

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054292.D
 Acq On : 14 Jul 2022 23:16
 Operator : CG/JU
 Sample : N3688-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:59:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	22499	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	91278	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	75735	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	193722	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	220794	20.000	ng	# 0.00
86) Perylene-d12	24.922	264	240997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	111188	99.288	ng	0.00
7) Phenol-d6	7.207	99	150947	97.728	ng	0.00
23) Nitrobenzene-d5	9.205	82	98807	58.743	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	153014	104.300	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	326642	63.372	ng	0.00
79) Terphenyl-d14	20.016	244	716024	66.687	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.482	88	10631	21.707	ng	# 93
3) Pyridine	3.882	79	30026	24.548	ng	97
4) n-Nitrosodimethylamine	3.793	42	23032	37.272	ng	# 69
6) Aniline	7.360	93	48588	26.761	ng	99
8) 2-Chlorophenol	7.607	128	50026	39.856	ng	90
9) Benzaldehyde	7.172	77	25538m	27.534	ng	
10) Phenol	7.237	94	58425	37.492	ng	92
11) bis(2-Chloroethyl)ether	7.454	93	38358	33.377	ng	90
12) 1,3-Dichlorobenzene	7.930	146	56457	37.044	ng	90
13) 1,4-Dichlorobenzene	8.071	146	57976	37.122	ng	93
14) 1,2-Dichlorobenzene	8.394	146	55996	37.339	ng	96
15) Benzyl Alcohol	8.276	79	48163	38.680	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.559	45	47819	29.966	ng	93
17) 2-Methylphenol	8.488	107	40673	36.530	ng	95
18) Hexachloroethane	9.123	117	19125	35.992	ng	# 58
19) n-Nitroso-di-n-propyla...	8.841	70	34817	33.019	ng	# 96
20) 3+4-Methylphenols	8.817	107	55845	35.747	ng	95
22) Acetophenone	8.858	105	73989	33.541	ng	# 98
24) Nitrobenzene	9.246	77	56098	33.925	ng	# 90
25) Isophorone	9.769	82	99172	32.593	ng	# 89
26) 2-Nitrophenol	9.957	139	29953	36.767	ng	# 86
27) 2,4-Dimethylphenol	10.022	122	47296	41.505	ng	89
28) bis(2-Chloroethoxy)met...	10.245	93	54407	35.126	ng	# 97
29) 2,4-Dichlorophenol	10.503	162	63355	38.360	ng	88
30) 1,2,4-Trichlorobenzene	10.709	180	74357	36.490	ng	94
31) Naphthalene	10.897	128	155484	33.874	ng	100
32) Benzoic acid	10.186	122	15739m	32.189	ng	
33) 4-Chloroaniline	11.003	127	33721	17.666	ng	94
34) Hexachlorobutadiene	11.185	225	65873	38.959	ng	94
35) Caprolactam	11.778	113	15339m	32.612	ng	
36) 4-Chloro-3-methylphenol	12.131	107	57112	35.943	ng	# 88
37) 2-Methylnaphthalene	12.501	142	120639	34.296	ng	96
38) 1-Methylnaphthalene	12.718	142	116302m	34.054	ng	
40) 1,2,4,5-Tetrachloroben...	12.871	216	118133	38.427	ng	# 95
41) Hexachlorocyclopentadiene	12.848	237	77408	71.739	ng	98
43) 2,4,6-Trichlorophenol	13.106	196	64931	36.777	ng	98

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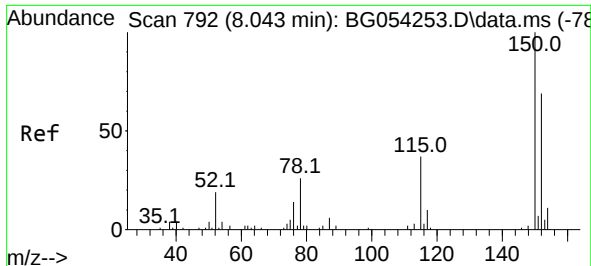
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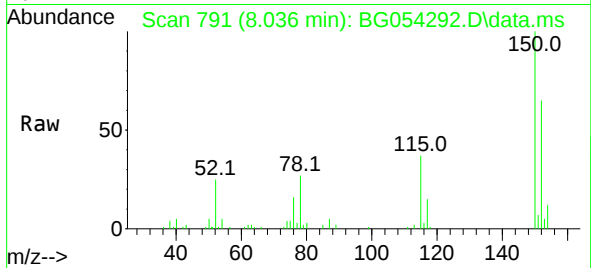
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	71237	36.887	ng	# 88
46) 1,1'-Biphenyl	13.500	154	179220	35.190	ng	96
47) 2-Chloronaphthalene	13.547	162	148963	34.988	ng	95
48) 2-Nitroaniline	13.747	65	37613	31.214	ng	90
49) Acenaphthylene	14.393	152	220953	34.209	ng	100
50) Dimethylphthalate	14.117	163	192338	32.345	ng	# 99
51) 2,6-Dinitrotoluene	14.240	165	44066	34.094	ng	# 78
52) Acenaphthene	14.734	154	130174	33.321	ng	97
53) 3-Nitroaniline	14.569	138	26990	23.559	ng	84
54) 2,4-Dinitrophenol	14.787	184	43040	61.788	ng	# 77
55) Dibenzofuran	15.069	168	236554	34.474	ng	94
56) 4-Nitrophenol	14.892	139	51381	69.810	ng	95
57) 2,4-Dinitrotoluene	15.033	165	62114	33.190	ng	# 83
58) Fluorene	15.715	166	191034	33.513	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.298	232	67831	35.067	ng	# 83
60) Diethylphthalate	15.480	149	184537	31.818	ng	96
61) 4-Chlorophenyl-phenyle...	15.703	204	131721	36.378	ng	# 86
62) 4-Nitroaniline	15.732	138	33821	28.264	ng	94
63) Azobenzene	15.997	77	131605	30.110	ng	82
65) 4,6-Dinitro-2-methylph...	15.797	198	37414	32.830	ng	80
66) n-Nitrosodiphenylamine	15.920	169	171848	35.170	ng	94
67) 4-Bromophenyl-phenylether	16.596	248	98738	38.214	ng	# 88
68) Hexachlorobenzene	16.725	284	114000	38.655	ng	# 90
69) Atrazine	16.861	200	84794	39.291	ng	94
70) Pentachlorophenol	17.072	266	91323	68.922	ng	93
71) Phenanthrene	17.454	178	372070	38.396	ng	97
72) Anthracene	17.548	178	333622	35.154	ng	99
73) Carbazole	17.812	167	267367	33.268	ng	98
74) Di-n-butylphthalate	18.365	149	301360	31.667	ng	98
75) Fluoranthene	19.463	202	579697	43.988	ng	95
77) Benzidine	19.640	184	149743	38.635	ng	98
78) Pyrene	19.828	202	553547	43.562	ng	97
80) Butylbenzylphthalate	20.703	149	128321	31.166	ng	# 83
81) Benzo(a)anthracene	21.667	228	557095	39.887	ng	99
82) 3,3'-Dichlorobenzidine	21.573	252	129141	30.252	ng	# 94
83) Chrysene	21.731	228	522016	39.517	ng	97
84) Bis(2-ethylhexyl)phtha...	21.561	149	187016	32.014	ng	# 93
85) Di-n-octyl phthalate	22.777	149	351595	34.961	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.647	276	671345	37.029	ng	# 98
88) Benzo(b)fluoranthene	23.899	252	609187m	42.628	ng	
89) Benzo(k)fluoranthene	23.964	252	537728	37.928	ng	# 98
90) Benzo(a)pyrene	24.775	252	530042m	43.348	ng	
91) Dibenzo(a,h)anthracene	28.688	278	533788	35.939	ng	# 95
92) Benzo(g,h,i)perylene	29.798	276	582363	39.311	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 792
Delta R.T. -0.007 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

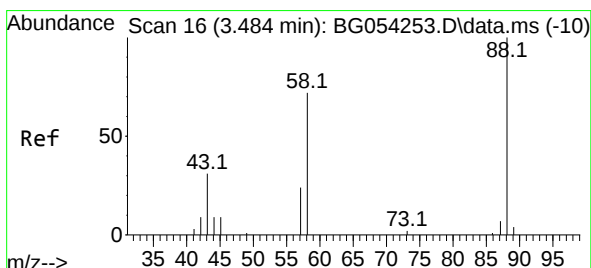
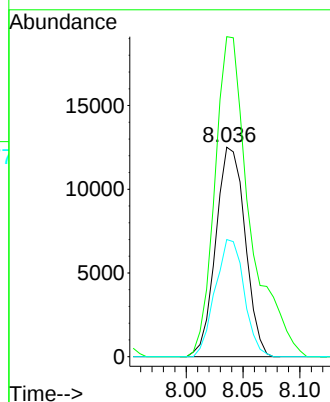
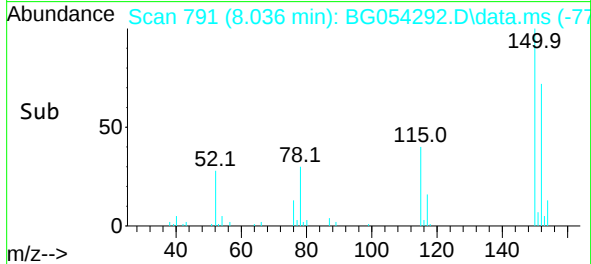
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 55.9 50.9 76.3

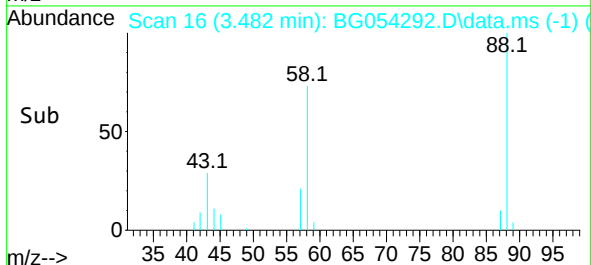
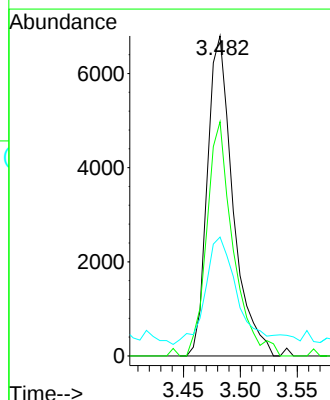
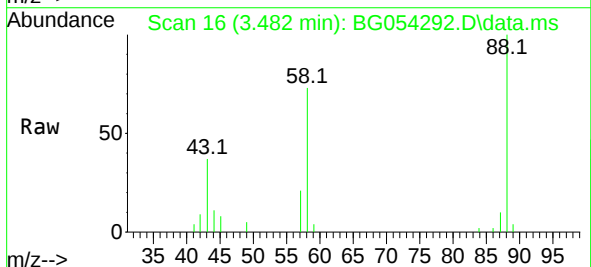
Manual Integrations
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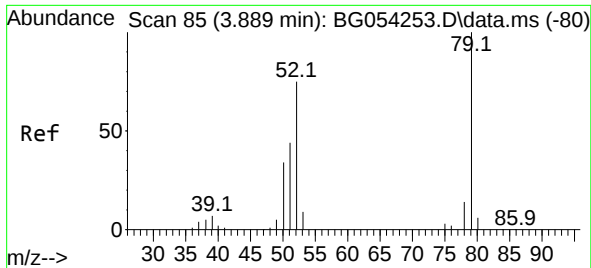
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#2
1,4-Dioxane
Concen: 21.707 ng
RT: 3.482 min Scan# 16
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion: 88 Resp: 10631
Ion Ratio Lower Upper
88 100
58 75.7 59.2 88.8
43 41.1 24.3 36.5





#3

Pyridine

Concen: 24.548 ng

RT: 3.882 min Scan# 84

Delta R.T. -0.008 min

Lab File: BG054292.D

Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

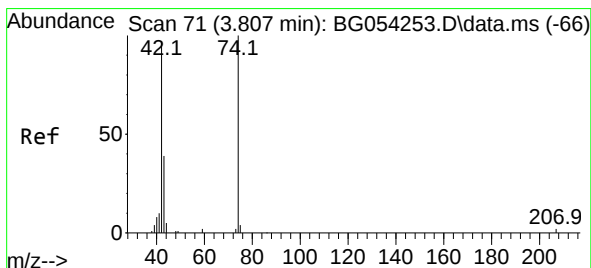
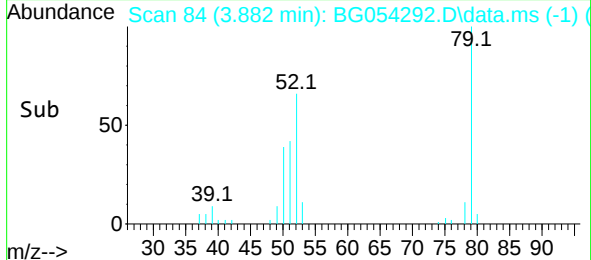
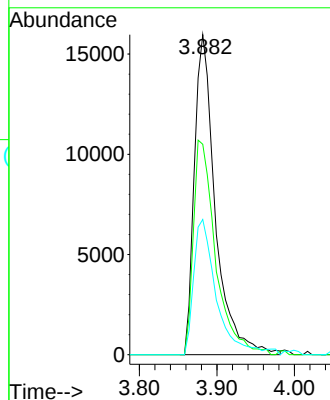
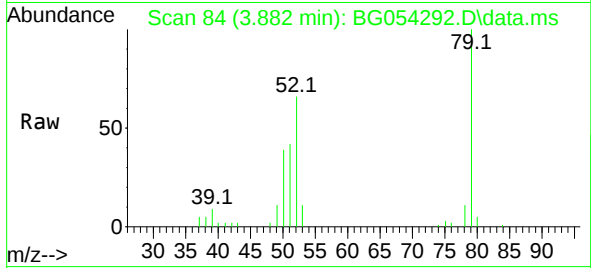
Tgt Ion: 79	Resp: 30020
Ion Ratio	Lower Upper
79	100
52	65.8 54.6 81.8
51	42.3 32.5 48.7

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.272 ng

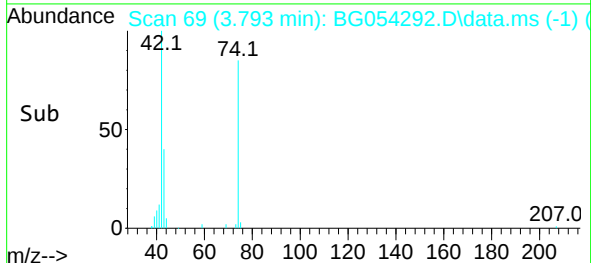
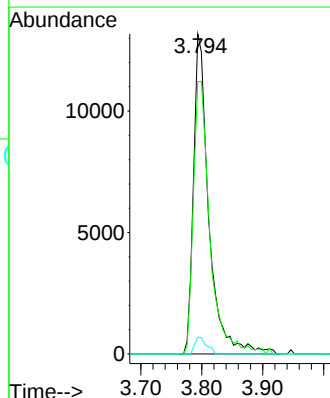
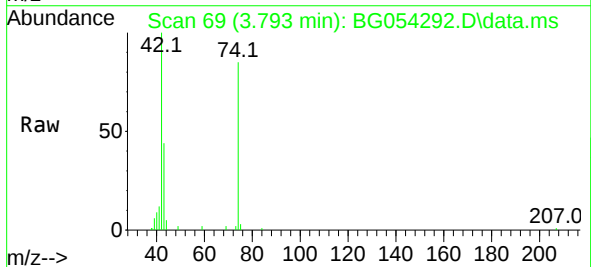
RT: 3.793 min Scan# 69

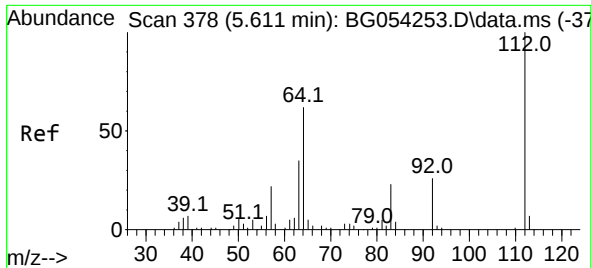
Delta R.T. -0.013 min

Lab File: BG054292.D

Acq: 14 Jul 2022 23:16

Tgt Ion: 42	Resp: 23032
Ion Ratio	Lower Upper
42	100
74	85.1 97.0 145.4#
44	5.3 7.0 10.4#





#5
2-Fluorophenol
Concen: 99.288 ng
RT: 5.609 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

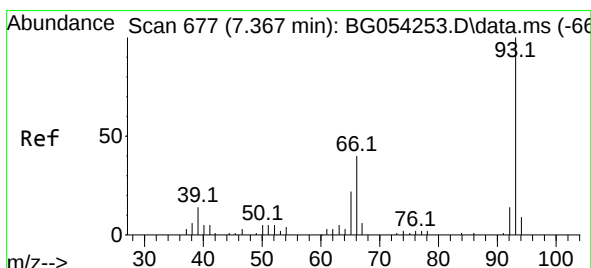
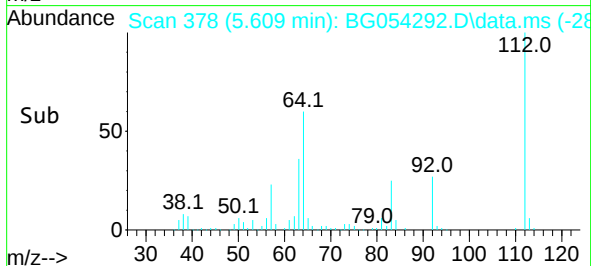
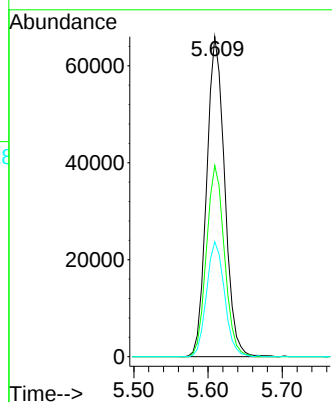
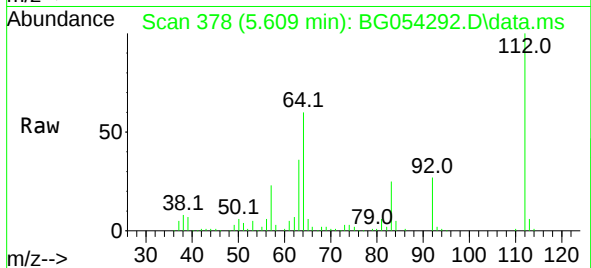
ClientSampleId :

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Tgt Ion:112 Resp: 111188
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.9 30.4 45.6

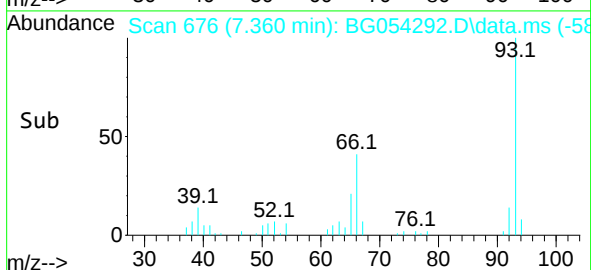
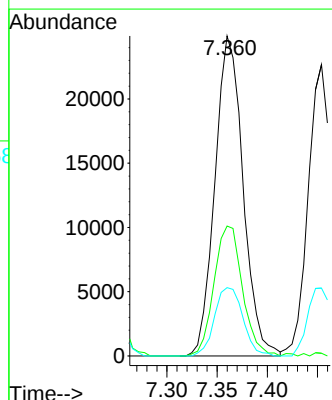
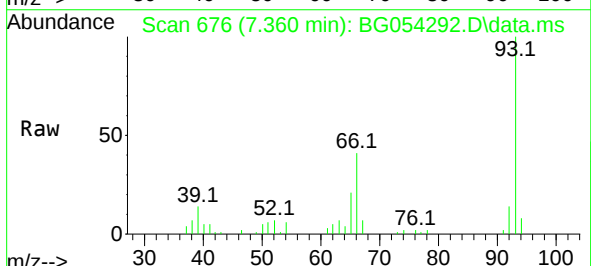
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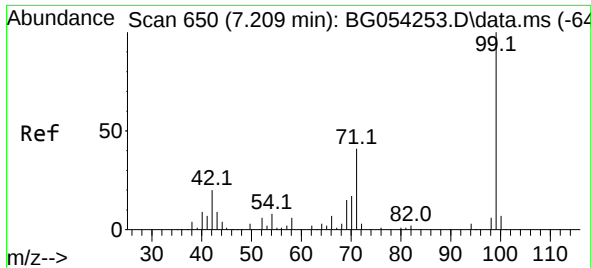
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#6
Aniline
Concen: 26.761 ng
RT: 7.360 min Scan# 676
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

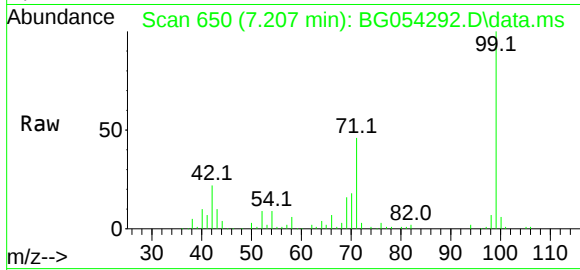
Tgt Ion: 93 Resp: 48588
Ion Ratio Lower Upper
93 100
66 40.6 32.9 49.3
65 21.3 17.8 26.8





#7
Phenol-d6
Concen: 97.728 ng
RT: 7.207 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

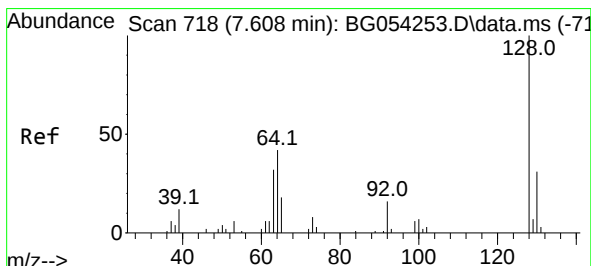
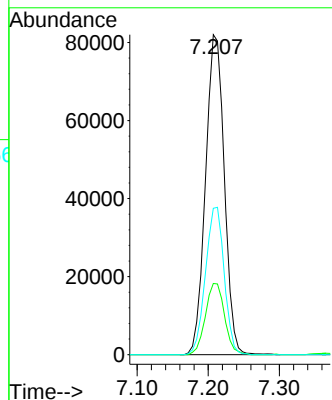
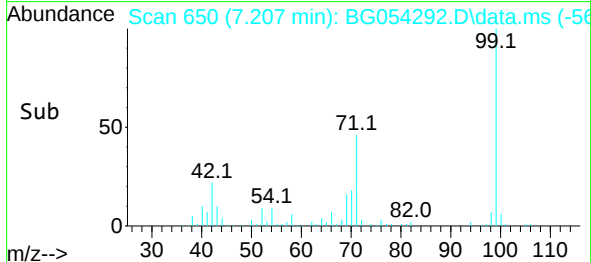
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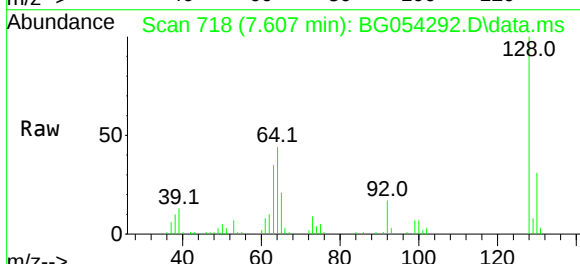
Tgt Ion: 99 Resp: 15094
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 45.8 33.8 50.8

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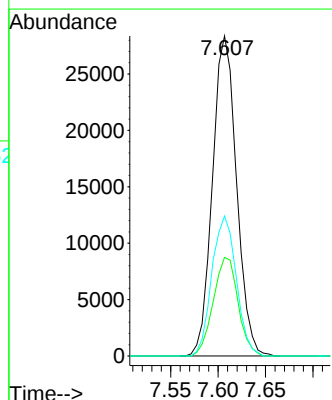
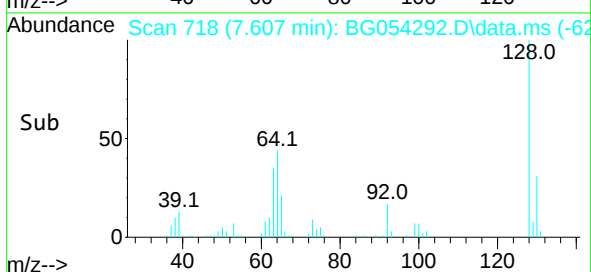
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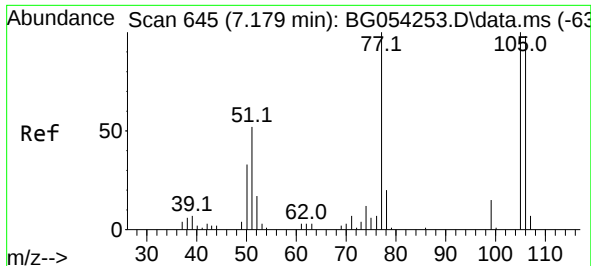


#8
2-Chlorophenol
Concen: 39.856 ng
RT: 7.607 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



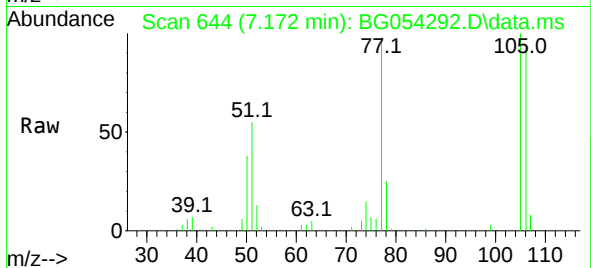
Tgt Ion:128 Resp: 50026
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 43.7 35.1 75.1





#9
Benzaldehyde
Concen: 27.534 ng m
RT: 7.172 min Scan# 644
Delta R.T. -0.007 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

