

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052785.D
 Acq On : 22 Mar 2022 14:39
 Operator : CG/JU
 Sample : N1974-13MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3MSD

Quant Time: Mar 22 16:39:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	44241	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	180989	20.000	ng	#-0.01
39) Acenaphthene-d10	14.766	164	130275	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	324890	20.000	ng	0.00
76) Chrysene-d12	21.798	240	319775	20.000	ng	-0.02
86) Perylene-d12	25.111	264	333495	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	315031	124.009	ng	0.00
7) Phenol-d6	7.294	99	444103	115.957	ng	0.00
23) Nitrobenzene-d5	9.309	82	351450	97.461	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	251473	143.654	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	763860	86.477	ng	-0.02
79) Terphenyl-d14	20.112	244	1499964	83.440	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.587	88	46411	36.522	ng	# 90
3) Pyridine	3.986	79	95863	29.428	ng	95
4) n-Nitrosodimethylamine	3.892	42	63052	43.632	ng	87
6) Aniline	7.464	93	170810	38.036	ng	95
8) 2-Chlorophenol	7.705	128	129575	48.543	ng	92
9) Benzaldehyde	7.270	77	98373	49.357	ng	94
10) Phenol	7.323	94	162614	43.013	ng	96
11) bis(2-Chloroethyl)ether	7.552	93	128638	45.056	ng	94
12) 1,3-Dichlorobenzene	8.034	146	140771	43.800	ng	98
13) 1,4-Dichlorobenzene	8.181	146	143286	44.373	ng	99
14) 1,2-Dichlorobenzene	8.504	146	140186	45.903	ng	98
15) Benzyl Alcohol	8.375	79	145331	45.067	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.674	45	200166	40.259	ng	99
17) 2-Methylphenol	8.580	107	119972	47.602	ng	98
18) Hexachloroethane	9.238	117	51711	43.647	ng	98
19) n-Nitroso-di-n-propyla...	8.950	70	123020	45.353	ng	98
20) 3+4-Methylphenols	8.903	107	160475	45.498	ng	97
22) Acetophenone	8.962	105	209813	44.796	ng	# 99
24) Nitrobenzene	9.350	77	181463	50.293	ng	93
25) Isophorone	9.873	82	341522	48.912	ng	97
26) 2-Nitrophenol	10.061	139	71019	56.680	ng	94
27) 2,4-Dimethylphenol	10.113	122	130059	50.737	ng	91
28) bis(2-Chloroethoxy)met...	10.348	93	183970	44.559	ng	99
29) 2,4-Dichlorophenol	10.601	162	139554	48.382	ng	97
30) 1,2,4-Trichlorobenzene	10.818	180	148157	43.541	ng	97
31) Naphthalene	11.012	128	414669	44.306	ng	100
32) Benzoic acid	10.155	122	4475m	7.746	ng	
33) 4-Chloroaniline	11.106	127	101875	25.682	ng	98
34) Hexachlorobutadiene	11.300	225	102464	42.000	ng	98
35) Caprolactam	11.876	113	41869	53.160	ng	# 85
36) 4-Chloro-3-methylphenol	12.216	107	160526	47.925	ng	95
37) 2-Methylnaphthalene	12.604	142	297281	43.373	ng	95
38) 1-Methylnaphthalene	12.822	142	287825	43.027	ng	95
40) 1,2,4,5-Tetrachloroben...	12.968	216	178201	43.783	ng	99
41) Hexachlorocyclopentadiene	12.957	237	197381	81.815	ng	96
43) 2,4,6-Trichlorophenol	13.197	196	130948	50.240	ng	93

