

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054326.D
 Acq On : 20 Jul 2022 13:44
 Operator : CG/JU
 Sample : PB146329BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146329BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 01:24:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	19348	20.000	ng	0.00
21) Naphthalene-d8	10.805	136	72189	20.000	ng	# 0.00
39) Acenaphthene-d10	14.630	164	57019	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	153886	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	190922	20.000	ng	# 0.00
86) Perylene-d12	24.842	264	208421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	121769	131.404	ng	0.00
7) Phenol-d6	7.162	99	156644	123.363	ng	0.00
23) Nitrobenzene-d5	9.160	82	100122	75.529	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	145609	121.626	ng	0.00
45) 2-Fluorobiphenyl	13.255	172	314240	77.745	ng	0.00
79) Terphenyl-d14	19.982	244	780923	81.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	10784m	29.251	ng	
3) Pyridine	3.825	79	29349	31.382	ng	97
4) n-Nitrosodimethylamine	3.737	42	22919	43.827	ng	# 77
6) Aniline	7.315	93	57470	39.210	ng	97
8) 2-Chlorophenol	7.562	128	47142	44.267	ng	88
9) Benzaldehyde	7.127	77	23422	35.177	ng	# 73
10) Phenol	7.192	94	55321	43.850	ng	95
11) bis(2-Chloroethyl)ether	7.409	93	36192	39.345	ng	93
12) 1,3-Dichlorobenzene	7.885	146	53368	41.130	ng	91
13) 1,4-Dichlorobenzene	8.032	146	53910	40.233	ng	95
14) 1,2-Dichlorobenzene	8.349	146	52775	41.766	ng	98
15) Benzyl Alcohol	8.232	79	44759	42.858	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.519	45	47470	40.976	ng	90
17) 2-Methylphenol	8.443	107	38362	42.188	ng	97
18) Hexachloroethane	9.084	117	18842	42.468	ng	# 61
19) n-Nitroso-di-n-propyla...	8.796	70	33222	39.180	ng	94
20) 3+4-Methylphenols	8.772	107	52214	40.753	ng	95
22) Acetophenone	8.813	105	70293	40.486	ng	# 97
24) Nitrobenzene	9.201	77	52156	40.259	ng	# 86
25) Isophorone	9.724	82	94591	41.029	ng	# 91
26) 2-Nitrophenol	9.912	139	27183	41.627	ng	91
27) 2,4-Dimethylphenol	9.977	122	43794	48.547	ng	91
28) bis(2-Chloroethoxy)met...	10.206	93	50933	43.803	ng	98
29) 2,4-Dichlorophenol	10.452	162	58396	42.887	ng	90
30) 1,2,4-Trichlorobenzene	10.670	180	67868	40.245	ng	# 95
31) Naphthalene	10.852	128	139941	38.618	ng	98
32) Benzoic acid	10.159	122	9192m	29.239	ng	
33) 4-Chloroaniline	10.958	127	50763	34.447	ng	# 93
34) Hexachlorobutadiene	11.140	225	59748	40.090	ng	99
35) Caprolactam	11.727	113	14551m	42.442	ng	
36) 4-Chloro-3-methylphenol	12.086	107	51981	41.963	ng	# 85
37) 2-Methylnaphthalene	12.456	142	109431	39.324	ng	98
38) 1-Methylnaphthalene	12.679	142	103595m	38.204	ng	
40) 1,2,4,5-Tetrachloroben...	12.832	216	102609	41.075	ng	# 95
41) Hexachlorocyclopentadiene	12.809	237	90806	108.536	ng	95
43) 2,4,6-Trichlorophenol	13.067	196	55662	40.922	ng	92

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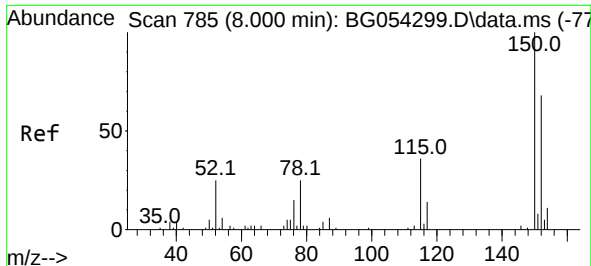
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.143	196	62905	40.931	ng	# 90
46) 1,1'-Biphenyl	13.461	154	162146	41.567	ng	96
47) 2-Chloronaphthalene	13.508	162	132744	40.662	ng	97
48) 2-Nitroaniline	13.707	65	35667	41.864	ng	# 86
49) Acenaphthylene	14.354	152	198587	40.939	ng	100
50) Dimethylphthalate	14.084	163	182097	40.886	ng	99
51) 2,6-Dinitrotoluene	14.201	165	41094	42.067	ng	# 80
52) Acenaphthene	14.695	154	118982	40.506	ng	98
53) 3-Nitroaniline	14.530	138	27476	33.630	ng	87
54) 2,4-Dinitrophenol	14.747	184	39690	70.824	ng	# 79
55) Dibenzofuran	15.029	168	211690	40.503	ng	96
56) 4-Nitrophenol	14.853	139	48485	88.949	ng	96
57) 2,4-Dinitrotoluene	14.994	165	59976	42.827	ng	# 84
58) Fluorene	15.676	166	175370	40.811	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.259	232	61193	40.897	ng	# 86
60) Diethylphthalate	15.441	149	175546	41.087	ng	95
61) 4-Chlorophenyl-phenyle...	15.664	204	119494	42.363	ng	# 89
62) 4-Nitroaniline	15.693	138	34285	39.943	ng	90
63) Azobenzene	15.958	77	124275	40.256	ng	83
65) 4,6-Dinitro-2-methylph...	15.764	198	35085	36.904	ng	78
66) n-Nitrosodiphenylamine	15.881	169	158105	41.151	ng	97
67) 4-Bromophenyl-phenylether	16.557	248	90812	42.018	ng	# 92
68) Hexachlorobenzene	16.686	284	103681	41.950	ng	# 91
69) Atrazine	16.827	200	83576	48.884	ng	94
70) Pentachlorophenol	17.033	266	71660	67.468	ng	95
71) Phenanthrene	17.415	178	311871	40.696	ng	98
72) Anthracene	17.509	178	316815	42.128	ng	98
73) Carbazole	17.773	167	265522	42.886	ng	98
74) Di-n-butylphthalate	18.331	149	303621	41.556	ng	98
75) Fluoranthene	19.424	202	434057	41.550	ng	95
77) Benzidine	19.601	184	218676	63.242	ng	97
78) Pyrene	19.789	202	434462	39.659	ng	98
80) Butylbenzylphthalate	20.670	149	135632	39.729	ng	# 85
81) Benzo(a)anthracene	21.622	228	489682	40.404	ng	98
82) 3,3'-Dichlorobenzidine	21.534	252	150267	39.867	ng	# 95
83) Chrysene	21.686	228	456525	39.870	ng	98
84) Bis(2-ethylhexyl)phtha...	21.522	149	196215	40.618	ng	# 91
85) Di-n-octyl phthalate	22.720	149	342252	41.530	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.508	276	630242	39.749	ng	# 98
88) Benzo(b)fluoranthene	23.825	252	548478	44.498	ng	# 98
89) Benzo(k)fluoranthene	23.896	252	509923	41.569	ng	# 98
90) Benzo(a)pyrene	24.689	252	477168	45.331	ng	# 98
91) Dibenzo(a,h)anthracene	28.567	278	547856	42.021	ng	# 95
92) Benzo(g,h,i)perylene	29.648	276	536789	41.715	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.997 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

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BNA_G

ClientSampleId :

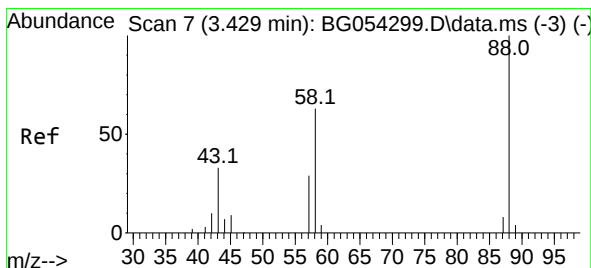
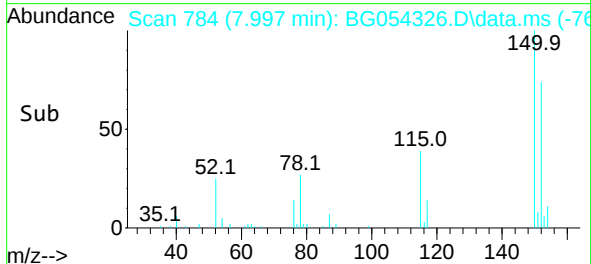
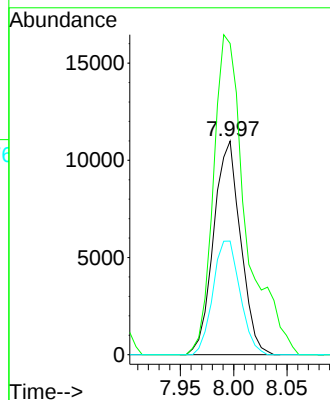
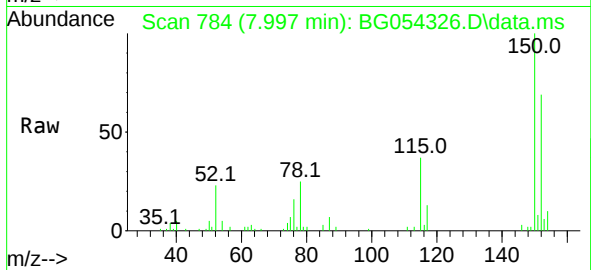
PB146329BS

Tgt Ion:152 Resp: 1934
Ion Ratio Lower Upper
152 100
150 145.7 131.6 197.4
115 53.2 50.9 76.3

Manual Integrations

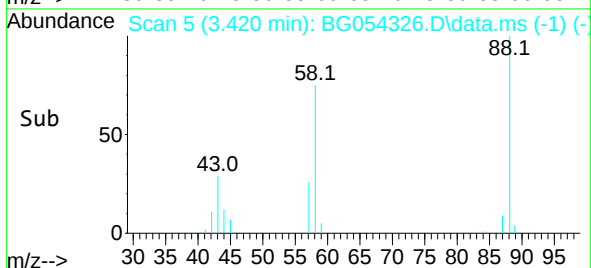
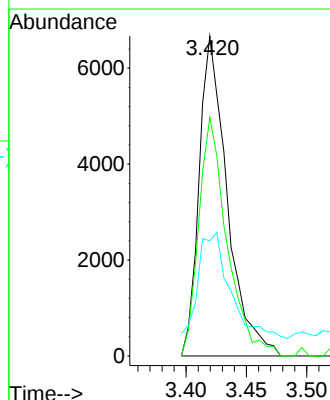
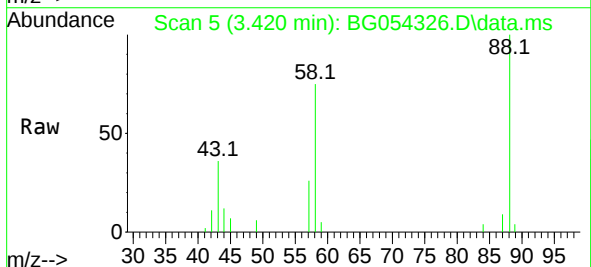
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#2
1,4-Dioxane
Concen: 29.251 ng m
RT: 3.420 min Scan# 5
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

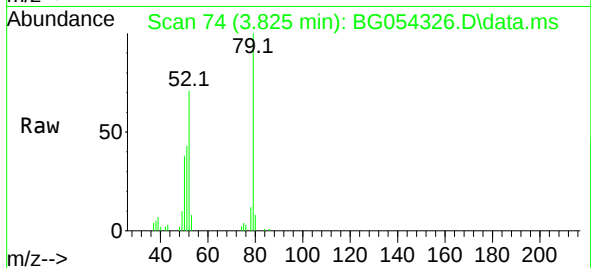
Tgt Ion: 88 Resp: 10784
Ion Ratio Lower Upper
88 100
58 67.0 59.2 88.8
43 33.6 24.3 36.5





#3
Pyridine
Concen: 31.382 ng
RT: 3.825 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

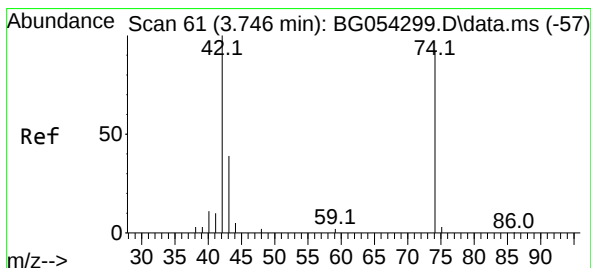
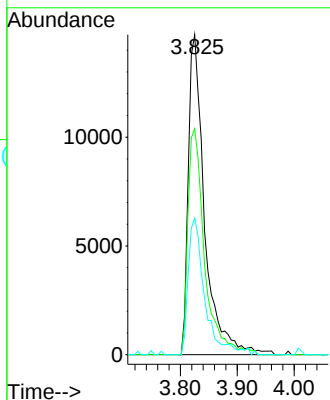
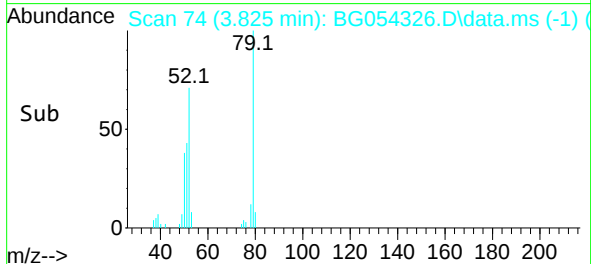
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ClientSampleId :
PB146329BS



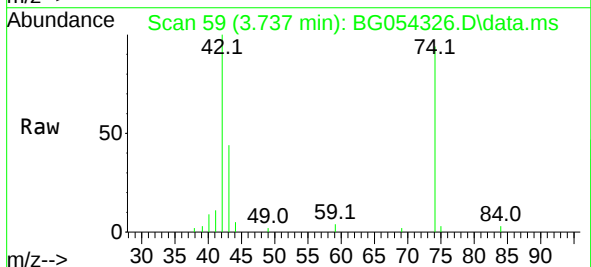
Tgt Ion: 79 Resp: 29349
Ion Ratio Lower Upper
79 100
52 70.6 54.6 81.8
51 42.7 32.5 48.7

Manual Integrations
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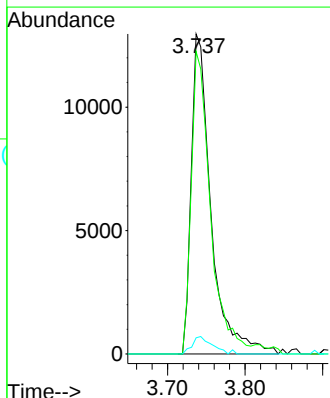
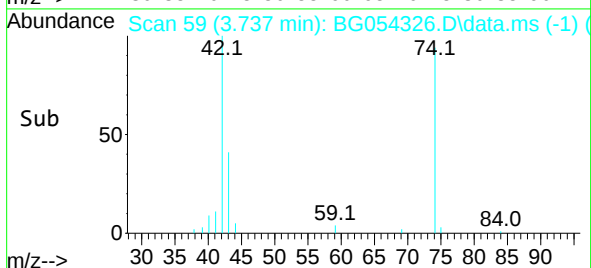
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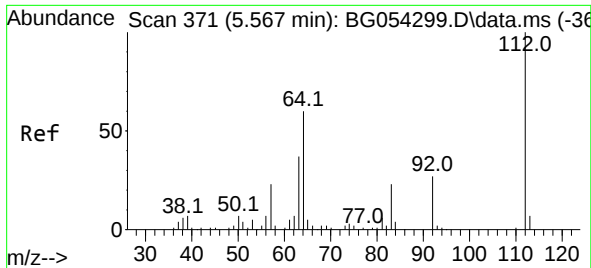


#4
n-Nitrosodimethylamine
Concen: 43.827 ng
RT: 3.737 min Scan# 59
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion: 42 Resp: 22919
Ion Ratio Lower Upper
42 100
74 94.5 97.0 145.4#
44 5.1 7.0 10.4#





#5
2-Fluorophenol
Concen: 131.404 ng
RT: 5.564 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

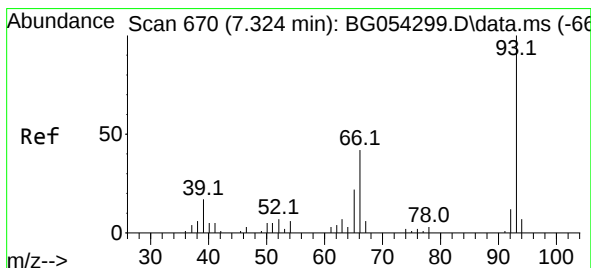
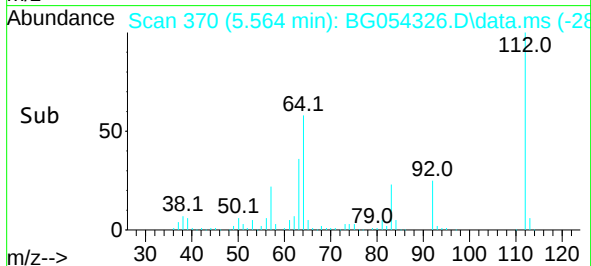
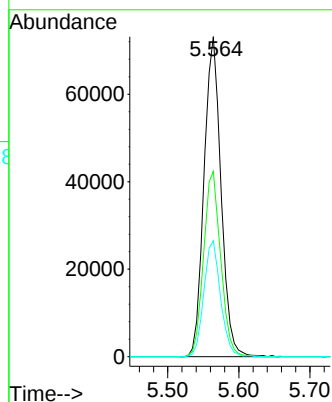
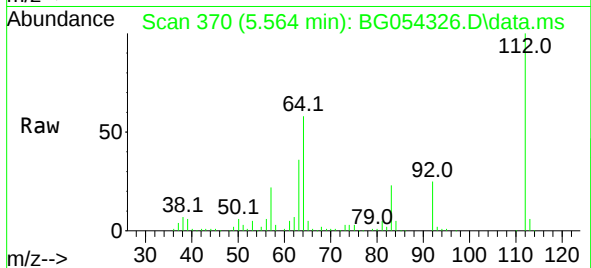
PB146329BS

Tgt Ion:112 Resp: 121769
Ion Ratio Lower Upper
112 100
64 57.9 55.1 82.7
63 36.2 30.4 45.6

Manual Integrations

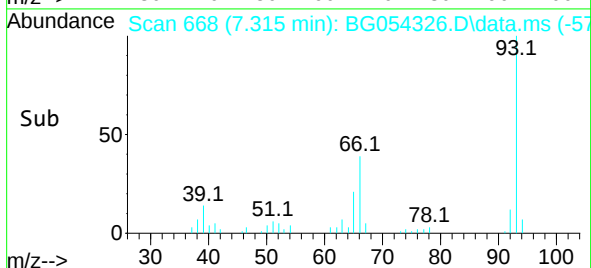
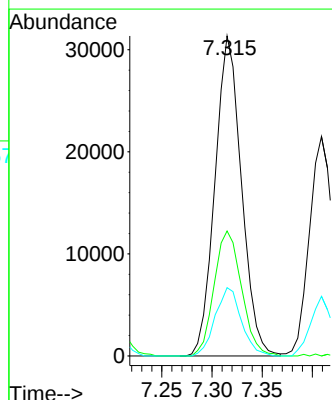
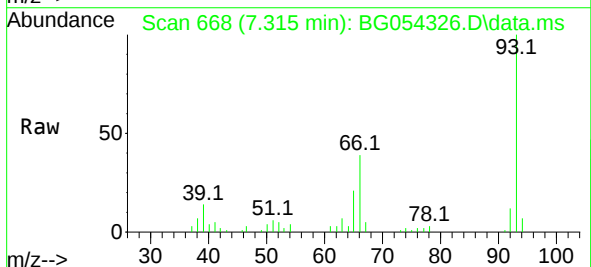
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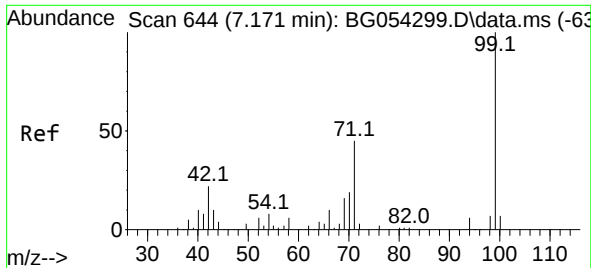
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#6
Aniline
Concen: 39.210 ng
RT: 7.315 min Scan# 668
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion: 93 Resp: 57470
Ion Ratio Lower Upper
93 100
66 39.0 32.9 49.3
65 21.3 17.8 26.8





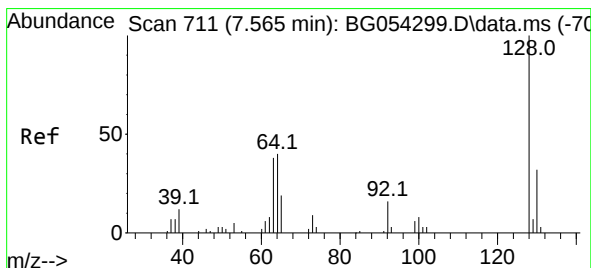
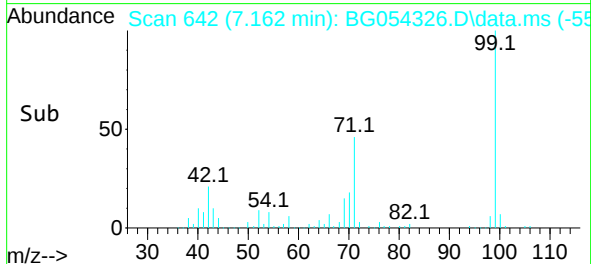
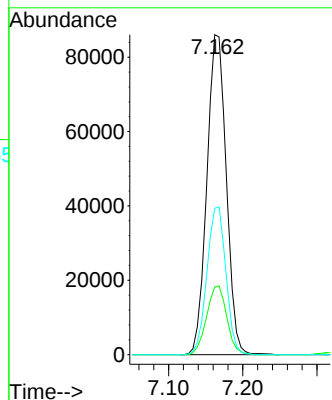
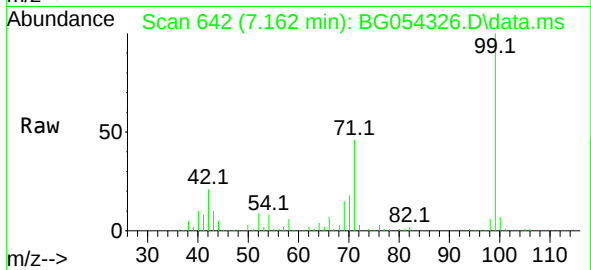
#7
Phenol-d6
Concen: 123.363 ng
RT: 7.162 min Scan# 644
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :
BNA_G
ClientSampleId :
PB146329BS

Tgt Ion: 99 Resp: 156644
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 45.8 33.8 50.8

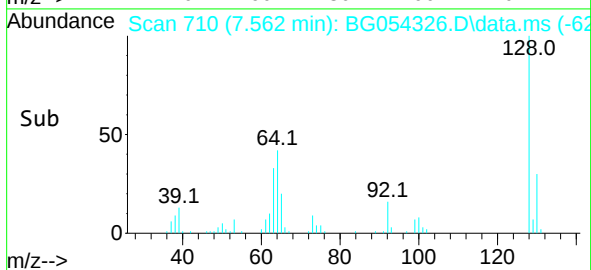
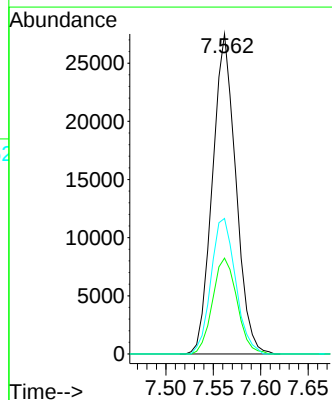
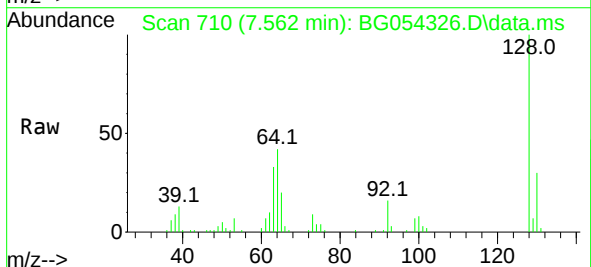
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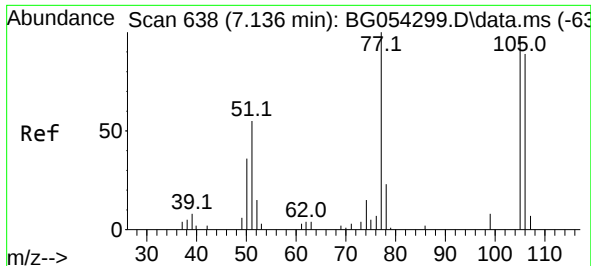
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#8
2-Chlorophenol
Concen: 44.267 ng
RT: 7.562 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:128 Resp: 47142
Ion Ratio Lower Upper
128 100
130 30.0 10.5 50.5
64 42.4 35.1 75.1





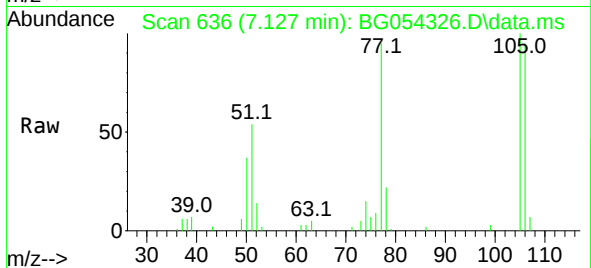
#9
Benzaldehyde
Concen: 35.177 ng
RT: 7.127 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

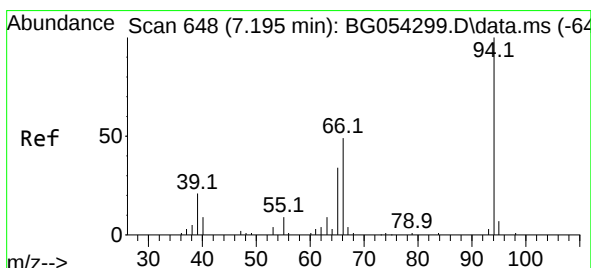
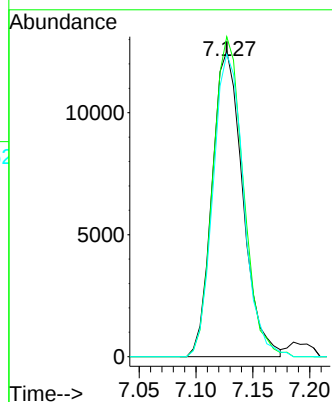