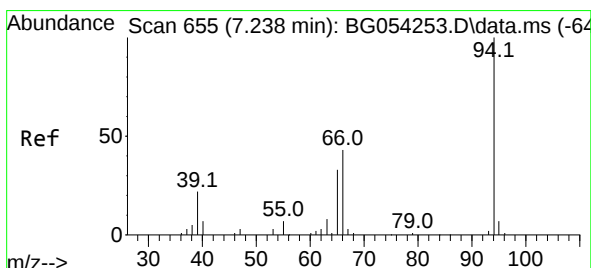
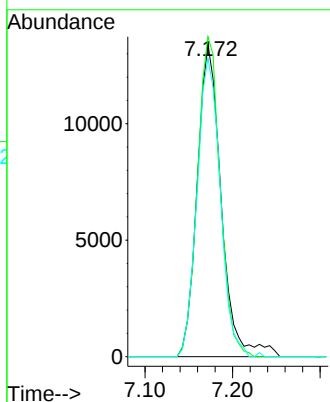
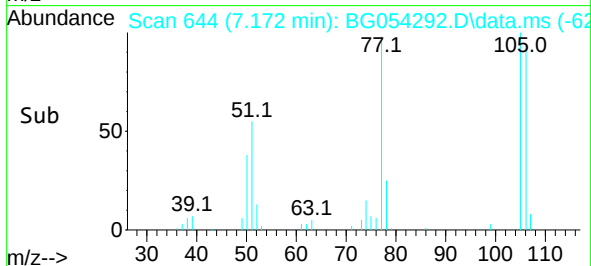
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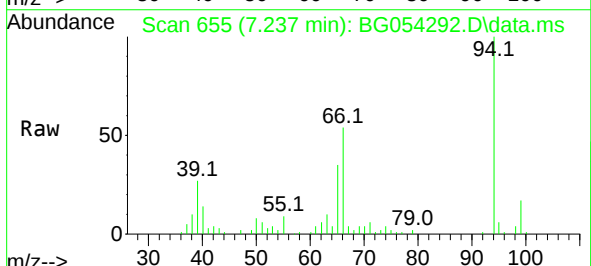
Tgt Ion: 77 Resp: 25538
Ion Ratio Lower Upper
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105 102.5 59.6 99.6
106 95.6 56.8 96.8

Manual Integrations
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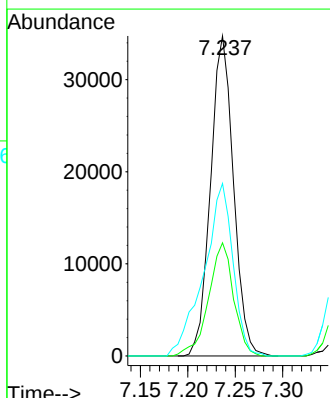
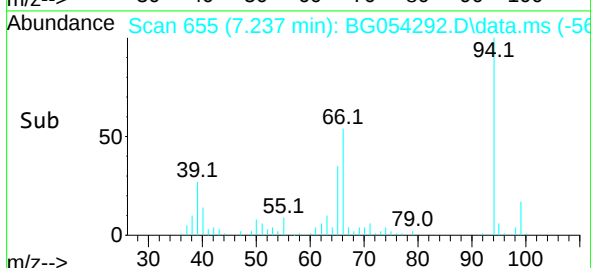
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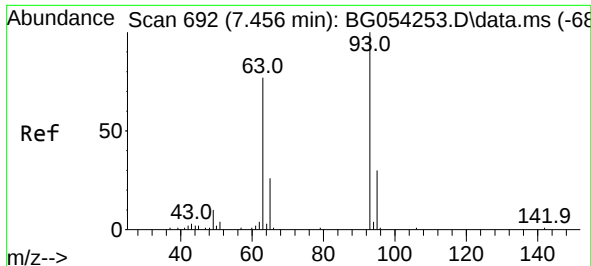


#10
Phenol
Concen: 37.492 ng
RT: 7.237 min Scan# 655
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion: 94 Resp: 58425
Ion Ratio Lower Upper
94 100
65 35.3 14.8 54.8
66 53.9 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 33.377 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

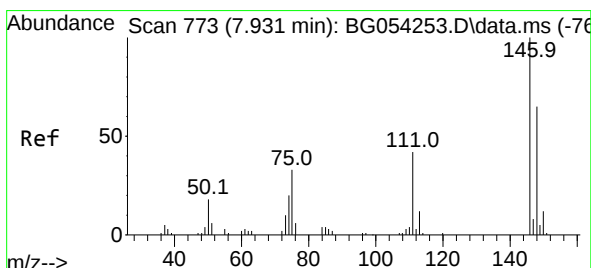
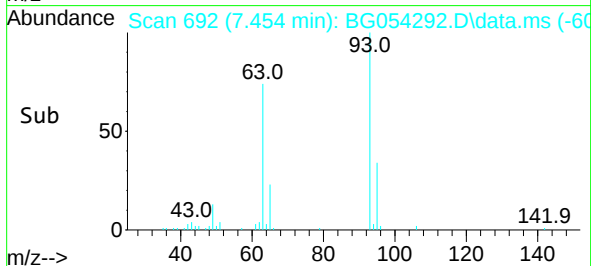
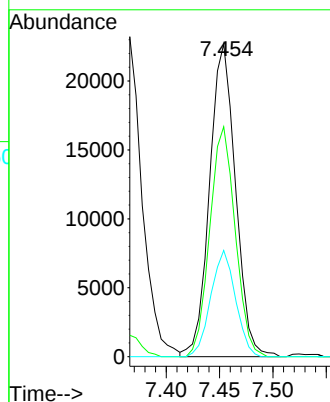
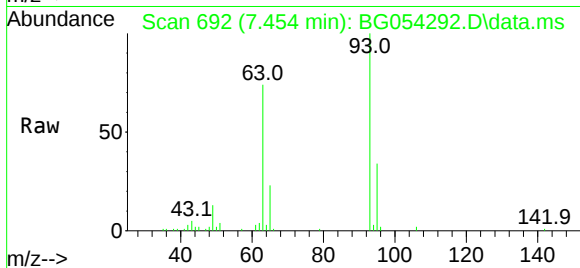
ClientSampleId :

72-12016MSD

Tgt Ion: 93 Resp: 3835
Ion Ratio Lower Upper
93 100
63 73.5 63.6 103.6
95 34.0 10.1 50.1

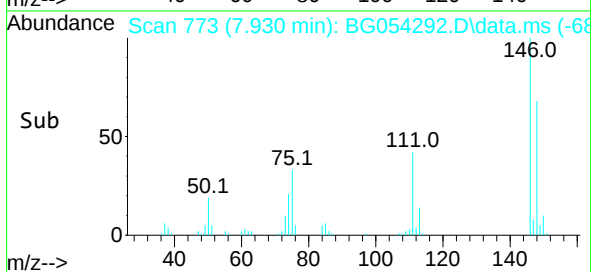
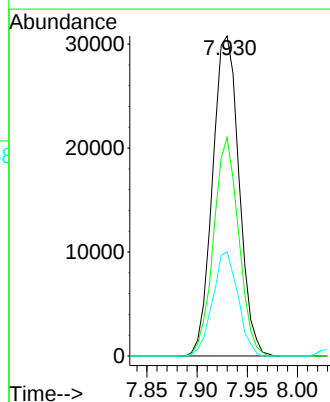
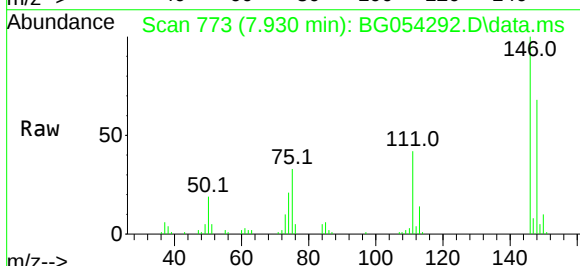
Manual Integrations
APPROVED

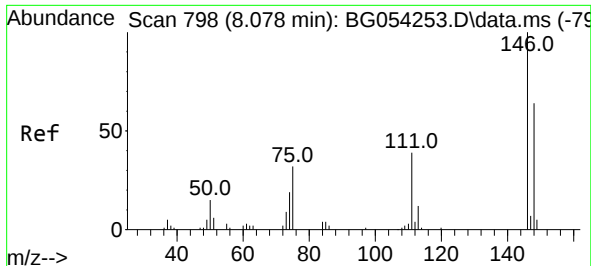
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#12
1,3-Dichlorobenzene
Concen: 37.044 ng
RT: 7.930 min Scan# 773
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

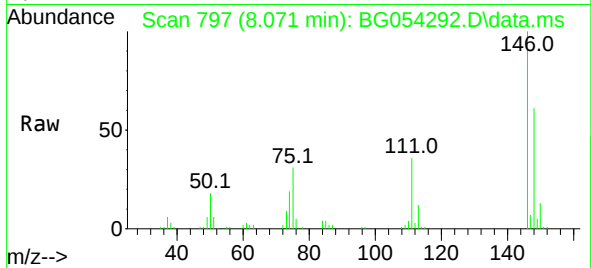
Tgt Ion:146 Resp: 56457
Ion Ratio Lower Upper
146 100
148 68.3 46.1 69.1
75 32.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 37.122 ng
RT: 8.071 min Scan# 798
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

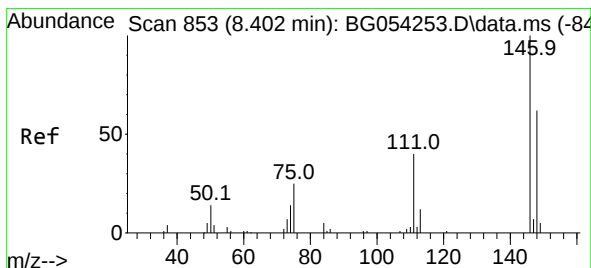
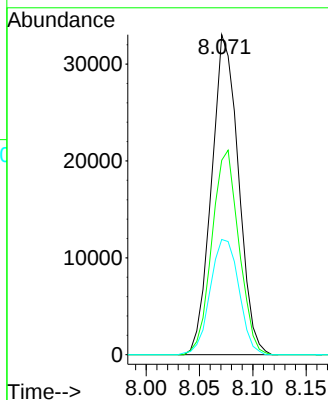
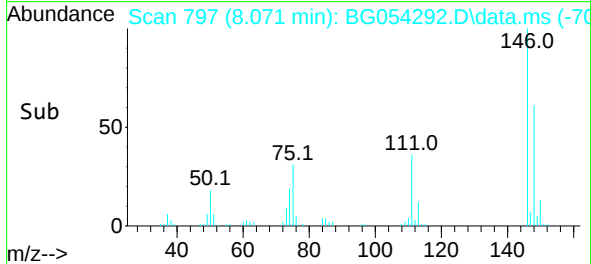
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



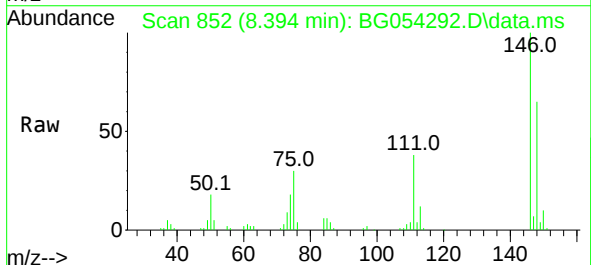
Tgt Ion:146 Resp: 57970
Ion Ratio Lower Upper
146 100
148 60.8 51.5 77.3
111 36.0 33.9 50.9

Manual Integrations
APPROVED

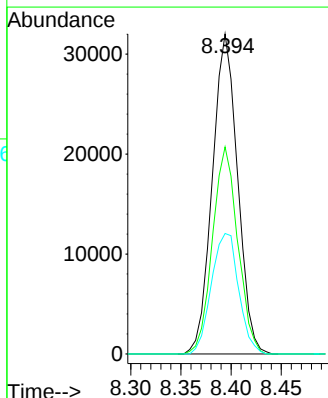
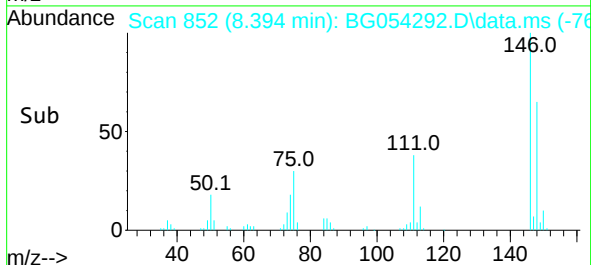
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

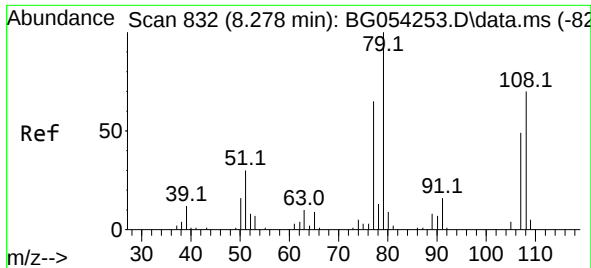


#14
1,2-Dichlorobenzene
Concen: 37.339 ng
RT: 8.394 min Scan# 852
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:146 Resp: 55996
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
111 37.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 38.680 ng
RT: 8.276 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

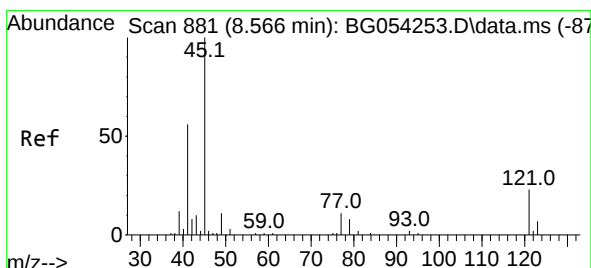
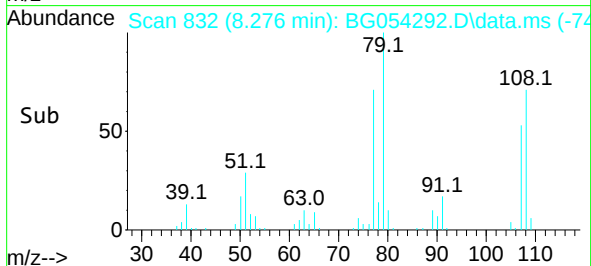
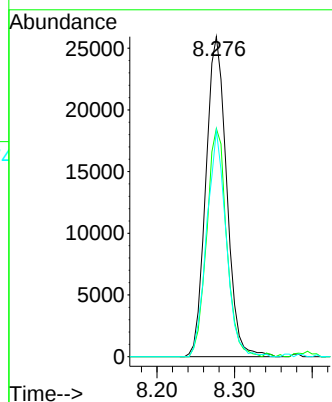
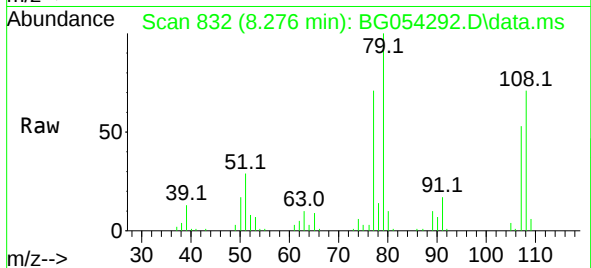
ClientSampleId :

72-12016MSD

Tgt Ion: 79 Resp: 4816
Ion Ratio Lower Upper
79 100
108 71.3 53.7 80.5
77 70.8 52.2 78.4

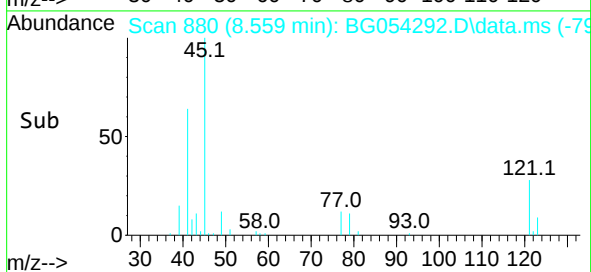
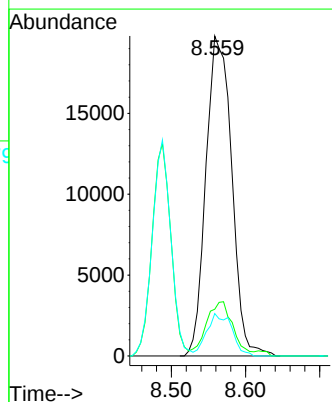
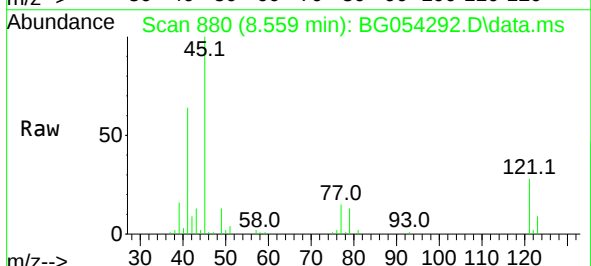
Manual Integrations
APPROVED

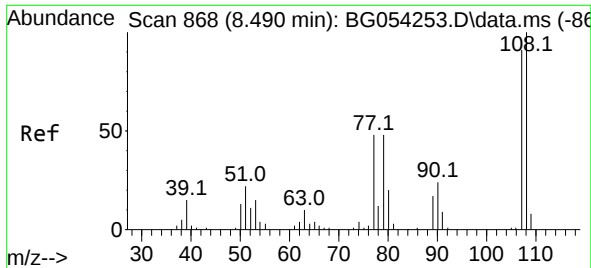
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.966 ng
RT: 8.559 min Scan# 880
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion: 45 Resp: 47819
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.7
79 13.2 0.0 29.7





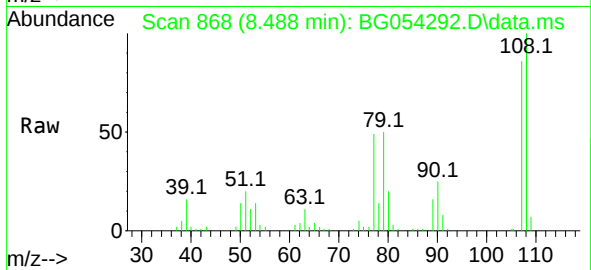
#17
2-Methylphenol
Concen: 36.530 ng
RT: 8.488 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

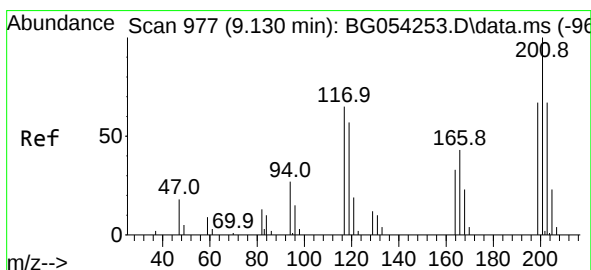
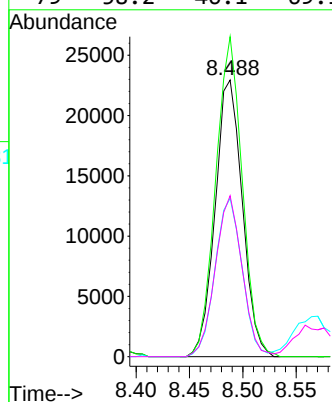


Tgt Ion:107 Resp: 4067
Ion Ratio Lower Upper
107 100
108 115.7 85.4 128.0
77 57.2 46.2 69.2
79 58.2 46.1 69.1

Manual Integrations

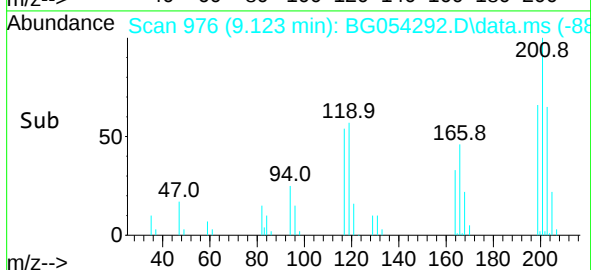
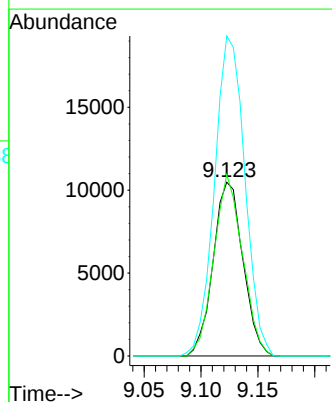
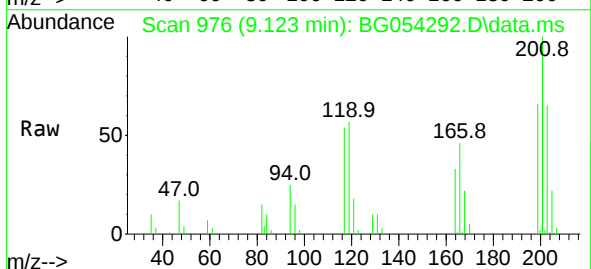
APPROVED

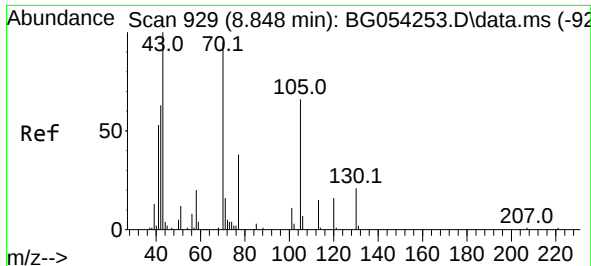
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#18
Hexachloroethane
Concen: 35.992 ng
RT: 9.123 min Scan# 976
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:117 Resp: 19125
Ion Ratio Lower Upper
117 100
119 104.4 75.0 112.6
201 184.2 89.0 133.6#





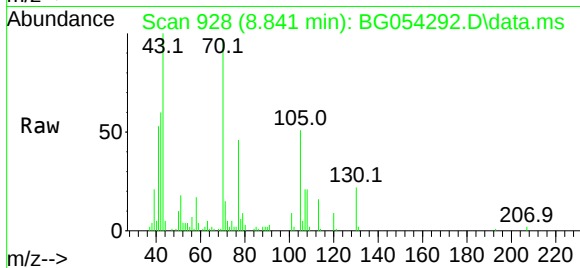
#19
n-Nitroso-di-n-propylamine
Concen: 33.019 ng
RT: 8.841 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

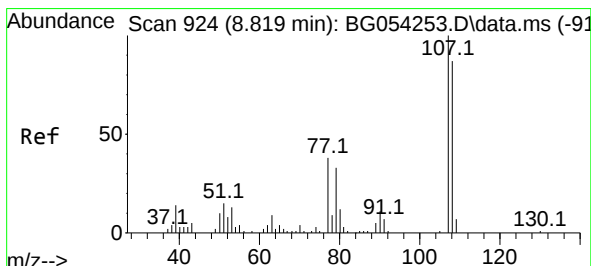
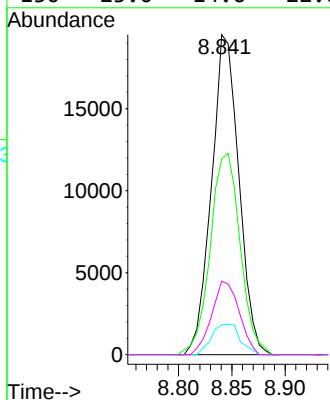
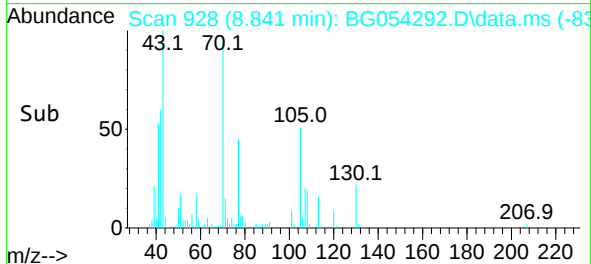
72-12016MSD



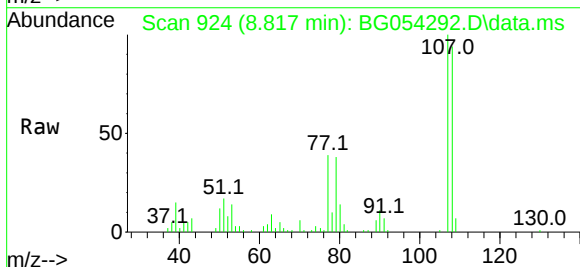
Tgt Ion: 70 Resp: 3481
Ion Ratio Lower Upper
70 100
42 61.2 47.3 70.9
101 9.4 7.0 10.4
130 23.0 14.6 22.0#

Manual Integrations
APPROVED

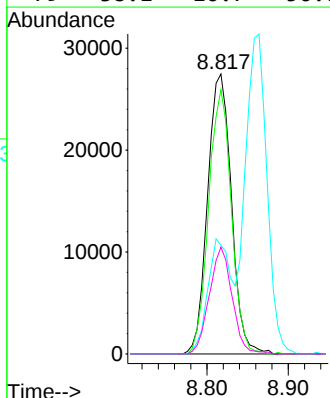
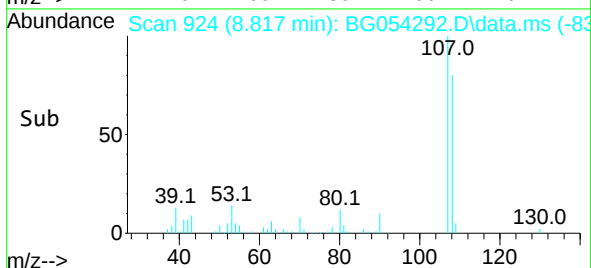
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

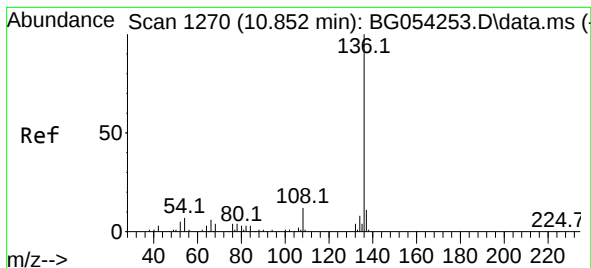


#20
3+4-Methylphenols
Concen: 35.747 ng
RT: 8.817 min Scan# 924
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:107 Resp: 55845
Ion Ratio Lower Upper
107 100
108 94.4 67.5 107.5
77 38.8 20.3 60.3
79 38.1 16.7 56.7





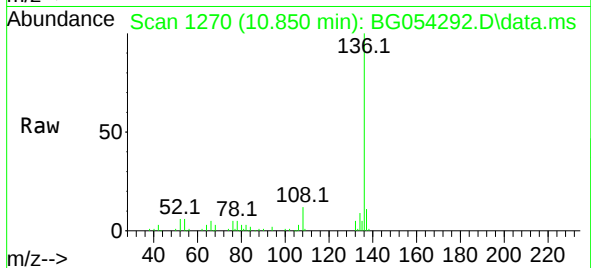
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.850 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

