

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053290.D
 Acq On : 23 Apr 2022 13:09
 Operator : CG/JU
 Sample : N2526-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 02:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	26999	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	117046	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	89399	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	216132	20.000	ng	0.00
76) Chrysene-d12	21.762	240	205808	20.000	ng	0.00
86) Perylene-d12	25.058	264	215669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	223994	142.215	ng	0.00
7) Phenol-d6	7.270	99	333887	137.466	ng	0.00
23) Nitrobenzene-d5	9.268	82	228051	79.111	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	170677	120.001	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	521165	80.385	ng	0.00
79) Terphenyl-d14	20.076	244	999211	81.997	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.552	88	30508	40.560	ng	# 93
3) Pyridine	3.951	79	79007	39.826	ng	# 91
4) n-Nitrosodimethylamine	3.863	42	50722	51.631	ng	91
6) Aniline	7.429	93	124528	44.239	ng	93
8) 2-Chlorophenol	7.676	128	101188	59.509	ng	96
9) Benzaldehyde	7.235	77	72779m	50.128	ng	
10) Phenol	7.300	94	139518	57.707	ng	91
11) bis(2-Chloroethyl)ether	7.517	93	91747	52.643	ng	93
12) 1,3-Dichlorobenzene	7.999	146	103242	52.251	ng	96
13) 1,4-Dichlorobenzene	8.140	146	104306	51.781	ng	99
14) 1,2-Dichlorobenzene	8.463	146	101450	52.226	ng	99
15) Benzyl Alcohol	8.345	79	113363m	52.509	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	150389	51.686	ng	98
17) 2-Methylphenol	8.551	107	93722	57.285	ng	97
18) Hexachloroethane	9.197	117	39041	51.684	ng	96
19) n-Nitroso-di-n-propyla...	8.909	70	91623	51.526	ng	97
20) 3+4-Methylphenols	8.880	107	129424	56.038	ng	94
22) Acetophenone	8.927	105	157568	48.524	ng	93
24) Nitrobenzene	9.315	77	137613	49.079	ng	93
25) Isophorone	9.837	82	251887	51.409	ng	99
26) 2-Nitrophenol	10.025	139	59132	50.434	ng	# 91
27) 2,4-Dimethylphenol	10.084	122	98781	58.827	ng	91
28) bis(2-Chloroethoxy)met...	10.313	93	136246	49.496	ng	99
29) 2,4-Dichlorophenol	10.566	162	109004	51.637	ng	98
30) 1,2,4-Trichlorobenzene	10.783	180	113113	47.344	ng	97
31) Naphthalene	10.971	128	308904	49.467	ng	100
32) Benzoic acid	10.249	122	51941m	47.564	ng	
33) 4-Chloroaniline	11.071	127	80083	29.947	ng	96
34) Hexachlorobutadiene	11.253	225	85849	48.372	ng	94
35) Caprolactam	11.846	113	36440m	48.973	ng	
36) 4-Chloro-3-methylphenol	12.193	107	124395	50.616	ng	90
37) 2-Methylnaphthalene	12.569	142	228155	49.376	ng	98
38) 1-Methylnaphthalene	12.786	142	218588	48.464	ng	95
40) 1,2,4,5-Tetrachloroben...	12.939	216	146544	48.264	ng	99
41) Hexachlorocyclopentadiene	12.916	237	149004	95.064	ng	93
43) 2,4,6-Trichlorophenol	13.174	196	100875	48.186	ng	96

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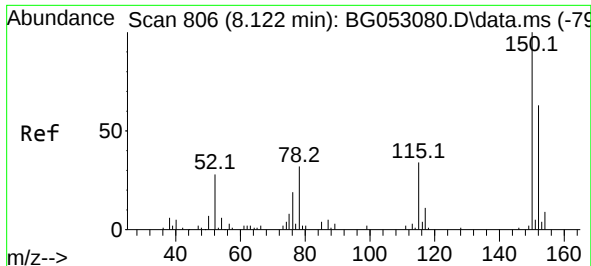
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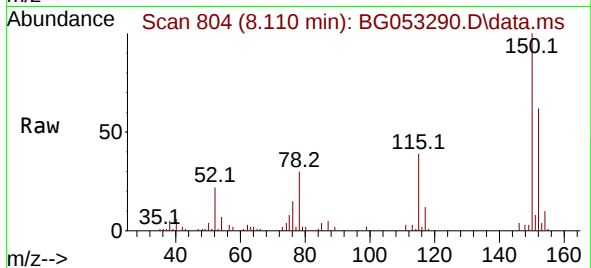
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	109015	48.868	ng	98
46) 1,1'-Biphenyl	13.568	154	312571	48.551	ng	99
47) 2-Chloronaphthalene	13.615	162	245056	47.710	ng	98
48) 2-Nitroaniline	13.809	65	93614	48.026	ng	96
49) Acenaphthylene	14.455	152	413924	51.480	ng	98
50) Dimethylphthalate	14.179	163	341567	47.768	ng	99
51) 2,6-Dinitrotoluene	14.302	165	73343	49.167	ng	# 81
52) Acenaphthene	14.795	154	295221m	54.143	ng	
53) 3-Nitroaniline	14.631	138	53668	34.024	ng	99
54) 2,4-Dinitrophenol	14.842	184	81794	86.176	ng	# 83
55) Dibenzofuran	15.130	168	404012	47.320	ng	99
56) 4-Nitrophenol	14.948	139	116198	96.590	ng	# 77
57) 2,4-Dinitrotoluene	15.089	165	104313	49.117	ng	# 88
58) Fluorene	15.776	166	327174	47.445	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.359	232	104986	48.461	ng	99
60) Diethylphthalate	15.541	149	347944	46.443	ng	99
61) 4-Chlorophenyl-phenyle...	15.765	204	183908	47.047	ng	98
62) 4-Nitroaniline	15.800	138	74348	44.668	ng	# 82
63) Azobenzene	16.058	77	350663	46.424	ng	98
65) 4,6-Dinitro-2-methylph...	15.859	198	64757	42.945	ng	92
66) n-Nitrosodiphenylamine	15.982	169	293691	47.253	ng	99
67) 4-Bromophenyl-phenylether	16.658	248	130661	47.180	ng	95
68) Hexachlorobenzene	16.787	284	143825	47.955	ng	92
69) Atrazine	16.922	200	127801	52.641	ng	98
70) Pentachlorophenol	17.133	266	163928	100.011	ng	89
71) Phenanthrene	17.521	178	558054	47.271	ng	97
72) Anthracene	17.609	178	562447	48.090	ng	99
73) Carbazole	17.879	167	519121	45.661	ng	99
74) Di-n-butylphthalate	18.426	149	601437	46.645	ng	98
75) Fluoranthene	19.524	202	715300	47.269	ng	99
77) Benzidine	19.701	184	364442	62.064	ng	98
78) Pyrene	19.889	202	712800	48.630	ng	99
80) Butylbenzylphthalate	20.764	149	263872	48.287	ng	99
81) Benzo(a)anthracene	21.739	228	690006	49.035	ng	98
82) 3,3'-Dichlorobenzidine	21.651	252	150706	29.121	ng	99
83) Chrysene	21.809	228	628060	48.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	365370	49.464	ng	100
85) Di-n-octyl phthalate	22.867	149	617652	49.998	ng	98
87) Indeno(1,2,3-cd)pyrene	28.835	276	776076	48.435	ng	# 95
88) Benzo(b)fluoranthene	24.012	252	723153	53.144	ng	97
89) Benzo(k)fluoranthene	24.083	252	658360	49.228	ng	99
90) Benzo(a)pyrene	24.905	252	685231	59.111	ng	98
91) Dibenzo(a,h)anthracene	28.900	278	665879	50.492	ng	98
92) Benzo(g,h,i)perylene	30.022	276	668709	51.446	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.110 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

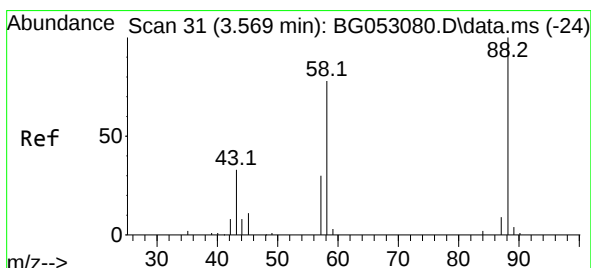
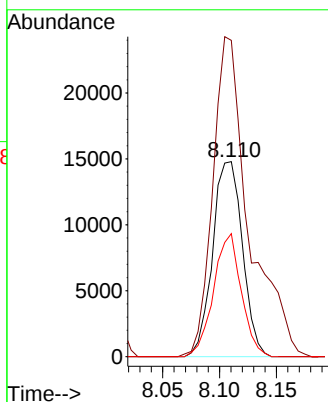
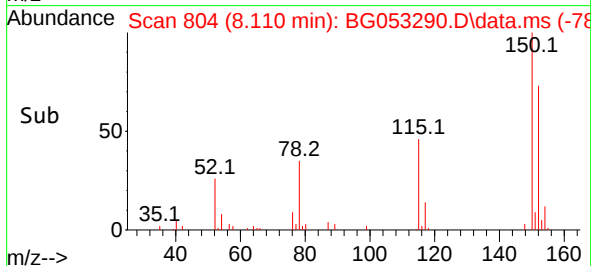
Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD



Tgt Ion:152 Resp: 2699
 Ion Ratio Lower Upper
 152 100
 150 162.1 114.6 172.0
 115 63.0 45.9 68.9

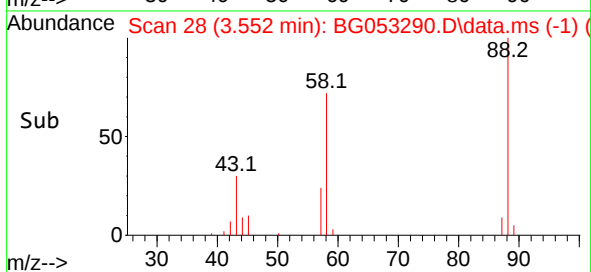
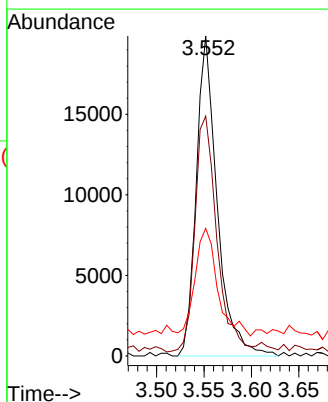
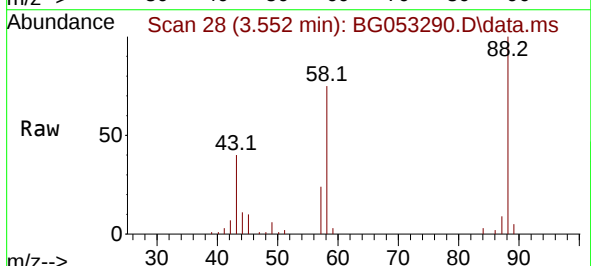
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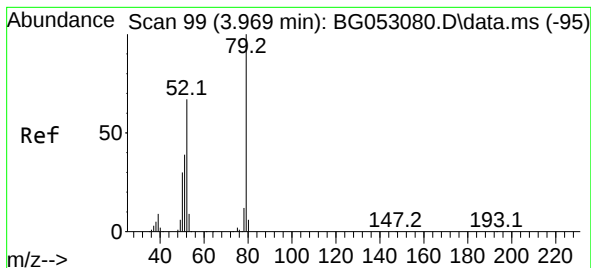
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#2
 1,4-Dioxane
 Concen: 40.560 ng
 RT: 3.552 min Scan# 28
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

Tgt Ion: 88 Resp: 30508
 Ion Ratio Lower Upper
 88 100
 58 76.9 58.2 87.2
 43 35.9 23.4 35.0#





#3

Pyridine

Concen: 39.826 ng

RT: 3.951 min Scan# 90

Delta R.T. -0.009 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

Instrument :

BNA_G

ClientSampleId :

MH-5SMSD

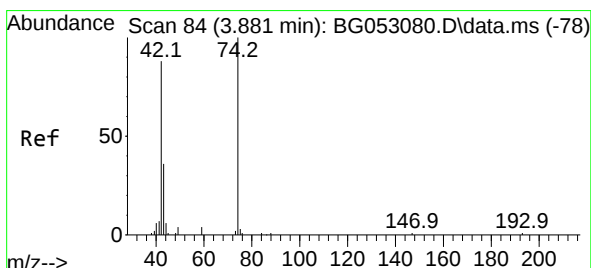
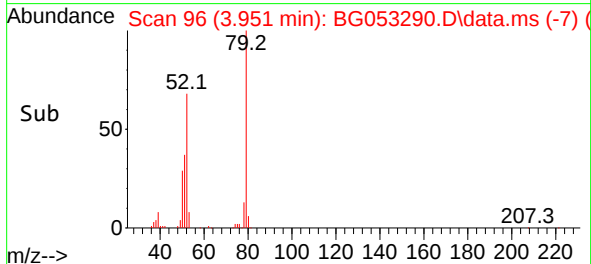
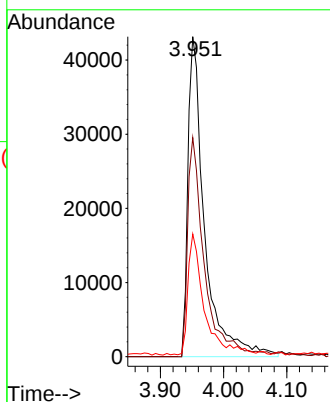
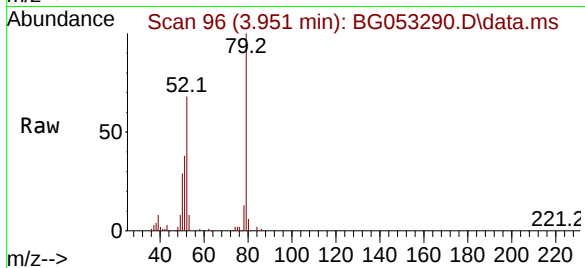
Tgt Ion: 79	Resp: 7900
Ion Ratio	Lower Upper
79	100
52	68.4 50.9 76.3
51	38.3 24.4 36.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.631 ng

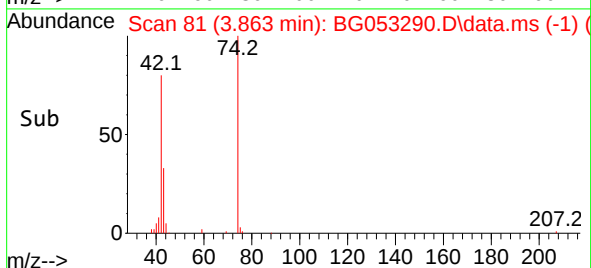
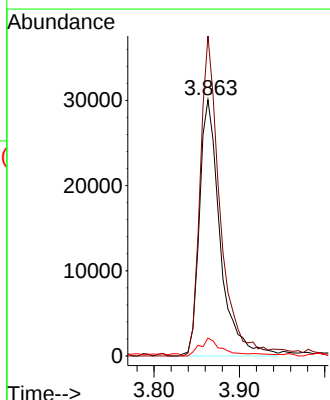
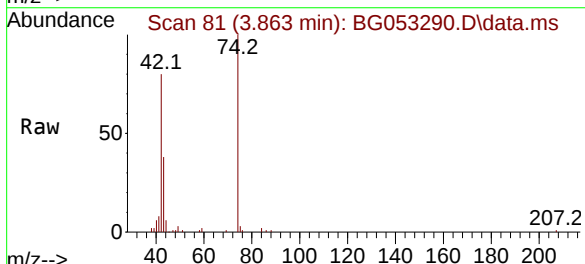
RT: 3.863 min Scan# 81

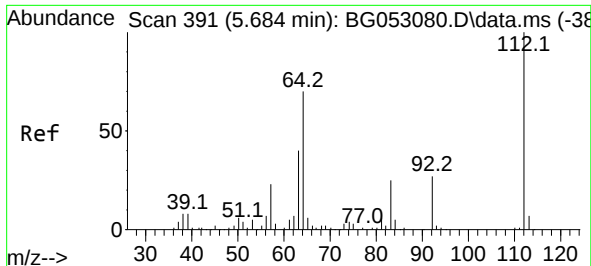
Delta R.T. -0.003 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

Tgt Ion: 42	Resp: 50722
Ion Ratio	Lower Upper
42	100
74	124.9 108.9 163.3
44	7.0 5.7 8.5





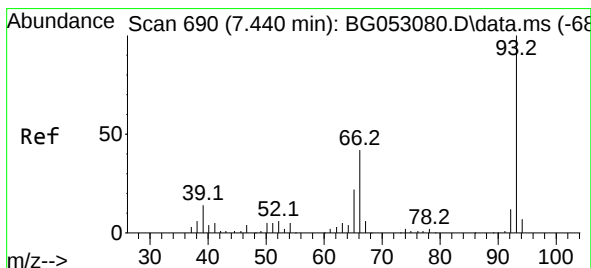
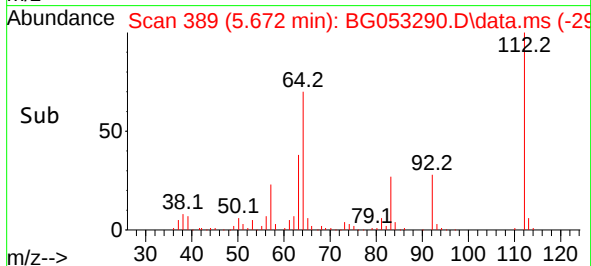
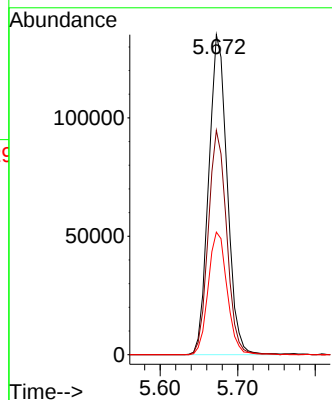
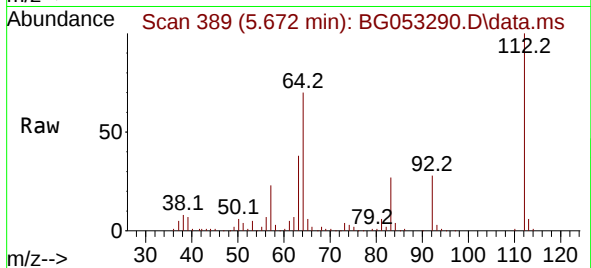
#5
2-Fluorophenol
Concen: 142.215 ng
RT: 5.672 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
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ClientSampleId :
MH-5SMSD

Tgt Ion:112 Resp: 223994
Ion Ratio Lower Upper
112 100
64 70.1 48.0 72.0
63 38.3 26.5 39.7

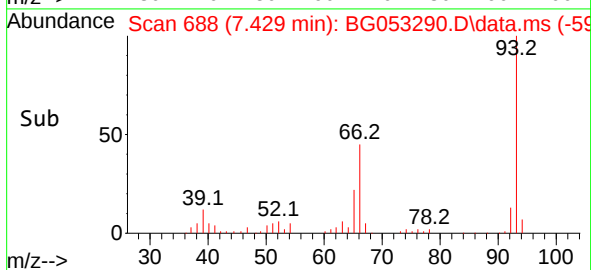
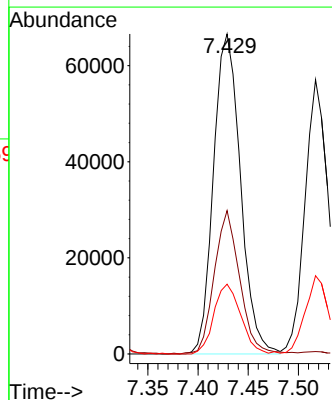
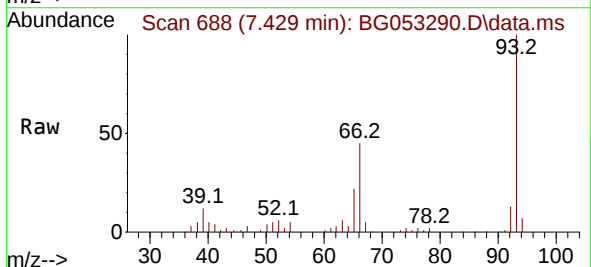
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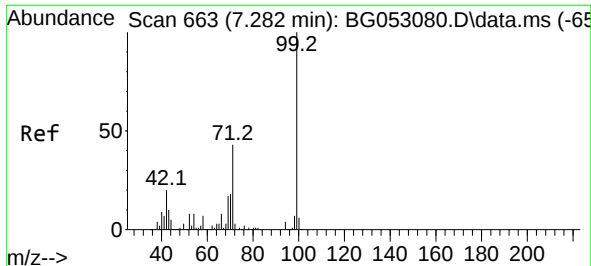
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#6
Aniline
Concen: 44.239 ng
RT: 7.429 min Scan# 688
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion: 93 Resp: 124528
Ion Ratio Lower Upper
93 100
66 44.8 31.3 46.9
65 21.8 16.7 25.1





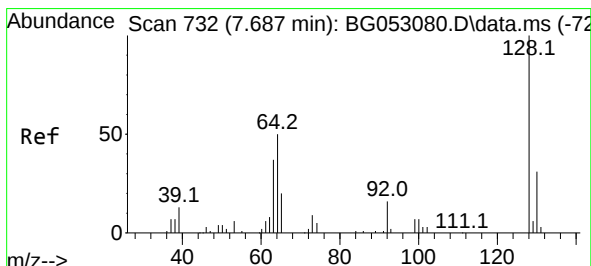
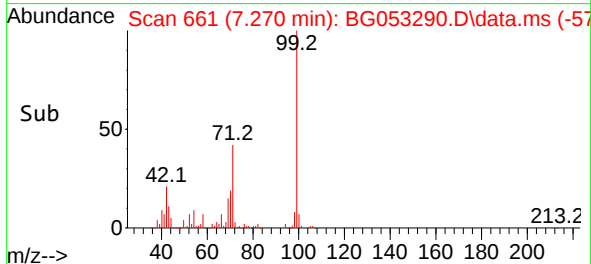
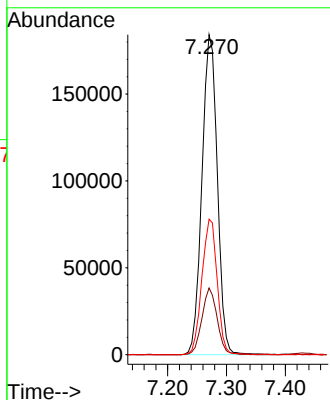
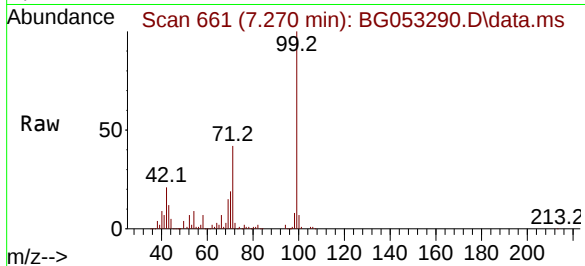
#7
Phenol-d6
Concen: 137.466 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
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ClientSampleId :
MH-5SMSD

Tgt Ion: 99 Resp: 33388
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 42.4 29.2 43.8

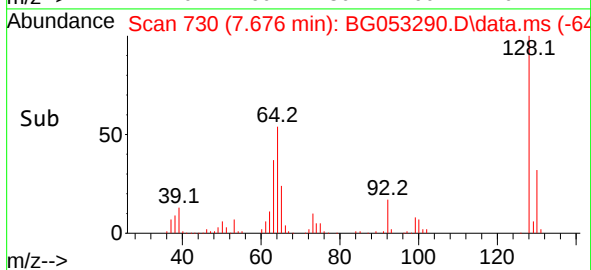
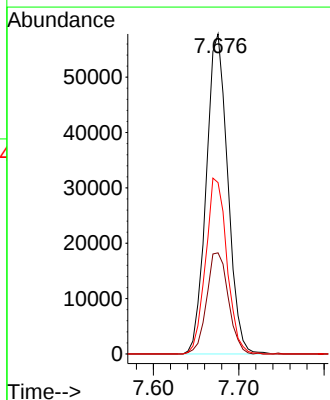
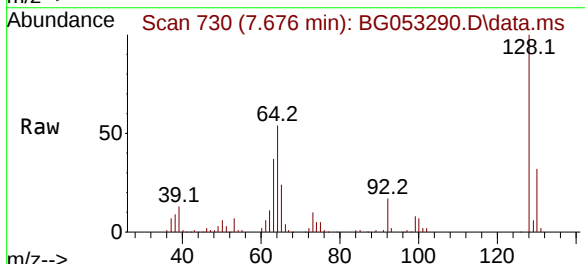
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#8
2-Chlorophenol
Concen: 59.509 ng
RT: 7.676 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

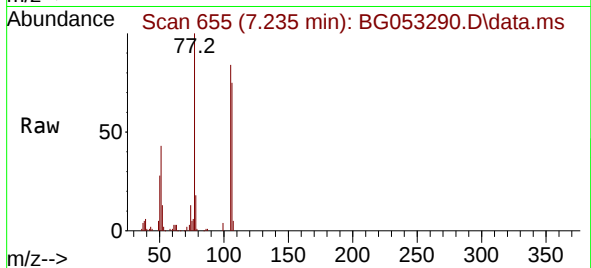
Tgt Ion:128 Resp: 101188
Ion Ratio Lower Upper
128 100
130 31.6 13.4 53.4
64 53.5 30.9 70.9





#9
Benzaldehyde
Concen: 50.128 ng m
RT: 7.235 min Scan# 658
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

