	ng	# 84
37) 2-Methylnaphthalene	12.468	142	162179	48.422	ng	96
38) 1-Methylnaphthalene	12.685	142	154817	47.438	ng	99
40) 1,2,4,5-Tetrachloroben...	12.838	216	146373	51.487	ng	# 96
41) Hexachlorocyclopentadiene	12.815	237	49526	56.441	ng	99
43) 2,4,6-Trichlorophenol	13.079	196	85931	55.513	ng	97

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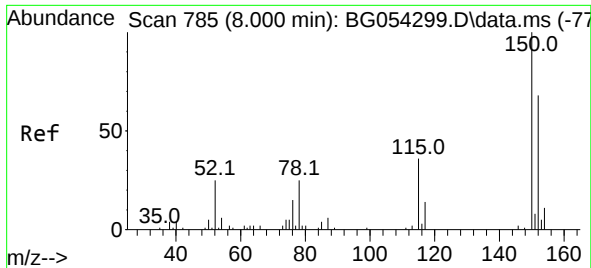
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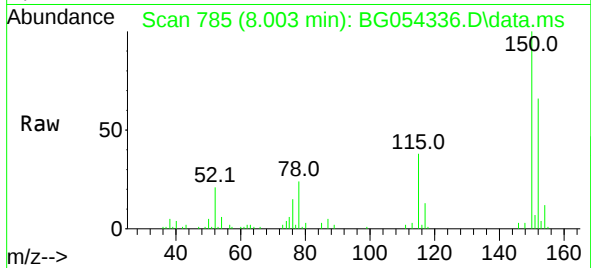
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.161	196	91744	52.454	ng	# 92
46) 1,1'-Biphenyl	13.473	154	225851	50.875	ng	97
47) 2-Chloronaphthalene	13.514	162	185760	50.000	ng	96
48) 2-Nitroaniline	13.719	65	50098	51.670	ng	91
49) Acenaphthylene	14.360	152	302804	54.852	ng	99
50) Dimethylphthalate	14.090	163	236543	46.669	ng	99
51) 2,6-Dinitrotoluene	14.213	165	53284	47.929	ng	# 78
52) Acenaphthene	14.701	154	195669	58.534	ng	100
53) 3-Nitroaniline	14.542	138	34411	37.009	ng	# 84
54) 2,4-Dinitrophenol	14.759	184	61531	94.089	ng	# 82
55) Dibenzofuran	15.036	168	302952	50.934	ng	94
56) 4-Nitrophenol	14.877	139	68187	109.921	ng	98
57) 2,4-Dinitrotoluene	15.006	165	77943	48.905	ng	# 82
58) Fluorene	15.688	166	268564	54.917	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.271	232	87969	51.661	ng	# 88
60) Diethylphthalate	15.453	149	222869	45.836	ng	96
61) 4-Chlorophenyl-phenyle...	15.670	204	155117	48.322	ng	# 88
62) 4-Nitroaniline	15.705	138	42380	43.385	ng	90
63) Azobenzene	15.964	77	162538	46.264	ng	83
65) 4,6-Dinitro-2-methylph...	15.776	198	44882	47.009	ng	78
66) n-Nitrosodiphenylamine	15.887	169	207858	53.873	ng	95
67) 4-Bromophenyl-phenylether	16.569	248	113845	52.453	ng	# 91
68) Hexachlorobenzene	16.698	284	129309	52.098	ng	# 90
69) Atrazine	16.839	200	98728	57.503	ng	92
70) Pentachlorophenol	17.045	266	130596	119.356	ng	98
71) Phenanthrene	17.433	178	1173612	152.498	ng	94
72) Anthracene	17.521	178	504493	66.802	ng	100
73) Carbazole	17.791	167	393330	63.261	ng	99
74) Di-n-butylphthalate	18.343	149	338656	46.156	ng	98
75) Fluoranthene	19.454	202	2554806	243.529	ng	89
77) Benzidine	19.624	184	9354	2.943	ng	# 83
78) Pyrene	19.818	202	2396998	238.064	ng	# 86
80) Butylbenzylphthalate	20.682	149	143335	45.681	ng	# 84
81) Benzo(a)anthracene	21.645	228	1689170	151.643	ng	92
82) 3,3'-Dichlorobenzidine	21.551	252	86897	25.084	ng	95
83) Chrysene	21.716	228	1735259	164.887	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.534	149	212387	47.836	ng	# 92
85) Di-n-octyl phthalate	22.744	149	364623	48.138	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.631	276	1748210	117.829	ng	99
88) Benzo(b)fluoranthene	23.896	252	2373097	205.751	ng	# 95
89) Benzo(k)fluoranthene	23.949	252	1251103m	108.993	ng	
90) Benzo(a)pyrene	24.765	252	1925505m	195.483	ng	
91) Dibenzo(a,h)anthracene	28.667	278	760352	62.324	ng	# 95
92) Benzo(g,h,i)perylene	29.795	276	1655661	137.501	ng	# 91

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.003 min Scan# 7
 Delta R.T. 0.003 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56

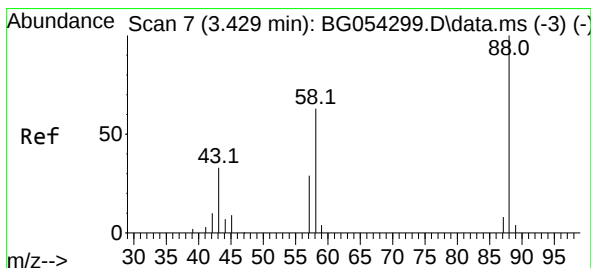
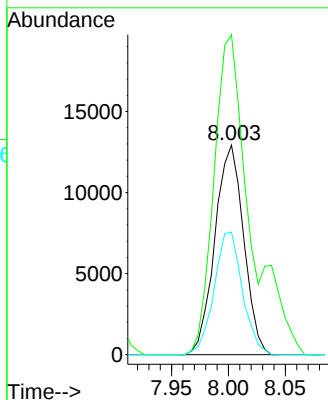
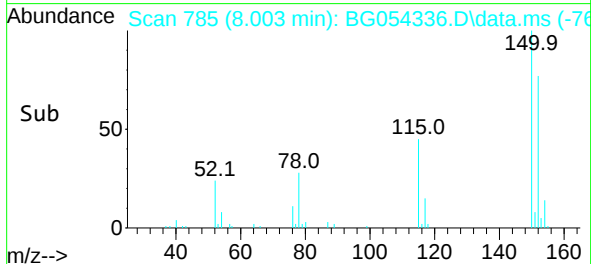
Instrument :
 BNA_G
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 72-11966MS



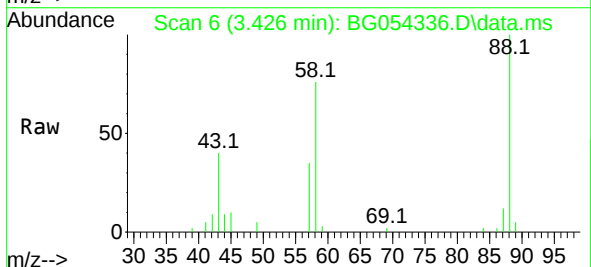
Tgt Ion:152 Resp: 2276
 Ion Ratio Lower Upper
 152 100
 150 152.7 131.6 197.4
 115 58.5 50.9 76.3

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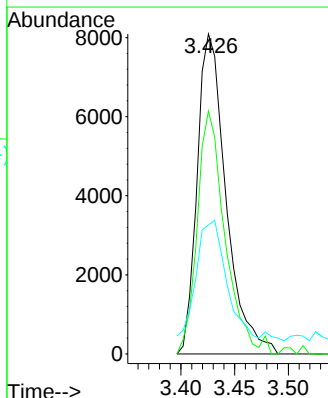
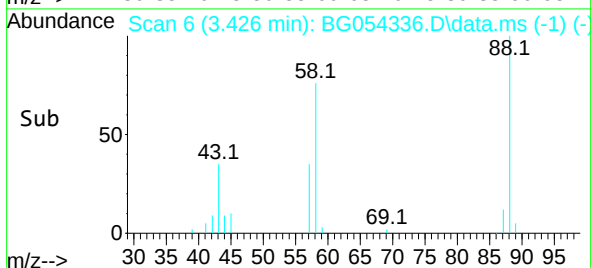
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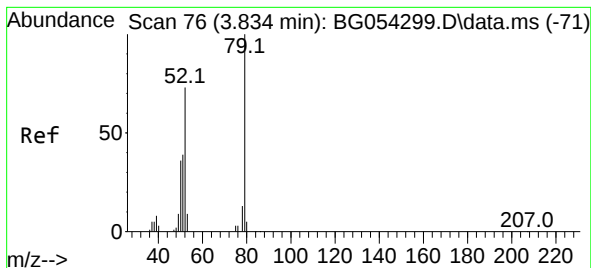


#2
 1,4-Dioxane
 Concen: 34.912 ng m
 RT: 3.426 min Scan# 6
 Delta R.T. -0.003 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56



Tgt Ion: 88 Resp: 15146
 Ion Ratio Lower Upper
 88 100
 58 69.5 59.2 88.8
 43 35.2 24.3 36.5





#3

Pyridine

Concen: 37.953 ng

RT: 3.831 min Scan# 76

Delta R.T. -0.003 min

Lab File: BG054336.D

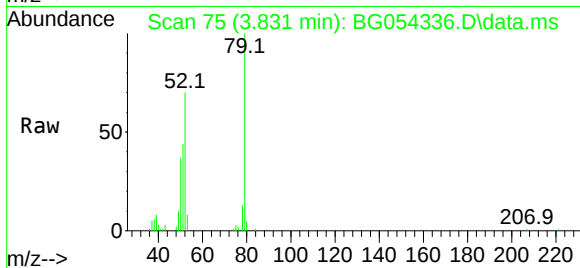
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS



Tgt Ion: 79 Resp: 41769

Ion Ratio Lower Upper

79 100

52 69.7 54.6 81.8

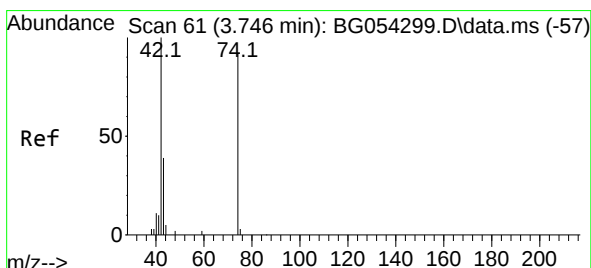
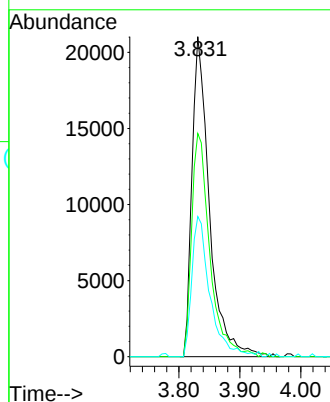
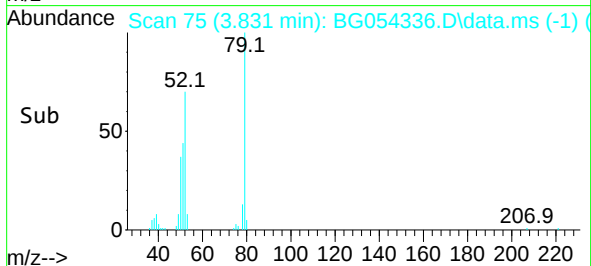
51 43.8 32.5 48.7

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#4

n-Nitrosodimethylamine

Concen: 51.408 ng

RT: 3.749 min Scan# 61

Delta R.T. 0.003 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

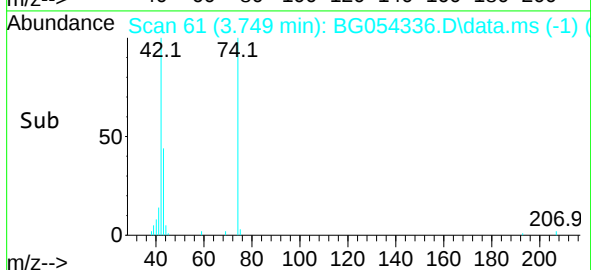
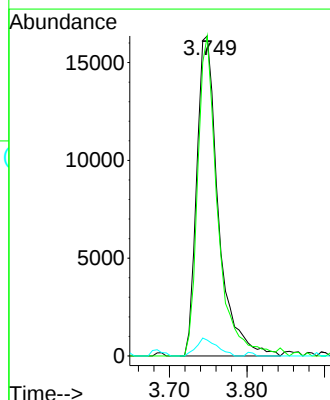
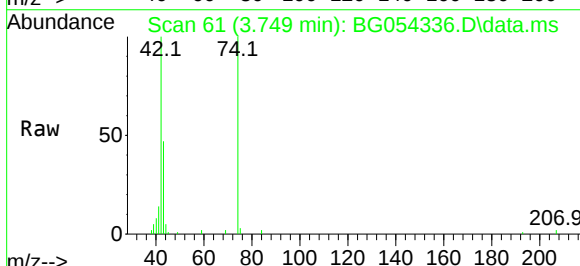
Tgt Ion: 42 Resp: 31635

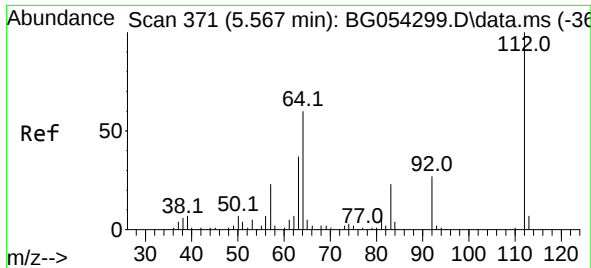
Ion Ratio Lower Upper

42 100

74 100.0 97.0 145.4

44 5.0 7.0 10.4





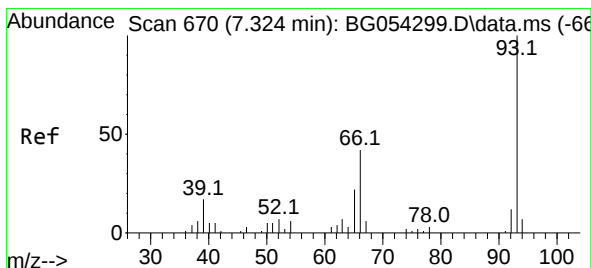
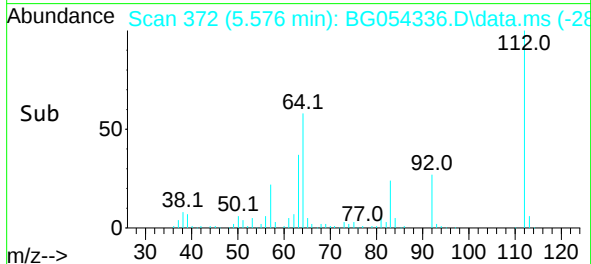
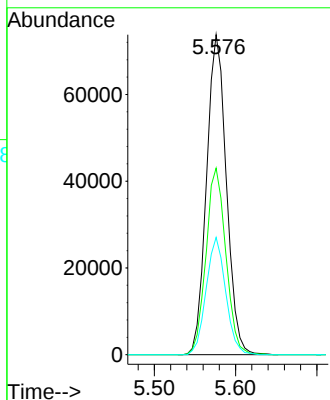
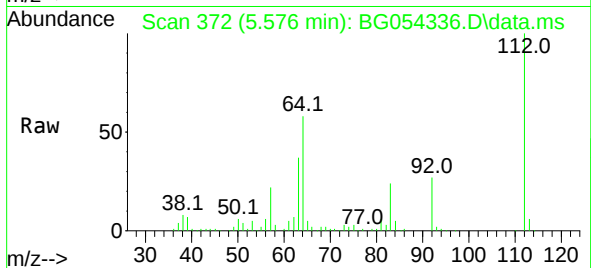
#5
2-Fluorophenol
Concen: 114.580 ng
RT: 5.576 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 12494
Ion Ratio Lower Upper
112 100
64 58.3 55.1 82.7
63 36.7 30.4 45.6

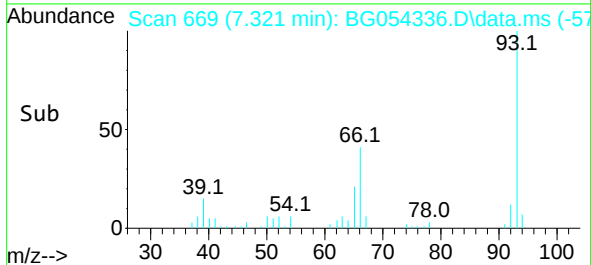
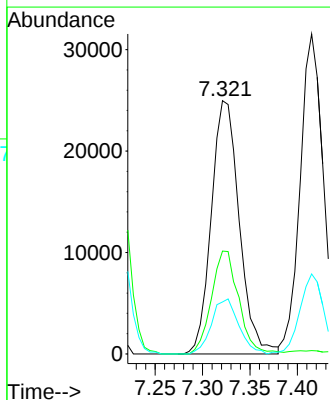
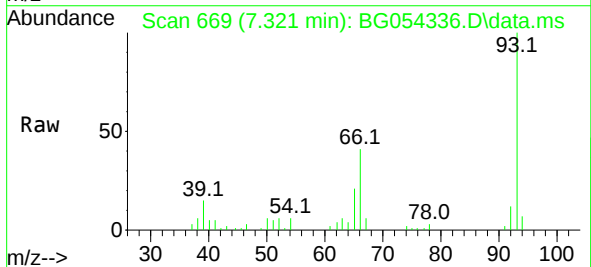
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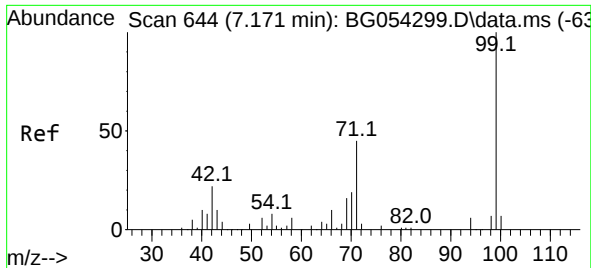
Reviewed By :Christian Giraldo 07/21/2022
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#6
Aniline
Concen: 29.724 ng
RT: 7.321 min Scan# 669
Delta R.T. -0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

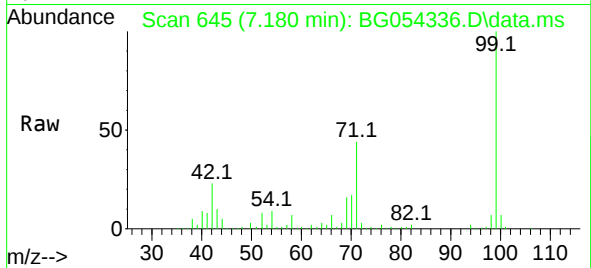
Tgt Ion: 93 Resp: 51267
Ion Ratio Lower Upper
93 100
66 40.6 32.9 49.3
65 20.5 17.8 26.8





#7
Phenol-d6
Concen: 111.295 ng
RT: 7.180 min Scan# 644
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

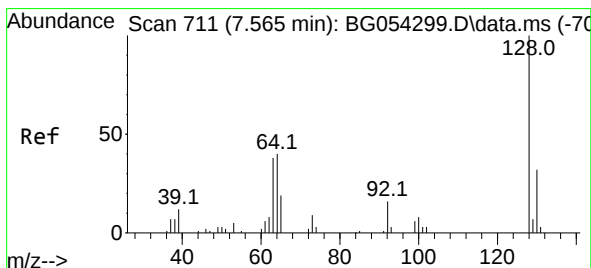
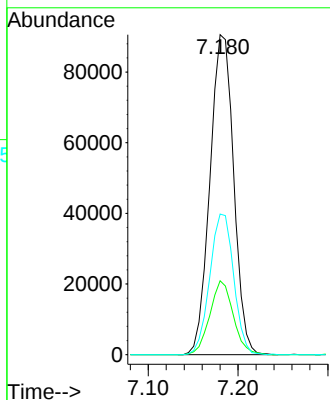
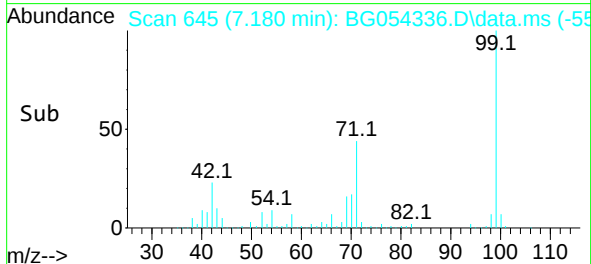
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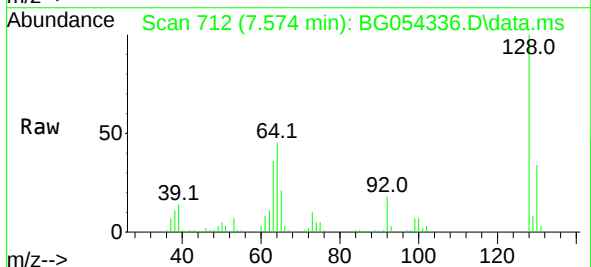
Tgt Ion: 99 Resp: 16630
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 44.0 33.8 50.8

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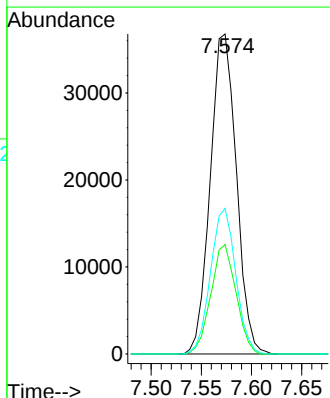
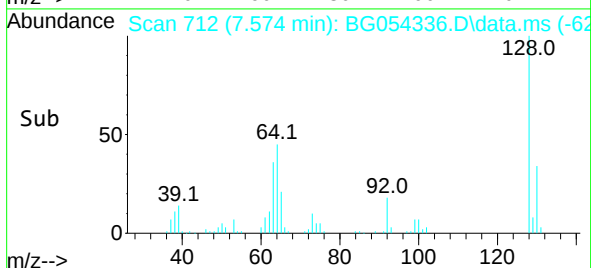
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#8
2-Chlorophenol
Concen: 53.025 ng
RT: 7.574 min Scan# 712
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:128 Resp: 66450
Ion Ratio Lower Upper
128 100
130 34.2 10.5 50.5
64 45.5 35.1 75.1





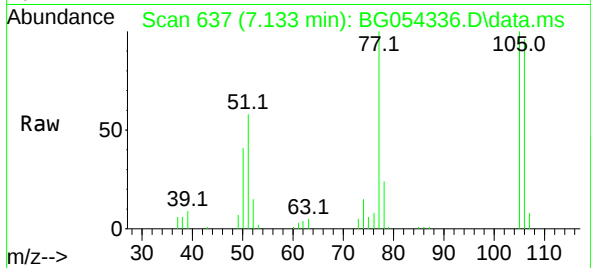
#9
Benzaldehyde
Concen: 43.432 ng
RT: 7.133 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

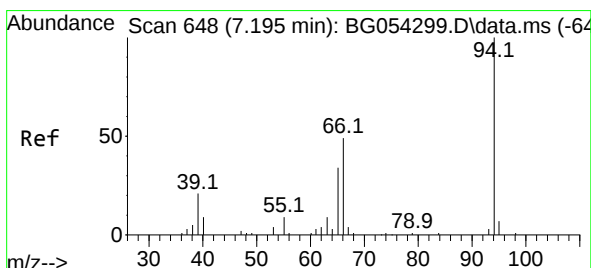
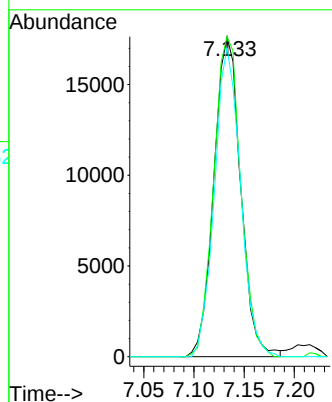


Tgt Ion: 77 Resp: 3267
Ion Ratio Lower Upper
77 100
105 100.0 59.6 99.6
106 96.5 56.8 96.8

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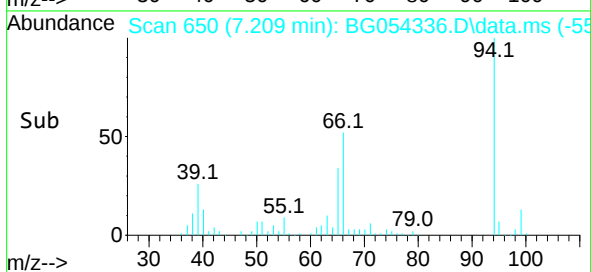
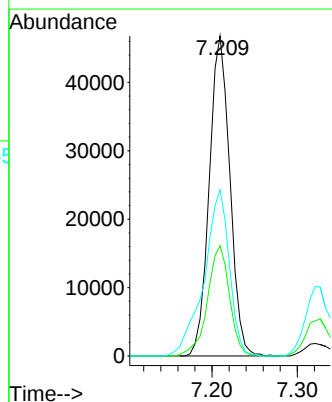
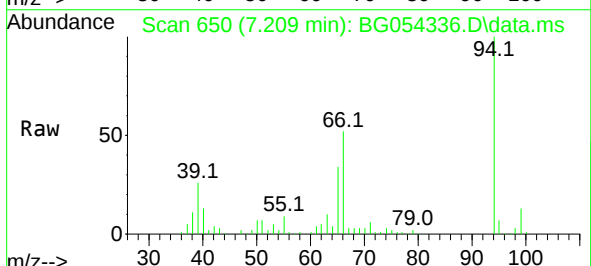
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Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#10
Phenol
Concen: 52.870 ng
RT: 7.209 min Scan# 650
Delta R.T. 0.014 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

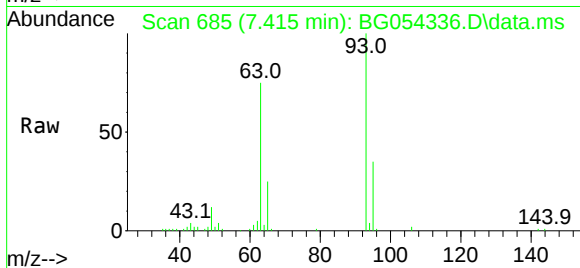
Tgt Ion: 94 Resp: 78490
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 51.9 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 49.031 ng
RT: 7.415 min Scan# 686
Delta R.T. -0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