Tgt Ion: 77 Resp: 2342
Ion Ratio Lower Upper
77 100
105 104.7 59.6 99.6
106 99.0 56.8 96.8

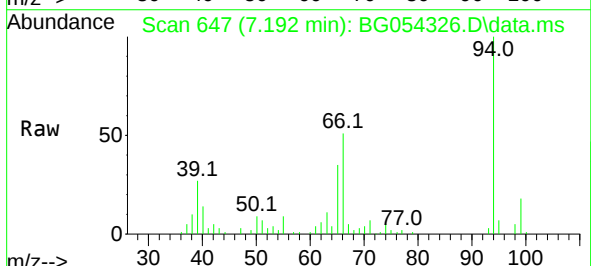
Manual Integrations

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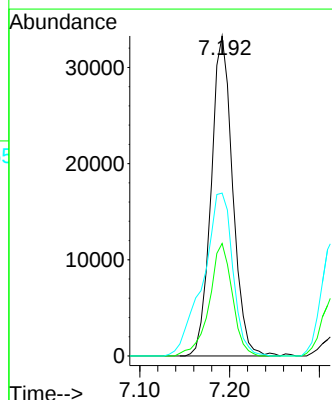
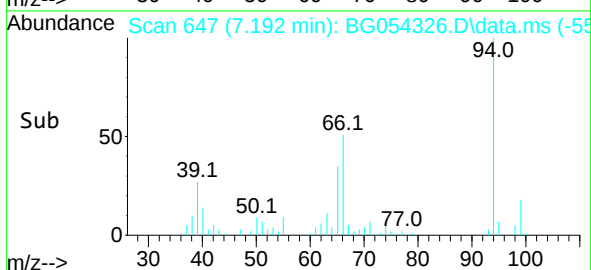
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#10
Phenol
Concen: 43.850 ng
RT: 7.192 min Scan# 647
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion: 94 Resp: 55321
Ion Ratio Lower Upper
94 100
65 35.1 14.8 54.8
66 50.9 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 39.345 ng
RT: 7.409 min Scan# 684
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

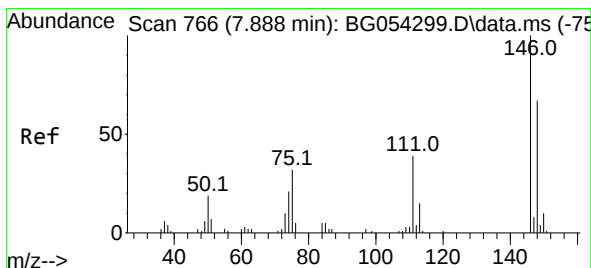
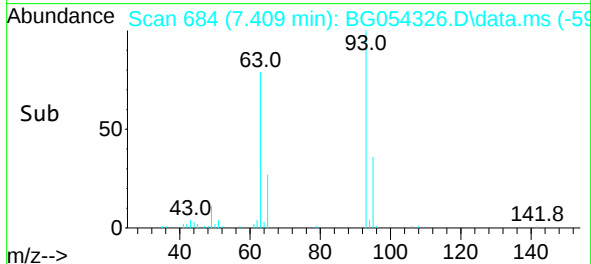
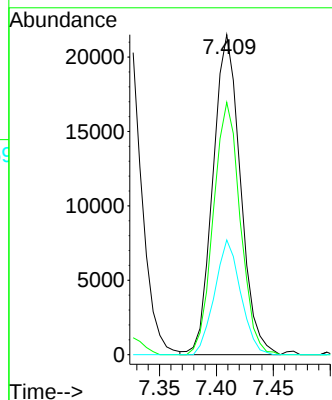
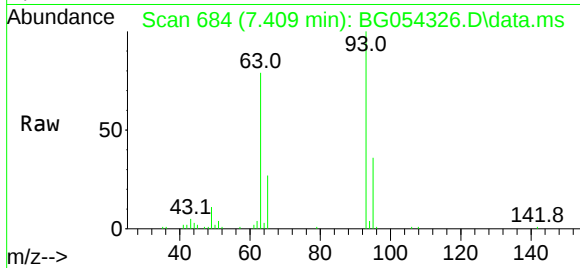
ClientSampleId :

PB146329BS

Tgt Ion: 93 Resp: 3619
Ion Ratio Lower Upper
93 100
63 78.9 63.6 103.6
95 35.9 10.1 50.1

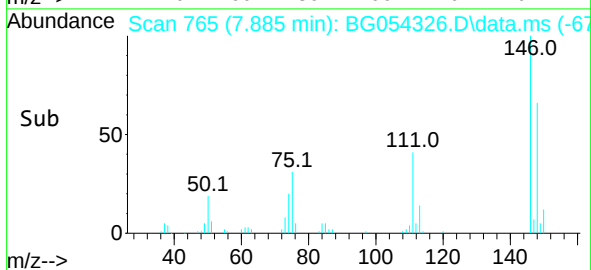
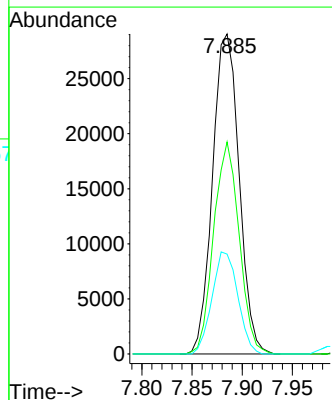
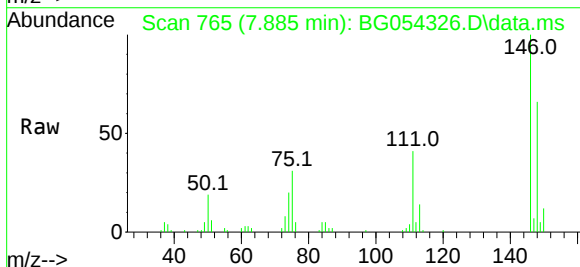
Manual Integrations
APPROVED

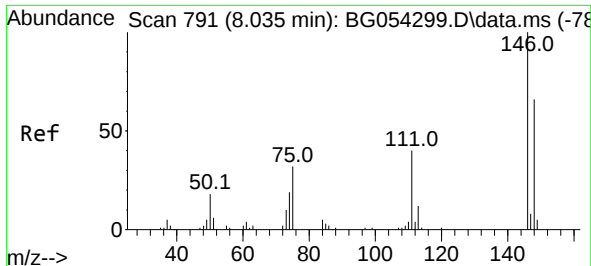
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#12
1,3-Dichlorobenzene
Concen: 41.130 ng
RT: 7.885 min Scan# 765
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:146 Resp: 53368
Ion Ratio Lower Upper
146 100
148 66.2 46.1 69.1
75 31.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.233 ng

RT: 8.032 min Scan# 791

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

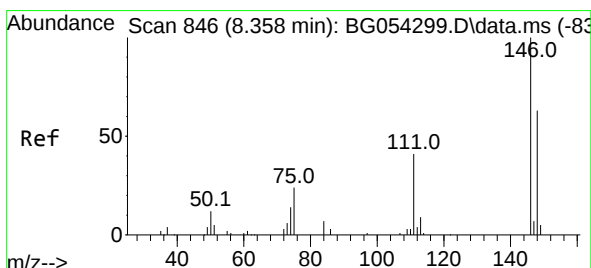
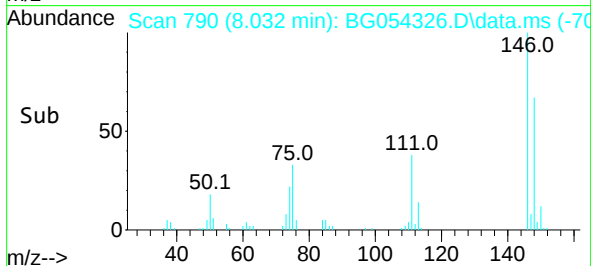
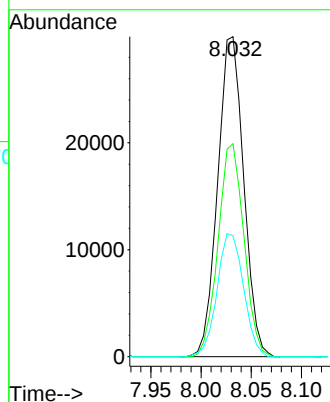
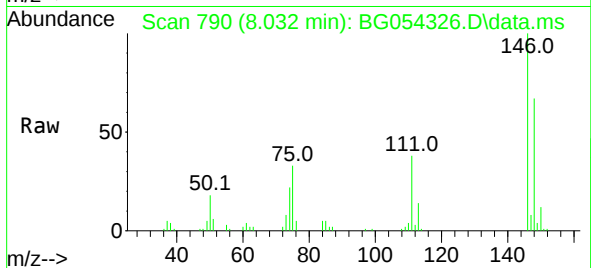
PB146329BS

Tgt Ion:146 Resp: 53910
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.5 77.3
 111 37.8 33.9 50.9

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 41.766 ng

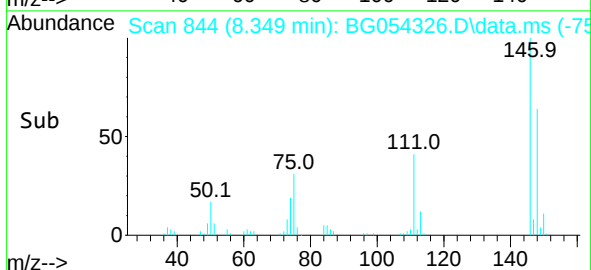
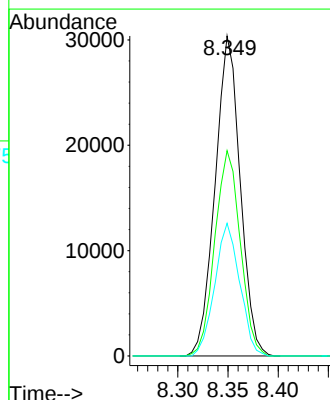
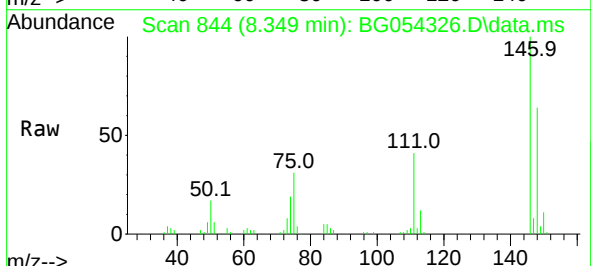
RT: 8.349 min Scan# 844

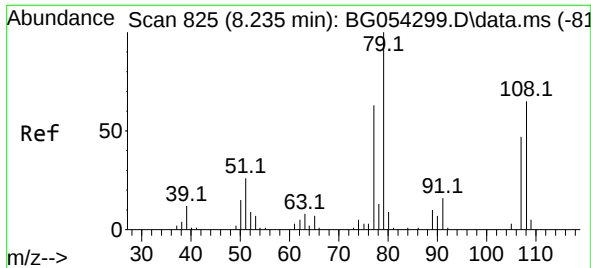
Delta R.T. -0.009 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Tgt Ion:146 Resp: 52775
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.6 78.8
 111 41.5 34.5 51.7





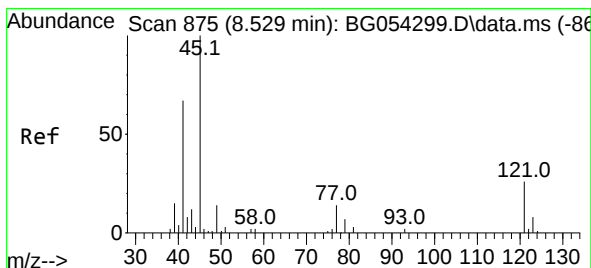
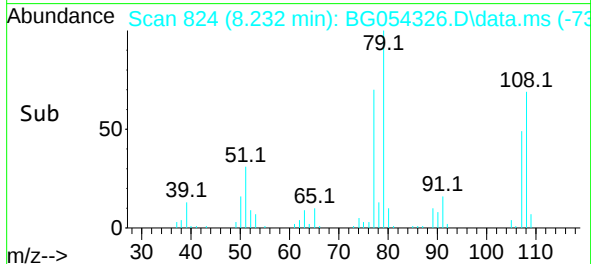
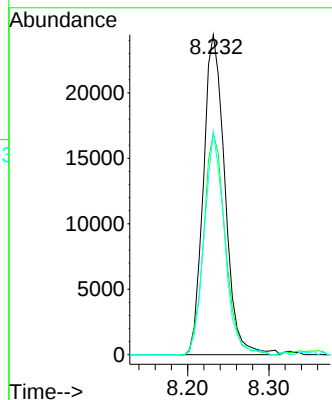
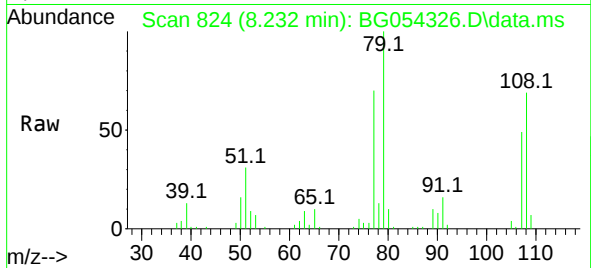
#15
Benzyl Alcohol
Concen: 42.858 ng
RT: 8.232 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :
BNA_G
ClientSampleId :
PB146329BS

Tgt Ion: 79 Resp: 4475
Ion Ratio Lower Upper
79 100
108 69.1 53.7 80.5
77 69.7 52.2 78.4

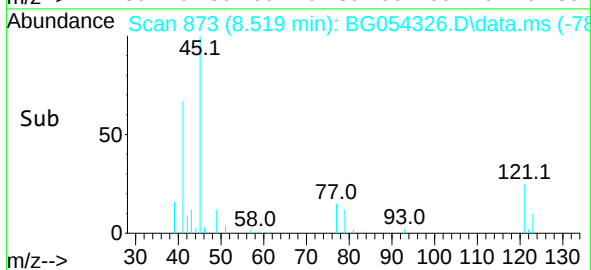
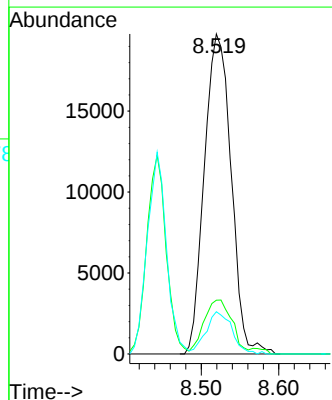
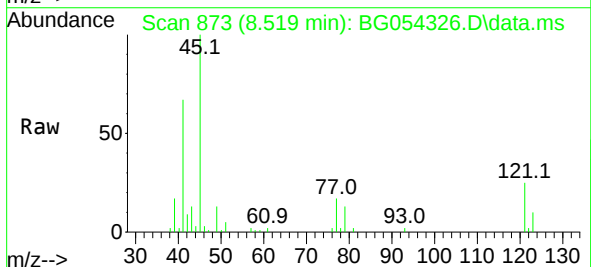
Manual Integrations
APPROVED

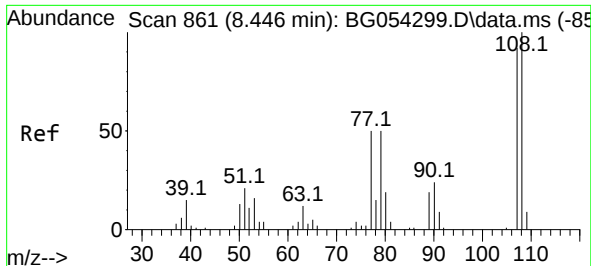
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.976 ng
RT: 8.519 min Scan# 873
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion: 45 Resp: 47470
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.7
79 13.2 0.0 29.7





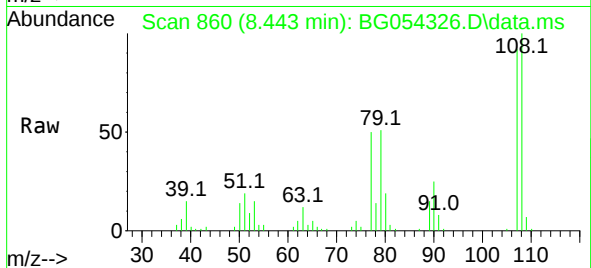
#17
2-Methylphenol
Concen: 42.188 ng
RT: 8.443 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

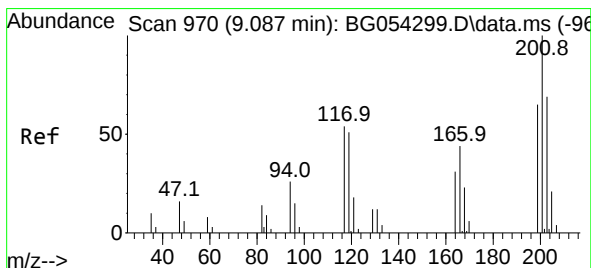
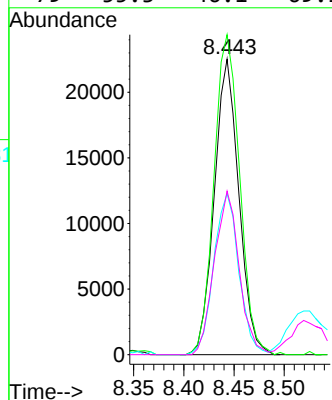


Tgt Ion:107 Resp: 3836
Ion Ratio Lower Upper
107 100
108 108.3 85.4 128.0
77 54.5 46.2 69.2
79 55.3 46.1 69.1

Manual Integrations

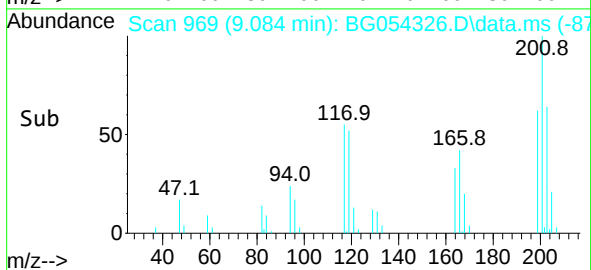
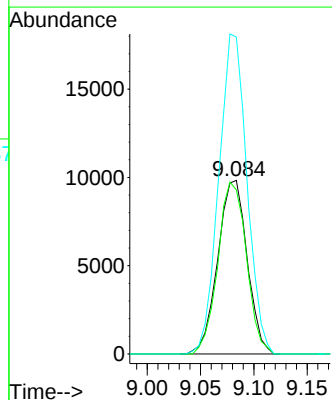
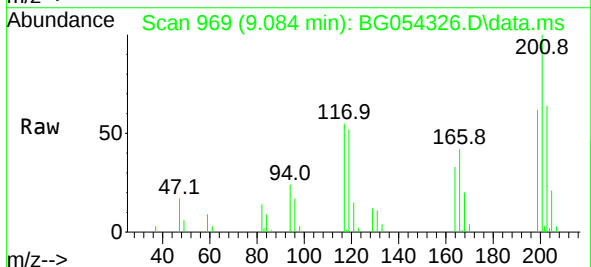
APPROVED

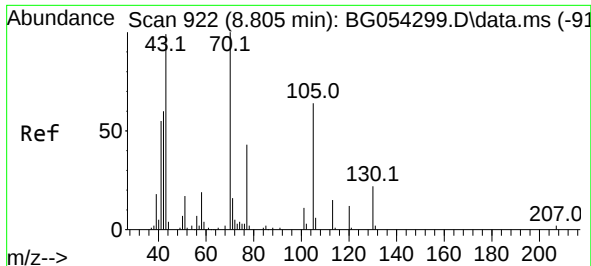
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#18
Hexachloroethane
Concen: 42.468 ng
RT: 9.084 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:117 Resp: 18842
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
201 188.0 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 39.180 ng

RT: 8.796 min Scan# 916

Delta R.T. -0.009 min

Lab File: BG054326.D

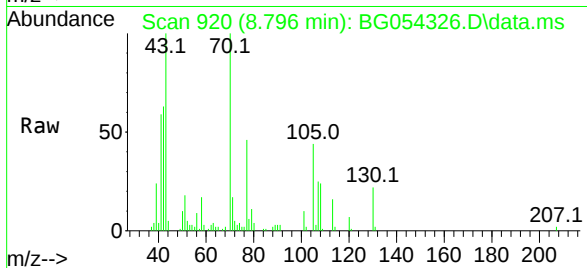
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS



Tgt Ion: 70 Resp: 3322

Ion Ratio Lower Upper

70 100

42 63.2 47.3 70.9

101 9.8 7.0 10.4

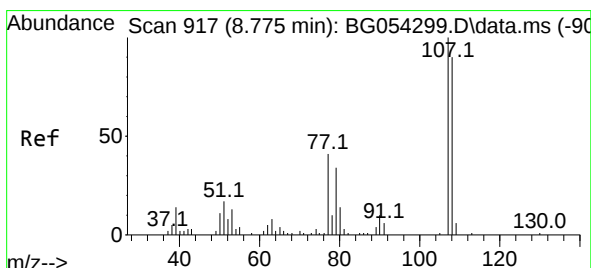
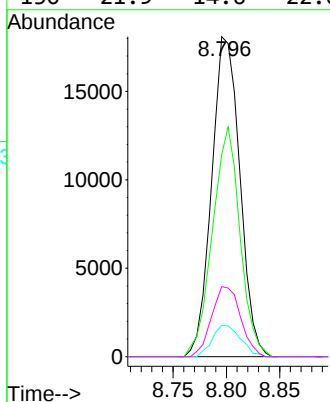
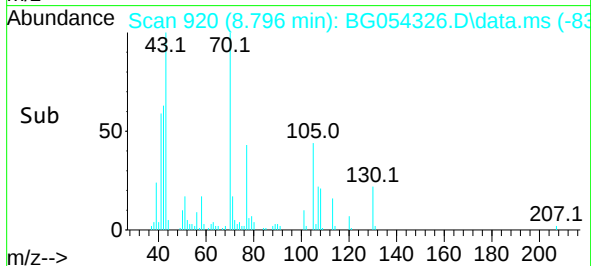
130 21.9 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#20

3+4-Methylphenols

Concen: 40.753 ng

RT: 8.772 min Scan# 916

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Tgt Ion:107 Resp: 52214

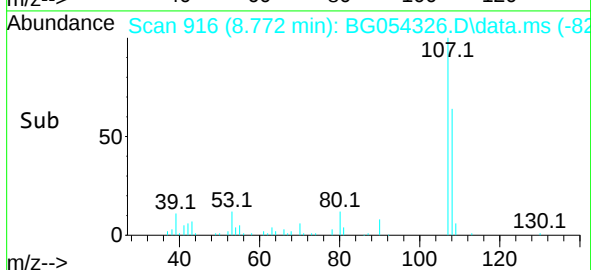
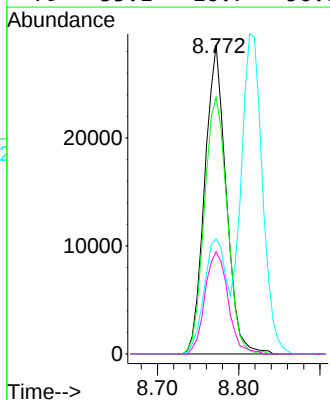
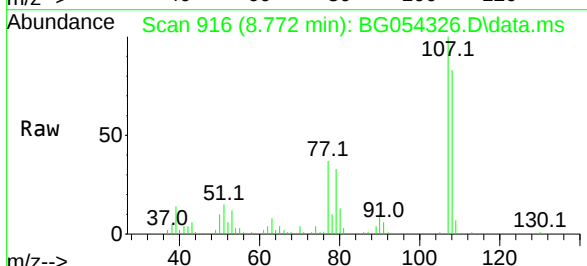
Ion Ratio Lower Upper

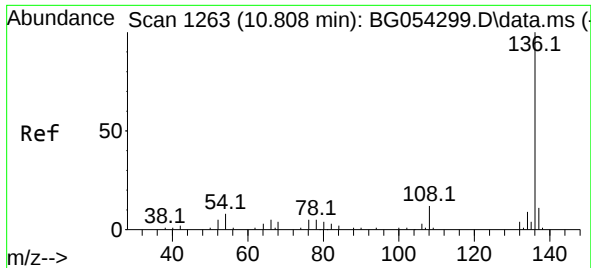
107 100

108 83.2 67.5 107.5

77 37.3 20.3 60.3

79 33.1 16.7 56.7





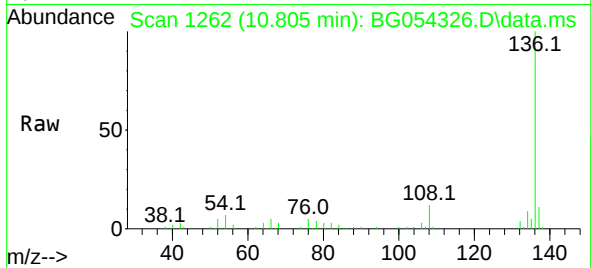
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.805 min Scan# 1262
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

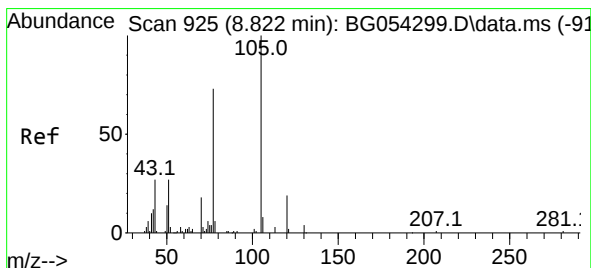
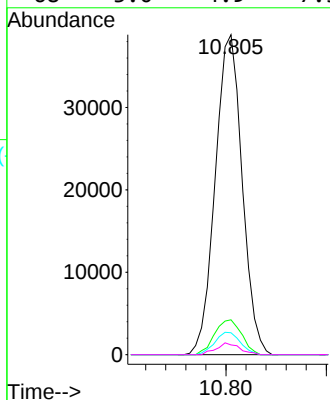
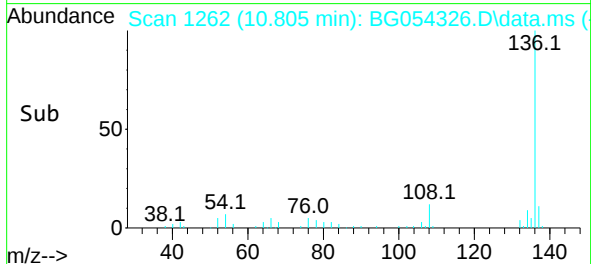