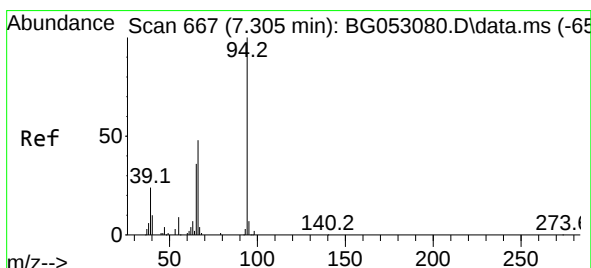
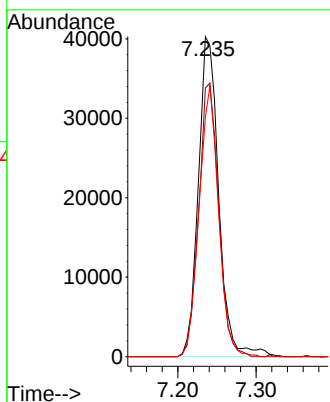
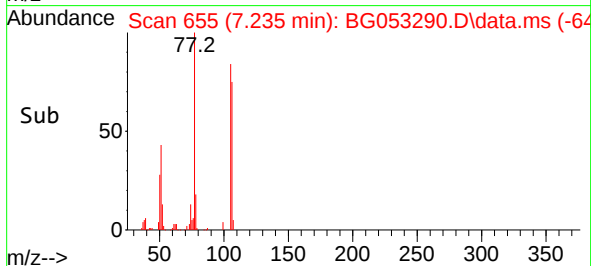
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



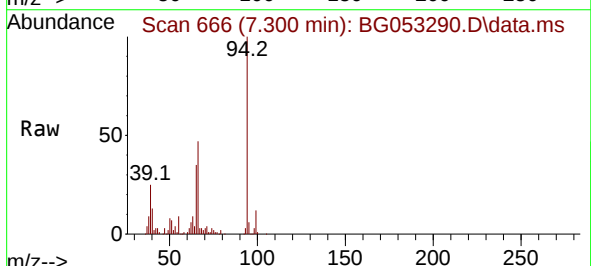
Tgt Ion: 77 Resp: 72779
Ion Ratio Lower Upper
77 100
105 84.0 70.6 110.6
106 74.8 67.6 107.6

Manual Integrations
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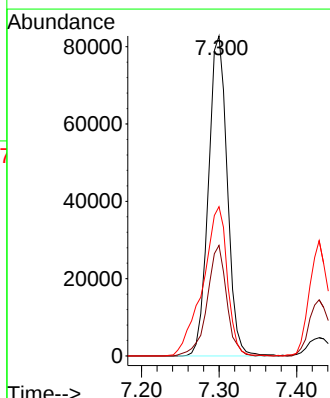
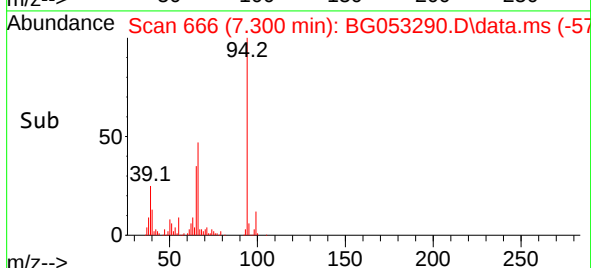
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#10
Phenol
Concen: 57.707 ng
RT: 7.300 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion: 94 Resp: 139518
Ion Ratio Lower Upper
94 100
65 34.6 11.1 51.1
66 46.6 20.0 60.0





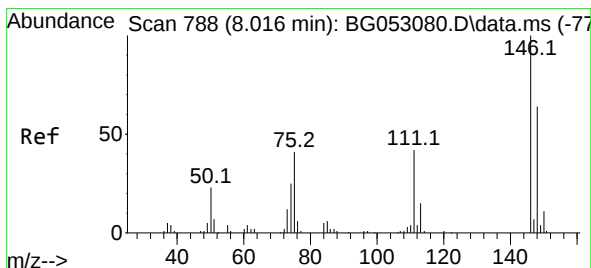
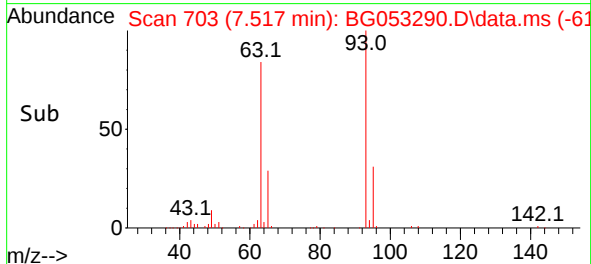
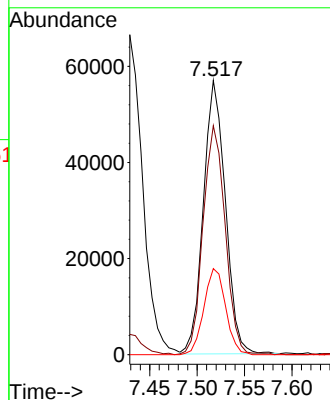
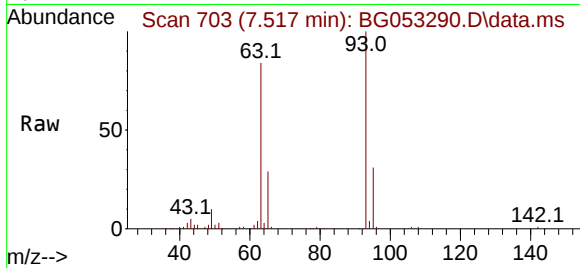
#11
bis(2-Chloroethyl)ether
Concen: 52.643 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion: 93 Resp: 9174
Ion Ratio Lower Upper
93 100
63 83.5 56.9 96.9
95 31.4 14.5 54.5

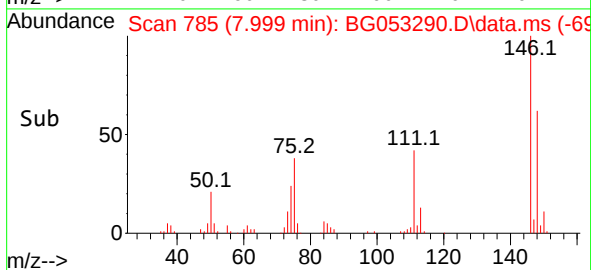
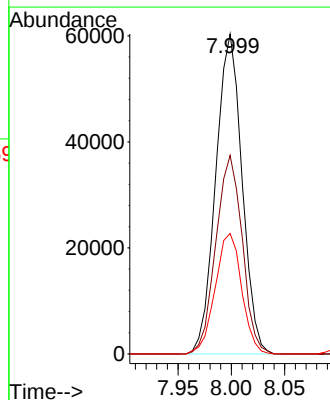
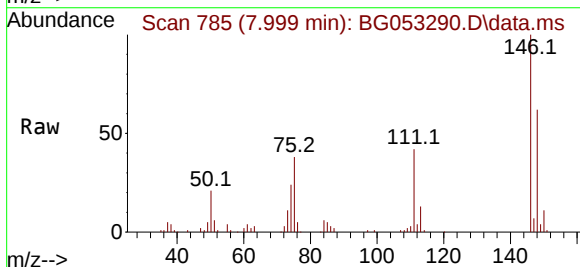
Manual Integrations
APPROVED

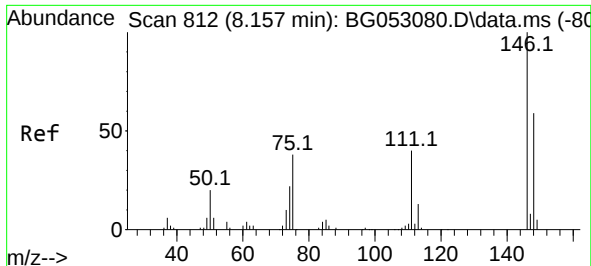
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#12
1,3-Dichlorobenzene
Concen: 52.251 ng
RT: 7.999 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:146 Resp: 103242
Ion Ratio Lower Upper
146 100
148 62.1 50.6 76.0
75 37.7 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 51.781 ng

RT: 8.140 min Scan# 809

Delta R.T. -0.009 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

Instrument :

BNA_G

ClientSampleId :

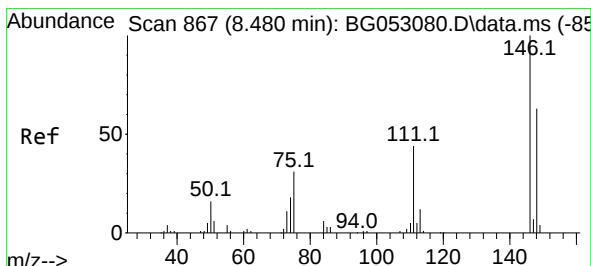
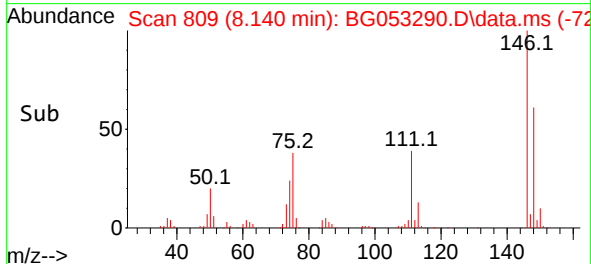
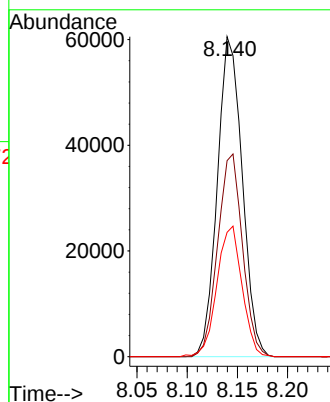
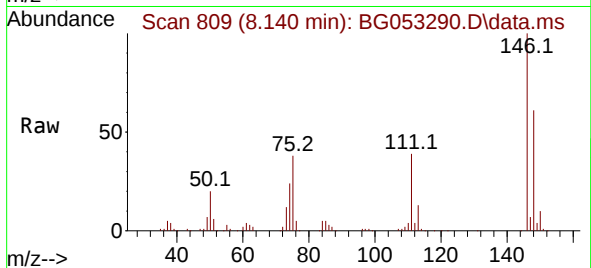
MH-5SMSD

Tgt Ion:146 Resp: 104300
 Ion Ratio Lower Upper
 146 100
 148 61.3 50.0 75.0
 111 38.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#14

1,2-Dichlorobenzene

Concen: 52.226 ng

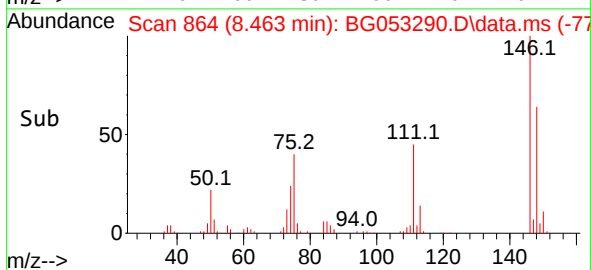
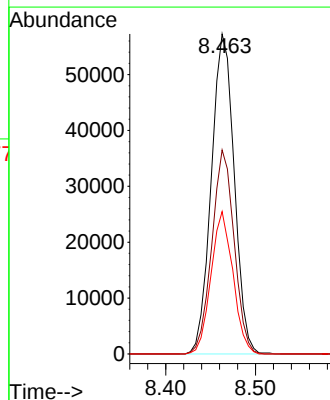
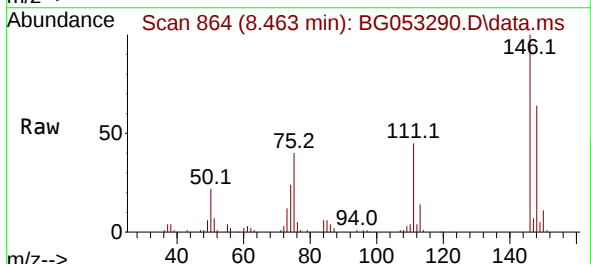
RT: 8.463 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

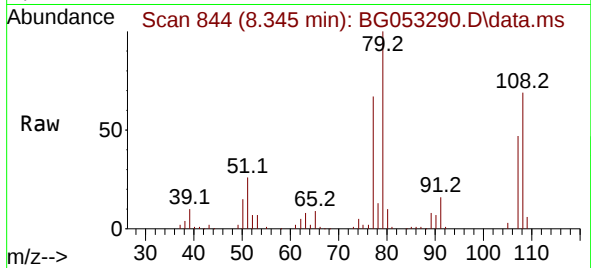
Tgt Ion:146 Resp: 101450
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 44.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 52.509 ng m
RT: 8.345 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

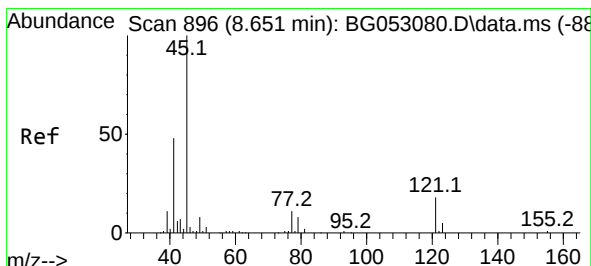
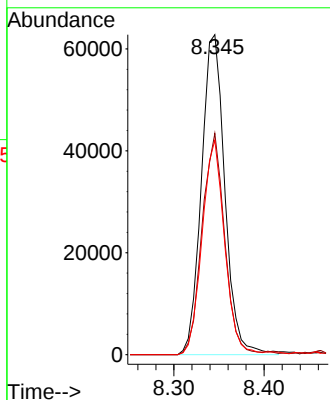
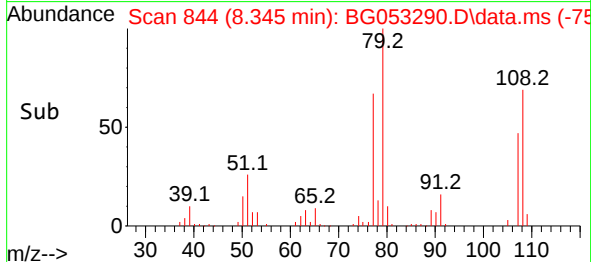
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion: 79 Resp: 11336
Ion Ratio Lower Upper
79 100
108 69.1 55.1 82.7
77 67.0 52.4 78.6

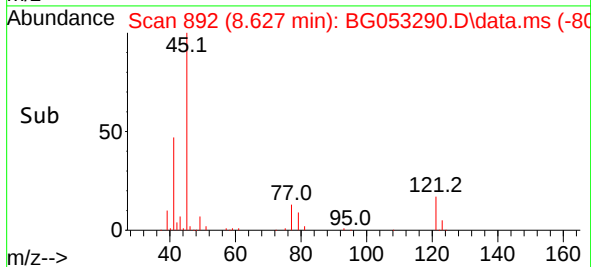
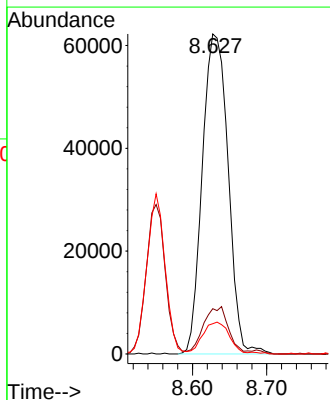
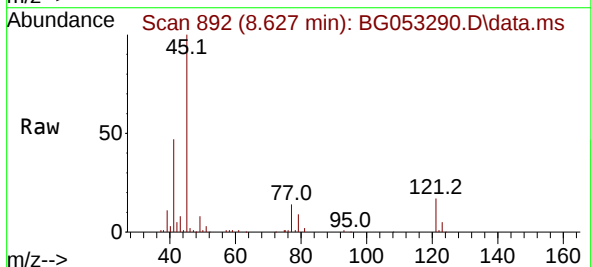
Manual Integrations
APPROVED

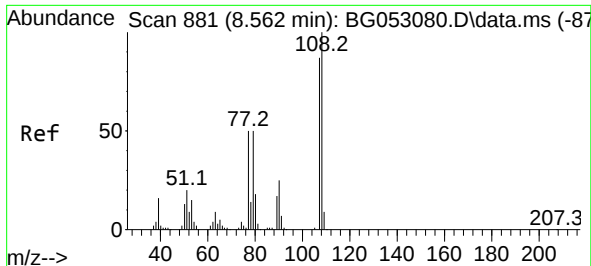
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.686 ng
RT: 8.627 min Scan# 892
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

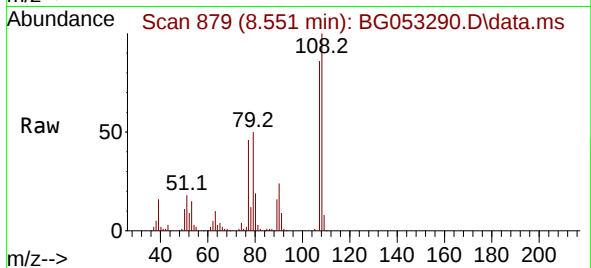
Tgt Ion: 45 Resp: 150389
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.9
79 9.5 0.0 30.7





#17
2-Methylphenol
Concen: 57.285 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

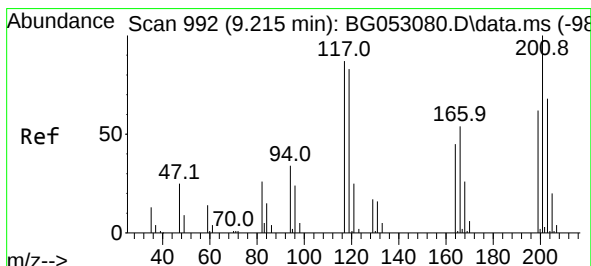
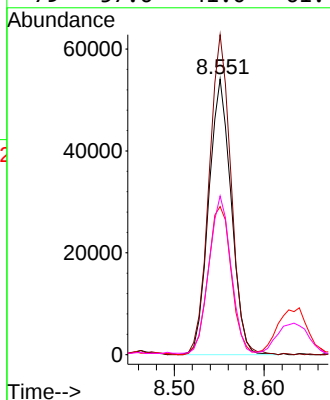
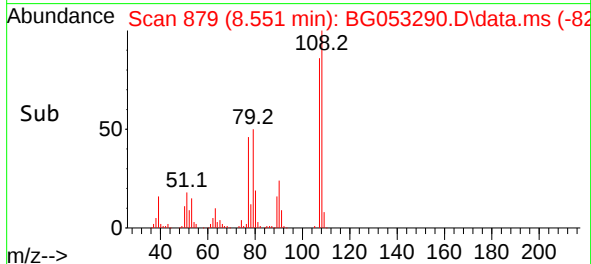
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:	107	Resp:	9372
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.5	137.3
77	53.7	42.5	63.7
79	57.6	41.0	61.4

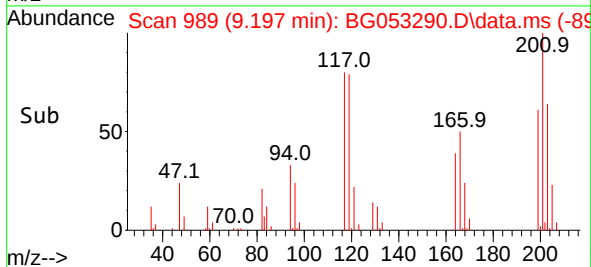
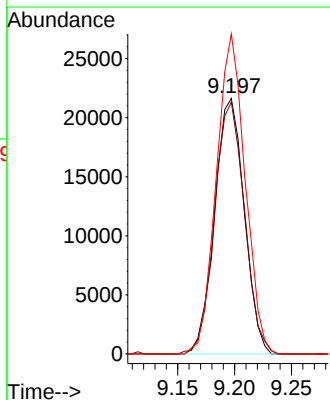
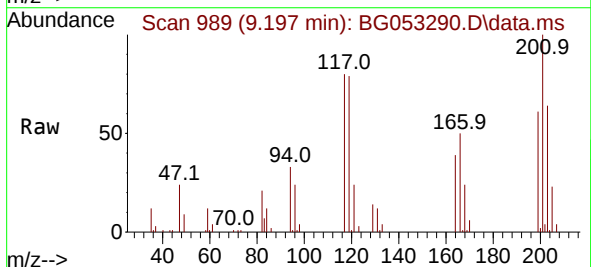
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#18
Hexachloroethane
Concen: 51.684 ng
RT: 9.197 min Scan# 989
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

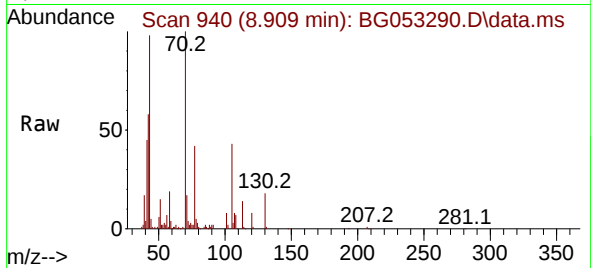
Tgt Ion:	117	Resp:	39041
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.1	112.7
201	125.2	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 51.526 ng
RT: 8.909 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

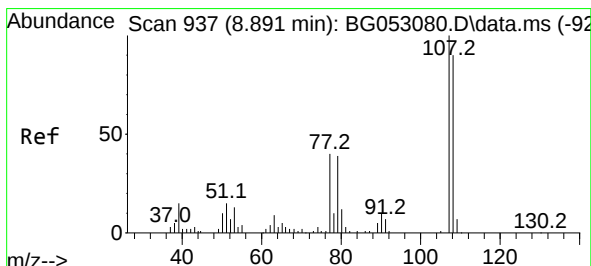
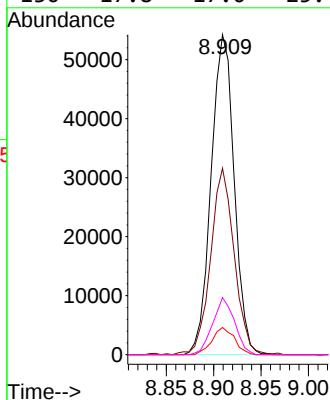
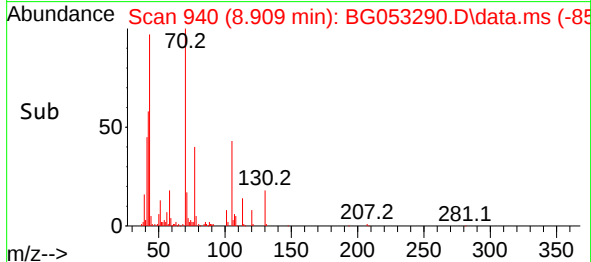
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



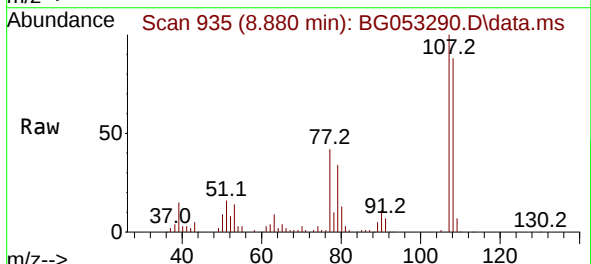
Tgt Ion: 70 Resp: 91623
Ion Ratio Lower Upper
70 100
42 58.2 46.0 69.0
101 8.5 6.2 9.4
130 17.8 17.0 25.4

Manual Integrations
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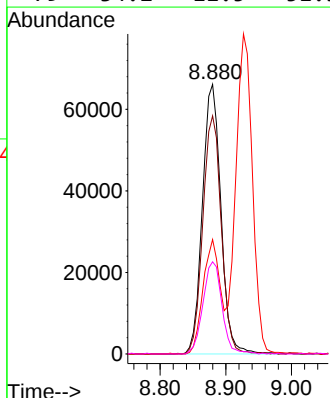
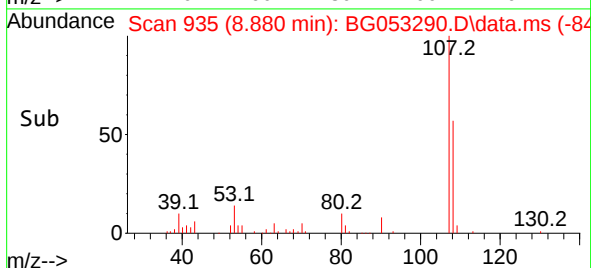
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

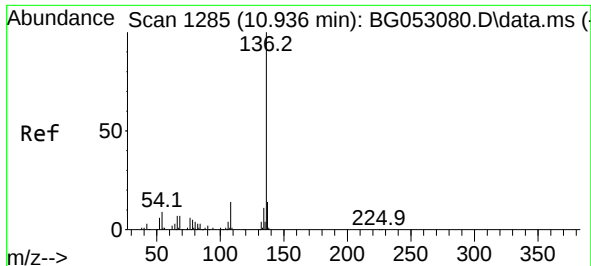


#20
3+4-Methylphenols
Concen: 56.038 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



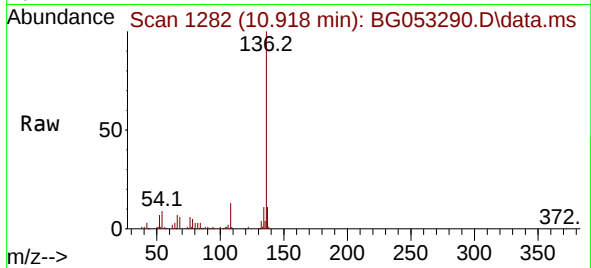
Tgt Ion:107 Resp: 129424
Ion Ratio Lower Upper
107 100
108 88.3 64.8 104.8
77 42.4 15.9 55.9
79 34.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 117040
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