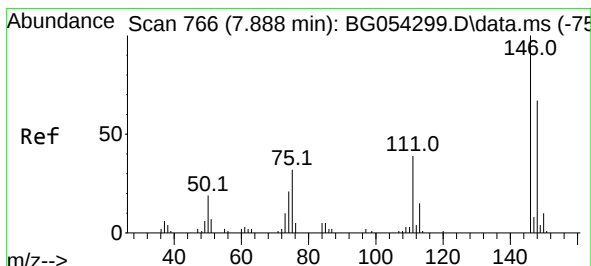
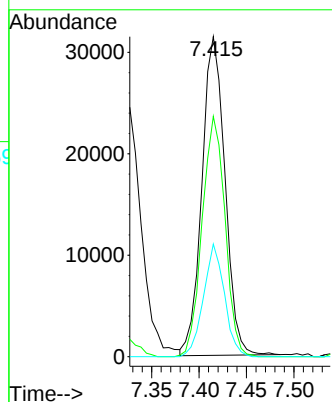
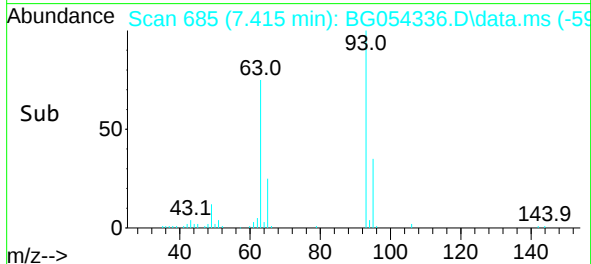
Instrument :
BNA_G
ClientSampleId :
72-11966MS



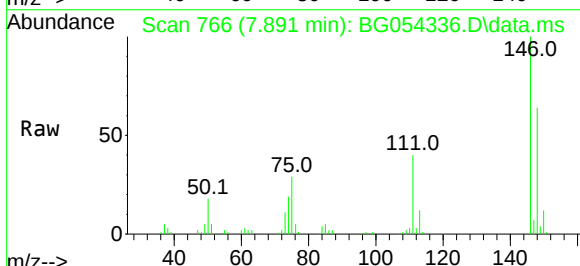
Tgt Ion: 93 Resp: 53073
Ion Ratio Lower Upper
93 100
63 75.1 63.6 103.6
95 35.2 10.1 50.1

Manual Integrations
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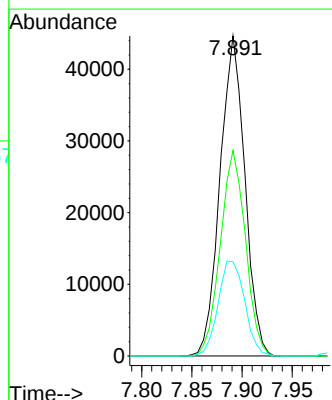
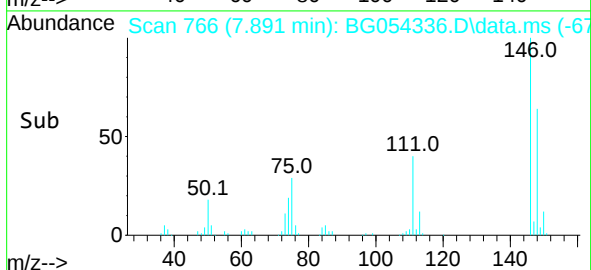
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

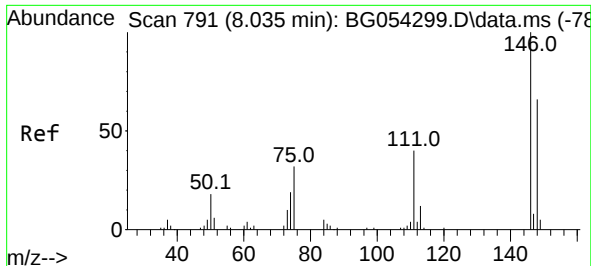


#12
1,3-Dichlorobenzene
Concen: 50.297 ng
RT: 7.891 min Scan# 766
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



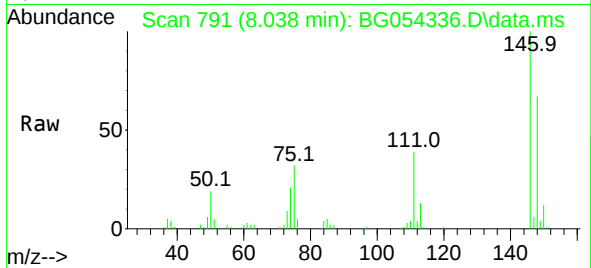
Tgt Ion:146 Resp: 76799
Ion Ratio Lower Upper
146 100
148 64.2 46.1 69.1
75 29.4 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 48.775 ng
RT: 8.038 min Scan# 791
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

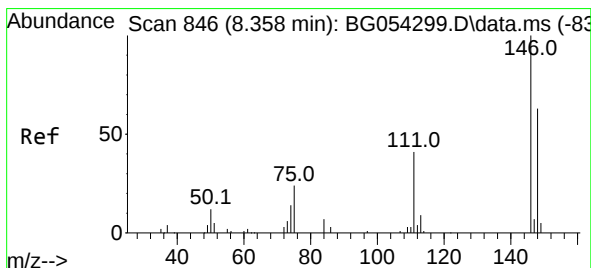
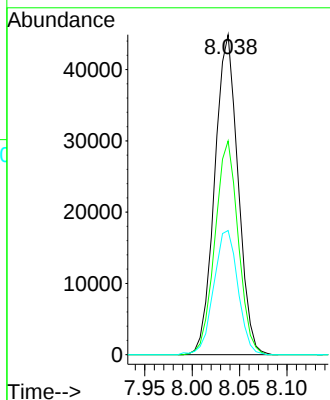
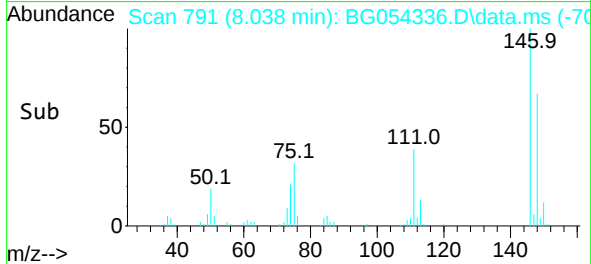
Instrument :
BNA_G
ClientSampleId :
72-11966MS



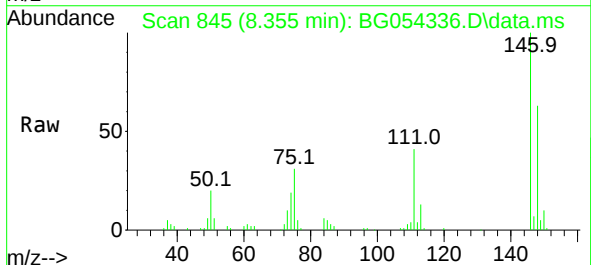
Tgt Ion:146 Resp: 76909
Ion Ratio Lower Upper
146 100
148 66.8 51.5 77.3
111 38.8 33.9 50.9

Manual Integrations
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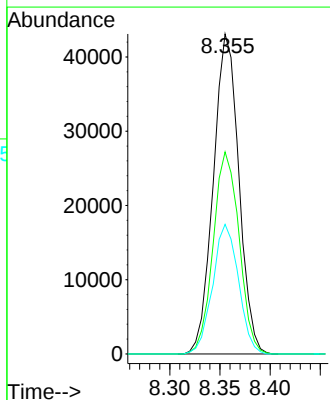
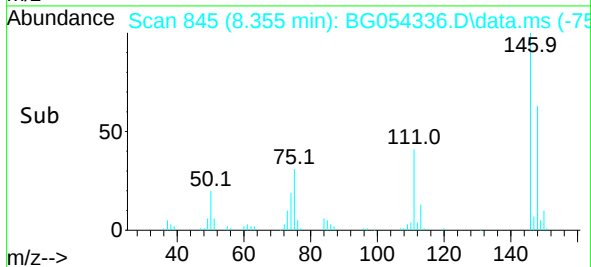
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

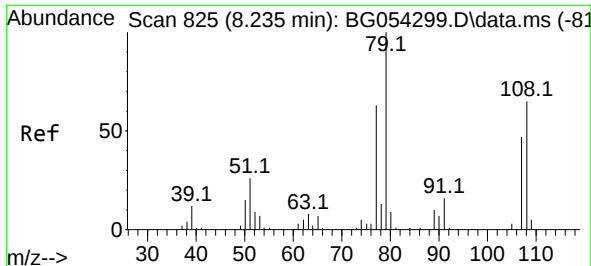


#14
1,2-Dichlorobenzene
Concen: 51.253 ng
RT: 8.355 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



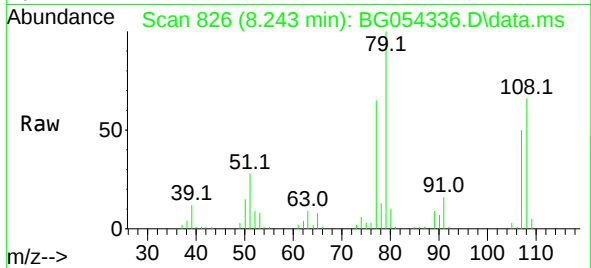
Tgt Ion:146 Resp: 76209
Ion Ratio Lower Upper
146 100
148 63.1 52.6 78.8
111 40.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 51.327 ng
RT: 8.243 min Scan# 81
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

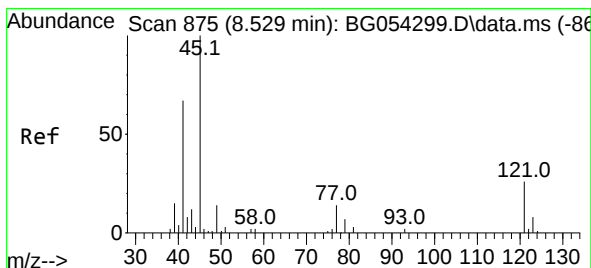
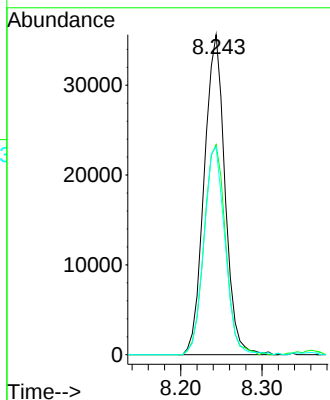
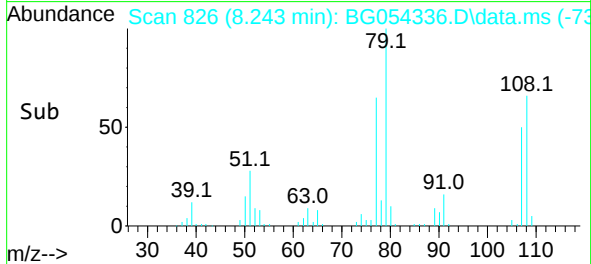
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion: 79 Resp: 63079
Ion Ratio Lower Upper
79 100
108 65.6 53.7 80.5
77 64.9 52.2 78.4

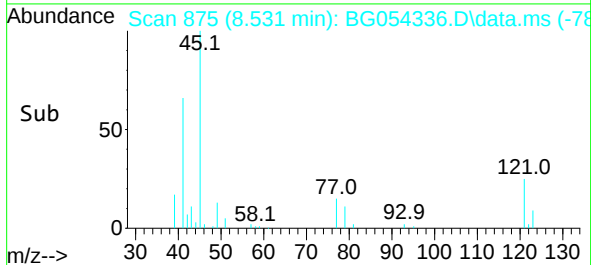
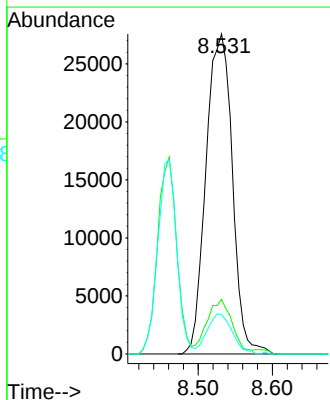
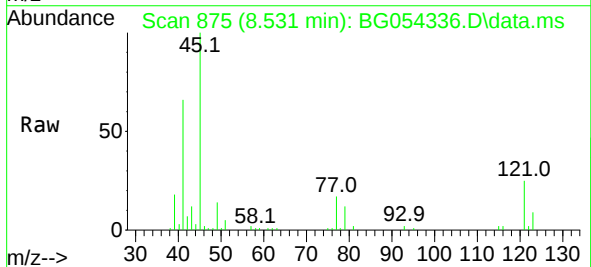
Manual Integrations
APPROVED

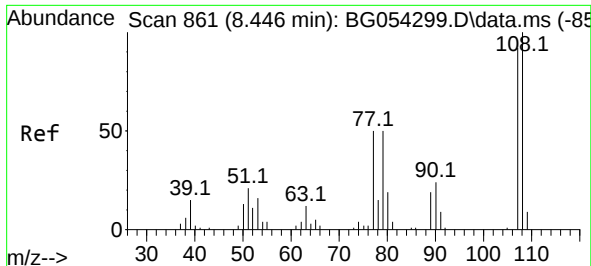
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.961 ng
RT: 8.531 min Scan# 875
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion: 45 Resp: 68110
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.7
79 12.3 0.0 29.7





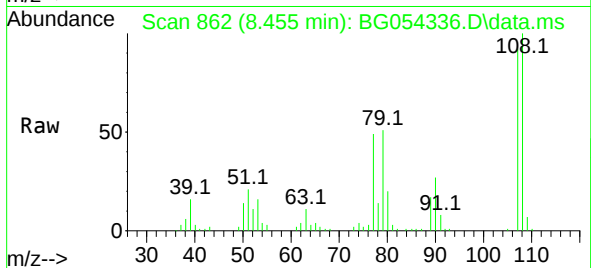
#17
2-Methylphenol
Concen: 51.884 ng
RT: 8.455 min Scan# 80
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

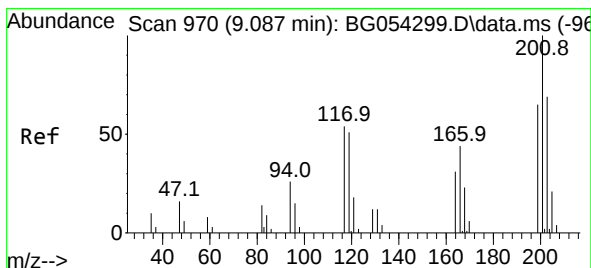
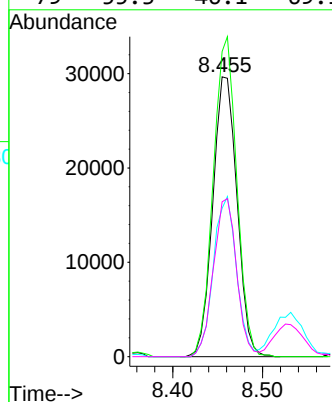


Tgt Ion:107 Resp: 55518
Ion Ratio Lower Upper
107 100
108 109.0 85.4 128.0
77 53.0 46.2 69.2
79 55.3 46.1 69.1

Manual Integrations

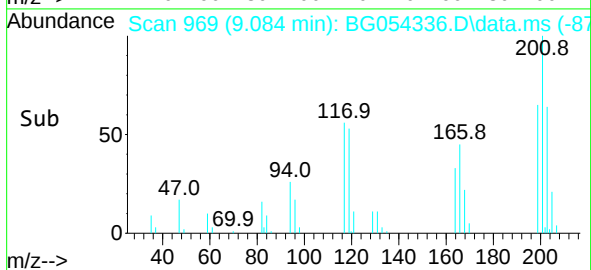
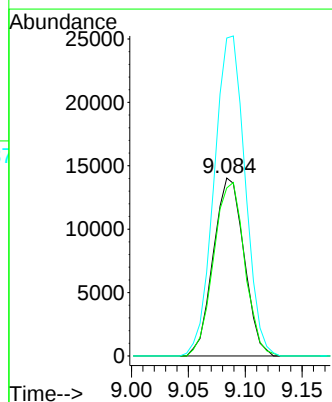
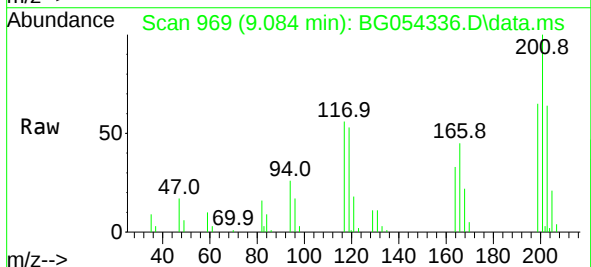
APPROVED

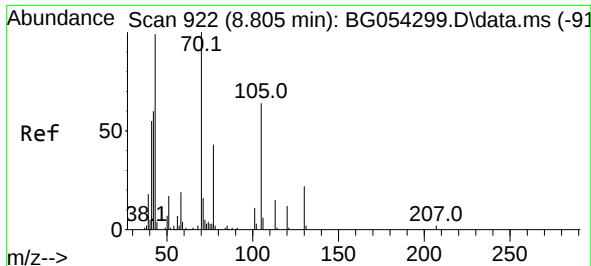
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#18
Hexachloroethane
Concen: 50.601 ng
RT: 9.084 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

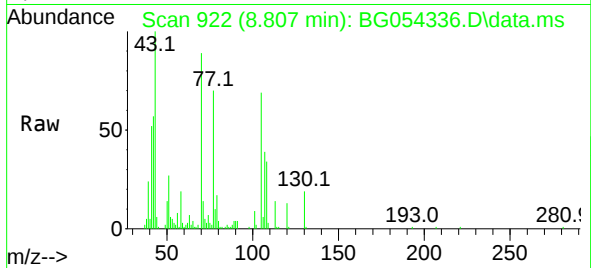
Tgt Ion:117 Resp: 26419
Ion Ratio Lower Upper
117 100
119 94.4 75.0 112.6
201 178.7 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 46.246 ng
RT: 8.807 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

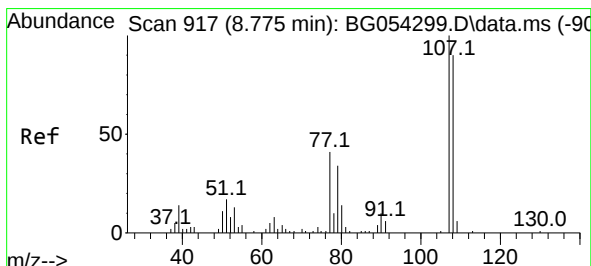
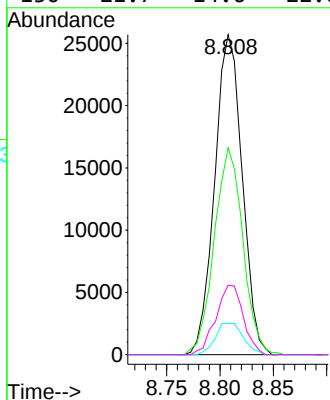
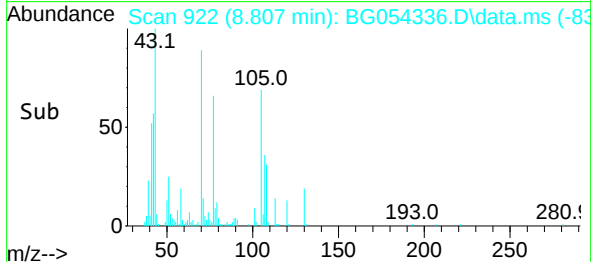
Instrument :
BNA_G
ClientSampleId :
72-11966MS



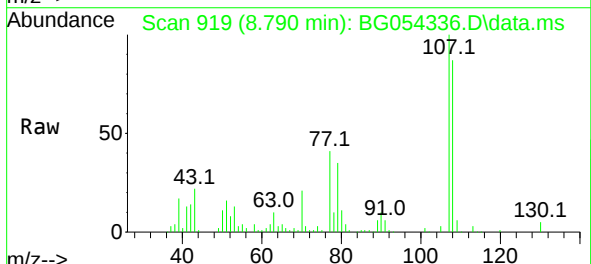
Tgt Ion: 70 Resp: 4614
Ion Ratio Lower Upper
70 100
42 64.7 47.3 70.9
101 9.8 7.0 10.4
130 21.7 14.6 22.0

Manual Integrations
APPROVED

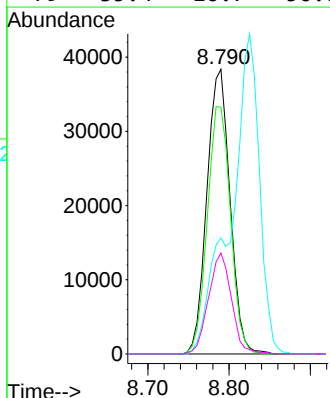
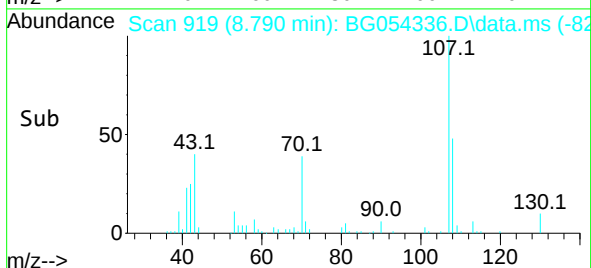
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

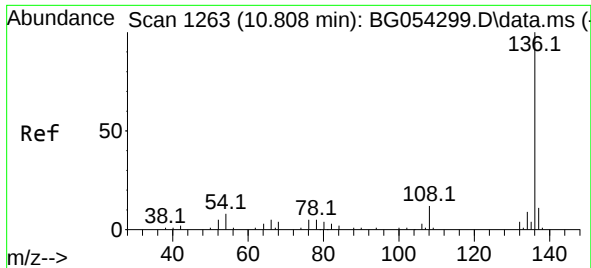


#20
3+4-Methylphenols
Concen: 50.249 ng
RT: 8.790 min Scan# 919
Delta R.T. 0.014 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



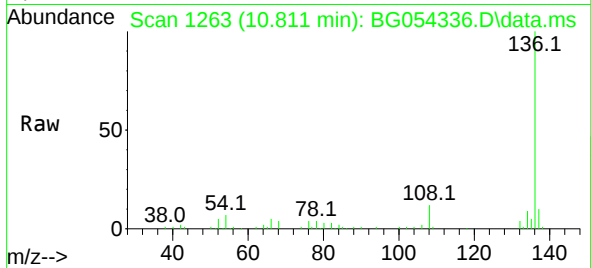
Tgt Ion:107 Resp: 75760
Ion Ratio Lower Upper
107 100
108 86.7 67.5 107.5
77 40.8 20.3 60.3
79 35.4 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.811 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

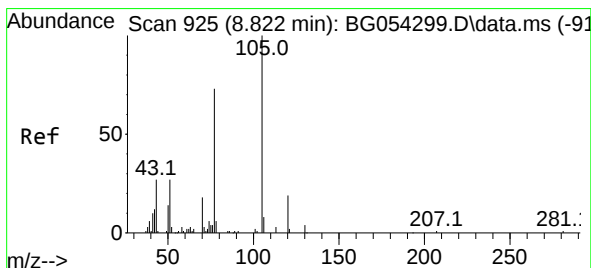
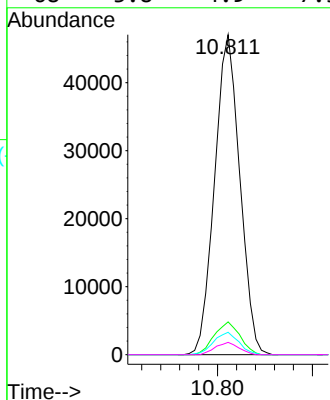
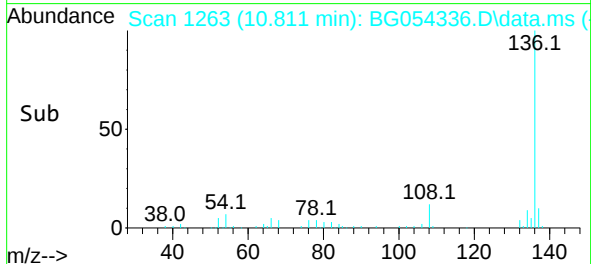
Instrument :
BNA_G
ClientSampleId :
72-11966MS



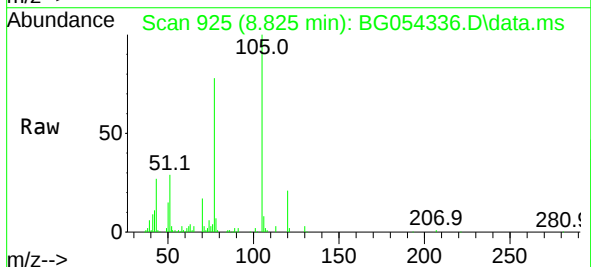
Tgt Ion:136 Resp: 86884
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.0 7.4 11.2
68 3.8 4.9 7.3#

Manual Integrations
APPROVED

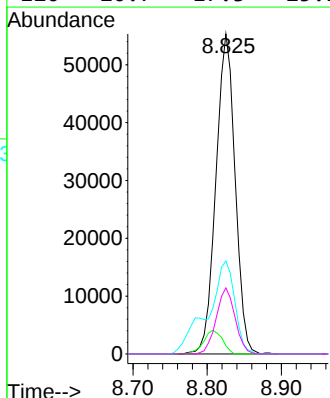
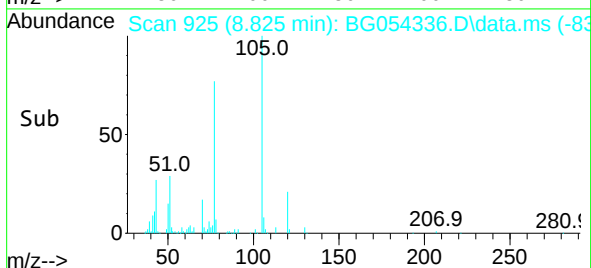
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

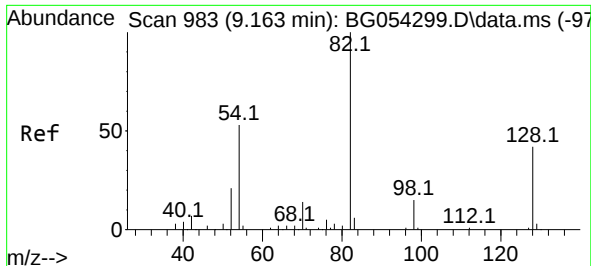


#22
Acetophenone
Concen: 47.590 ng
RT: 8.825 min Scan# 925
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:105 Resp: 99448
Ion Ratio Lower Upper
105 100
71 2.6 1.1 1.7#
51 29.1 25.4 38.0
120 20.7 17.3 25.9





#23
Nitrobenzene-d5
Concen: 68.734 ng
RT: 9.166 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