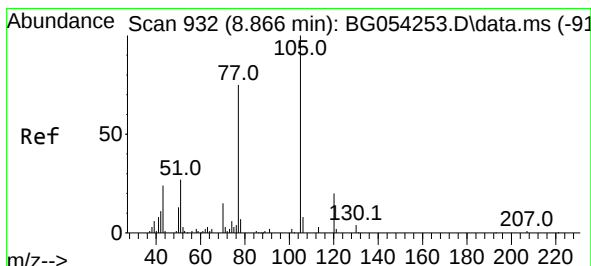
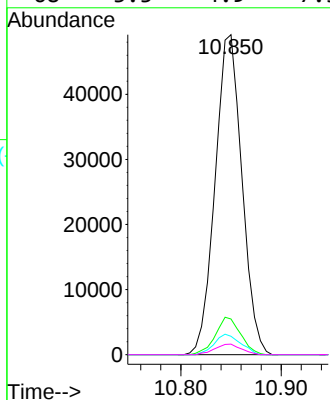
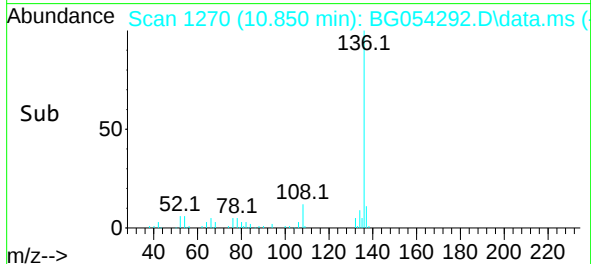


Tgt Ion:136 Resp: 91278
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 5.8 7.4 11.2
68 3.3 4.9 7.3#

Manual Integrations

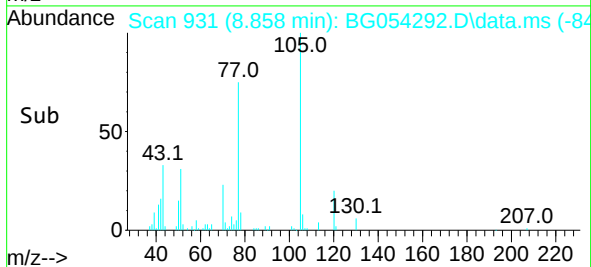
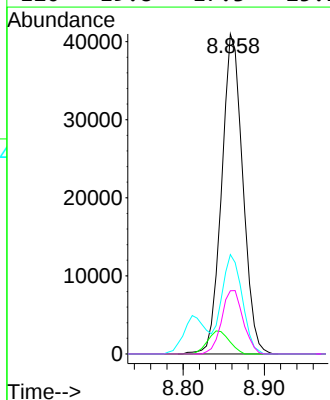
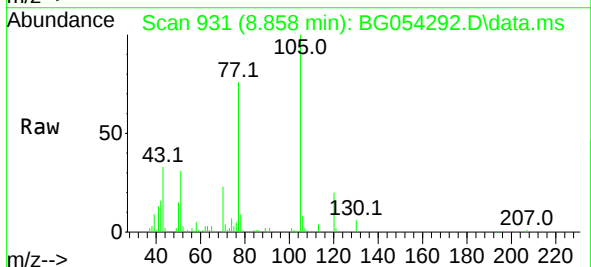
APPROVED

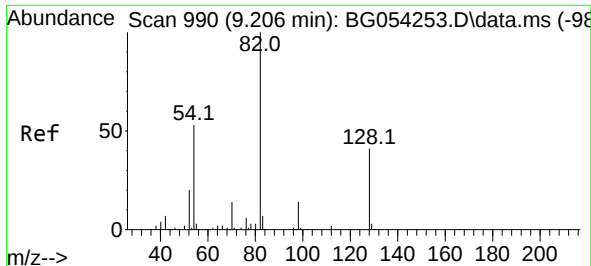
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 33.541 ng
RT: 8.858 min Scan# 931
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

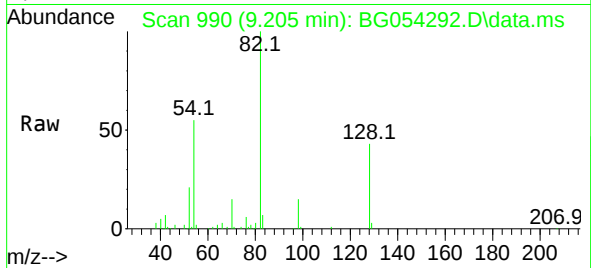
Tgt Ion:105 Resp: 73989
Ion Ratio Lower Upper
105 100
71 3.7 1.1 1.7#
51 31.1 25.4 38.0
120 19.8 17.3 25.9





#23
Nitrobenzene-d5
Concen: 58.743 ng
RT: 9.205 min Scan# 990
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

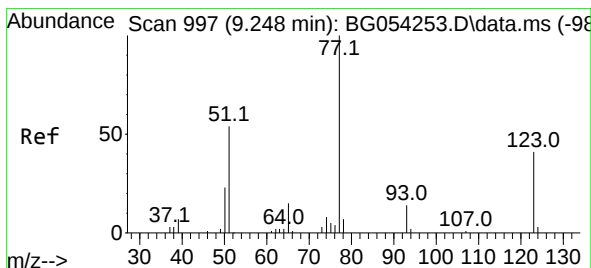
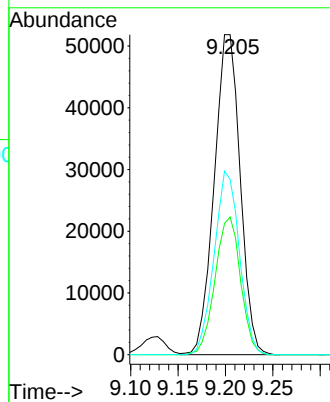
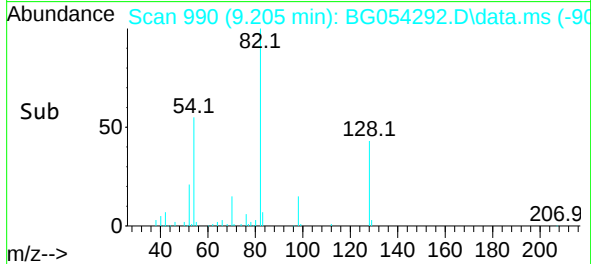
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



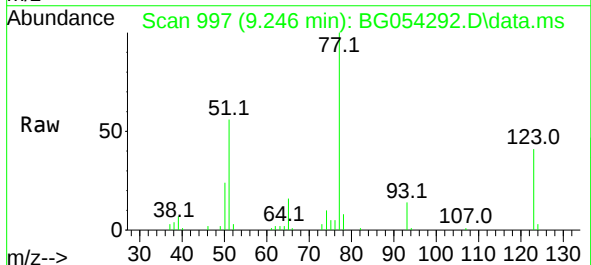
Tgt Ion: 82 Resp: 9880
Ion Ratio Lower Upper
82 100
128 43.1 27.9 41.9
54 54.8 41.2 61.8

Manual Integrations
APPROVED

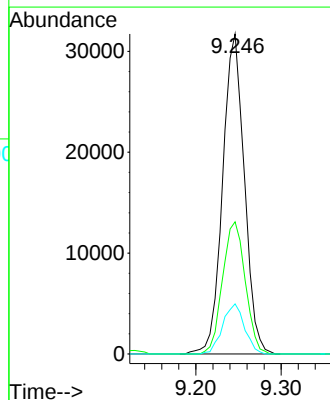
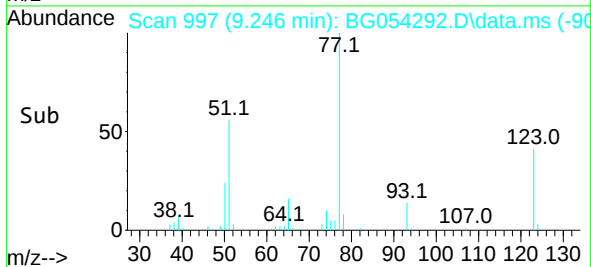
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

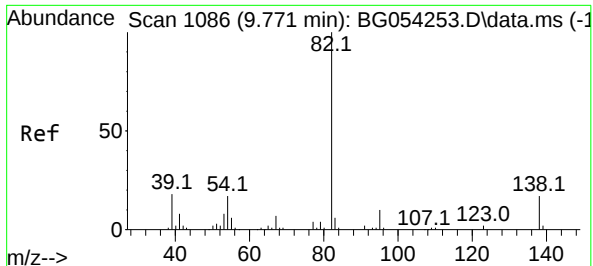


#24
Nitrobenzene
Concen: 33.925 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion: 77 Resp: 56098
Ion Ratio Lower Upper
77 100
123 41.3 27.4 41.0
65 15.6 11.4 17.0





#25
Isophorone
Concen: 32.593 ng
RT: 9.769 min Scan# 1086
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

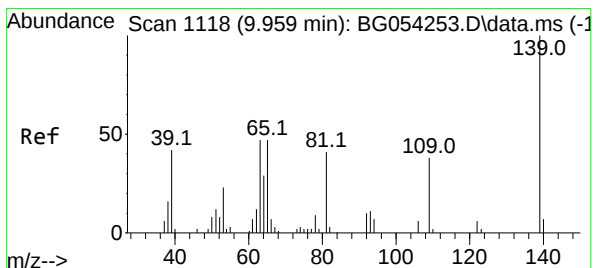
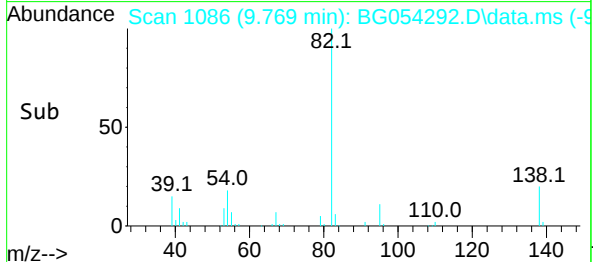
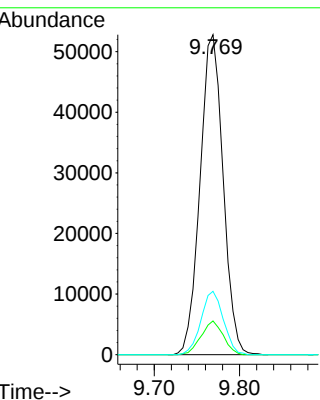
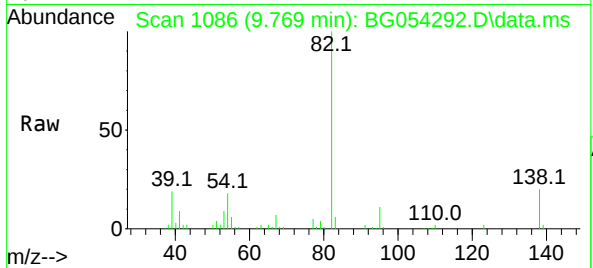
72-12016MSD

Tgt Ion: 82 Resp: 99172
Ion Ratio Lower Upper
82 100
95 10.6 6.2 9.4
138 19.8 11.6 17.4

Manual Integrations

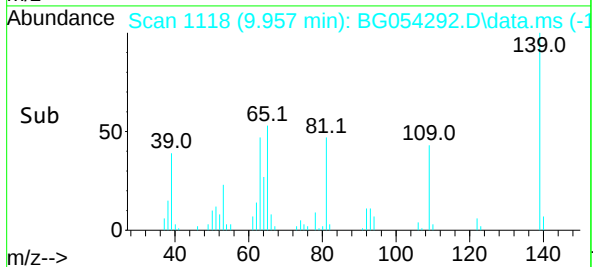
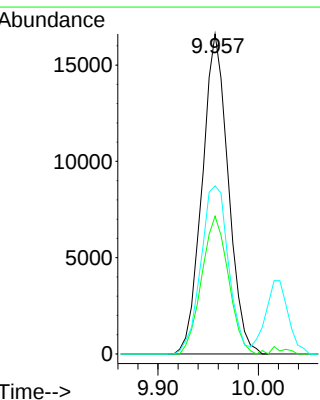
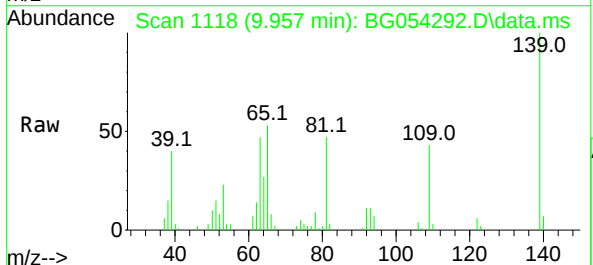
APPROVED

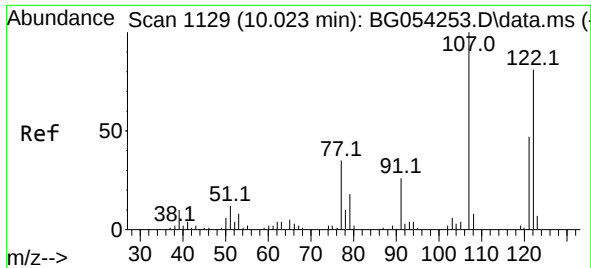
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#26
2-Nitrophenol
Concen: 36.767 ng
RT: 9.957 min Scan# 1118
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:139 Resp: 29953
Ion Ratio Lower Upper
139 100
109 43.1 36.1 54.1
65 52.5 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 41.505 ng
RT: 10.022 min Scan# 1129
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

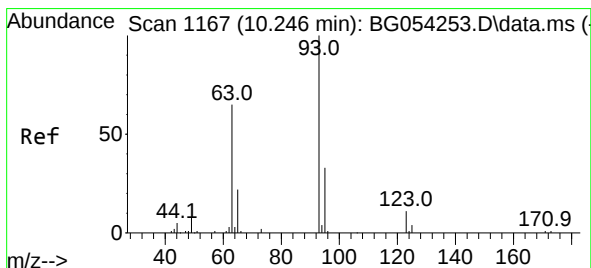
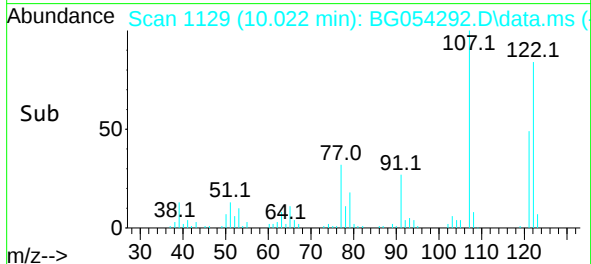
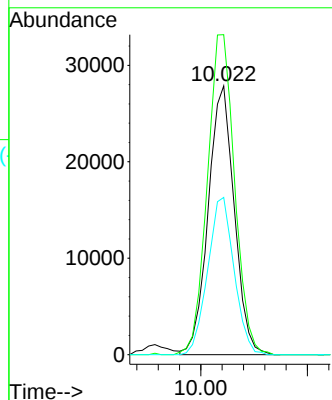
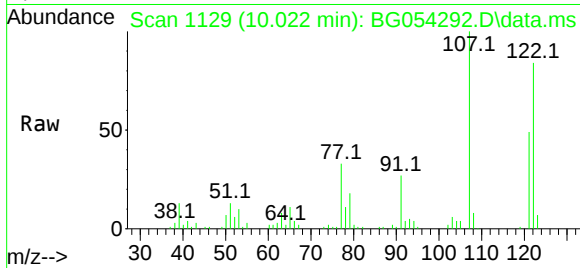
72-12016MSD

Tgt Ion:122 Resp: 47290
Ion Ratio Lower Upper
122 100
107 119.0 109.4 164.0
121 58.5 48.7 73.1

Manual Integrations

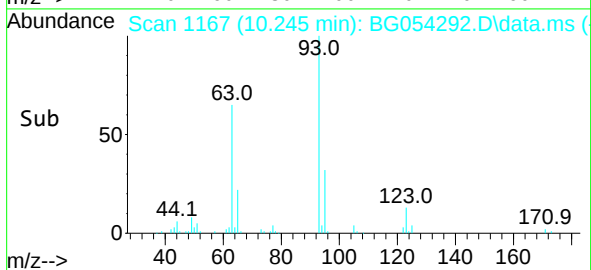
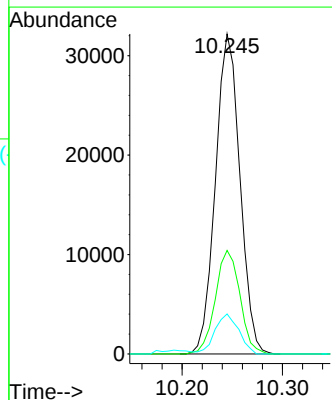
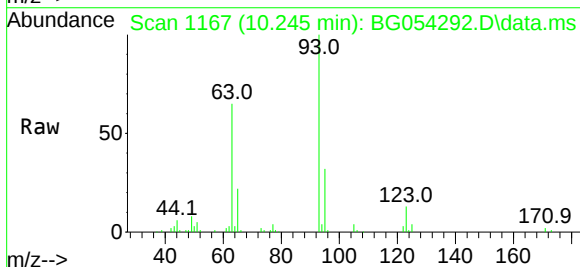
APPROVED

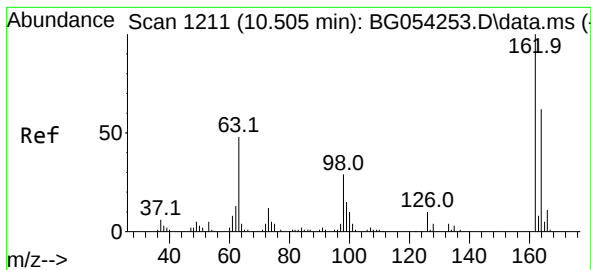
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 35.126 ng
RT: 10.245 min Scan# 1167
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion: 93 Resp: 54407
Ion Ratio Lower Upper
93 100
95 32.3 26.9 40.3
123 12.5 7.7 11.5#





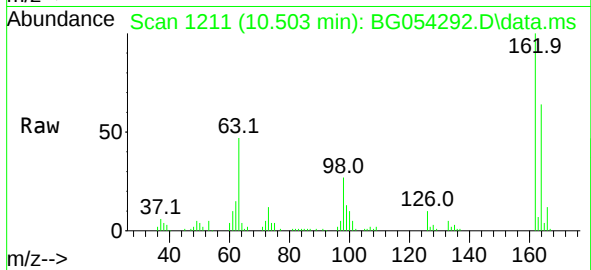
#29
2,4-Dichlorophenol
Concen: 38.360 ng
RT: 10.503 min Scan# 1211
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

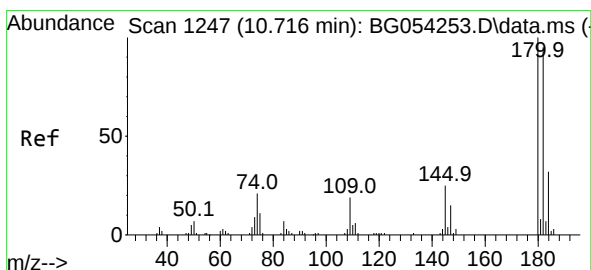
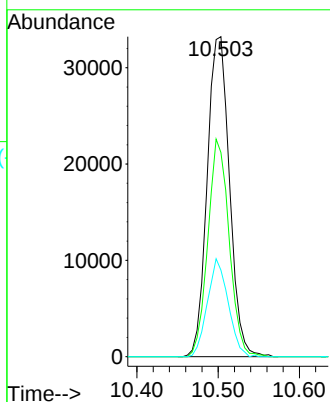
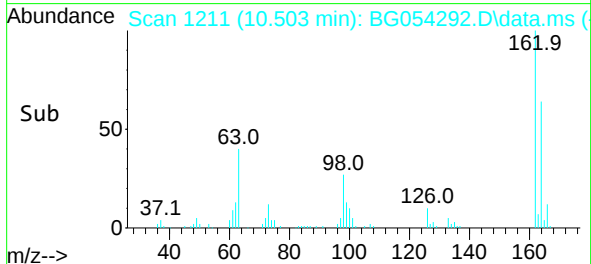


Tgt Ion:162 Resp: 6335
Ion Ratio Lower Upper
162 100
164 63.8 46.6 86.6
98 27.1 22.8 62.8

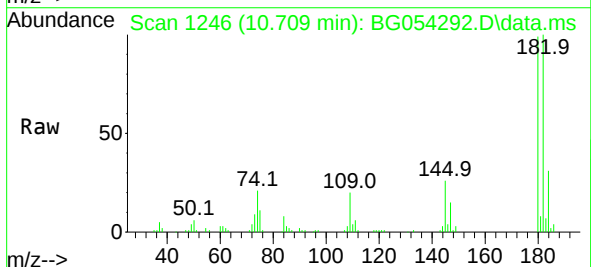
Manual Integrations

APPROVED

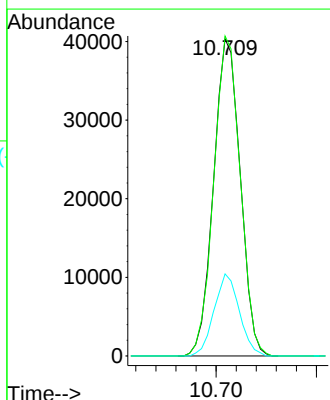
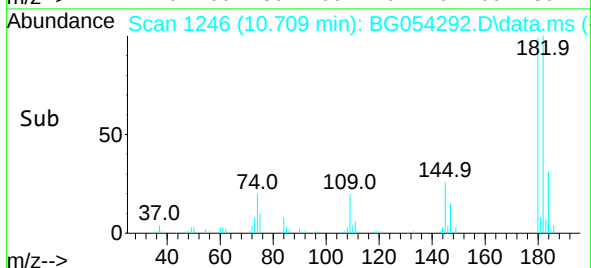
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

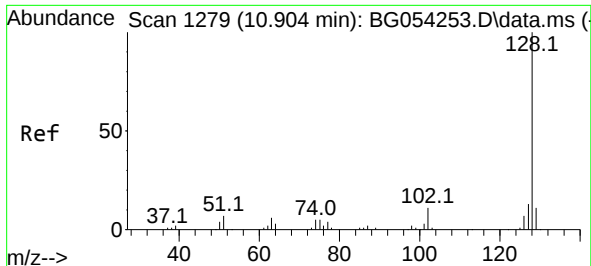


#30
1,2,4-Trichlorobenzene
Concen: 36.490 ng
RT: 10.709 min Scan# 1246
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



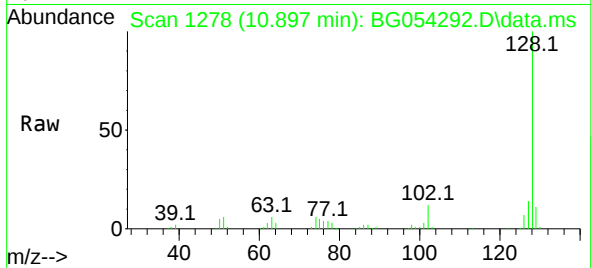
Tgt Ion:180 Resp: 74357
Ion Ratio Lower Upper
180 100
182 100.9 76.6 115.0
145 25.9 25.0 37.4





#31
Naphthalene
Concen: 33.874 ng
RT: 10.897 min Scan# 1157
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

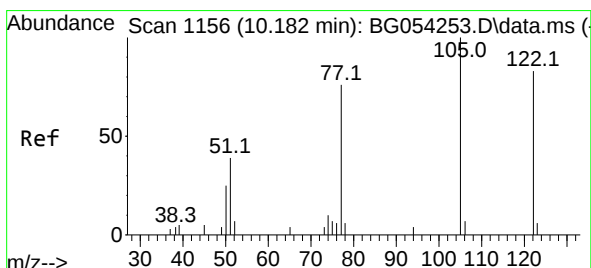
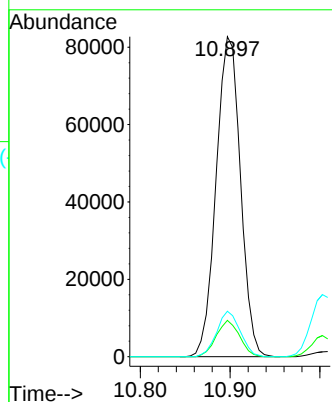
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:128 Resp: 155484
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.2 11.1 16.7

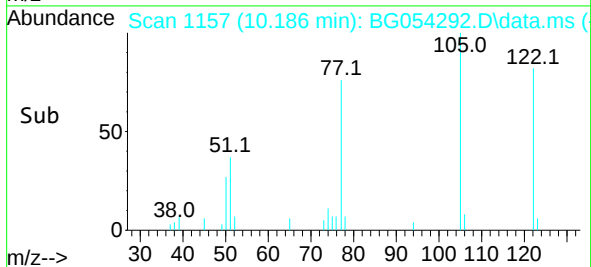
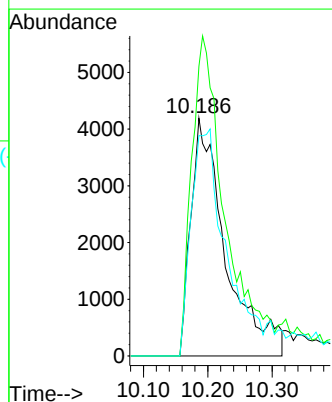
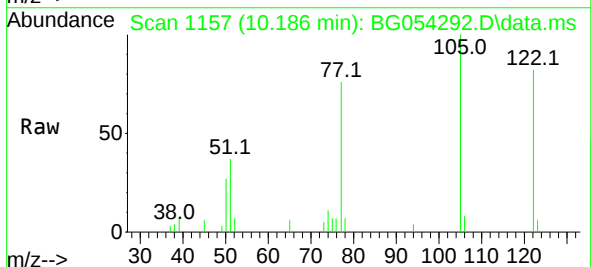
Manual Integrations
APPROVED

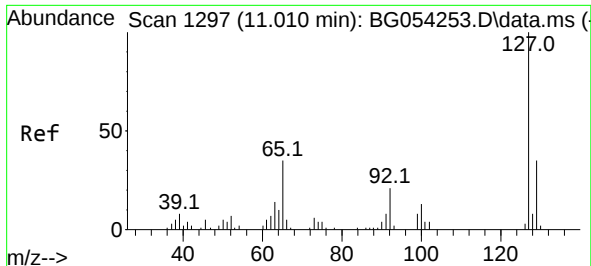
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#32
Benzoic acid
Concen: 32.189 ng m
RT: 10.186 min Scan# 1157
Delta R.T. 0.004 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:122 Resp: 15739
Ion Ratio Lower Upper
122 100
105 121.8 111.8 151.8
77 92.7 109.4 149.4#





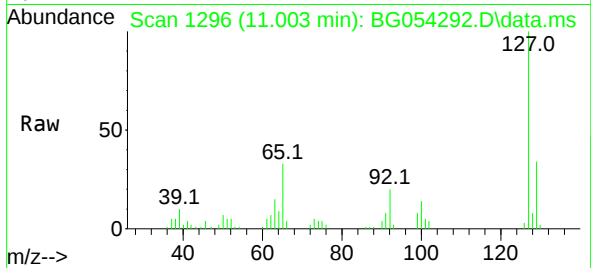
#33
4-Chloroaniline
Concen: 17.666 ng
RT: 11.003 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