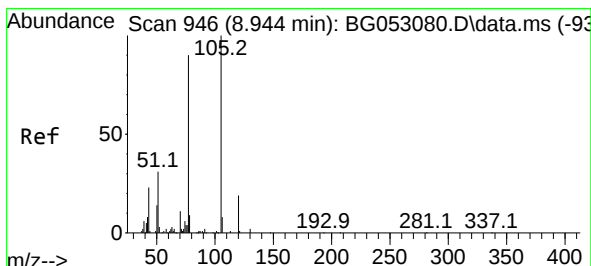
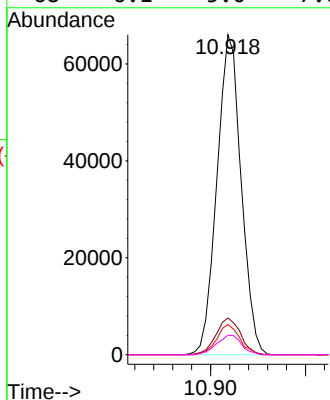
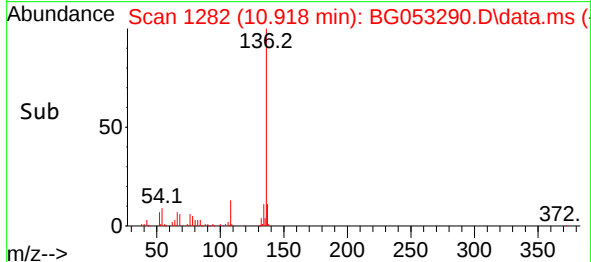
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



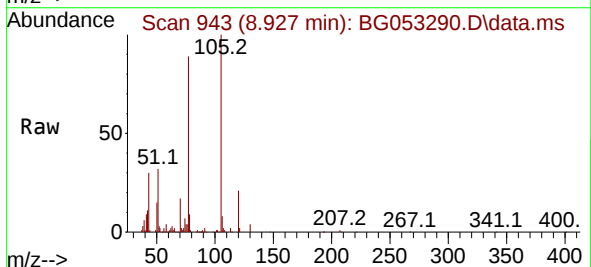
Tgt Ion:	136	Resp:	117040
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	9.4	6.4	9.6
68	6.1	5.0	7.6

Manual Integrations
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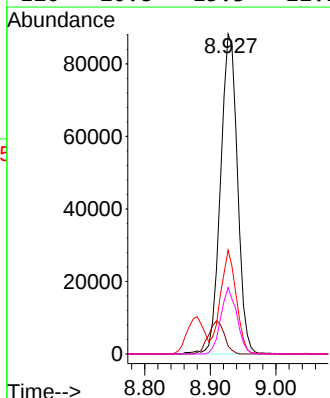
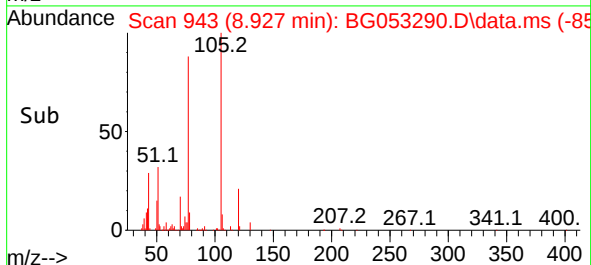
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

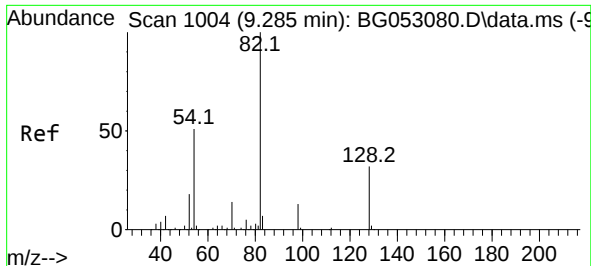


#22
Acetophenone
Concen: 48.524 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



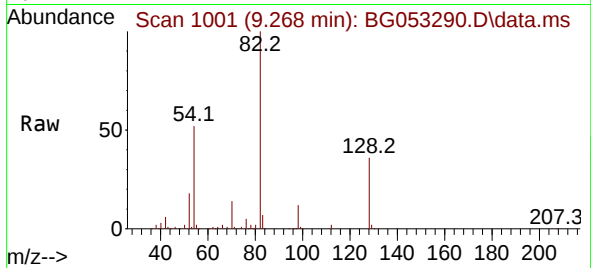
Tgt Ion:	105	Resp:	157568
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.1	3.1
51	32.5	21.9	32.9
120	20.8	15.3	22.9





#23
Nitrobenzene-d5
Concen: 79.111 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

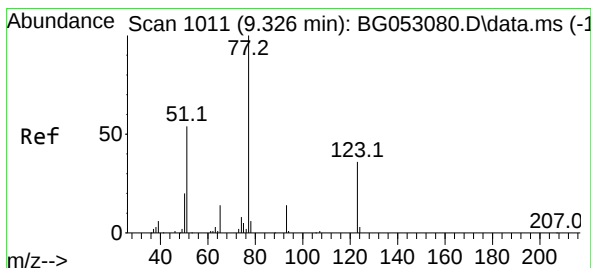
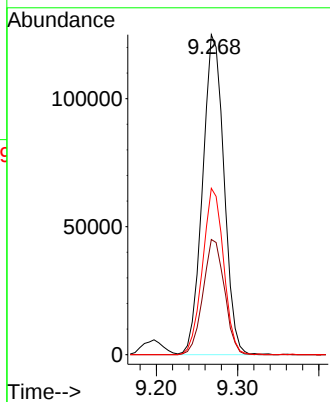
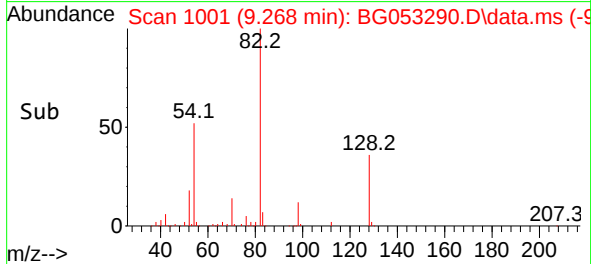
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion: 82 Resp: 22805
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 52.0 37.8 56.8

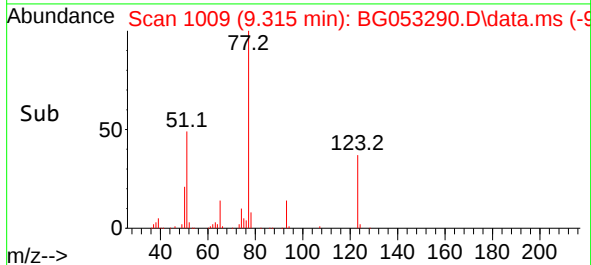
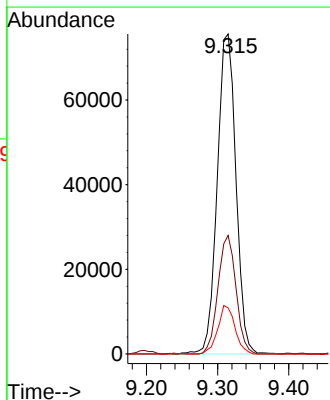
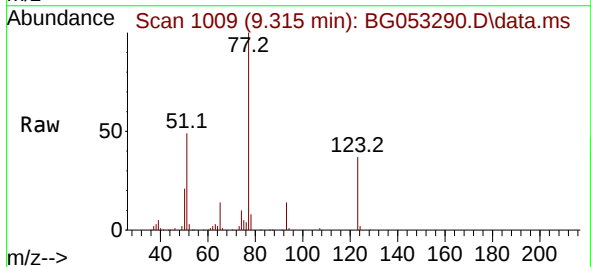
Manual Integrations
APPROVED

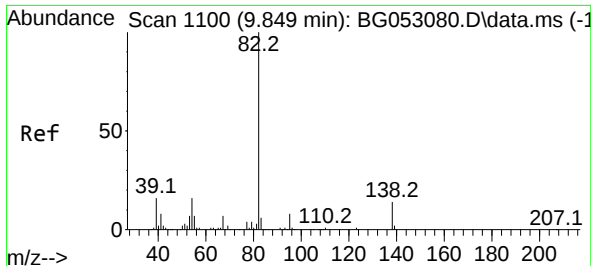
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#24
Nitrobenzene
Concen: 49.079 ng
RT: 9.315 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion: 77 Resp: 137613
Ion Ratio Lower Upper
77 100
123 37.1 34.4 51.6
65 14.4 11.2 16.8





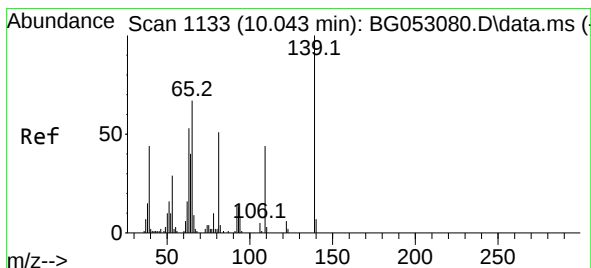
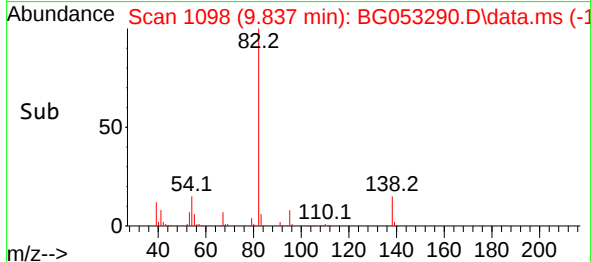
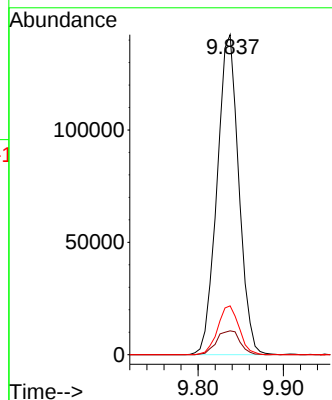
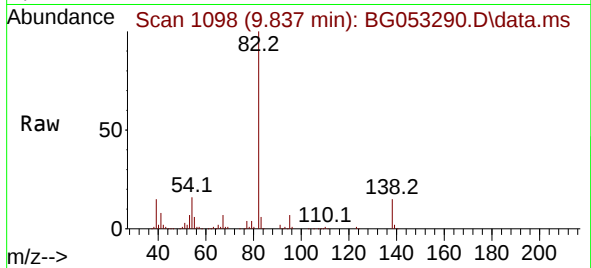
#25
Isophorone
Concen: 51.409 ng
RT: 9.837 min Scan# 1098
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion: 82 Resp: 25188
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 15.3 12.6 18.8

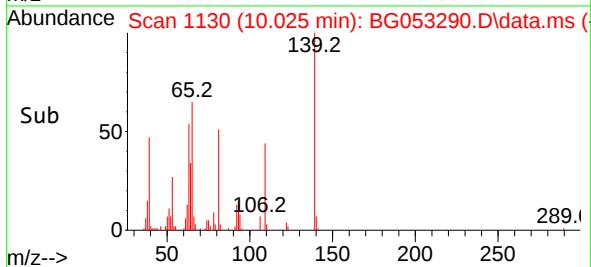
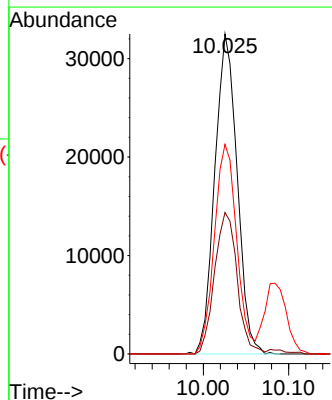
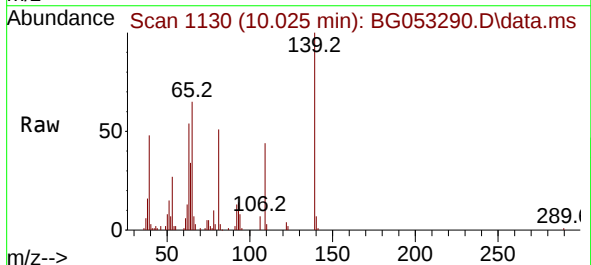
Manual Integrations
APPROVED

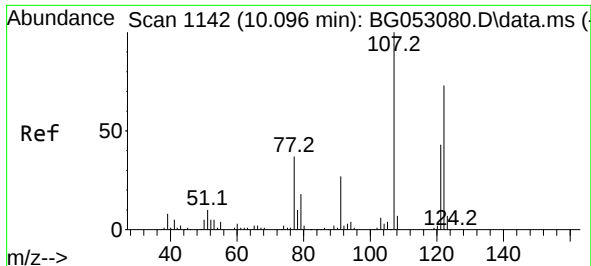
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#26
2-Nitrophenol
Concen: 50.434 ng
RT: 10.025 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:139 Resp: 59132
Ion Ratio Lower Upper
139 100
109 44.2 29.4 44.0#
65 65.5 48.2 72.2





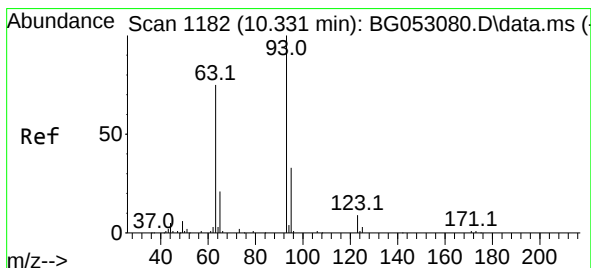
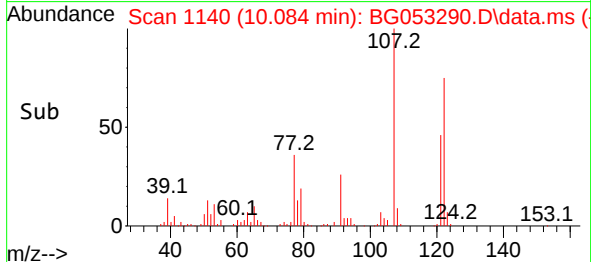
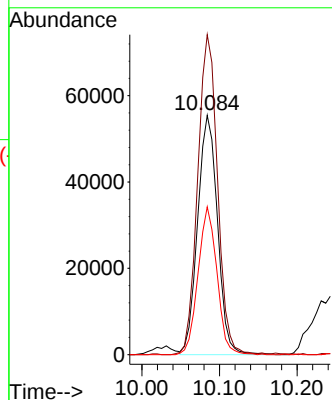
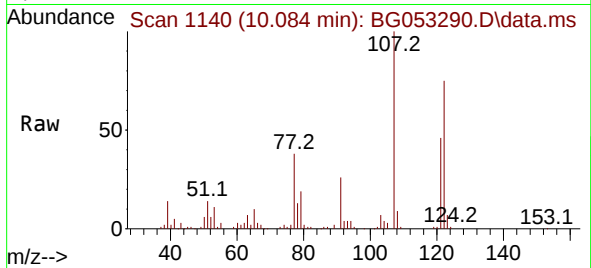
#27
2,4-Dimethylphenol
Concen: 58.827 ng
RT: 10.084 min Scan# 1142
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:122 Resp: 9878
Ion Ratio Lower Upper
122 100
107 133.7 96.7 145.1
121 61.7 46.3 69.5

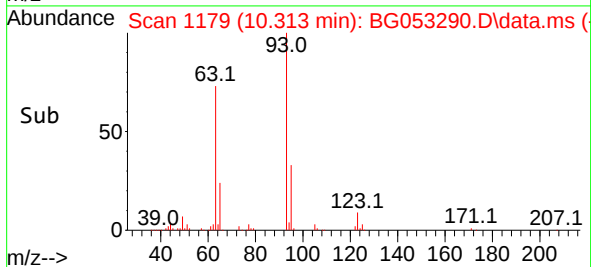
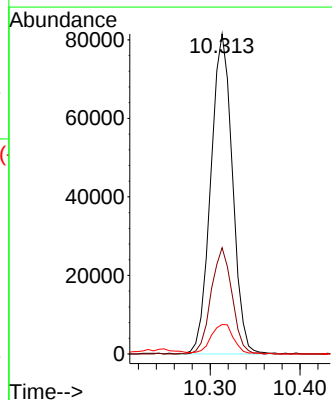
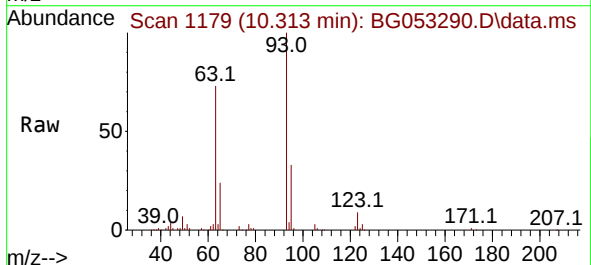
Manual Integrations
APPROVED

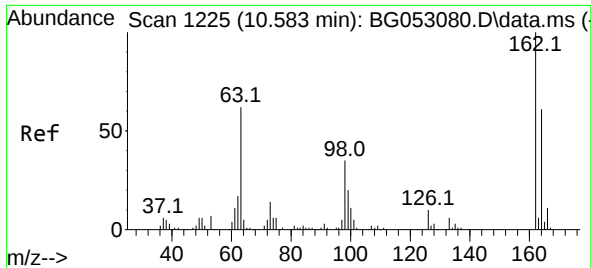
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.496 ng
RT: 10.313 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

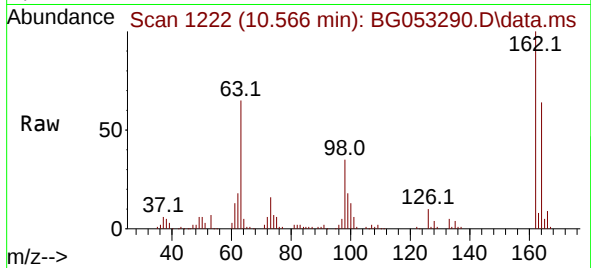
Tgt Ion: 93 Resp: 136246
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 9.2 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 51.637 ng
RT: 10.566 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

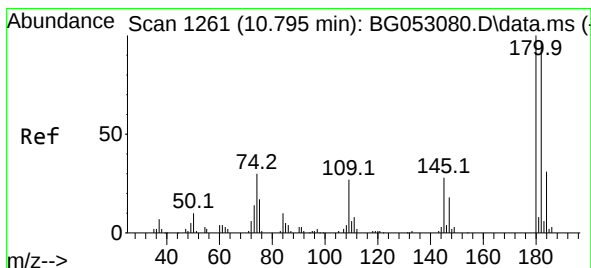
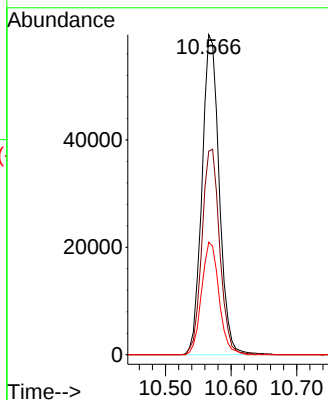
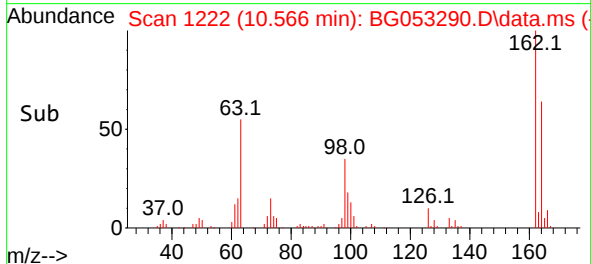
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



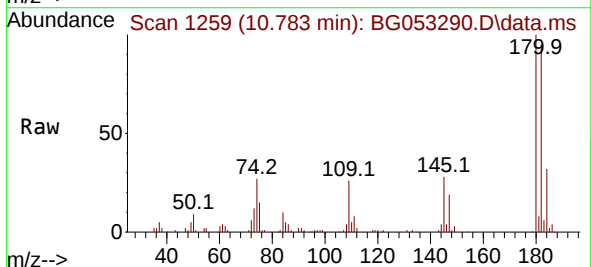
Tgt Ion:162 Resp: 109004
Ion Ratio Lower Upper
162 100
164 63.6 44.0 84.0
98 35.2 17.3 57.3

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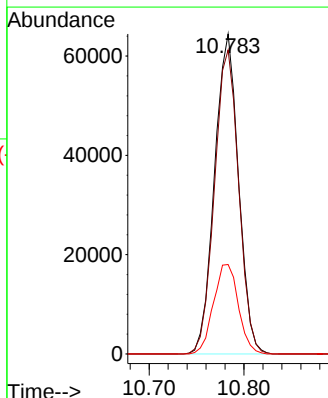
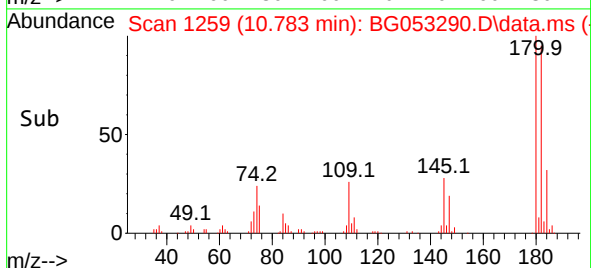
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#30
1,2,4-Trichlorobenzene
Concen: 47.344 ng
RT: 10.783 min Scan# 1259
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:180 Resp: 113113
Ion Ratio Lower Upper
180 100
182 95.0 77.8 116.6
145 28.0 24.4 36.6





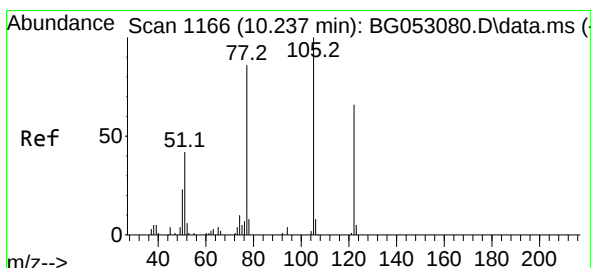
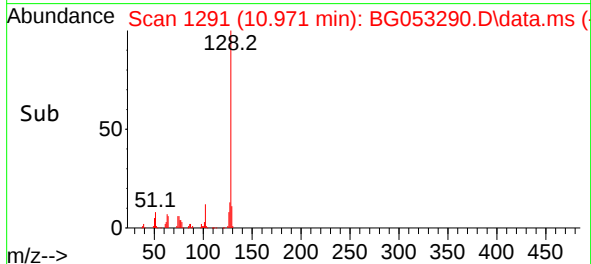
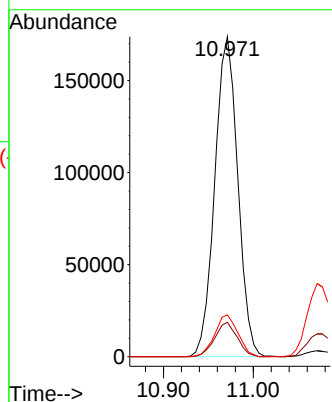
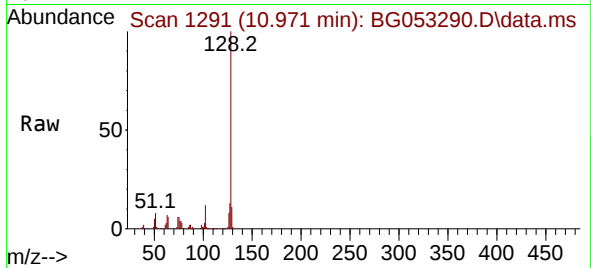
#31
Naphthalene
Concen: 49.467 ng
RT: 10.971 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:128 Resp: 308904
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.5 15.7

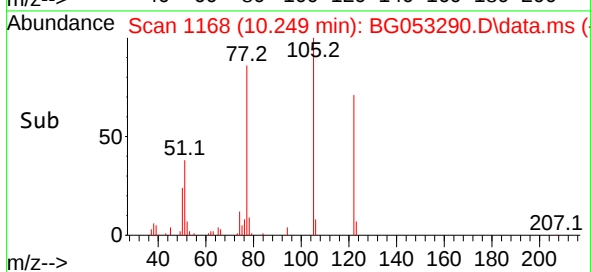
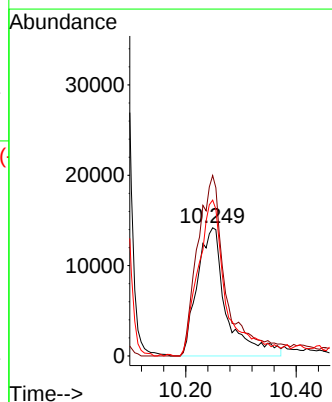
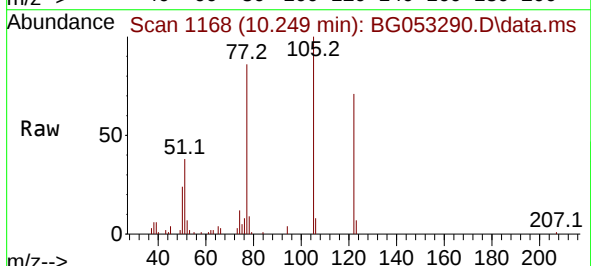
Manual Integrations
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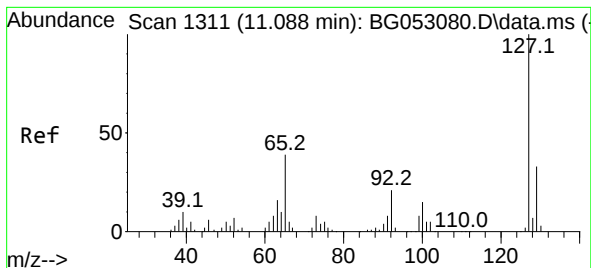
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#32
Benzoic acid
Concen: 47.564 ng m
RT: 10.249 min Scan# 1168
Delta R.T. 0.014 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:122 Resp: 51941
Ion Ratio Lower Upper
122 100
105 140.9 112.8 152.8
77 121.6 78.4 118.4#