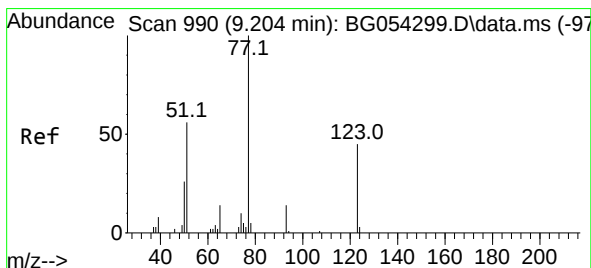
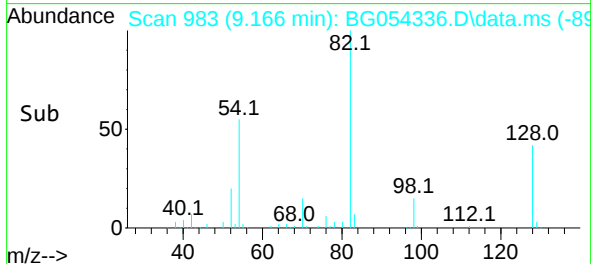
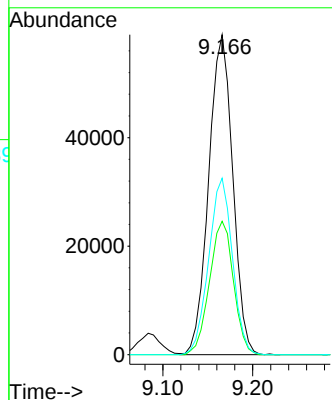
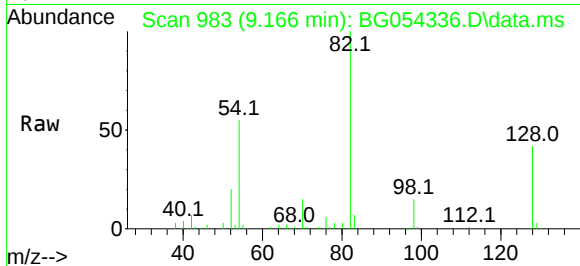
ClientSampleId :

72-11966MS

Tgt Ion: 82 Resp: 10966
Ion Ratio Lower Upper
82 100
128 41.7 27.9 41.9
54 55.1 41.2 61.8

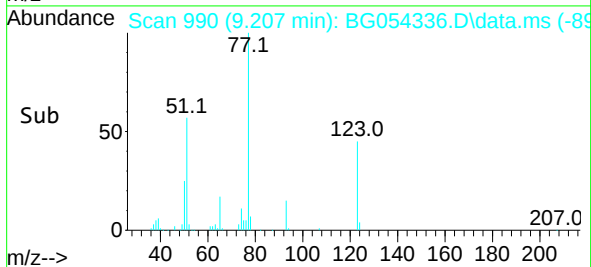
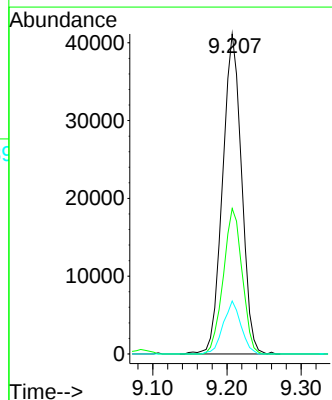
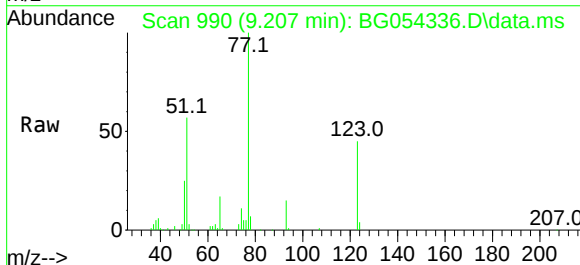
Manual Integrations
APPROVED

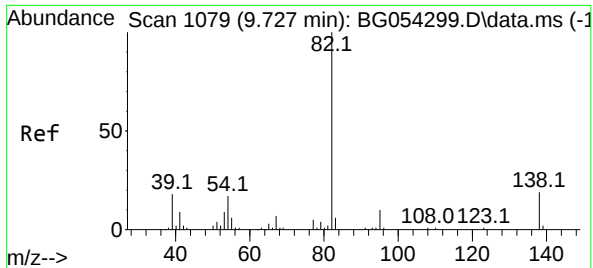
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#24
Nitrobenzene
Concen: 46.917 ng
RT: 9.207 min Scan# 990
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion: 77 Resp: 73154
Ion Ratio Lower Upper
77 100
123 45.4 27.4 41.0#
65 16.5 11.4 17.0





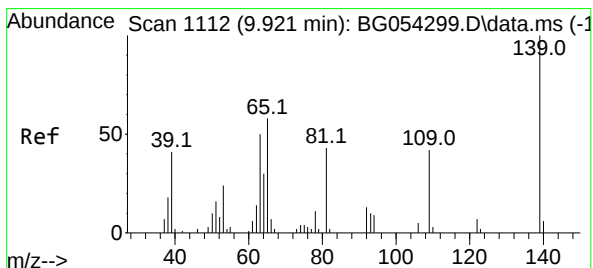
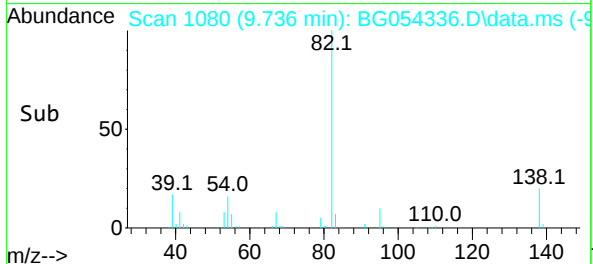
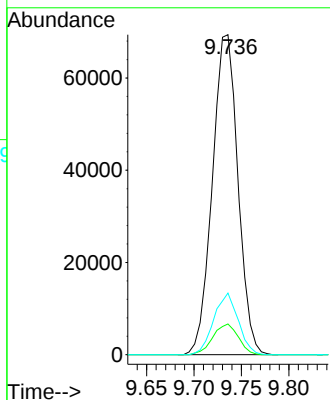
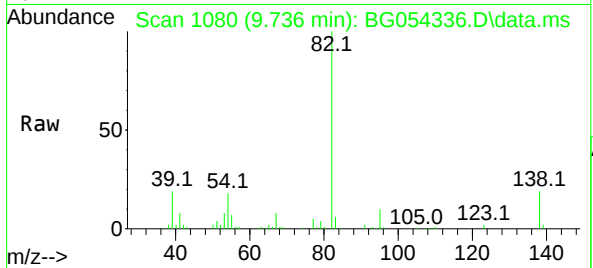
#25
Isophorone
Concen: 46.995 ng
RT: 9.736 min Scan# 1079
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion: 82 Resp: 130399
Ion Ratio Lower Upper
82 100
95 9.6 6.2 9.4
138 19.2 11.6 17.4

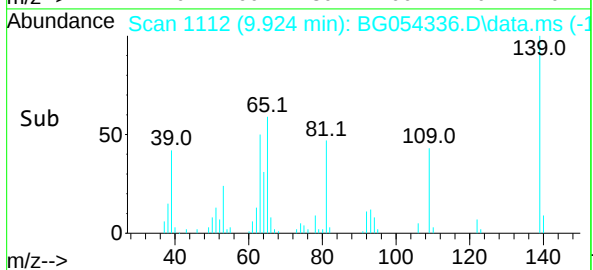
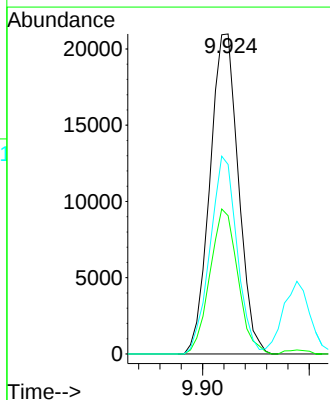
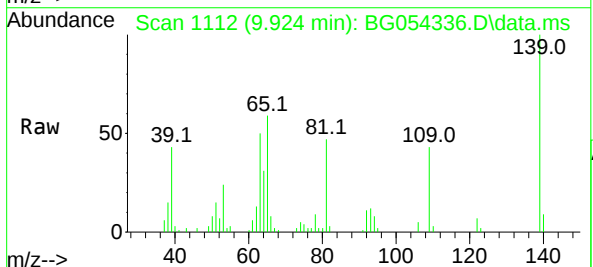
Manual Integrations
APPROVED

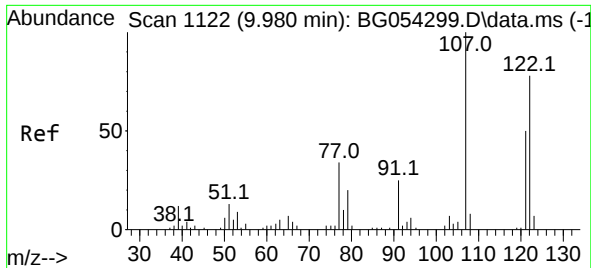
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#26
2-Nitrophenol
Concen: 49.442 ng
RT: 9.924 min Scan# 1112
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:139 Resp: 38859
Ion Ratio Lower Upper
139 100
109 43.2 36.1 54.1
65 59.2 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 57.593 ng

RT: 9.988 min Scan# 1122

Delta R.T. 0.009 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

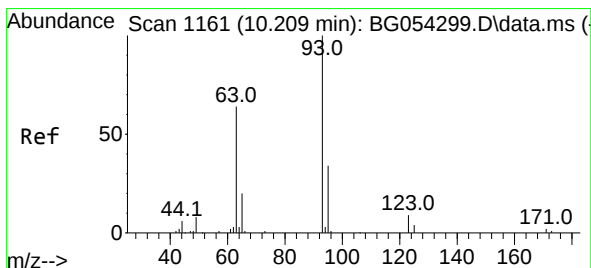
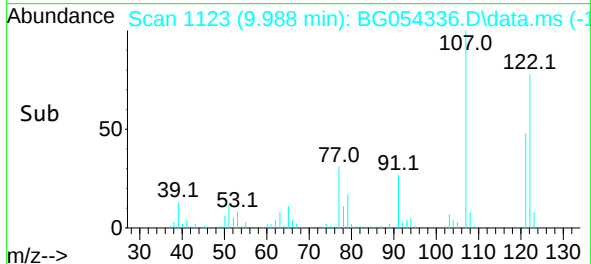
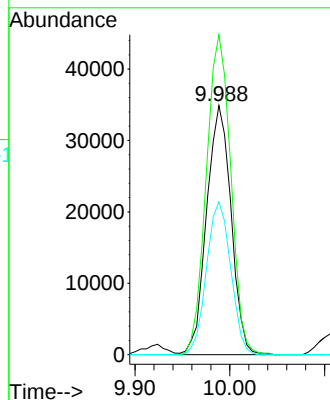
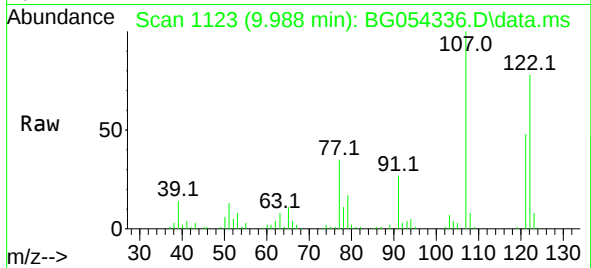
Tgt Ion:122 Resp: 62530
 Ion Ratio Lower Upper
 122 100
 107 128.4 109.4 164.0
 121 61.4 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.453 ng

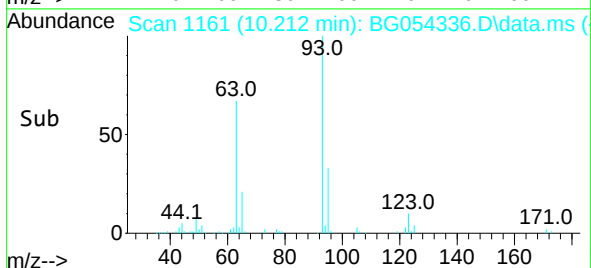
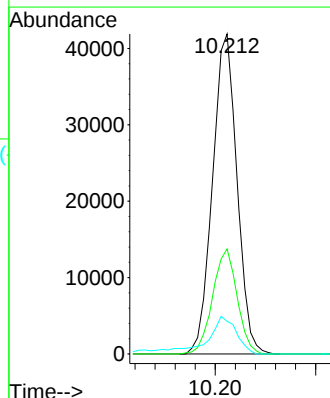
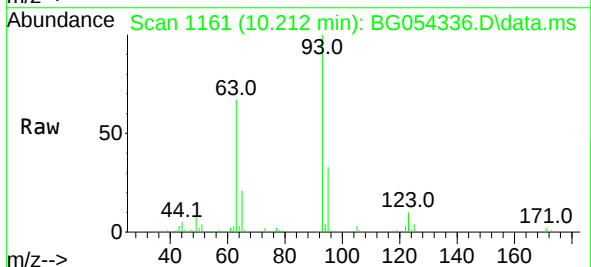
RT: 10.212 min Scan# 1161

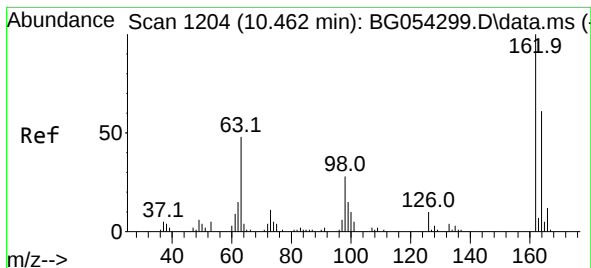
Delta R.T. 0.003 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

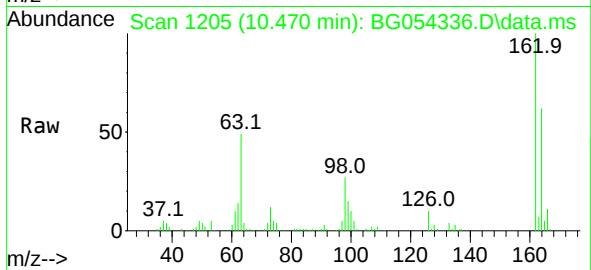
Tgt Ion: 93 Resp: 70607
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.9 40.3
 123 10.2 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 50.944 ng
RT: 10.470 min Scan# 1205
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

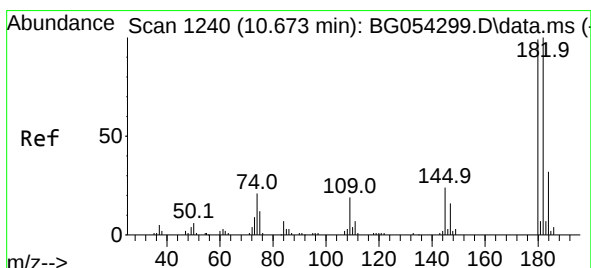
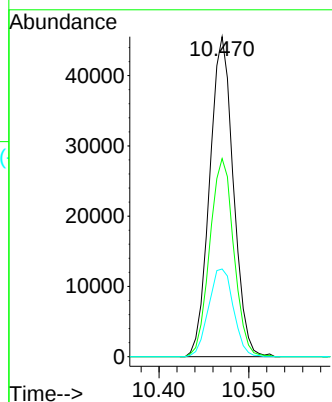
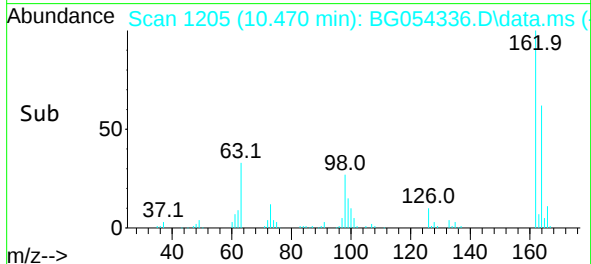
Instrument :
BNA_G
ClientSampleId :
72-11966MS



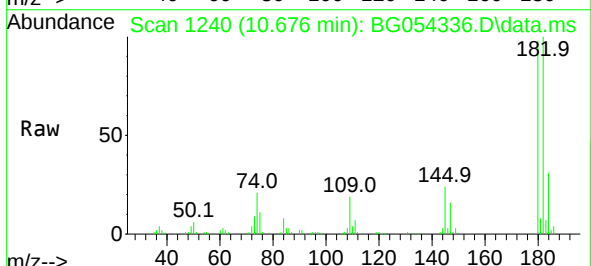
Tgt Ion:162 Resp: 8348
Ion Ratio Lower Upper
162 100
164 61.9 46.6 86.6
98 27.4 22.8 62.8

Manual Integrations
APPROVED

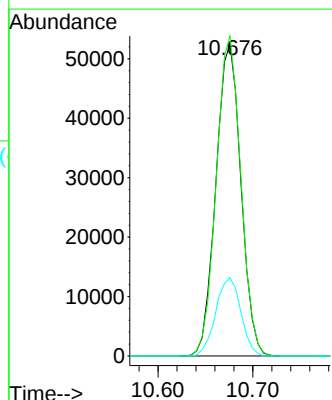
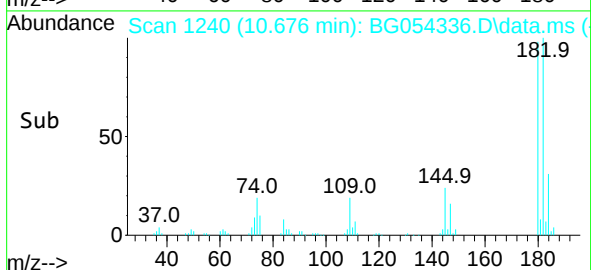
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

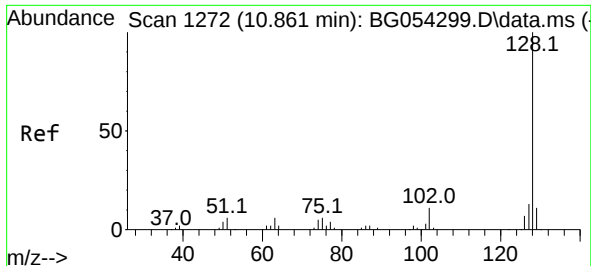


#30
1,2,4-Trichlorobenzene
Concen: 47.328 ng
RT: 10.676 min Scan# 1240
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



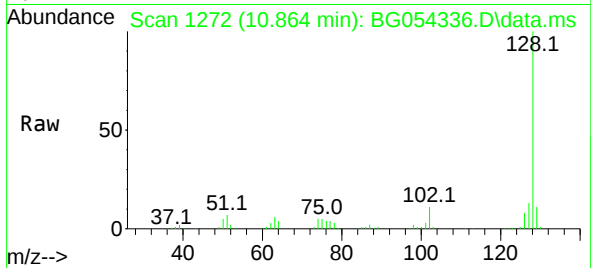
Tgt Ion:180 Resp: 96058
Ion Ratio Lower Upper
180 100
182 102.6 76.6 115.0
145 25.1 25.0 37.4





#31
Naphthalene
Concen: 49.024 ng
RT: 10.864 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

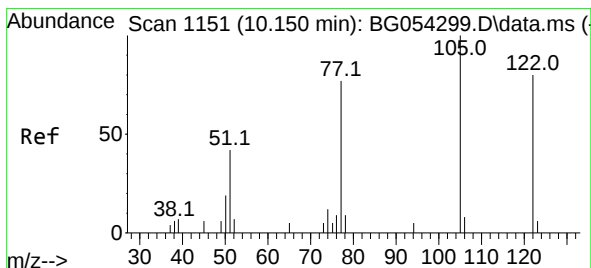
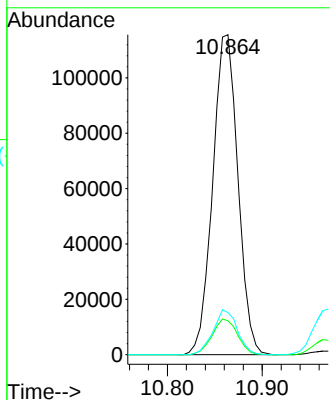
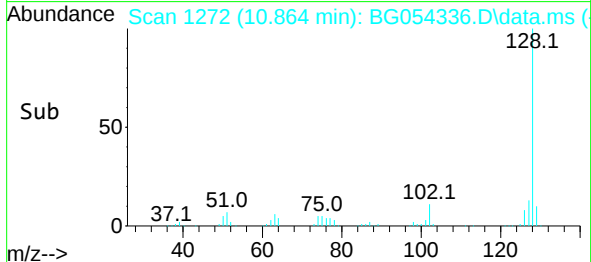
Instrument :
BNA_G
ClientSampleId :
72-11966MS



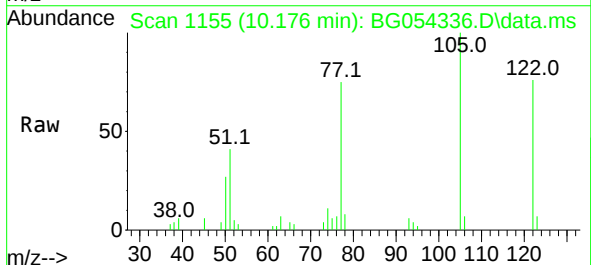
Tgt Ion:128 Resp: 21381
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.2 11.1 16.7

Manual Integrations
APPROVED

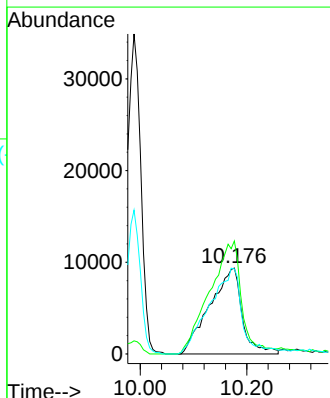
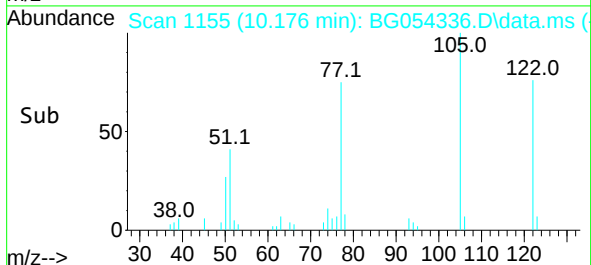
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

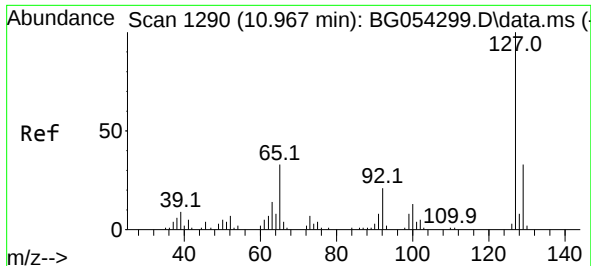


#32
Benzoic acid
Concen: 84.799 ng
RT: 10.176 min Scan# 1155
Delta R.T. 0.026 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:122 Resp: 39559
Ion Ratio Lower Upper
122 100
105 131.5 111.8 151.8
77 99.1 109.4 149.4#





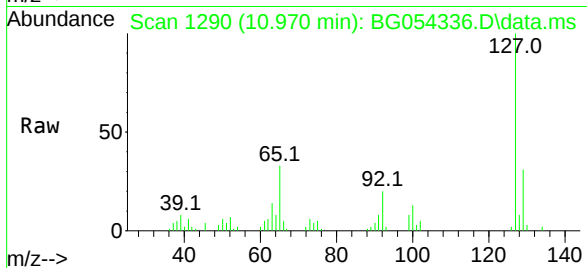
#33
4-Chloroaniline
Concen: 21.140 ng
RT: 10.970 min Scan# 1290
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

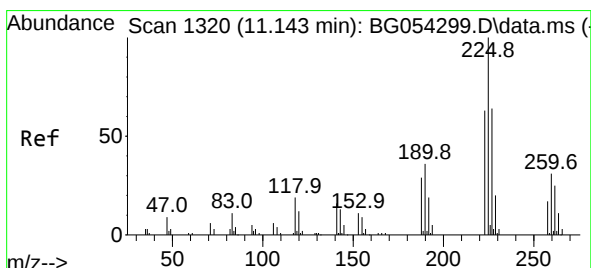
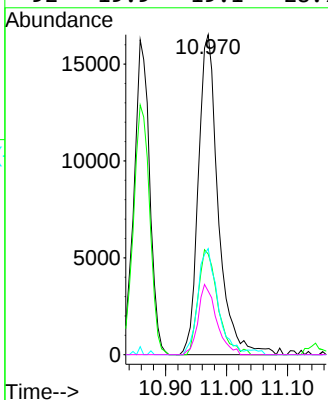
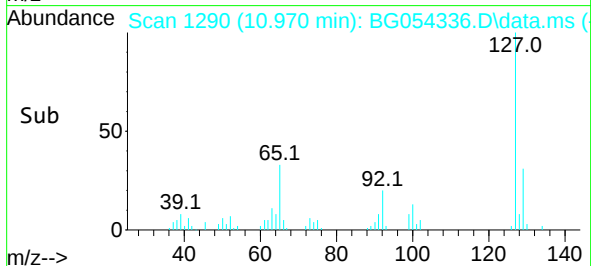


Tgt Ion:127 Resp: 3749
Ion Ratio Lower Upper
127 100
129 31.4 26.3 39.5
65 33.1 31.1 46.7
92 19.9 19.1 28.7

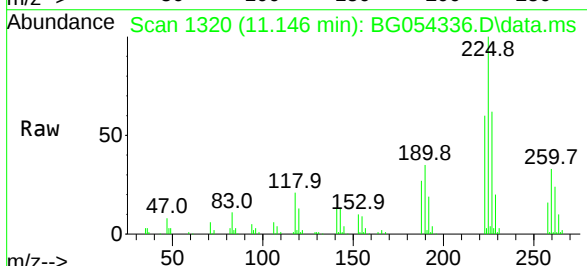
Manual Integrations

APPROVED

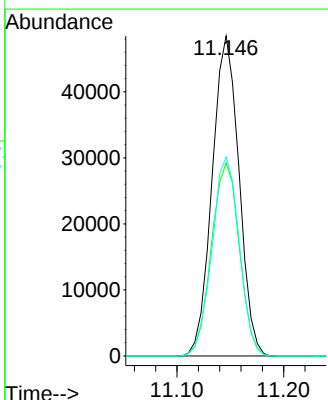
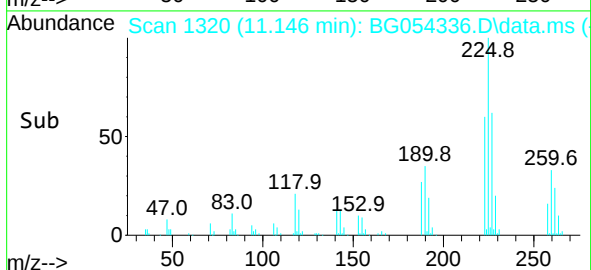
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