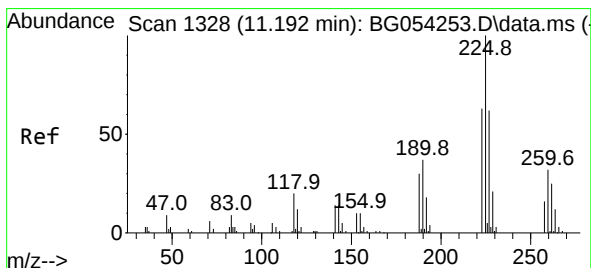
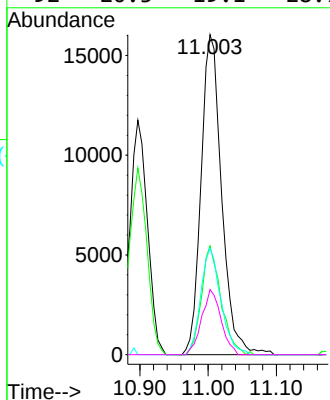
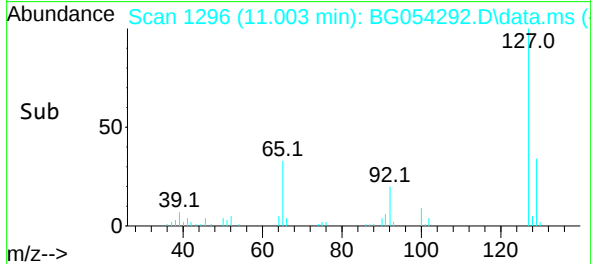


Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.3	39.5
65	33.3	31.1	46.7
92	20.3	19.1	28.7

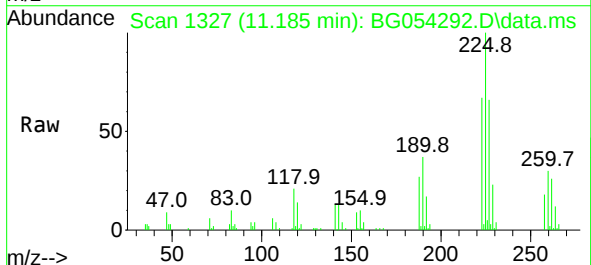
Manual Integrations

APPROVED

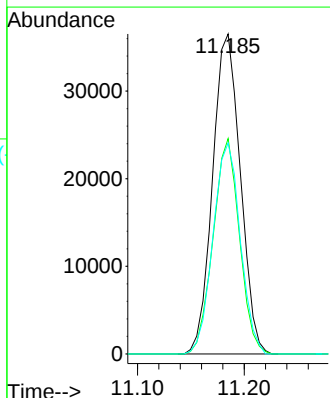
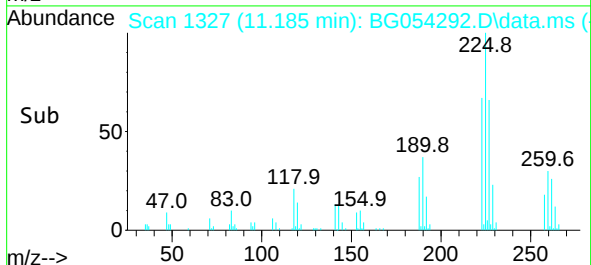
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

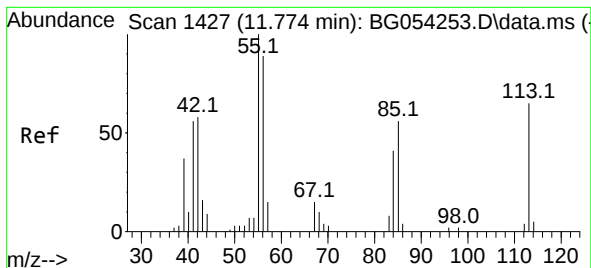


#34
Hexachlorobutadiene
Concen: 38.959 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	48.9	73.3
227	69.1	52.8	79.2





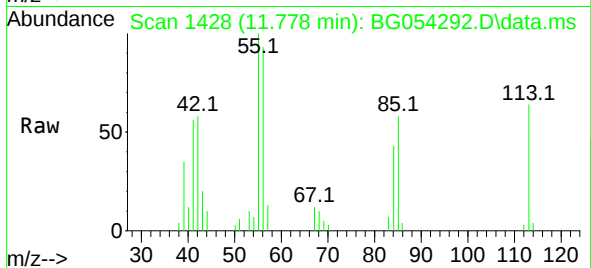
#35
Caprolactam
Concen: 32.612 ng m
RT: 11.778 min Scan# 1427
Delta R.T. 0.004 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

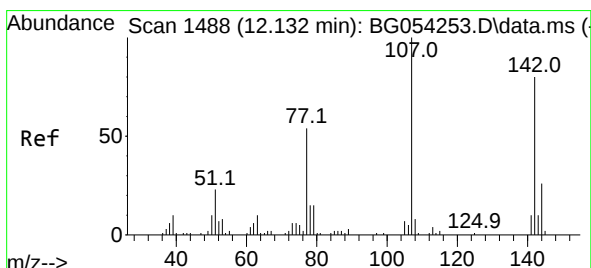
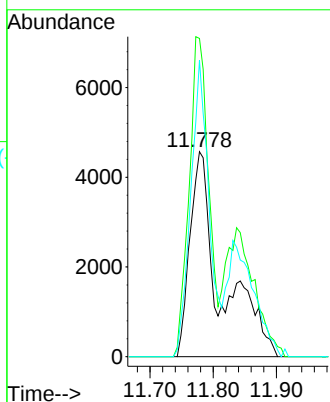
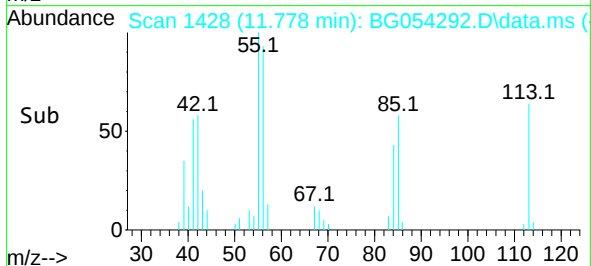


Tgt Ion:113 Resp: 15339
Ion Ratio Lower Upper
113 100
55 155.2 169.8 209.8
56 144.7 141.2 181.2

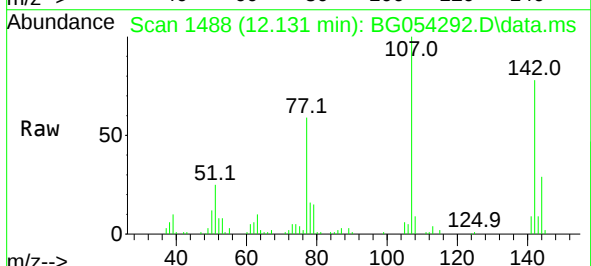
Manual Integrations

APPROVED

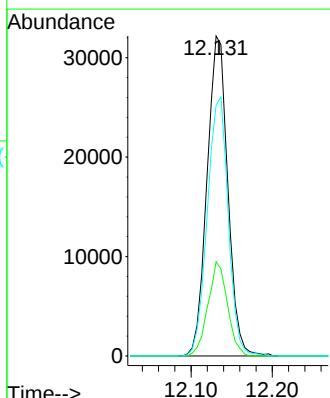
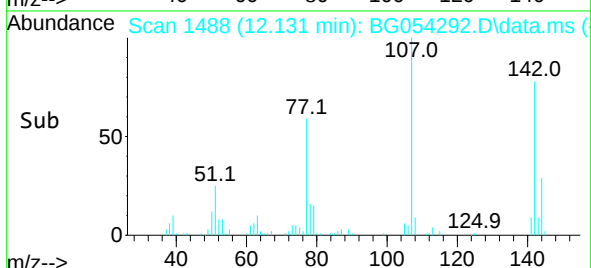
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

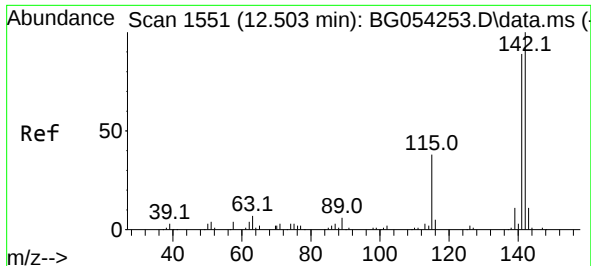


#36
4-Chloro-3-methylphenol
Concen: 35.943 ng
RT: 12.131 min Scan# 1488
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:107 Resp: 57112
Ion Ratio Lower Upper
107 100
144 29.5 18.5 27.7#
142 78.5 55.0 82.4





#37
2-Methylnaphthalene
Concen: 34.296 ng
RT: 12.501 min Scan# 1551
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

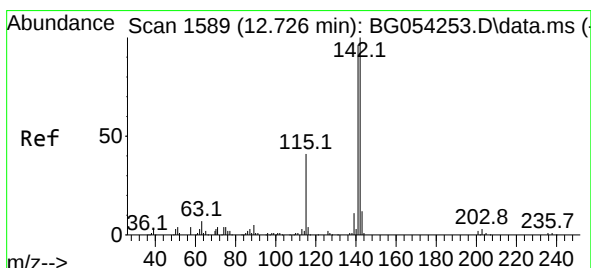
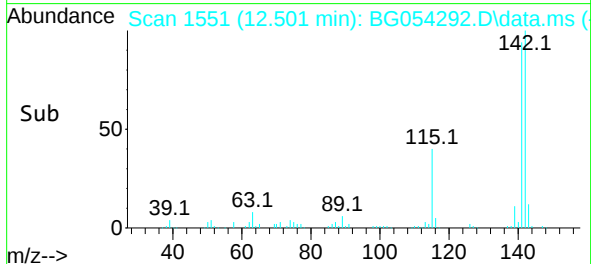
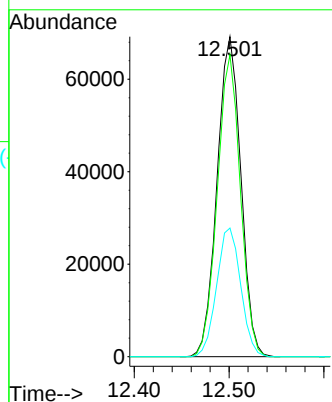
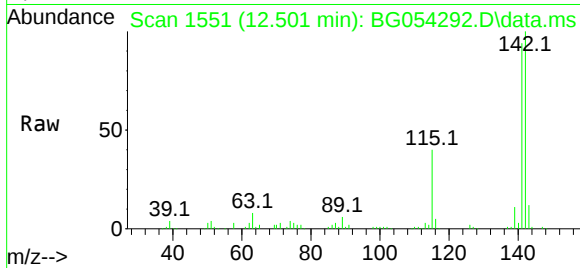
72-12016MSD

Tgt Ion:142 Resp: 120639
Ion Ratio Lower Upper
142 100
141 94.3 72.3 108.5
115 40.2 33.7 50.5

Manual Integrations

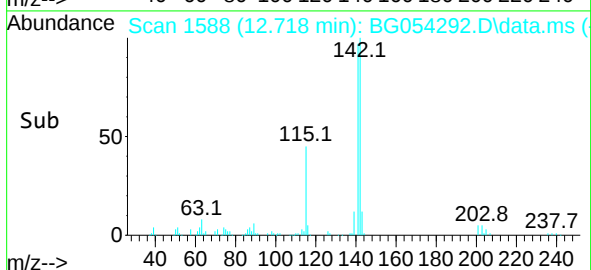
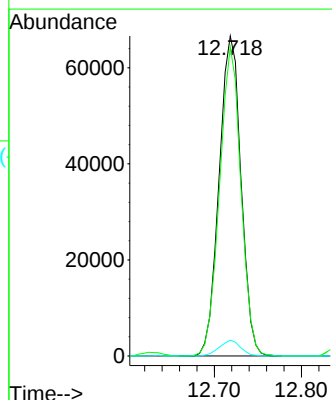
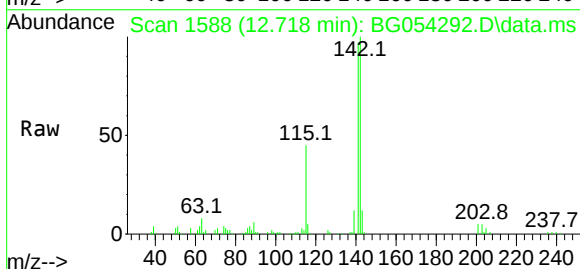
APPROVED

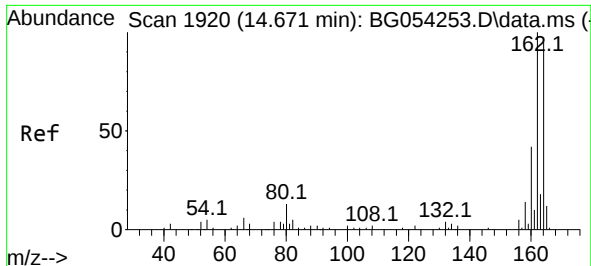
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#38
1-Methylnaphthalene
Concen: 34.054 ng m
RT: 12.718 min Scan# 1588
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:142 Resp: 116302
Ion Ratio Lower Upper
142 100
141 96.6 76.4 114.6
116 4.9 3.3 4.9#





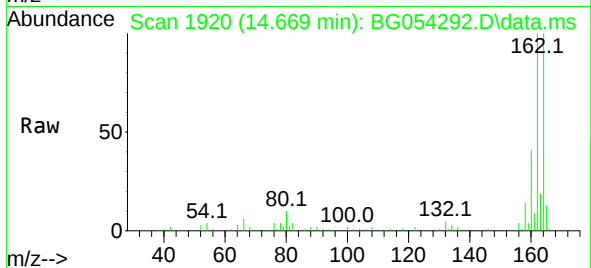
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

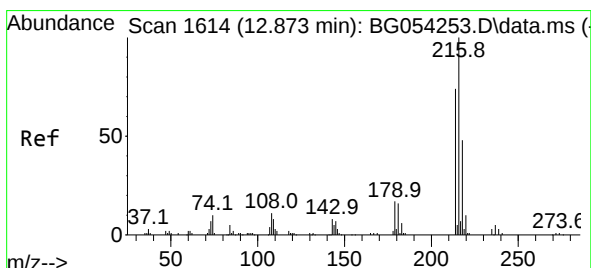
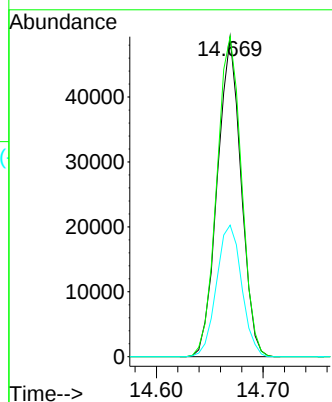
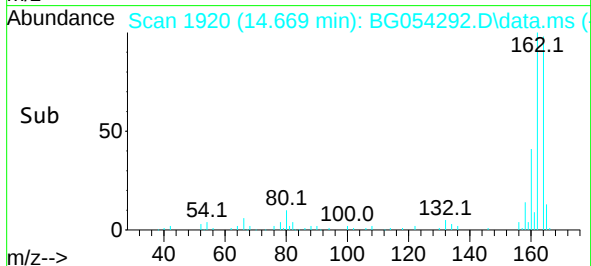


Tgt Ion:164 Resp: 75735
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 41.1 34.2 51.2

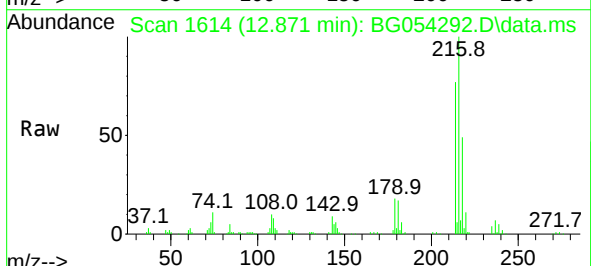
Manual Integrations

APPROVED

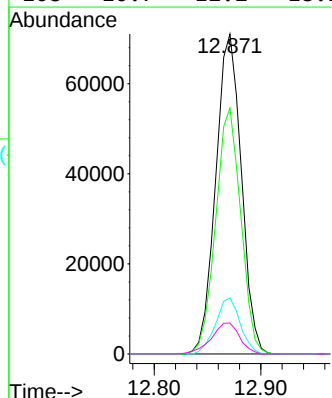
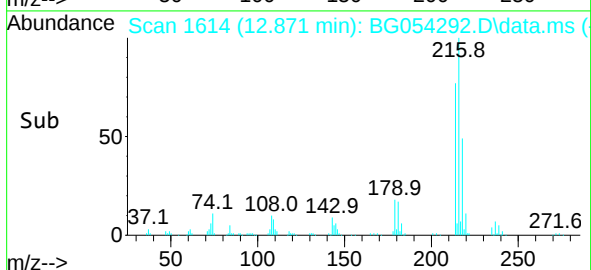
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

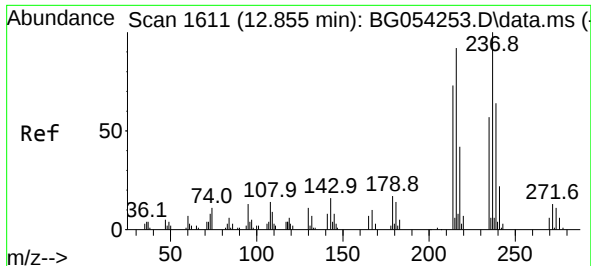


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.427 ng
RT: 12.871 min Scan# 1614
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:216 Resp: 118133
Ion Ratio Lower Upper
216 100
214 75.4 62.9 94.3
179 17.0 16.1 24.1
108 10.7 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 71.739 ng
RT: 12.848 min Scan# 1610
Delta R.T. -0.007 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

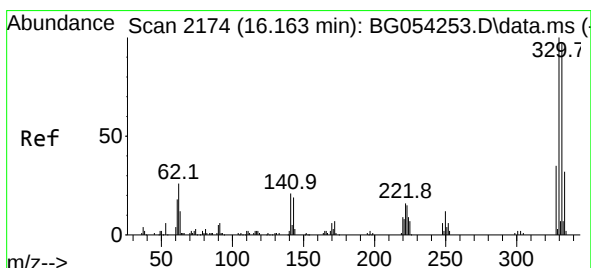
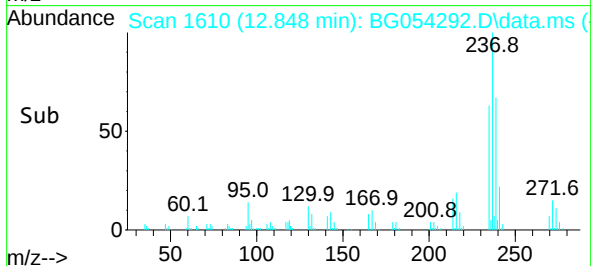
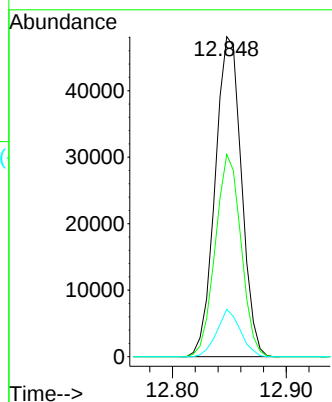
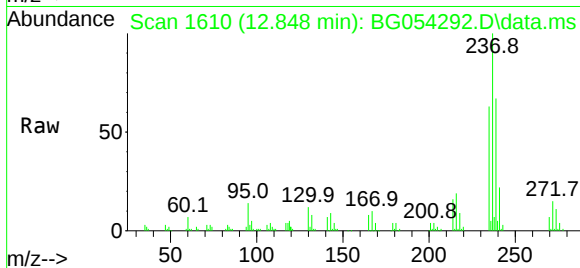
72-12016MSD

Tgt Ion:237 Resp: 77408
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 14.8 0.0 30.1

Manual Integrations

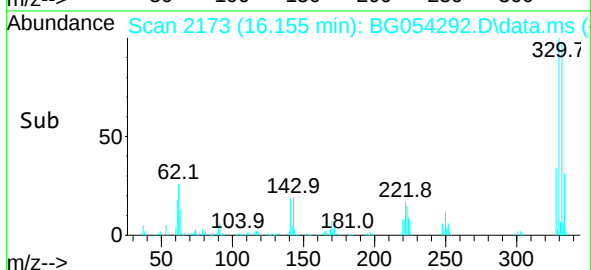
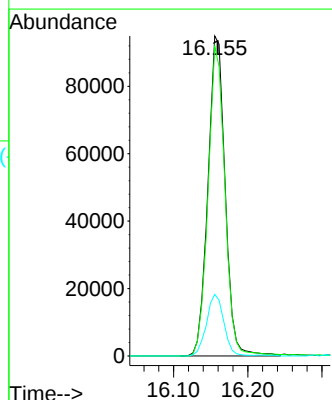
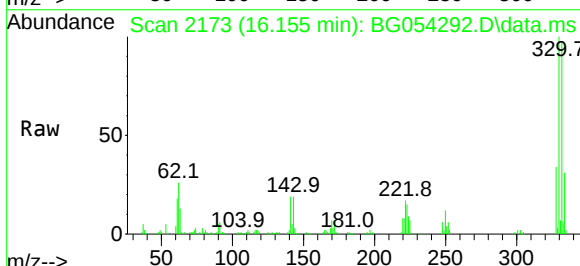
APPROVED

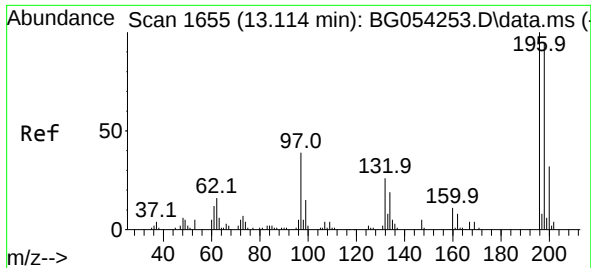
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#42
2,4,6-Tribromophenol
Concen: 104.300 ng
RT: 16.155 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:330 Resp: 153014
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 19.4 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 36.777 ng
RT: 13.106 min Scan# 1654
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

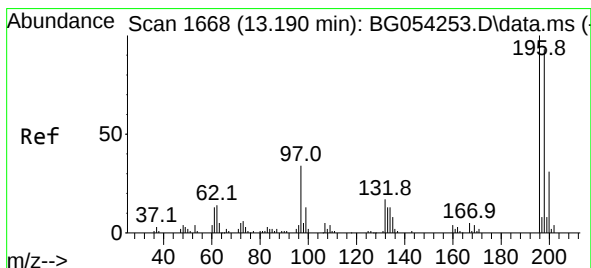
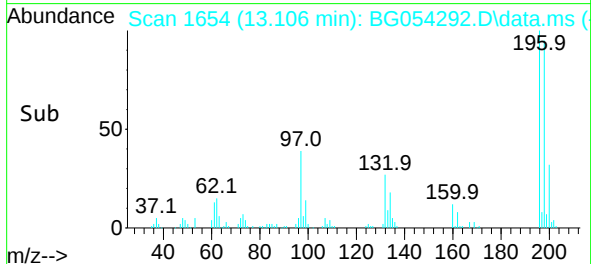
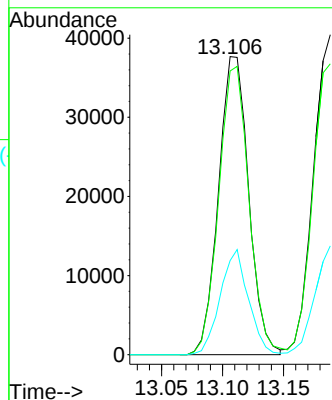
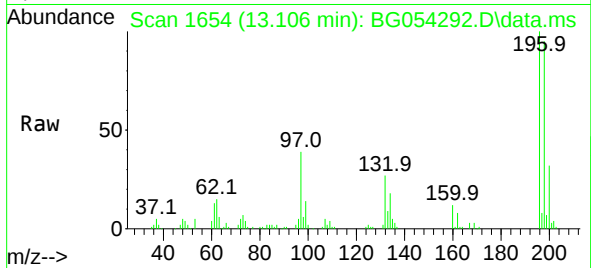
ClientSampleId :

72-12016MSD

Tgt Ion:196 Resp: 6493
Ion Ratio Lower Upper
196 100
198 95.2 74.1 111.1
200 31.6 24.7 37.1

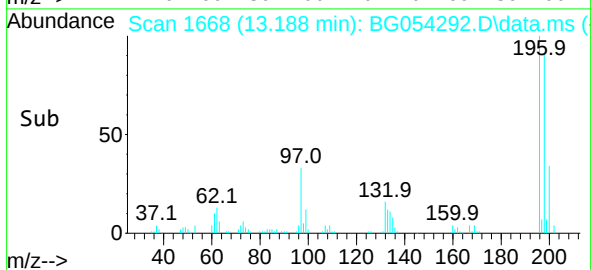
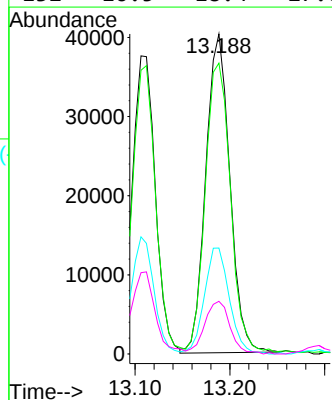
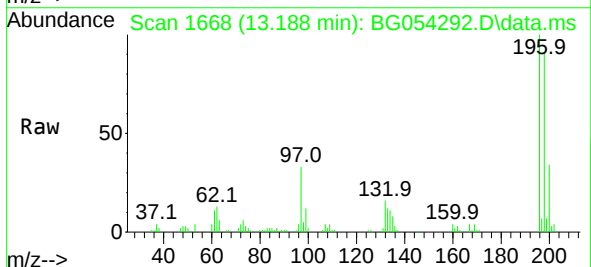
Manual Integrations
APPROVED

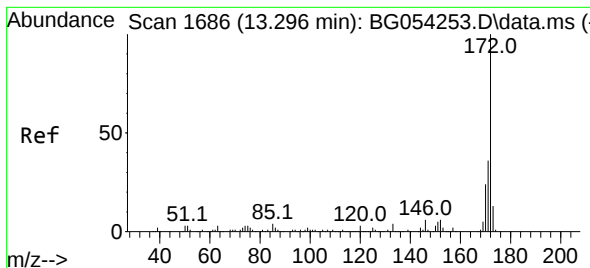
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#44
2,4,5-Trichlorophenol
Concen: 36.887 ng
RT: 13.188 min Scan# 1668
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:196 Resp: 71237
Ion Ratio Lower Upper
196 100
198 90.9 76.8 115.2
97 33.1 39.8 59.6#
132 16.5 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 63.372 ng
RT: 13.294 min Scan# 1686
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