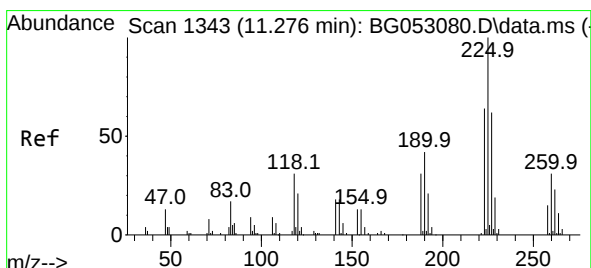
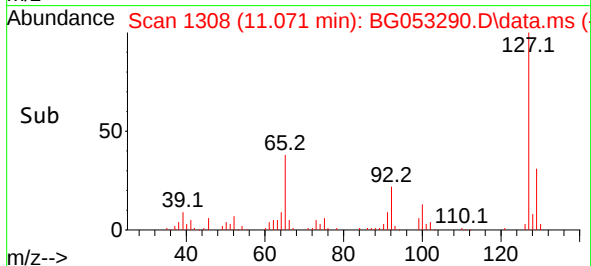
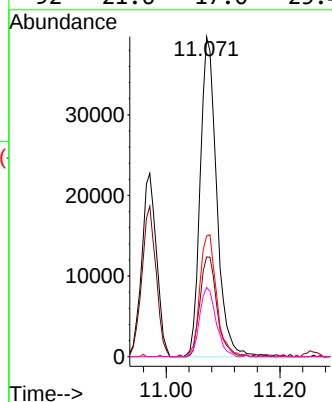
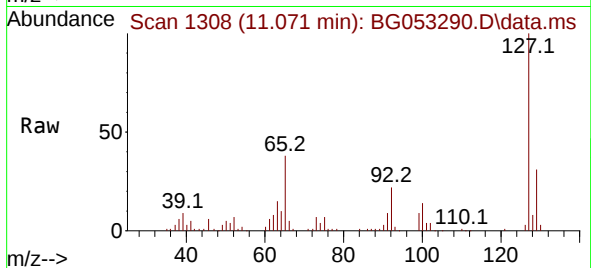
#33
4-Chloroaniline
Concen: 29.947 ng
RT: 11.071 min Scan# 1107
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:127 Resp: 8008
Ion Ratio Lower Upper
127 100
129 31.1 27.6 41.4
65 37.7 28.2 42.4
92 21.6 17.0 25.4

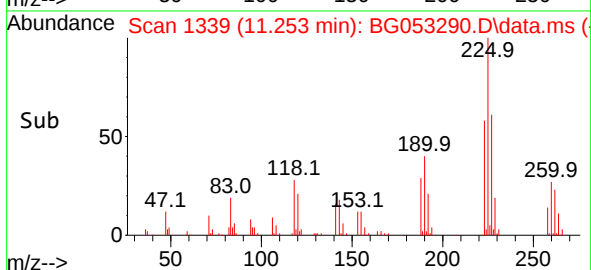
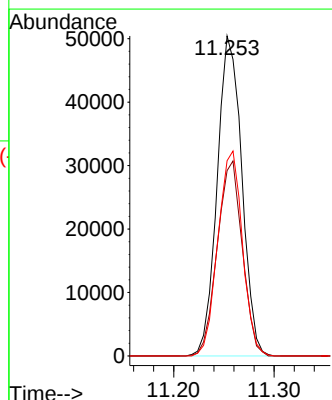
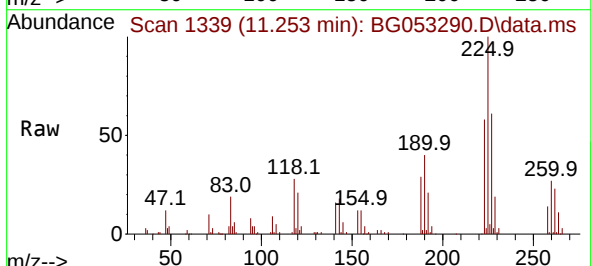
Manual Integrations
APPROVED

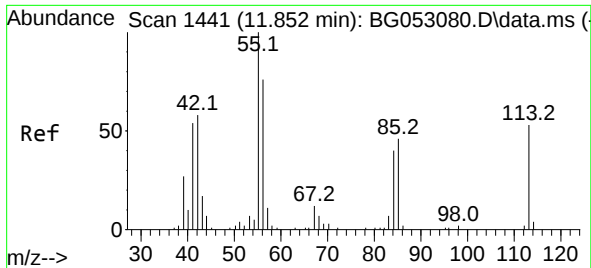
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#34
Hexachlorobutadiene
Concen: 48.372 ng
RT: 11.253 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

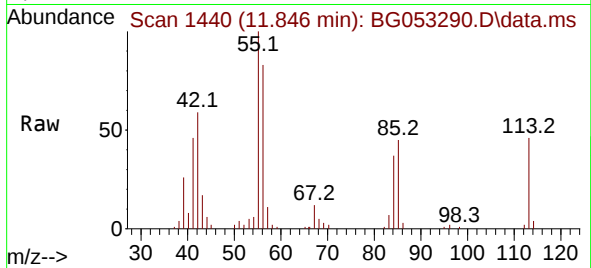
Tgt Ion:225 Resp: 85849
Ion Ratio Lower Upper
225 100
223 57.9 50.2 75.2
227 61.0 52.0 78.0





#35
Caprolactam
Concen: 48.973 ng m
RT: 11.846 min Scan# 1440
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

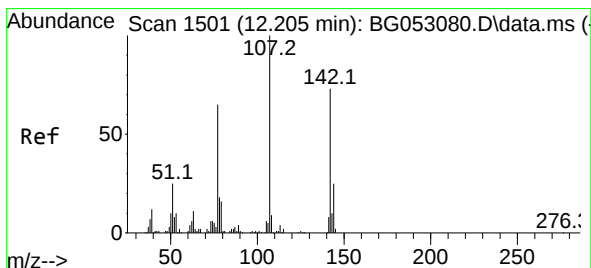
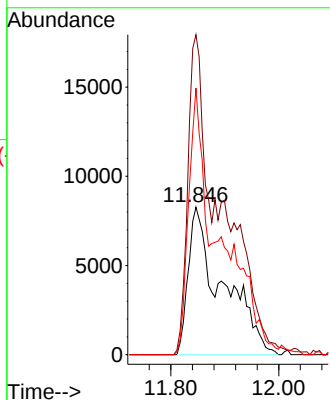
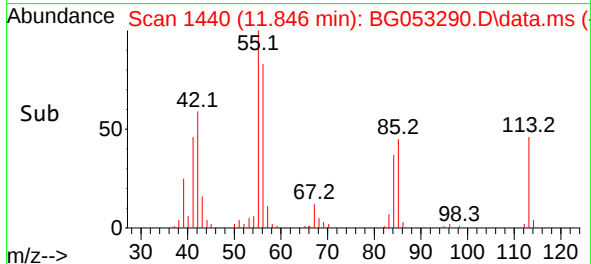
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



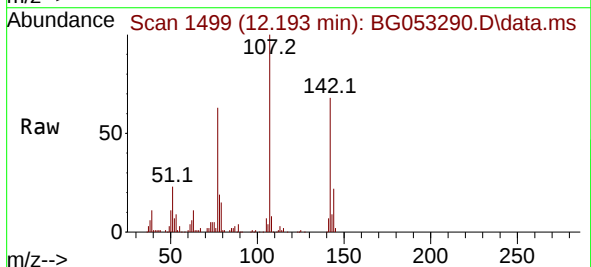
Tgt Ion:113 Resp: 36440
Ion Ratio Lower Upper
113 100
55 216.9 151.3 191.3
56 180.7 128.5 168.5

Manual Integrations
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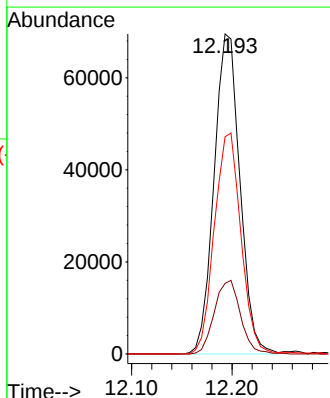
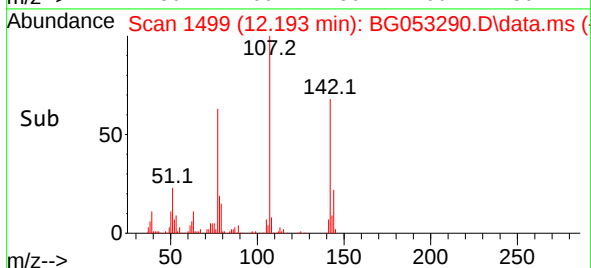
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

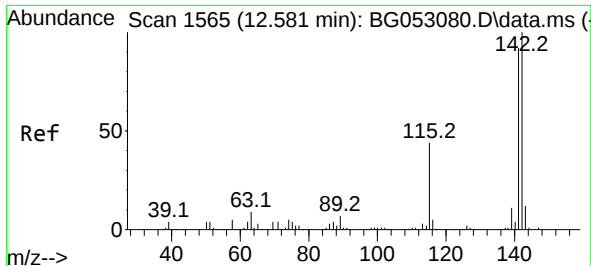


#36
4-Chloro-3-methylphenol
Concen: 50.616 ng
RT: 12.193 min Scan# 1499
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:107 Resp: 124395
Ion Ratio Lower Upper
107 100
144 22.1 21.4 32.0
142 67.9 61.7 92.5





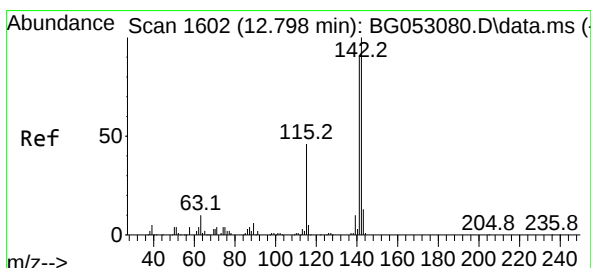
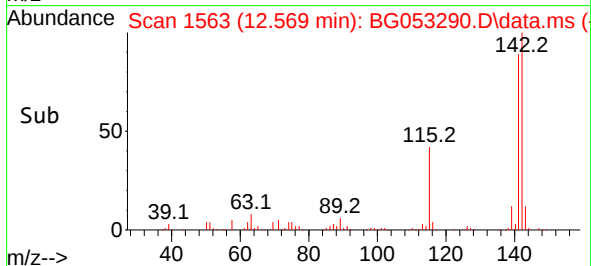
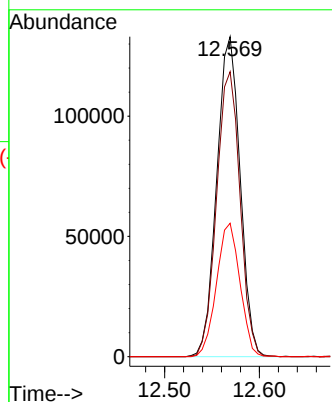
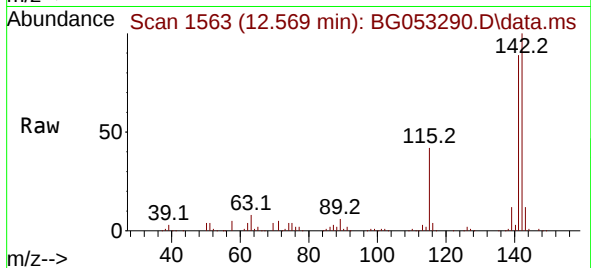
#37
2-Methylnaphthalene
Concen: 49.376 ng
RT: 12.569 min Scan# 1563
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:142 Resp: 22815
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 41.7 29.5 44.3

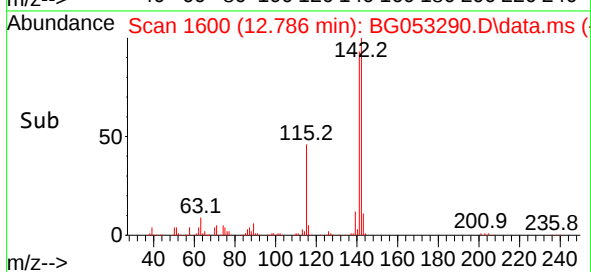
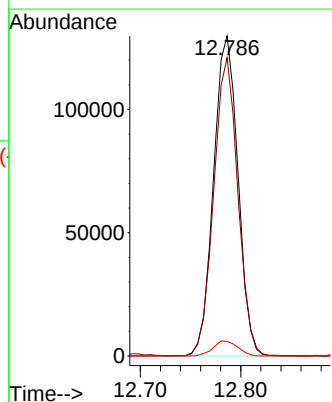
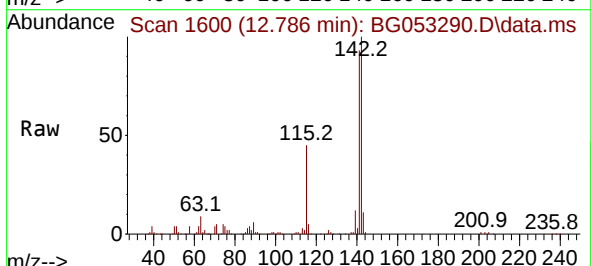
Manual Integrations
APPROVED

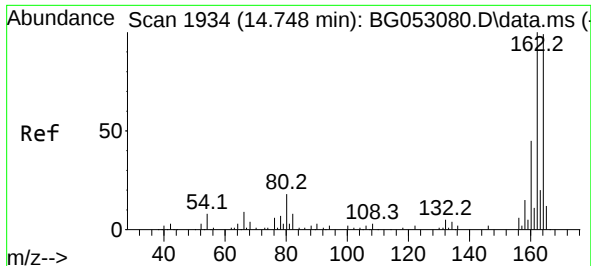
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#38
1-Methylnaphthalene
Concen: 48.464 ng
RT: 12.786 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

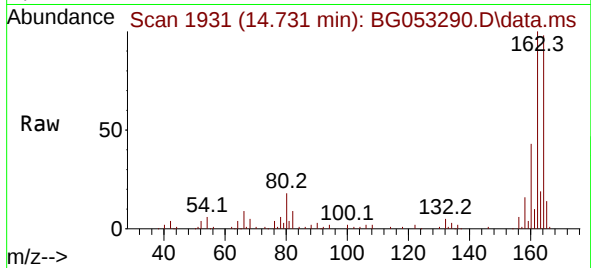
Tgt Ion:142 Resp: 218588
Ion Ratio Lower Upper
142 100
141 93.2 70.5 105.7
116 4.5 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

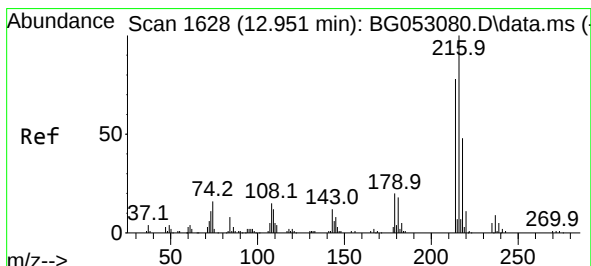
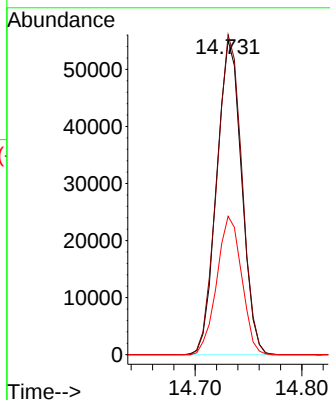
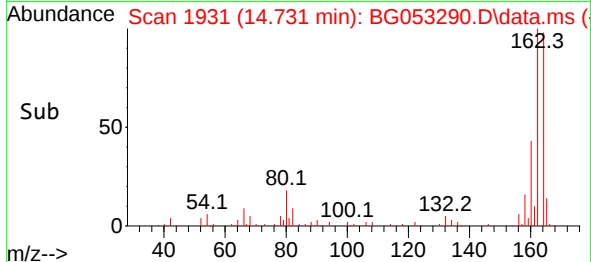
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



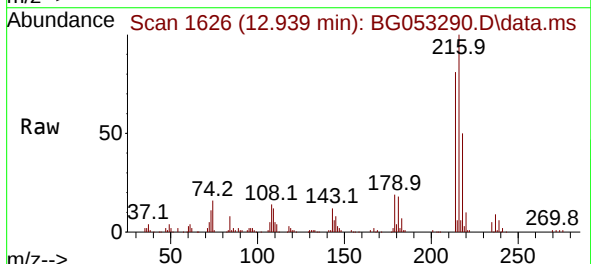
Tgt Ion:164 Resp: 89399
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 44.1 38.8 58.2

Manual Integrations
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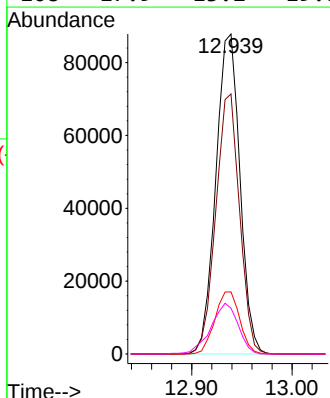
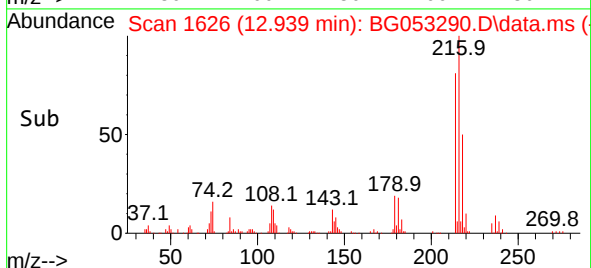
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.264 ng
RT: 12.939 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



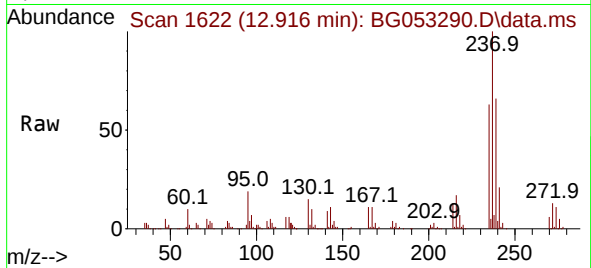
Tgt Ion:216 Resp: 146544
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.6
179 20.0 15.7 23.5
108 17.9 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 95.064 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

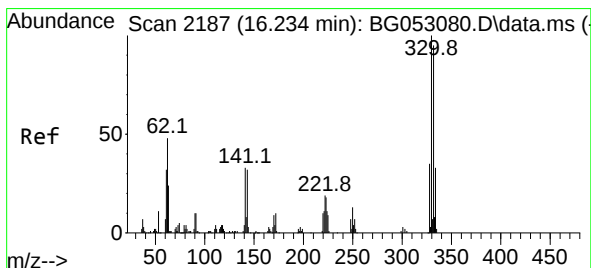
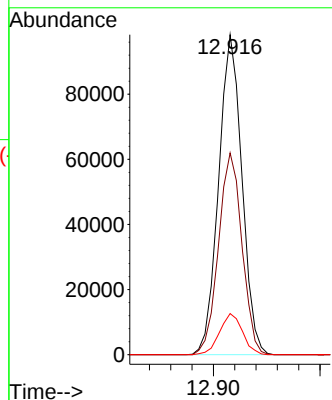
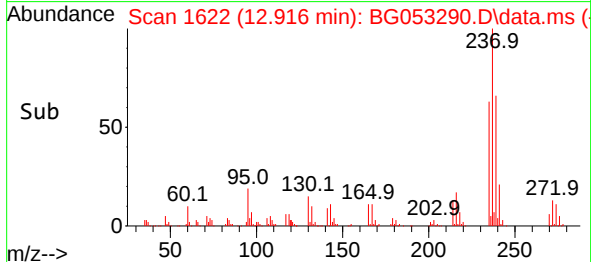
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:237 Resp: 149004
Ion Ratio Lower Upper
237 100
235 63.1 37.7 77.7
272 12.9 0.0 30.7

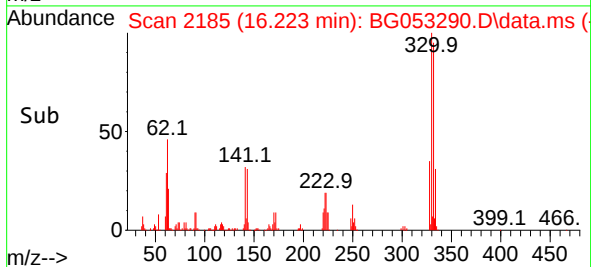
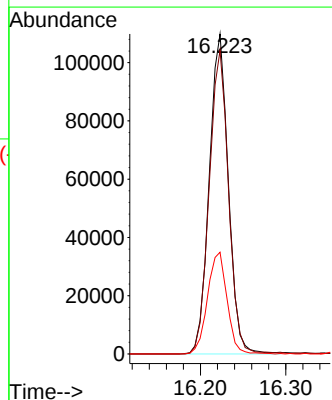
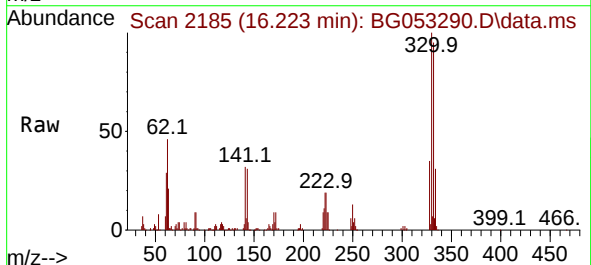
Manual Integrations
APPROVED

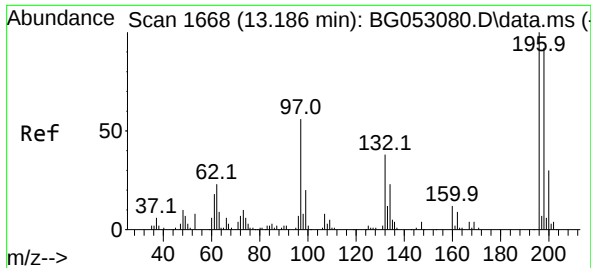
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#42
2,4,6-Tribromophenol
Concen: 120.001 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

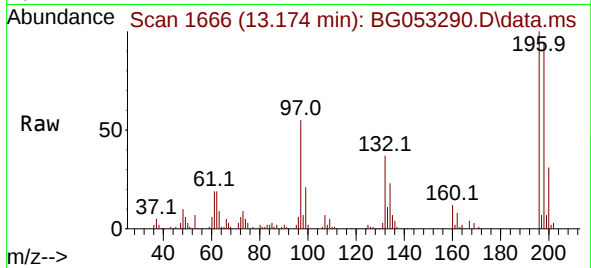
Tgt Ion:330 Resp: 170677
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 32.5 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 48.186 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

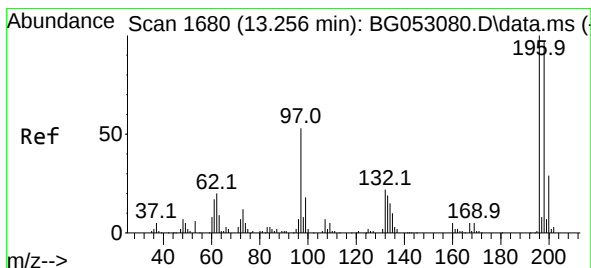
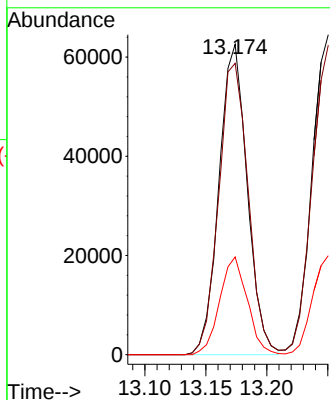
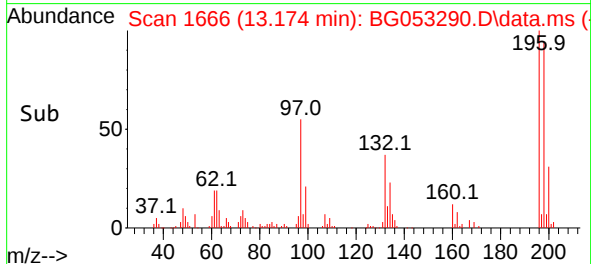
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



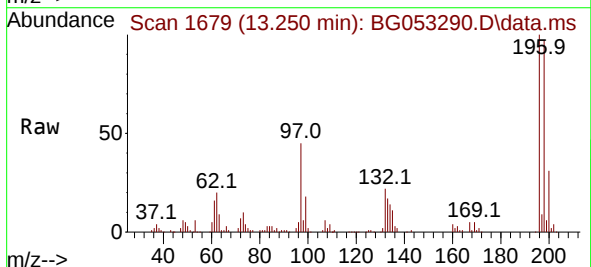
Tgt Ion:196 Resp: 100875
Ion Ratio Lower Upper
196 100
198 93.9 78.8 118.2
200 31.5 25.1 37.7

Manual Integrations
APPROVED

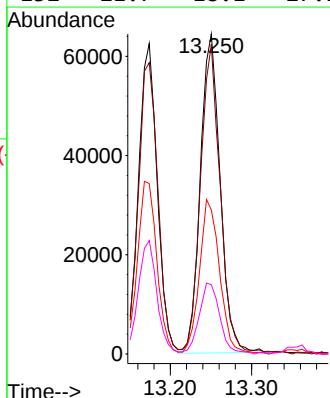
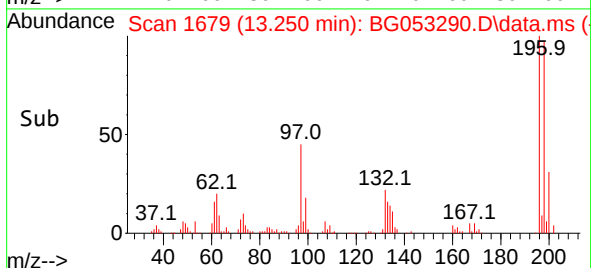
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

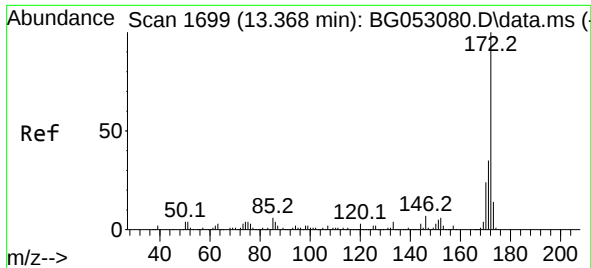


#44
2,4,5-Trichlorophenol
Concen: 48.868 ng
RT: 13.250 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:196 Resp: 109015
Ion Ratio Lower Upper
196 100
198 96.7 75.8 113.6
97 45.0 36.5 54.7
132 21.7 18.1 27.1