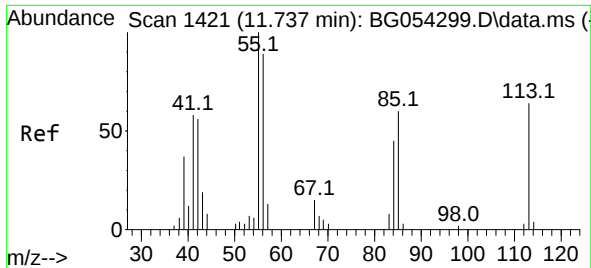


#34
Hexachlorobutadiene
Concen: 47.166 ng
RT: 11.146 min Scan# 1320
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



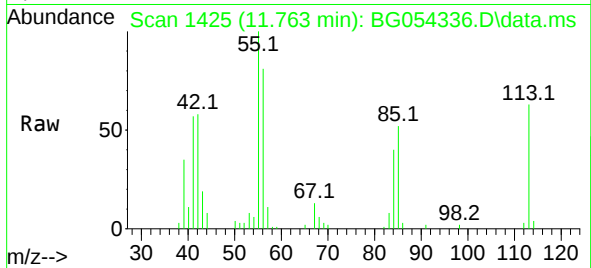
Tgt Ion:225 Resp: 84602
Ion Ratio Lower Upper
225 100
223 60.3 48.9 73.3
227 62.2 52.8 79.2





#35
Caprolactam
Concen: 51.655 ng m
RT: 11.763 min Scan# 1421
Delta R.T. 0.026 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

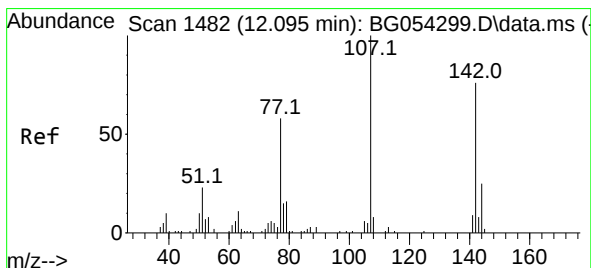
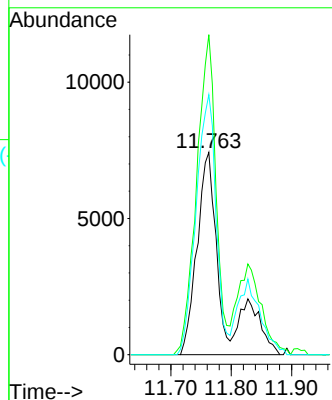
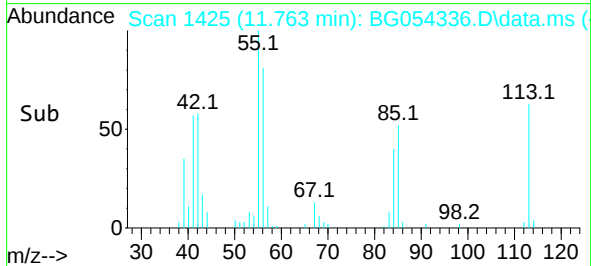
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion:113 Resp: 21315
Ion Ratio Lower Upper
113 100
55 158.3 169.8 209.8#
56 128.6 141.2 181.2#

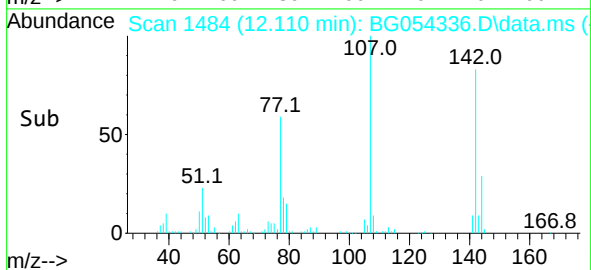
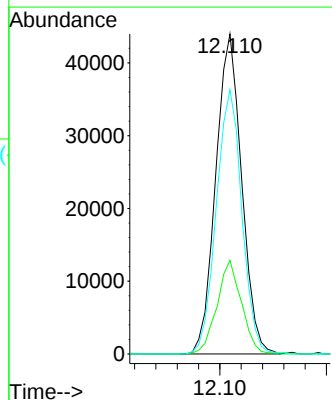
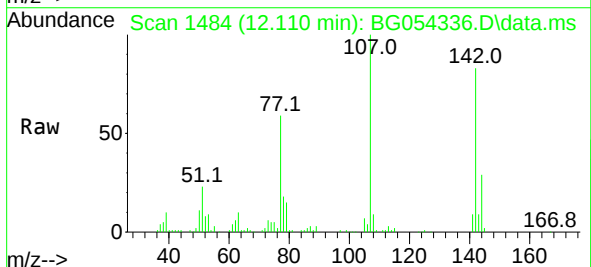
Manual Integrations
APPROVED

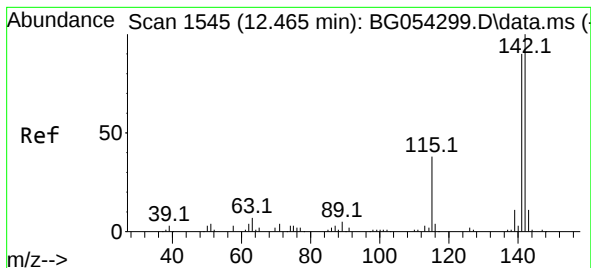
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#36
4-Chloro-3-methylphenol
Concen: 49.712 ng
RT: 12.110 min Scan# 1484
Delta R.T. 0.014 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:107 Resp: 74115
Ion Ratio Lower Upper
107 100
144 29.2 18.5 27.7#
142 82.6 55.0 82.4#





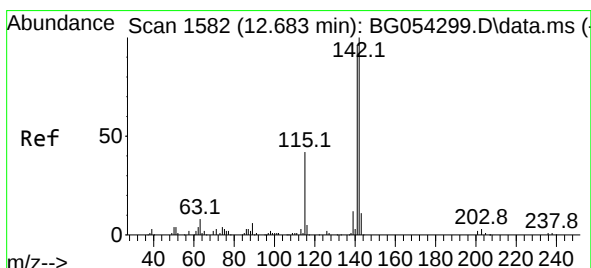
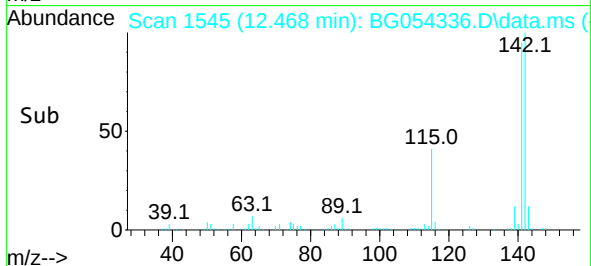
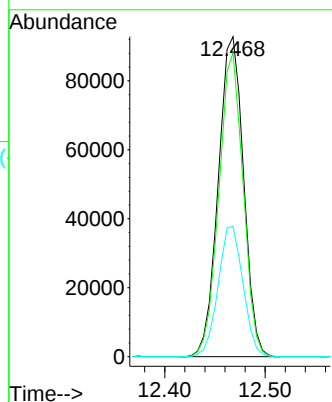
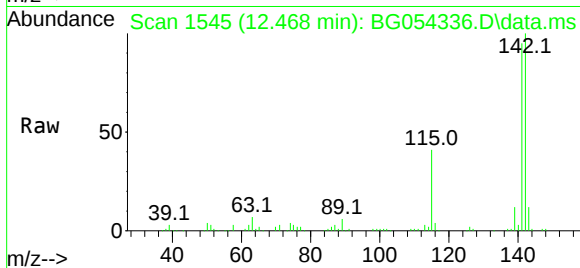
#37
2-Methylnaphthalene
Concen: 48.422 ng
RT: 12.468 min Scan# 1545
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion:142 Resp: 162179
Ion Ratio Lower Upper
142 100
141 95.0 72.3 108.5
115 40.7 33.7 50.5

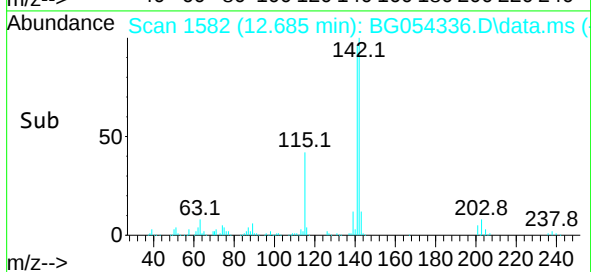
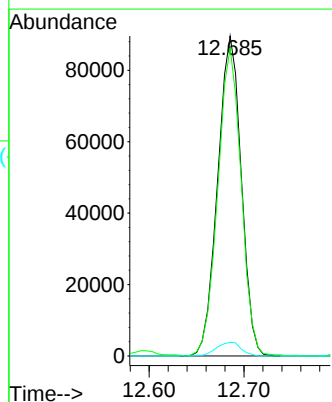
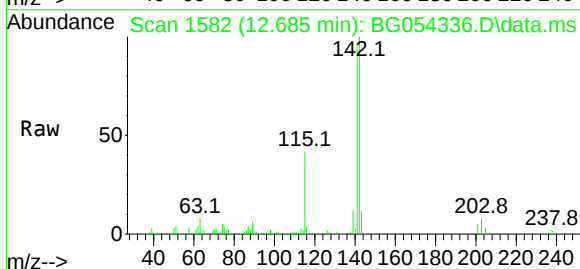
Manual Integrations
APPROVED

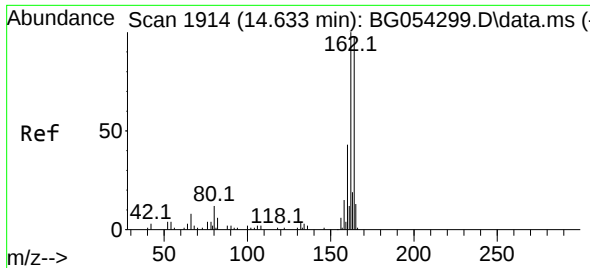
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#38
1-Methylnaphthalene
Concen: 47.438 ng
RT: 12.685 min Scan# 1582
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:142 Resp: 154817
Ion Ratio Lower Upper
142 100
141 96.2 76.4 114.6
116 4.2 3.3 4.9





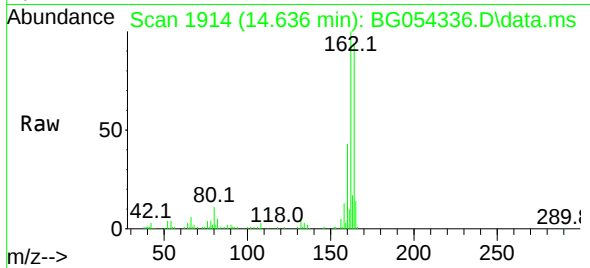
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

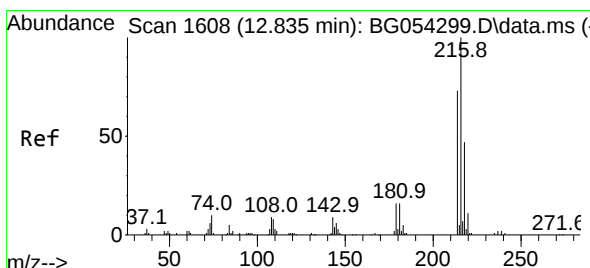
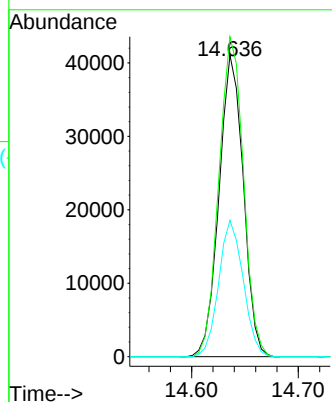
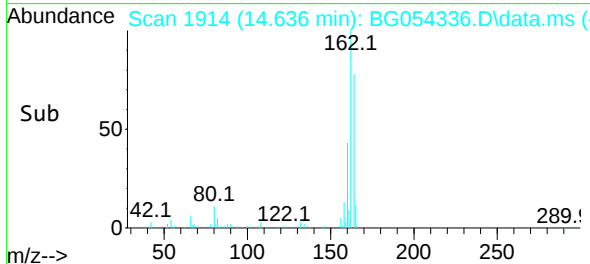


Tgt Ion:164 Resp: 64890
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 45.2 34.2 51.2

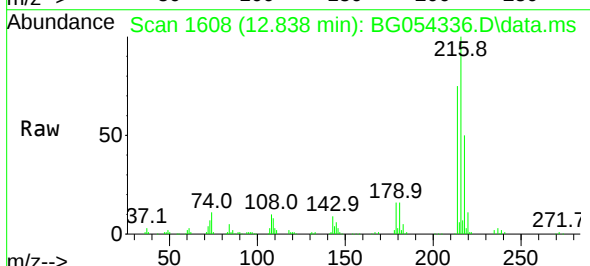
Manual Integrations

APPROVED

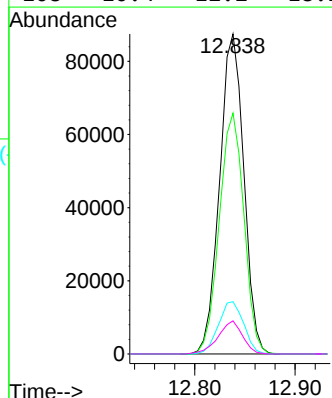
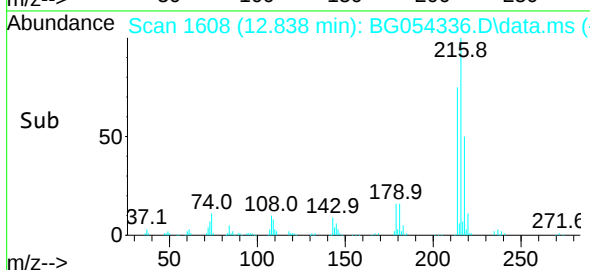
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

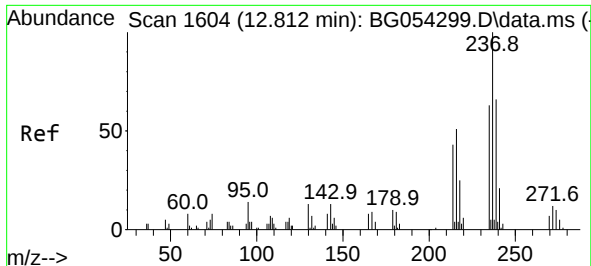


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.487 ng
RT: 12.838 min Scan# 1608
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



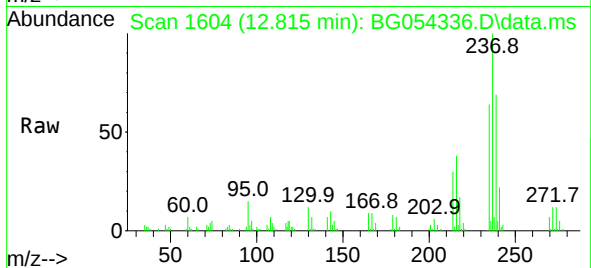
Tgt Ion:216 Resp: 146373
Ion Ratio Lower Upper
216 100
214 76.5 62.9 94.3
179 17.0 16.1 24.1
108 10.4 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 56.441 ng
RT: 12.815 min Scan# 1604
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

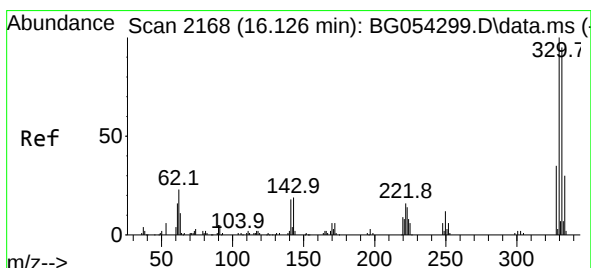
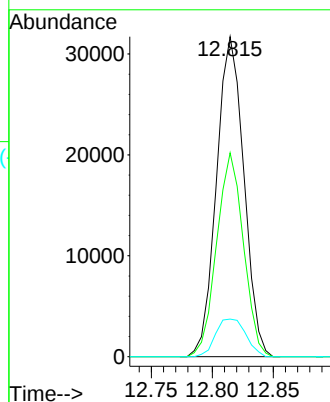
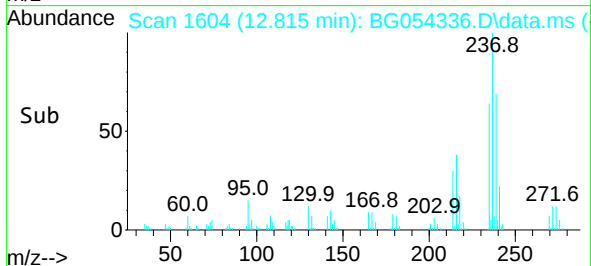
Instrument :
BNA_G
ClientSampleId :
72-11966MS



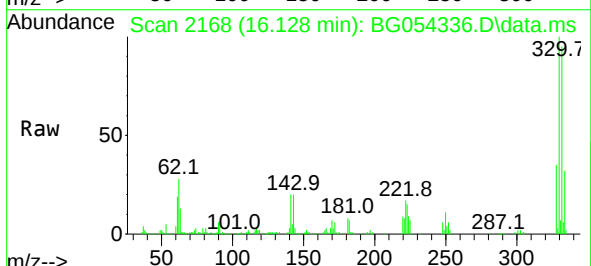
Tgt Ion:237 Resp: 49520
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 11.8 0.0 30.1

Manual Integrations
APPROVED

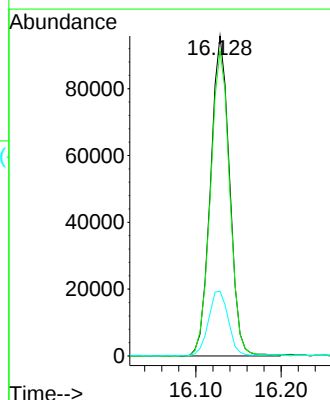
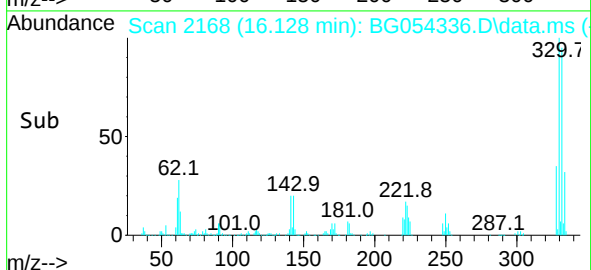
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

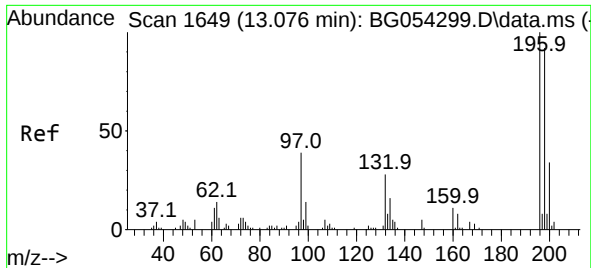


#42
2,4,6-Tribromophenol
Concen: 108.915 ng
RT: 16.128 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



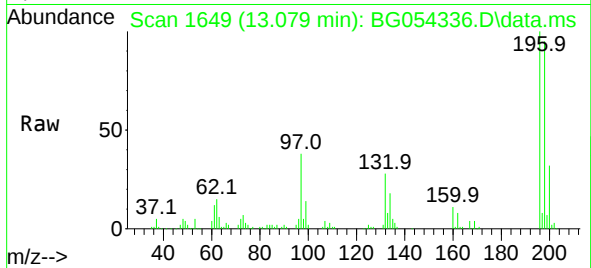
Tgt Ion:330 Resp: 148391
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 21.3 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 55.513 ng
RT: 13.079 min Scan# 1649
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

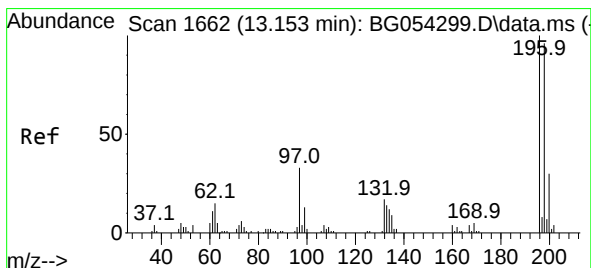
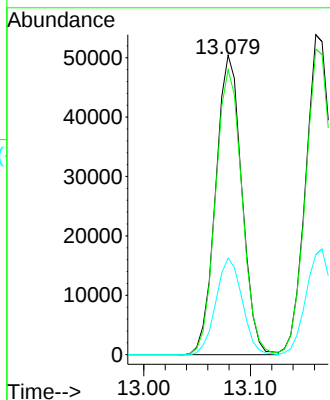
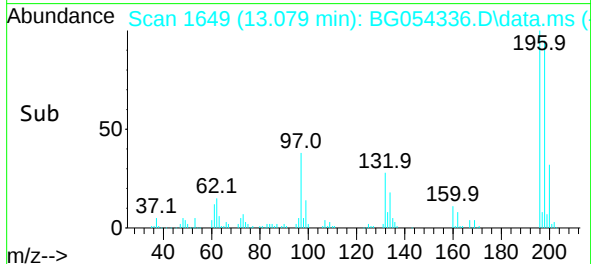
Instrument :
BNA_G
ClientSampleId :
72-11966MS



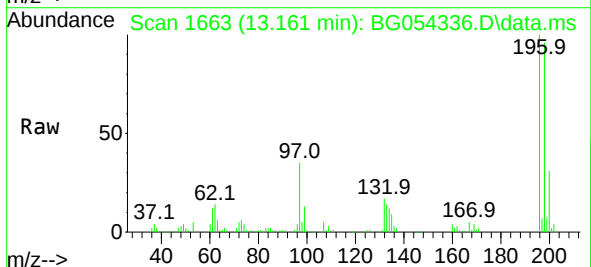
Tgt Ion:196 Resp: 8593
Ion Ratio Lower Upper
196 100
198 95.1 74.1 111.1
200 32.3 24.7 37.1

Manual Integrations
APPROVED

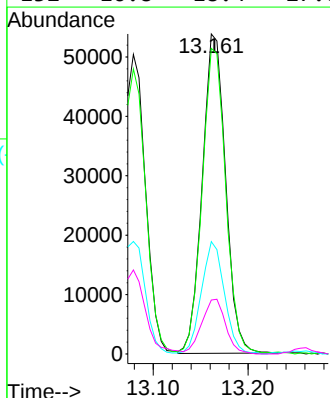
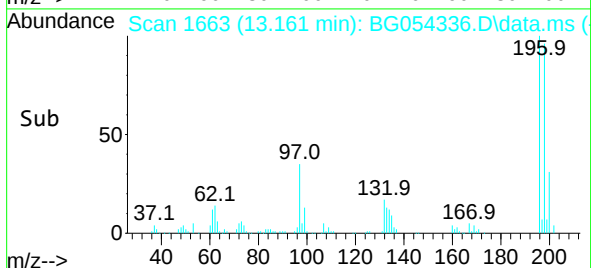
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

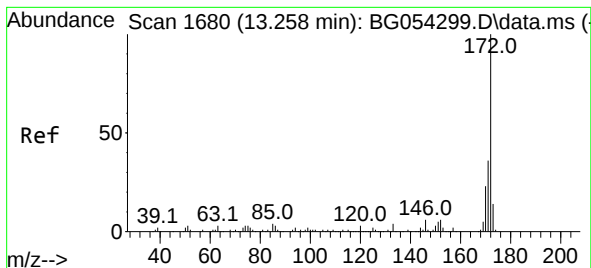


#44
2,4,5-Trichlorophenol
Concen: 52.454 ng
RT: 13.161 min Scan# 1663
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



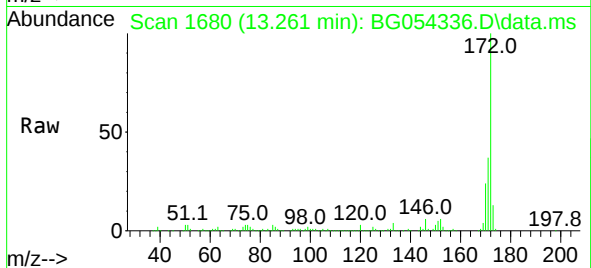
Tgt Ion:196 Resp: 91744
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
97 35.1 39.8 59.6#
132 16.8 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 71.955 ng
RT: 13.261 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

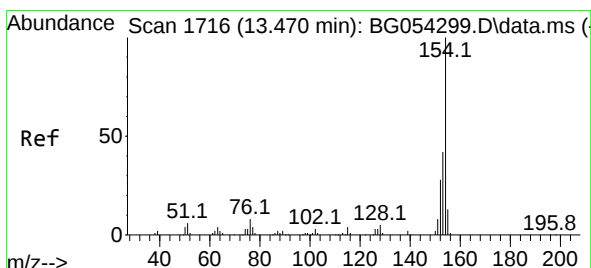
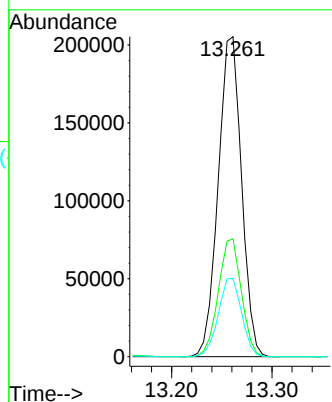
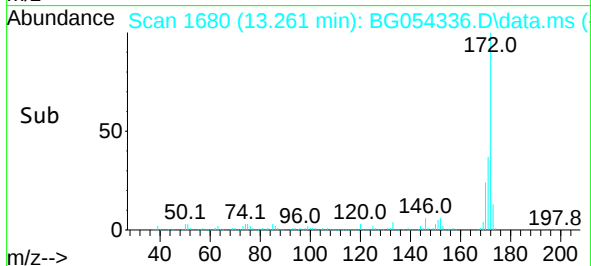
Instrument :
BNA_G
ClientSampleId :
72-11966MS



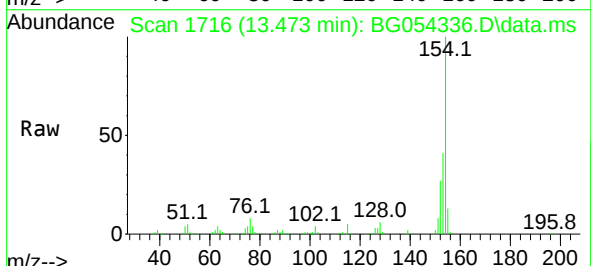
Tgt Ion:172 Resp: 33098
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.4 18.9 28.3