Tgt Ion:136 Resp: 72189
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.9 7.4 11.2
68 3.0 4.9 7.3

Manual Integrations

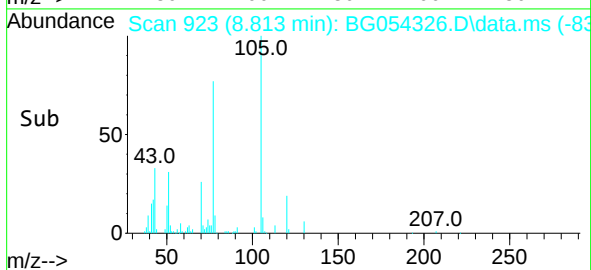
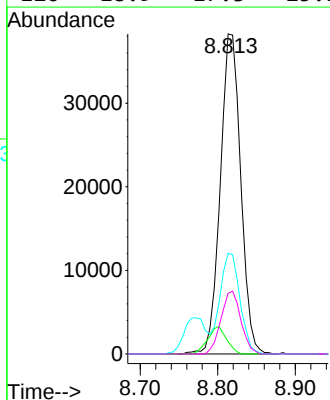
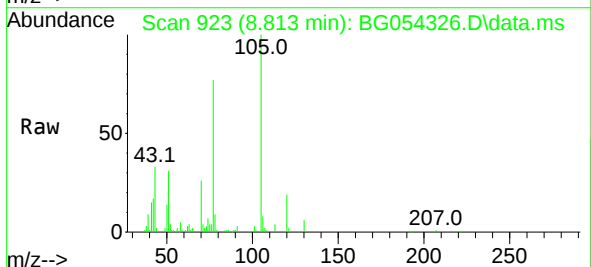
APPROVED

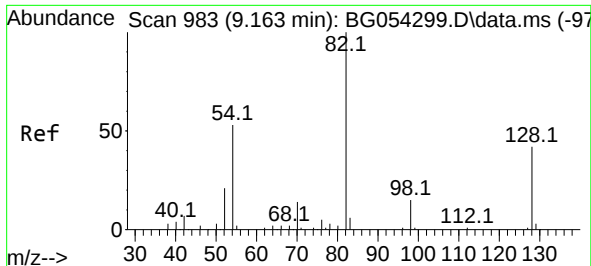
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#22
Acetophenone
Concen: 40.486 ng
RT: 8.813 min Scan# 923
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:105 Resp: 70293
Ion Ratio Lower Upper
105 100
71 3.9 1.1 1.7
51 31.5 25.4 38.0
120 18.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.529 ng

RT: 9.160 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

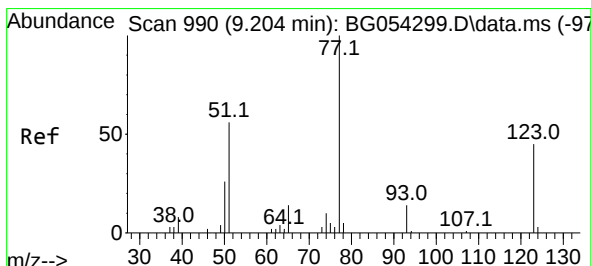
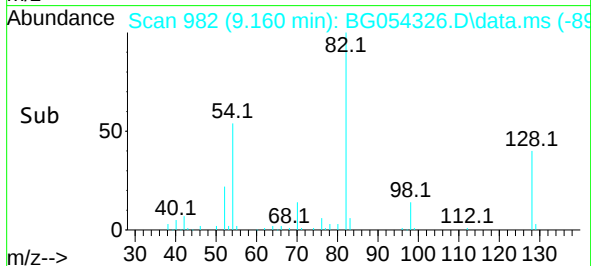
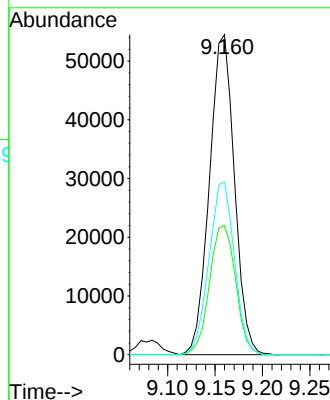
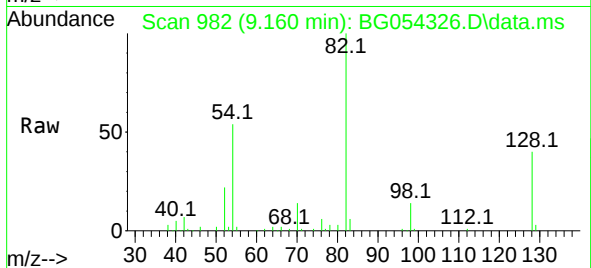
ClientSampleId :

PB146329BS

Tgt Ion: 82 Resp: 10012
 Ion Ratio Lower Upper
 82 100
 128 40.4 27.9 41.9
 54 53.9 41.2 61.8

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 40.259 ng

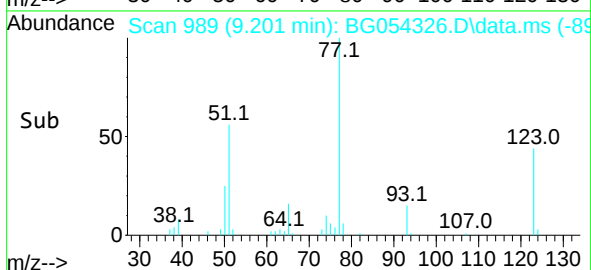
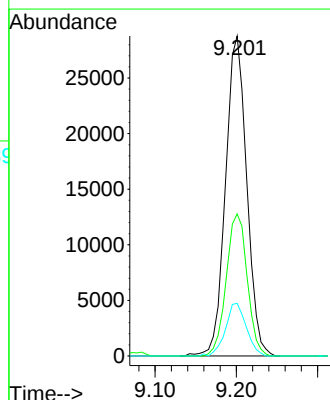
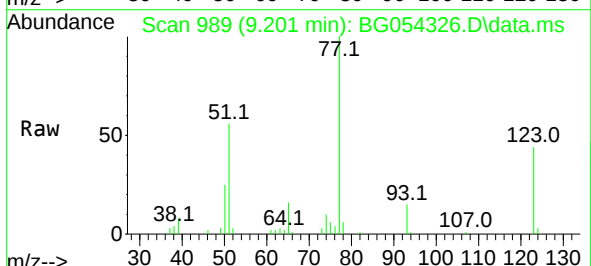
RT: 9.201 min Scan# 989

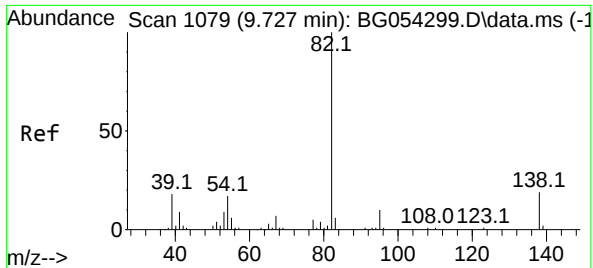
Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Tgt Ion: 77 Resp: 52156
 Ion Ratio Lower Upper
 77 100
 123 44.4 27.4 41.0#
 65 16.4 11.4 17.0





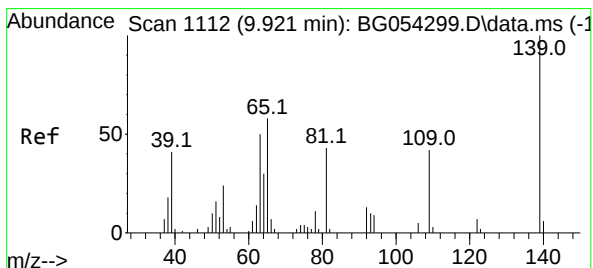
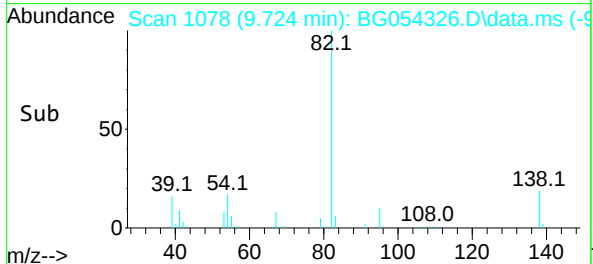
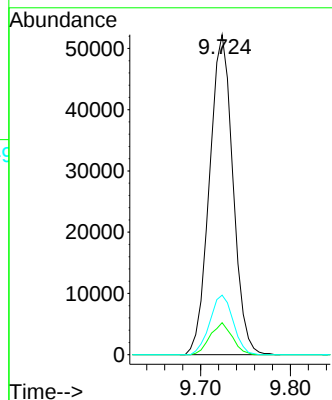
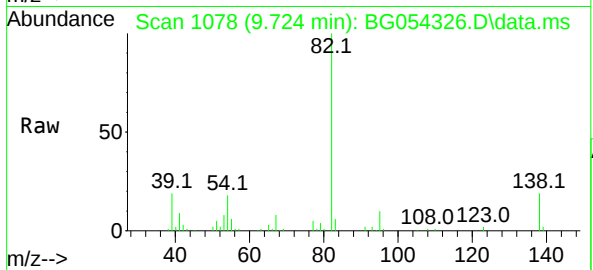
#25
Isophorone
Concen: 41.029 ng
RT: 9.724 min Scan# 1107
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :
BNA_G
ClientSampleId :
PB146329BS

Tgt Ion: 82 Resp: 9459
Ion Ratio Lower Upper
82 100
95 10.0 6.2 9.4
138 18.6 11.6 17.4

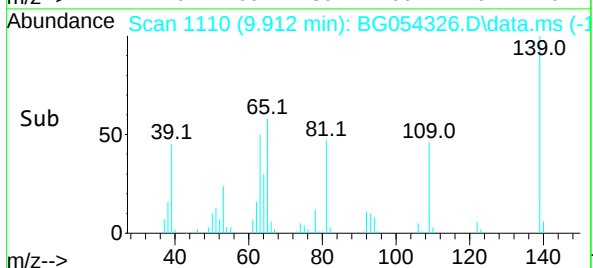
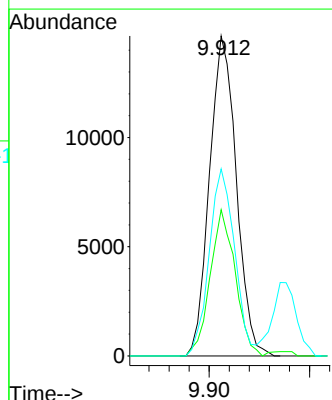
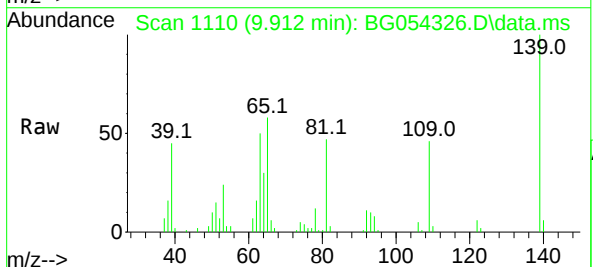
Manual Integrations
APPROVED

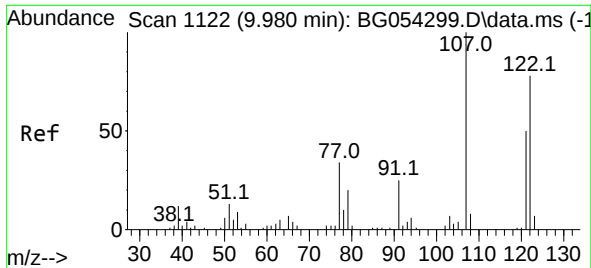
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#26
2-Nitrophenol
Concen: 41.627 ng
RT: 9.912 min Scan# 1110
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:139 Resp: 27183
Ion Ratio Lower Upper
139 100
109 45.7 36.1 54.1
65 58.4 55.8 83.6





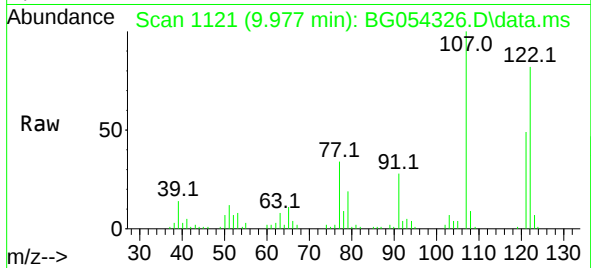
#27
2,4-Dimethylphenol
Concen: 48.547 ng
RT: 9.977 min Scan# 1122
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

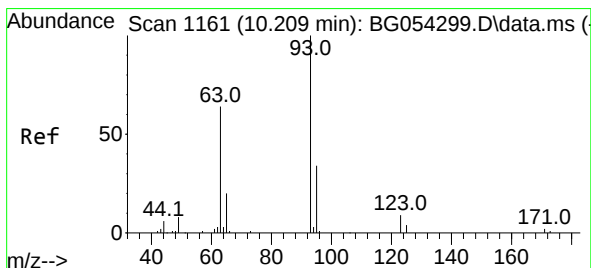
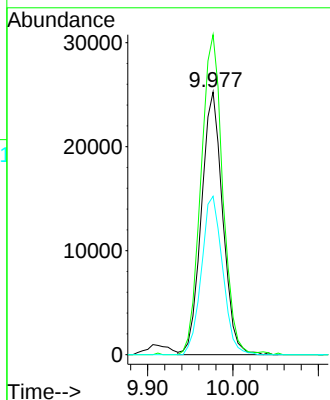
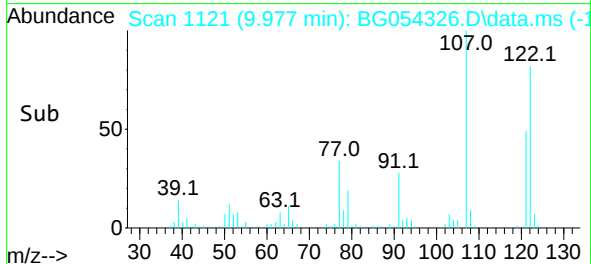


Tgt Ion:122 Resp: 43794
Ion Ratio Lower Upper
122 100
107 121.8 109.4 164.0
121 60.3 48.7 73.1

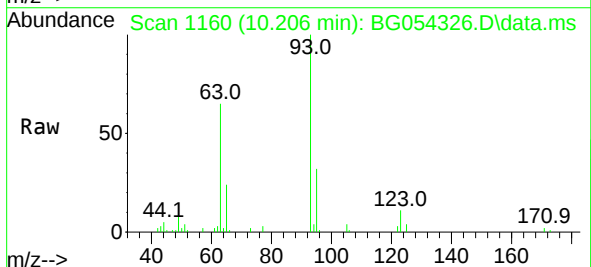
Manual Integrations

APPROVED

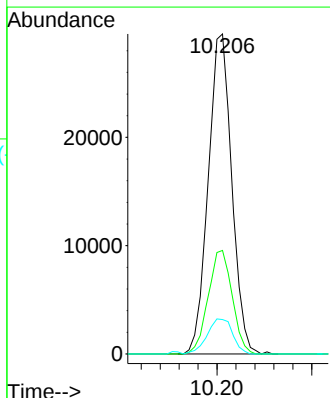
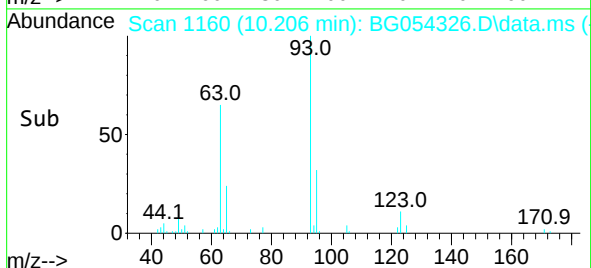
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

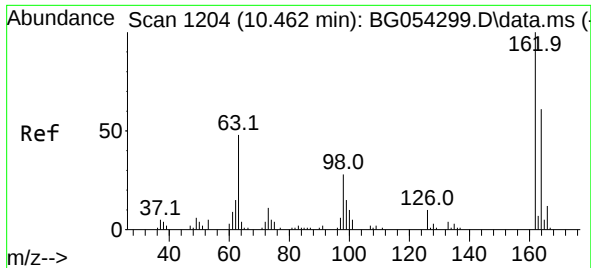


#28
bis(2-Chloroethoxy)methane
Concen: 43.803 ng
RT: 10.206 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion: 93 Resp: 50933
Ion Ratio Lower Upper
93 100
95 32.3 26.9 40.3
123 10.8 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 42.887 ng
RT: 10.452 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

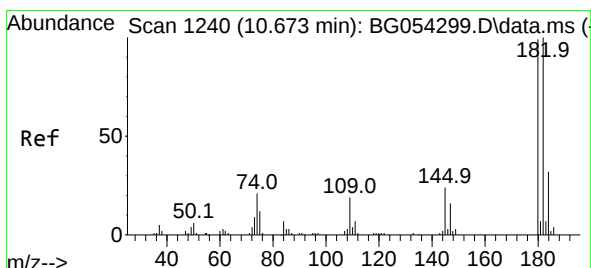
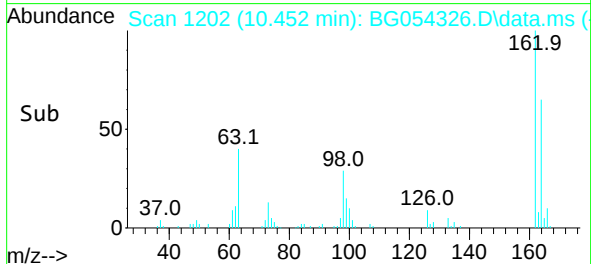
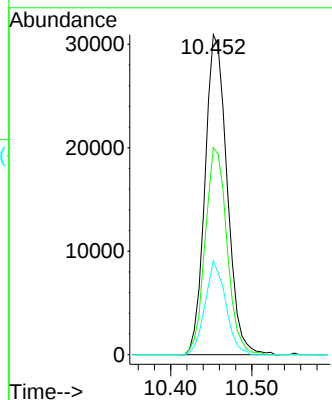
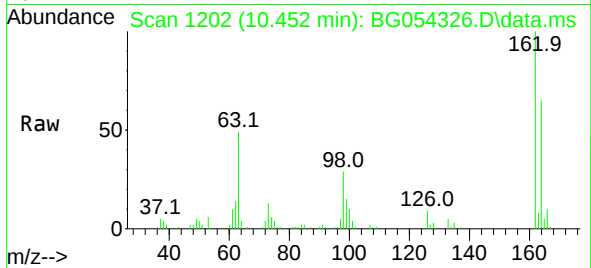
PB146329BS

Tgt Ion:162 Resp: 58390
Ion Ratio Lower Upper
162 100
164 64.7 46.6 86.6
98 29.3 22.8 62.8

Manual Integrations

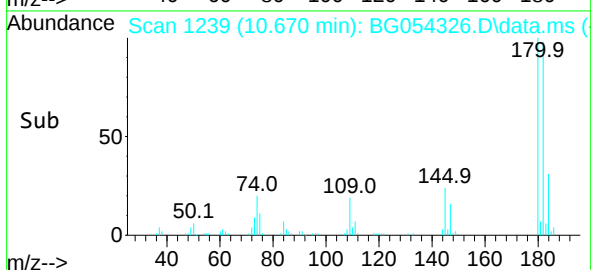
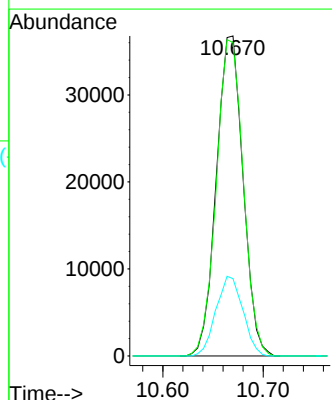
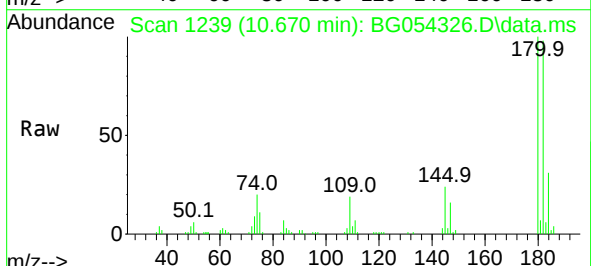
APPROVED

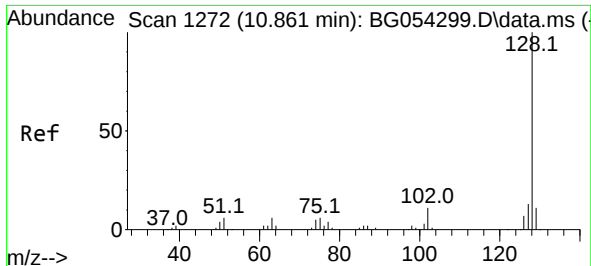
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#30
1,2,4-Trichlorobenzene
Concen: 40.245 ng
RT: 10.670 min Scan# 1239
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

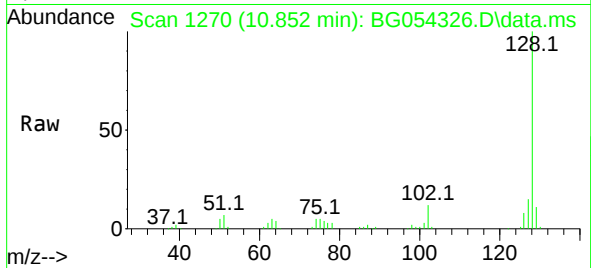
Tgt Ion:180 Resp: 67868
Ion Ratio Lower Upper
180 100
182 97.9 76.6 115.0
145 24.1 25.0 37.4#





#31
Naphthalene
Concen: 38.618 ng
RT: 10.852 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

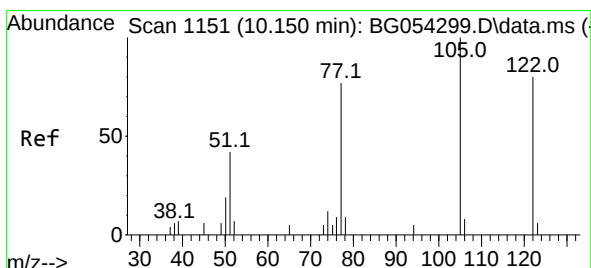
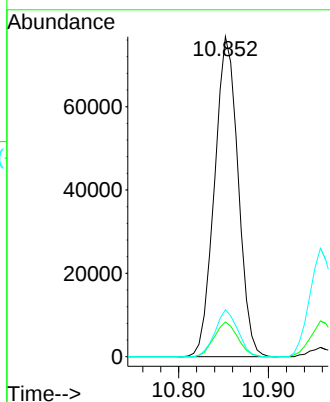
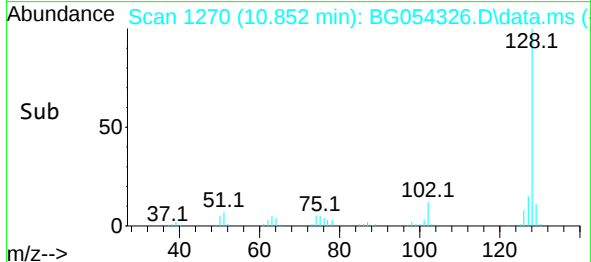
Instrument :
BNA_G
ClientSampleId :
PB146329BS



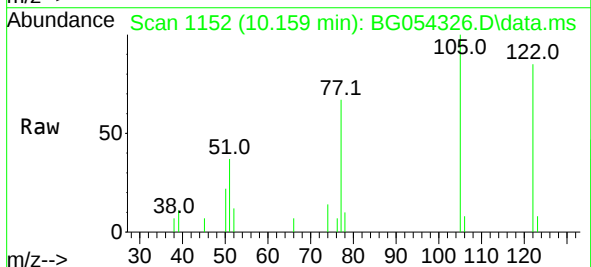
Tgt Ion:128 Resp: 13994
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.6 11.1 16.7

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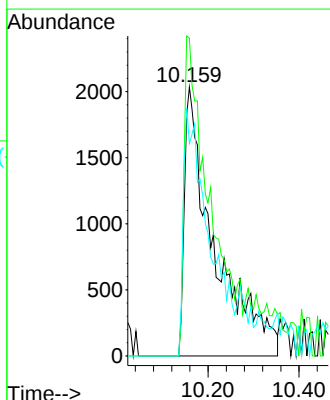
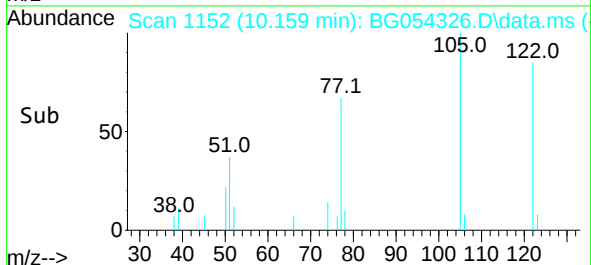
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#32
Benzoic acid
Concen: 29.239 ng m
RT: 10.159 min Scan# 1152
Delta R.T. 0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:122 Resp: 9192
Ion Ratio Lower Upper
122 100
105 118.2 111.8 151.8
77 79.0 109.4 149.4#





#33
4-Chloroaniline
Concen: 34.447 ng
RT: 10.958 min Scan# 1288
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