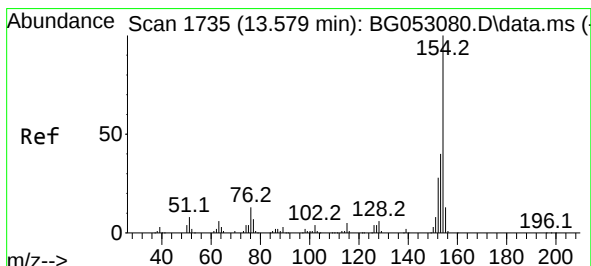
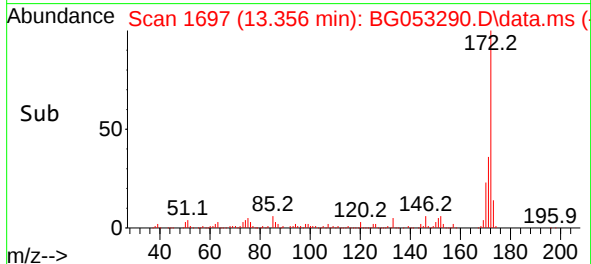
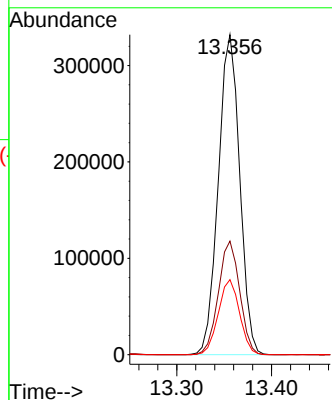
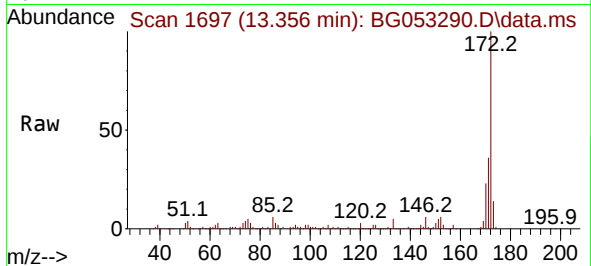
#45
2-Fluorobiphenyl
Concen: 80.385 ng
RT: 13.356 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:172 Resp: 52116
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 18.0 27.0

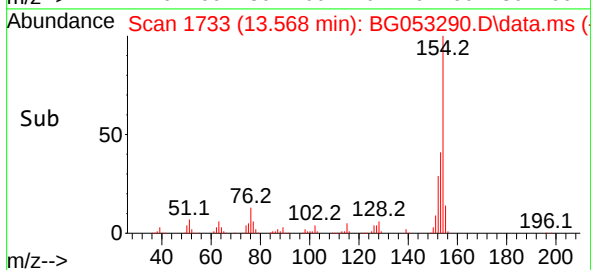
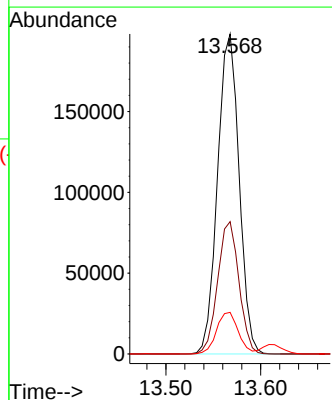
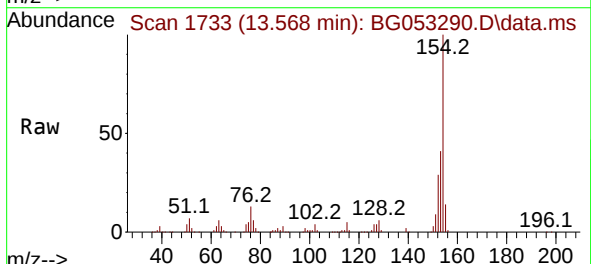
Manual Integrations
APPROVED

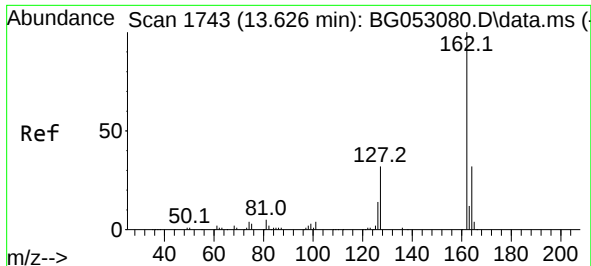
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#46
1,1'-Biphenyl
Concen: 48.551 ng
RT: 13.568 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

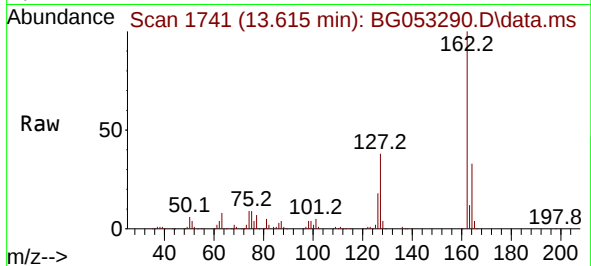
Tgt Ion:154 Resp: 312571
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 13.0 0.0 31.5





#47
2-Chloronaphthalene
Concen: 47.710 ng
RT: 13.615 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

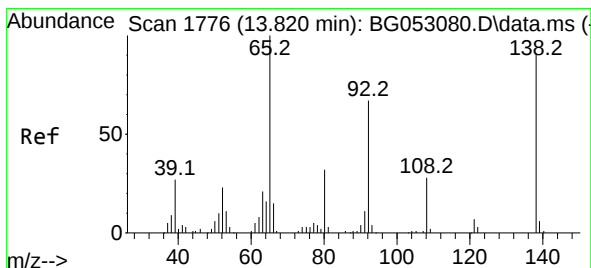
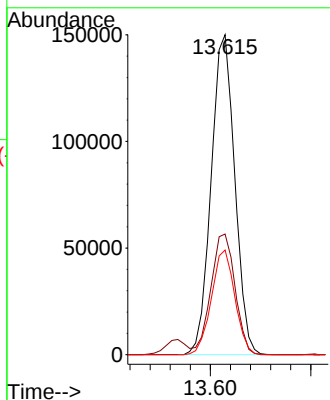
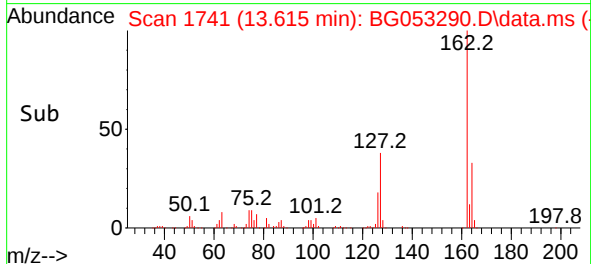
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:162 Resp: 245050
Ion Ratio Lower Upper
162 100
127 37.7 28.1 42.1
164 32.7 26.0 39.0

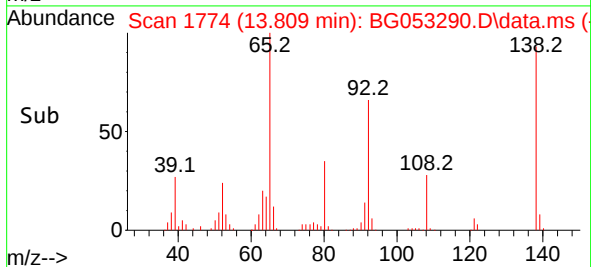
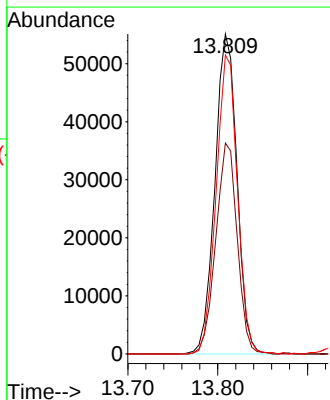
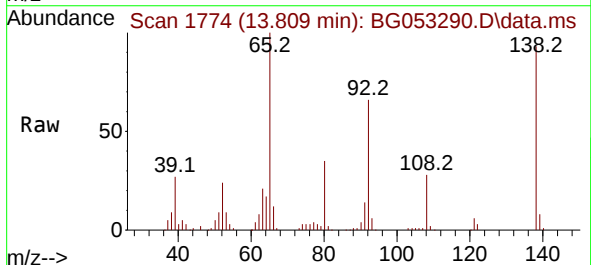
Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#48
2-Nitroaniline
Concen: 48.026 ng
RT: 13.809 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

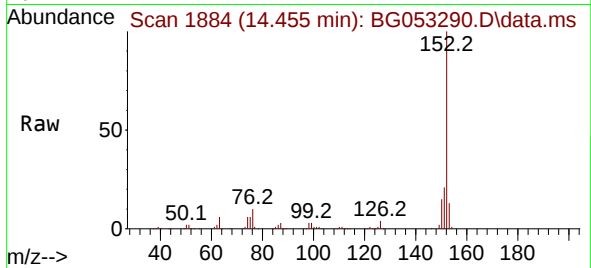
Tgt Ion: 65 Resp: 93614
Ion Ratio Lower Upper
65 100
92 65.9 52.1 78.1
138 93.4 80.1 120.1





#49
Acenaphthylene
Concen: 51.480 ng
RT: 14.455 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

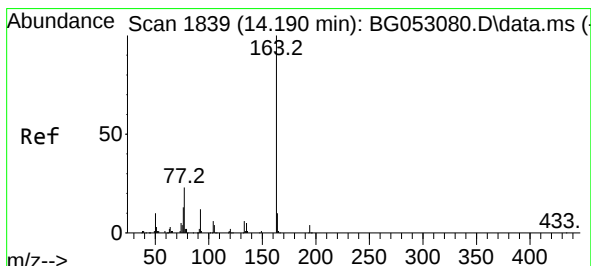
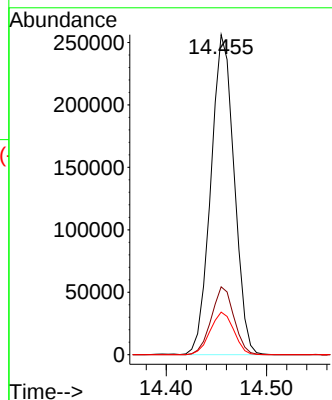
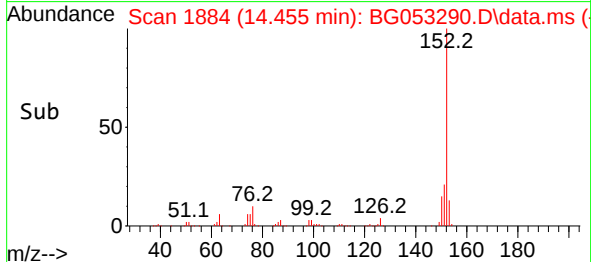
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:152 Resp: 413924
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 13.3 10.6 15.8

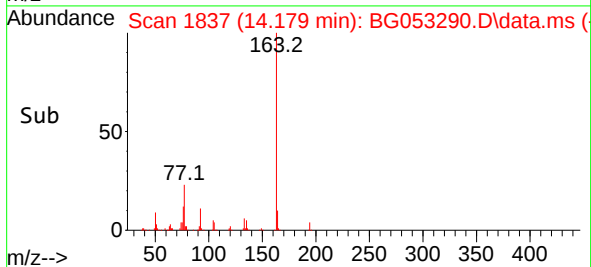
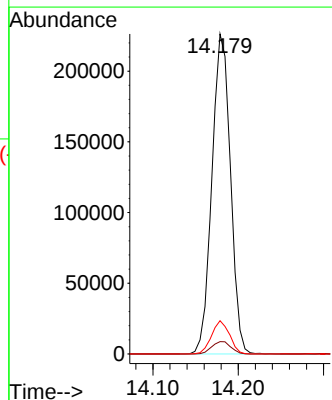
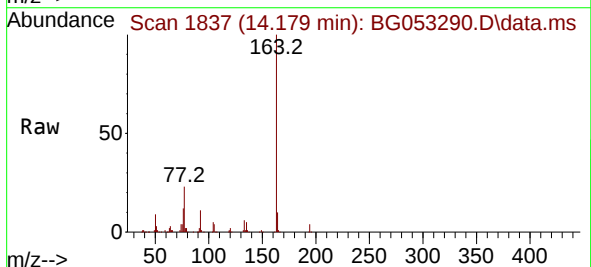
Manual Integrations
APPROVED

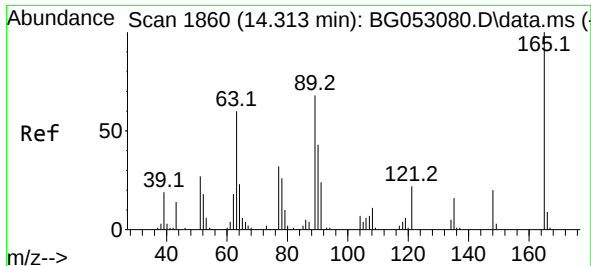
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#50
Dimethylphthalate
Concen: 47.768 ng
RT: 14.179 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:163 Resp: 341567
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.5 12.7





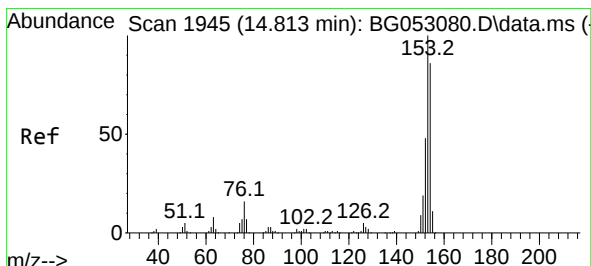
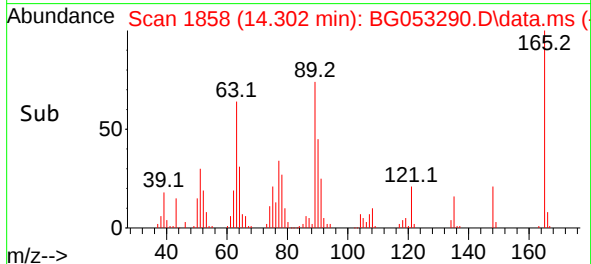
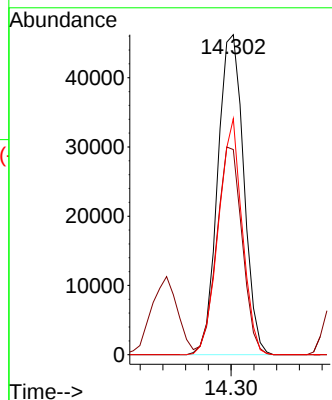
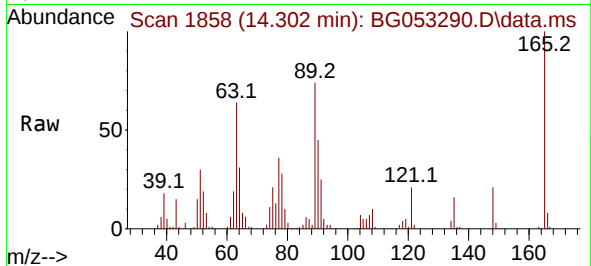
#51
2,6-Dinitrotoluene
Concen: 49.167 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:165 Resp: 7334
Ion Ratio Lower Upper
165 100
63 64.1 43.7 65.5
89 73.8 45.0 67.4

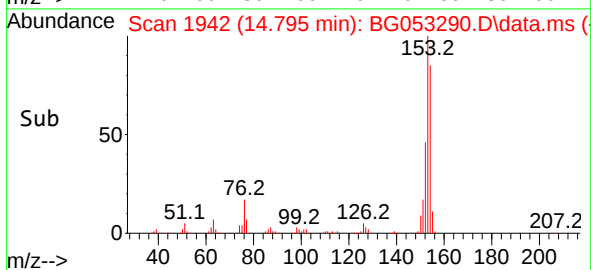
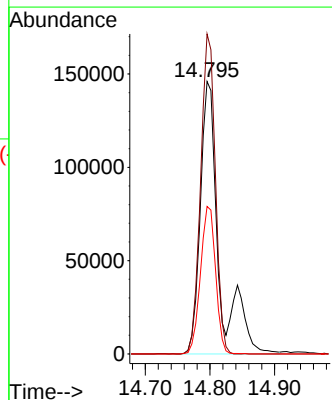
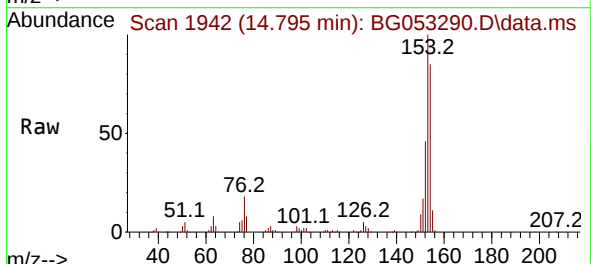
Manual Integrations
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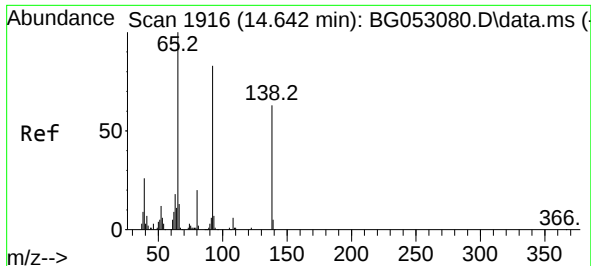
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#52
Acenaphthene
Concen: 54.143 ng m
RT: 14.795 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

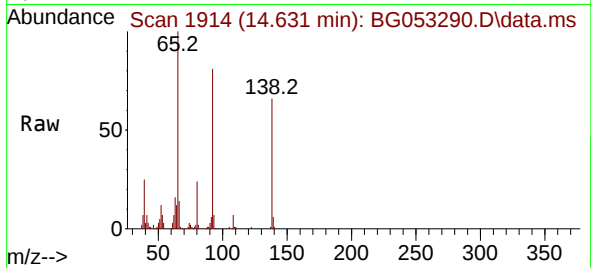
Tgt Ion:154 Resp: 295221
Ion Ratio Lower Upper
154 100
153 117.4 89.0 133.4
152 54.1 40.5 60.7





#53
3-Nitroaniline
Concen: 34.024 ng
RT: 14.631 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

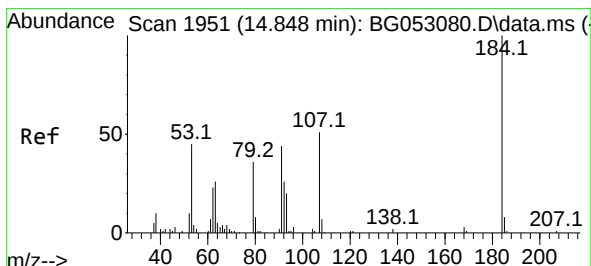
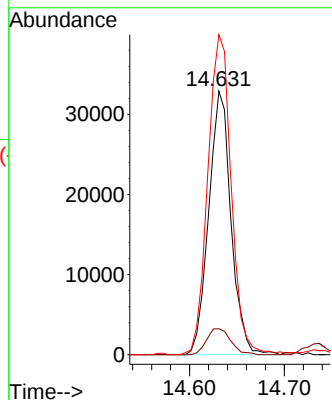
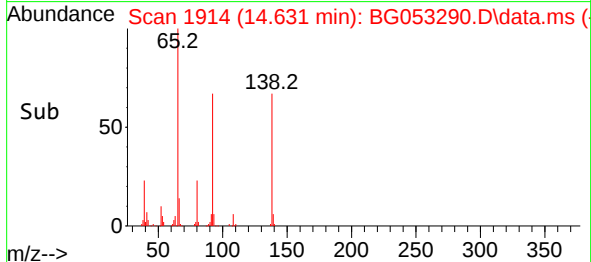
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



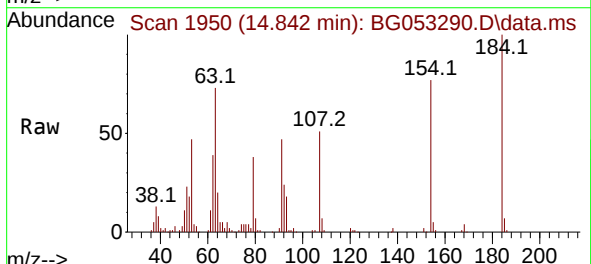
Tgt Ion:138 Resp: 5366
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 121.5 96.2 144.2

Manual Integrations
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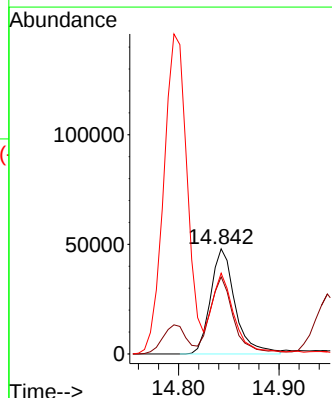
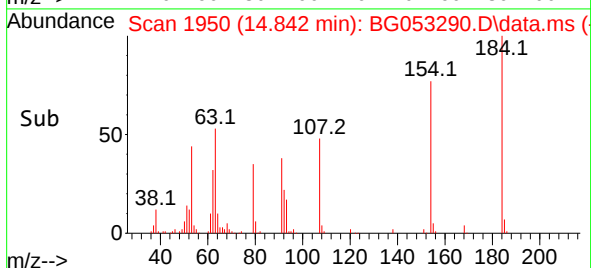
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#54
2,4-Dinitrophenol
Concen: 86.176 ng
RT: 14.842 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:184 Resp: 81794
Ion Ratio Lower Upper
184 100
63 73.3 51.8 77.6
154 76.8 47.8 71.6#





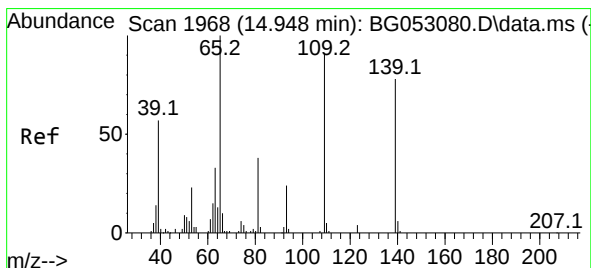
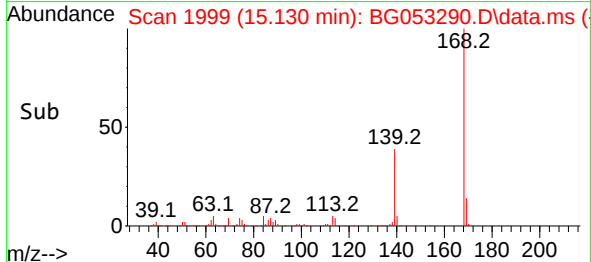
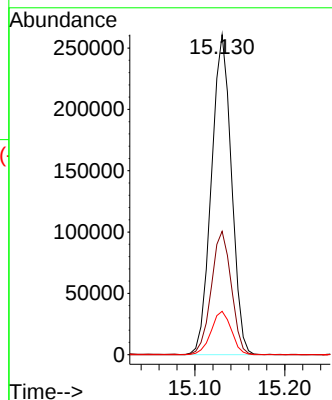
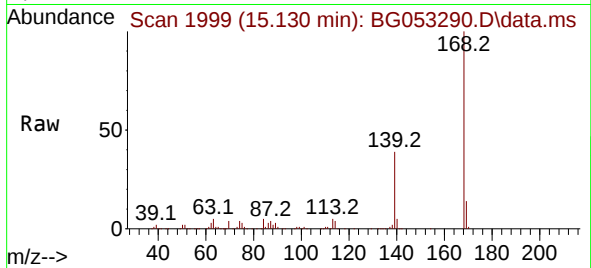
#55
Dibenzenofuran
Concen: 47.320 ng
RT: 15.130 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:168 Resp: 40401
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.5 10.7 16.1

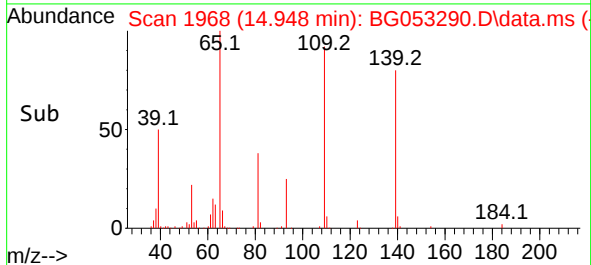
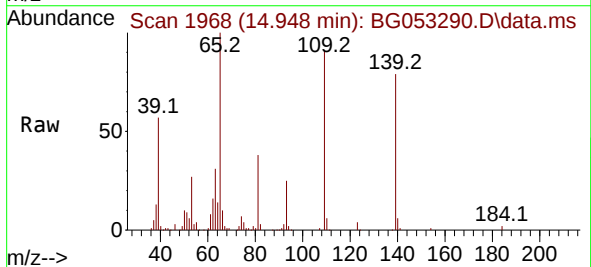
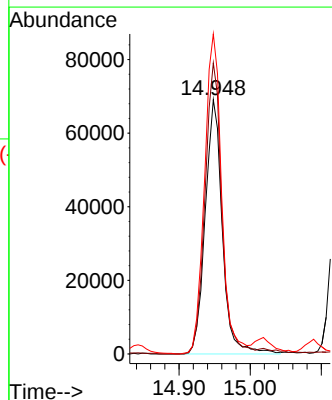
Manual Integrations
APPROVED

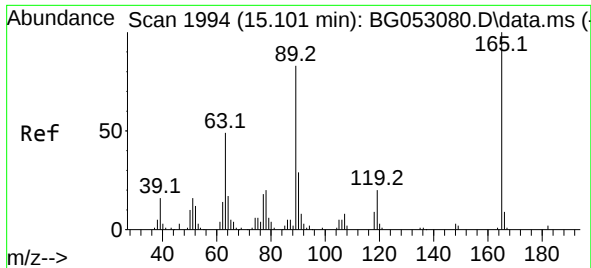
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#56
4-Nitrophenol
Concen: 96.590 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:139 Resp: 116198
Ion Ratio Lower Upper
139 100
109 114.4 67.1 107.1#
65 125.8 88.2 128.2