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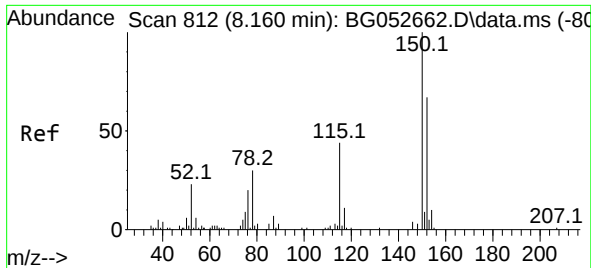
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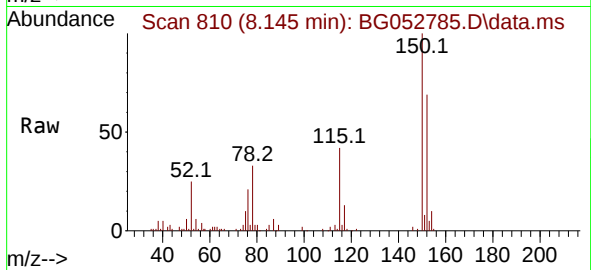
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44) 2,4,5-Trichlorophenol	13.274	196	139646	52.785	ng	98
46) 1,1'-Biphenyl	13.603	154	406190	44.584	ng	98
47) 2-Chloronaphthalene	13.650	162	321901	44.866	ng	98
48) 2-Nitroaniline	13.838	65	124710	63.556	ng	94
49) Acenaphthylene	14.490	152	549464	48.042	ng	99
50) Dimethylphthalate	14.214	163	456855	47.185	ng	100
51) 2,6-Dinitrotoluene	14.325	165	97090	59.393	ng	91
52) Acenaphthene	14.831	154	309430	42.231	ng	96
53) 3-Nitroaniline	14.654	138	88436	46.232	ng	# 88
54) 2,4-Dinitrophenol	14.854	184	2575	2.890	ng	# 1
55) Dibenzofuran	15.165	168	523283	43.732	ng	99
56) 4-Nitrophenol	14.954	139	135190	86.640	ng	85
57) 2,4-Dinitrotoluene	15.113	165	132675	58.494	ng	92
58) Fluorene	15.812	166	434207	44.517	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.383	232	134810	47.674	ng	99
60) Diethylphthalate	15.571	149	473679	46.347	ng	99
61) 4-Chlorophenyl-phenyle...	15.800	204	236304	43.930	ng	95
62) 4-Nitroaniline	15.817	138	108906	53.881	ng	89
63) Azobenzene	16.094	77	472670	43.270	ng	98
65) 4,6-Dinitro-2-methylph...	15.876	198	5104	3.524	ng	# 72
66) n-Nitrosodiphenylamine	16.011	169	396892	43.392	ng	97
67) 4-Bromophenyl-phenylether	16.693	248	166546	42.519	ng	96
68) Hexachlorobenzene	16.822	284	185475	44.054	ng	95
69) Atrazine	16.957	200	170028	50.413	ng	99
70) Pentachlorophenol	17.157	266	93473	35.786	ng	92
71) Phenanthrene	17.550	178	763812	43.946	ng	98
72) Anthracene	17.644	178	775758	45.150	ng	99
73) Carbazole	17.909	167	721737	42.413	ng	98
74) Di-n-butylphthalate	18.461	149	840856	45.232	ng	97
75) Fluoranthene	19.559	202	966996	43.830	ng	98
77) Benzidine	19.724	184	461519	55.958	ng	98
78) Pyrene	19.918	202	967146	43.601	ng	100
80) Butylbenzylphthalate	20.799	149	365711	46.478	ng	99
81) Benzo(a)anthracene	21.780	228	940578	43.926	ng	98
82) 3,3'-Dichlorobenzidine	21.686	252	266174	35.201	ng	98
83) Chrysene	21.845	228	855084	42.478	ng	100
84) Bis(2-ethylhexyl)phtha...	21.680	149	510109	47.671	ng	100
85) Di-n-octyl phthalate	22.925	149	858607	48.198	ng	97
87) Indeno(1,2,3-cd)pyrene	28.917	276	1019079	44.644	ng	# 96
88) Benzo(b)fluoranthene	24.065	252	959171	46.321	ng	99
89) Benzo(k)fluoranthene	24.136	252	930191	45.658	ng	97
90) Benzo(a)pyrene	24.964	252	924606	52.751	ng	98
91) Dibenzo(a,h)anthracene	28.982	278	881989	46.892	ng	98
92) Benzo(g,h,i)perylene	30.110	276	866660	46.568	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