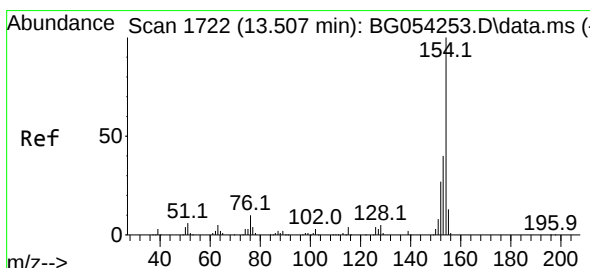
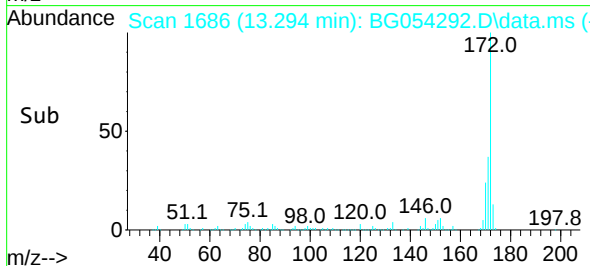
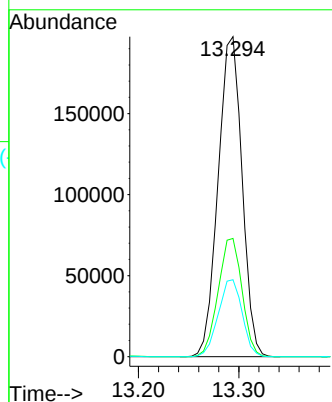
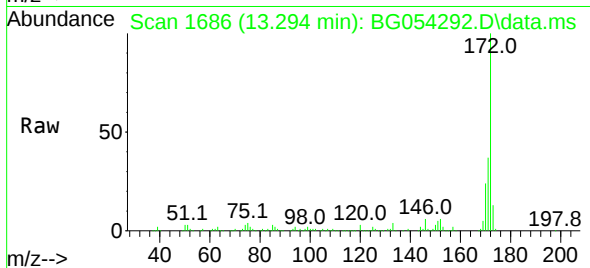
72-12016MSD

Tgt Ion:172 Resp: 32664
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.1 18.9 28.3

Manual Integrations

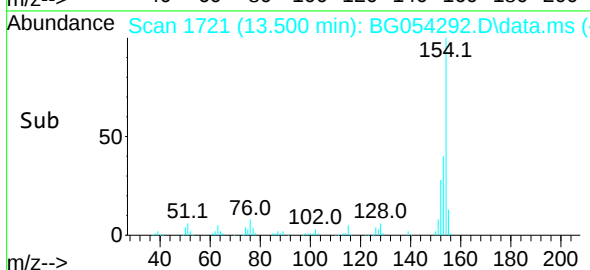
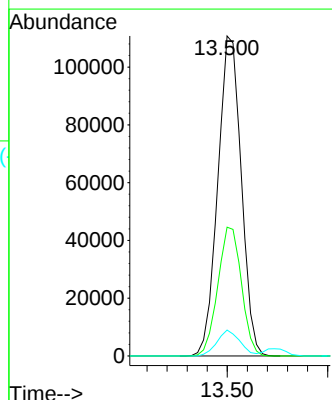
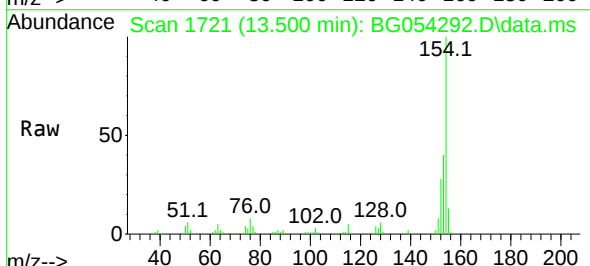
APPROVED

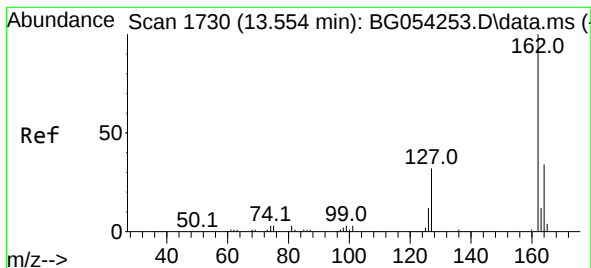
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#46
1,1'-Biphenyl
Concen: 35.190 ng
RT: 13.500 min Scan# 1721
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

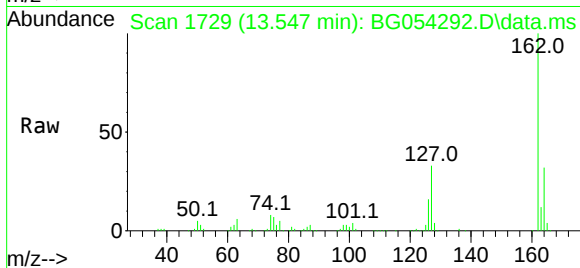
Tgt Ion:154 Resp: 179220
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 8.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 34.988 ng
RT: 13.547 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

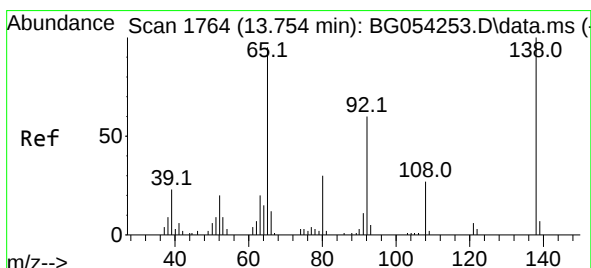
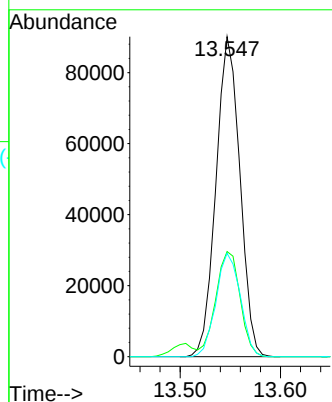
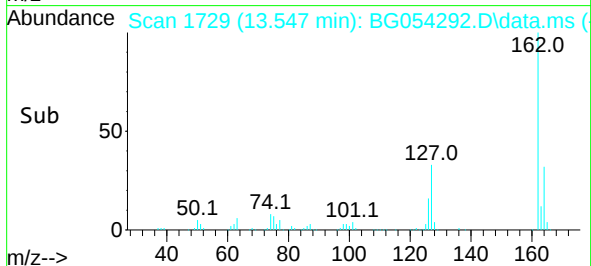
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:162 Resp: 14896
Ion Ratio Lower Upper
162 100
127 32.9 30.6 45.8
164 32.3 26.5 39.7

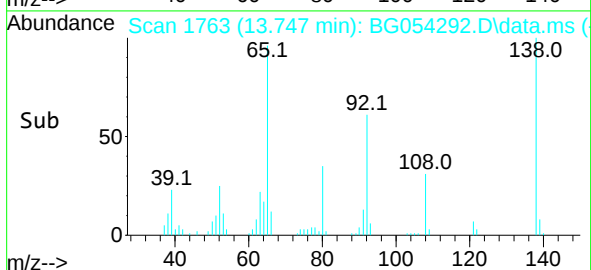
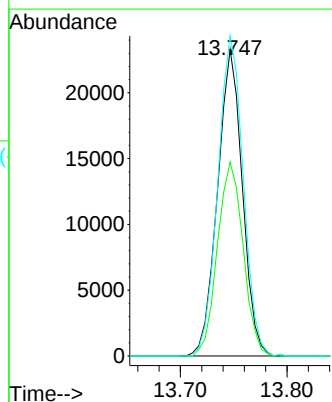
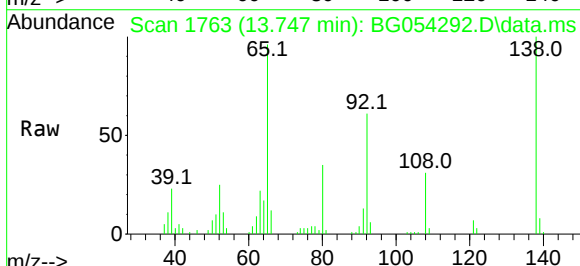
Manual Integrations
APPROVED

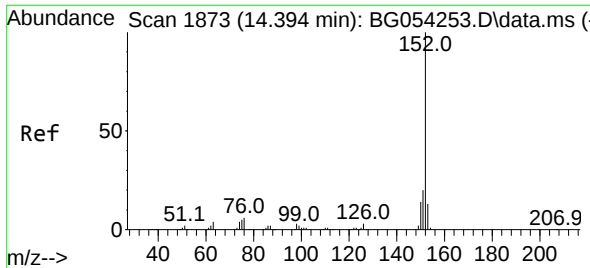
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#48
2-Nitroaniline
Concen: 31.214 ng
RT: 13.747 min Scan# 1763
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion: 65 Resp: 37613
Ion Ratio Lower Upper
65 100
92 63.2 51.5 77.3
138 104.3 71.3 106.9





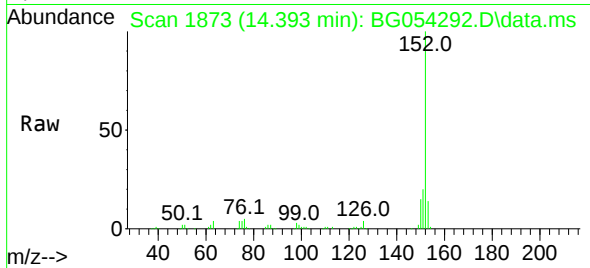
#49
Acenaphthylene
Concen: 34.209 ng
RT: 14.393 min Scan# 1873
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

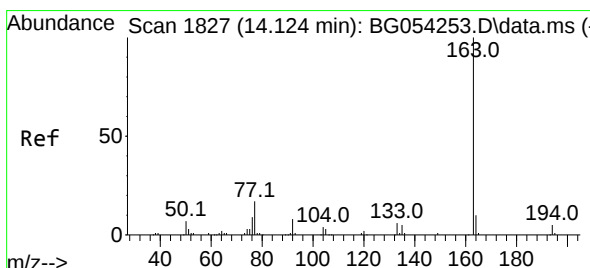
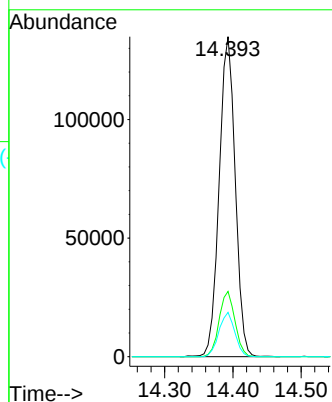
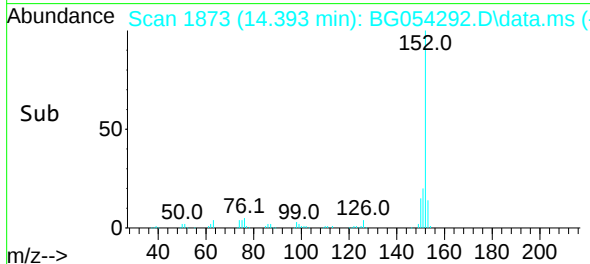


Tgt Ion:152 Resp: 22095
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.8 16.2

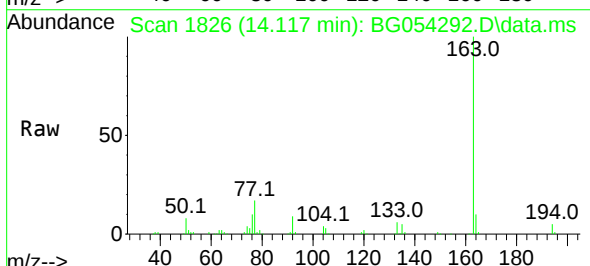
Manual Integrations

APPROVED

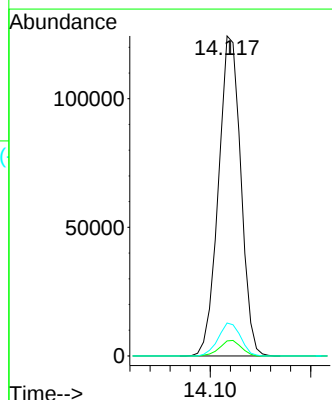
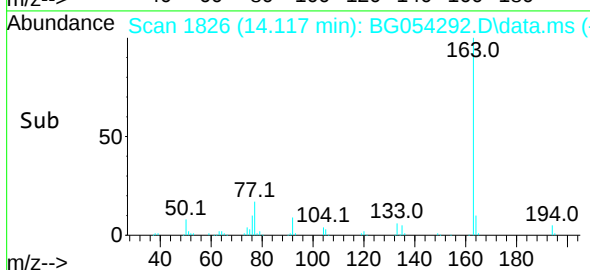
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

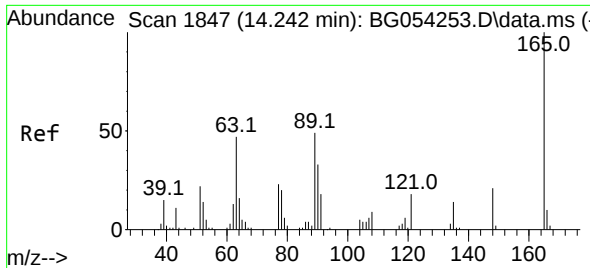


#50
Dimethylphthalate
Concen: 32.345 ng
RT: 14.117 min Scan# 1826
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:163 Resp: 192338
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 34.094 ng
RT: 14.240 min Scan# 1847
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

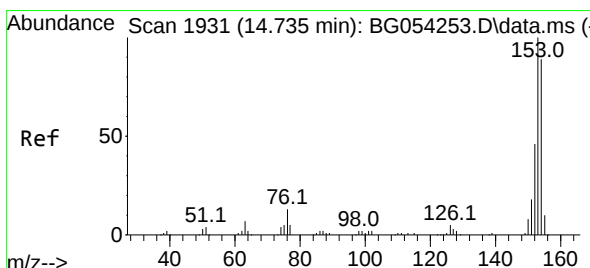
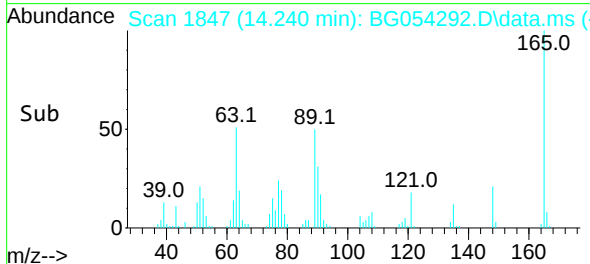
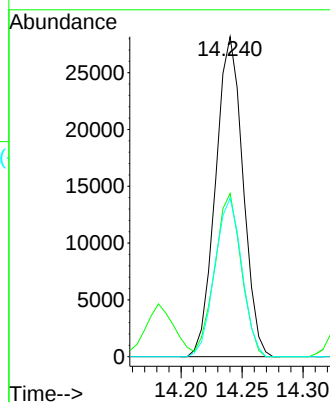
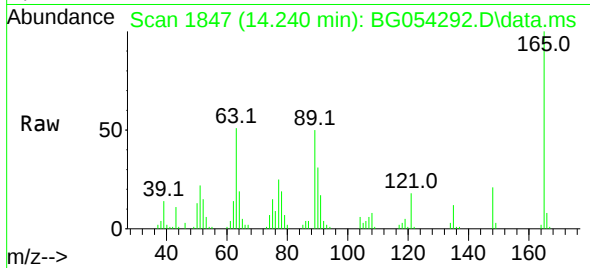
72-12016MSD

Tgt Ion:165 Resp: 44060
Ion Ratio Lower Upper
165 100
63 51.0 54.1 81.1
89 49.6 54.8 82.2

Manual Integrations

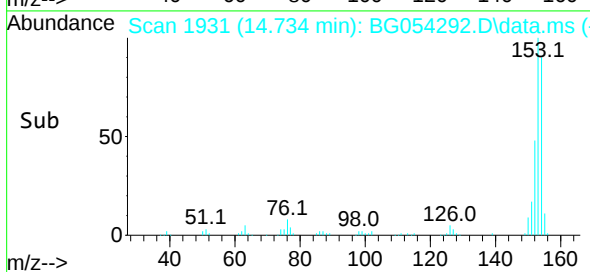
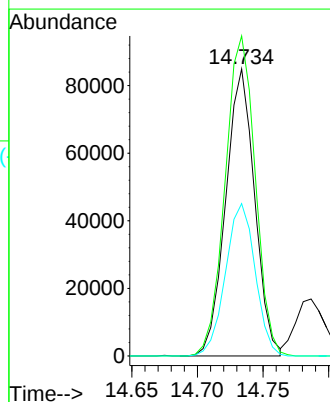
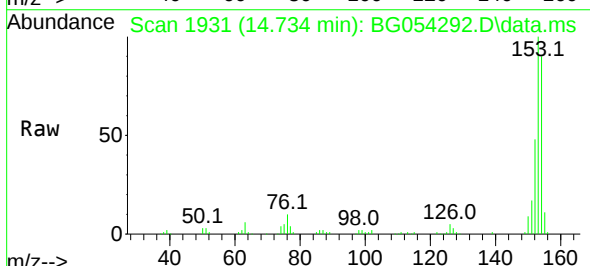
APPROVED

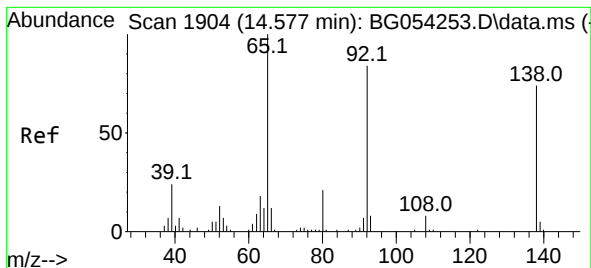
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#52
Acenaphthene
Concen: 33.321 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:154 Resp: 130174
Ion Ratio Lower Upper
154 100
153 111.5 92.7 139.1
152 53.1 42.6 64.0





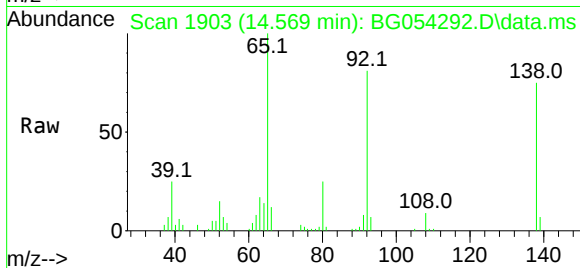
#53
3-Nitroaniline
Concen: 23.559 ng
RT: 14.569 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

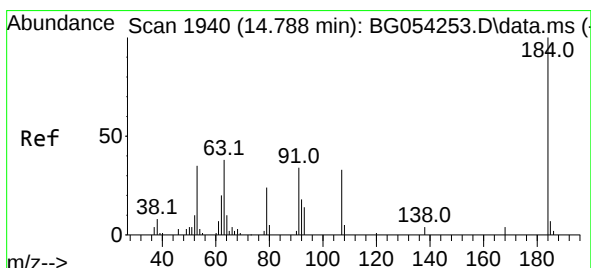
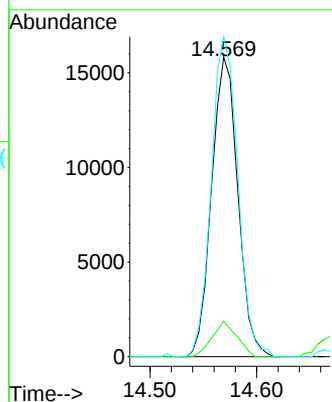
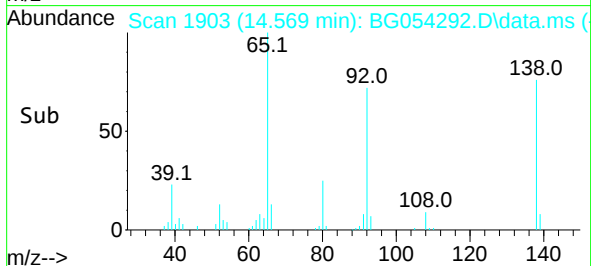


Tgt Ion:138 Resp: 26990
Ion Ratio Lower Upper
138 100
108 11.9 9.2 13.8
92 106.8 101.9 152.9

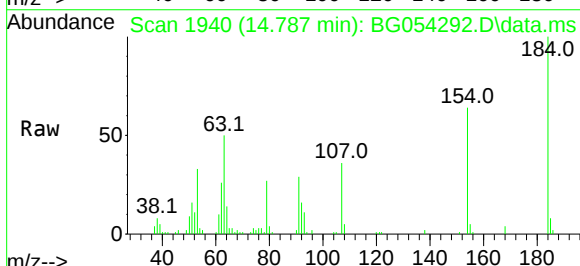
Manual Integrations

APPROVED

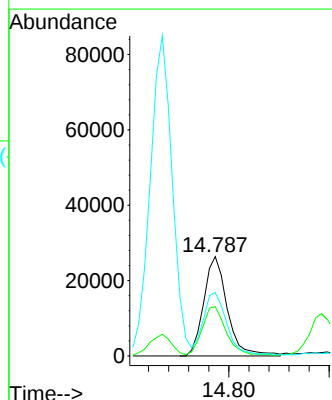
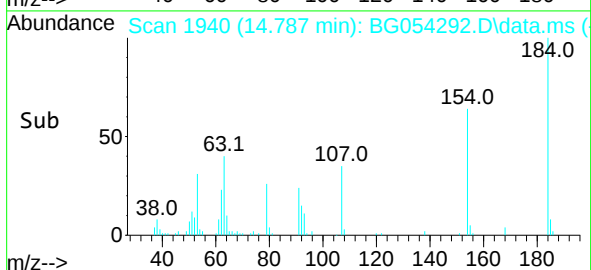
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

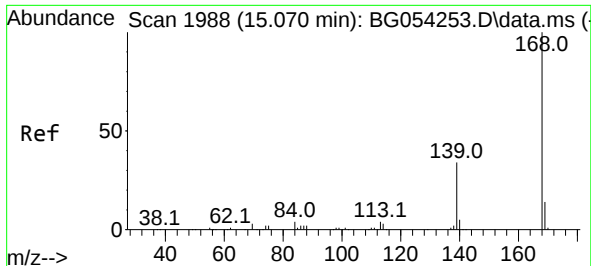


#54
2,4-Dinitrophenol
Concen: 61.788 ng
RT: 14.787 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



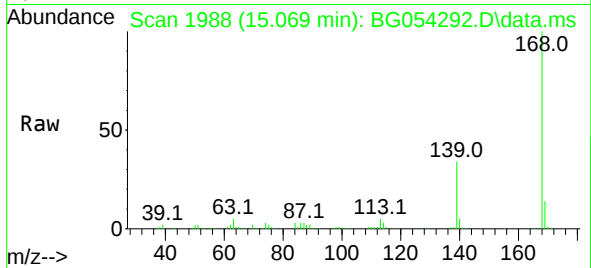
Tgt Ion:184 Resp: 43040
Ion Ratio Lower Upper
184 100
63 49.6 61.1 91.7#
154 64.0 60.6 91.0





#55
Dibenzofuran
Concen: 34.474 ng
RT: 15.069 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

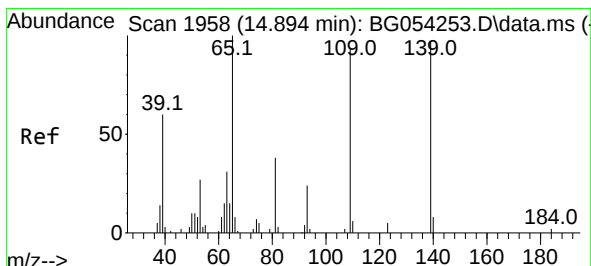
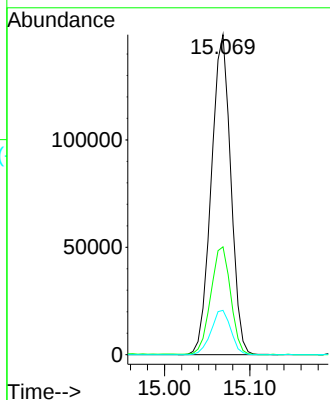
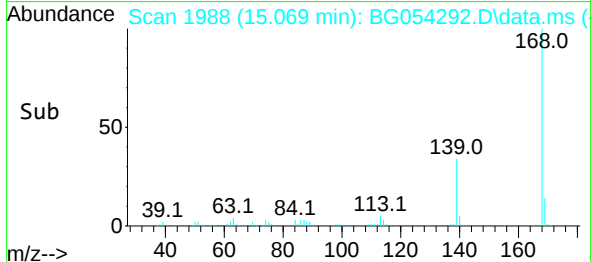
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:168 Resp: 236554
Ion Ratio Lower Upper
168 100
139 33.7 30.5 45.7
169 13.9 10.3 15.5

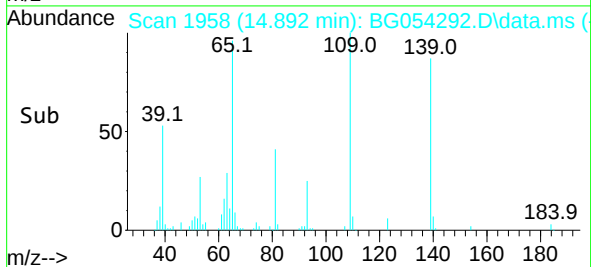
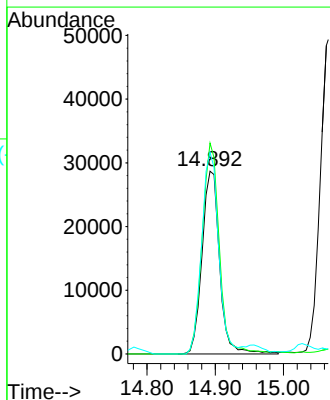
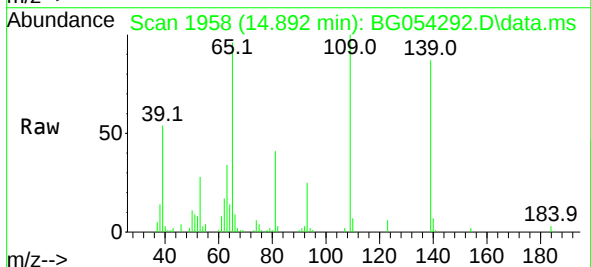
Manual Integrations
APPROVED

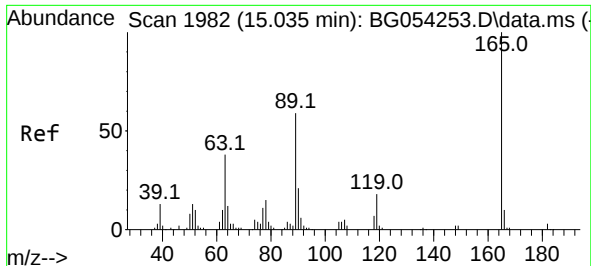
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#56
4-Nitrophenol
Concen: 69.810 ng
RT: 14.892 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:139 Resp: 51381
Ion Ratio Lower Upper
139 100
109 115.5 88.5 128.5
65 110.4 93.9 133.9