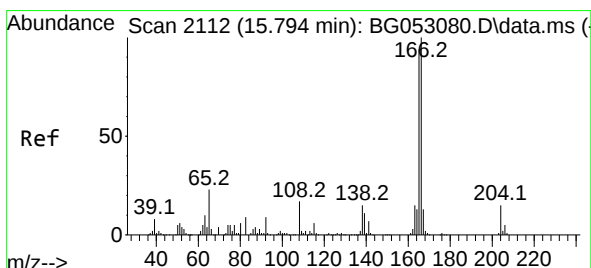
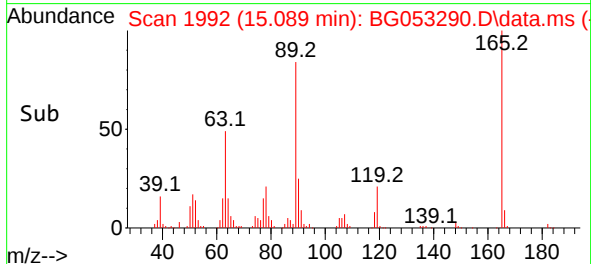
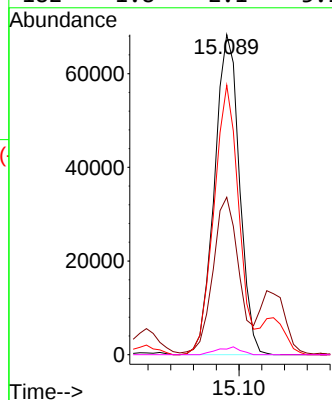
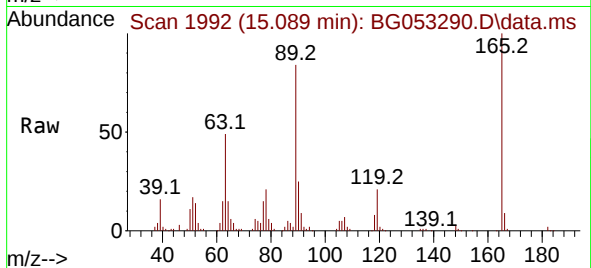
#57
2,4-Dinitrotoluene
Concen: 49.117 ng
RT: 15.089 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:165 Resp: 10431
Ion Ratio Lower Upper
165 100
63 49.2 34.8 52.2
89 84.2 57.4 86.0
182 1.8 2.1 3.1#

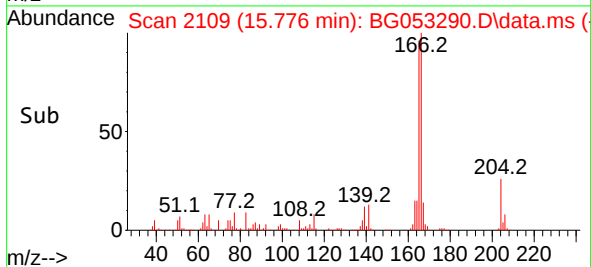
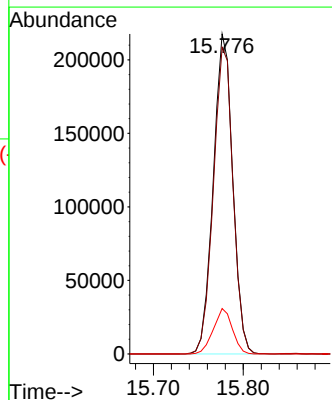
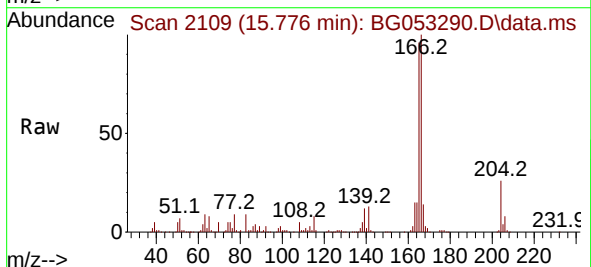
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#58
Fluorene
Concen: 47.445 ng
RT: 15.776 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

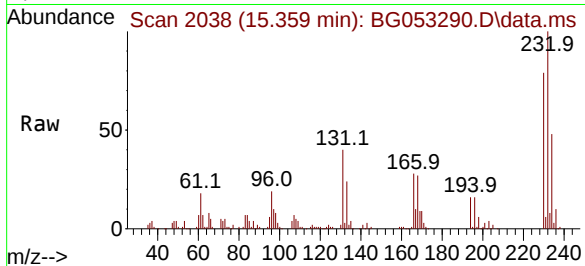
Tgt Ion:166 Resp: 327174
Ion Ratio Lower Upper
166 100
165 95.8 78.6 117.8
167 14.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.461 ng
RT: 15.359 min Scan# 2038
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

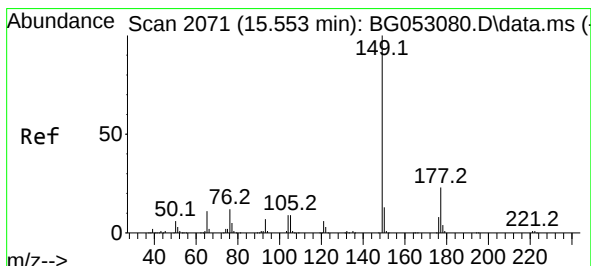
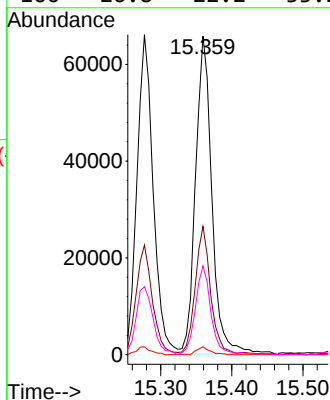
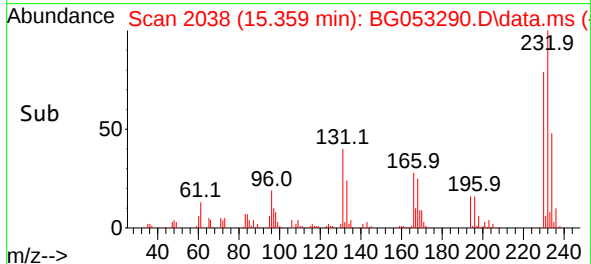
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



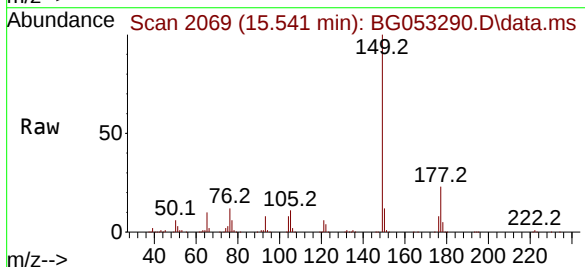
Tgt Ion:232 Resp: 104980
Ion Ratio Lower Upper
232 100
131 37.1 30.1 45.1
130 2.0 1.8 2.8
166 26.8 22.2 33.2

Manual Integrations
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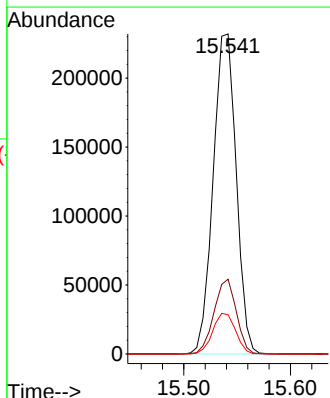
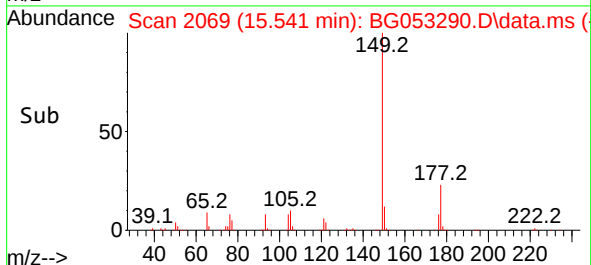
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#60
Diethylphthalate
Concen: 46.443 ng
RT: 15.541 min Scan# 2069
Delta R.T. 0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:149 Resp: 347944
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.2 9.9 14.9





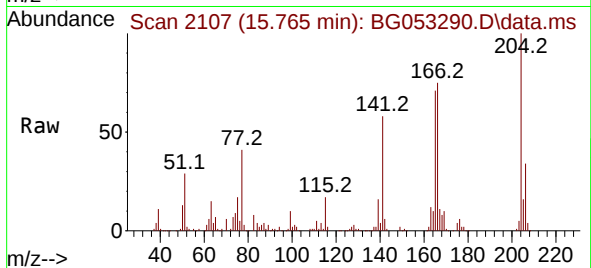
#61
4-Chlorophenyl-phenylether
Concen: 47.047 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :

BNA_G

ClientSampleId :

MH-5SMSD

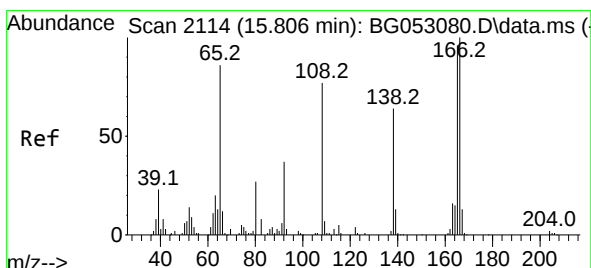
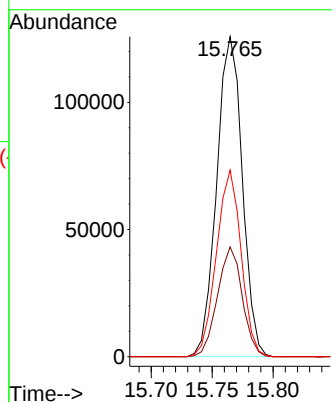
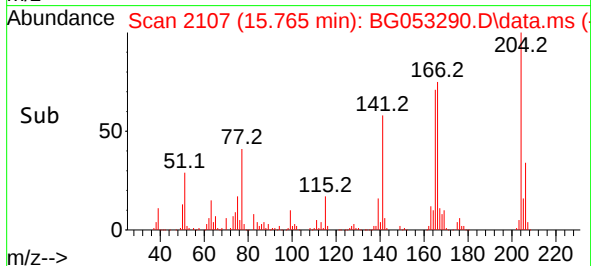


Tgt Ion:204 Resp: 183908
Ion Ratio Lower Upper
204 100
206 34.3 28.3 42.5
141 58.3 45.8 68.8

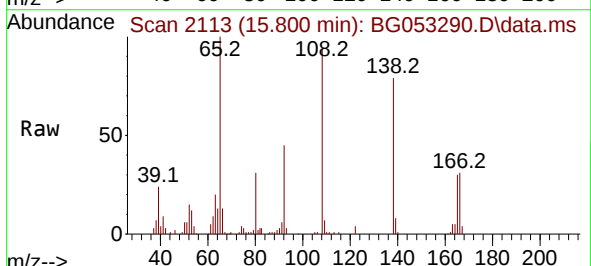
Manual Integrations

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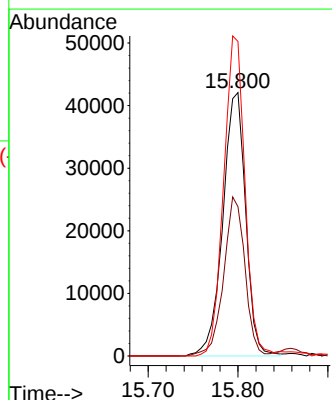
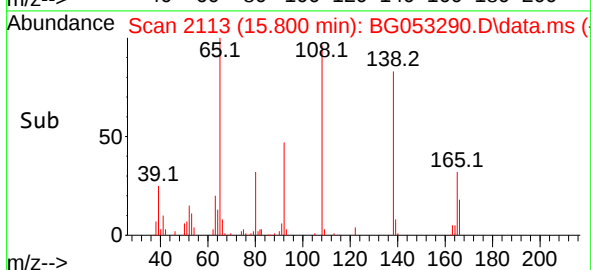
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

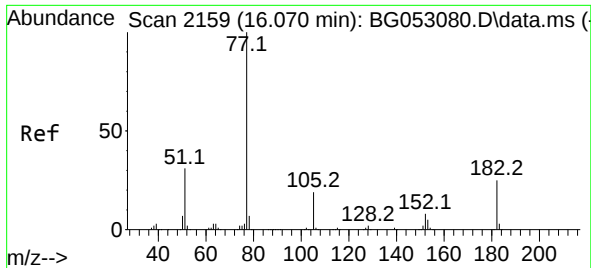


#62
4-Nitroaniline
Concen: 44.668 ng
RT: 15.800 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:138 Resp: 74348
Ion Ratio Lower Upper
138 100
92 56.7 33.3 73.3
108 119.4 74.2 114.2#





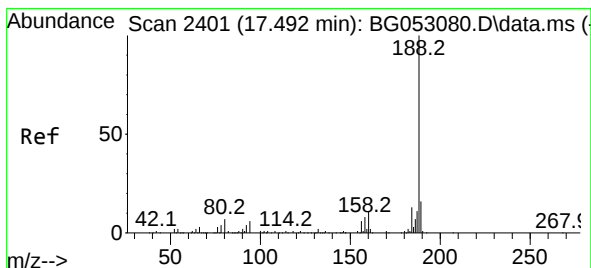
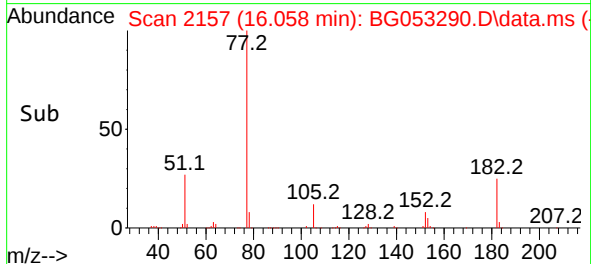
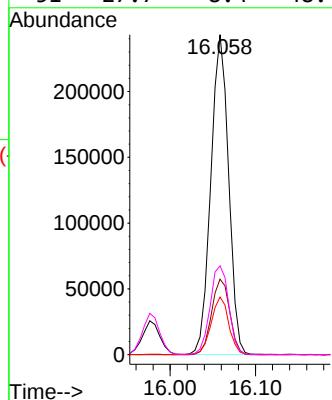
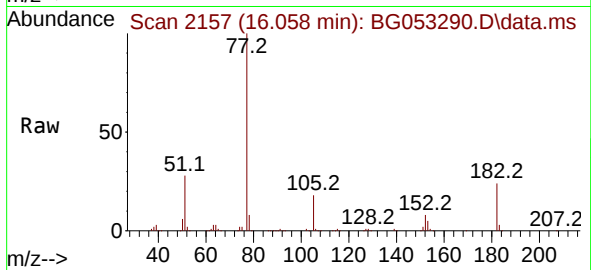
#63
Azobenzene
Concen: 46.424 ng
RT: 16.058 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion: 77	Resp: 35066
Ion Ratio	Lower Upper
77 100	
182 23.6	5.6 45.6
105 18.0	0.0 38.8
51 27.7	8.4 48.4

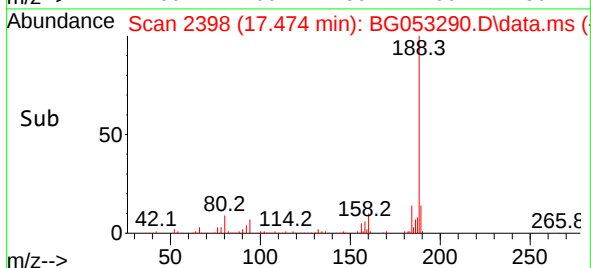
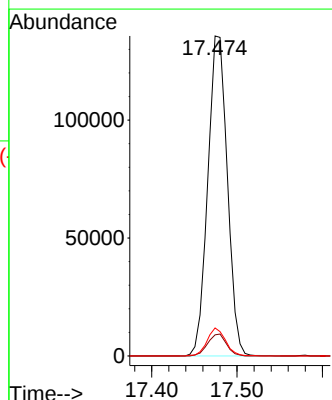
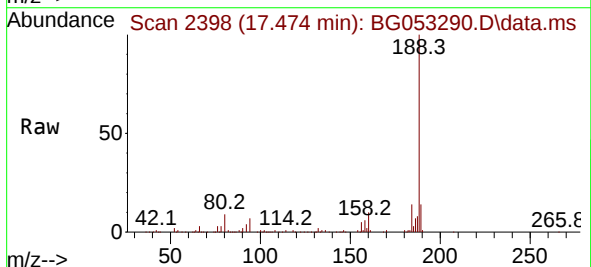
Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion: 188	Resp: 216132
Ion Ratio	Lower Upper
188 100	
94 6.6	5.7 8.5
80 8.7	7.2 10.8





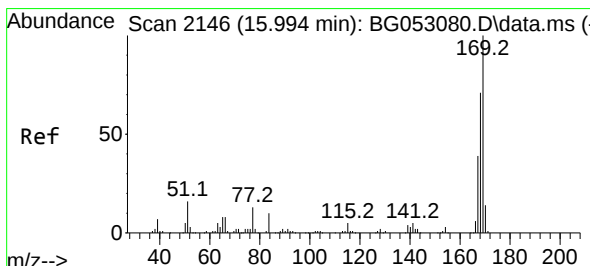
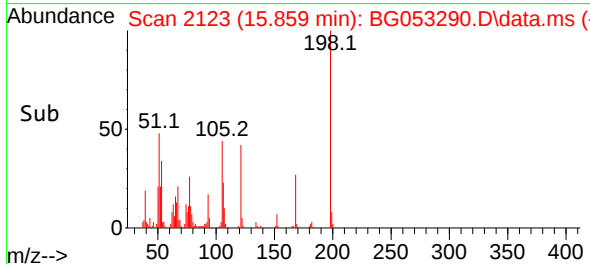
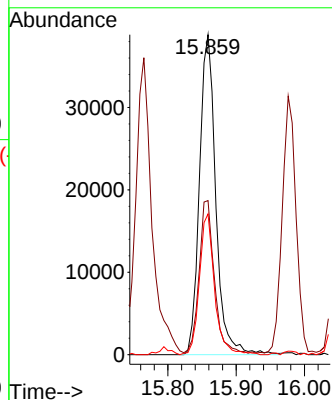
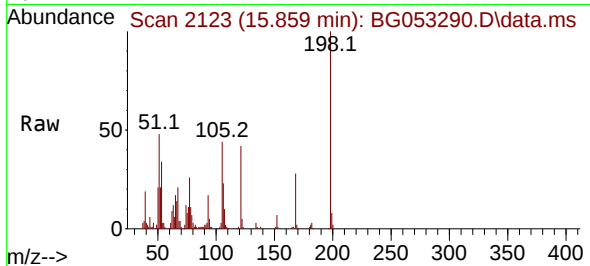
#65
4,6-Dinitro-2-methylphenol
Concen: 42.945 ng
RT: 15.859 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:198 Resp: 6475
Ion Ratio Lower Upper
198 100
51 48.1 21.7 61.7
105 44.0 20.8 60.8

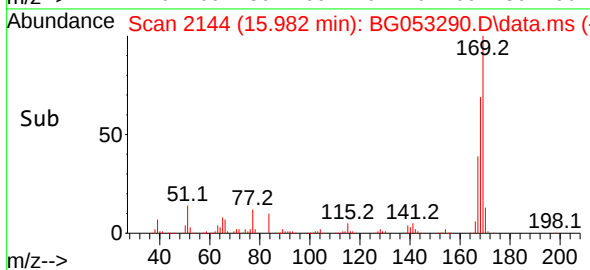
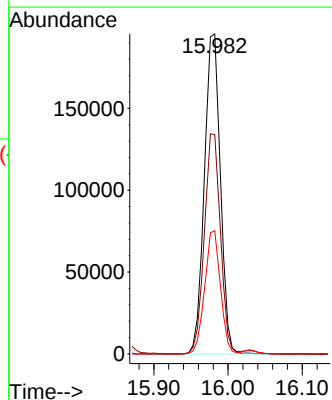
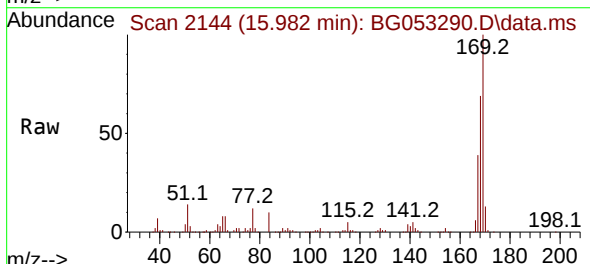
Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#66
n-Nitrosodiphenylamine
Concen: 47.253 ng
RT: 15.982 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

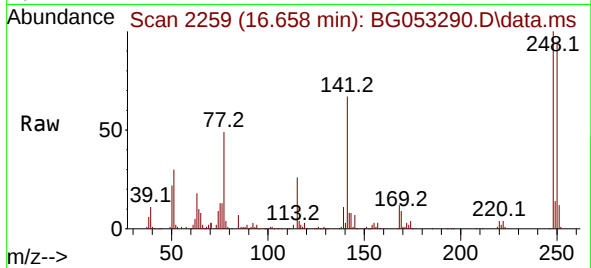
Tgt Ion:169 Resp: 293691
Ion Ratio Lower Upper
169 100
168 68.5 54.5 81.7
167 38.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.180 ng
RT: 16.658 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

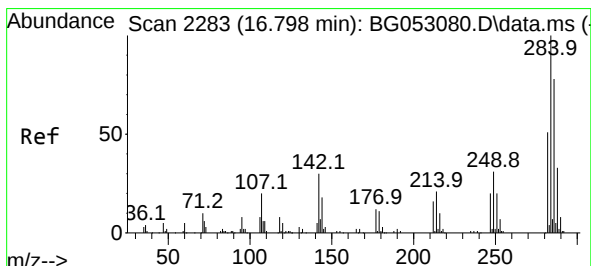
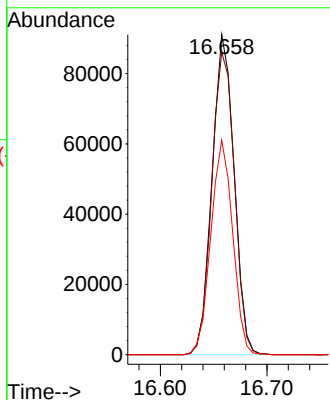
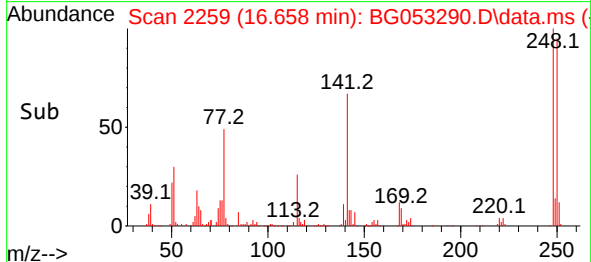
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



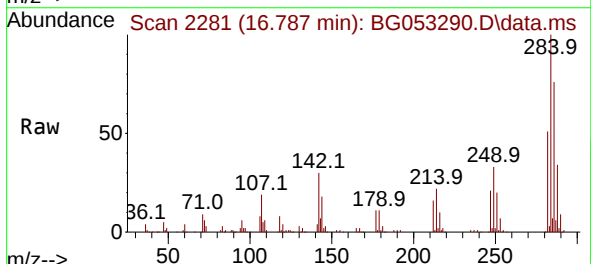
Tgt Ion:248 Resp: 13066
Ion Ratio Lower Upper
248 100
250 94.6 77.9 116.9
141 67.0 49.2 73.8

Manual Integrations
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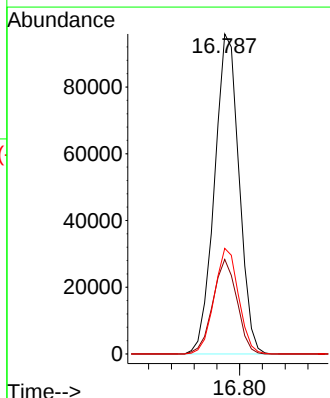
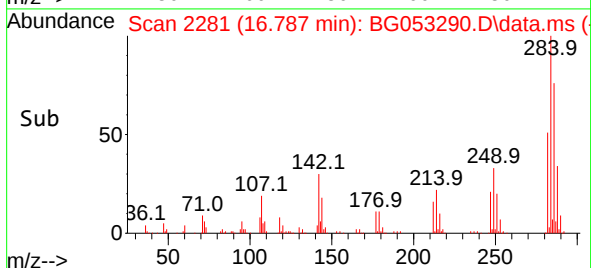
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

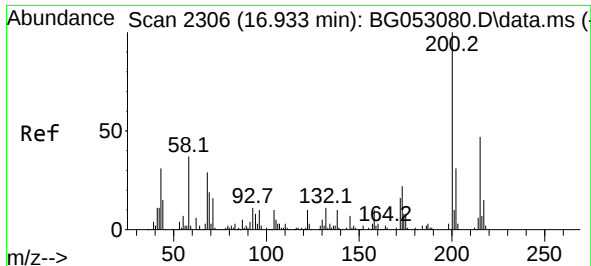


#68
Hexachlorobenzene
Concen: 47.955 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



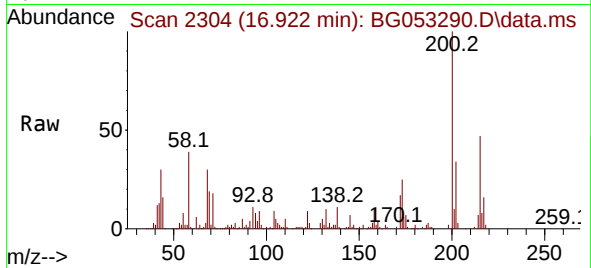
Tgt Ion:284 Resp: 143825
Ion Ratio Lower Upper
284 100
142 29.5 21.0 31.4
249 33.0 22.7 34.1