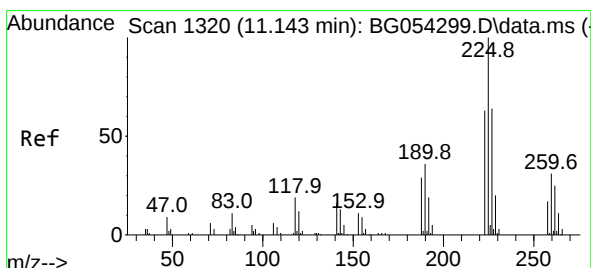
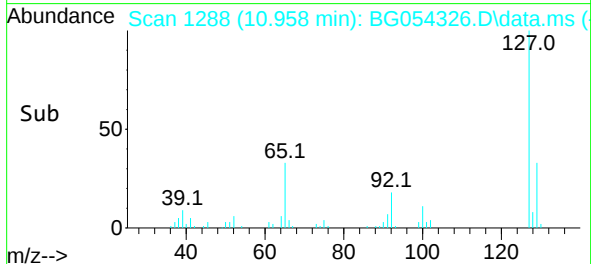
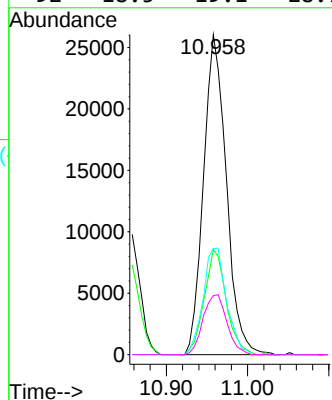
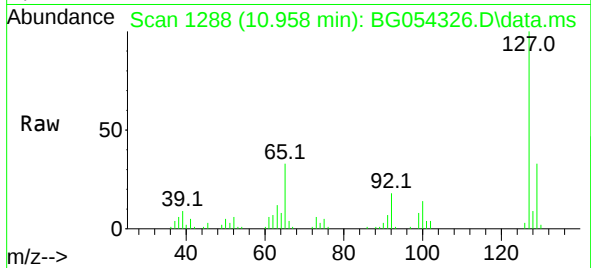
ClientSampleId :

PB146329BS

Tgt Ion:127 Resp: 5076
Ion Ratio Lower Upper
127 100
129 32.9 26.3 39.5
65 33.2 31.1 46.7
92 18.5 19.1 28.7#

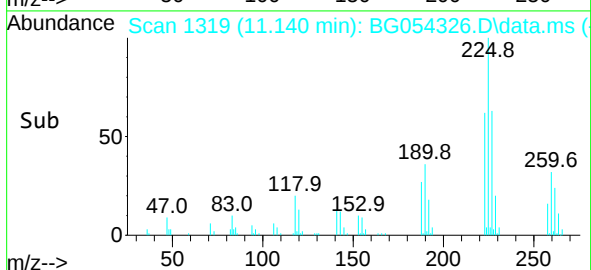
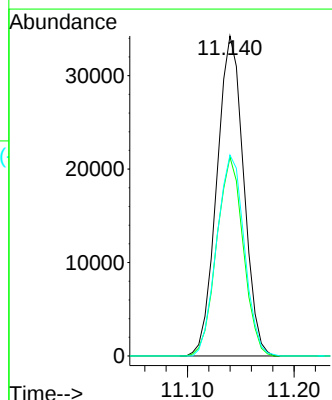
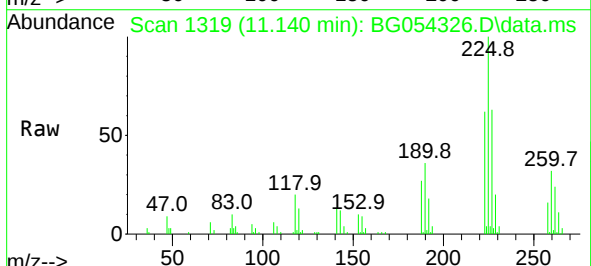
Manual Integrations
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Supervised By :Jagrut Upadhyay 07/21/2022



#34
Hexachlorobutadiene
Concen: 40.090 ng
RT: 11.140 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

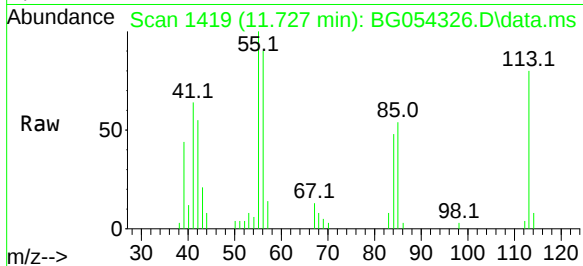
Tgt Ion:225 Resp: 59748
Ion Ratio Lower Upper
225 100
223 62.2 48.9 73.3
227 65.5 52.8 79.2





#35
Caprolactam
Concen: 42.442 ng m
RT: 11.727 min Scan# 1421
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

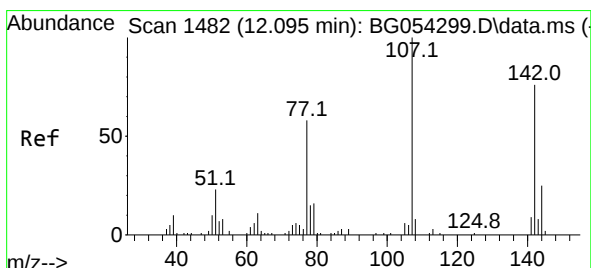
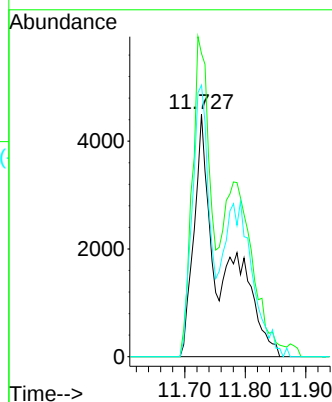
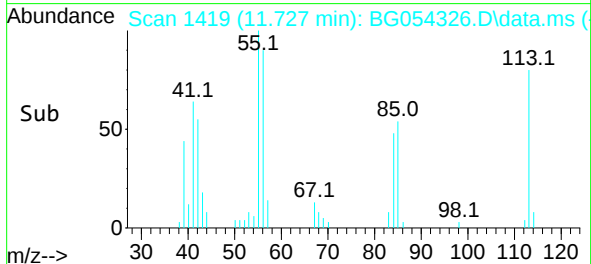
Instrument :
BNA_G
ClientSampleId :
PB146329BS



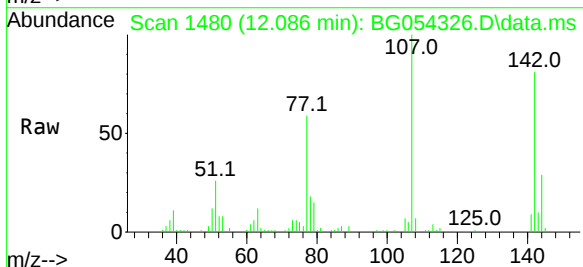
Tgt Ion:113 Resp: 1455
Ion Ratio Lower Upper
113 100
55 125.0 169.8 209.8
56 112.0 141.2 181.2

Manual Integrations
APPROVED

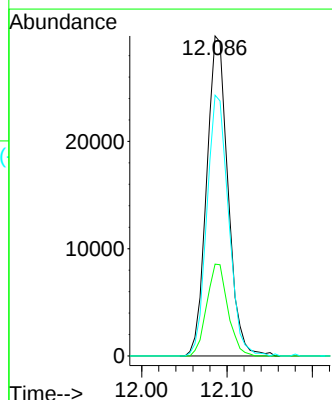
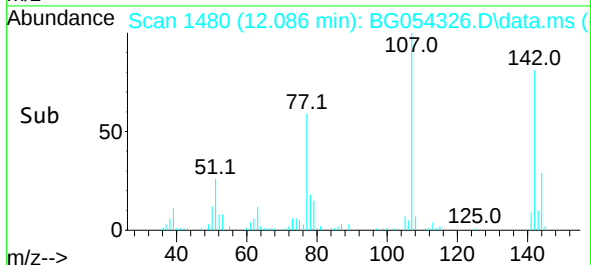
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#36
4-Chloro-3-methylphenol
Concen: 41.963 ng
RT: 12.086 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:107 Resp: 51981
Ion Ratio Lower Upper
107 100
144 28.7 18.5 27.7#
142 81.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 39.324 ng

RT: 12.456 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

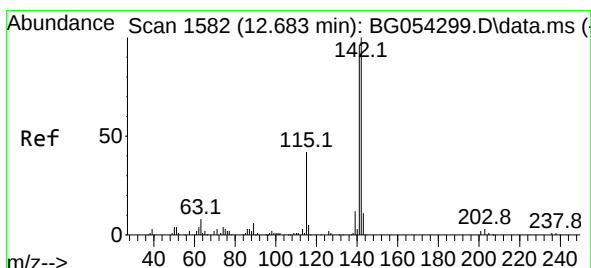
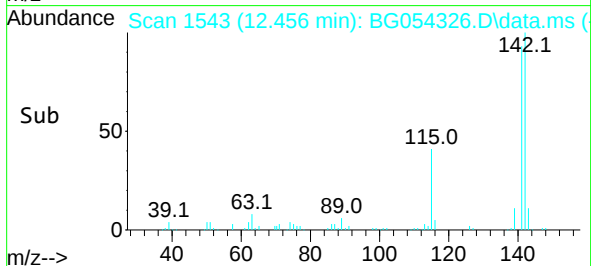
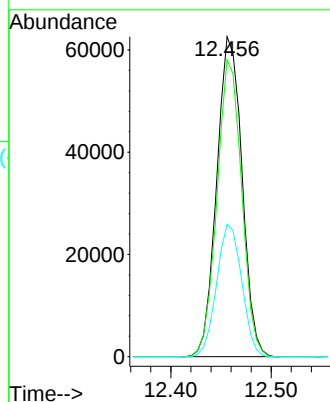
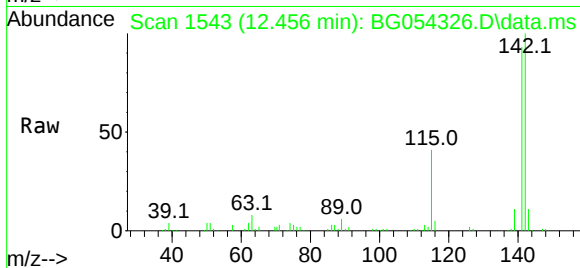
PB146329BS

Tgt Ion:142 Resp: 10943
 Ion Ratio Lower Upper
 142 100
 141 92.8 72.3 108.5
 115 41.4 33.7 50.5

Manual Integrations

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 Supervised By :Jagrut Upadhyay 07/21/2022



#38

1-Methylnaphthalene

Concen: 38.204 ng m

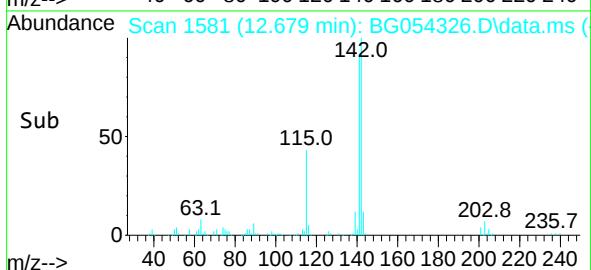
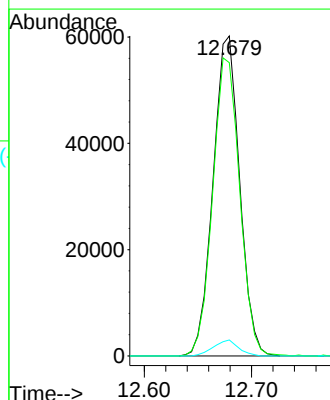
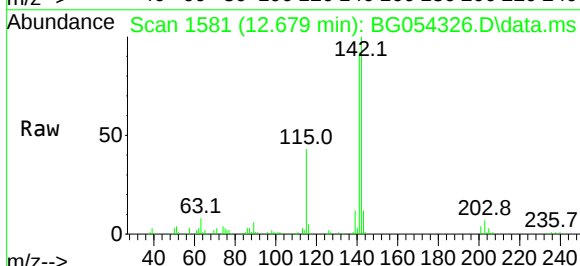
RT: 12.679 min Scan# 1581

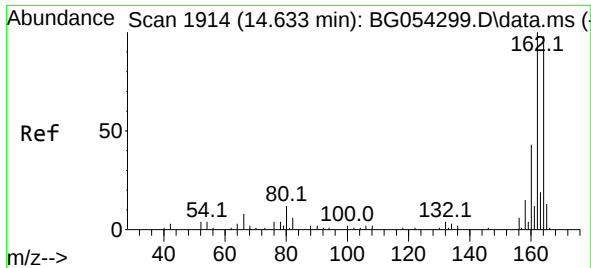
Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Tgt Ion:142 Resp: 103595
 Ion Ratio Lower Upper
 142 100
 141 91.6 76.4 114.6
 116 5.0 3.3 4.9#





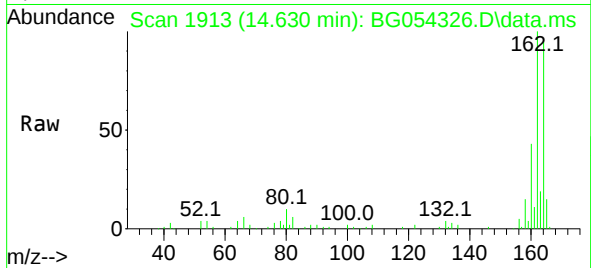
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.630 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

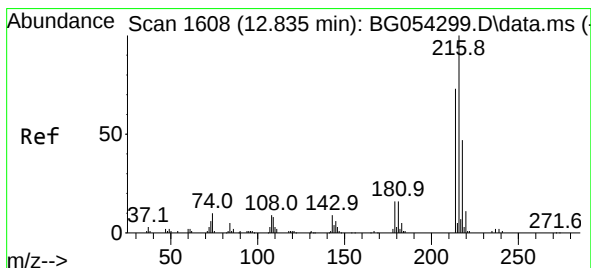
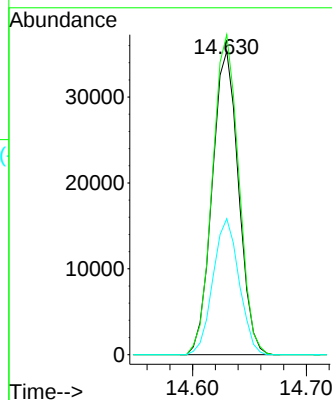
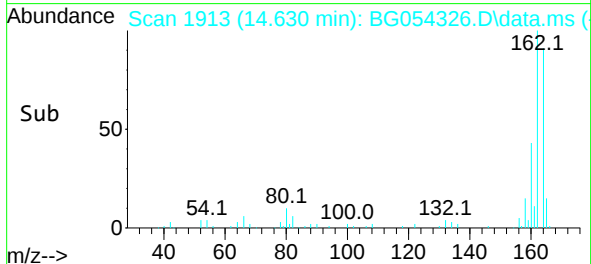


Tgt Ion:164 Resp: 57019
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 44.8 34.2 51.2

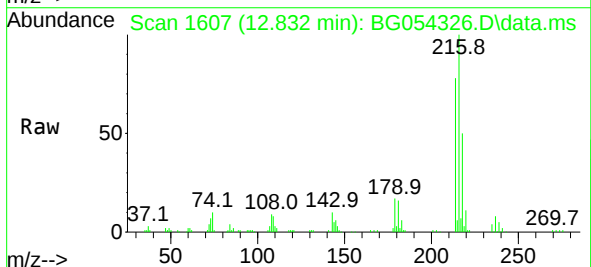
Manual Integrations

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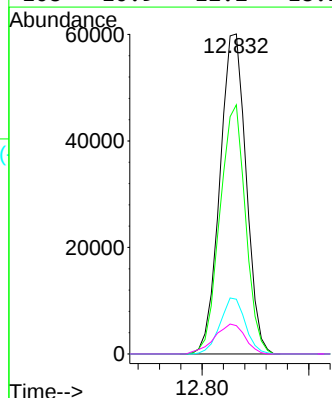
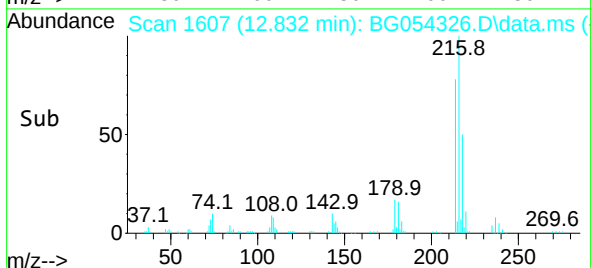
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

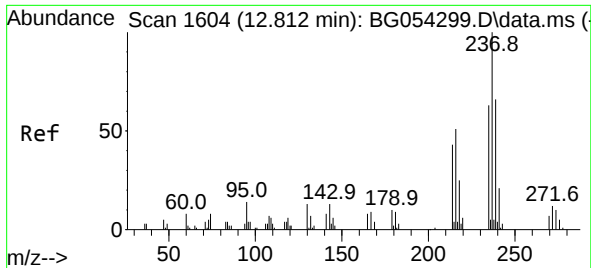


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.075 ng
RT: 12.832 min Scan# 1607
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



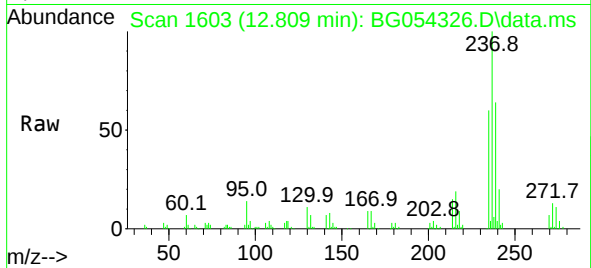
Tgt Ion:216 Resp: 102609
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 16.8 16.1 24.1
108 10.9 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 108.536 ng
RT: 12.809 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

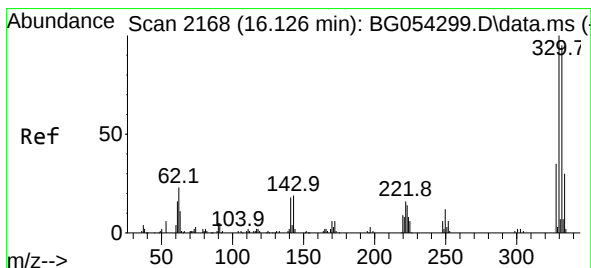
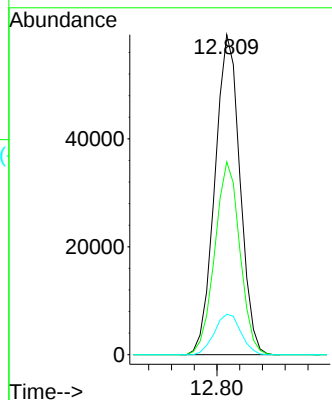
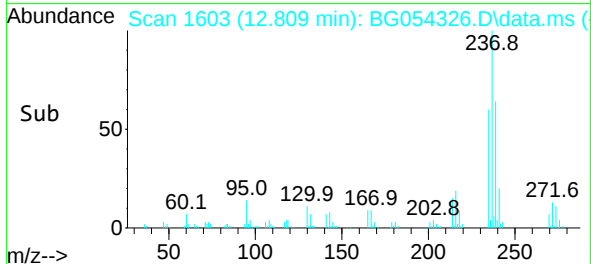
Instrument :
BNA_G
ClientSampleId :
PB146329BS



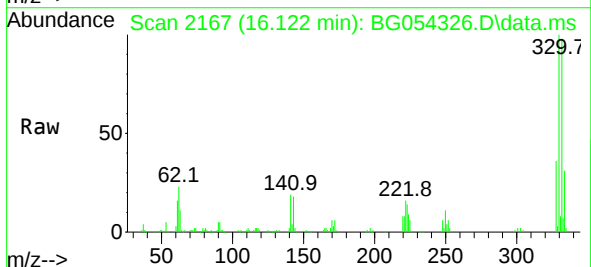
Tgt Ion:237 Resp: 90800
Ion Ratio Lower Upper
237 100
235 60.2 43.5 83.5
272 12.6 0.0 30.1

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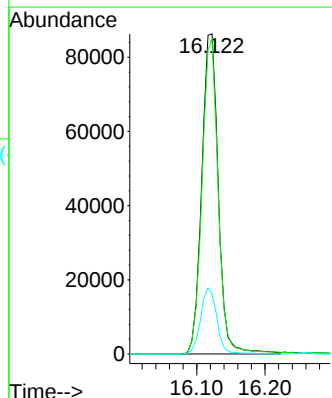
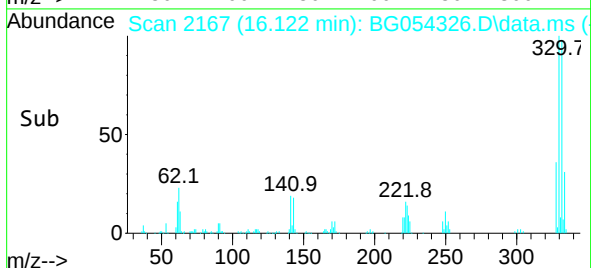
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

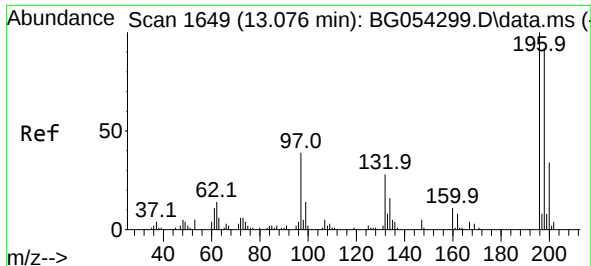


#42
2,4,6-Tribromophenol
Concen: 121.626 ng
RT: 16.122 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:330 Resp: 145609
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 20.2 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 40.922 ng
RT: 13.067 min Scan# 1647
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

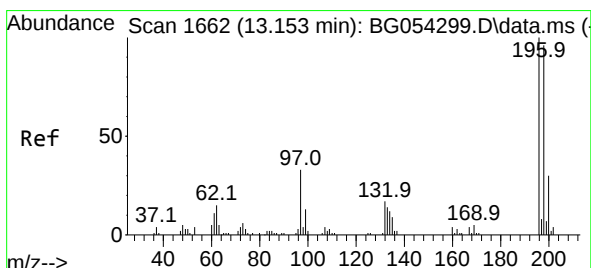
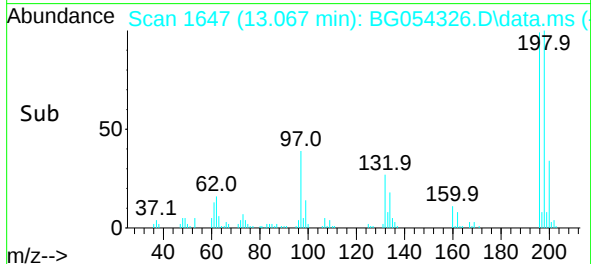
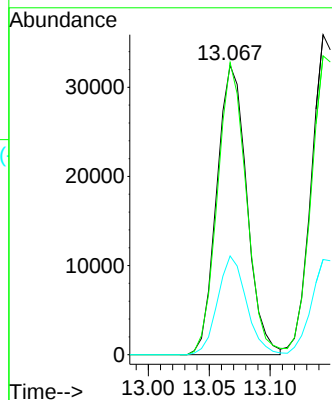
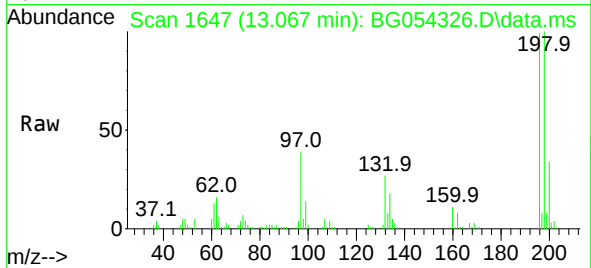
ClientSampleId :

PB146329BS

Tgt Ion:196 Resp: 5566
Ion Ratio Lower Upper
196 100
198 100.9 74.1 111.1
200 34.1 24.7 37.1

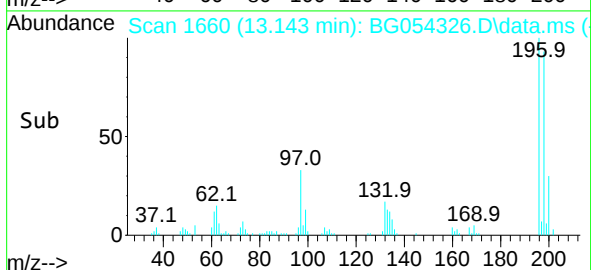
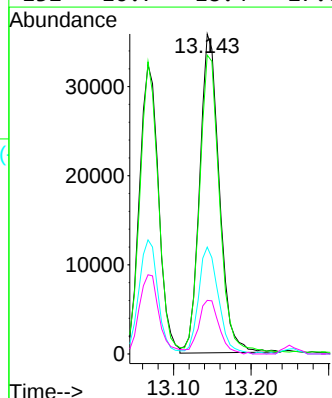
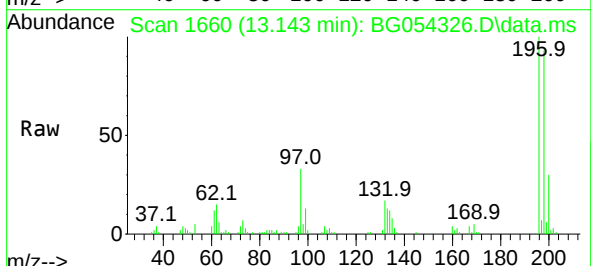
Manual Integrations
APPROVED

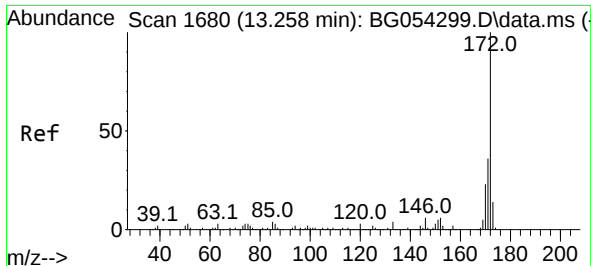
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#44
2,4,5-Trichlorophenol
Concen: 40.931 ng
RT: 13.143 min Scan# 1660
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

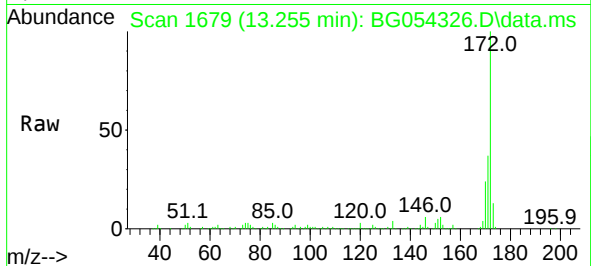
Tgt Ion:196 Resp: 62905
Ion Ratio Lower Upper
196 100
198 93.4 76.8 115.2
97 33.4 39.8 59.6#
132 16.7 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 77.745 ng
RT: 13.255 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