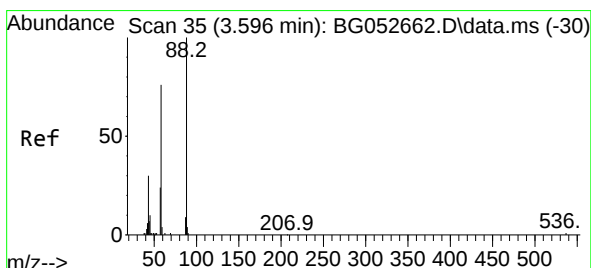
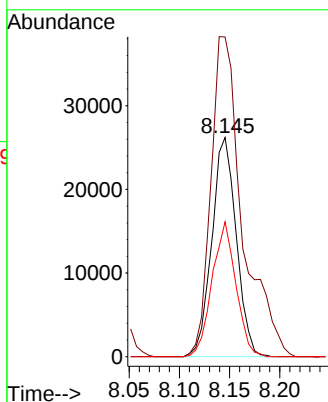
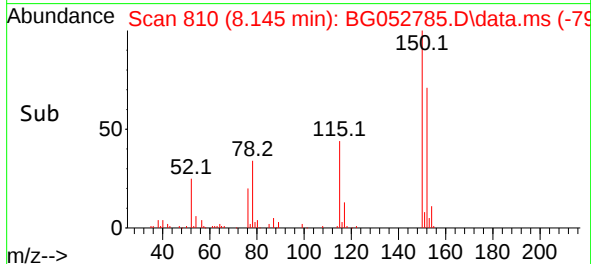
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion: 152 Resp: 4424
Ion Ratio Lower Upper
152 100
150 145.8 114.6 172.0
115 61.5 45.9 68.9

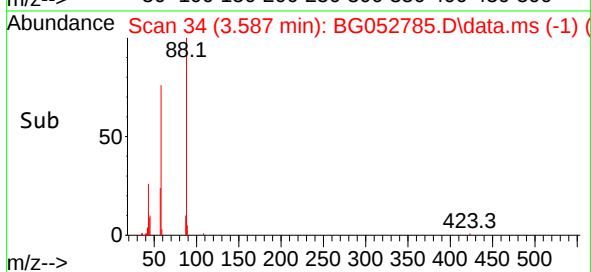
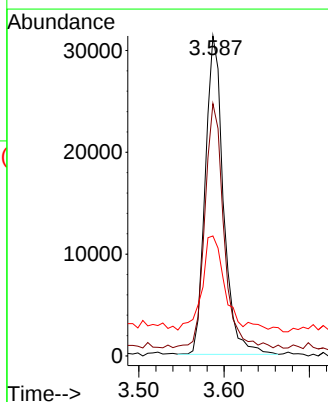
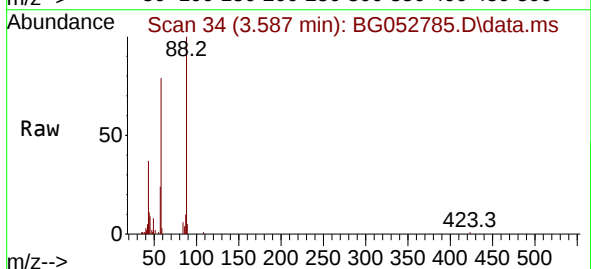
Manual Integrations
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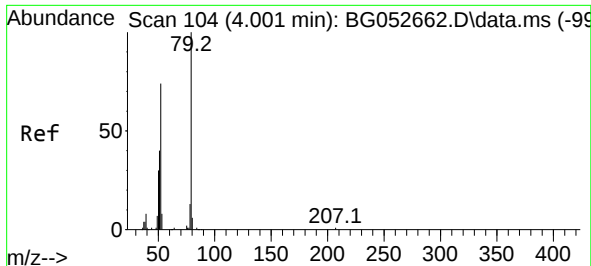
Reviewed By :Christian Giraldo 03/23/2022
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#2
1,4-Dioxane
Concen: 36.522 ng
RT: 3.587 min Scan# 34
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

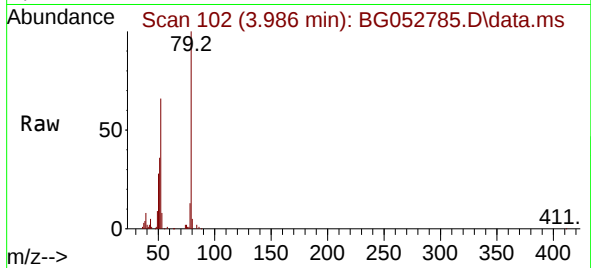
Tgt Ion: 88 Resp: 46411
Ion Ratio Lower Upper
88 100
58 80.3 58.2 87.2
43 35.3 23.4 35.0