#69
 Atrazine
 Concen: 52.641 ng
 RT: 16.922 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

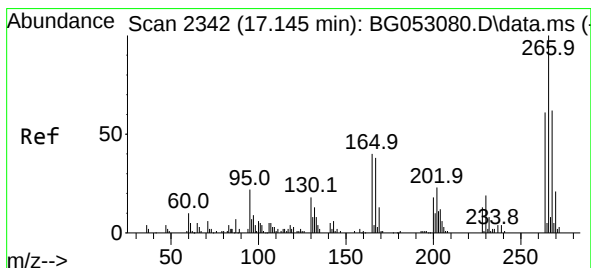
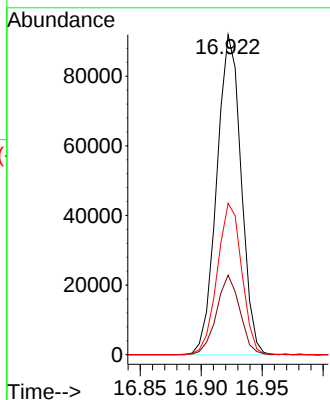
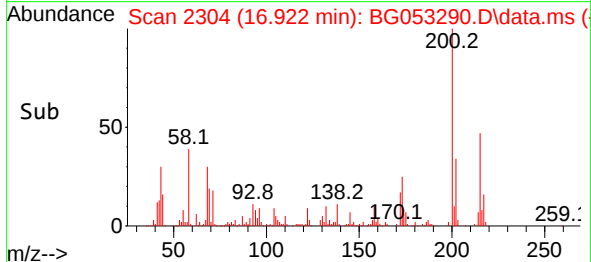
Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD



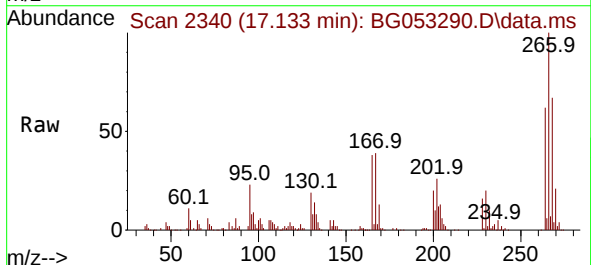
Tgt Ion:200 Resp: 12780
 Ion Ratio Lower Upper
 200 100
 173 24.8 3.8 43.8
 215 47.3 26.3 66.3

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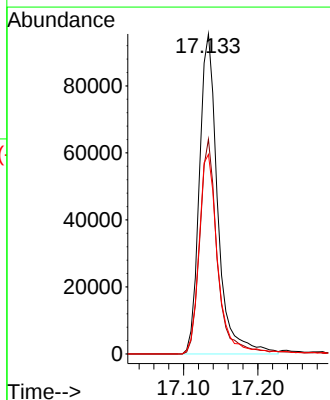
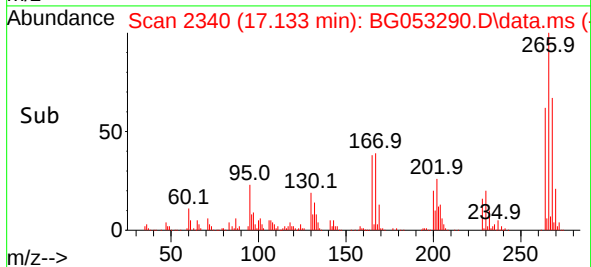
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

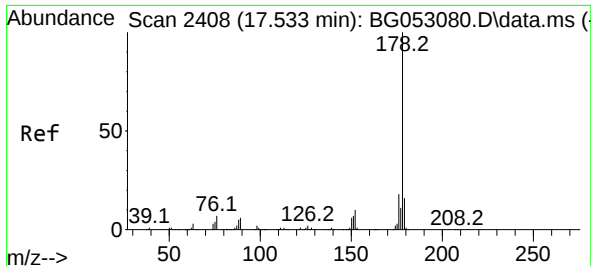


#70
 Pentachlorophenol
 Concen: 100.011 ng
 RT: 17.133 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09



Tgt Ion:266 Resp: 163928
 Ion Ratio Lower Upper
 266 100
 268 67.1 45.9 68.9
 264 62.4 45.3 67.9





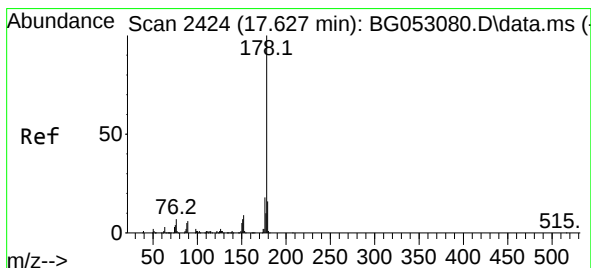
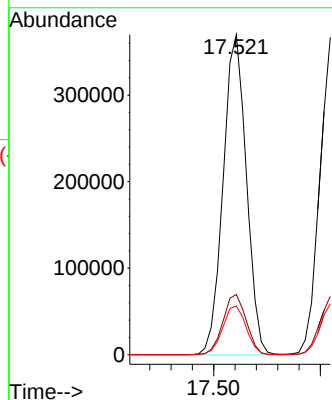
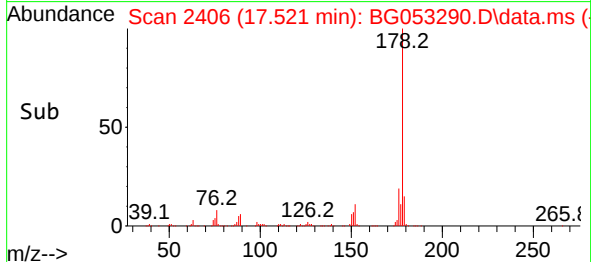
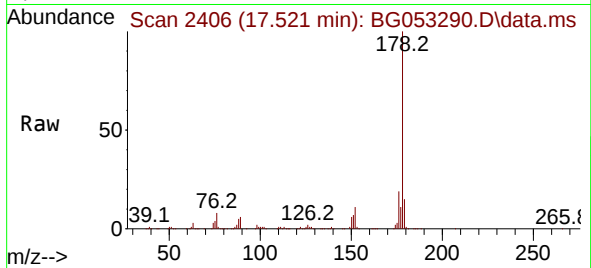
#71
Phenanthrene
Concen: 47.271 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Instrument :
BNA_G
ClientSampleId :
MH-5SMSD

Tgt Ion:178 Resp: 558054
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.2 13.4 20.2

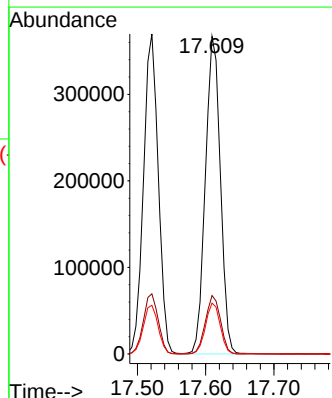
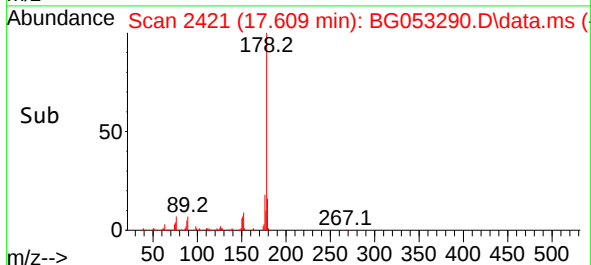
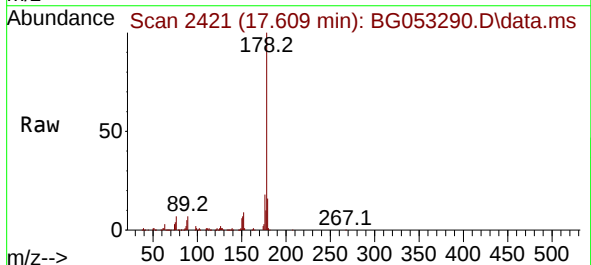
Manual Integrations
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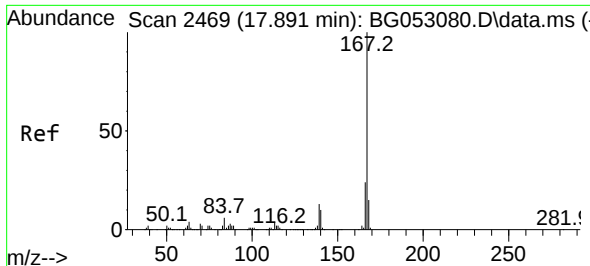
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#72
Anthracene
Concen: 48.090 ng
RT: 17.609 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

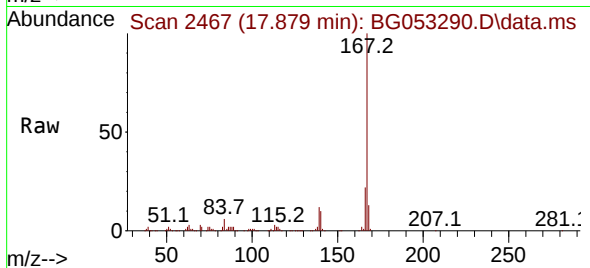
Tgt Ion:178 Resp: 562447
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 16.0 13.2 19.8





#73
 Carbazole
 Concen: 45.661 ng
 RT: 17.879 min Scan# 2467
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

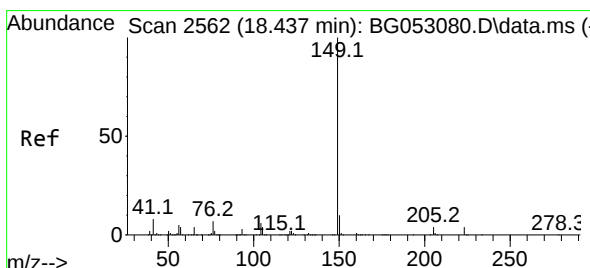
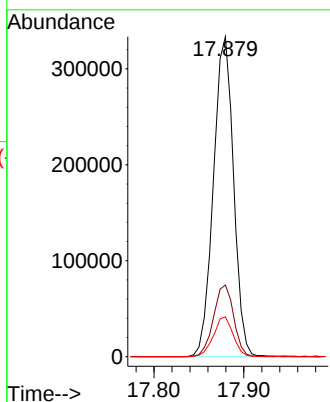
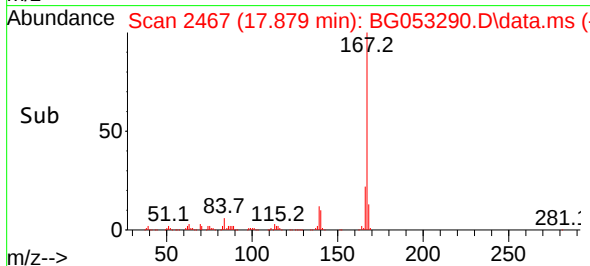
Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD



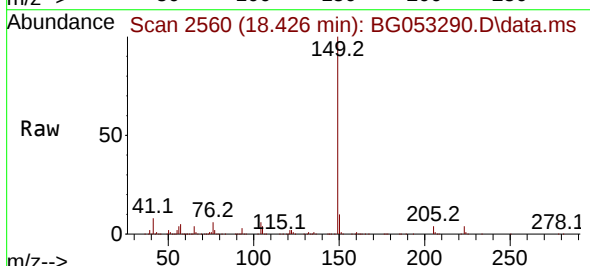
Tgt Ion:167 Resp: 51912
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.5 27.7
 139 12.5 10.0 15.0

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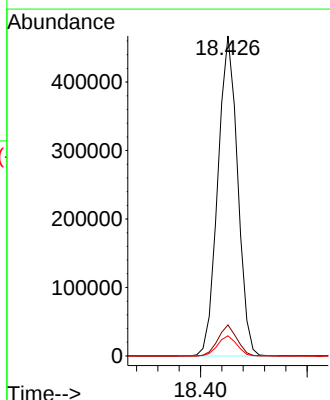
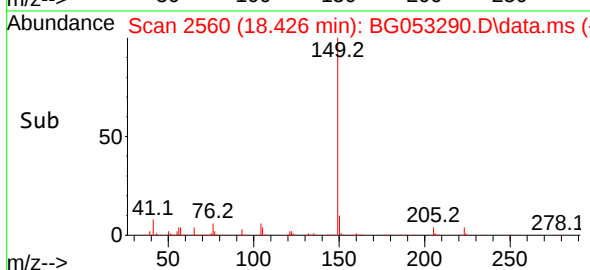
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

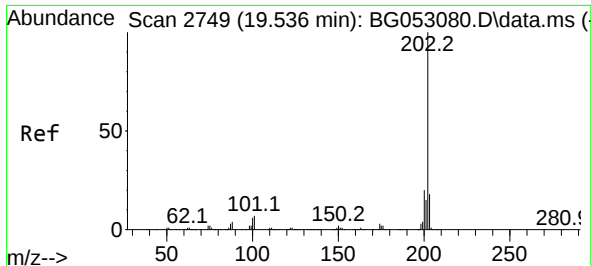


#74
 Di-n-butylphthalate
 Concen: 46.645 ng
 RT: 18.426 min Scan# 2560
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09



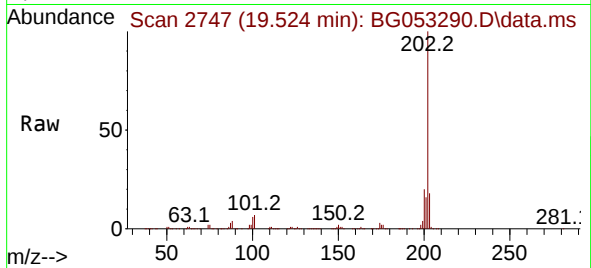
Tgt Ion:149 Resp: 601437
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.0 10.6
 104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 47.269 ng
RT: 19.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

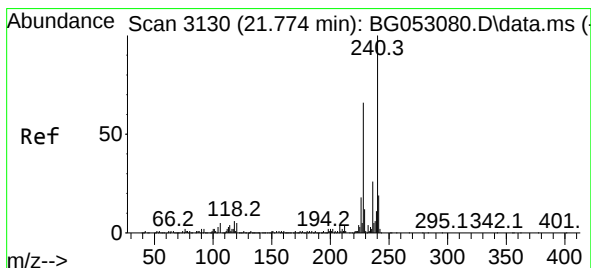
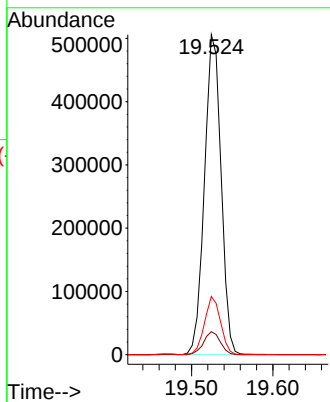
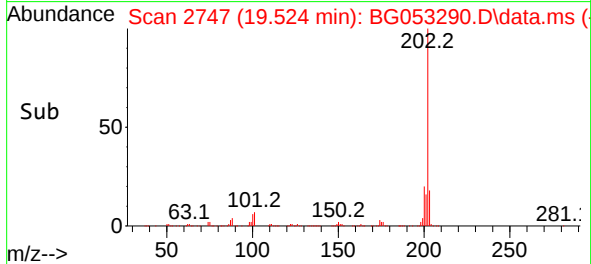
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



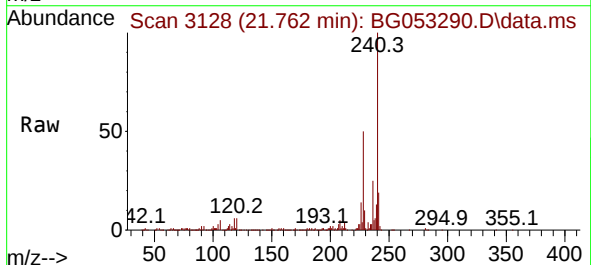
Tgt Ion:202 Resp: 715300
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.3
203 18.2 0.0 37.7

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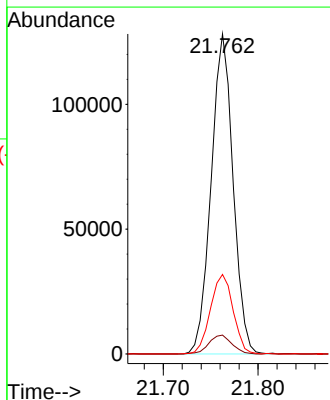
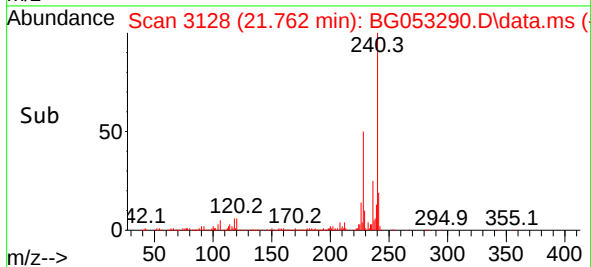
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



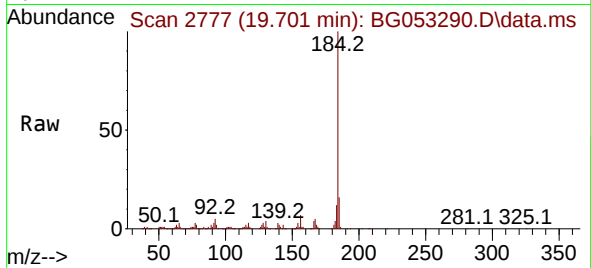
Tgt Ion:240 Resp: 205808
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.8 19.8 29.6





#77
Benzidine
Concen: 62.064 ng
RT: 19.701 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

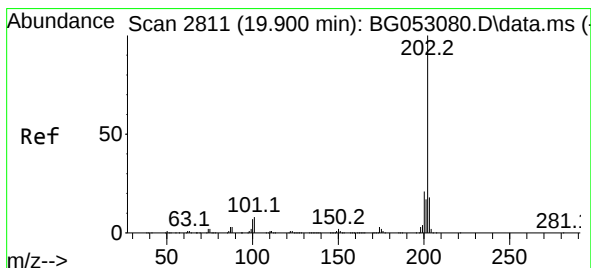
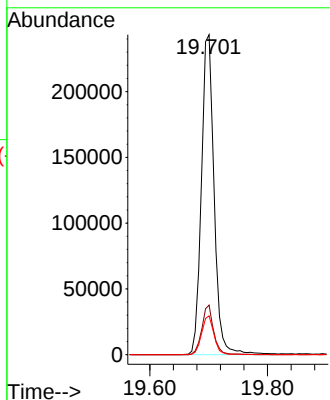
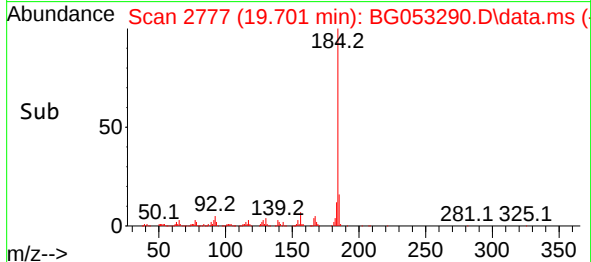
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



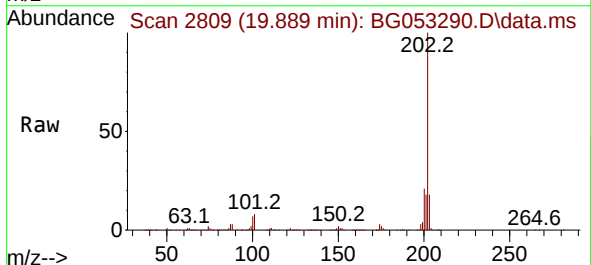
Tgt Ion:184 Resp: 36444
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 12.1 9.4 14.2

Manual Integrations
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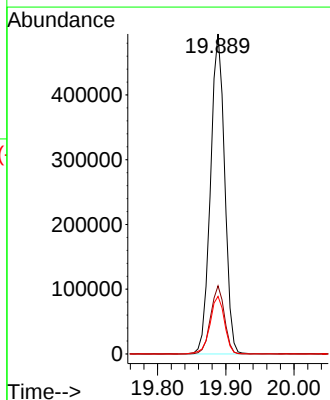
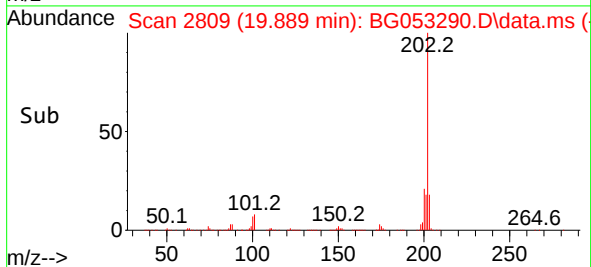
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

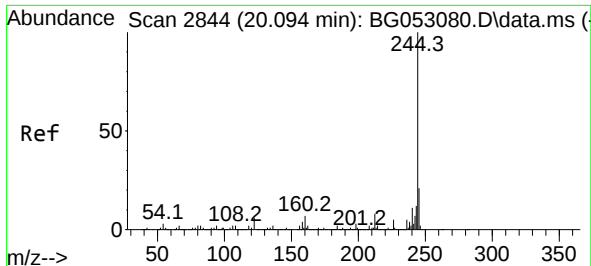


#78
Pyrene
Concen: 48.630 ng
RT: 19.889 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:202 Resp: 712800
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.0 15.0 22.6





#79
 Terphenyl-d14
 Concen: 81.997 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

Instrument :

BNA_G

ClientSampleId :

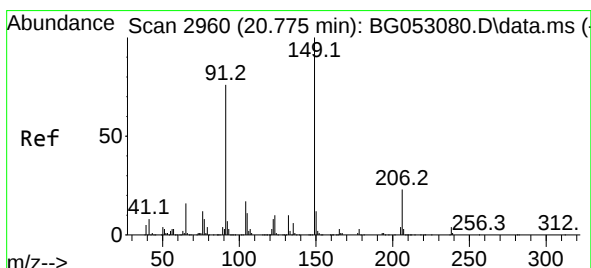
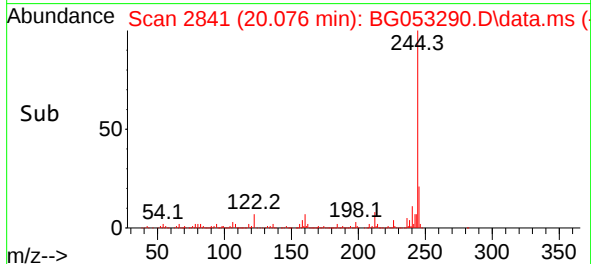
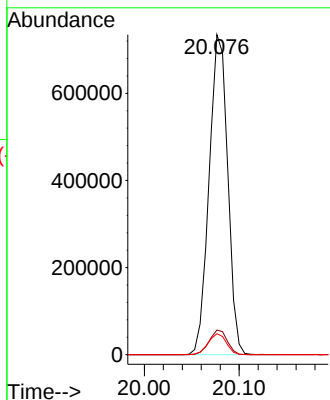
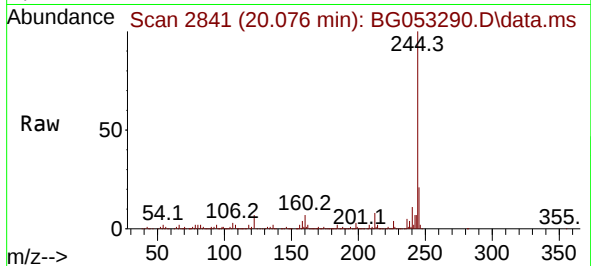
MH-5SMSD

Tgt Ion:244 Resp: 99921
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.5 5.8 8.6

Manual Integrations

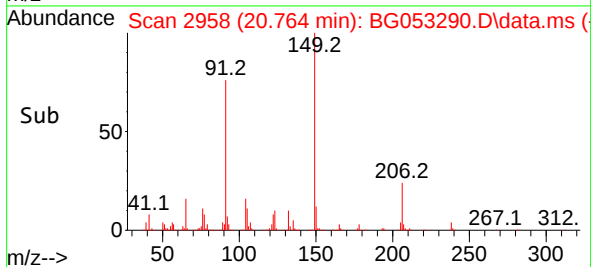
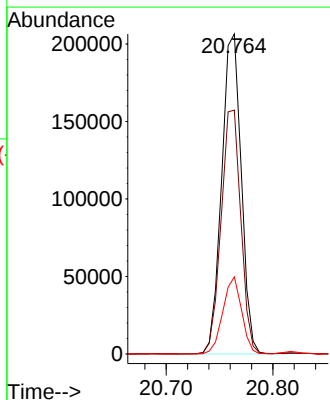
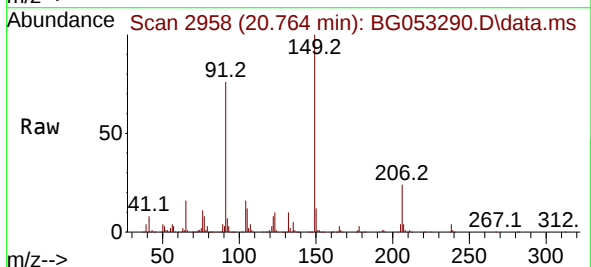
APPROVED

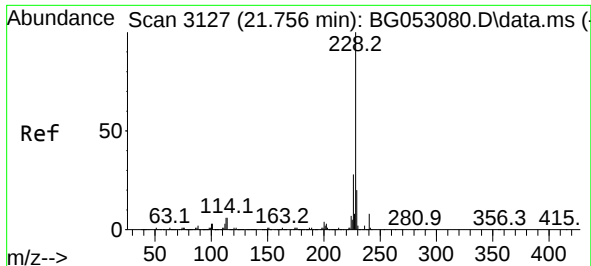
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#80
 Butylbenzylphthalate
 Concen: 48.287 ng
 RT: 20.764 min Scan# 2958
 Delta R.T. -0.003 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