Manual Integrations
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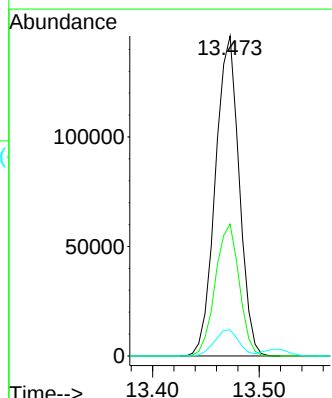
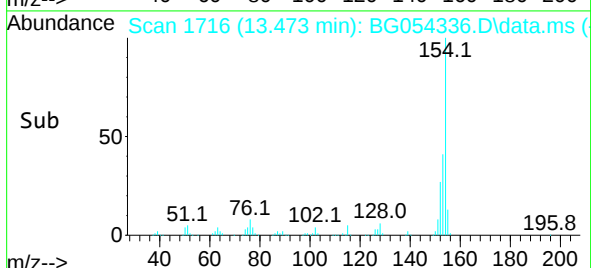
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

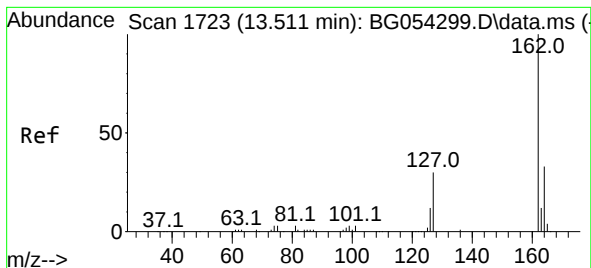


#46
1,1'-Biphenyl
Concen: 50.875 ng
RT: 13.473 min Scan# 1716
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



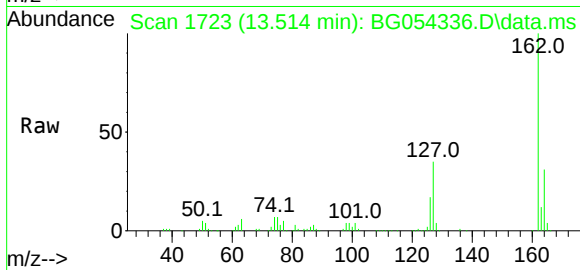
Tgt Ion:154 Resp: 225851
Ion Ratio Lower Upper
154 100
153 41.2 21.6 61.6
76 8.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 50.000 ng
RT: 13.514 min Scan# 1723
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

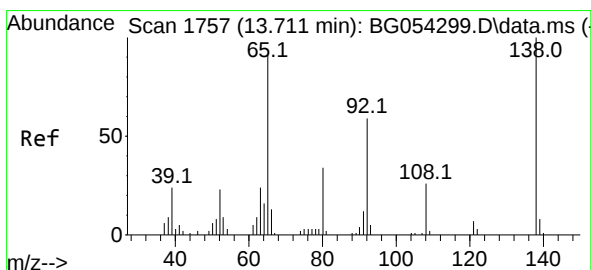
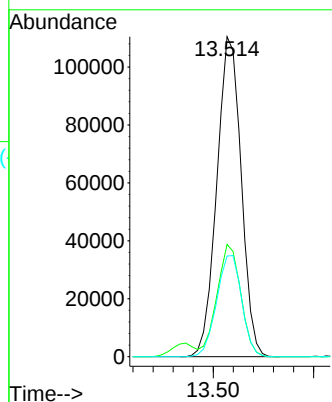
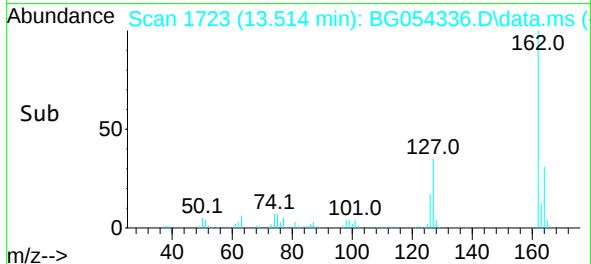
Instrument :
BNA_G
ClientSampleId :
72-11966MS



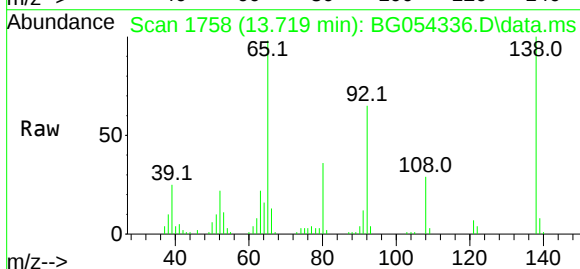
Tgt Ion:162 Resp: 185760
Ion Ratio Lower Upper
162 100
127 35.1 30.6 45.8
164 31.4 26.5 39.7

Manual Integrations
APPROVED

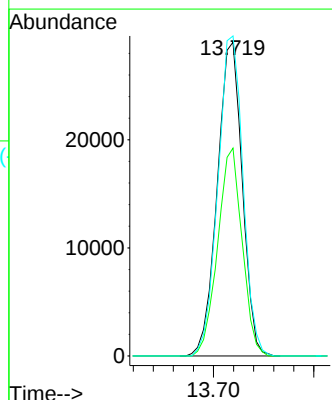
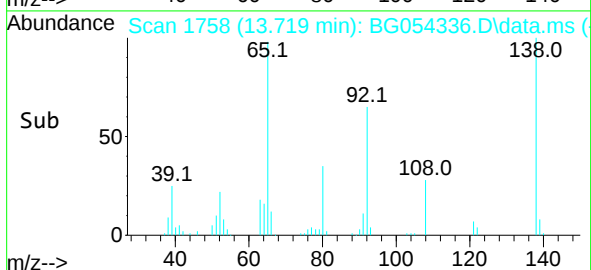
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

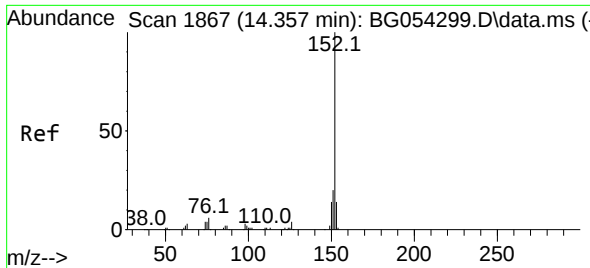


#48
2-Nitroaniline
Concen: 51.670 ng
RT: 13.719 min Scan# 1758
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



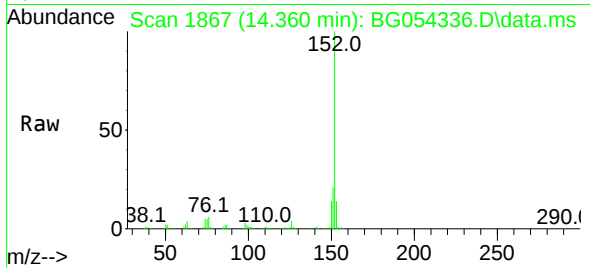
Tgt Ion: 65 Resp: 50098
Ion Ratio Lower Upper
65 100
92 66.3 51.5 77.3
138 102.0 71.3 106.9





#49
Acenaphthylene
Concen: 54.852 ng
RT: 14.360 min Scan# 1867
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

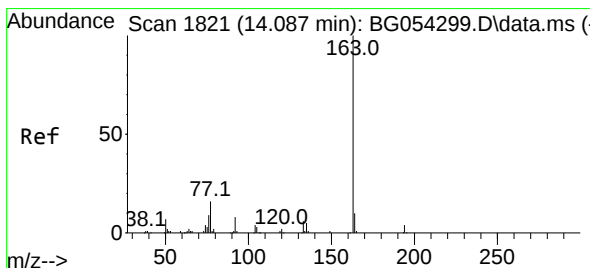
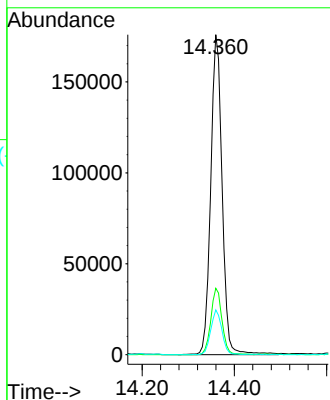
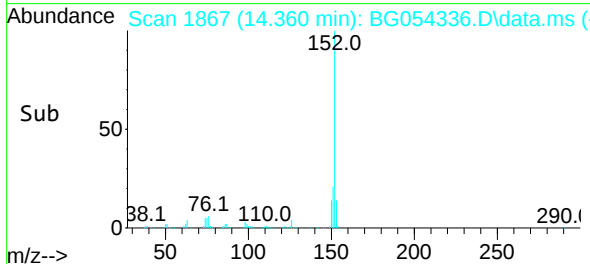
Instrument :
BNA_G
ClientSampleId :
72-11966MS



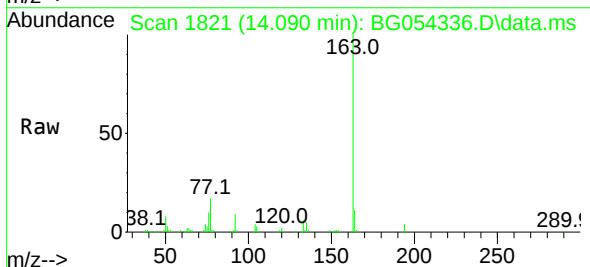
Tgt Ion:152 Resp: 302804
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 10.8 16.2

Manual Integrations
APPROVED

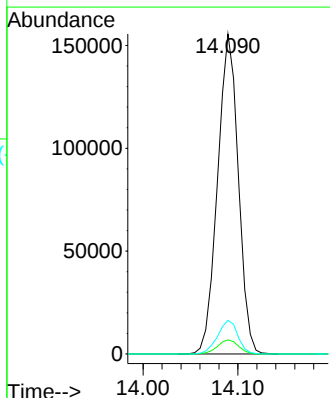
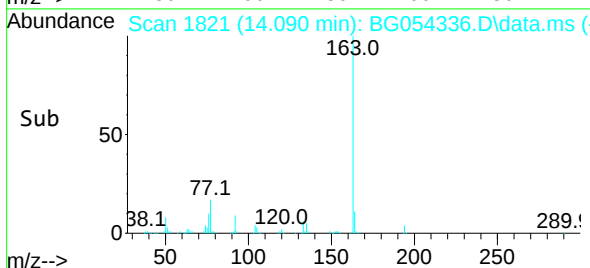
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

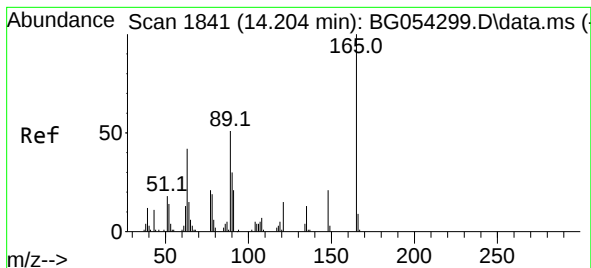


#50
Dimethylphthalate
Concen: 46.669 ng
RT: 14.090 min Scan# 1821
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:163 Resp: 236543
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.5 8.0 12.0





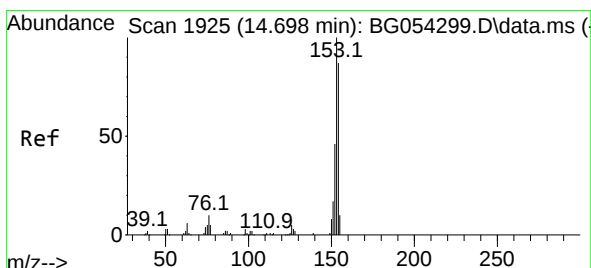
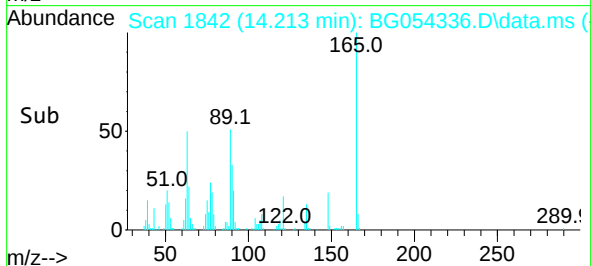
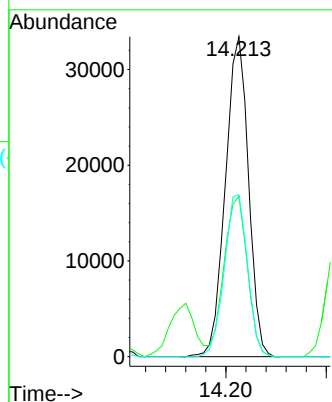
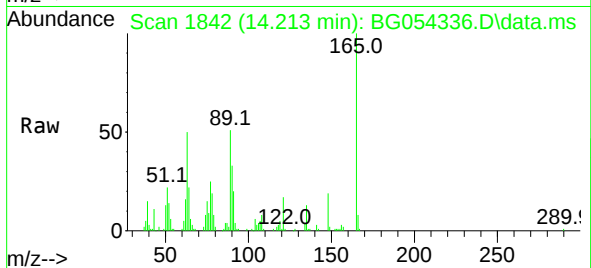
#51
2,6-Dinitrotoluene
Concen: 47.929 ng
RT: 14.213 min Scan# 1841
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion:165 Resp: 53284
Ion Ratio Lower Upper
165 100
63 50.1 54.1 81.1
89 50.6 54.8 82.2

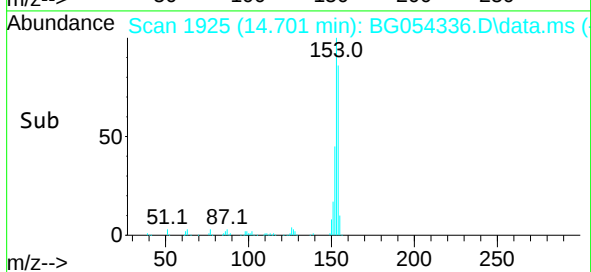
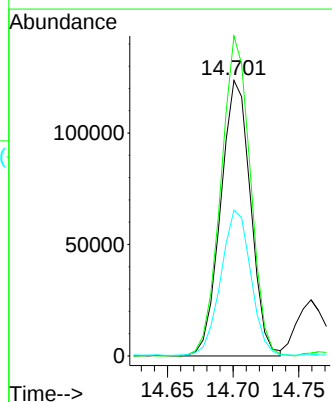
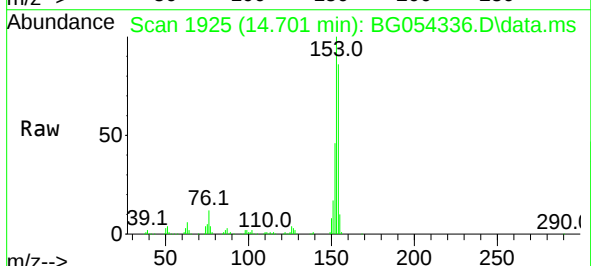
Manual Integrations
APPROVED

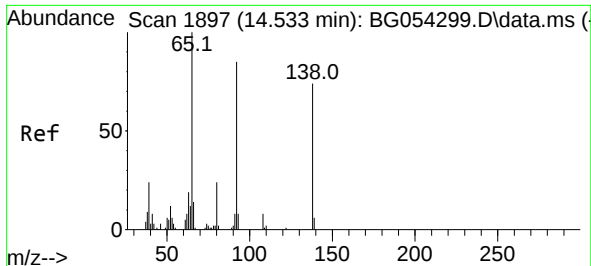
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#52
Acenaphthene
Concen: 58.534 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:154 Resp: 195669
Ion Ratio Lower Upper
154 100
153 116.1 92.7 139.1
152 52.9 42.6 64.0





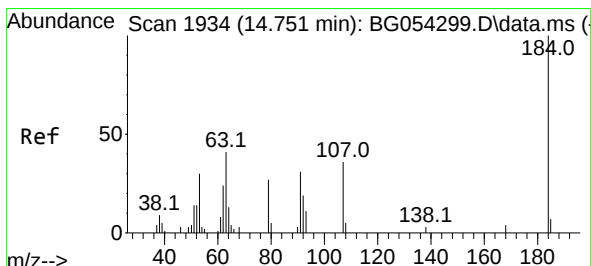
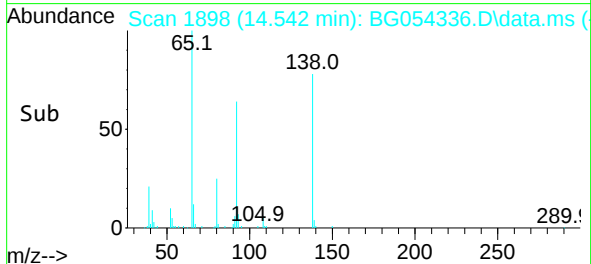
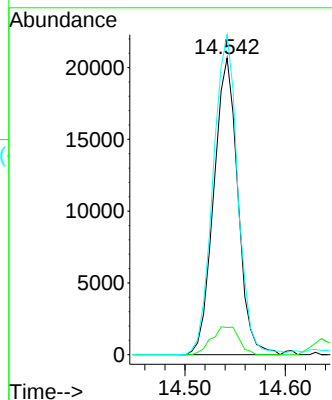
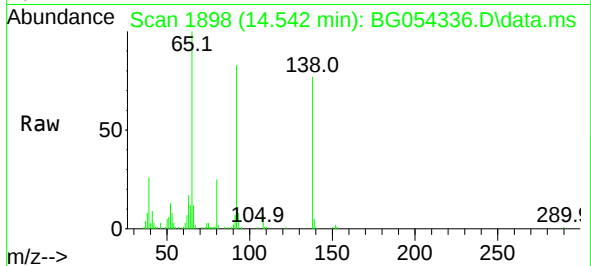
#53
3-Nitroaniline
Concen: 37.009 ng
RT: 14.542 min Scan# 1898
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion:138 Resp: 3441
Ion Ratio Lower Upper
138 100
108 9.1 9.2 13.8
92 107.9 101.9 152.9

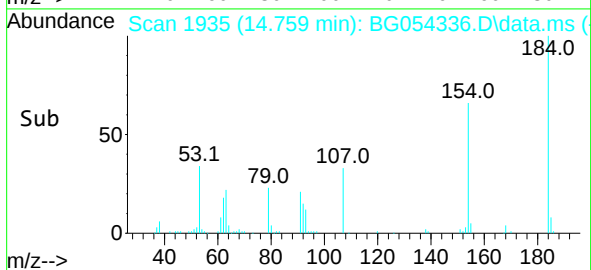
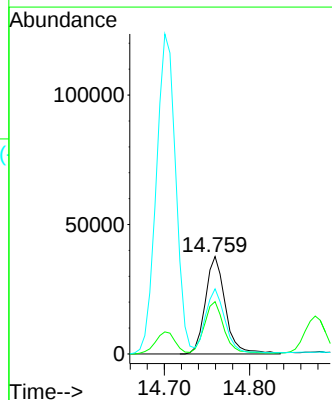
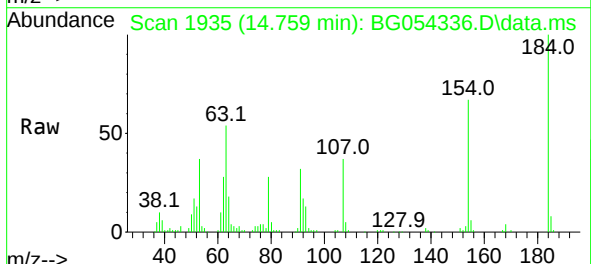
Manual Integrations
APPROVED

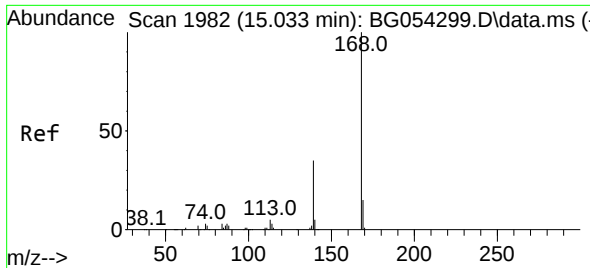
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#54
2,4-Dinitrophenol
Concen: 94.089 ng
RT: 14.759 min Scan# 1935
Delta R.T. 0.008 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

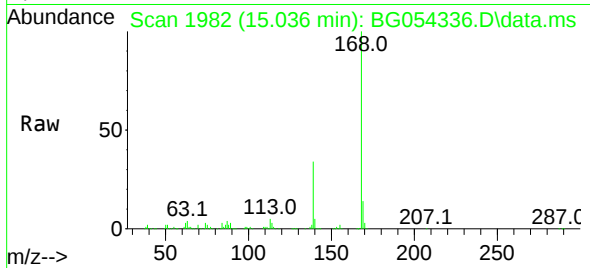
Tgt Ion:184 Resp: 61531
Ion Ratio Lower Upper
184 100
63 53.7 61.1 91.7#
154 66.9 60.6 91.0





#55
Dibenzenofuran
Concen: 50.934 ng
RT: 15.036 min Scan# 1982
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

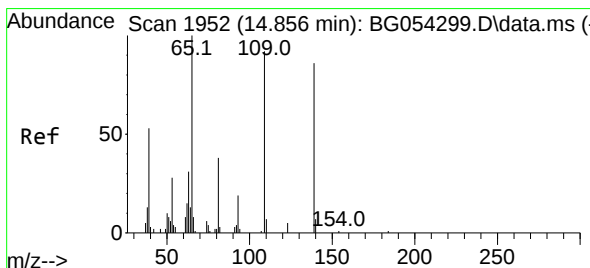
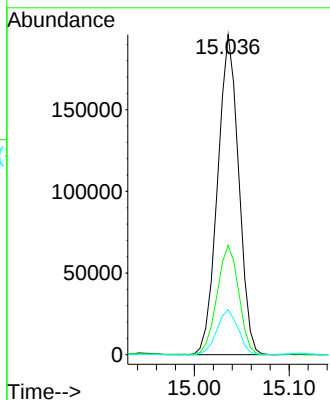
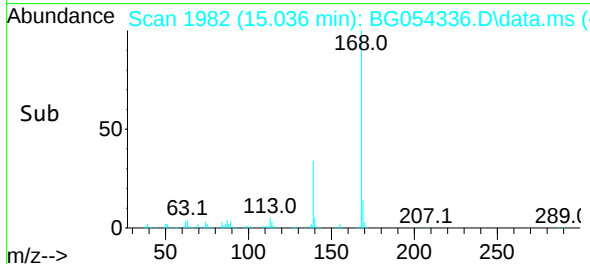
Instrument :
BNA_G
ClientSampleId :
72-11966MS



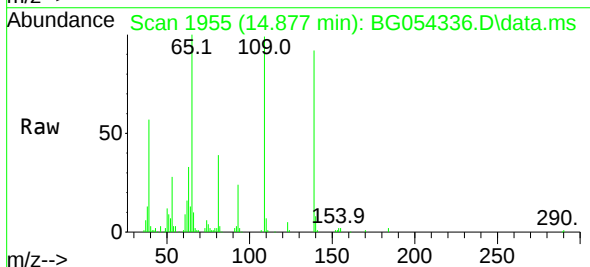
Tgt Ion:168 Resp: 302952
Ion Ratio Lower Upper
168 100
139 34.2 30.5 45.7
169 14.0 10.3 15.5

Manual Integrations
APPROVED

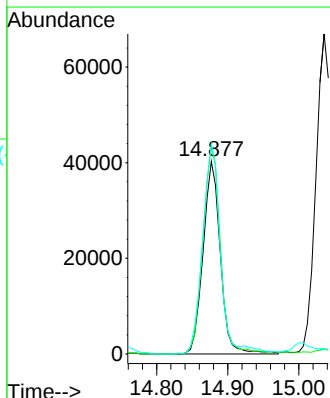
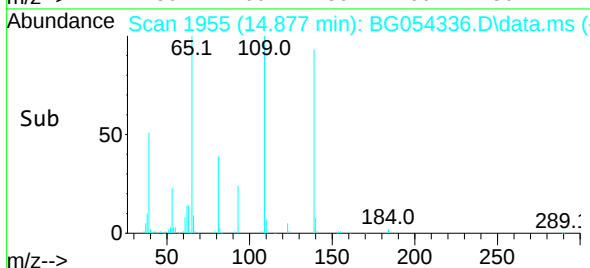
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

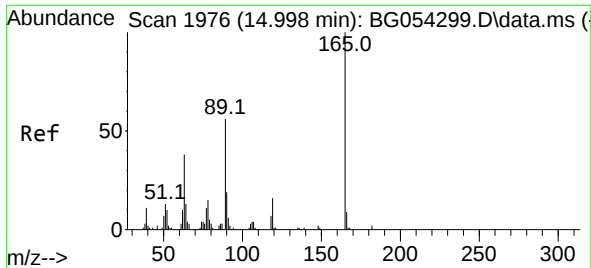


#56
4-Nitrophenol
Concen: 109.921 ng
RT: 14.877 min Scan# 1955
Delta R.T. 0.021 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



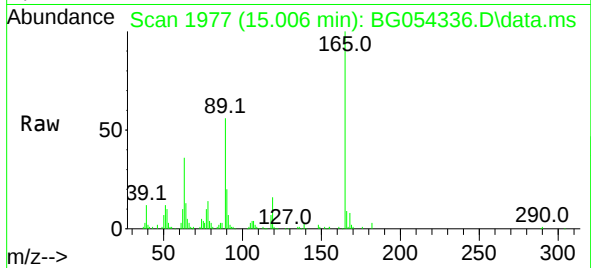
Tgt Ion:139 Resp: 68187
Ion Ratio Lower Upper
139 100
109 108.1 88.5 128.5
65 109.1 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 48.905 ng
RT: 15.006 min Scan# 1976
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

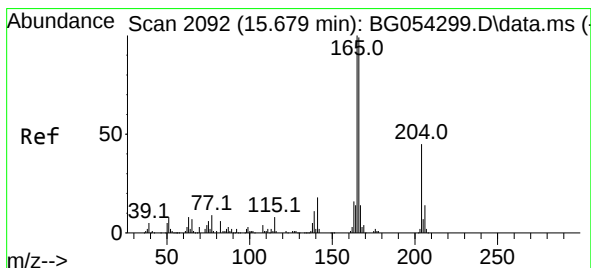
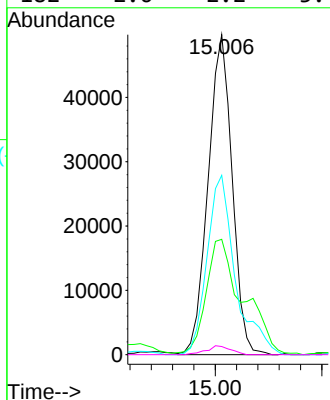
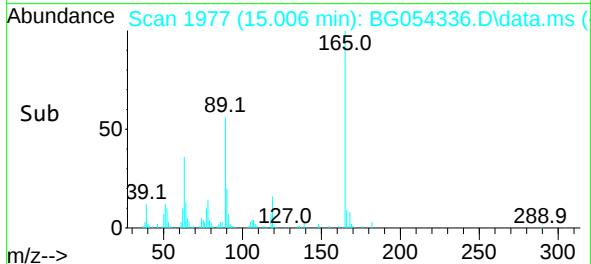
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion:165 Resp: 7794
Ion Ratio Lower Upper
165 100
63 36.0 34.6 52.0
89 56.1 60.3 90.5
182 2.6 2.2 3.4