#3
Pyridine
Concen: 29.428 ng
RT: 3.986 min Scan# 102
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

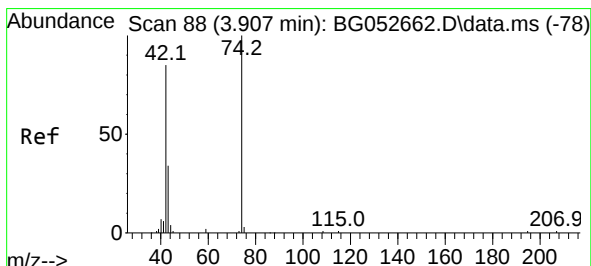
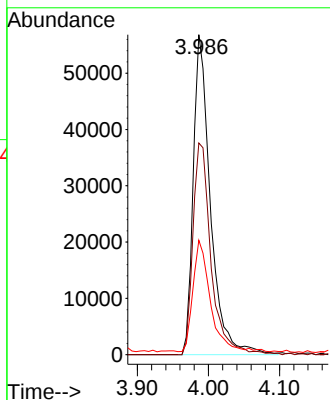
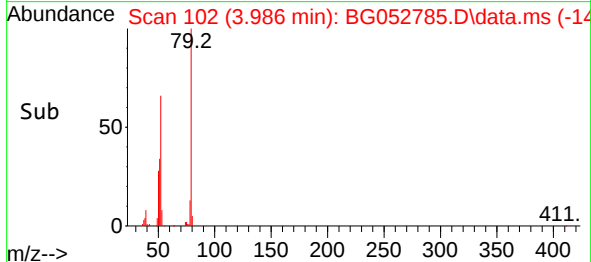
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion: 79 Resp: 9586
Ion Ratio Lower Upper
79 100
52 66.1 50.9 76.3
51 35.8 24.4 36.6

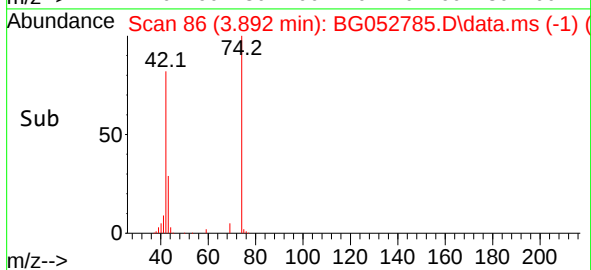
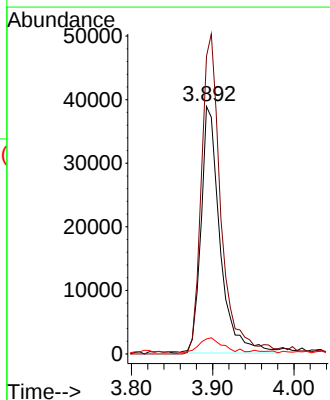
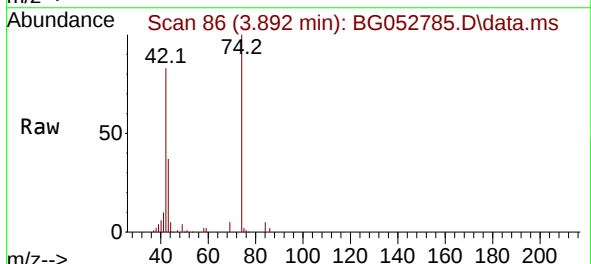
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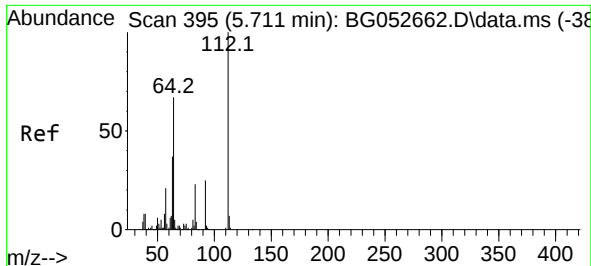
Reviewed By :Christian Giraldo 03/23/2022
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#4
n-Nitrosodimethylamine
Concen: 43.632 ng
RT: 3.892 min Scan# 86
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