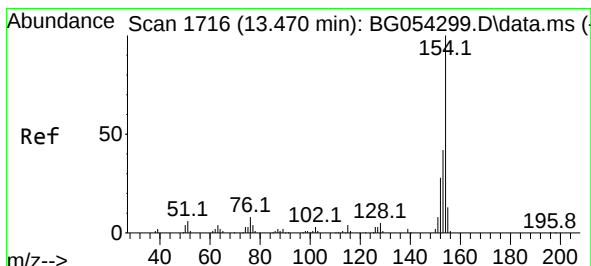
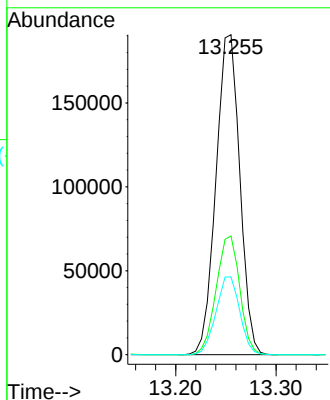
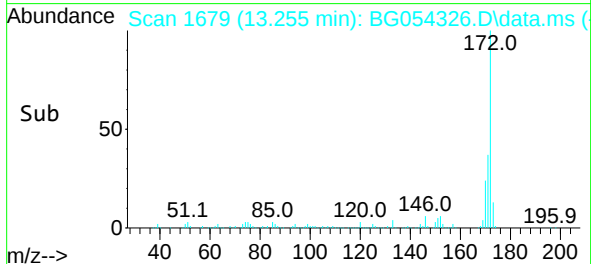
Instrument :
BNA_G
ClientSampleId :
PB146329BS



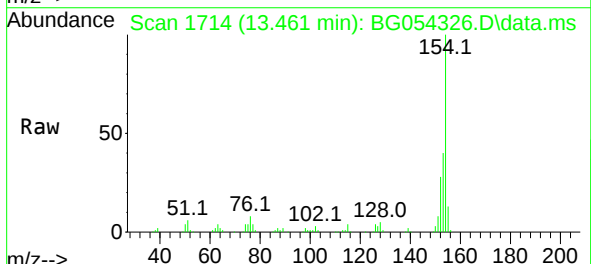
Tgt Ion:172 Resp: 314240
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.3 18.9 28.3

Manual Integrations
APPROVED

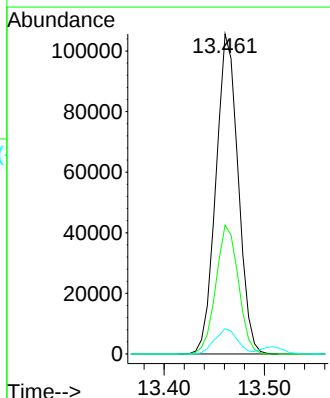
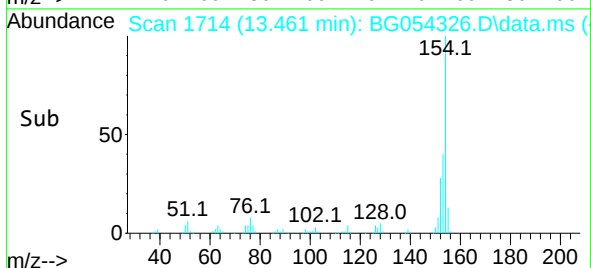
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#46
1,1'-Biphenyl
Concen: 41.567 ng
RT: 13.461 min Scan# 1714
Delta R.T. -0.009 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



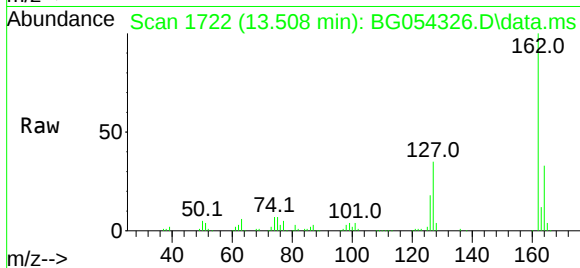
Tgt Ion:154 Resp: 162146
Ion Ratio Lower Upper
154 100
153 40.2 21.6 61.6
76 7.9 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.662 ng
RT: 13.508 min Scan# 1722
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

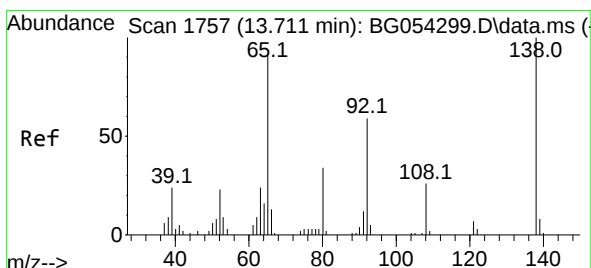
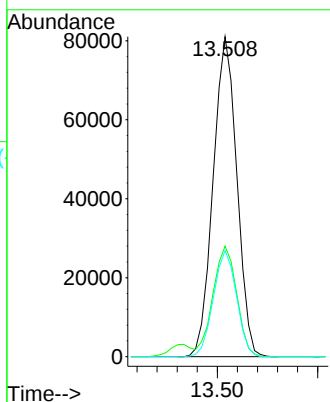
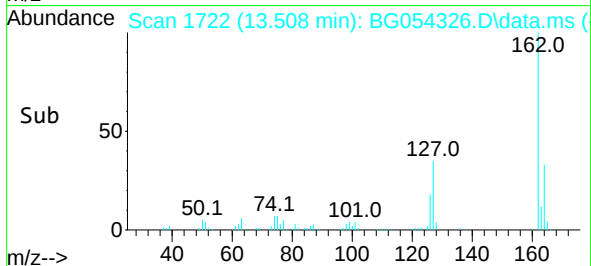
Instrument :
BNA_G
ClientSampleId :
PB146329BS



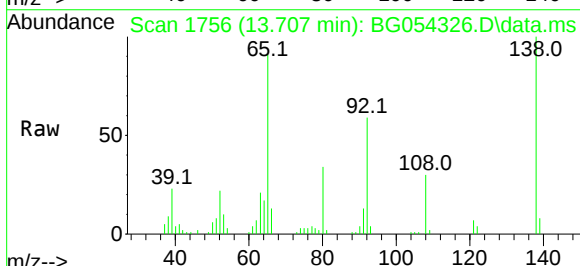
Tgt Ion:162 Resp: 132744
Ion Ratio Lower Upper
162 100
127 34.6 30.6 45.8
164 33.1 26.5 39.7

Manual Integrations
APPROVED

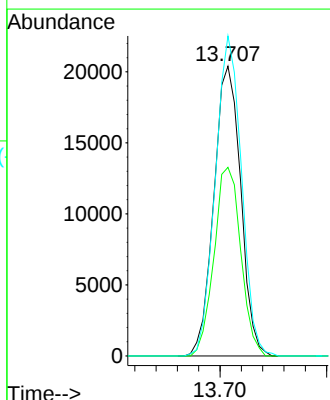
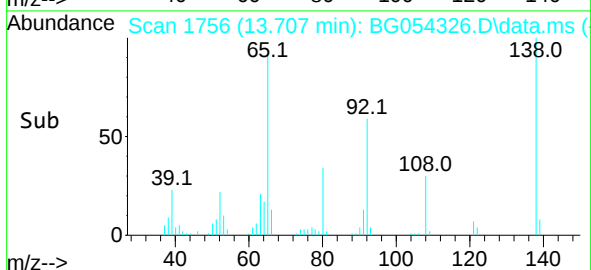
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

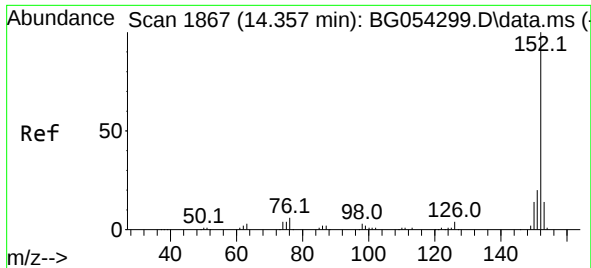


#48
2-Nitroaniline
Concen: 41.864 ng
RT: 13.707 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



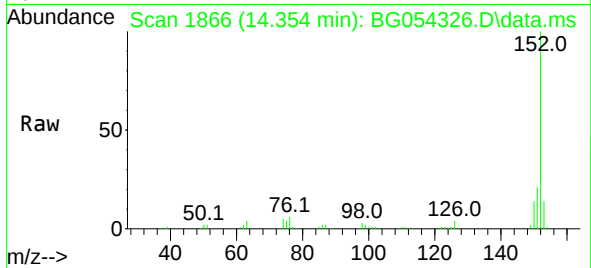
Tgt Ion: 65 Resp: 35667
Ion Ratio Lower Upper
65 100
92 65.1 51.5 77.3
138 110.4 71.3 106.9#





#49
Acenaphthylene
Concen: 40.939 ng
RT: 14.354 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

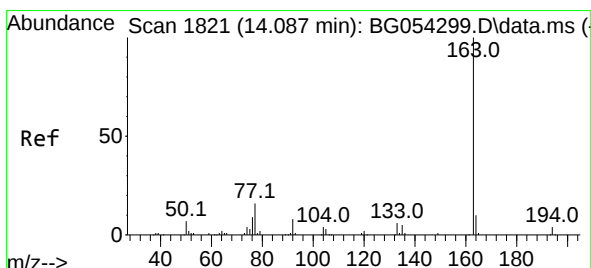
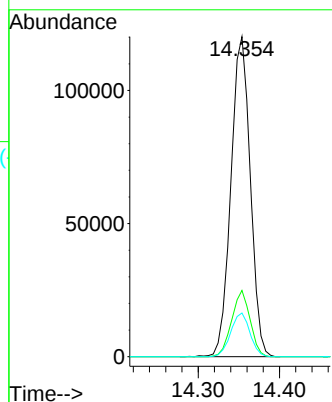
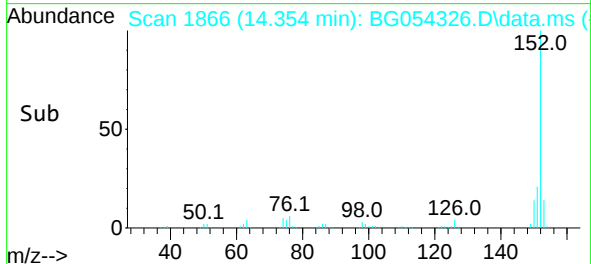
Instrument :
BNA_G
ClientSampleId :
PB146329BS



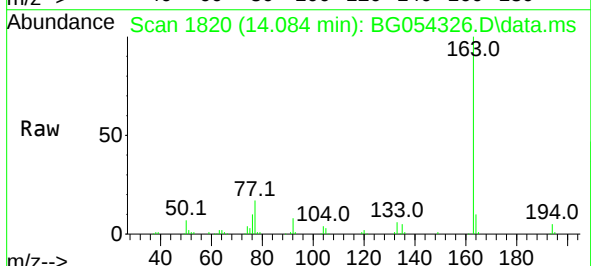
Tgt Ion:152 Resp: 19858
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.6 10.8 16.2

Manual Integrations
APPROVED

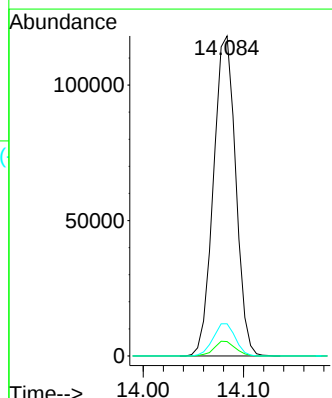
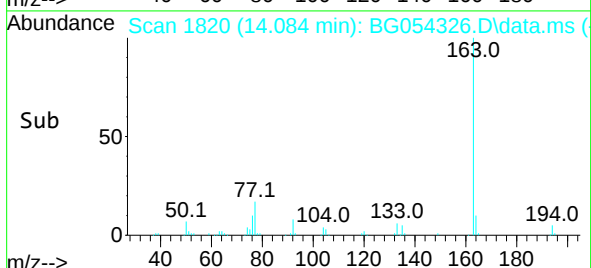
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

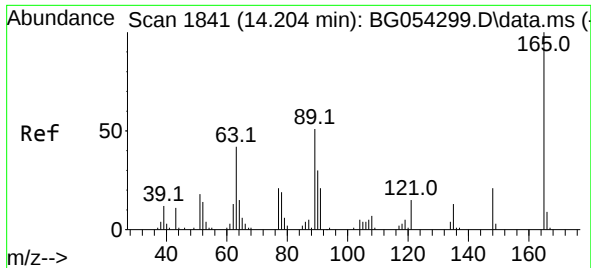


#50
Dimethylphthalate
Concen: 40.886 ng
RT: 14.084 min Scan# 1820
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:163 Resp: 182097
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.1 8.0 12.0





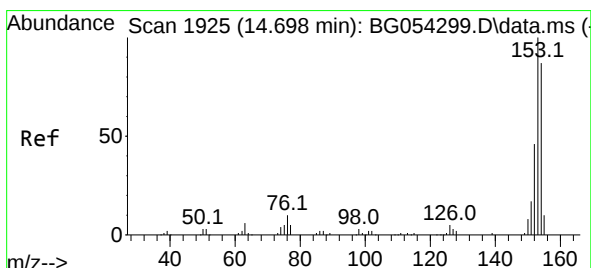
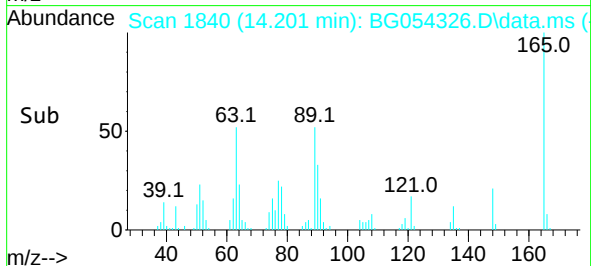
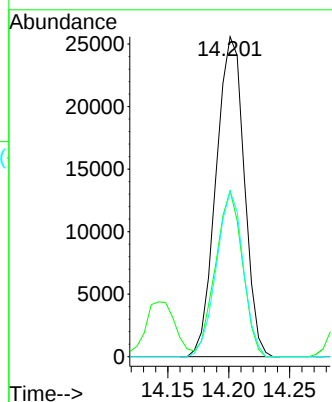
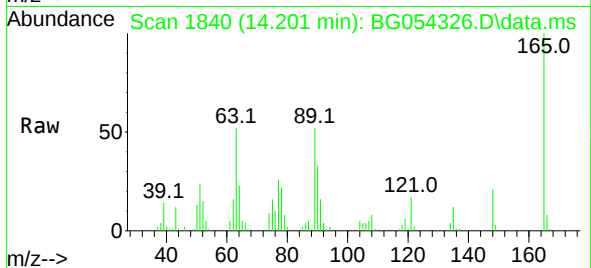
#51
2,6-Dinitrotoluene
Concen: 42.067 ng
RT: 14.201 min Scan# 1841
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :
BNA_G
ClientSampleId :
PB146329BS

Tgt Ion:165 Resp: 41094
Ion Ratio Lower Upper
165 100
63 51.9 54.1 81.1
89 51.7 54.8 82.2

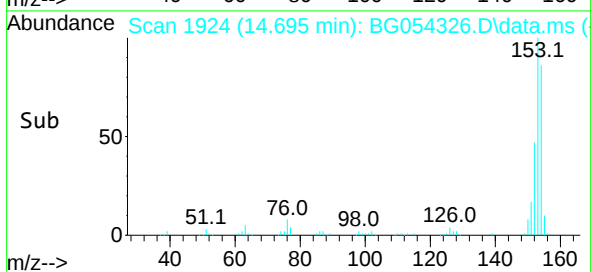
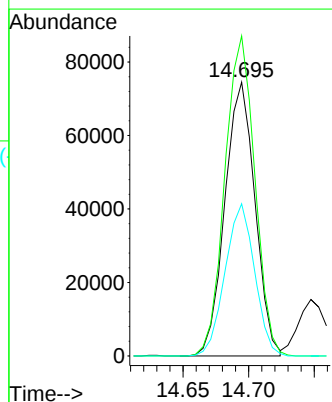
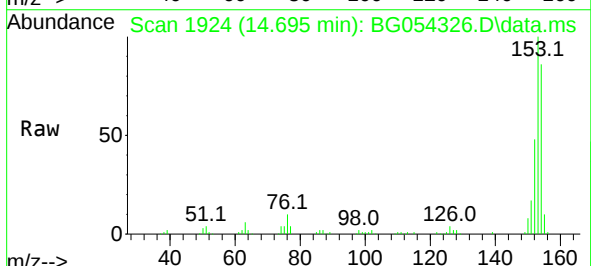
Manual Integrations
APPROVED

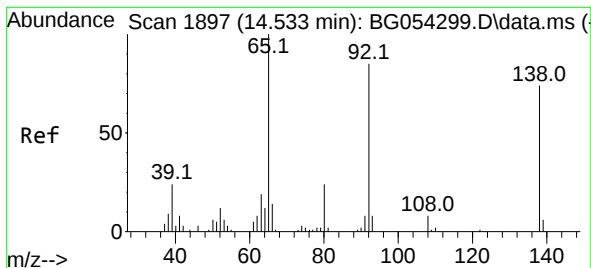
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#52
Acenaphthene
Concen: 40.506 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:154 Resp: 118982
Ion Ratio Lower Upper
154 100
153 116.9 92.7 139.1
152 55.6 42.6 64.0





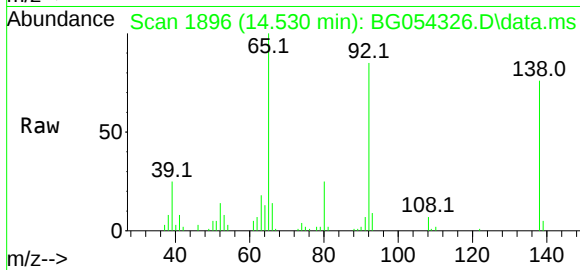
#53
3-Nitroaniline
Concen: 33.630 ng
RT: 14.530 min Scan# 1896
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

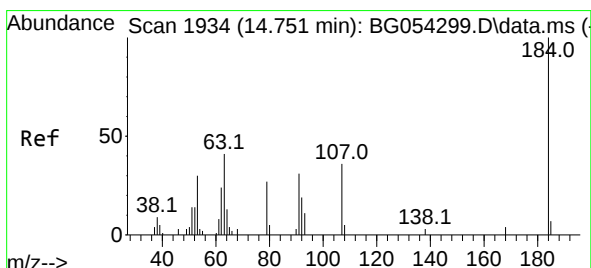
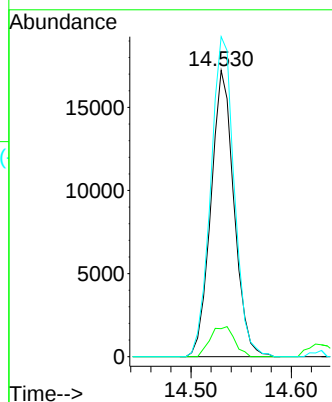
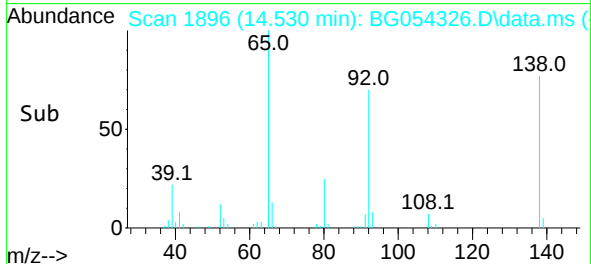


Tgt Ion:138 Resp: 27470
Ion Ratio Lower Upper
138 100
108 9.8 9.2 13.8
92 111.8 101.9 152.9

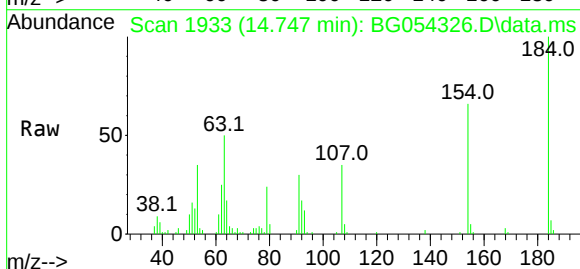
Manual Integrations

APPROVED

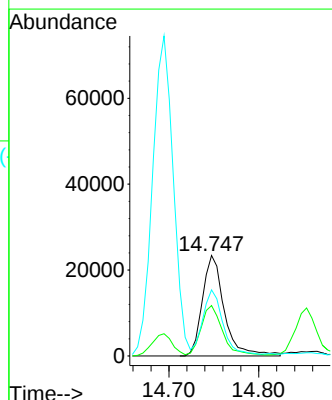
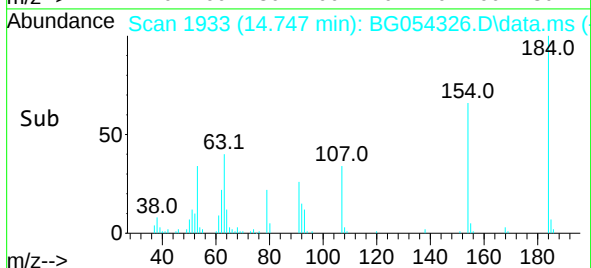
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

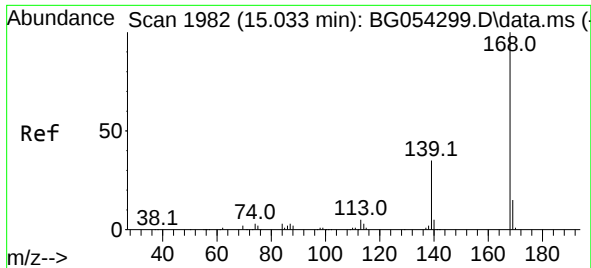


#54
2,4-Dinitrophenol
Concen: 70.824 ng
RT: 14.747 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



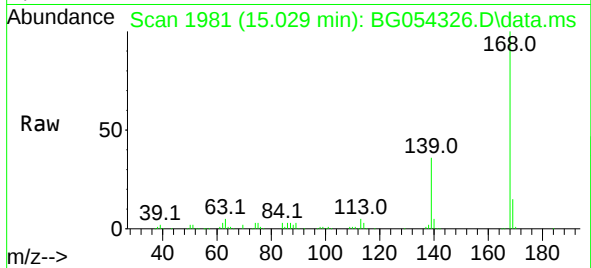
Tgt Ion:184 Resp: 39690
Ion Ratio Lower Upper
184 100
63 50.2 61.1 91.7#
154 65.7 60.6 91.0





#55
Dibenzofuran
Concen: 40.503 ng
RT: 15.029 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

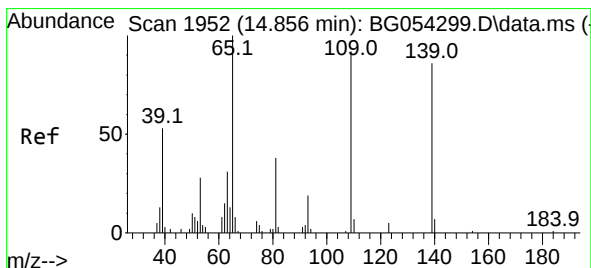
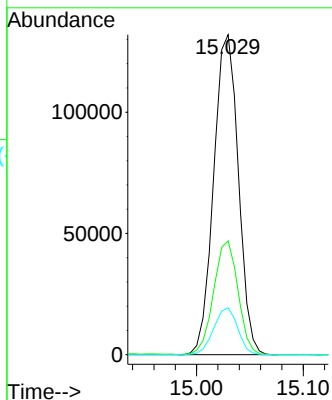
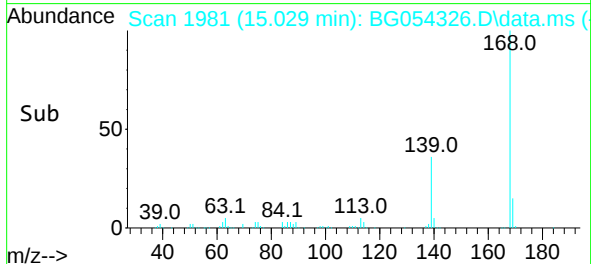
Instrument :
BNA_G
ClientSampleId :
PB146329BS



Tgt Ion:168 Resp: 211690
Ion Ratio Lower Upper
168 100
139 35.6 30.5 45.7
169 14.7 10.3 15.5

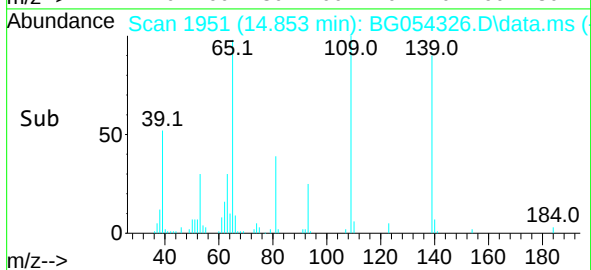
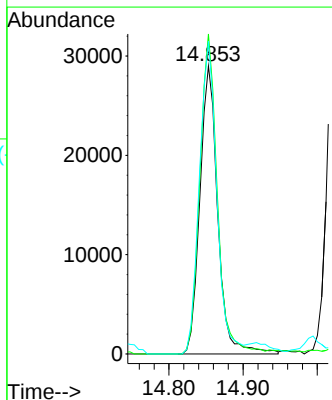
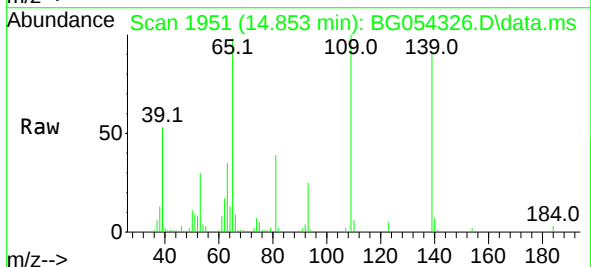
Manual Integrations
APPROVED

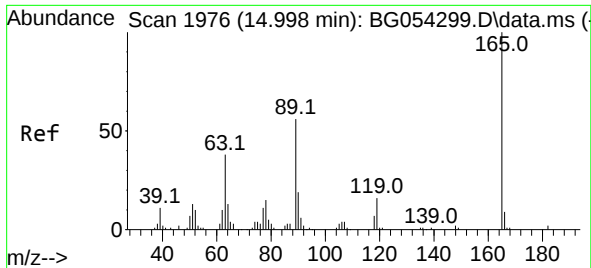
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#56
4-Nitrophenol
Concen: 88.949 ng
RT: 14.853 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Tgt Ion:139 Resp: 48485
Ion Ratio Lower Upper
139 100
109 111.1 88.5 128.5
65 108.5 93.9 133.9