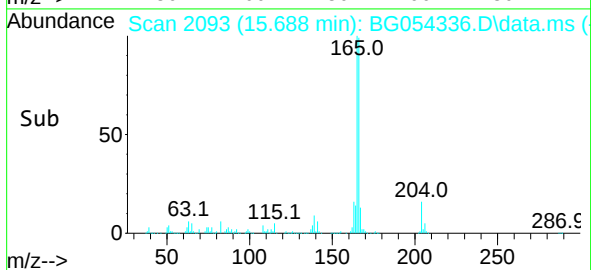
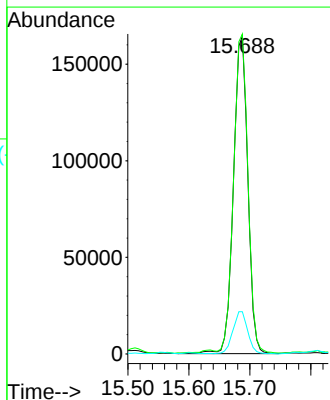
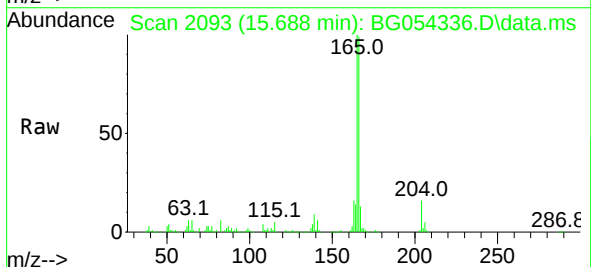
Manual Integrations
APPROVED

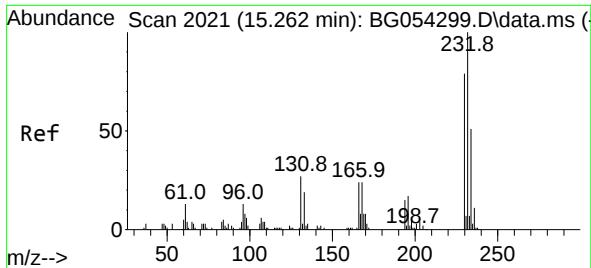
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#58
Fluorene
Concen: 54.917 ng
RT: 15.688 min Scan# 2093
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:166 Resp: 268564
Ion Ratio Lower Upper
166 100
165 100.7 75.0 112.6
167 13.3 10.8 16.2





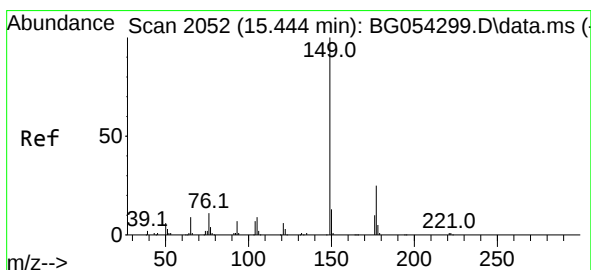
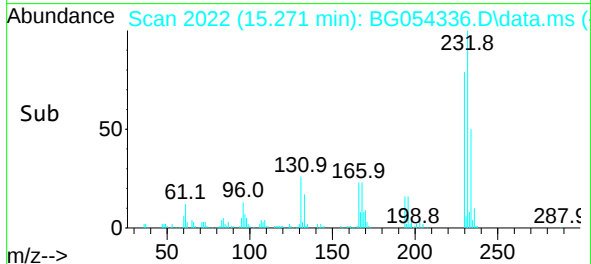
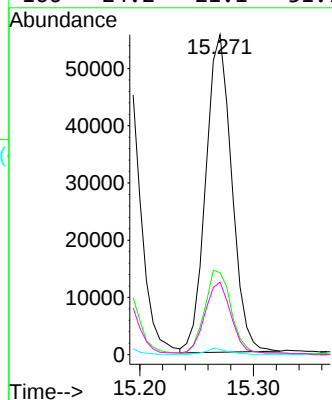
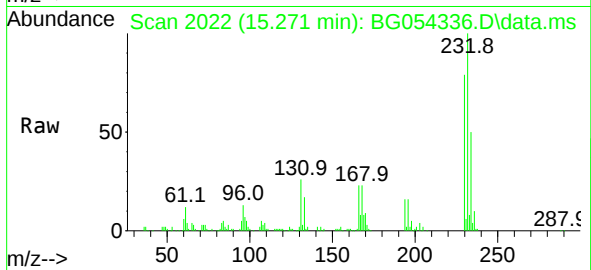
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.661 ng
RT: 15.271 min Scan# 2021
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion:232 Resp: 87969
Ion Ratio Lower Upper
232 100
131 27.9 30.6 46.0
130 1.8 1.8 2.8
166 24.2 21.1 31.7

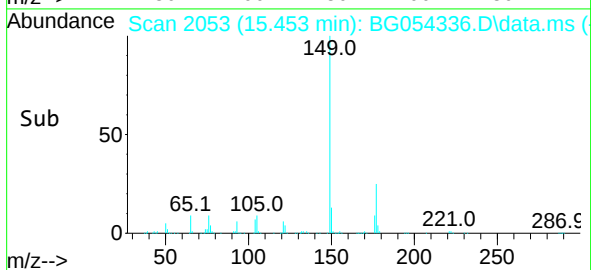
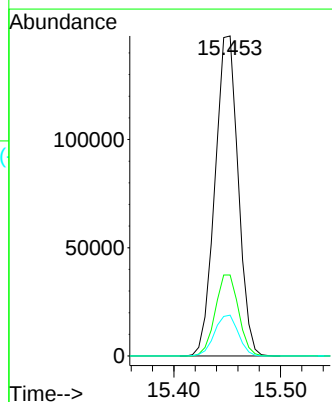
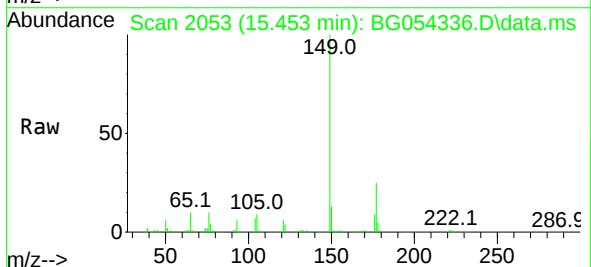
Manual Integrations
APPROVED

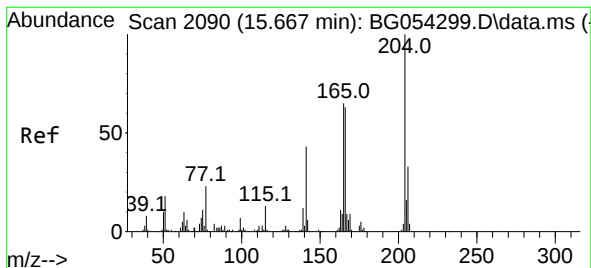
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#60
Diethylphthalate
Concen: 45.836 ng
RT: 15.453 min Scan# 2053
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

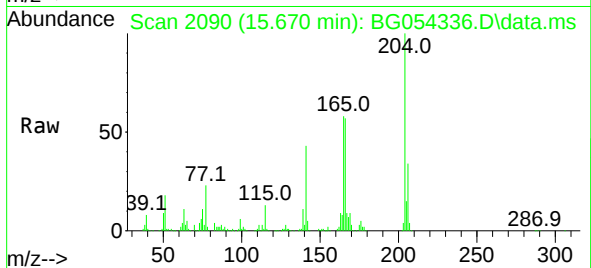
Tgt Ion:149 Resp: 222869
Ion Ratio Lower Upper
149 100
177 25.3 18.4 27.6
150 12.8 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 48.322 ng
RT: 15.670 min Scan# 2090
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

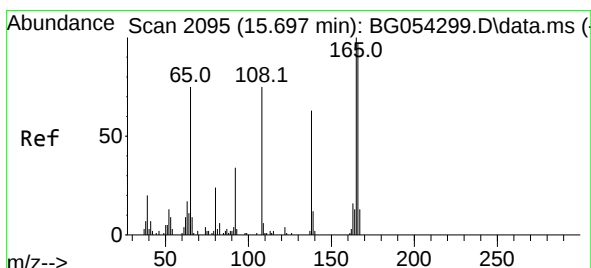
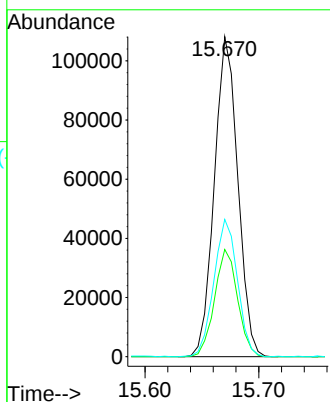
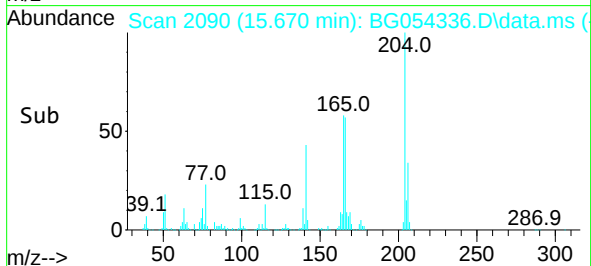
Instrument :
BNA_G
ClientSampleId :
72-11966MS



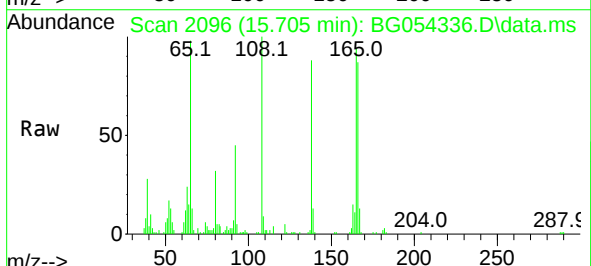
Tgt Ion:204 Resp: 15511
Ion Ratio Lower Upper
204 100
206 33.5 27.5 41.3
141 42.9 45.3 67.9

Manual Integrations
APPROVED

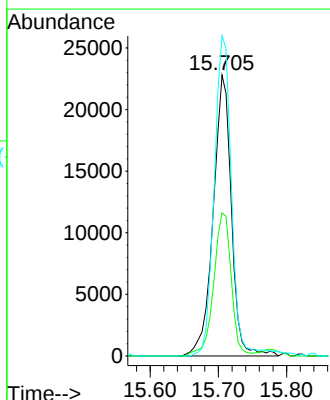
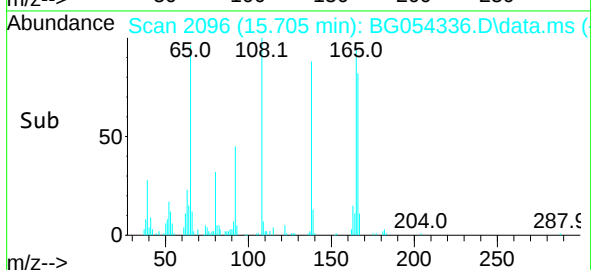
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

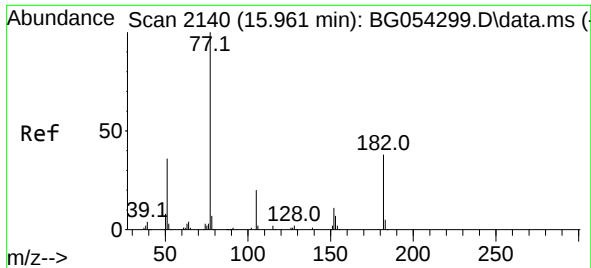


#62
4-Nitroaniline
Concen: 43.385 ng
RT: 15.705 min Scan# 2096
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



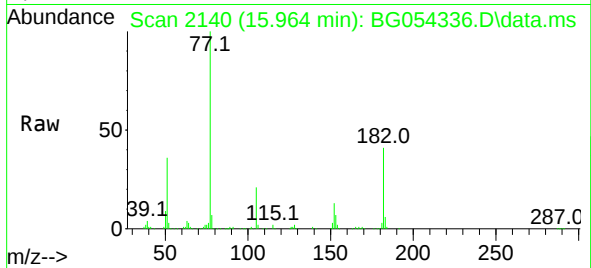
Tgt Ion:138 Resp: 42380
Ion Ratio Lower Upper
138 100
92 51.0 40.5 80.5
108 114.0 103.7 143.7





#63
Azobenzene
Concen: 46.264 ng
RT: 15.964 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

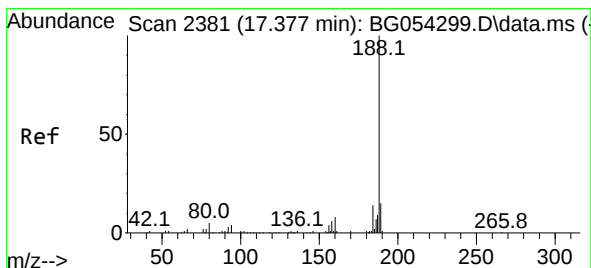
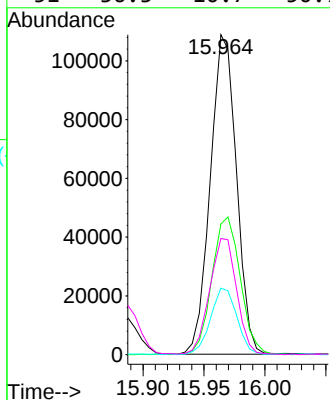
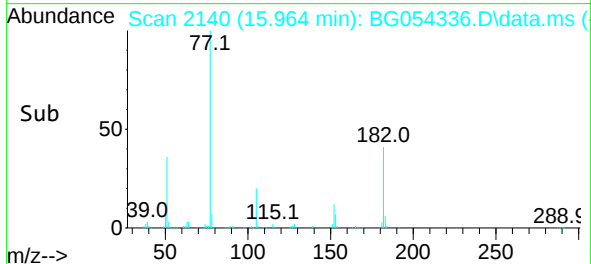
Instrument :
BNA_G
ClientSampleId :
72-11966MS



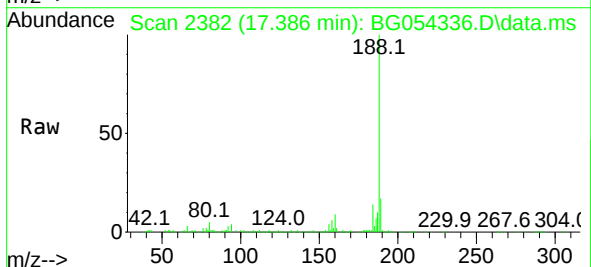
Tgt Ion: 77 Resp: 162538
Ion Ratio Lower Upper
77 100
182 40.8 3.8 43.8
105 20.8 0.0 37.8
51 36.3 10.7 50.7

Manual Integrations
APPROVED

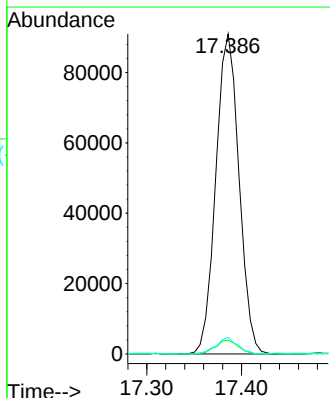
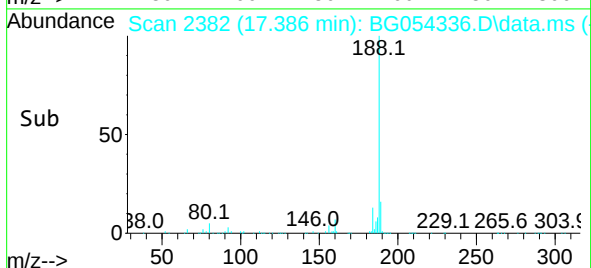
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

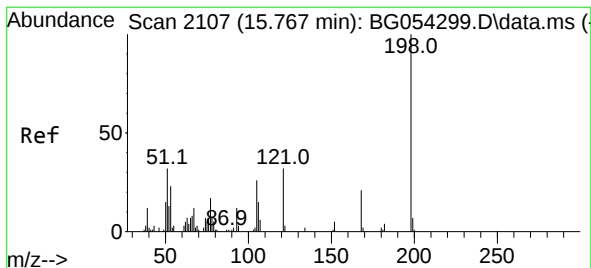


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2382
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:188 Resp: 154538
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.2 6.8 10.2#





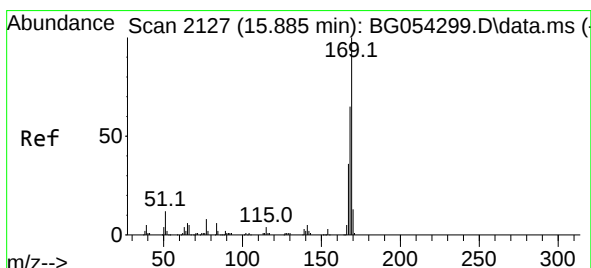
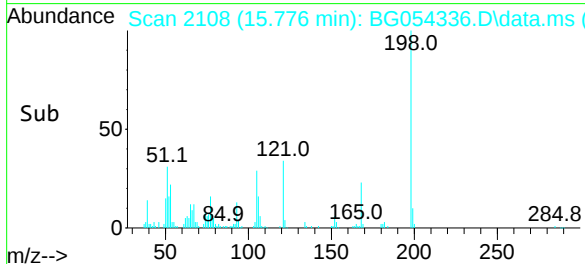
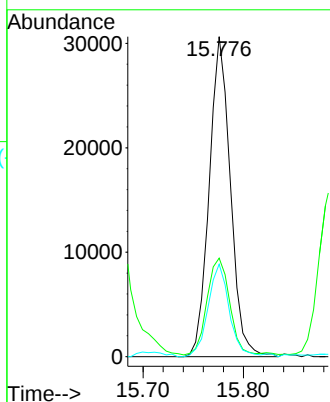
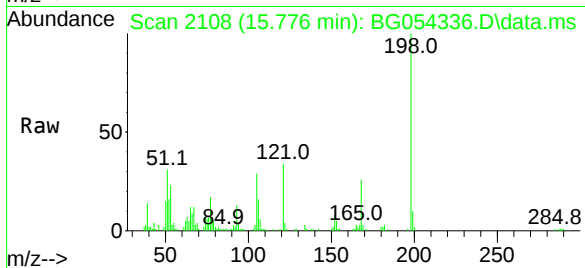
#65
4,6-Dinitro-2-methylphenol
Concen: 47.009 ng
RT: 15.776 min Scan# 2107
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Tgt Ion:198 Resp: 4488
Ion Ratio Lower Upper
198 100
51 30.8 28.1 68.1
105 28.9 20.3 60.3

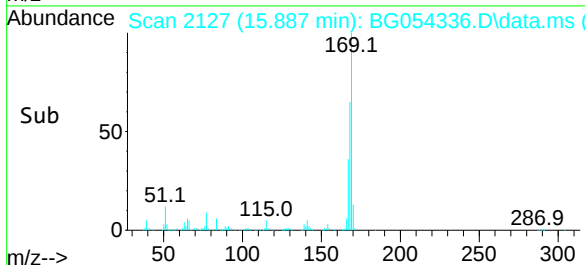
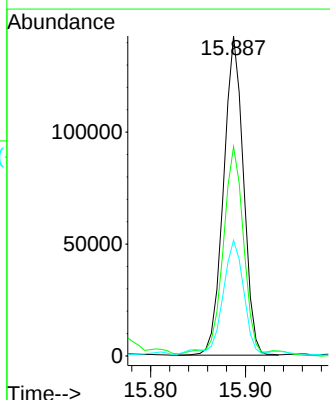
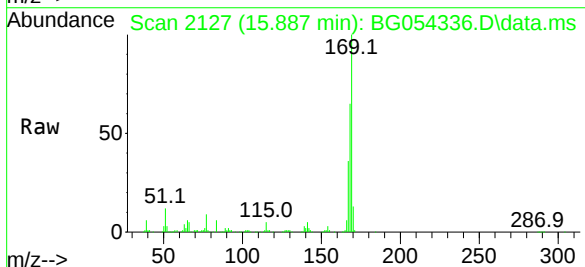
Manual Integrations
APPROVED

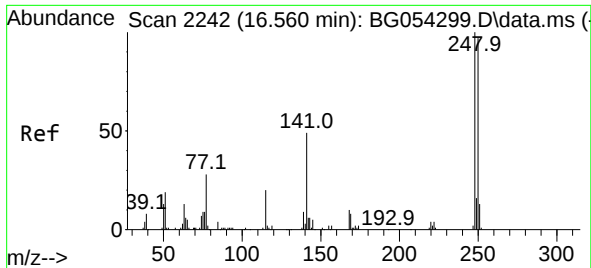
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#66
n-Nitrosodiphenylamine
Concen: 53.873 ng
RT: 15.887 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:169 Resp: 207858
Ion Ratio Lower Upper
169 100
168 65.4 55.9 83.9
167 36.1 30.6 46.0





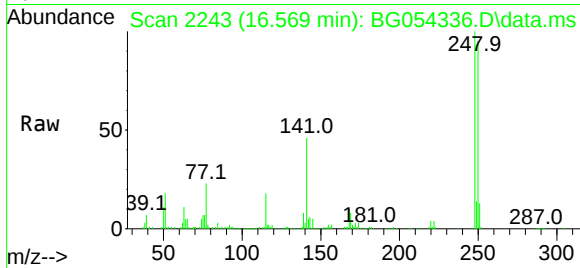
#67
4-Bromophenyl-phenylether
Concen: 52.453 ng
RT: 16.569 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

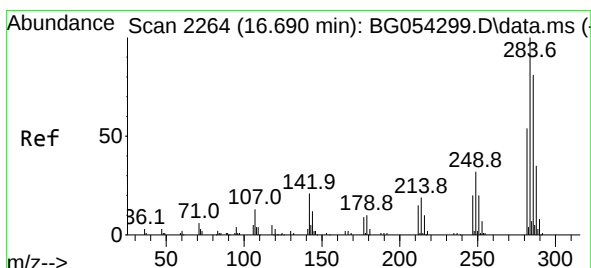
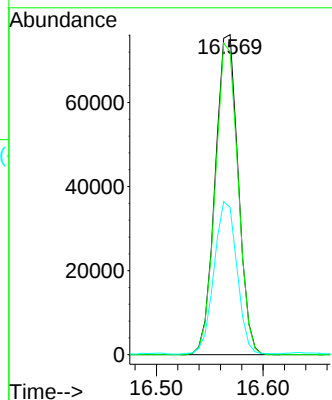
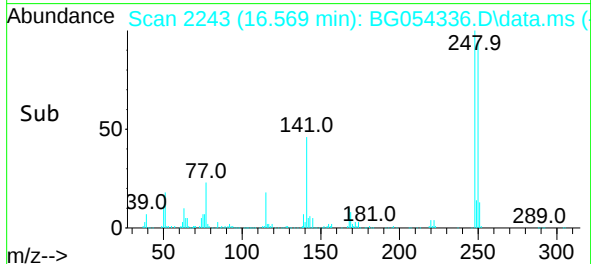


Tgt Ion:248 Resp: 11384
Ion Ratio Lower Upper
248 100
250 94.6 75.2 112.8
141 46.0 50.0 75.0

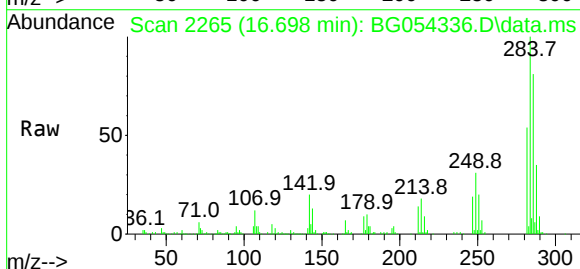
Manual Integrations

APPROVED

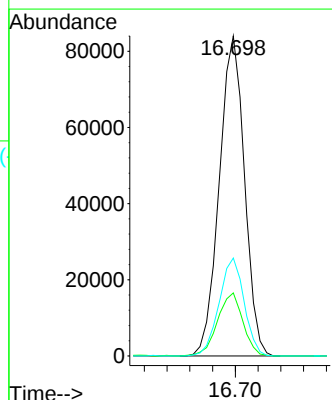
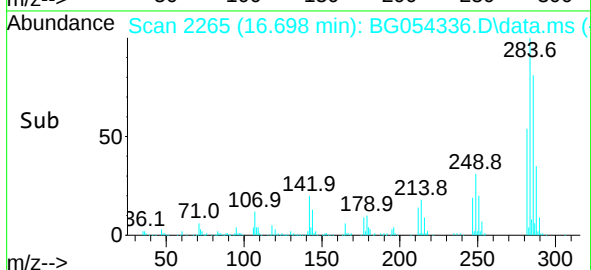
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

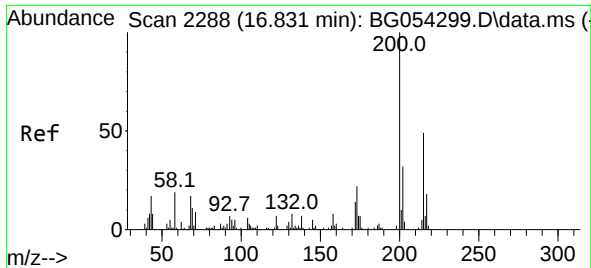


#68
Hexachlorobenzene
Concen: 52.098 ng
RT: 16.698 min Scan# 2265
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



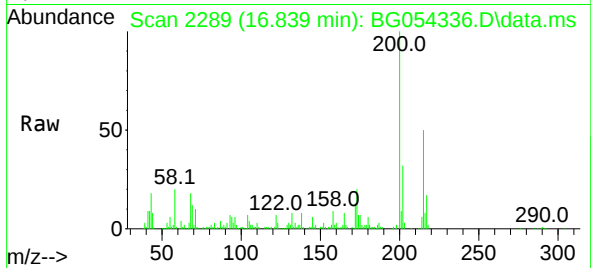
Tgt Ion:284 Resp: 129309
Ion Ratio Lower Upper
284 100
142 19.7 23.6 35.4
249 30.6 25.8 38.6





#69
 Atrazine
 Concen: 57.503 ng
 RT: 16.839 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56