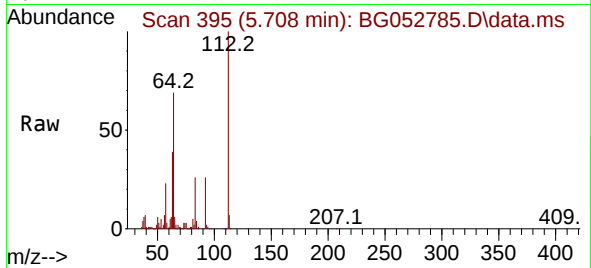
Tgt Ion: 42 Resp: 63052
Ion Ratio Lower Upper
42 100
74 120.4 108.9 163.3
44 6.1 5.7 8.5





#5
2-Fluorophenol
Concen: 124.009 ng
RT: 5.708 min Scan# 395
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

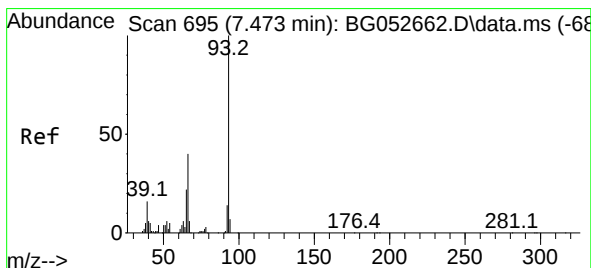
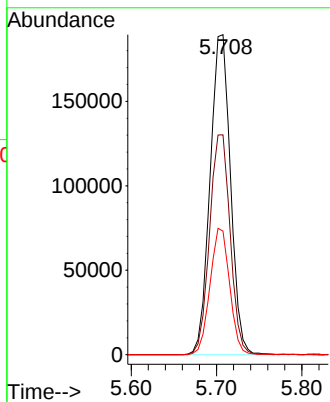
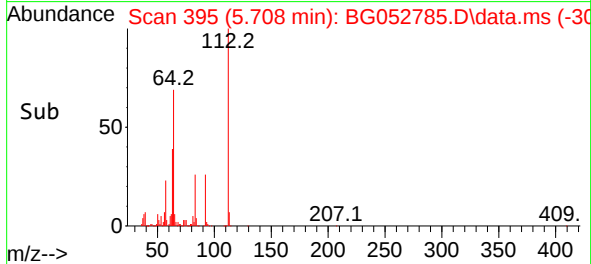
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Tgt Ion:112 Resp: 31503
Ion Ratio Lower Upper
112 100
64 68.7 48.0 72.0
63 38.6 26.5 39.7

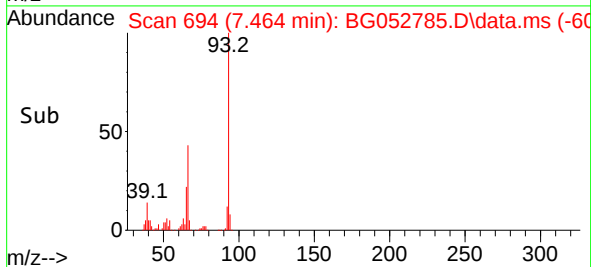
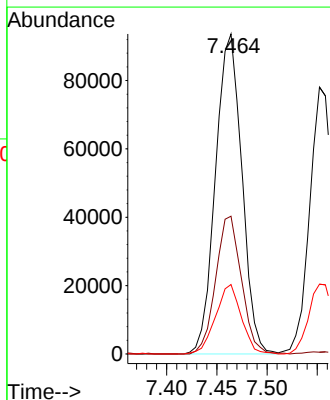
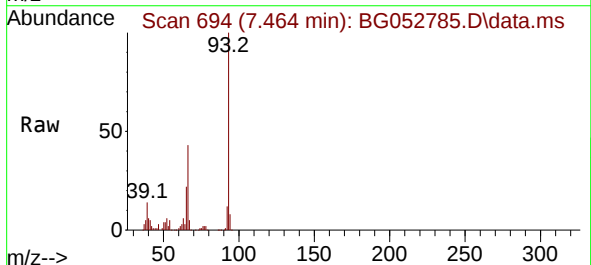
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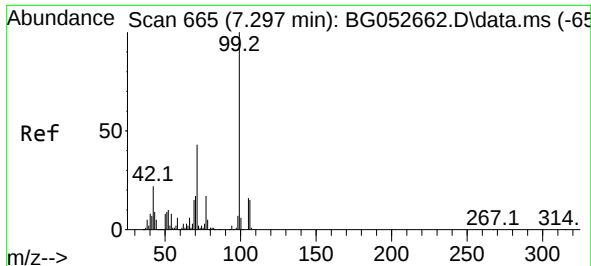
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#6
Aniline
Concen: 38.036 ng
RT: 7.464 min Scan# 694
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