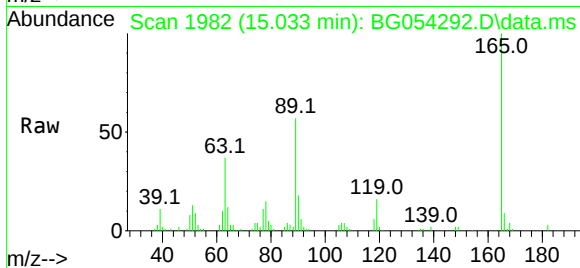
#57
2,4-Dinitrotoluene
Concen: 33.190 ng
RT: 15.033 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

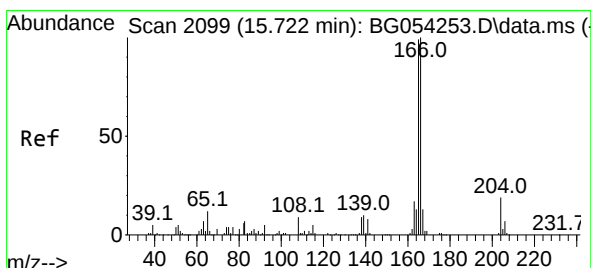
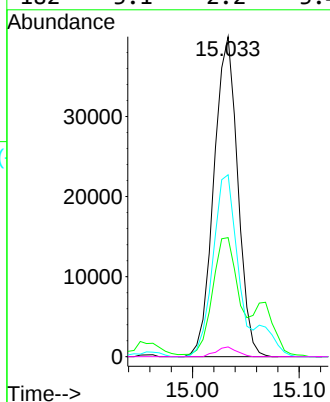
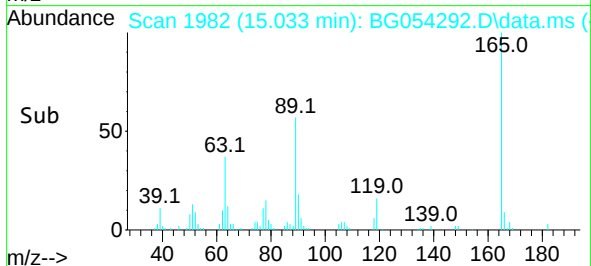


Tgt Ion:165 Resp: 62114
Ion Ratio Lower Upper
165 100
63 37.2 34.6 52.0
89 56.8 60.3 90.5
182 3.1 2.2 3.4

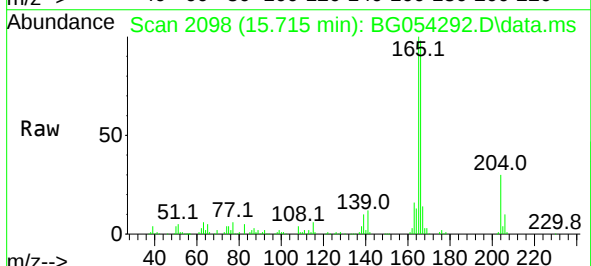
Manual Integrations

APPROVED

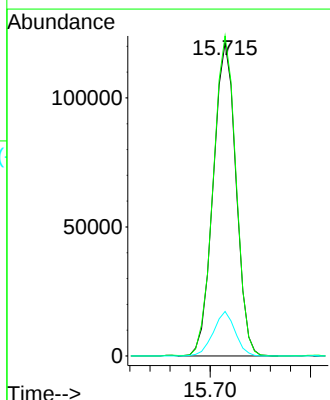
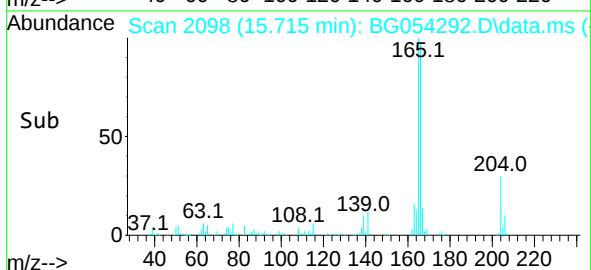
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

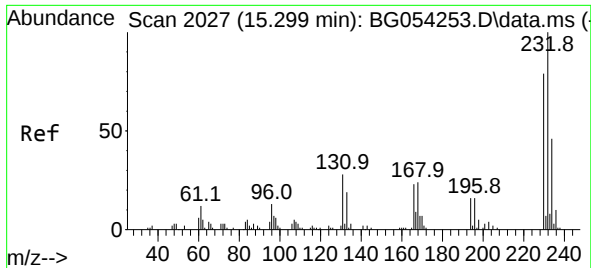


#58
Fluorene
Concen: 33.513 ng
RT: 15.715 min Scan# 2098
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:166 Resp: 191034
Ion Ratio Lower Upper
166 100
165 102.1 75.0 112.6
167 14.2 10.8 16.2





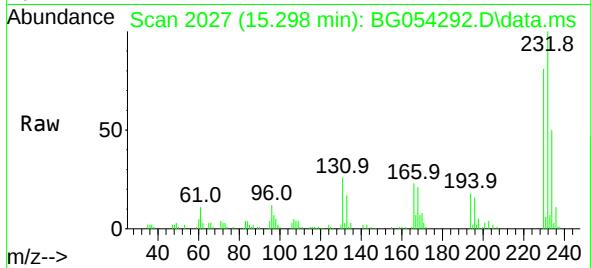
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.067 ng
RT: 15.298 min Scan# 2027
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

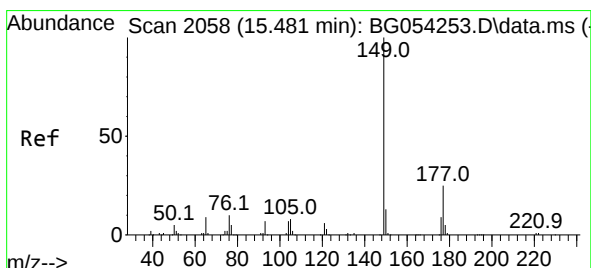
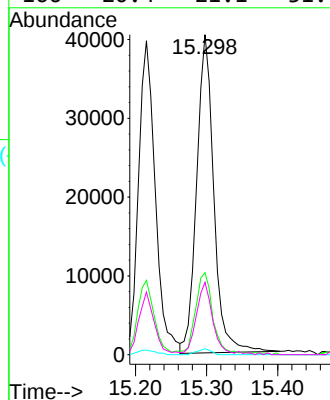
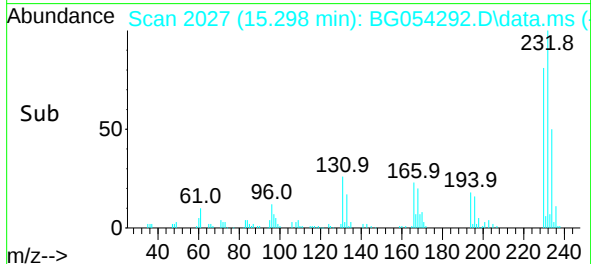


Tgt Ion:232 Resp: 67831
Ion Ratio Lower Upper
232 100
131 25.2 30.6 46.0
130 1.5 1.8 2.8
166 20.4 21.1 31.7

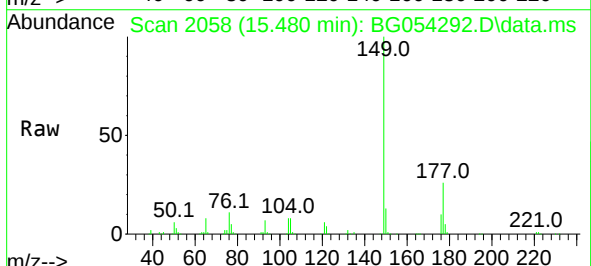
Manual Integrations

APPROVED

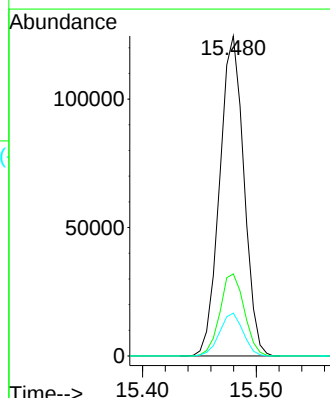
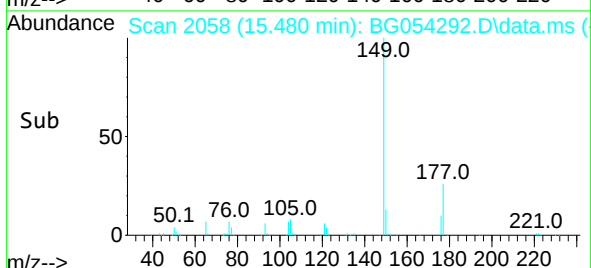
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

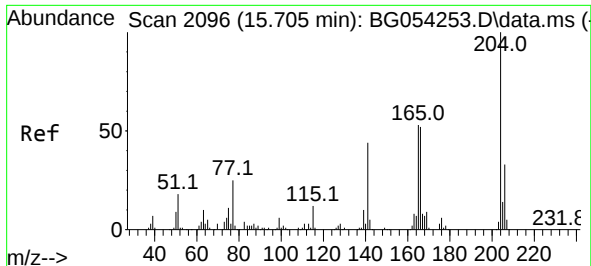


#60
Diethylphthalate
Concen: 31.818 ng
RT: 15.480 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:149 Resp: 184537
Ion Ratio Lower Upper
149 100
177 25.7 18.4 27.6
150 13.4 11.2 16.8





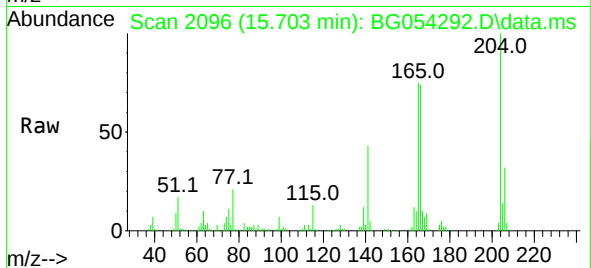
#61
4-Chlorophenyl-phenylether
Concen: 36.378 ng
RT: 15.703 min Scan# 2096
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

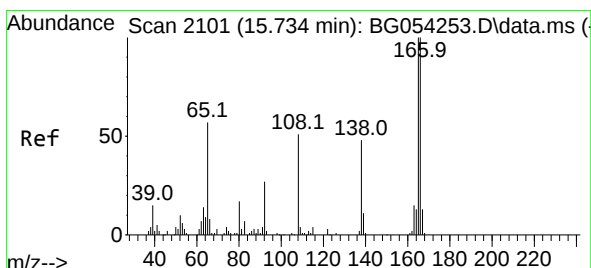
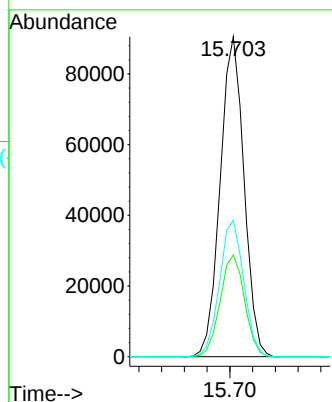
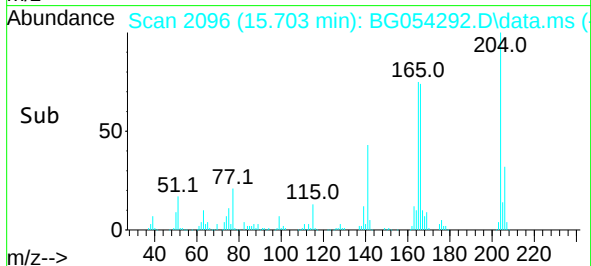


Tgt Ion:204 Resp: 13172
Ion Ratio Lower Upper
204 100
206 31.8 27.5 41.3
141 42.7 45.3 67.9

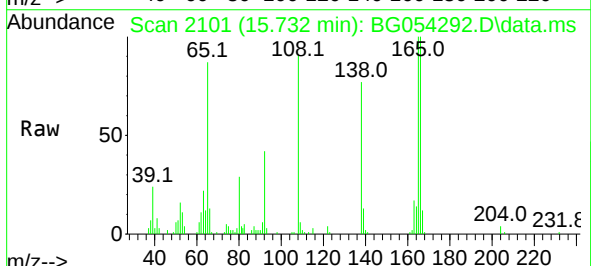
Manual Integrations

APPROVED

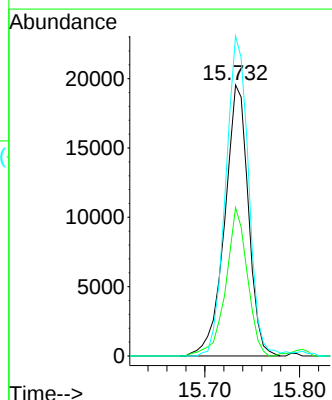
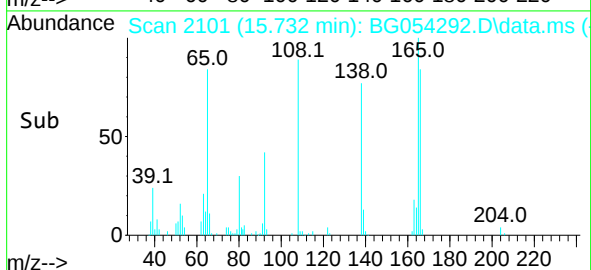
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

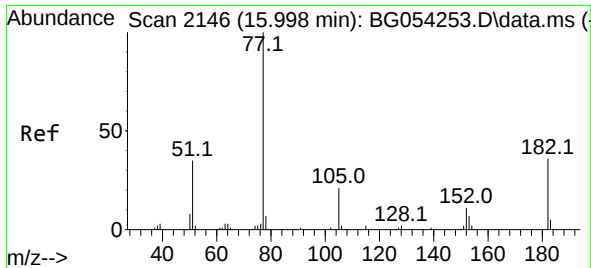


#62
4-Nitroaniline
Concen: 28.264 ng
RT: 15.732 min Scan# 2101
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:138 Resp: 33821
Ion Ratio Lower Upper
138 100
92 54.7 40.5 80.5
108 118.1 103.7 143.7





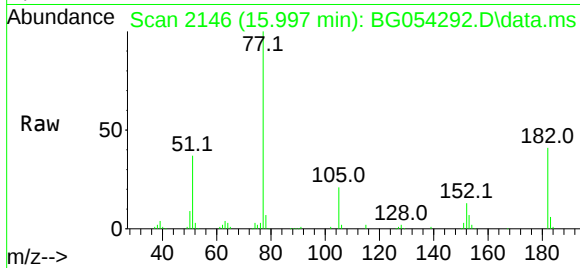
#63
Azobenzene
Concen: 30.110 ng
RT: 15.997 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

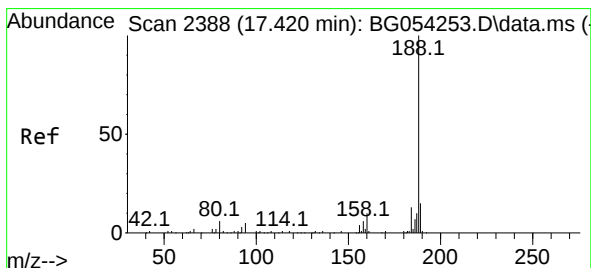
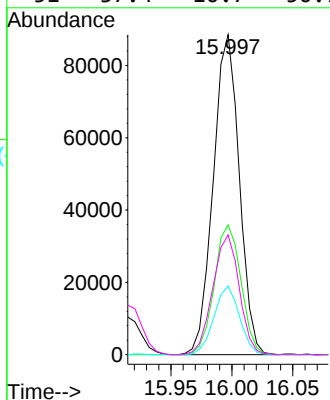
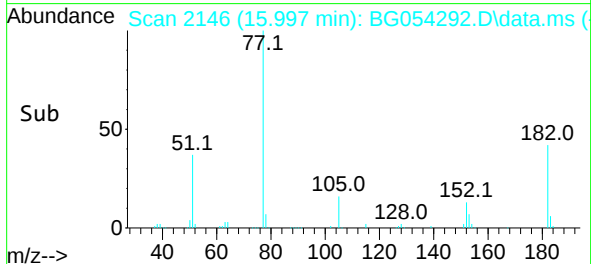


Tgt Ion: 77 Resp: 131609
Ion Ratio Lower Upper
77 100
182 40.5 3.8 43.8
105 21.5 0.0 37.8
51 37.4 10.7 50.7

Manual Integrations

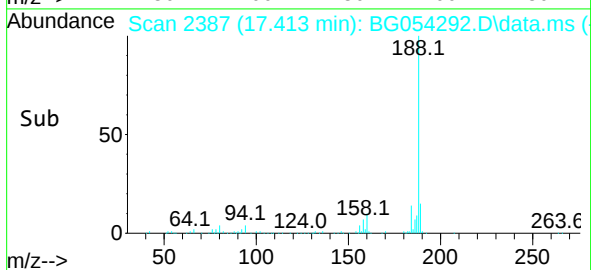
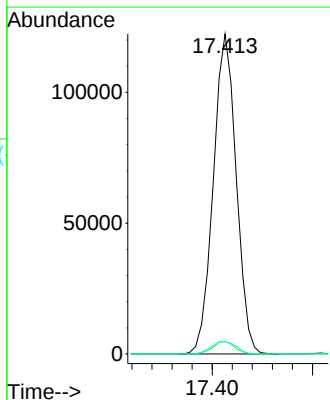
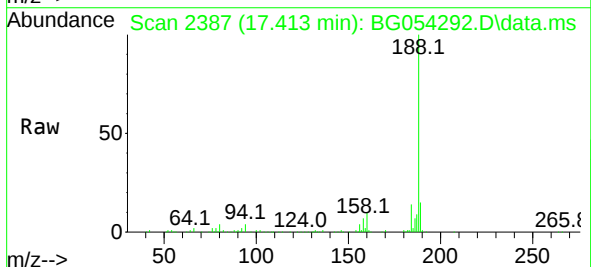
APPROVED

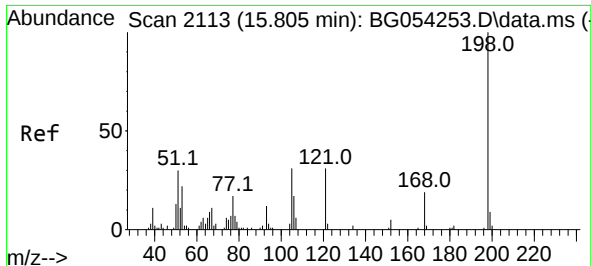
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2387
Delta R.T. -0.007 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:188 Resp: 193722
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 3.9 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 32.830 ng
RT: 15.797 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

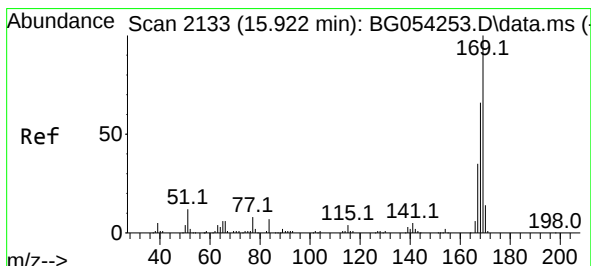
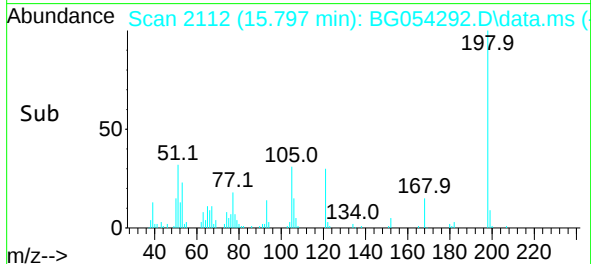
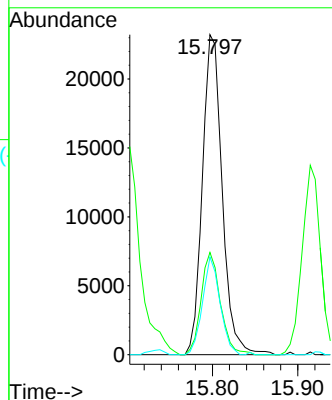
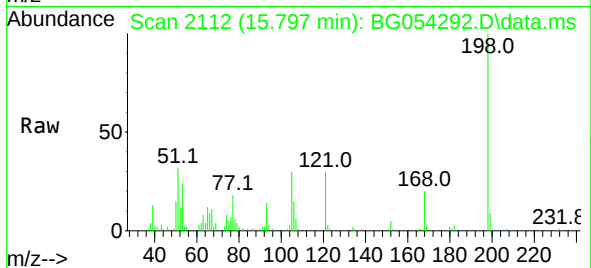
72-12016MSD

Tgt Ion:198 Resp: 37414
Ion Ratio Lower Upper
198 100
51 32.0 28.1 68.1
105 30.5 20.3 60.3

Manual Integrations

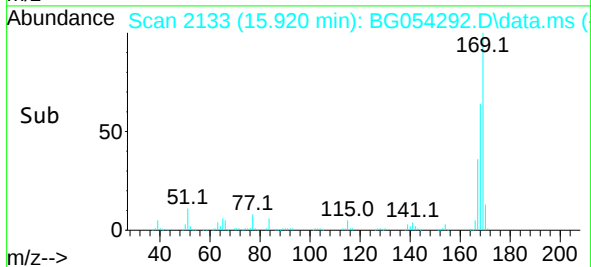
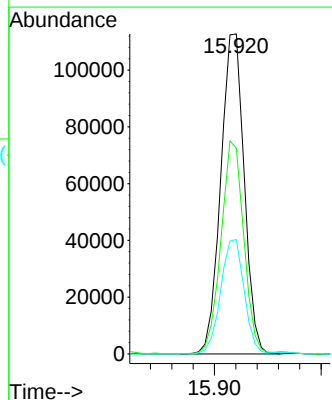
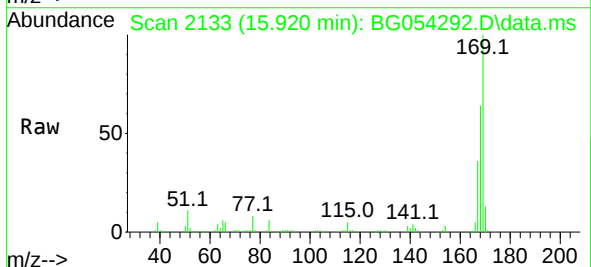
APPROVED

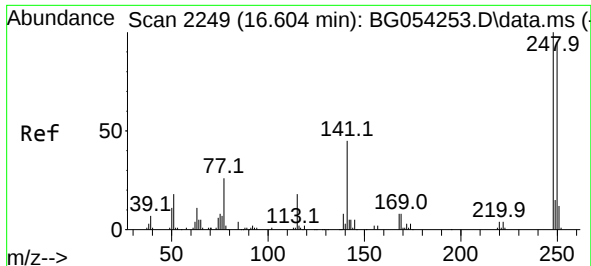
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#66
n-Nitrosodiphenylamine
Concen: 35.170 ng
RT: 15.920 min Scan# 2133
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Tgt Ion:169 Resp: 171848
Ion Ratio Lower Upper
169 100
168 64.3 55.9 83.9
167 35.8 30.6 46.0





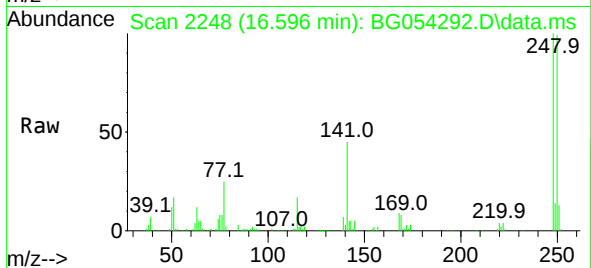
#67
4-Bromophenyl-phenylether
Concen: 38.214 ng
RT: 16.596 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

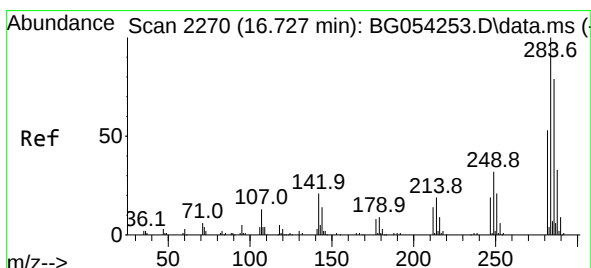
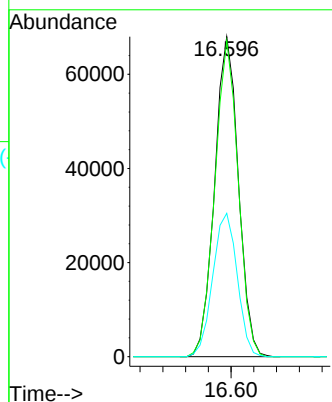


Tgt Ion:248 Resp: 98738
Ion Ratio Lower Upper
248 100
250 98.8 75.2 112.8
141 44.8 50.0 75.0

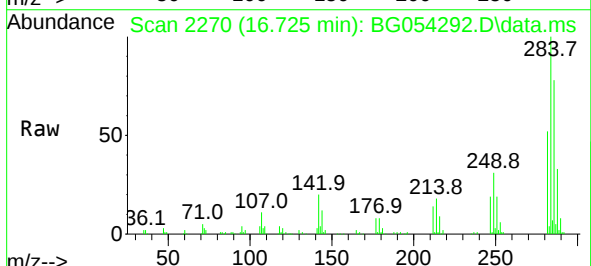
Manual Integrations

APPROVED

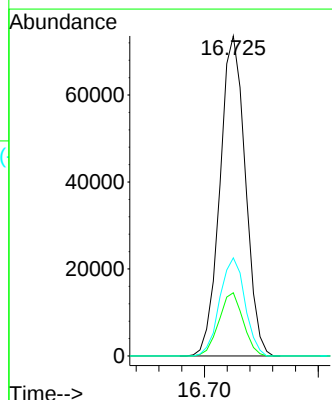
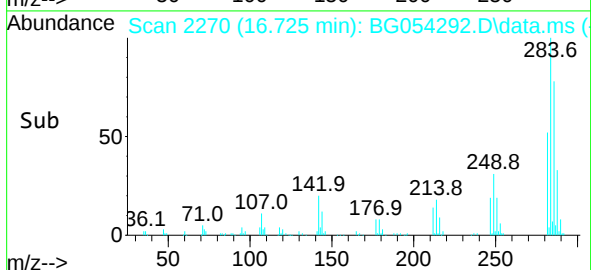
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