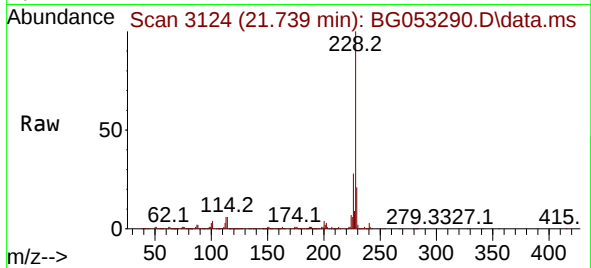
Tgt Ion:149 Resp: 263872
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.2 90.4
 206 24.1 19.4 29.2





#81
Benzo(a)anthracene
Concen: 49.035 ng
RT: 21.739 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

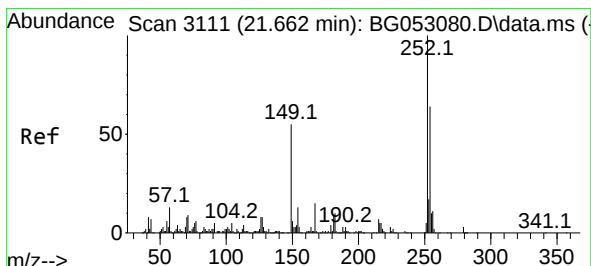
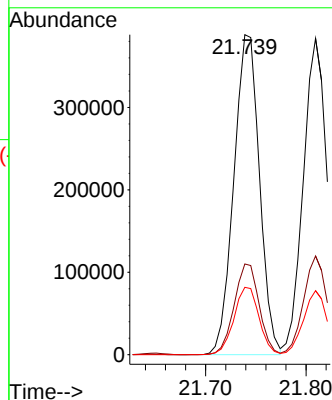
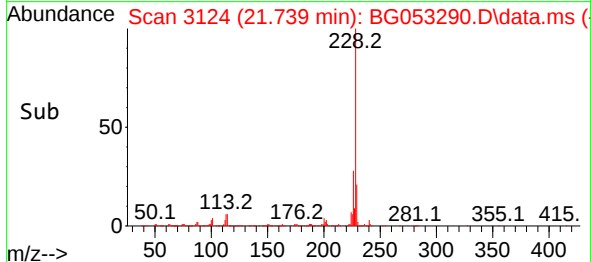
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:228 Resp: 690000
Ion Ratio Lower Upper
228 100
226 28.4 21.4 32.0
229 21.1 16.7 25.1

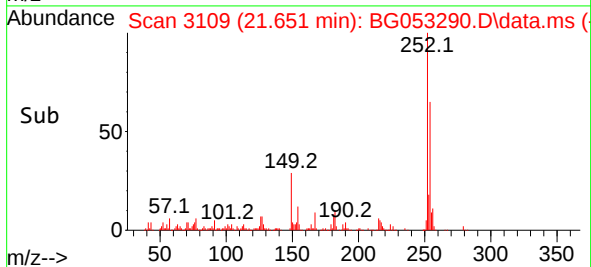
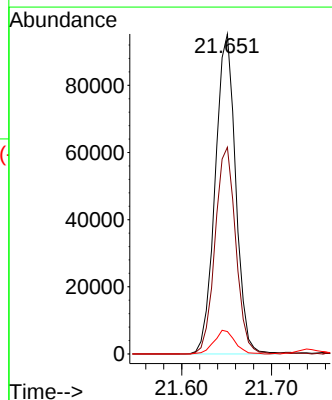
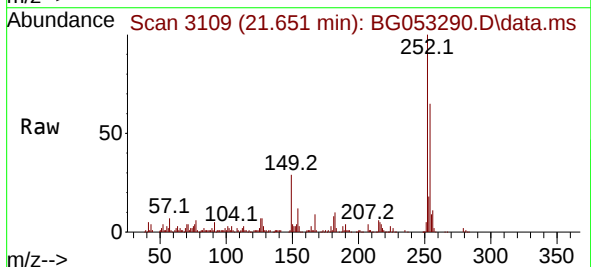
Manual Integrations
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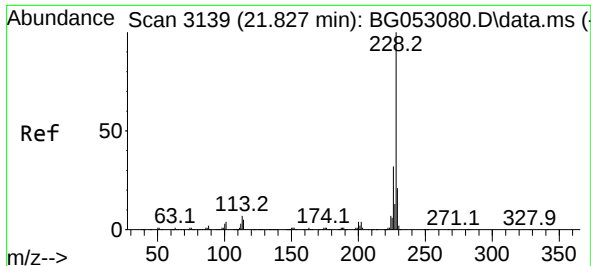
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 29.121 ng
RT: 21.651 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

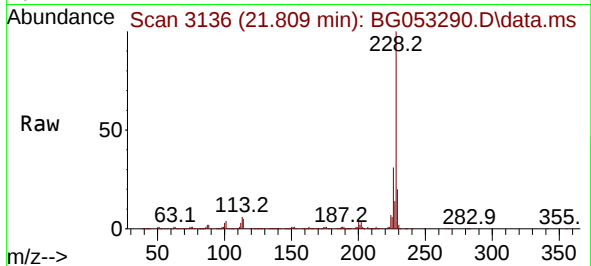
Tgt Ion:252 Resp: 150706
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 7.0 5.8 8.8





#83
Chrysene
Concen: 48.092 ng
RT: 21.809 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

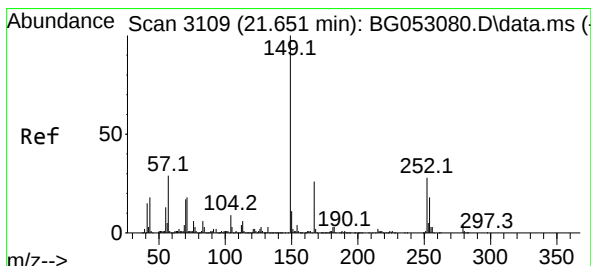
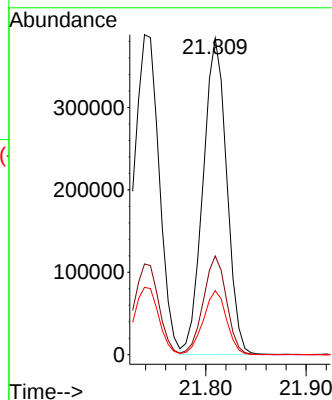
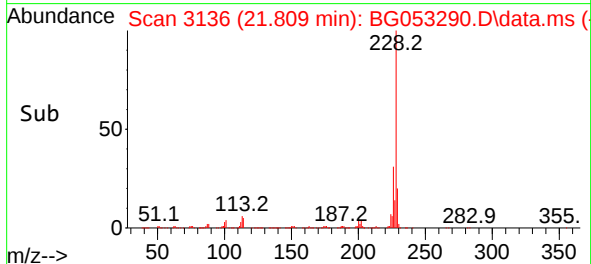
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:228 Resp: 628060
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 20.2 16.3 24.5

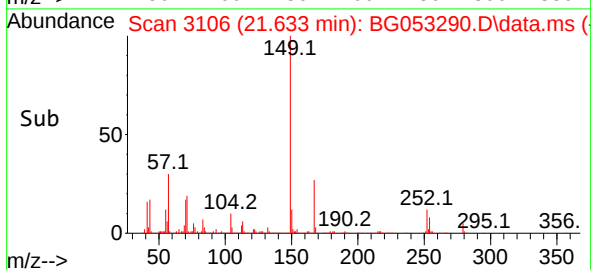
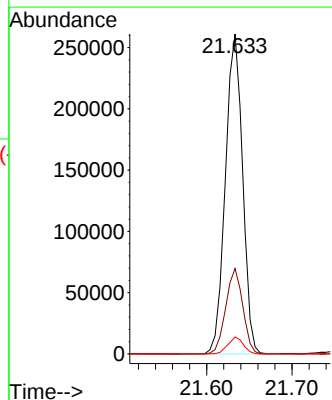
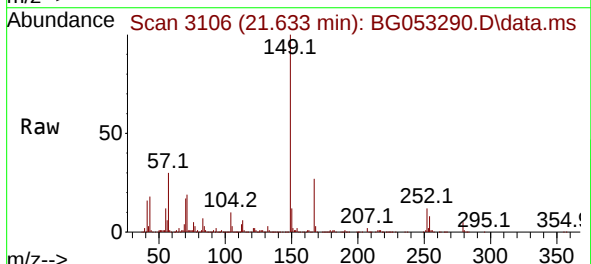
Manual Integrations
APPROVED

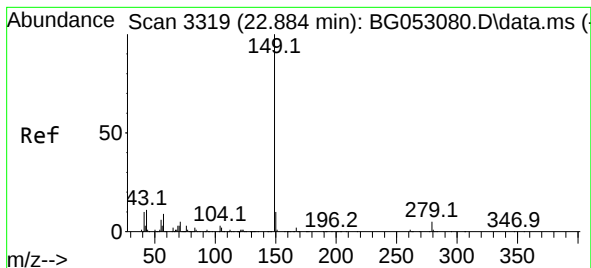
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.464 ng
RT: 21.633 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

Tgt Ion:149 Resp: 365370
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 5.3 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 49.998 ng

RT: 22.867 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

Instrument :

BNA_G

ClientSampleId :

MH-5SMSD

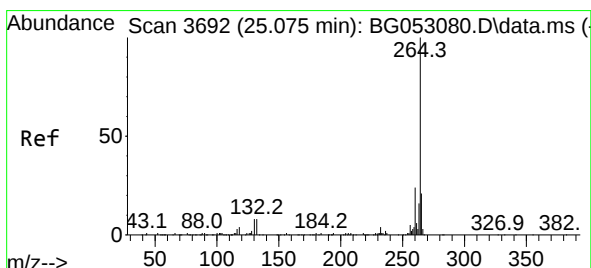
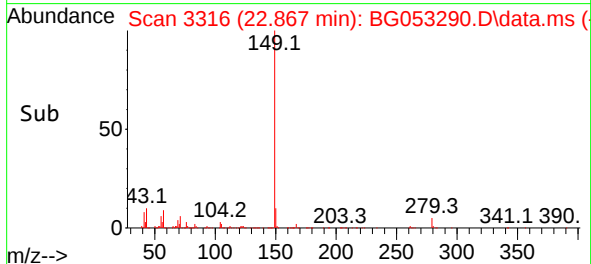
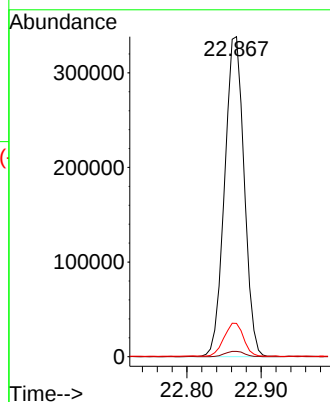
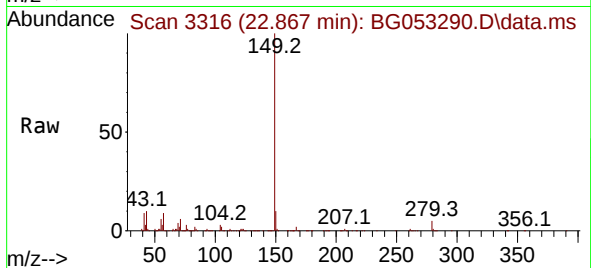
Tgt Ion:149 Resp: 617652
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.3 7.6 11.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/25/2022



#86

Perylene-d12

Concen: 20.000 ng

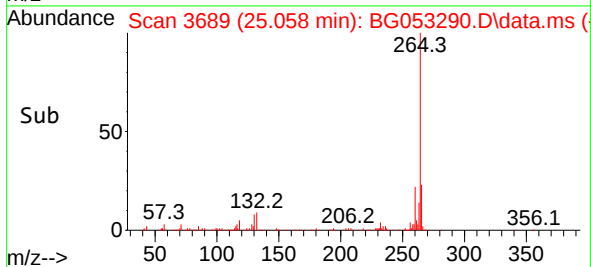
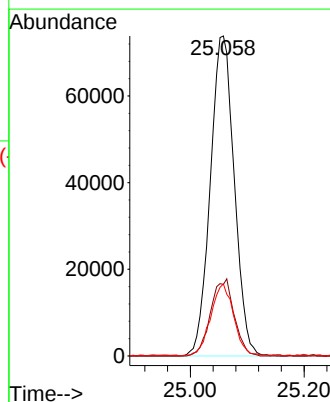
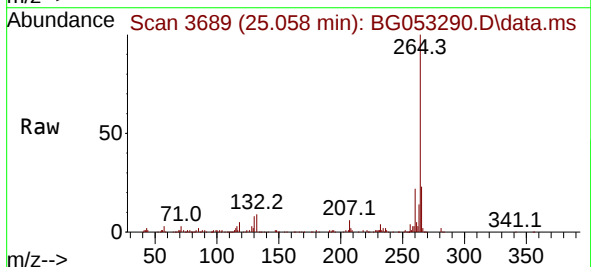
RT: 25.058 min Scan# 3689

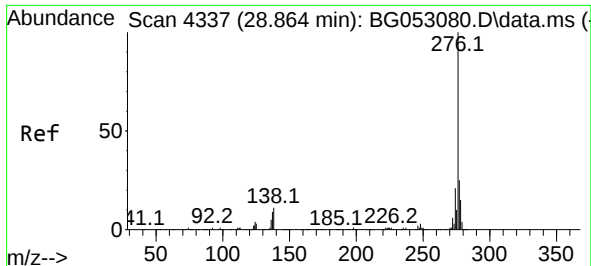
Delta R.T. -0.003 min

Lab File: BG053290.D

Acq: 23 Apr 2022 13:09

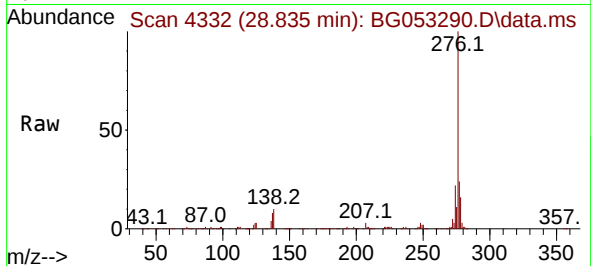
Tgt Ion:264 Resp: 215669
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 22.5 15.1 22.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.435 ng
 RT: 28.835 min Scan# 4332
 Delta R.T. -0.015 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09

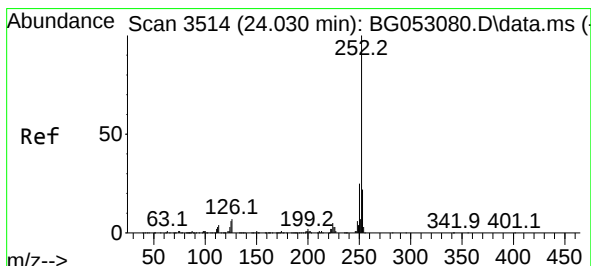
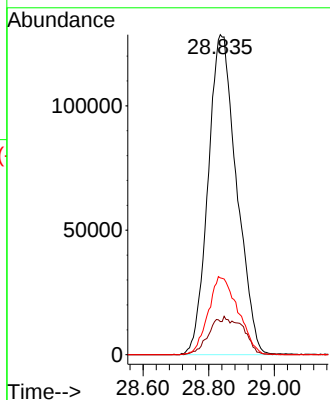
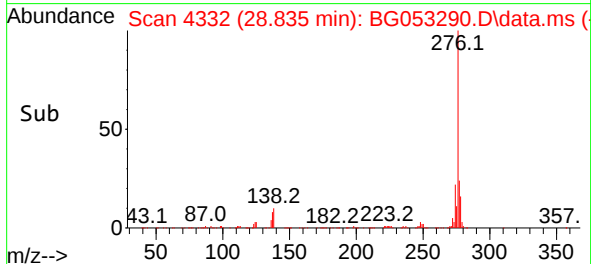
Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD



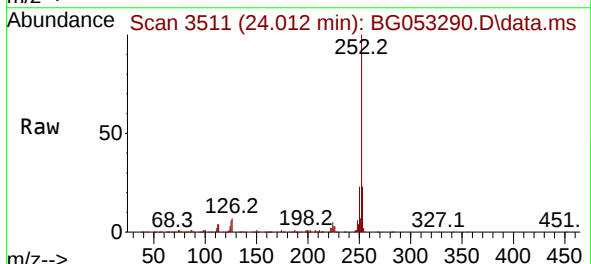
Tgt Ion:276 Resp: 776070
 Ion Ratio Lower Upper
 276 100
 138 5.2 8.7 13.1
 277 25.6 20.2 30.4

Manual Integrations
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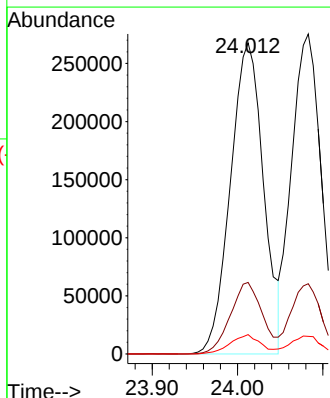
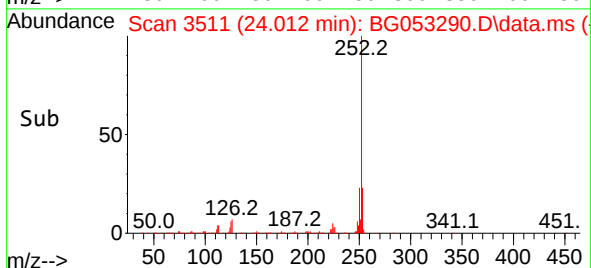
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

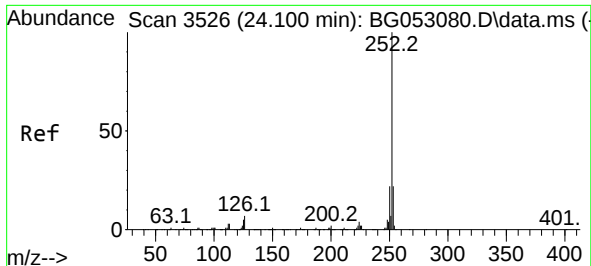


#88
 Benzo(b)fluoranthene
 Concen: 53.144 ng
 RT: 24.012 min Scan# 3511
 Delta R.T. -0.009 min
 Lab File: BG053290.D
 Acq: 23 Apr 2022 13:09



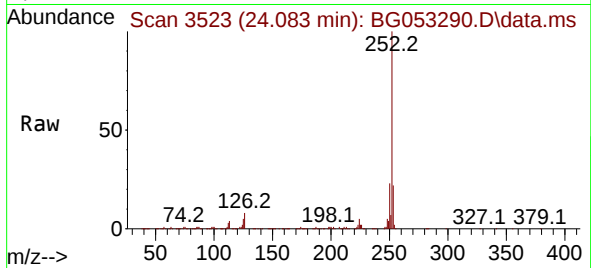
Tgt Ion:252 Resp: 723153
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.2 25.8
 125 6.2 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 49.228 ng
RT: 24.083 min Scan# 3526
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

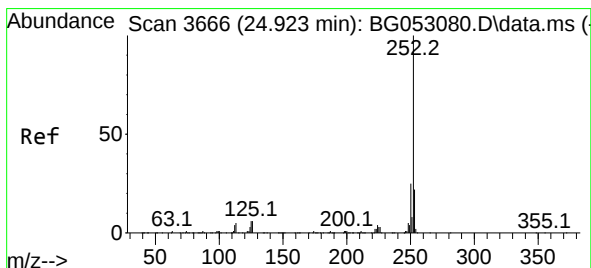
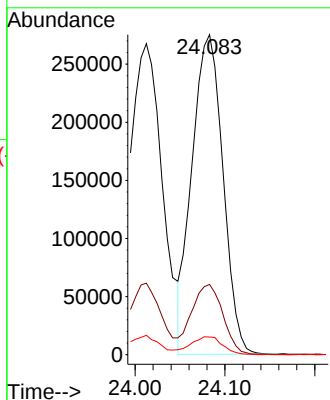
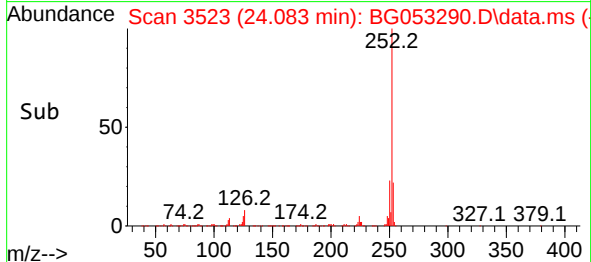
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



Tgt Ion:252 Resp: 658360
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 5.5 5.0 7.4

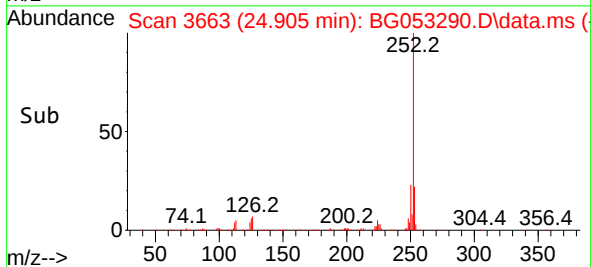
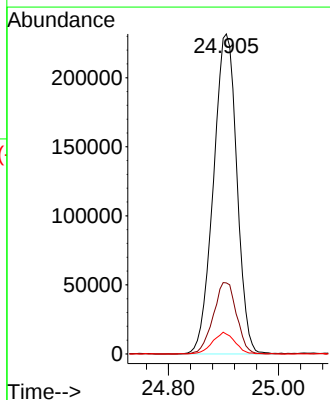
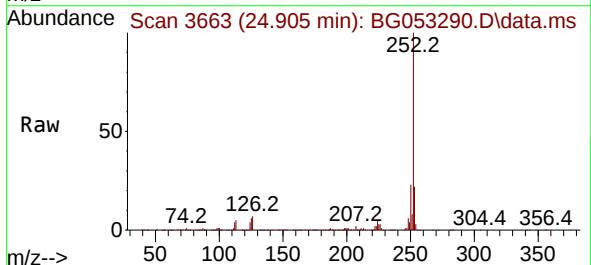
Manual Integrations
APPROVED

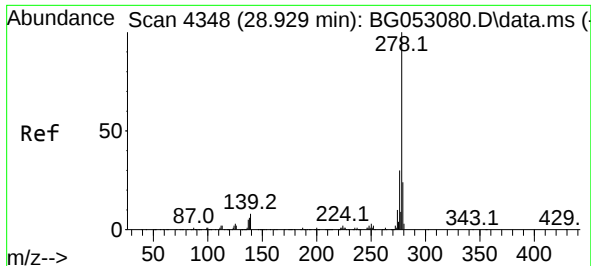
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#90
Benzo(a)pyrene
Concen: 59.111 ng
RT: 24.905 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

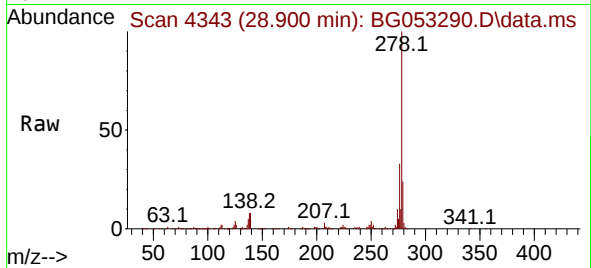
Tgt Ion:252 Resp: 685231
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 50.492 ng
RT: 28.900 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09

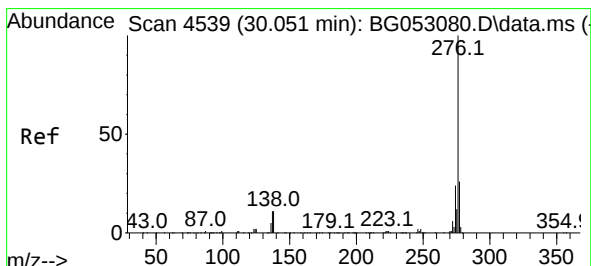
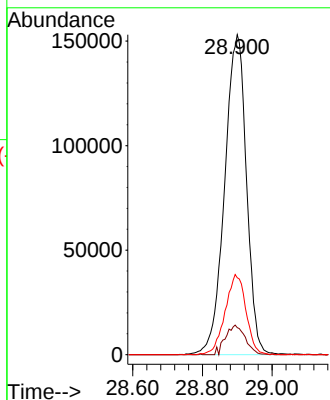
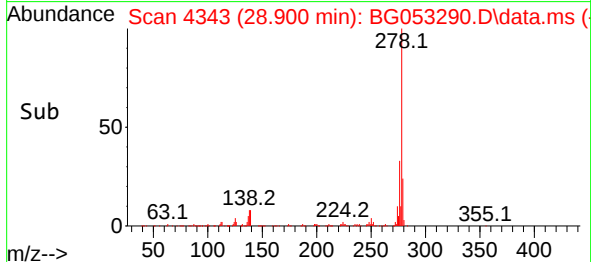
Instrument :
BNA_G
ClientSampleId :
MH-5SMSD



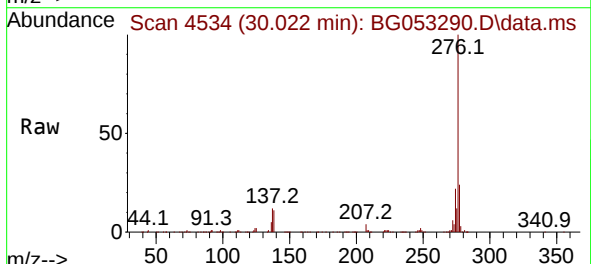
Tgt Ion:278 Resp: 665879
Ion Ratio Lower Upper
278 100
139 8.4 7.8 11.6
279 24.0 18.5 27.7

Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#92
Benzo(g,h,i)perylene
Concen: 51.446 ng
RT: 30.022 min Scan# 4534
Delta R.T. -0.015 min
Lab File: BG053290.D
Acq: 23 Apr 2022 13:09



Tgt Ion:276 Resp: 668709
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.2
138 11.5 9.1 13.7