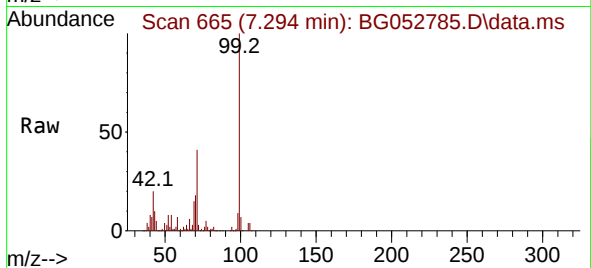
Tgt Ion: 93 Resp: 170810
Ion Ratio Lower Upper
93 100
66 43.1 31.3 46.9
65 21.7 16.7 25.1





#7
Phenol-d6
Concen: 115.957 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

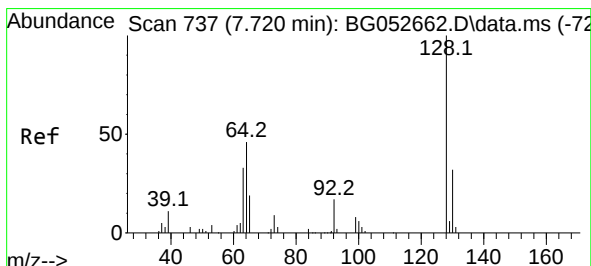
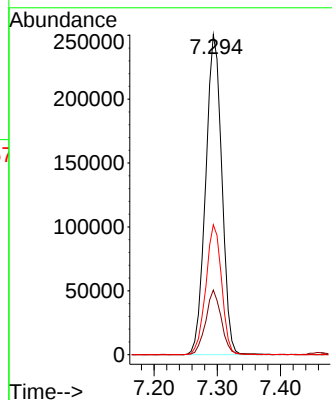
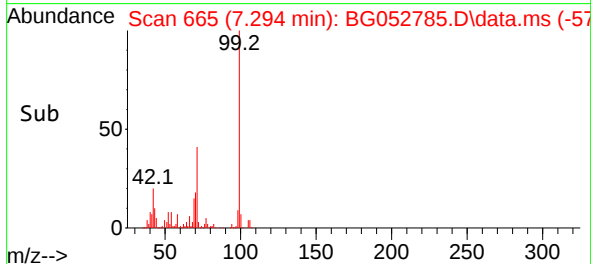
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Tgt Ion: 99 Resp: 44410
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 40.6 29.2 43.8

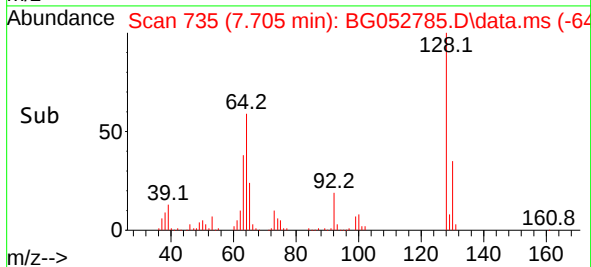
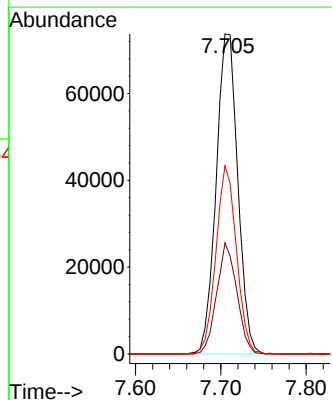
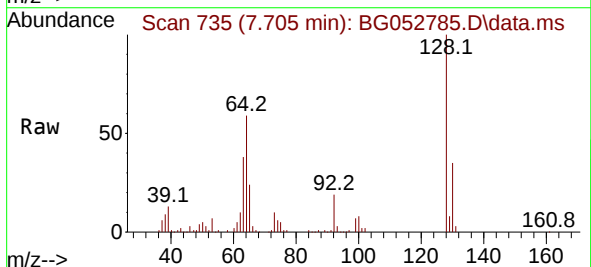
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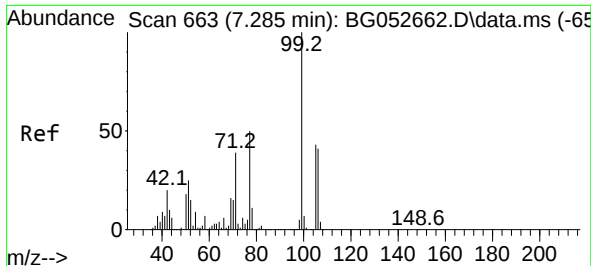
Reviewed By :Christian Giraldo 03/23/2022
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#8
2-Chlorophenol
Concen: 48.543 ng
RT: 7.705 min Scan# 735
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Tgt Ion:128 Resp: 129575
Ion Ratio Lower Upper
128 100
130 34.7 13.4 53.4
64 58.8 30.9 70.9