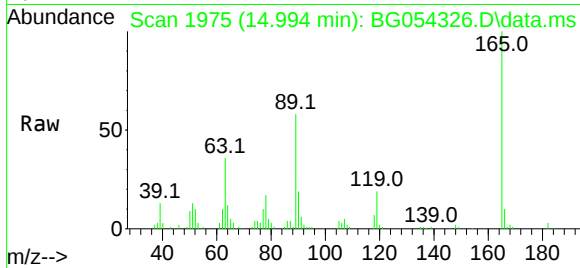
#57
2,4-Dinitrotoluene
Concen: 42.827 ng
RT: 14.994 min Scan# 1976
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

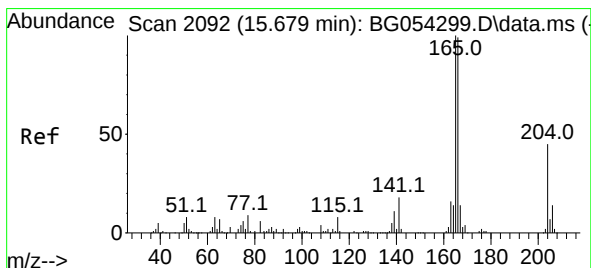
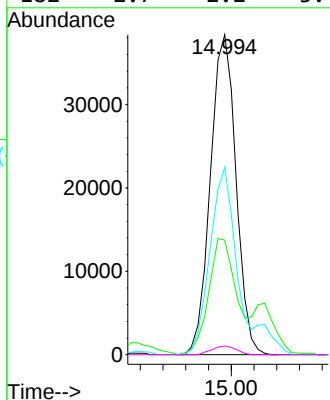
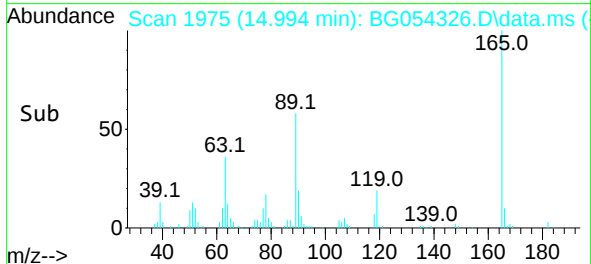


Tgt Ion:165 Resp: 59970
Ion Ratio Lower Upper
165 100
63 35.8 34.6 52.0
89 58.5 60.3 90.5
182 2.7 2.2 3.4

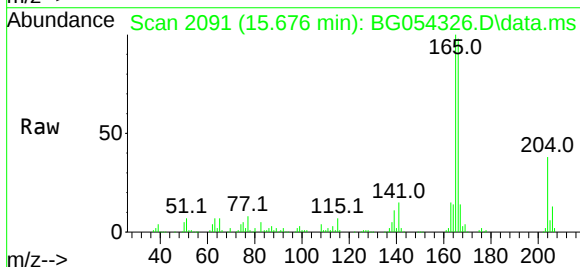
Manual Integrations

APPROVED

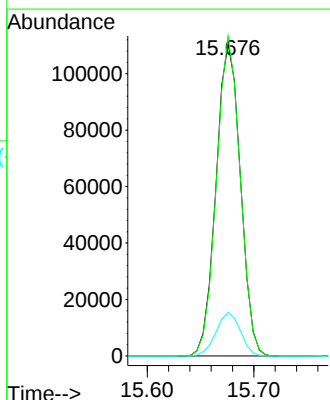
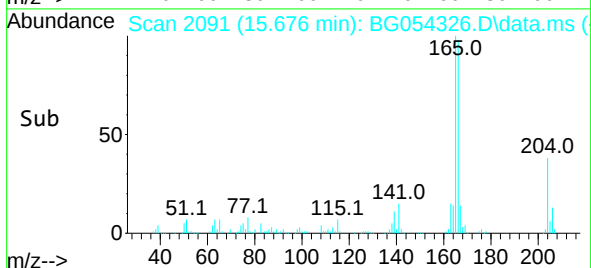
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

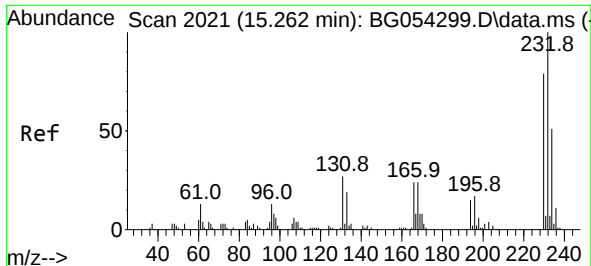


#58
Fluorene
Concen: 40.811 ng
RT: 15.676 min Scan# 2091
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:166 Resp: 175370
Ion Ratio Lower Upper
166 100
165 102.5 75.0 112.6
167 14.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.897 ng
RT: 15.259 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

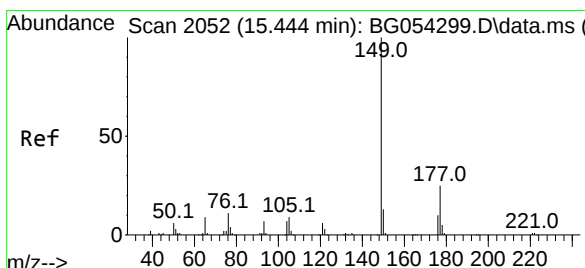
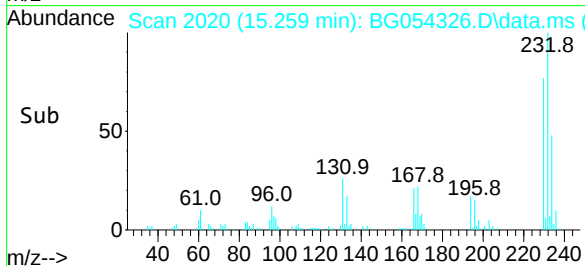
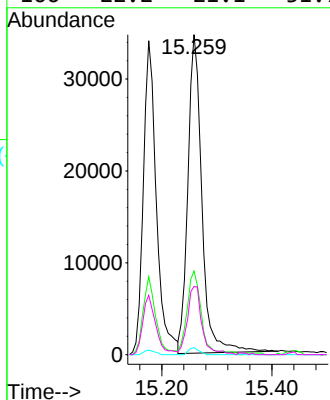
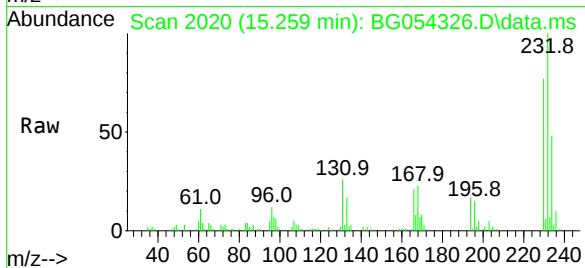
PB146329BS

Tgt Ion:232 Resp: 6119
Ion Ratio Lower Upper
232 100
131 27.0 30.6 46.0
130 1.6 1.8 2.8
166 22.2 21.1 31.7

Manual Integrations

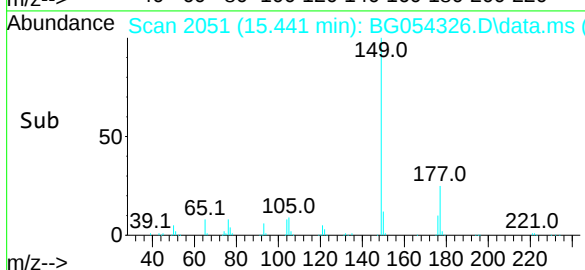
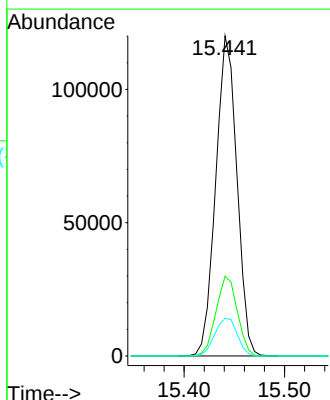
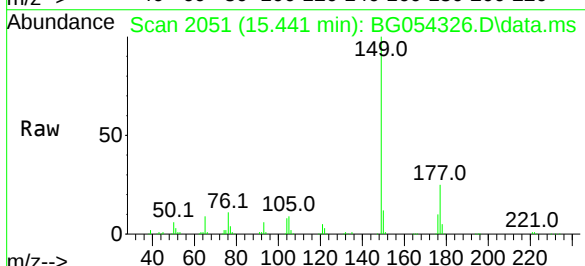
APPROVED

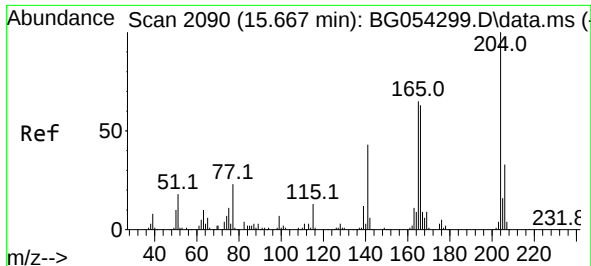
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#60
Diethylphthalate
Concen: 41.087 ng
RT: 15.441 min Scan# 2051
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

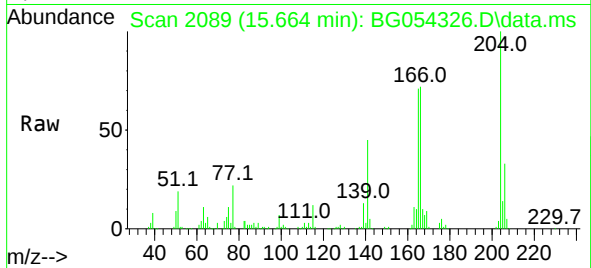
Tgt Ion:149 Resp: 175546
Ion Ratio Lower Upper
149 100
177 25.0 18.4 27.6
150 11.8 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 42.363 ng
RT: 15.664 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

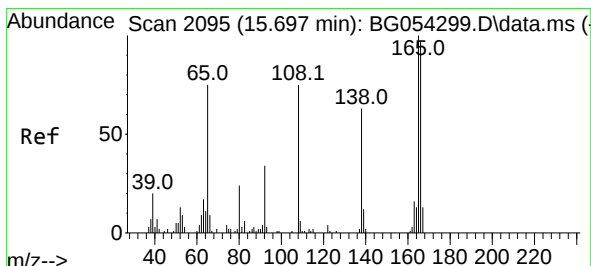
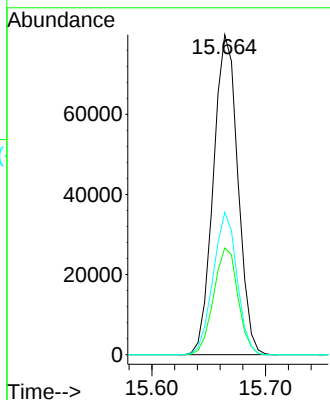
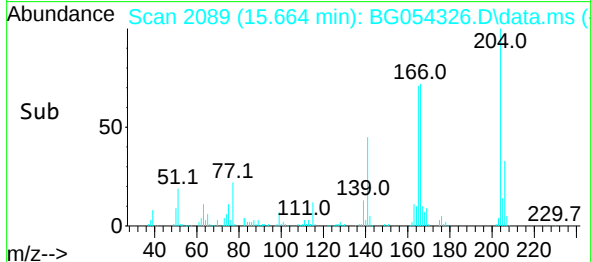
Instrument :
BNA_G
ClientSampleId :
PB146329BS



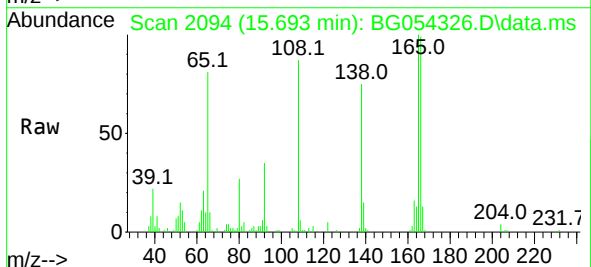
Tgt Ion:204 Resp: 119494
Ion Ratio Lower Upper
204 100
206 33.3 27.5 41.3
141 44.5 45.3 67.9

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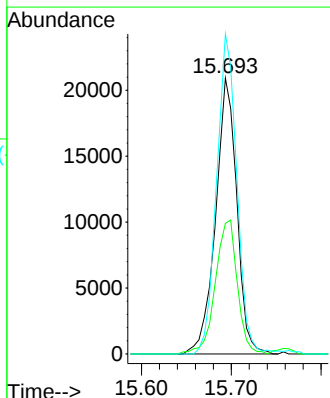
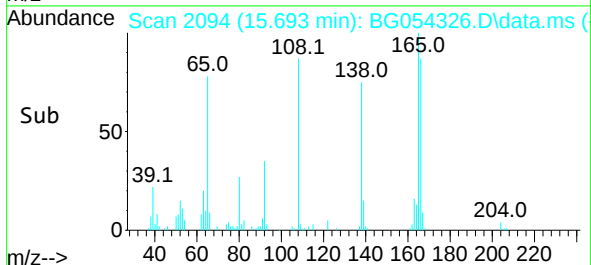
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

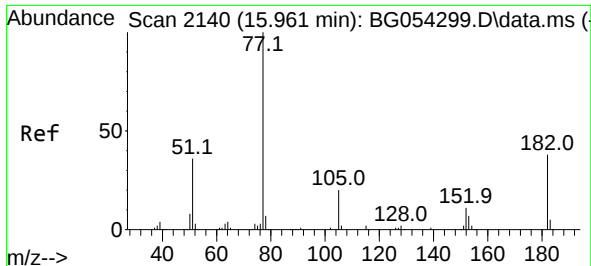


#62
4-Nitroaniline
Concen: 39.943 ng
RT: 15.693 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:138 Resp: 34285
Ion Ratio Lower Upper
138 100
92 47.3 40.5 80.5
108 116.0 103.7 143.7





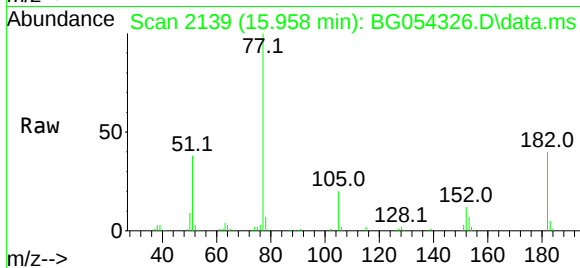
#63
Azobenzene
Concen: 40.256 ng
RT: 15.958 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

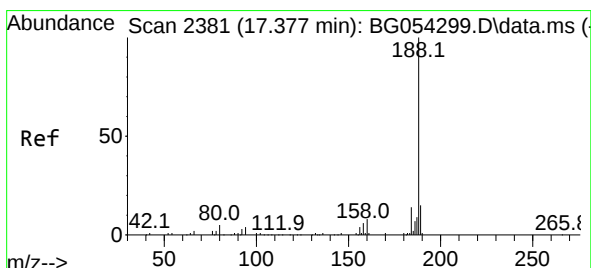
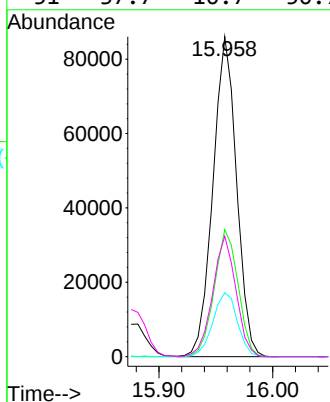
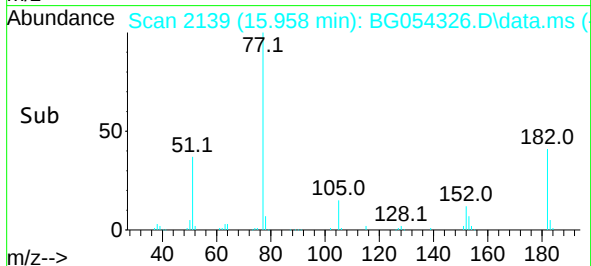


Tgt Ion: 77 Resp: 124275
Ion Ratio Lower Upper
77 100
182 39.7 3.8 43.8
105 20.0 0.0 37.8
51 37.7 10.7 50.7

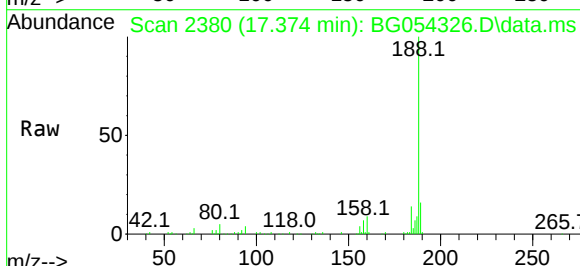
Manual Integrations

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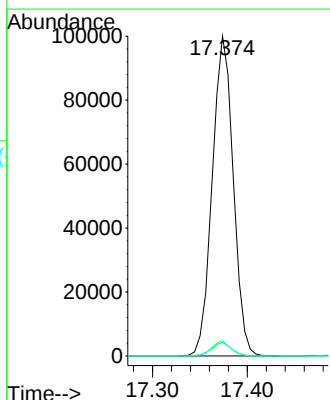
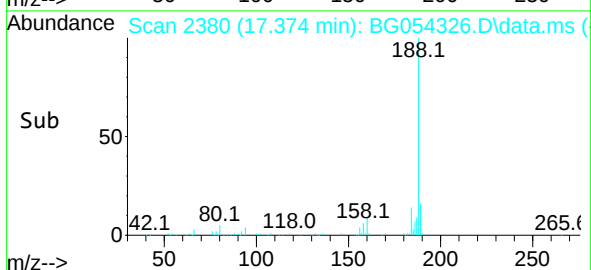
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

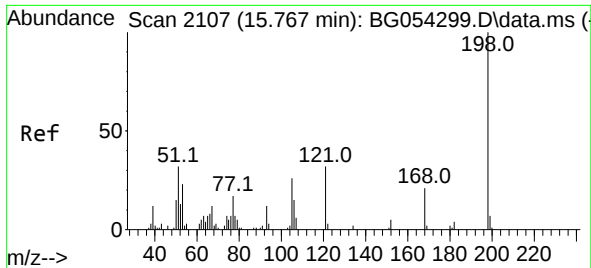


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:188 Resp: 153886
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#





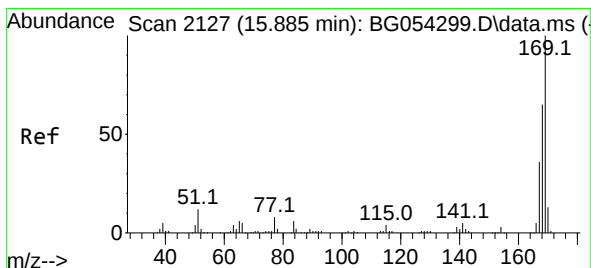
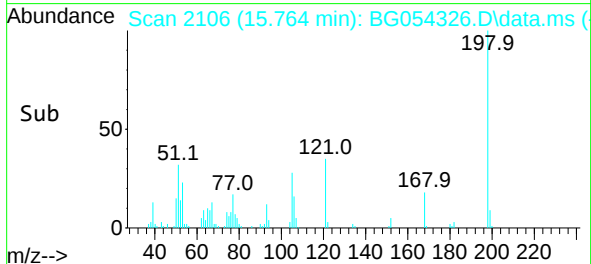
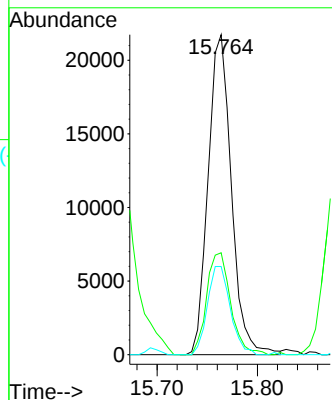
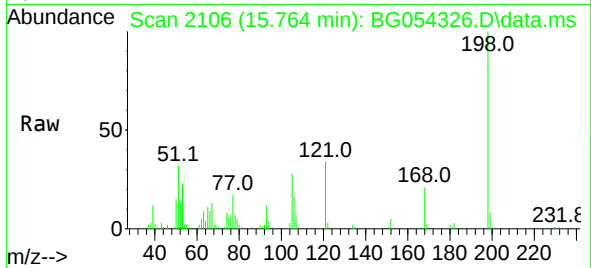
#65
4,6-Dinitro-2-methylphenol
Concen: 36.904 ng
RT: 15.764 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :
BNA_G
ClientSampleId :
PB146329BS

Tgt Ion:198 Resp: 3508
Ion Ratio Lower Upper
198 100
51 31.8 28.1 68.1
105 27.5 20.3 60.3

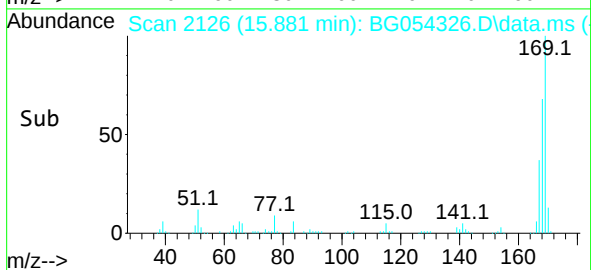
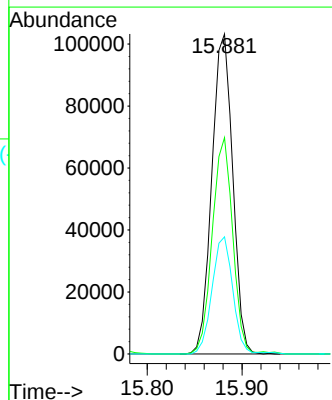
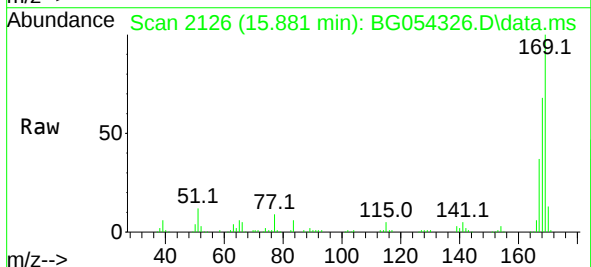
Manual Integrations
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Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#66
n-Nitrosodiphenylamine
Concen: 41.151 ng
RT: 15.881 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

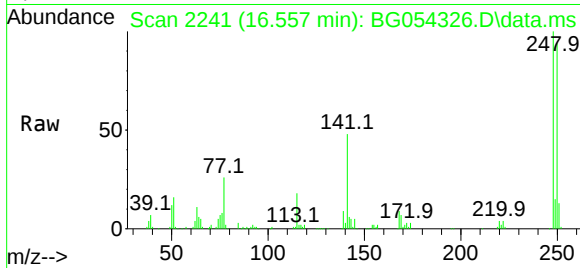
Tgt Ion:169 Resp: 158105
Ion Ratio Lower Upper
169 100
168 67.6 55.9 83.9
167 36.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 42.018 ng
RT: 16.557 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

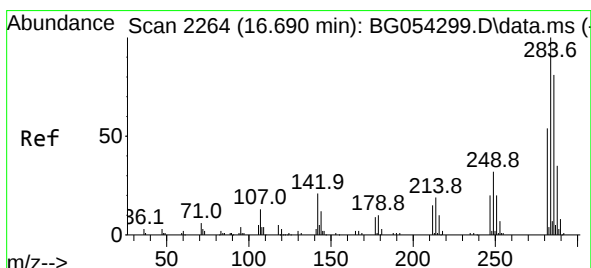
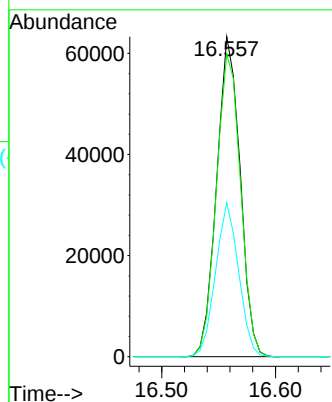
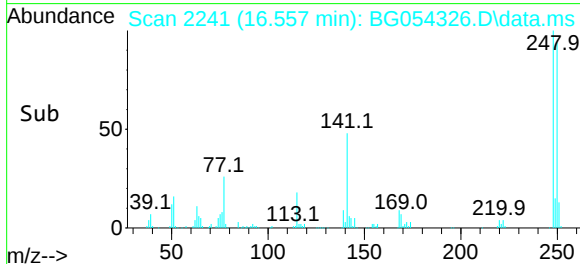
Instrument :
BNA_G
ClientSampleId :
PB146329BS



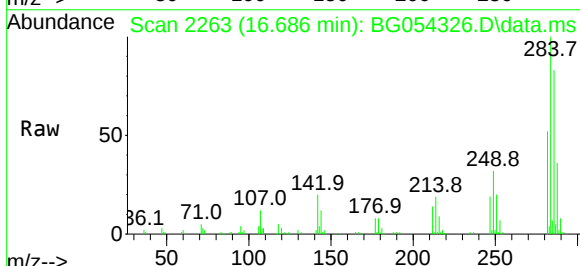
Tgt Ion:248 Resp: 90812
Ion Ratio Lower Upper
248 100
250 94.4 75.2 112.8
141 48.1 50.0 75.0

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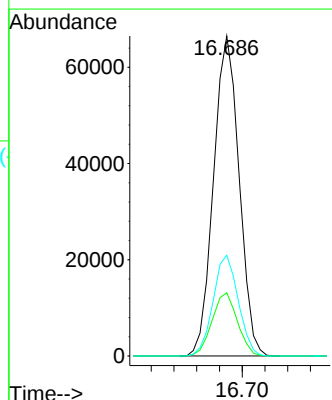
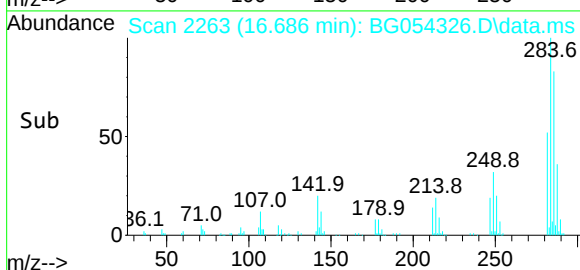
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

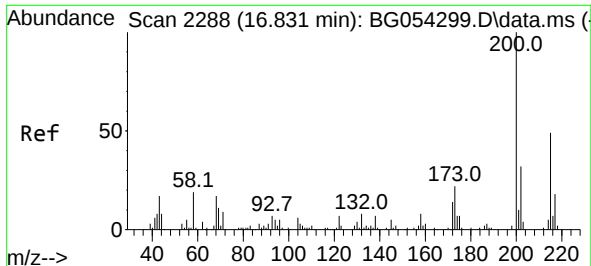


#68
Hexachlorobenzene
Concen: 41.950 ng
RT: 16.686 min Scan# 2263
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:284 Resp: 103681
Ion Ratio Lower Upper
284 100
142 19.7 23.6 35.4#
249 31.5 25.8 38.6