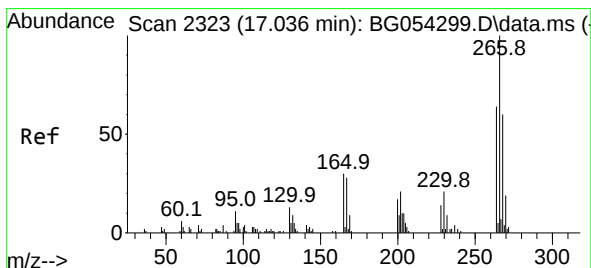
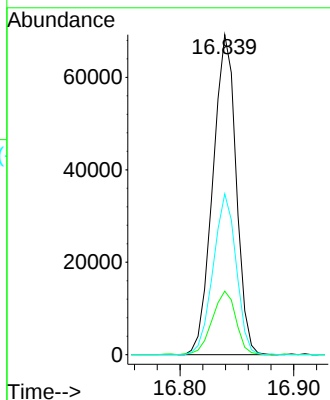
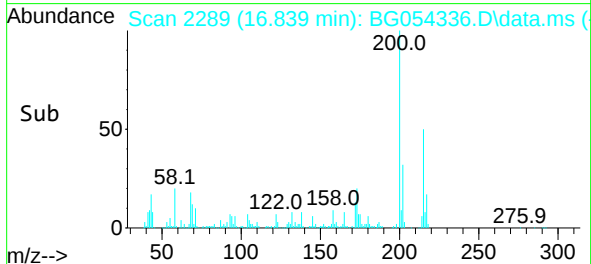
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS



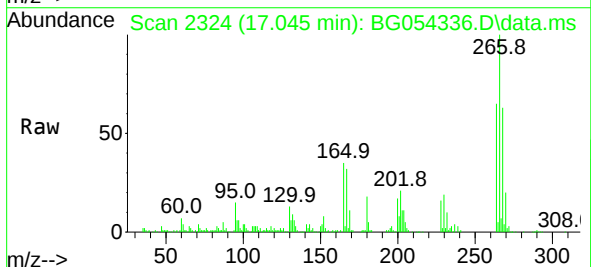
Tgt Ion:200 Resp: 98728
 Ion Ratio Lower Upper
 200 100
 173 19.8 3.7 43.7
 215 50.2 25.2 65.2

Manual Integrations
 APPROVED

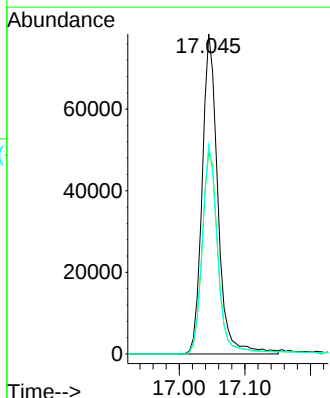
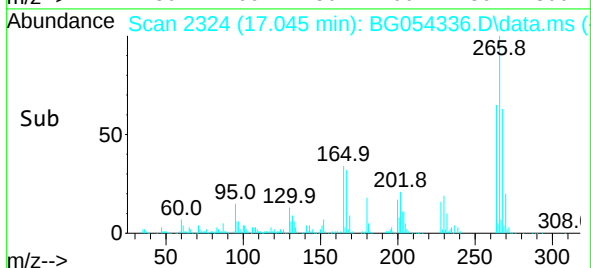
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

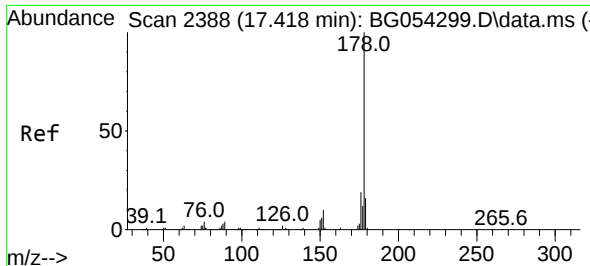


#70
 Pentachlorophenol
 Concen: 119.356 ng
 RT: 17.045 min Scan# 2324
 Delta R.T. 0.009 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56



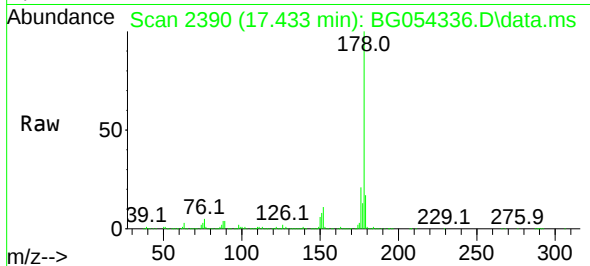
Tgt Ion:266 Resp: 130596
 Ion Ratio Lower Upper
 266 100
 268 67.2 56.2 84.2
 264 65.4 53.0 79.4





#71
Phenanthrene
Concen: 152.498 ng
RT: 17.433 min Scan# 21
Delta R.T. 0.014 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

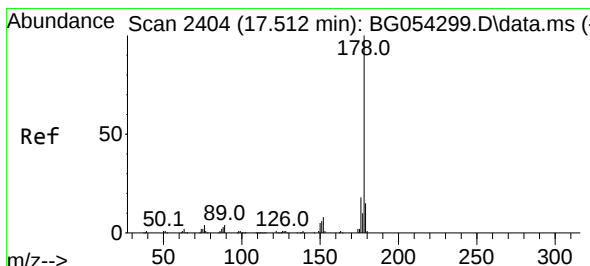
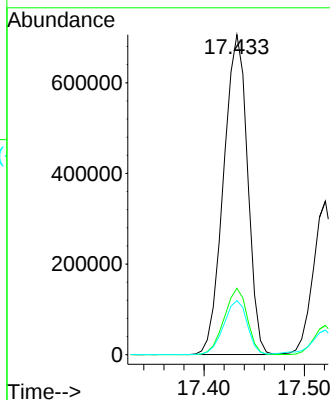
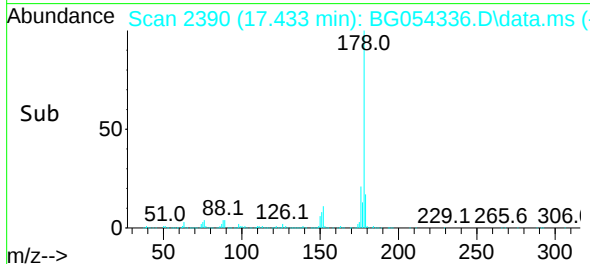
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion:178 Resp: 117361
Ion Ratio Lower Upper
178 100
176 20.7 14.1 21.1
179 16.9 12.1 18.1

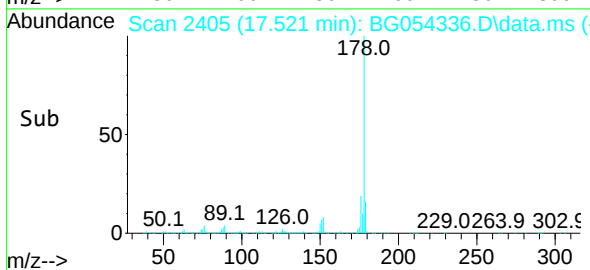
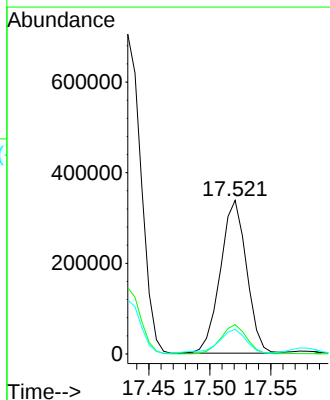
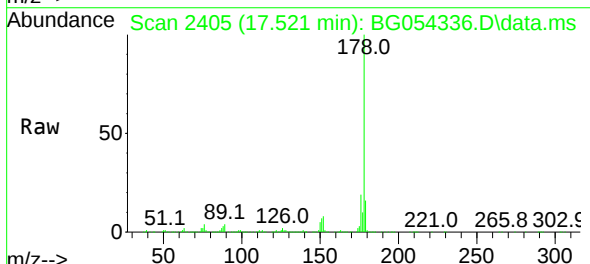
Manual Integrations
APPROVED

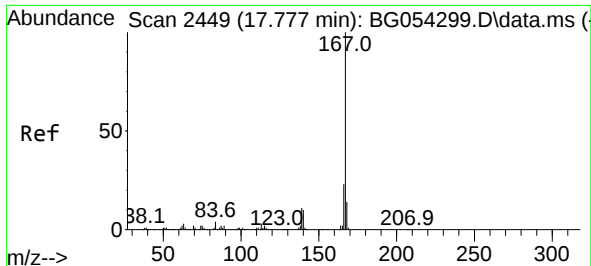
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#72
Anthracene
Concen: 66.802 ng
RT: 17.521 min Scan# 2405
Delta R.T. 0.009 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

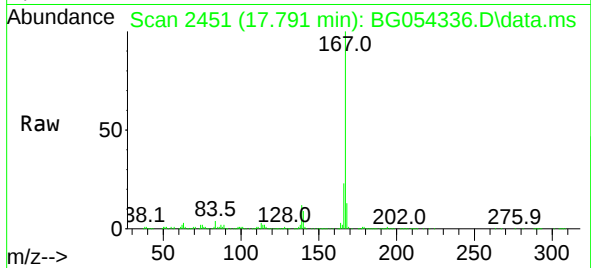
Tgt Ion:178 Resp: 504493
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.1 13.0 19.4





#73
 Carbazole
 Concen: 63.261 ng
 RT: 17.791 min Scan# 2449
 Delta R.T. 0.014 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56

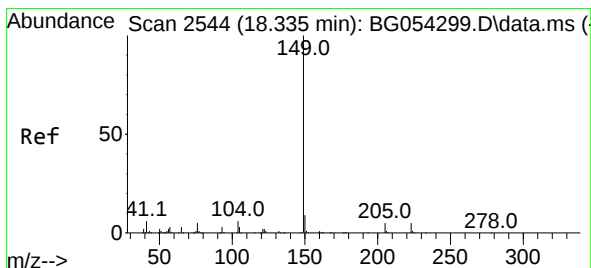
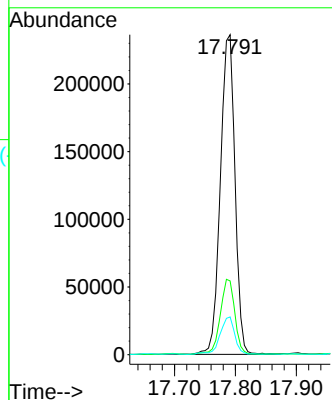
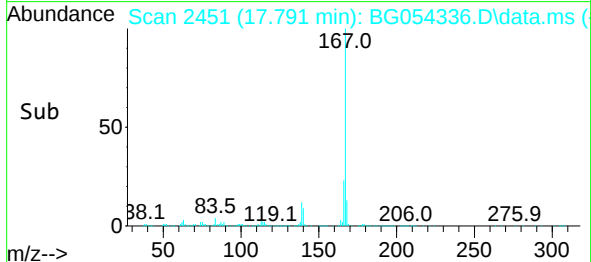
Instrument :
 BNA_G
 ClientSampleId :
 72-11966MS



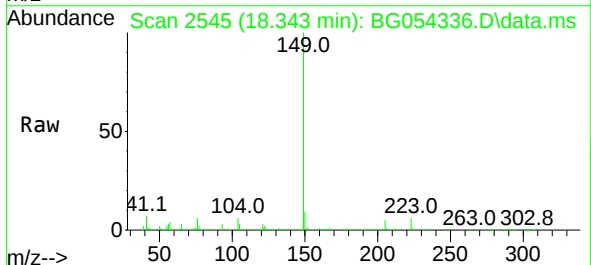
Tgt Ion:167 Resp: 393330
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 11.8 10.1 15.1

Manual Integrations
 APPROVED

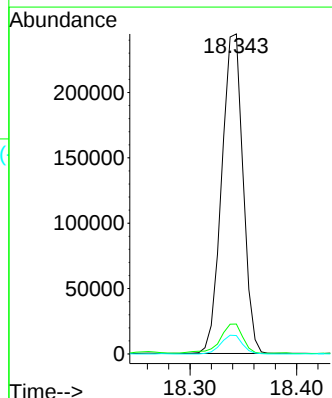
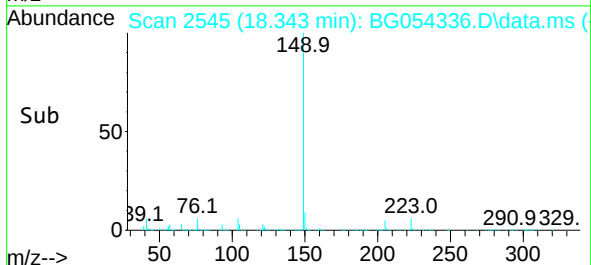
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

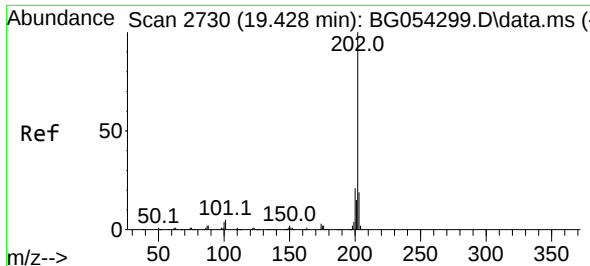


#74
 Di-n-butylphthalate
 Concen: 46.156 ng
 RT: 18.343 min Scan# 2545
 Delta R.T. 0.009 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56



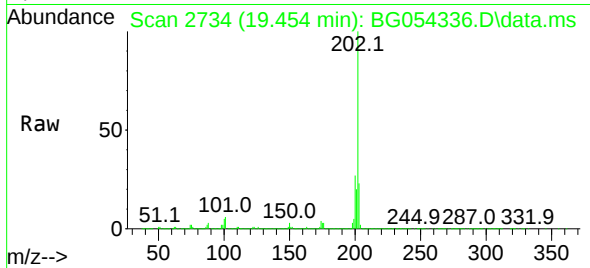
Tgt Ion:149 Resp: 338656
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.7 5.4 8.0





#75
Fluoranthene
Concen: 243.529 ng
RT: 19.454 min Scan# 21
Delta R.T. 0.026 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

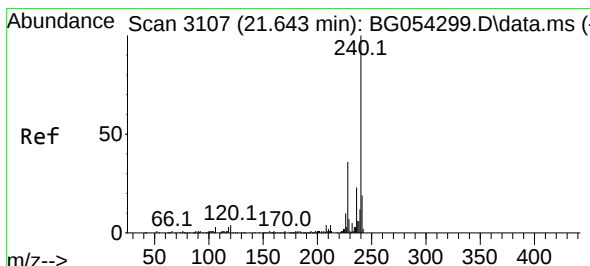
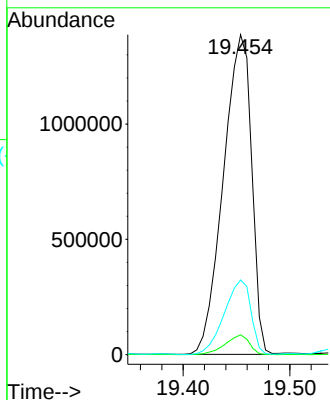
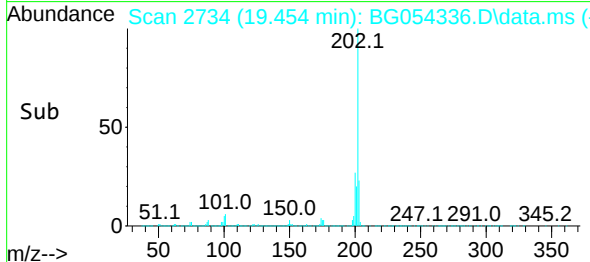
Instrument :
BNA_G
ClientSampleId :
72-11966MS



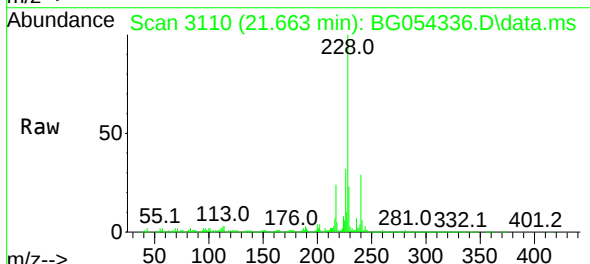
Tgt Ion:202 Resp: 2554800
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.9
203 23.3 0.0 37.2

Manual Integrations
APPROVED

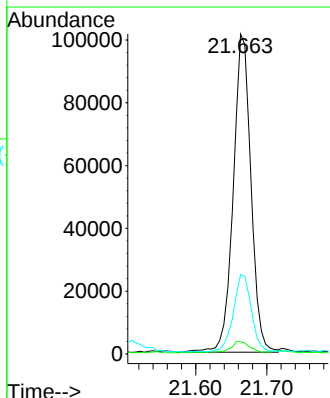
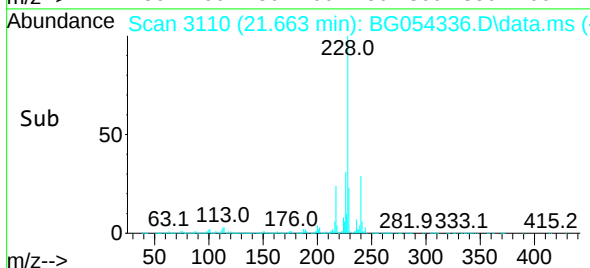
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

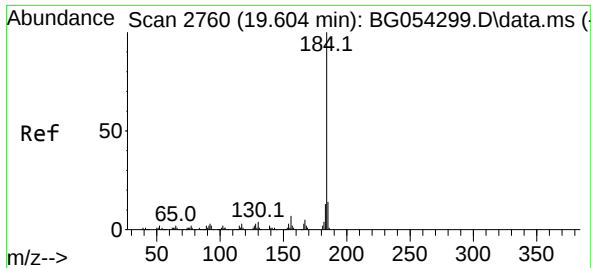


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3110
Delta R.T. 0.020 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



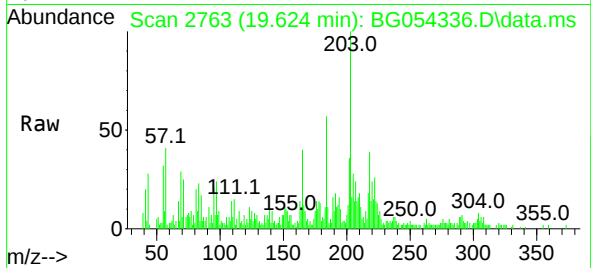
Tgt Ion:240 Resp: 175477
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.8 20.2 30.4





#77
Benzidine
Concen: 2.943 ng
RT: 19.624 min Scan# 21
Delta R.T. 0.020 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

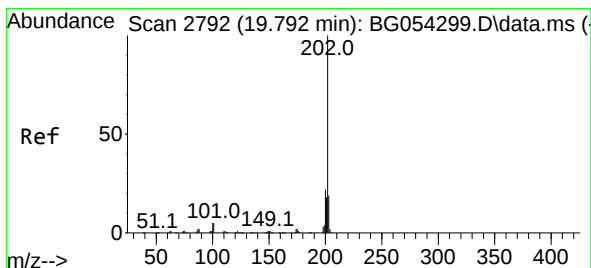
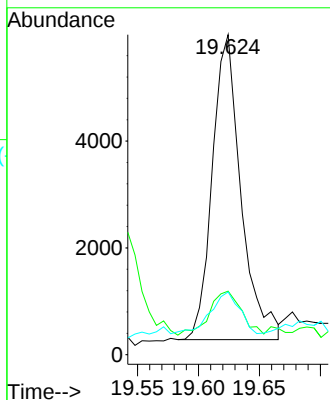
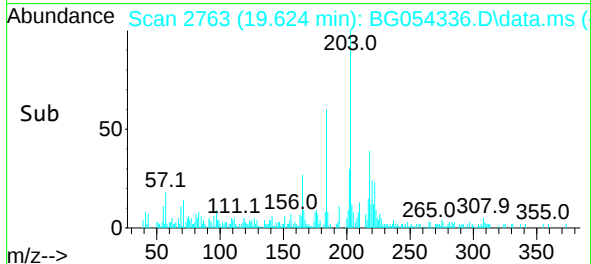
Instrument :
BNA_G
ClientSampleId :
72-11966MS



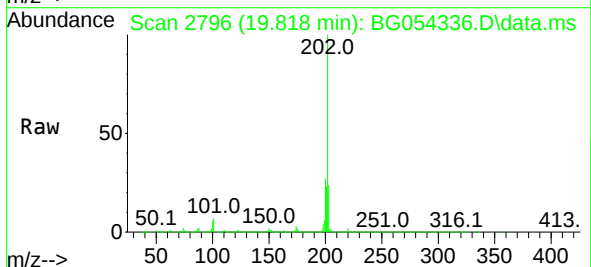
Tgt Ion:184 Resp: 9354
Ion Ratio Lower Upper
184 100
185 19.9 11.8 17.6#
183 19.6 8.9 13.3#

Manual Integrations
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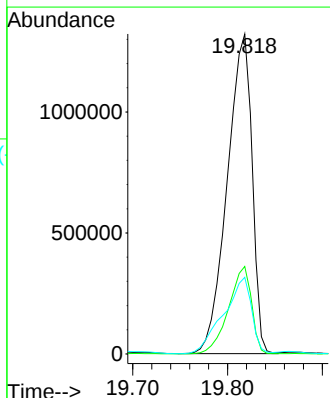
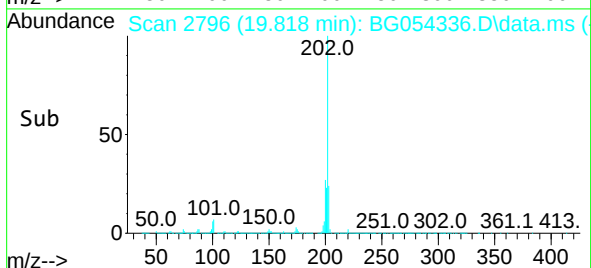
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

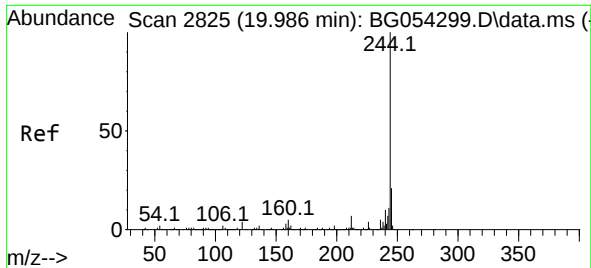


#78
Pyrene
Concen: 238.064 ng
RT: 19.818 min Scan# 2796
Delta R.T. 0.026 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:202 Resp: 2396998
Ion Ratio Lower Upper
202 100
200 27.4 16.6 24.8#
203 24.0 14.6 21.8#





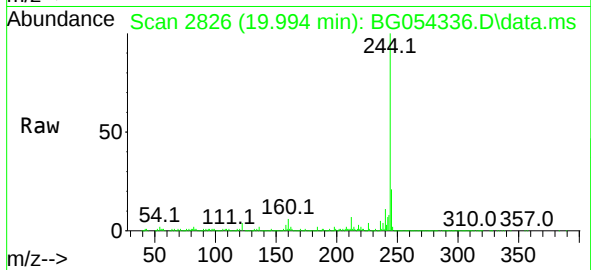
#79
 Terphenyl-d14
 Concen: 73.598 ng
 RT: 19.994 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

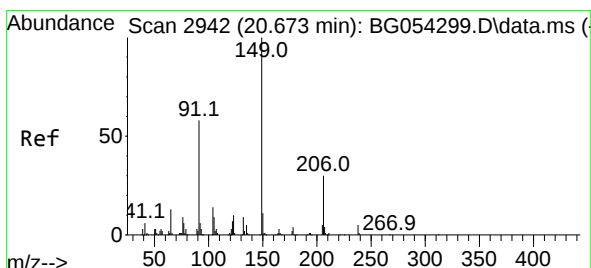
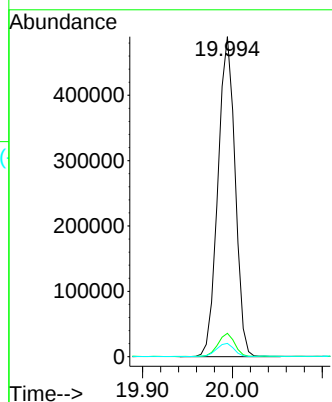
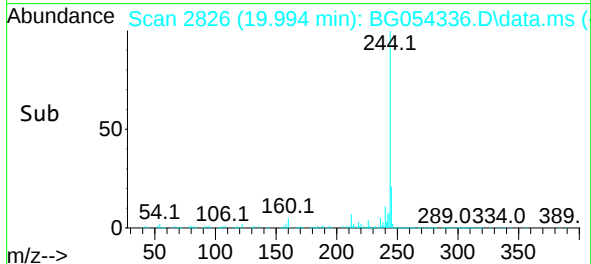


Tgt Ion:244 Resp: 65101
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.2 5.0 7.4

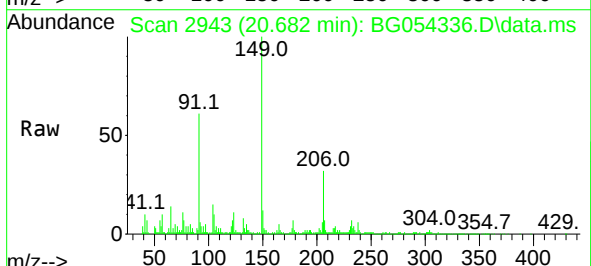
Manual Integrations

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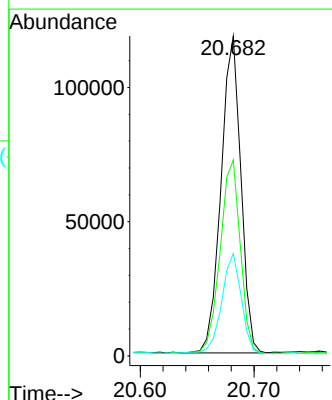
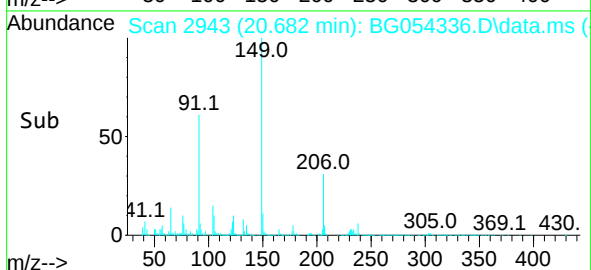
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

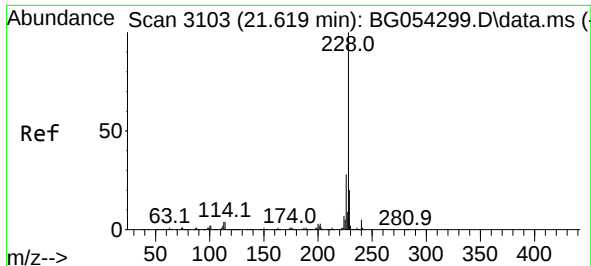


#80
 Butylbenzylphthalate
 Concen: 45.681 ng
 RT: 20.682 min Scan# 2943
 Delta R.T. 0.009 min
 Lab File: BG054336.D
 Acq: 20 Jul 2022 20:56