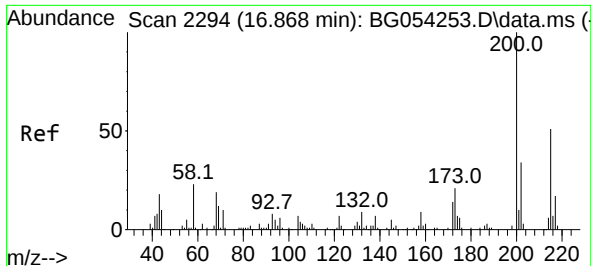


#68
Hexachlorobenzene
Concen: 38.655 ng
RT: 16.725 min Scan# 2270
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:284 Resp: 114000
Ion Ratio Lower Upper
284 100
142 19.7 23.6 35.4
249 33.1 25.8 38.6





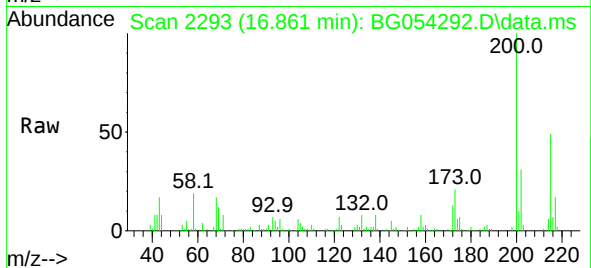
#69
 Atrazine
 Concen: 39.291 ng
 RT: 16.861 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

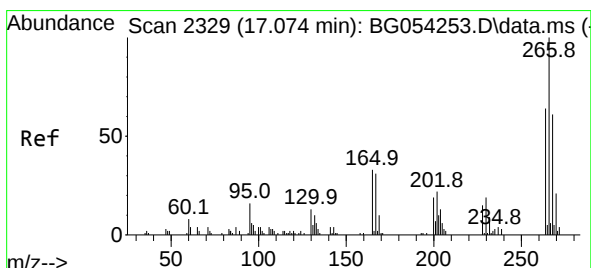
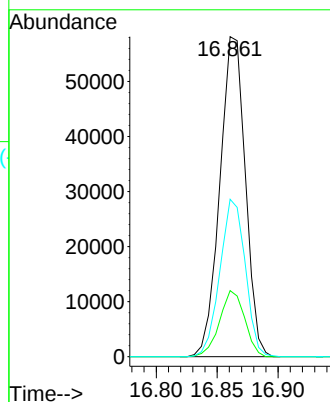


Tgt Ion:200 Resp: 84794
 Ion Ratio Lower Upper
 200 100
 173 20.7 3.7 43.7
 215 49.2 25.2 65.2

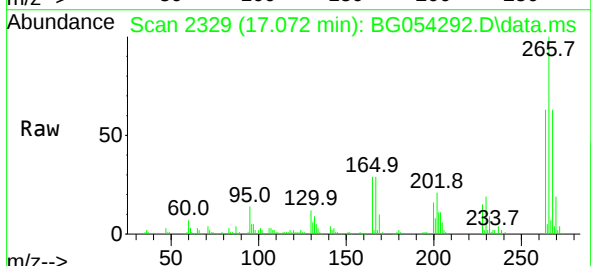
Manual Integrations

APPROVED

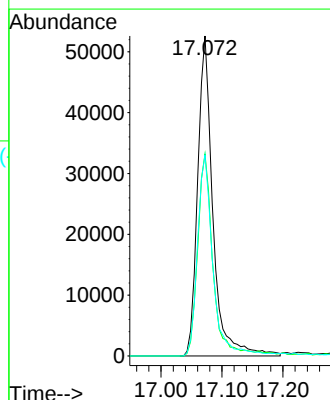
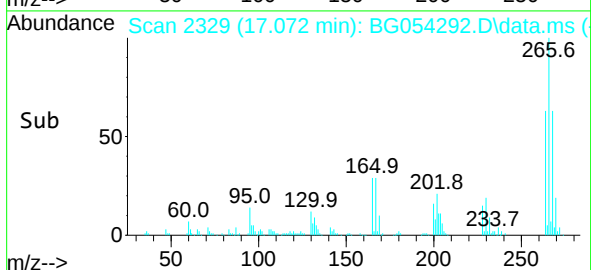
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

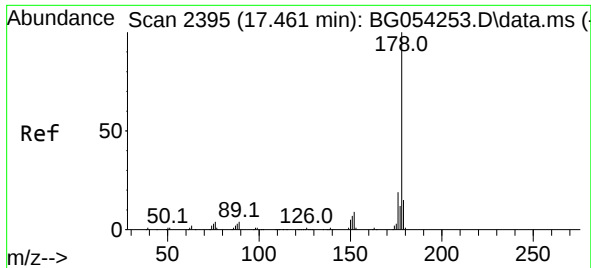


#70
 Pentachlorophenol
 Concen: 68.922 ng
 RT: 17.072 min Scan# 2329
 Delta R.T. -0.002 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16



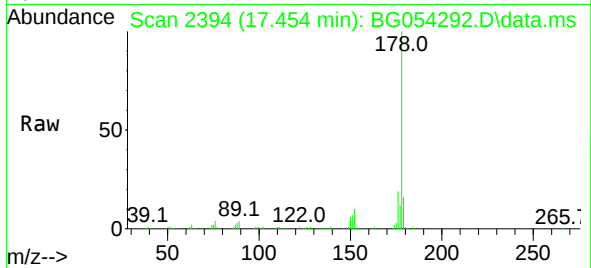
Tgt Ion:266 Resp: 91323
 Ion Ratio Lower Upper
 266 100
 268 63.1 56.2 84.2
 264 62.7 53.0 79.4





#71
Phenanthrene
Concen: 38.396 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

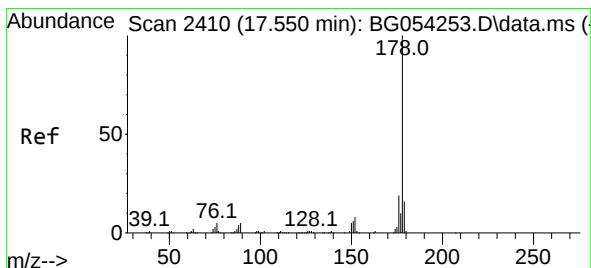
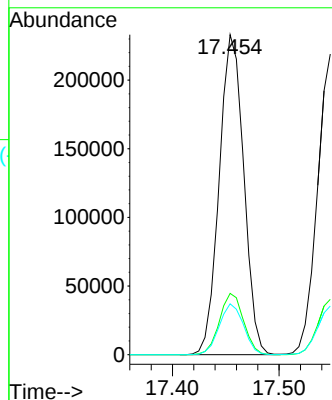
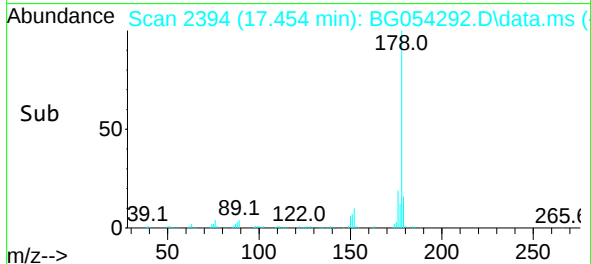
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



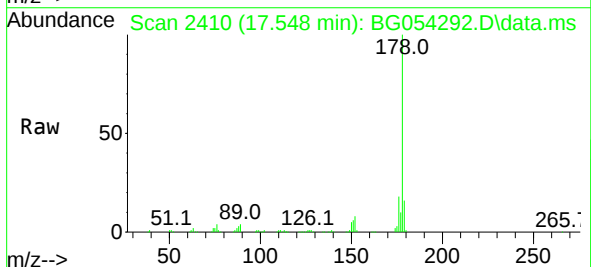
Tgt Ion:178 Resp: 372070
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations
APPROVED

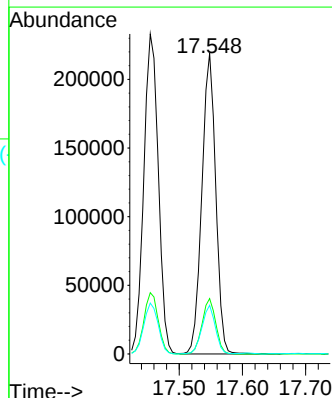
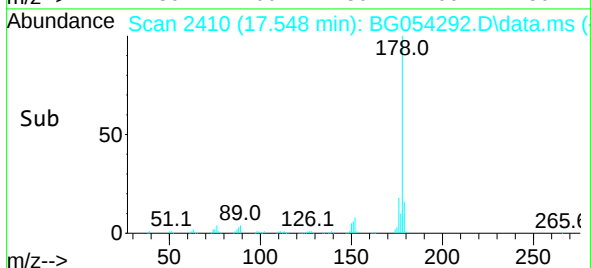
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

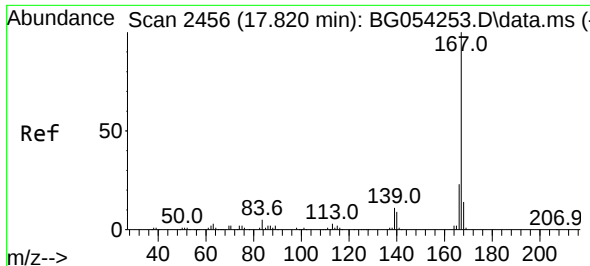


#72
Anthracene
Concen: 35.154 ng
RT: 17.548 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



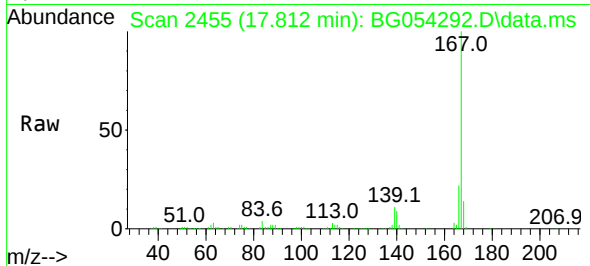
Tgt Ion:178 Resp: 333622
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.2 13.0 19.4





#73
Carbazole
Concen: 33.268 ng
RT: 17.812 min Scan# 2456
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

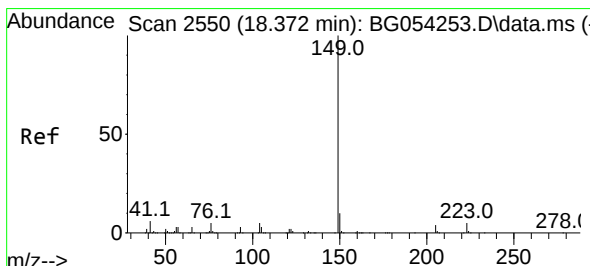
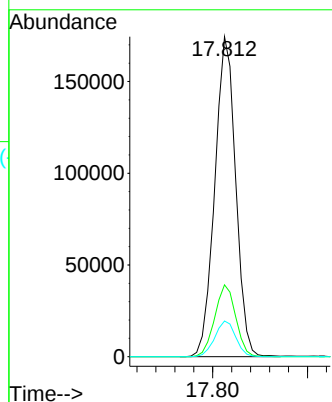
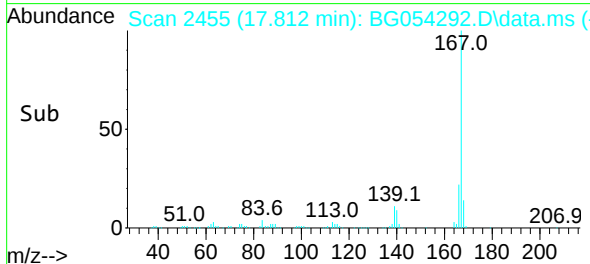
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



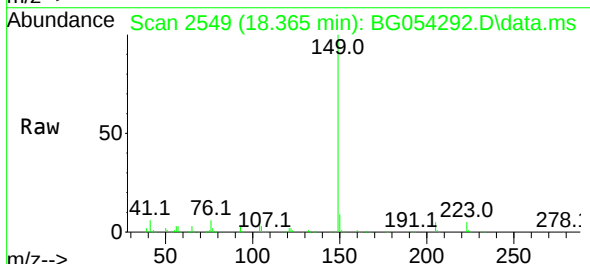
Tgt Ion:167 Resp: 26736
Ion Ratio Lower Upper
167 100
166 22.4 18.2 27.2
139 11.2 10.1 15.1

Manual Integrations
APPROVED

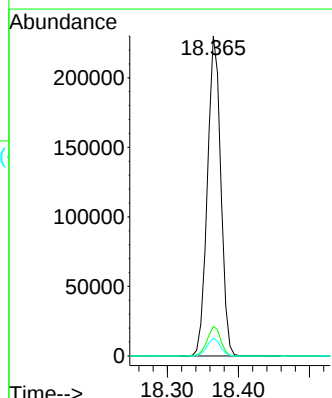
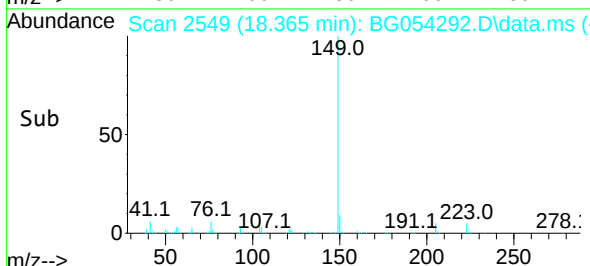
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

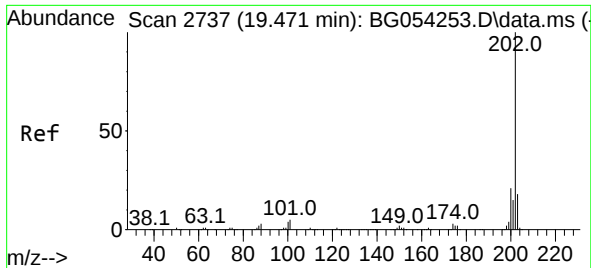


#74
Di-n-butylphthalate
Concen: 31.667 ng
RT: 18.365 min Scan# 2549
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



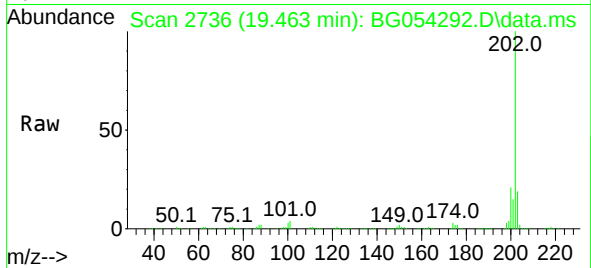
Tgt Ion:149 Resp: 301360
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.6 5.4 8.0





#75
Fluoranthene
Concen: 43.988 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

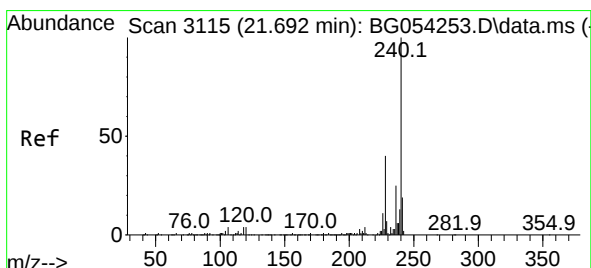
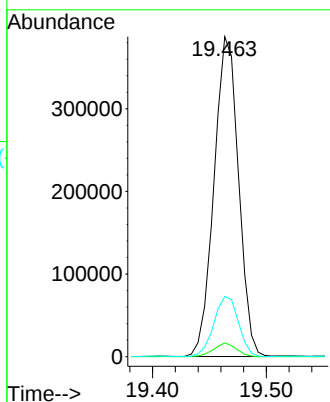
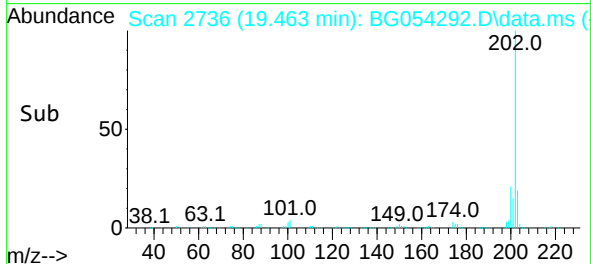
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:202 Resp: 57969
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 18.8 0.0 37.2

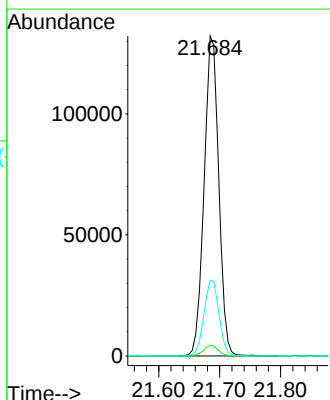
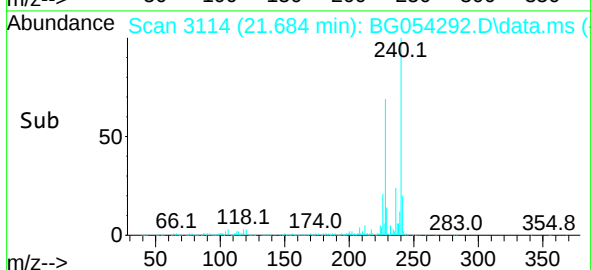
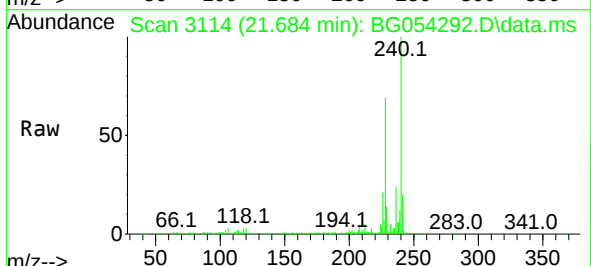
Manual Integrations
APPROVED

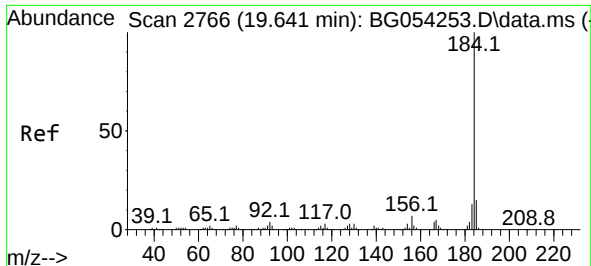
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

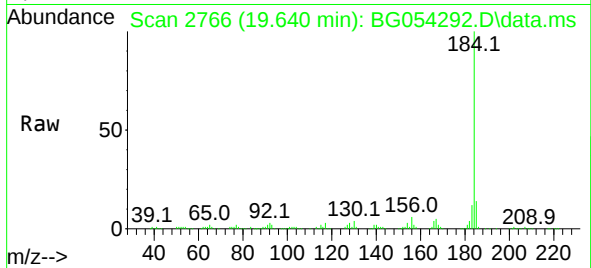
Tgt Ion:240 Resp: 220794
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 23.7 20.2 30.4





#77
Benzidine
Concen: 38.635 ng
RT: 19.640 min Scan# 2766
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

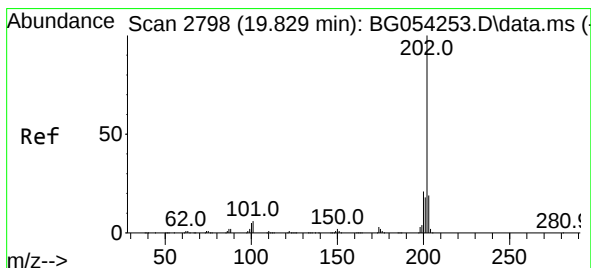
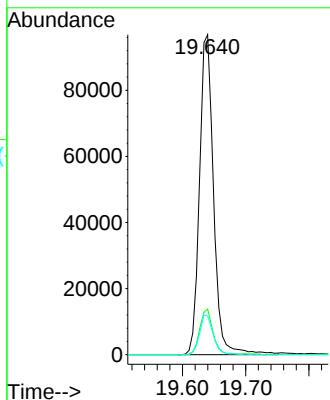
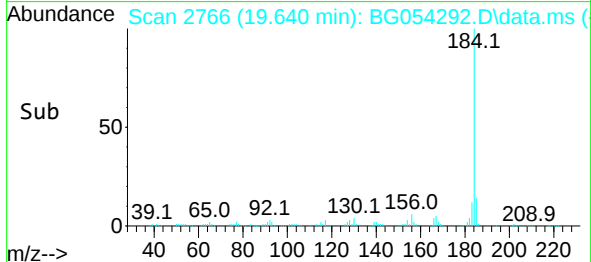
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



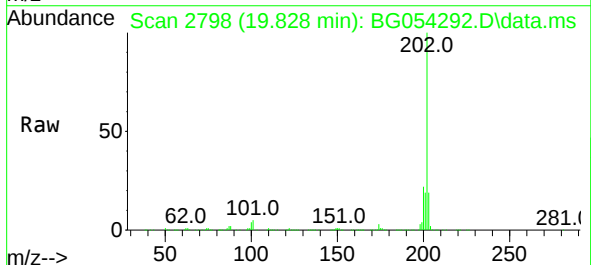
Tgt Ion:184 Resp: 14974
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.1 8.9 13.3

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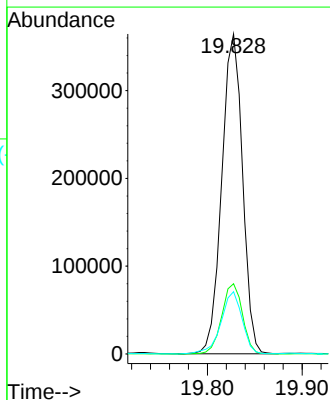
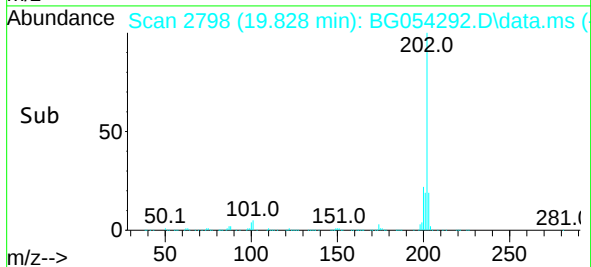
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

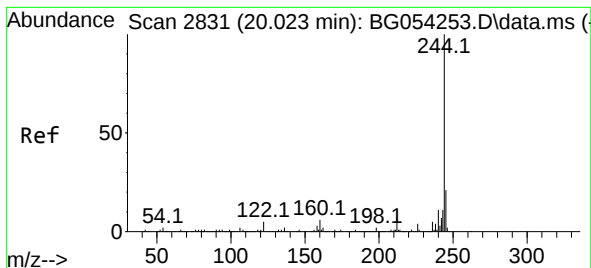


#78
Pyrene
Concen: 43.562 ng
RT: 19.828 min Scan# 2798
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16



Tgt Ion:202 Resp: 553547
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 19.4 14.6 21.8





#79

Terphenyl-d14

Concen: 66.687 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG054292.D

Acq: 14 Jul 2022 23:16

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion:244 Resp: 716024

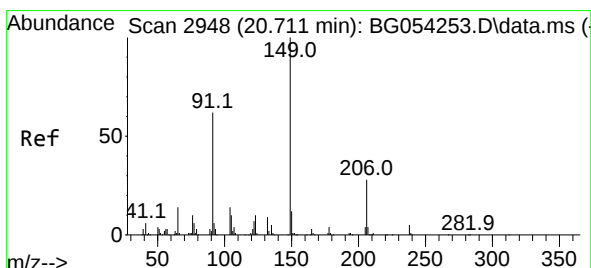
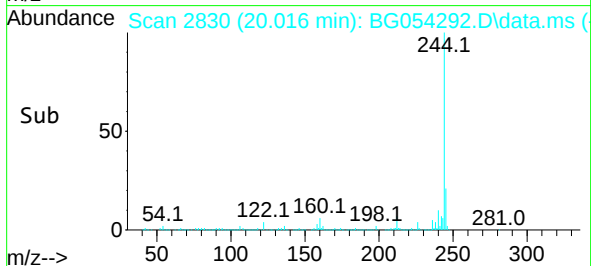
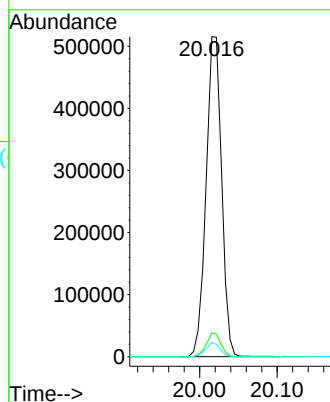
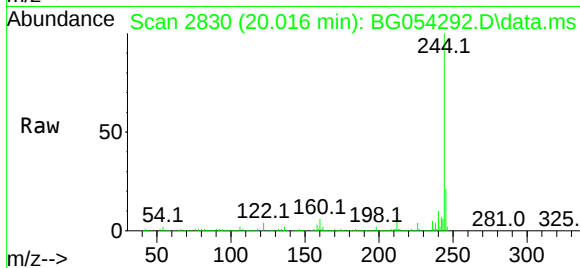
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	4.4	5.0	7.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#80

Butylbenzylphthalate

Concen: 31.166 ng

RT: 20.703 min Scan# 2947

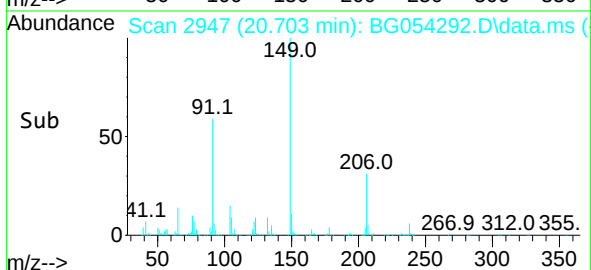
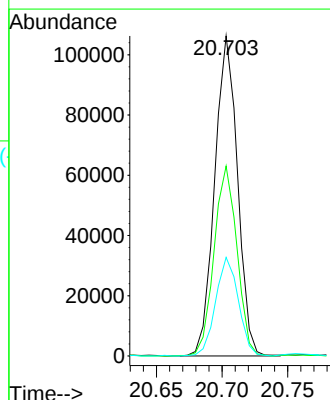
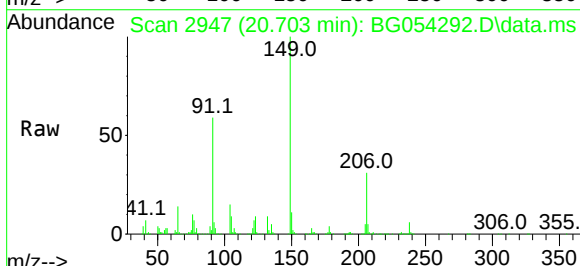
Delta R.T. -0.008 min