#69
 Atrazine
 Concen: 48.884 ng
 RT: 16.827 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

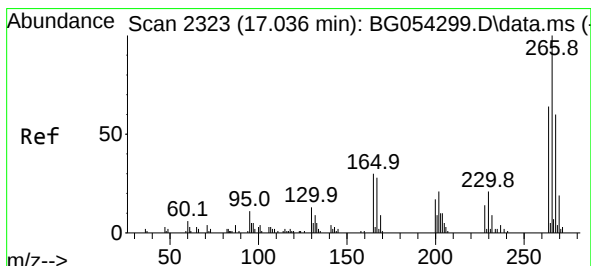
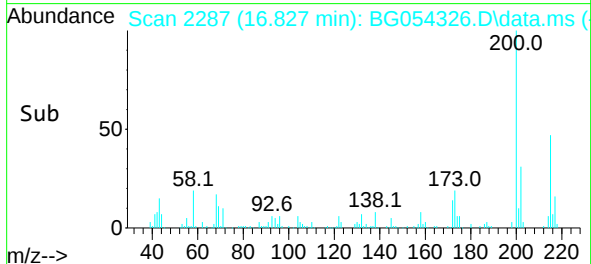
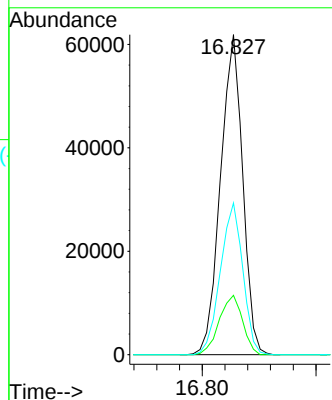
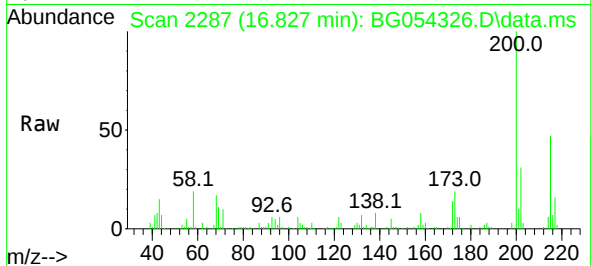
PB146329BS

Tgt Ion:200 Resp: 83570
 Ion Ratio Lower Upper
 200 100
 173 18.5 3.7 43.7
 215 47.4 25.2 65.2

Manual Integrations

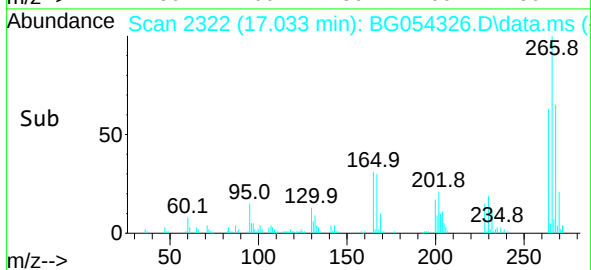
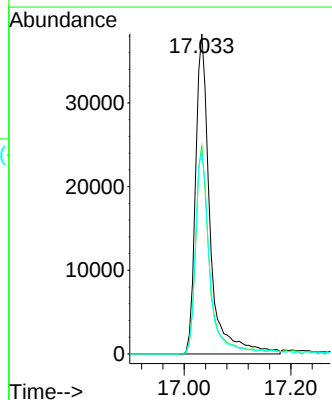
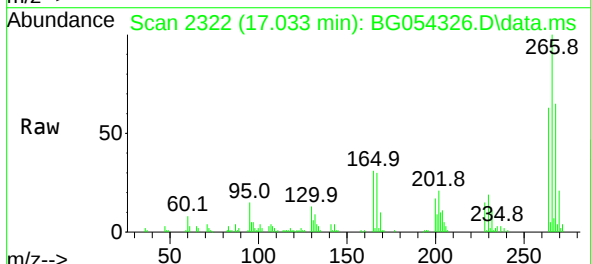
APPROVED

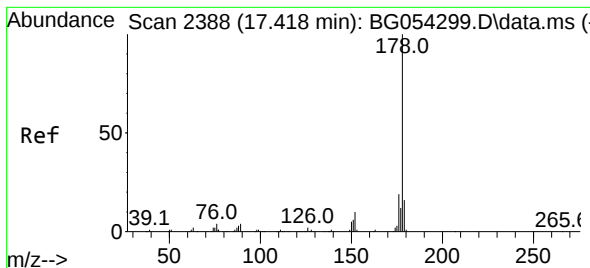
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022



#70
 Pentachlorophenol
 Concen: 67.468 ng
 RT: 17.033 min Scan# 2322
 Delta R.T. -0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44

Tgt Ion:266 Resp: 71660
 Ion Ratio Lower Upper
 266 100
 268 65.0 56.2 84.2
 264 63.3 53.0 79.4





#71

Phenanthrene

Concen: 40.696 ng

RT: 17.415 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

Tgt Ion:178 Resp: 31187

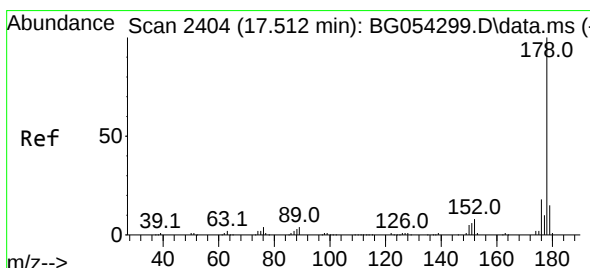
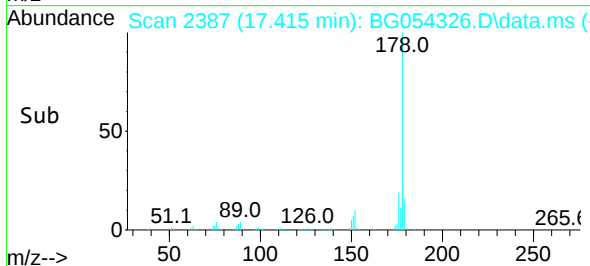
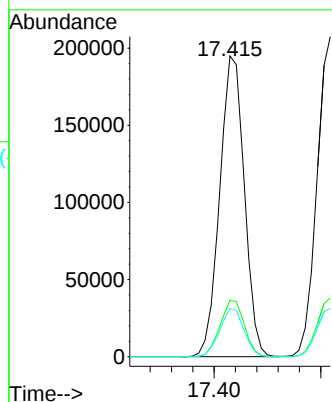
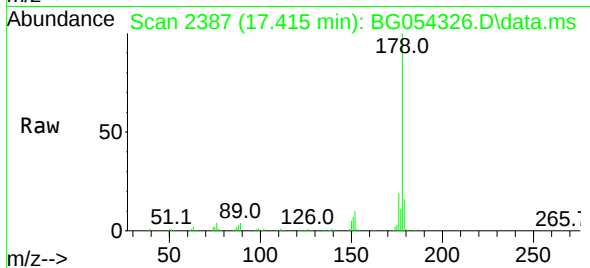
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	16.0	12.1	18.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#72

Anthracene

Concen: 42.128 ng

RT: 17.509 min Scan# 2403

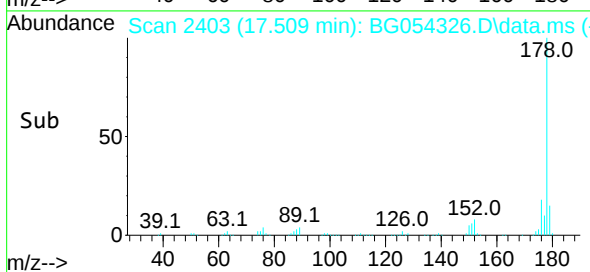
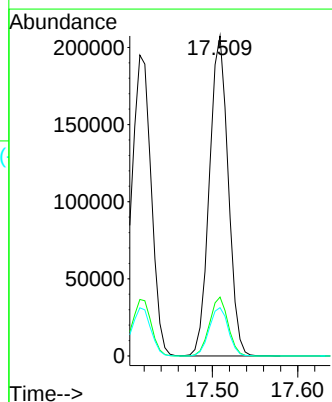
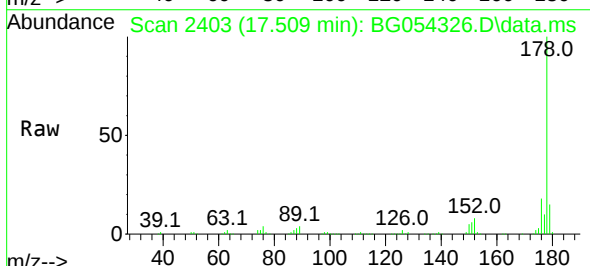
Delta R.T. -0.003 min

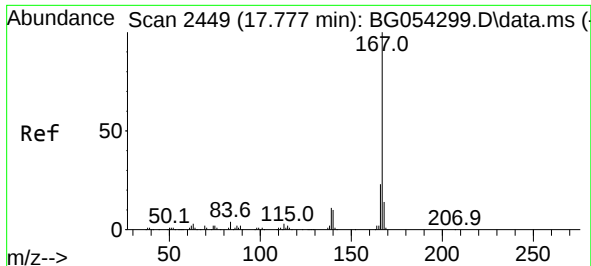
Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Tgt Ion:178 Resp: 316815

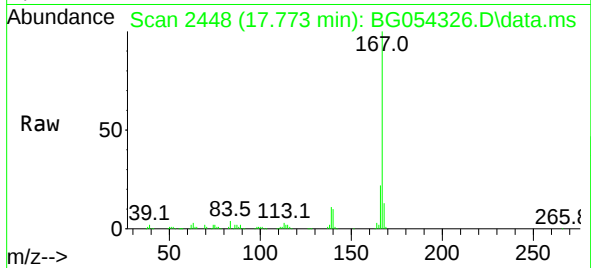
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.1	13.0	19.4





#73
 Carbazole
 Concen: 42.886 ng
 RT: 17.773 min Scan# 2448
 Delta R.T. -0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44

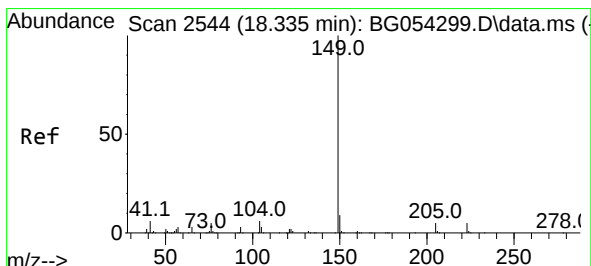
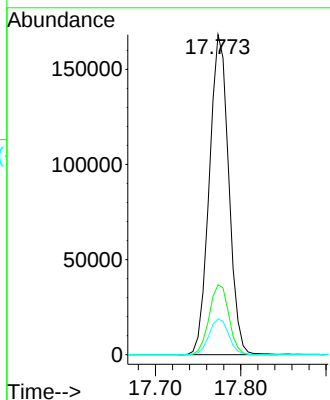
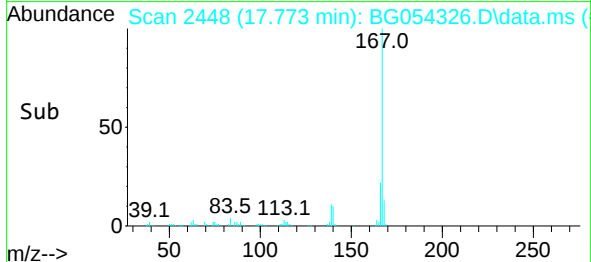
Instrument :
 BNA_G
 ClientSampleId :
 PB146329BS



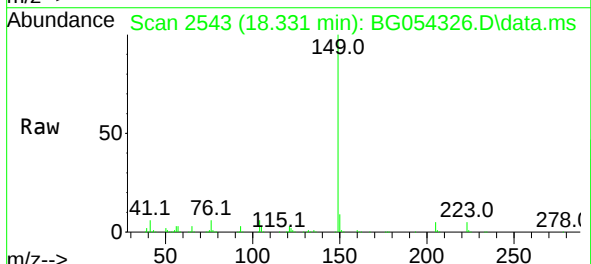
Tgt Ion:167 Resp: 26552
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 11.2 10.1 15.1

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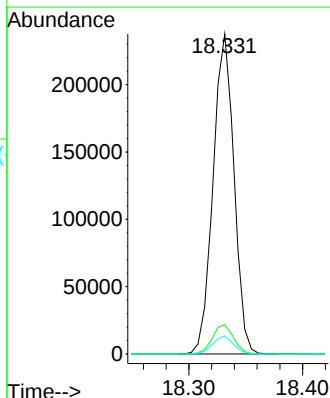
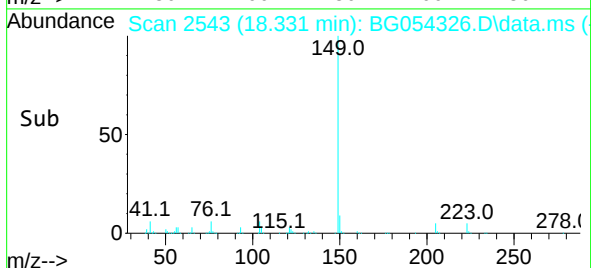
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

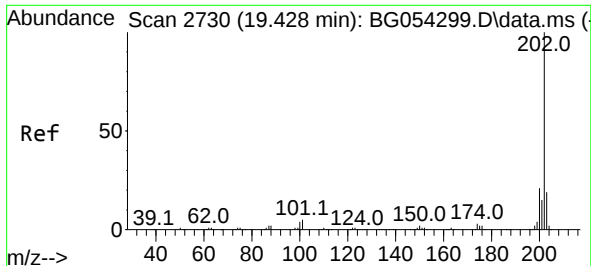


#74
 Di-n-butylphthalate
 Concen: 41.556 ng
 RT: 18.331 min Scan# 2543
 Delta R.T. -0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44



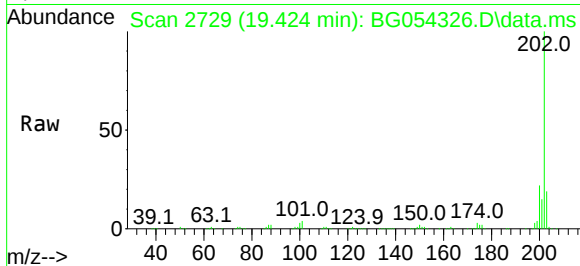
Tgt Ion:149 Resp: 303621
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.6 5.4 8.0





#75
Fluoranthene
Concen: 41.550 ng
RT: 19.424 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

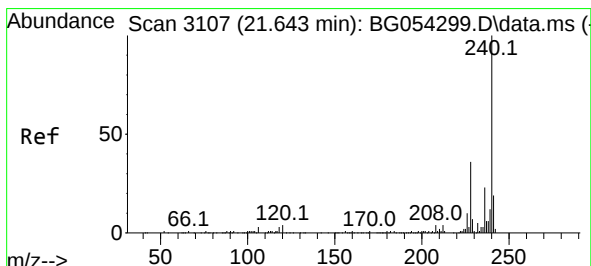
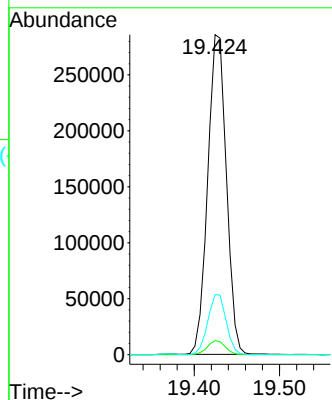
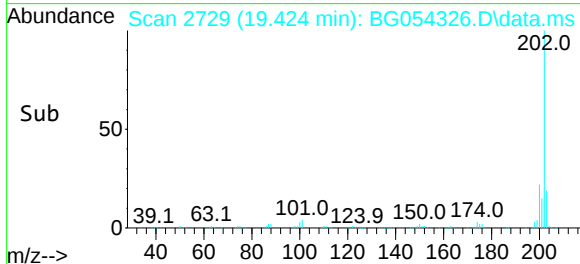
Instrument :
BNA_G
ClientSampleId :
PB146329BS



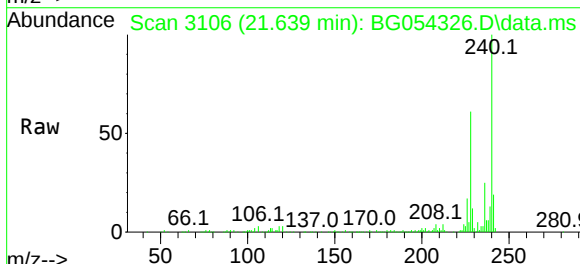
Tgt Ion:202 Resp: 43405
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.9
203 18.8 0.0 37.2

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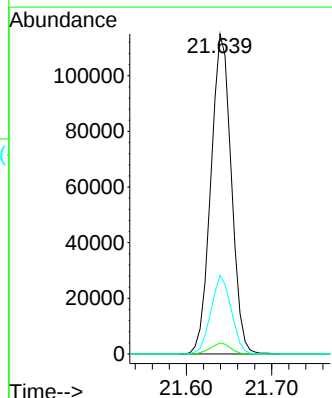
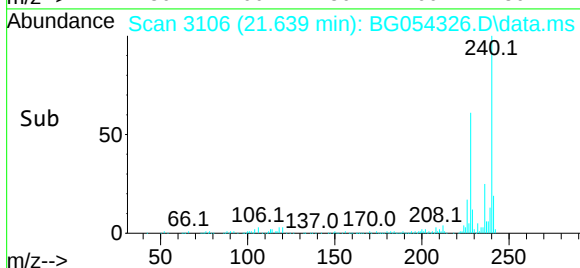
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

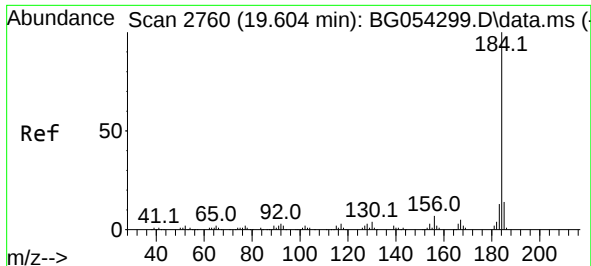


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



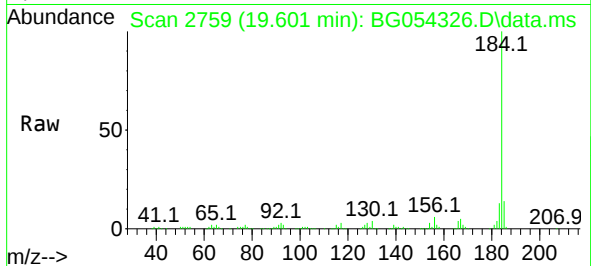
Tgt Ion:240 Resp: 190922
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.6 20.2 30.4





#77
Benzidine
Concen: 63.242 ng
RT: 19.601 min Scan# 218670
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

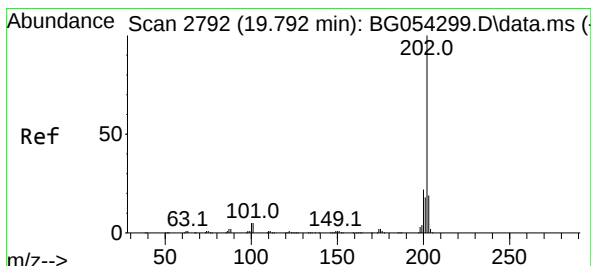
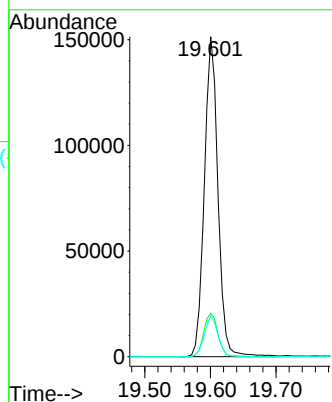
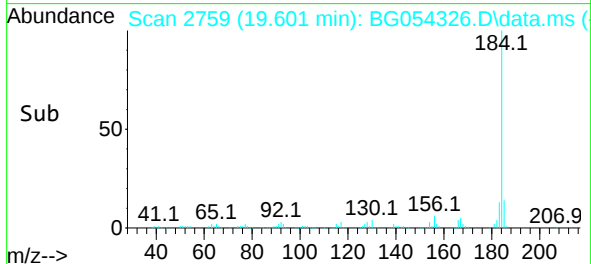
Instrument :
BNA_G
ClientSampleId :
PB146329BS



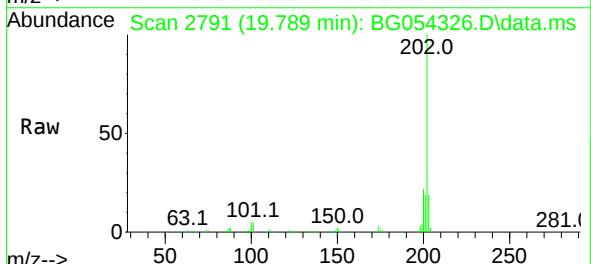
Tgt Ion:184 Resp: 218670
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 12.9 8.9 13.3

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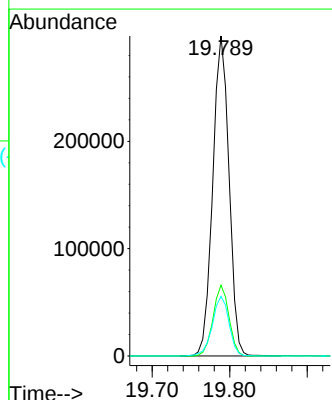
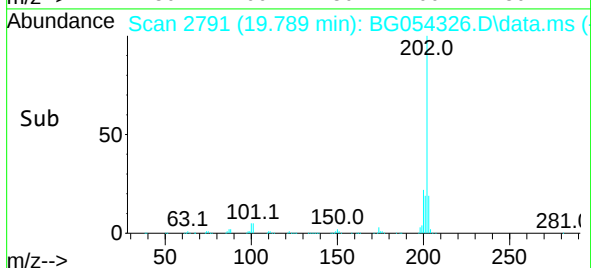
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

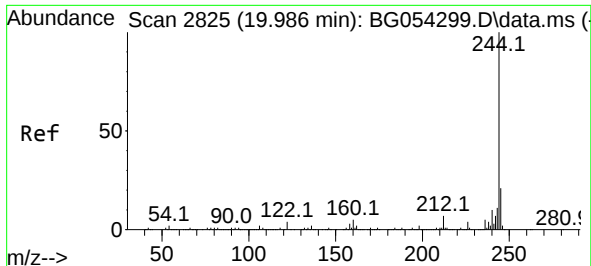


#78
Pyrene
Concen: 39.659 ng
RT: 19.789 min Scan# 2791
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:202 Resp: 434462
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 18.6 14.6 21.8





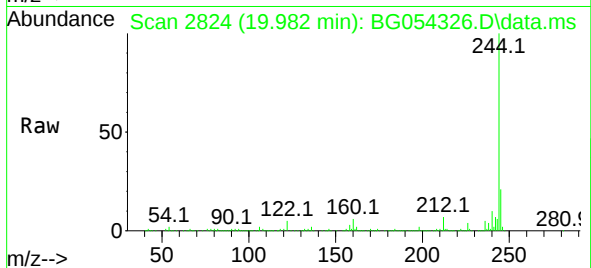
#79
Terphenyl-d14
Concen: 81.143 ng
RT: 19.982 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

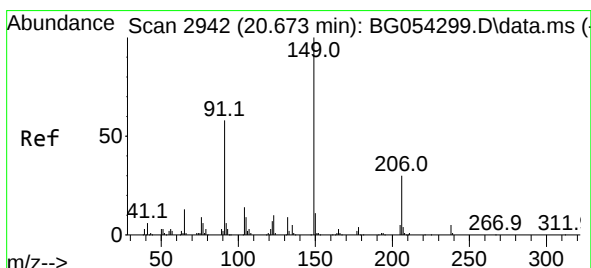
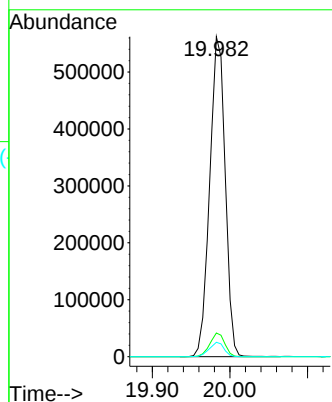
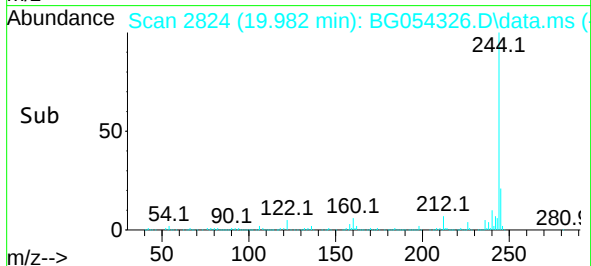


Tgt Ion:244 Resp: 78092
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 4.5 5.0 7.4

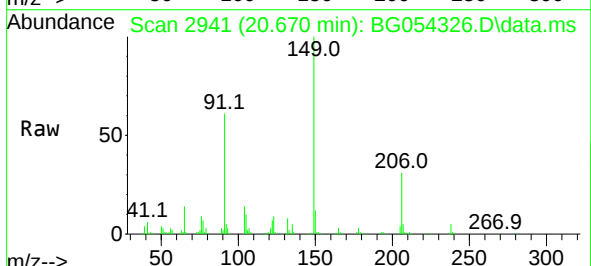
Manual Integrations

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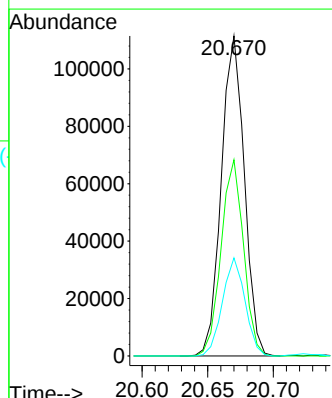
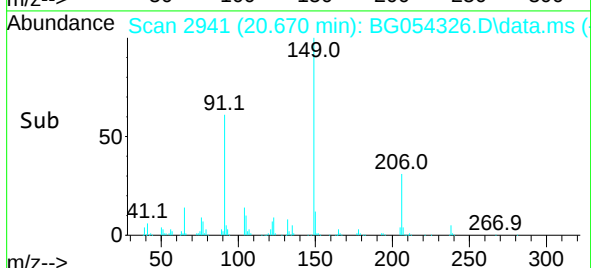
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