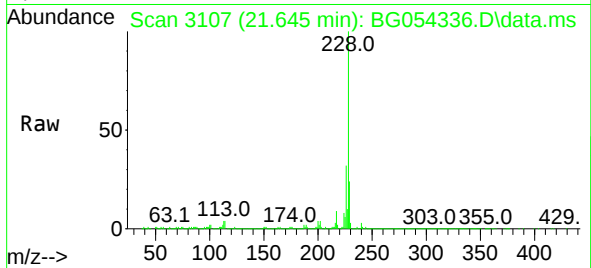
Tgt Ion:149 Resp: 143335
 Ion Ratio Lower Upper
 149 100
 91 61.3 59.6 89.4
 206 32.1 18.6 28.0





#81
Benzo(a)anthracene
Concen: 151.643 ng
RT: 21.645 min Scan# 3103
Delta R.T. 0.026 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

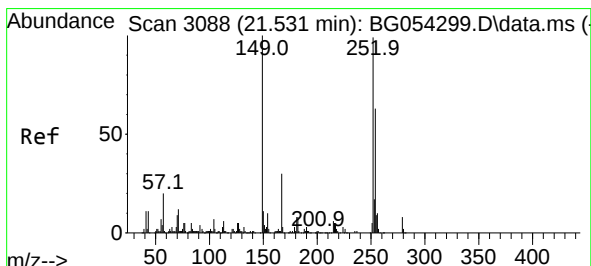
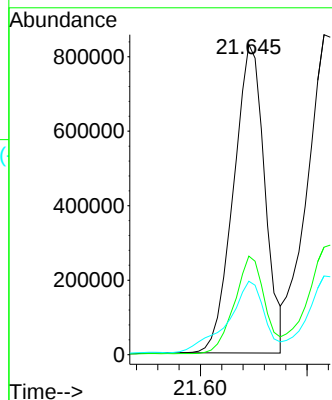
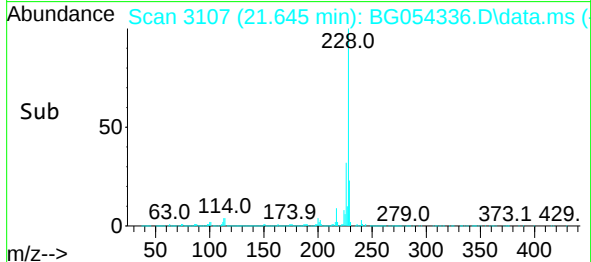
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion:228 Resp: 1689170
Ion Ratio Lower Upper
228 100
226 31.8 21.6 32.4
229 23.7 16.2 24.2

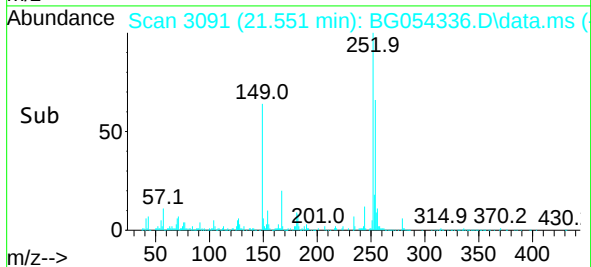
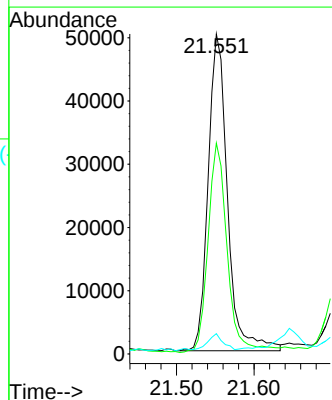
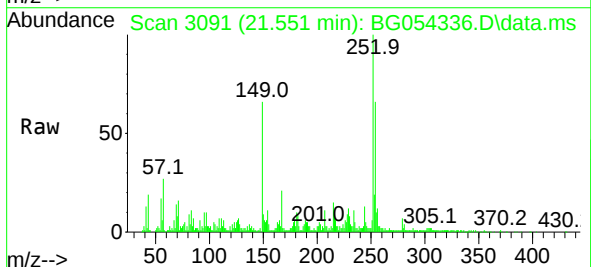
Manual Integrations
APPROVED

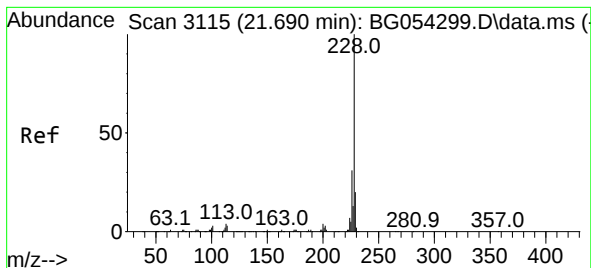
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 25.084 ng
RT: 21.551 min Scan# 3091
Delta R.T. 0.020 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:252 Resp: 86897
Ion Ratio Lower Upper
252 100
254 65.9 49.8 74.8
126 6.3 6.0 9.0





#83

Chrysene

Concen: 164.887 ng

RT: 21.716 min Scan# 3115

Delta R.T. 0.026 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

Tgt Ion:228 Resp: 173525

Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.2

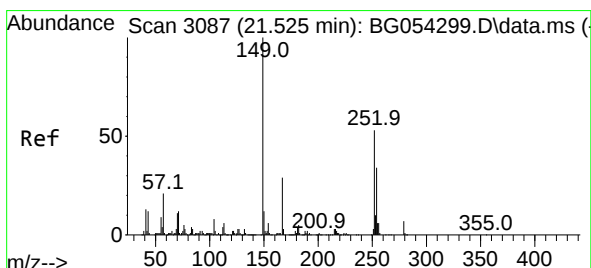
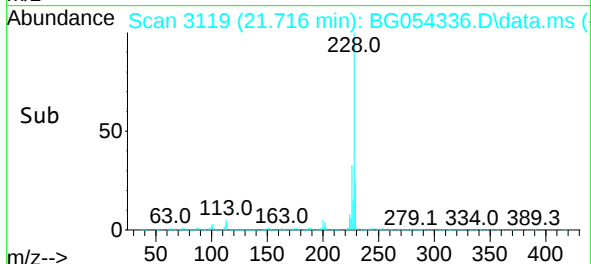
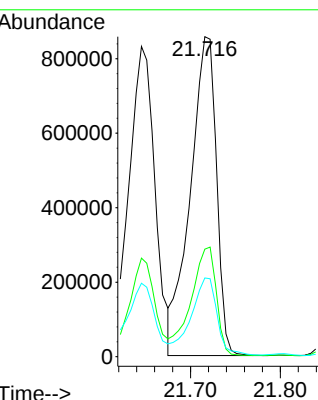
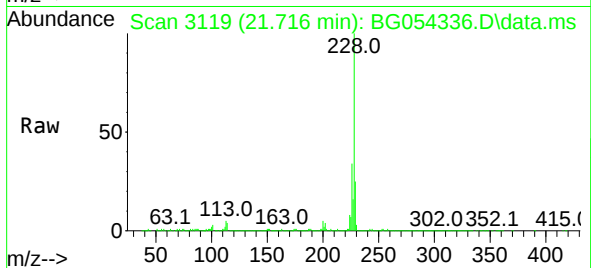
229 24.6 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.836 ng

RT: 21.534 min Scan# 3088

Delta R.T. 0.009 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

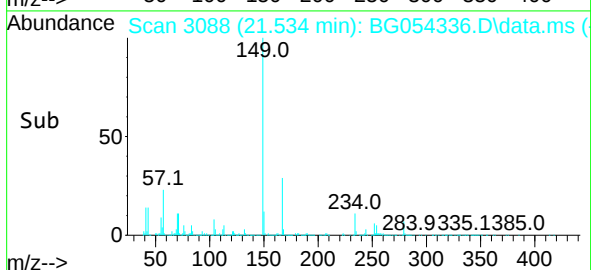
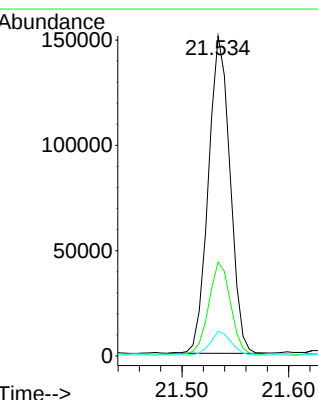
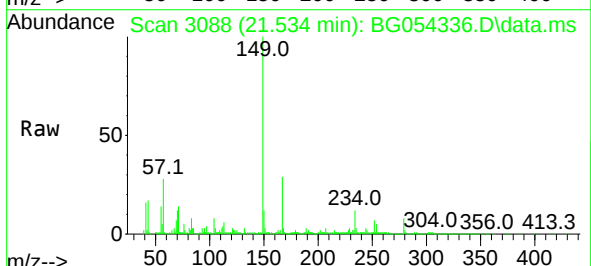
Tgt Ion:149 Resp: 212387

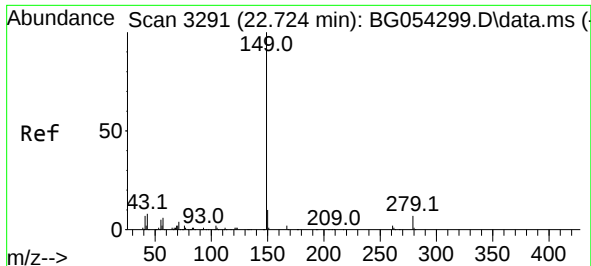
Ion Ratio Lower Upper

149 100

167 29.4 20.2 30.4

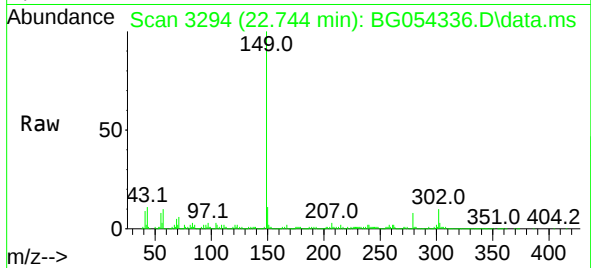
279 7.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.138 ng
RT: 22.744 min Scan# 31
Delta R.T. 0.020 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

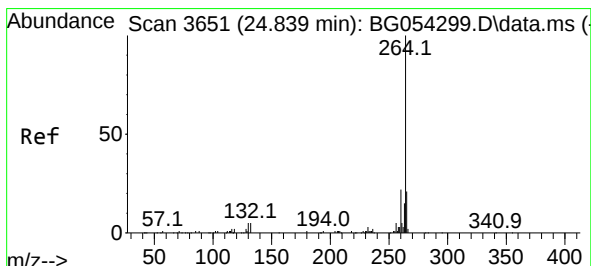
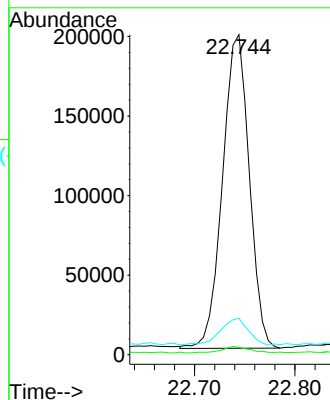
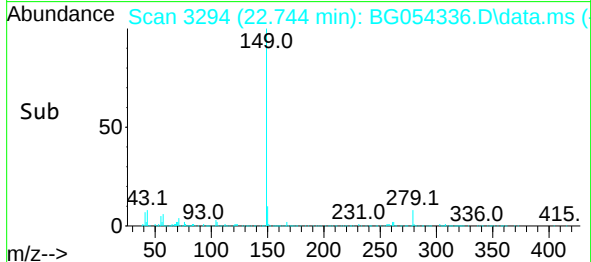
Instrument :
BNA_G
ClientSampleId :
72-11966MS



Tgt Ion:149 Resp: 36462
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9
43 8.9 9.0 13.4

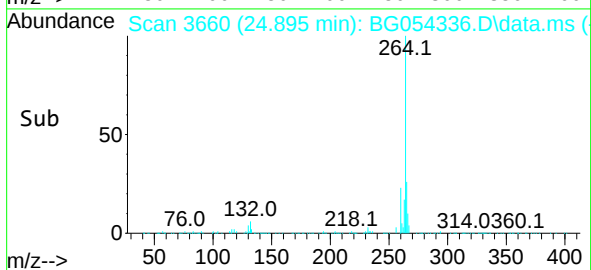
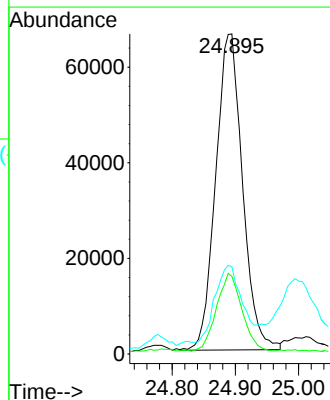
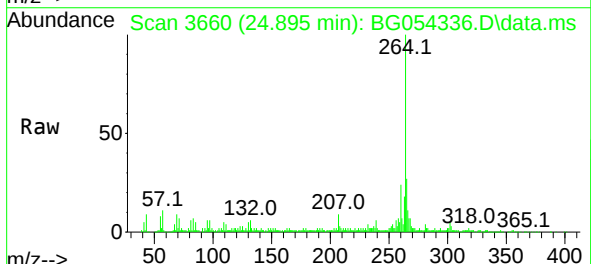
Manual Integrations
APPROVED

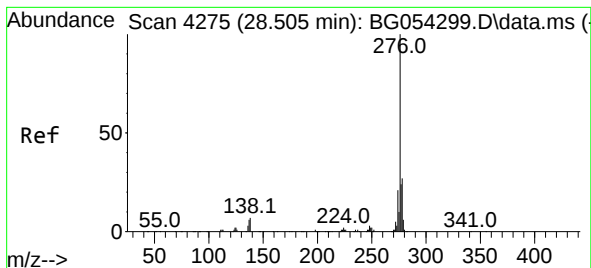
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3660
Delta R.T. 0.056 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

Tgt Ion:264 Resp: 195030
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 27.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 117.829 ng

RT: 28.631 min Scan# 41

Delta R.T. 0.126 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

Tgt Ion:276 Resp: 1748210

Ion Ratio Lower Upper

276 100

138 6.9 5.0 7.4

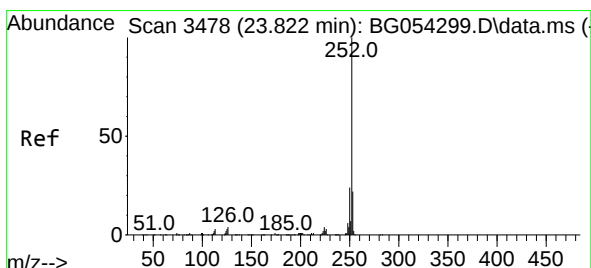
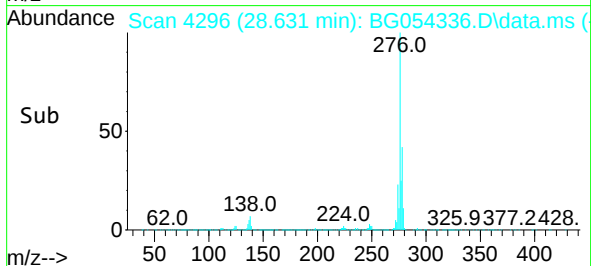
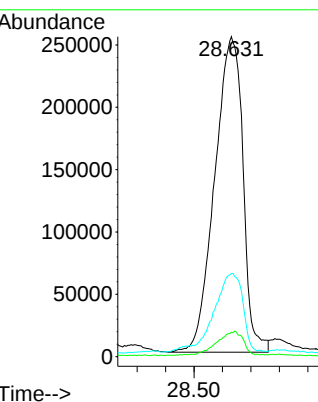
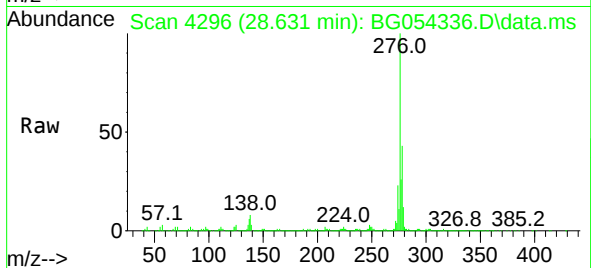
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#88

Benzo(b)fluoranthene

Concen: 205.751 ng

RT: 23.896 min Scan# 3490

Delta R.T. 0.073 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

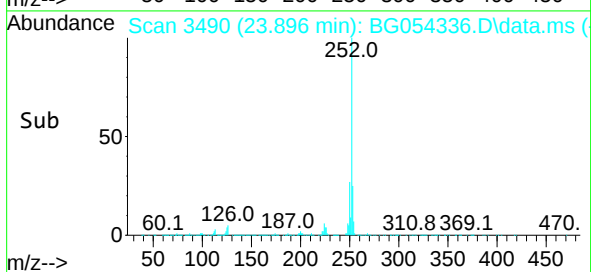
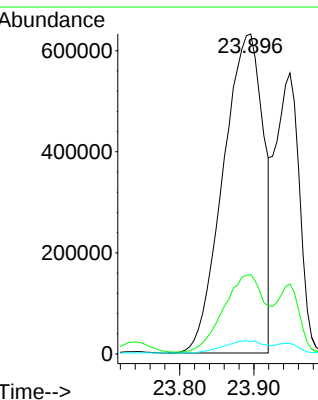
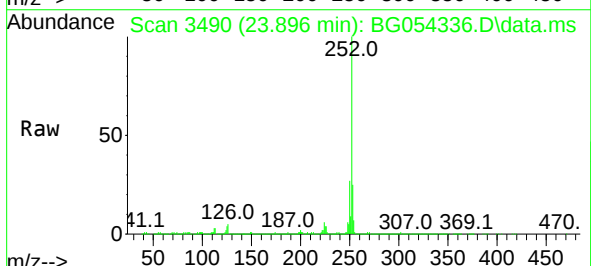
Tgt Ion:252 Resp: 2373097

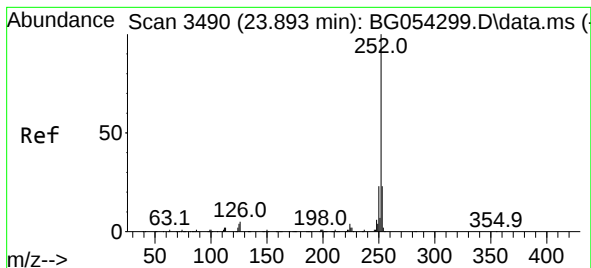
Ion Ratio Lower Upper

252 100

253 24.8 18.0 27.0

125 3.9 4.6 6.8#





#89

Benzo(k)fluoranthene

Concen: 108.993 ng m

RT: 23.949 min Scan# 34

Delta R.T. 0.056 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

Instrument :

BNA_G

ClientSampleId :

72-11966MS

Tgt Ion:252 Resp: 125110

Ion Ratio Lower Upper

252 100

253 24.9 18.4 27.6

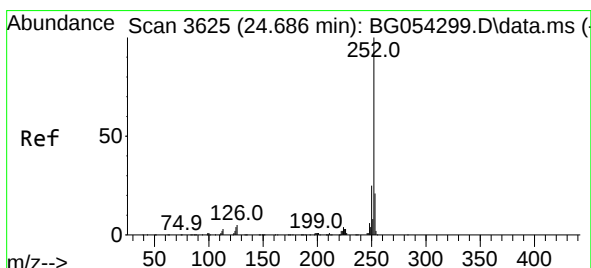
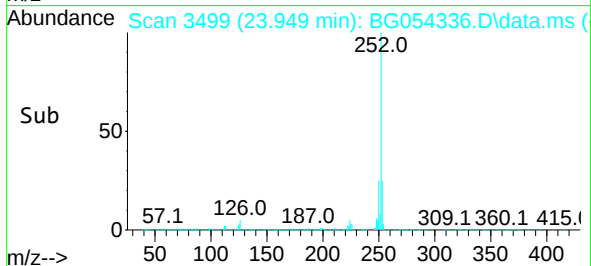
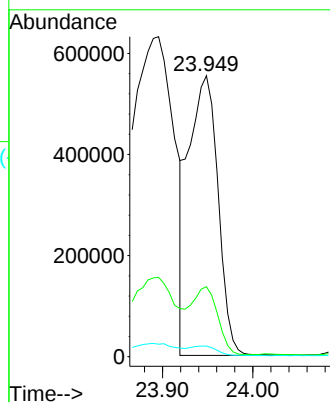
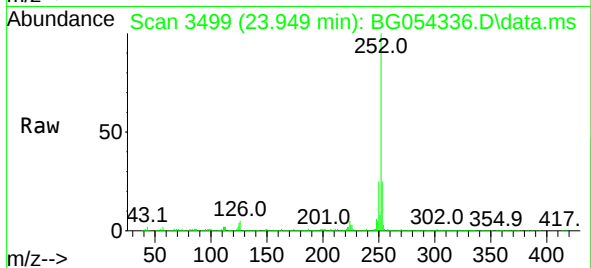
125 3.8 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#90

Benzo(a)pyrene

Concen: 195.483 ng m

RT: 24.765 min Scan# 3638

Delta R.T. 0.079 min

Lab File: BG054336.D

Acq: 20 Jul 2022 20:56

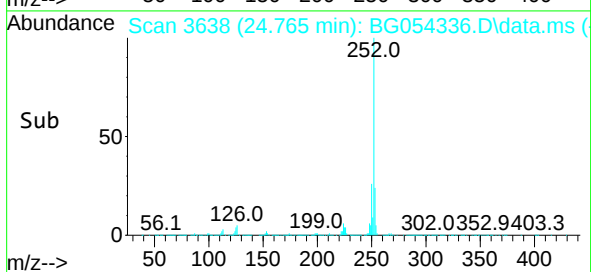
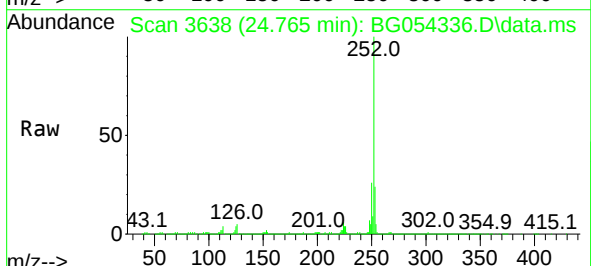
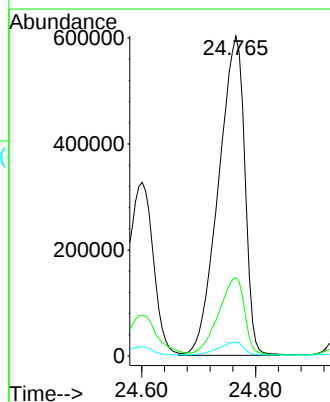
Tgt Ion:252 Resp: 1925505

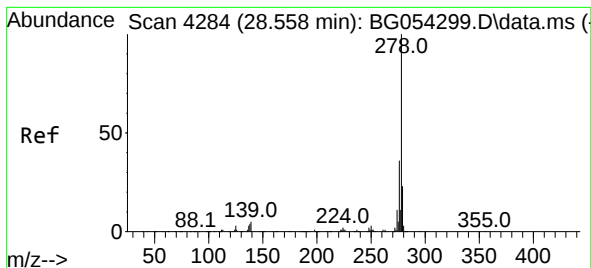
Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.8

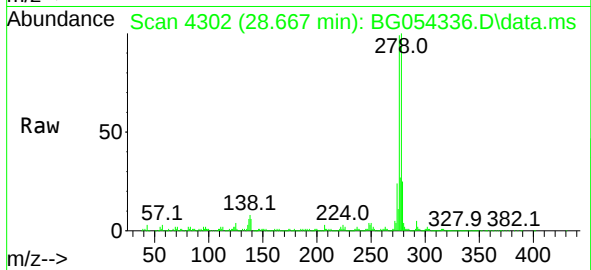
125 4.3 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 62.324 ng
RT: 28.667 min Scan# 41
Delta R.T. 0.108 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56

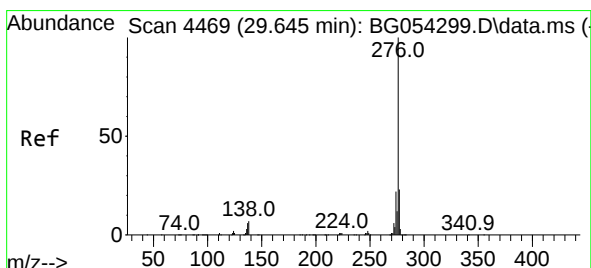
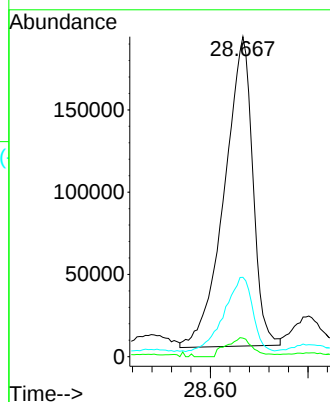
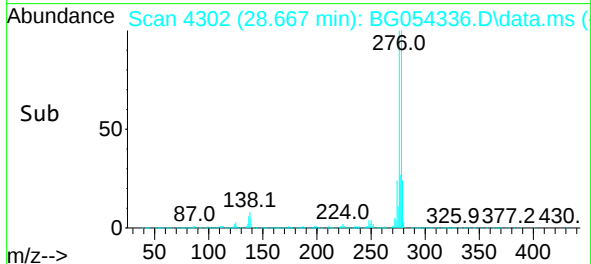
Instrument :
BNA_G
ClientSampleId :
72-11966MS



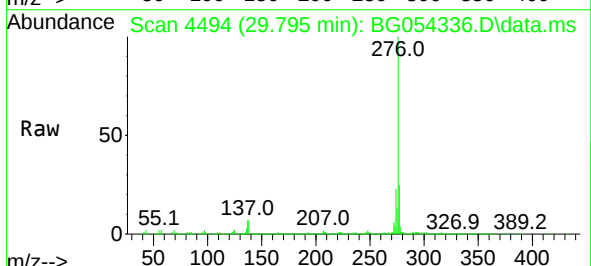
Tgt Ion:278 Resp: 760352
Ion Ratio Lower Upper
278 100
139 5.8 7.2 10.8
279 24.8 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#92
Benzo(g,h,i)perylene
Concen: 137.501 ng
RT: 29.795 min Scan# 4494
Delta R.T. 0.150 min
Lab File: BG054336.D
Acq: 20 Jul 2022 20:56



Tgt Ion:276 Resp: 1655661
Ion Ratio Lower Upper
276 100
277 25.0 17.3 25.9
138 6.7 9.6 14.4#