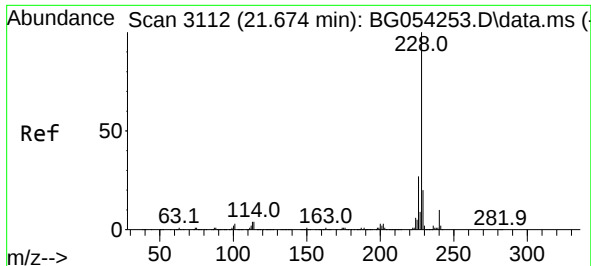
Lab File: BG054292.D

Acq: 14 Jul 2022 23:16

Tgt Ion:149 Resp: 128321

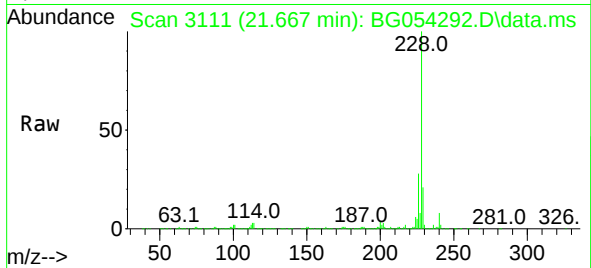
Ion	Ratio	Lower	Upper
149	100		
91	59.4	59.6	89.4#
206	30.8	18.6	28.0#





#81
Benzo(a)anthracene
Concen: 39.887 ng
RT: 21.667 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

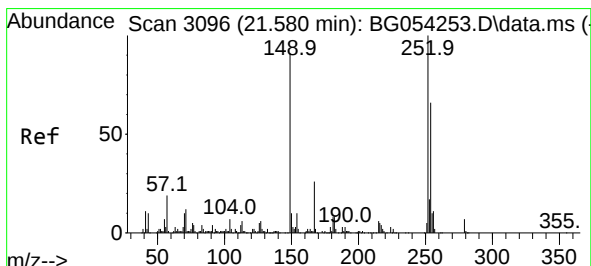
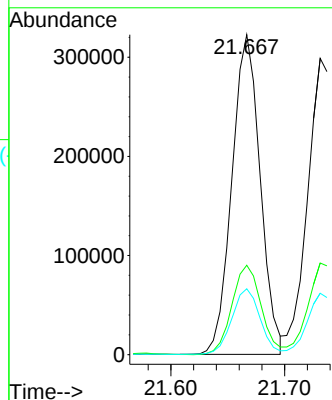
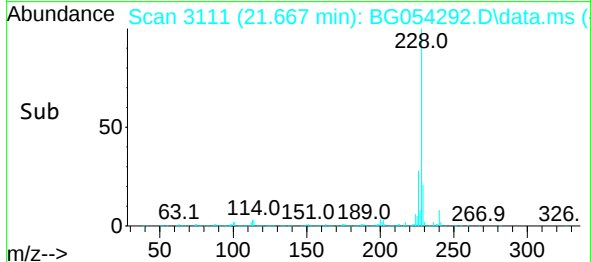
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:228 Resp: 557095
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.6 16.2 24.2

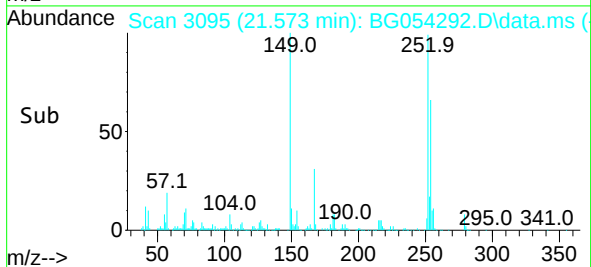
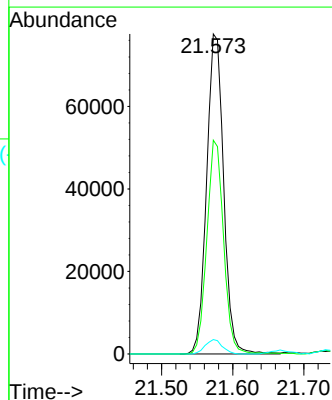
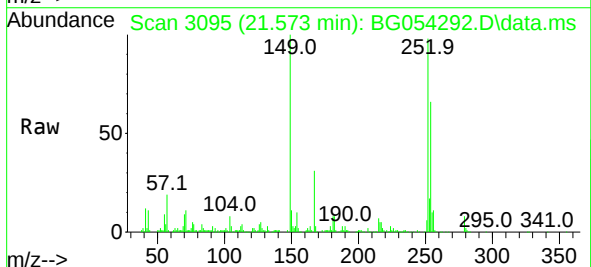
Manual Integrations
APPROVED

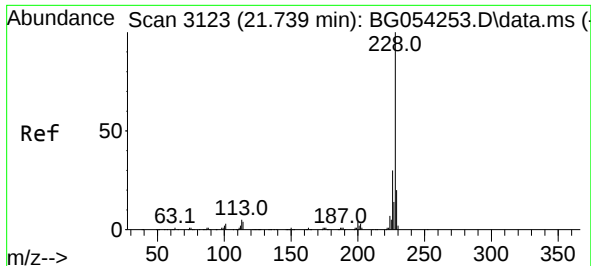
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.252 ng
RT: 21.573 min Scan# 3095
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

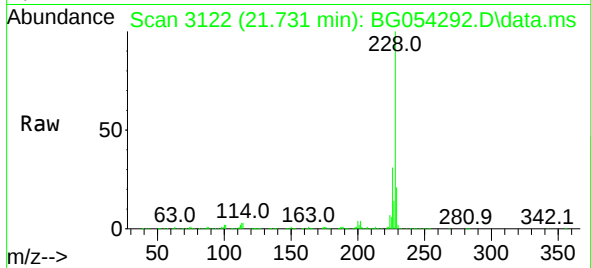
Tgt Ion:252 Resp: 129141
Ion Ratio Lower Upper
252 100
254 66.8 49.8 74.8
126 4.5 6.0 9.0#





#83
Chrysene
Concen: 39.517 ng
RT: 21.731 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

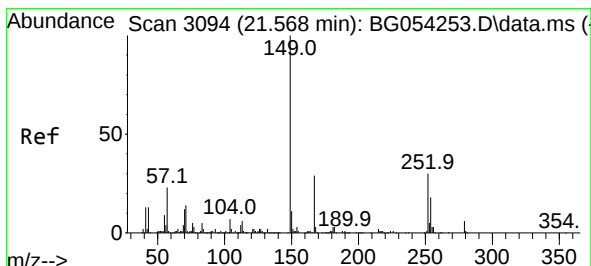
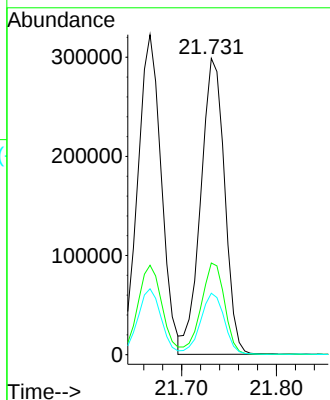
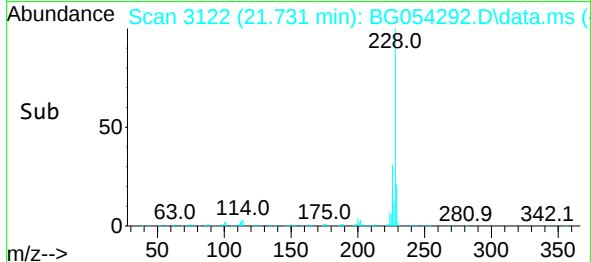
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:228 Resp: 522016
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 20.7 15.5 23.3

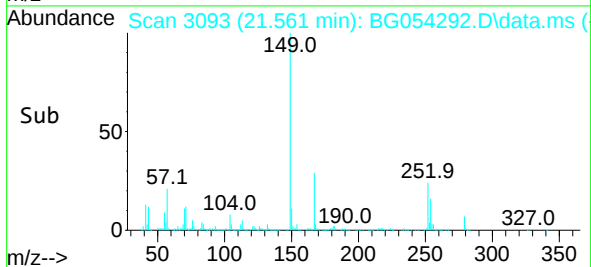
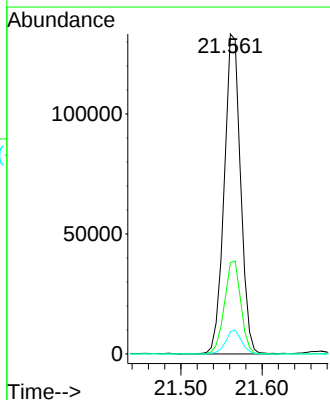
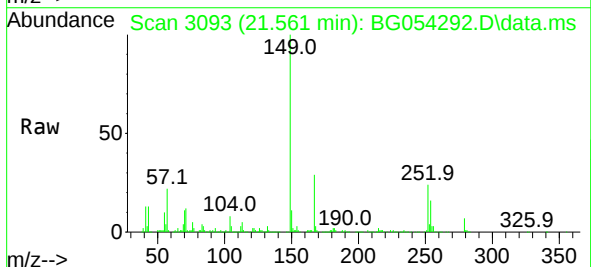
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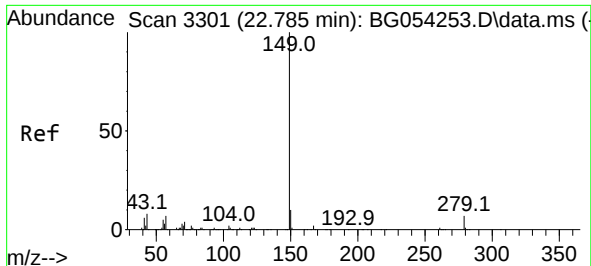
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.014 ng
RT: 21.561 min Scan# 3093
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

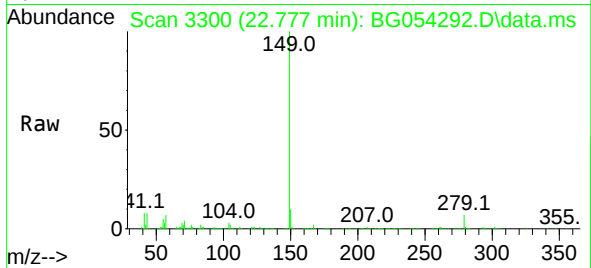
Tgt Ion:149 Resp: 187016
Ion Ratio Lower Upper
149 100
167 28.5 20.2 30.4
279 7.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 34.961 ng
RT: 22.777 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

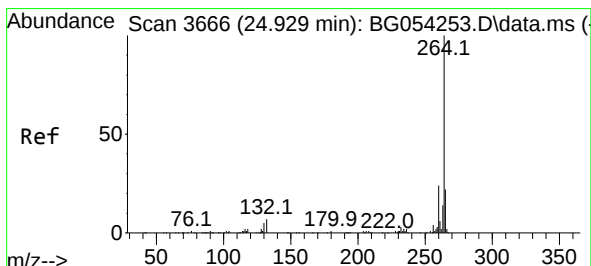
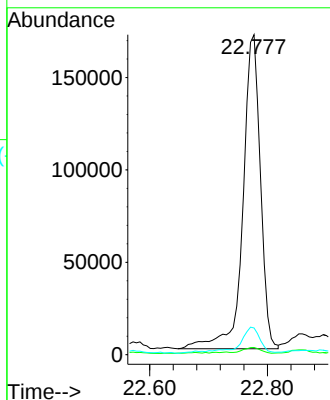
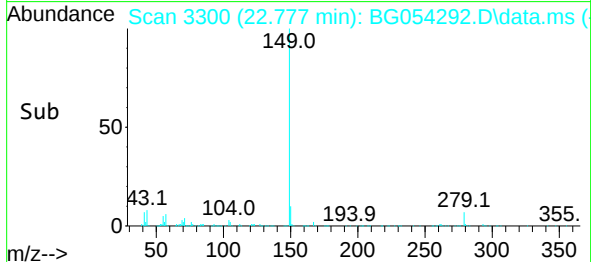
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:149 Resp: 35159
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.6 9.0 13.4

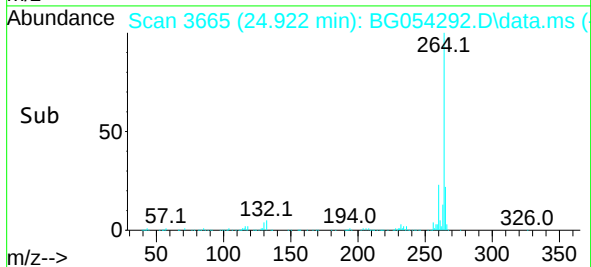
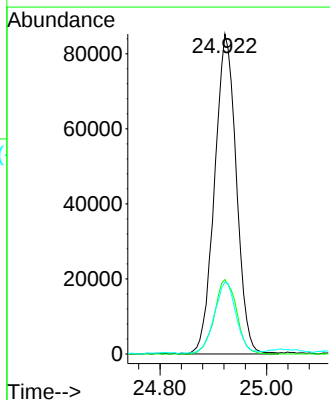
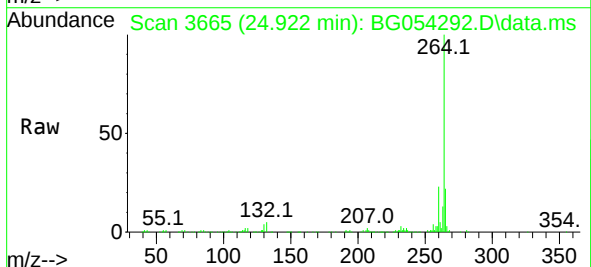
Manual Integrations
APPROVED

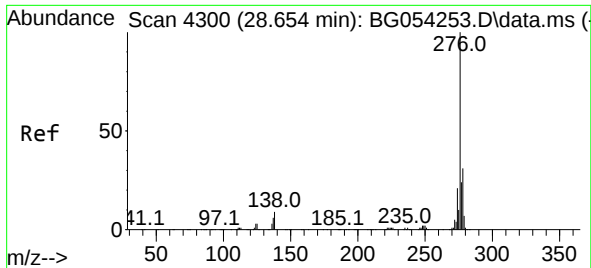
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.922 min Scan# 3665
Delta R.T. -0.007 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

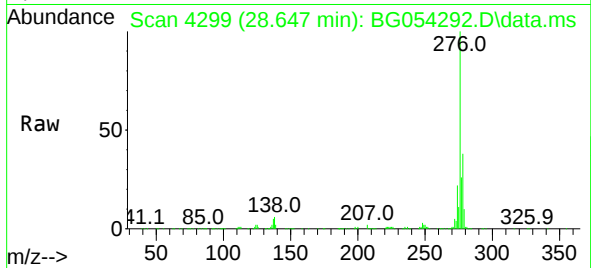
Tgt Ion:264 Resp: 240997
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 22.4 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.029 ng
 RT: 28.647 min Scan# 4300
 Delta R.T. -0.008 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16

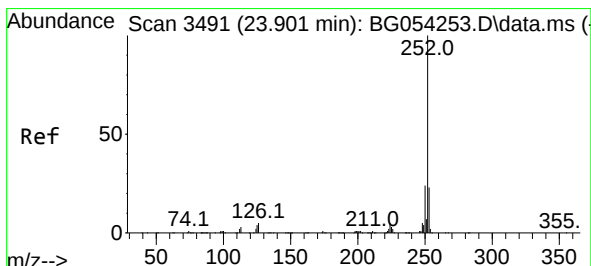
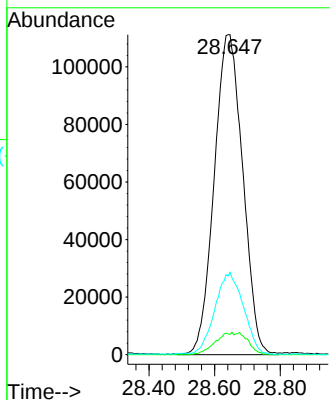
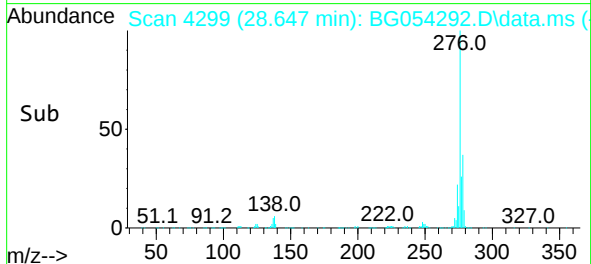
Instrument :
 BNA_G
 ClientSampleId :
 72-12016MSD



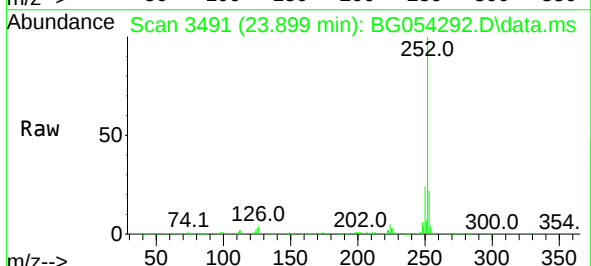
Tgt Ion:276 Resp: 67134
 Ion Ratio Lower Upper
 276 100
 138 3.8 5.0 7.4
 277 25.8 20.3 30.5

Manual Integrations
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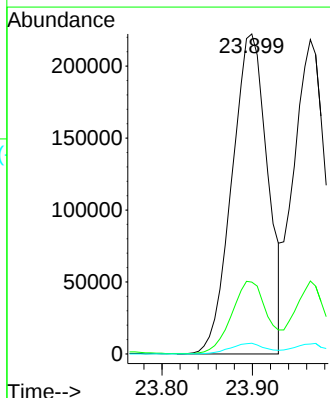
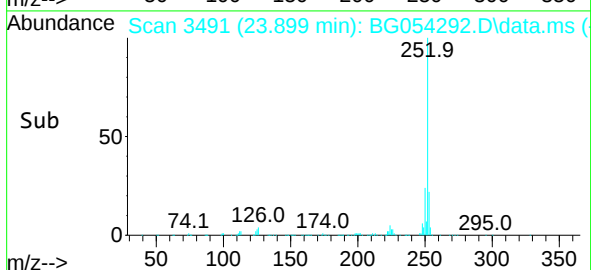
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

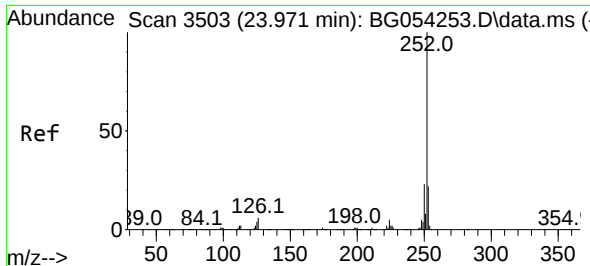


#88
 Benzo(b)fluoranthene
 Concen: 42.628 ng m
 RT: 23.899 min Scan# 3491
 Delta R.T. -0.002 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16



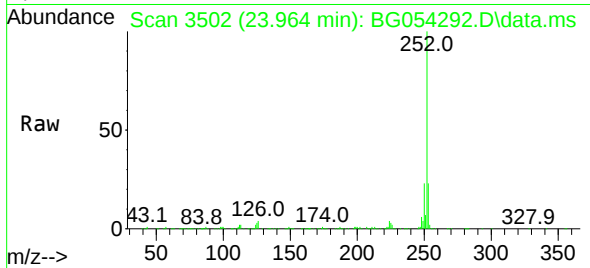
Tgt Ion:252 Resp: 609187
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 3.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 37.928 ng
RT: 23.964 min Scan# 3503
Delta R.T. -0.008 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

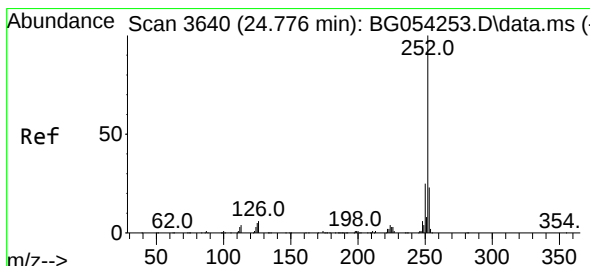
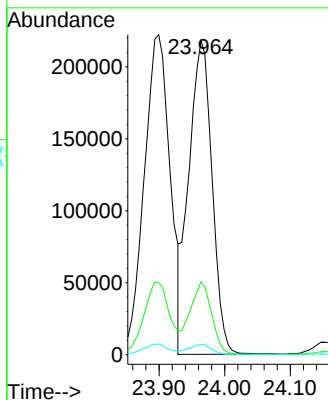
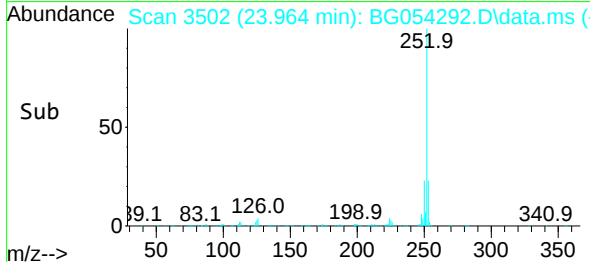
Instrument :
BNA_G
ClientSampleId :
72-12016MSD



Tgt Ion:252 Resp: 537728
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 3.2 4.8 7.2

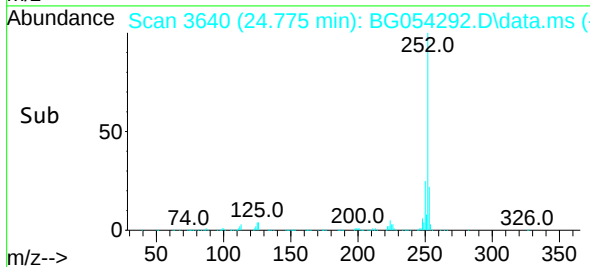
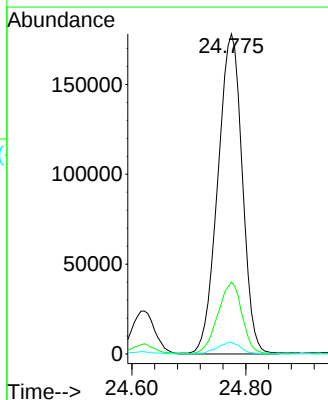
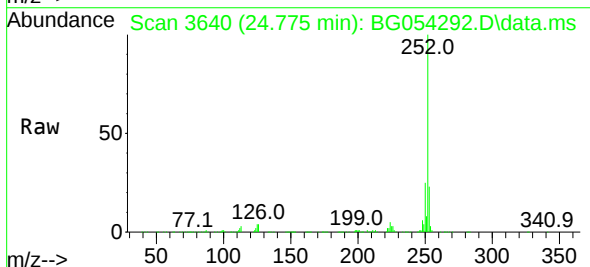
Manual Integrations
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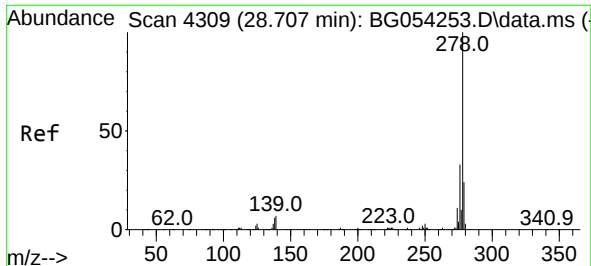
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#90
Benzo(a)pyrene
Concen: 43.348 ng m
RT: 24.775 min Scan# 3640
Delta R.T. -0.002 min
Lab File: BG054292.D
Acq: 14 Jul 2022 23:16

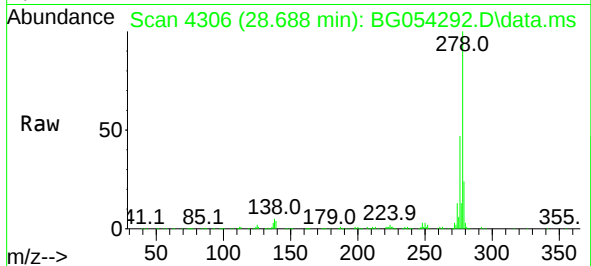
Tgt Ion:252 Resp: 530042
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 3.6 4.3 6.5





#91
 Dibenzo(a,h)anthracene
 Concen: 35.939 ng
 RT: 28.688 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16

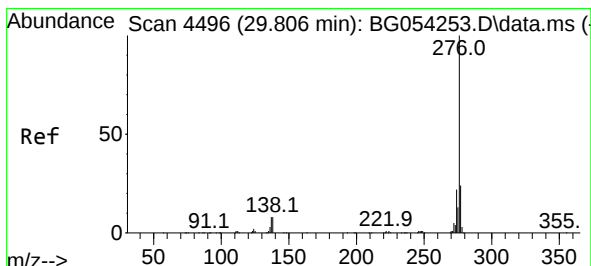
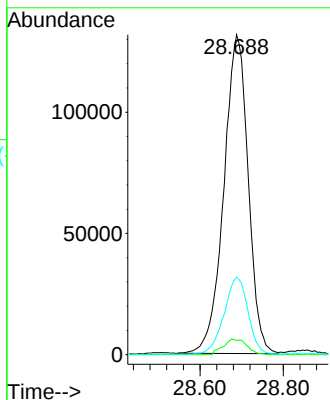
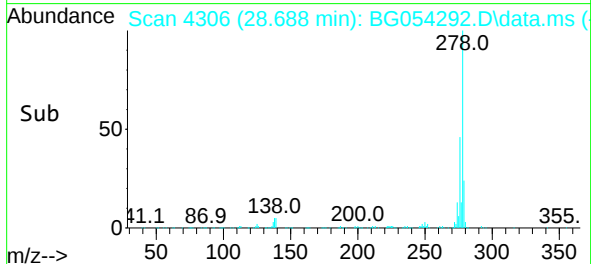
Instrument :
 BNA_G
 ClientSampleId :
 72-12016MSD



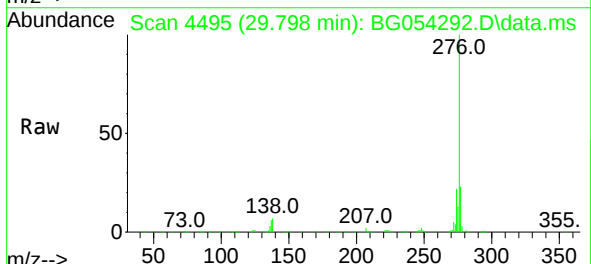
Tgt Ion:278 Resp: 53378
 Ion Ratio Lower Upper
 278 100
 139 4.5 7.2 10.8
 279 24.2 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#92
 Benzo(g,h,i)perylene
 Concen: 39.311 ng
 RT: 29.798 min Scan# 4495
 Delta R.T. -0.008 min
 Lab File: BG054292.D
 Acq: 14 Jul 2022 23:16



Tgt Ion:276 Resp: 582363
 Ion Ratio Lower Upper
 276 100
 277 23.2 17.3 25.9
 138 6.5 9.6 14.4#