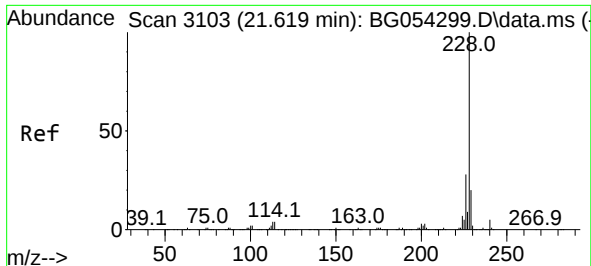


#80
Butylbenzylphthalate
Concen: 39.729 ng
RT: 20.670 min Scan# 2941
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



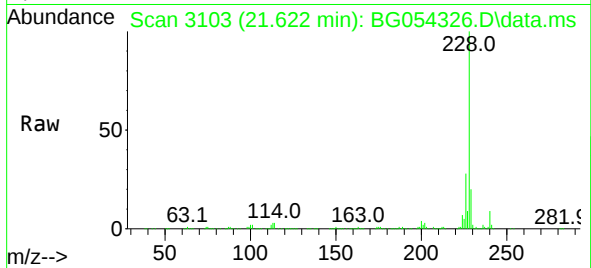
Tgt Ion:149 Resp: 135632
Ion Ratio Lower Upper
149 100
91 61.3 59.6 89.4
206 30.7 18.6 28.0





#81
Benzo(a)anthracene
Concen: 40.404 ng
RT: 21.622 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

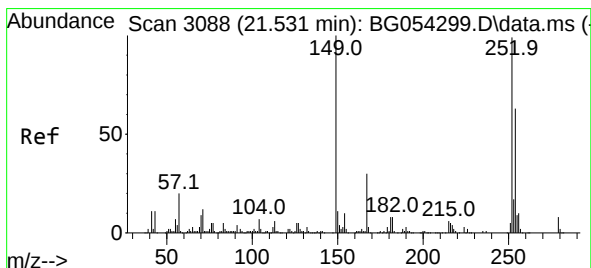
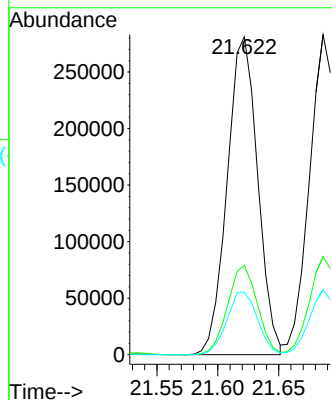
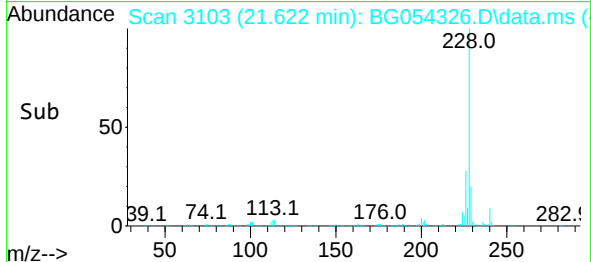
Instrument :
BNA_G
ClientSampleId :
PB146329BS



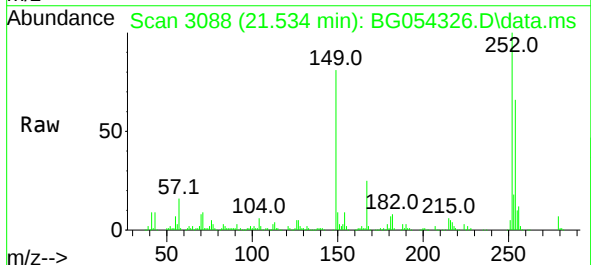
Tgt Ion:228 Resp: 48968
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 19.7 16.2 24.2

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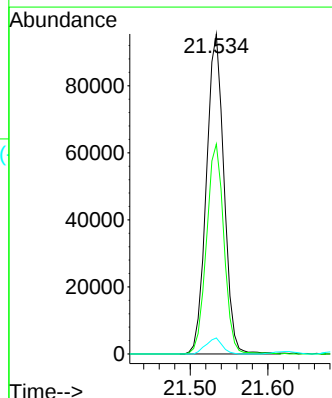
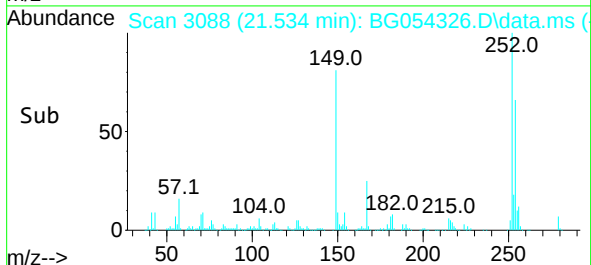
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.867 ng
RT: 21.534 min Scan# 3088
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:252 Resp: 150267
Ion Ratio Lower Upper
252 100
254 65.6 49.8 74.8
126 5.0 6.0 9.0#





#83

Chrysene

Concen: 39.870 ng

RT: 21.686 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

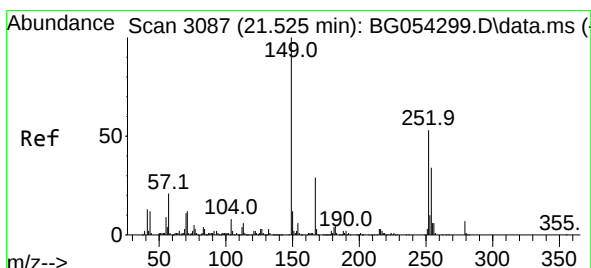
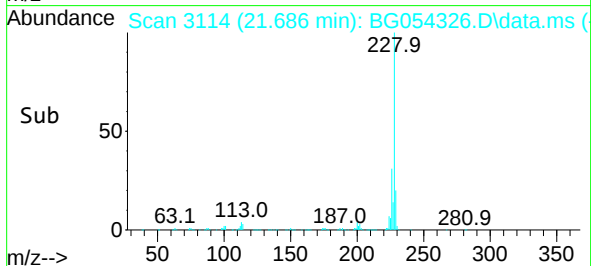
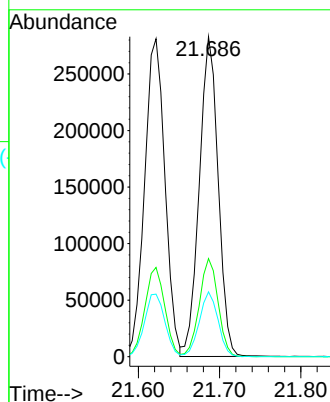
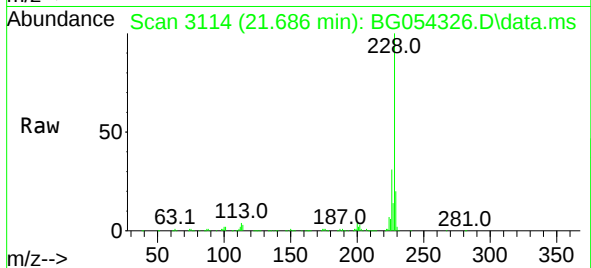
PB146329BS

Tgt Ion:228 Resp: 456529
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.2
 229 20.3 15.5 23.3

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.618 ng

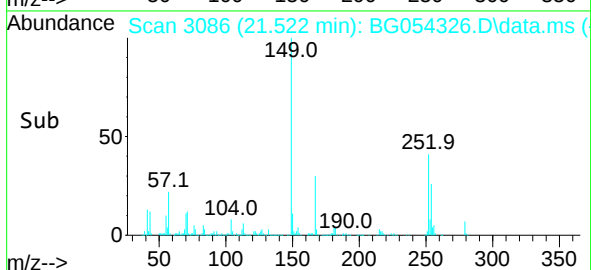
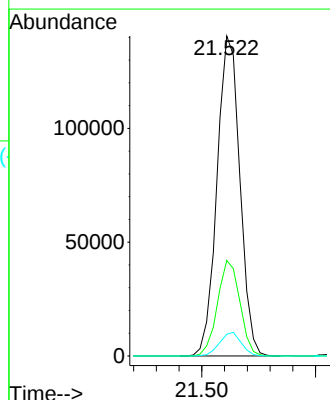
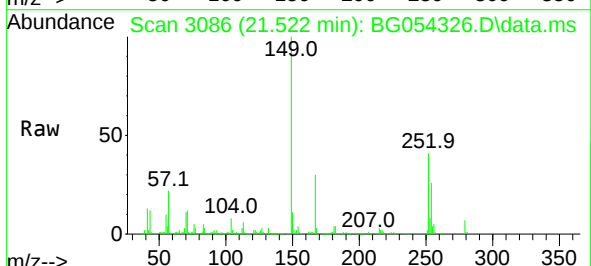
RT: 21.522 min Scan# 3086

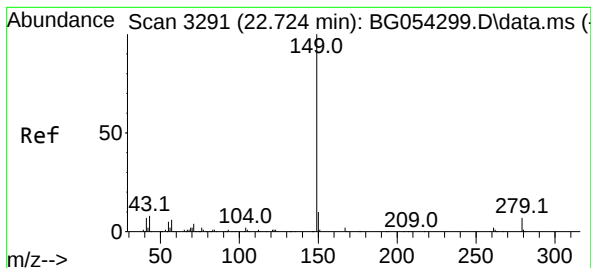
Delta R.T. -0.003 min

Lab File: BG054326.D

Acq: 20 Jul 2022 13:44

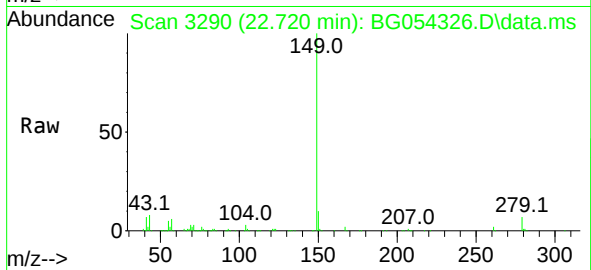
Tgt Ion:149 Resp: 196215
 Ion Ratio Lower Upper
 149 100
 167 29.9 20.2 30.4
 279 6.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 41.530 ng
RT: 22.720 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

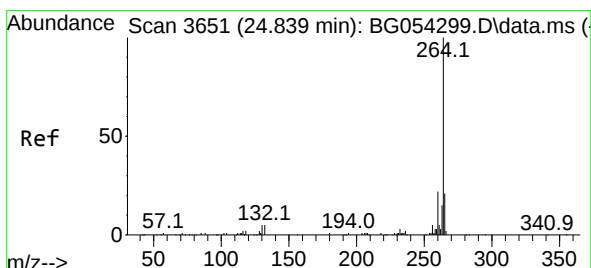
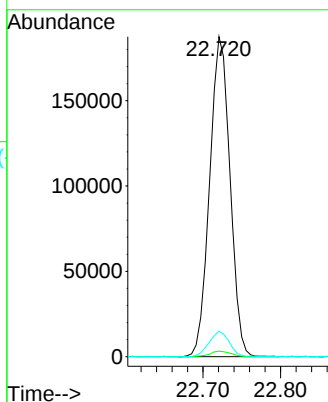
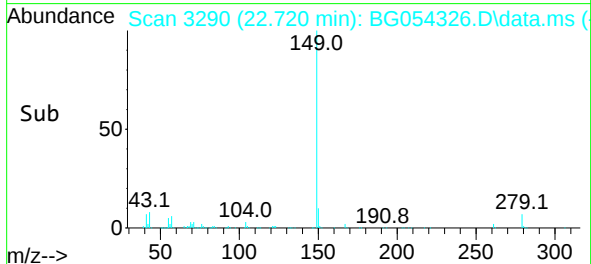
Instrument :
BNA_G
ClientSampleId :
PB146329BS



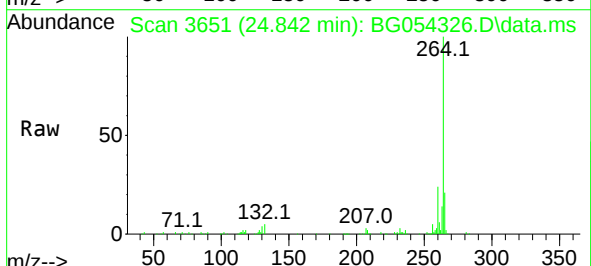
Tgt Ion:149 Resp: 34225
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.9 9.0 13.4

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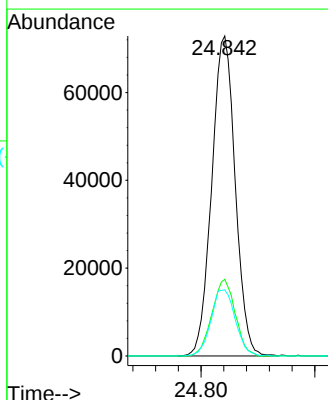
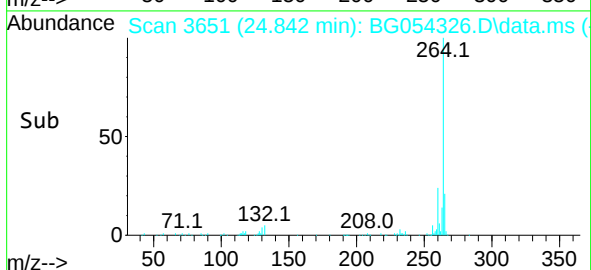
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

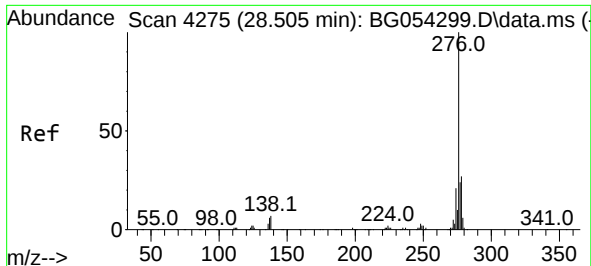


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3651
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



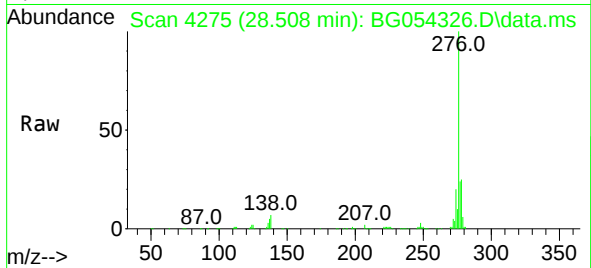
Tgt Ion:264 Resp: 208421
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.749 ng
 RT: 28.508 min Scan# 4275
 Delta R.T. 0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44

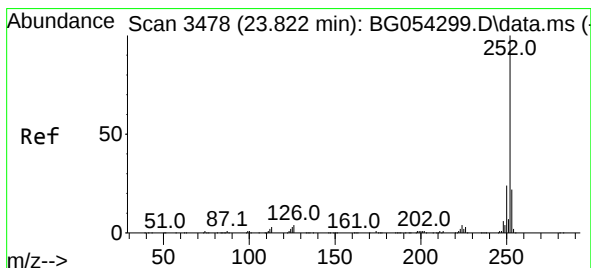
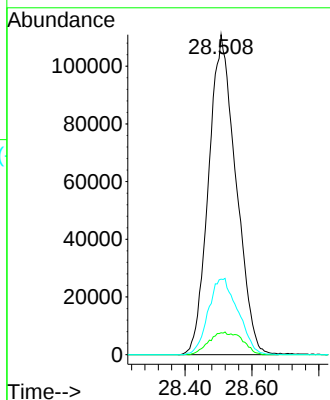
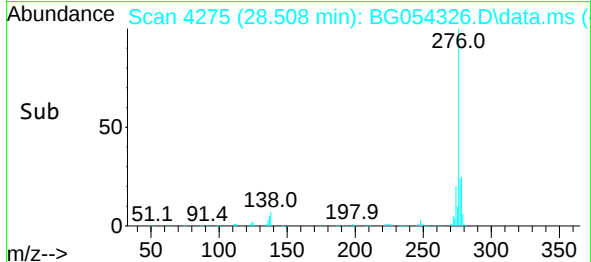
Instrument :
 BNA_G
 ClientSampleId :
 PB146329BS



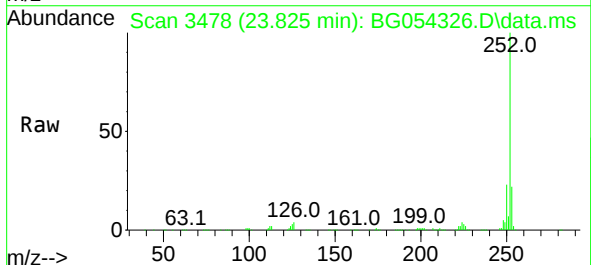
Tgt Ion: 276 Resp: 63024
 Ion Ratio Lower Upper
 276 100
 138 8.6 5.0 7.4
 277 25.8 20.3 30.5

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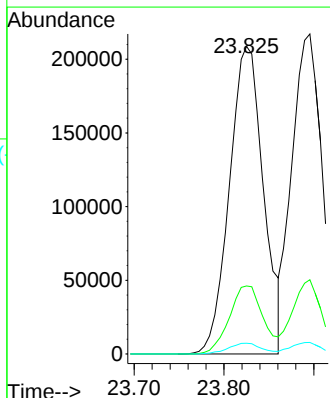
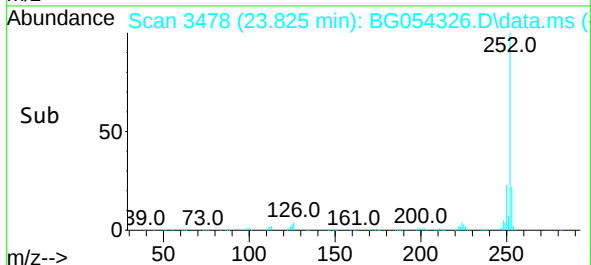
Reviewed By : Christian Giraldo 07/21/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

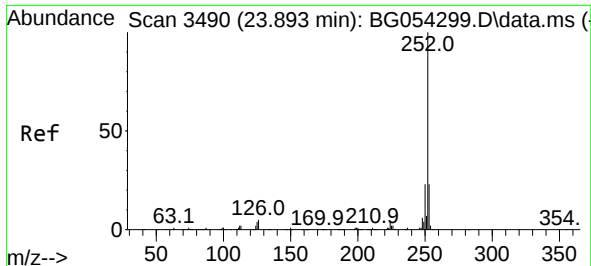


#88
 Benzo(b)fluoranthene
 Concen: 44.498 ng
 RT: 23.825 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: BG054326.D
 Acq: 20 Jul 2022 13:44



Tgt Ion: 252 Resp: 548478
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 3.5 4.6 6.8





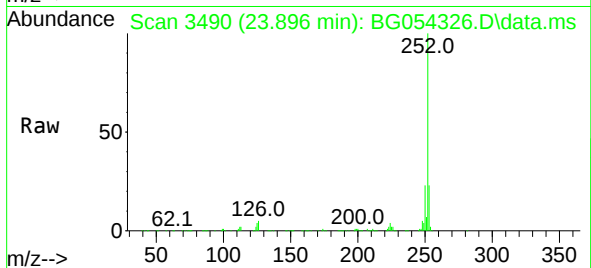
#89
Benzo(k)fluoranthene
Concen: 41.569 ng
RT: 23.896 min Scan# 3490
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

Instrument :

BNA_G

ClientSampleId :

PB146329BS

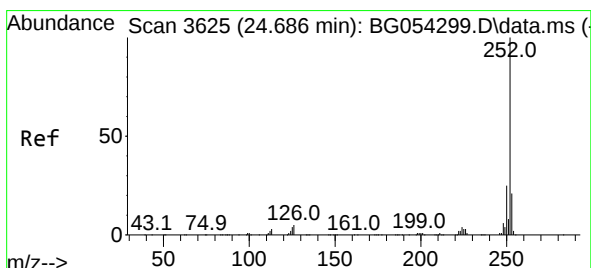
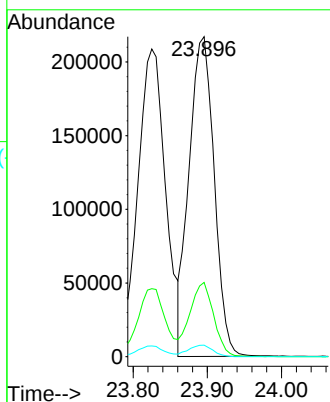
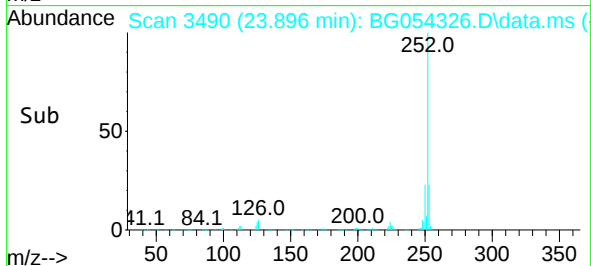


Tgt Ion:252 Resp: 509923
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 3.6 4.8 7.2

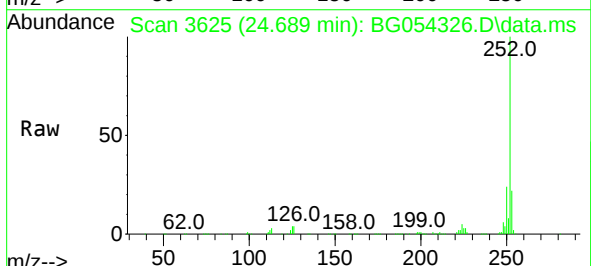
Manual Integrations

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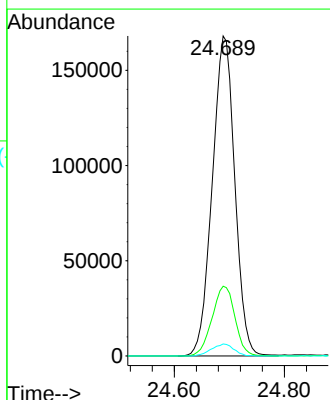
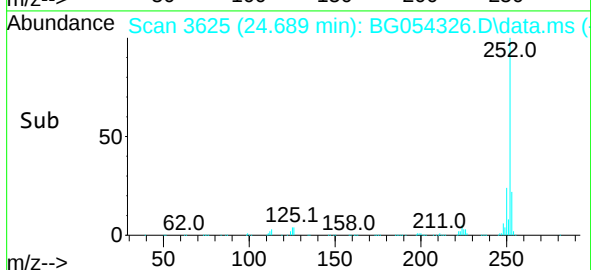
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

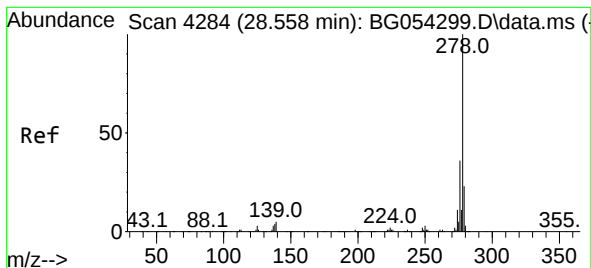


#90
Benzo(a)pyrene
Concen: 45.331 ng
RT: 24.689 min Scan# 3625
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



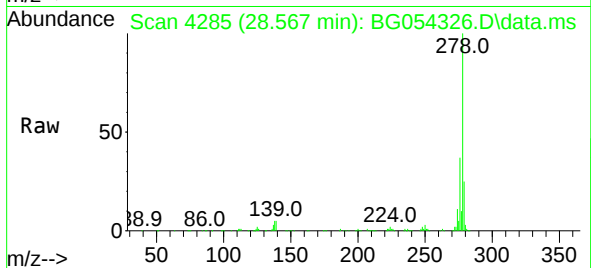
Tgt Ion:252 Resp: 477168
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 3.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 42.021 ng
RT: 28.567 min Scan# 4285
Delta R.T. 0.008 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44

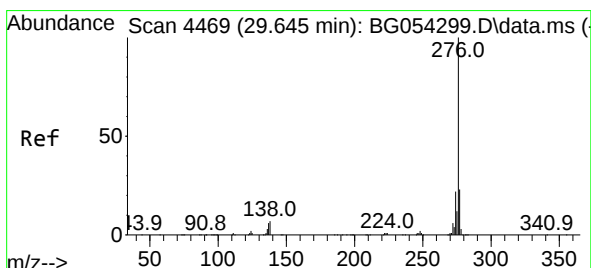
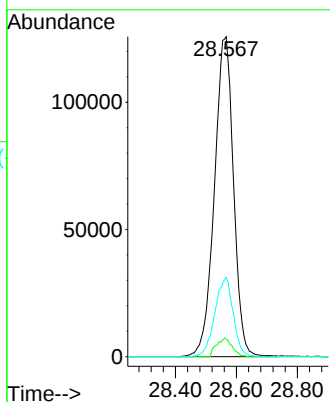
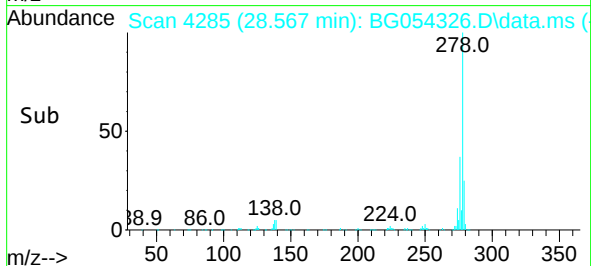
Instrument :
BNA_G
ClientSampleId :
PB146329BS



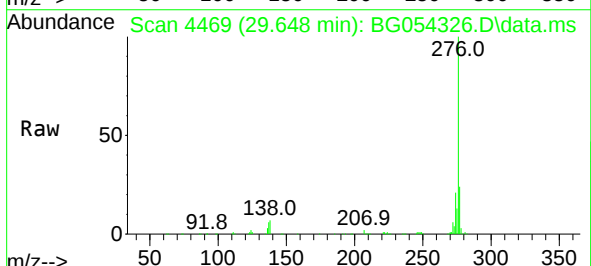
Tgt Ion:278 Resp: 547850
Ion Ratio Lower Upper
278 100
139 5.5 7.2 10.8
279 24.8 18.6 27.8

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



#92
Benzo(g,h,i)perylene
Concen: 41.715 ng
RT: 29.648 min Scan# 4469
Delta R.T. 0.003 min
Lab File: BG054326.D
Acq: 20 Jul 2022 13:44



Tgt Ion:276 Resp: 536789
Ion Ratio Lower Upper
276 100
277 24.1 17.3 25.9
138 7.4 9.6 14.4