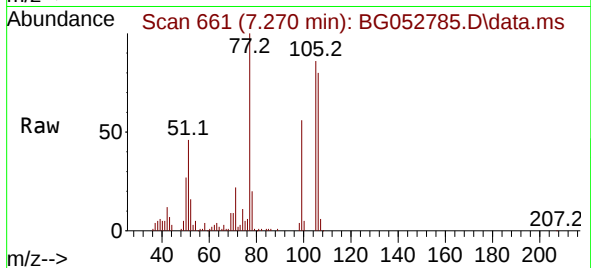
#9
Benzaldehyde
Concen: 49.357 ng
RT: 7.270 min Scan# 609
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

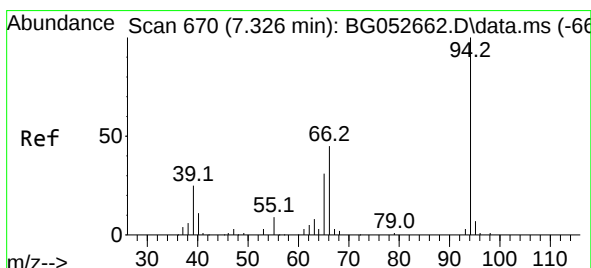
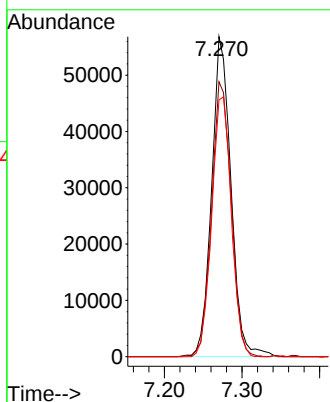
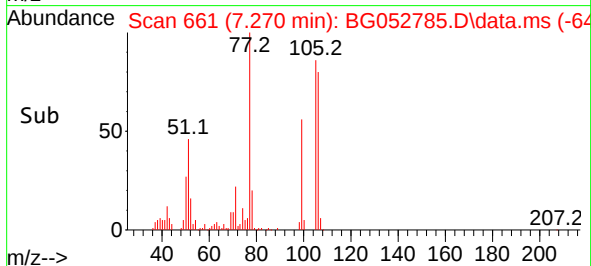


Tgt Ion: 77 Resp: 9837
Ion Ratio Lower Upper
77 100
105 85.9 70.6 110.6
106 80.3 67.6 107.6

Manual Integrations

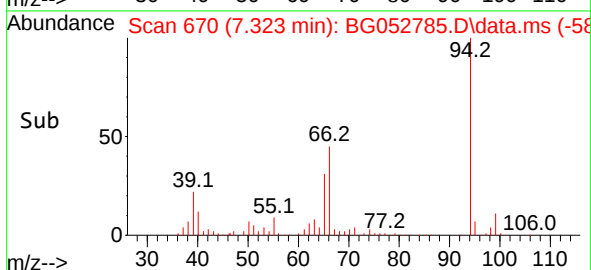
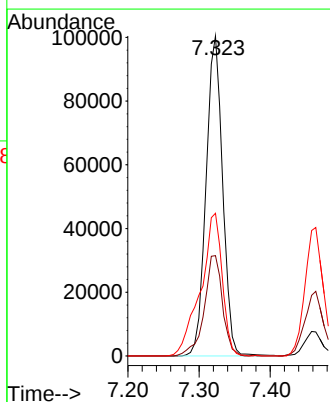
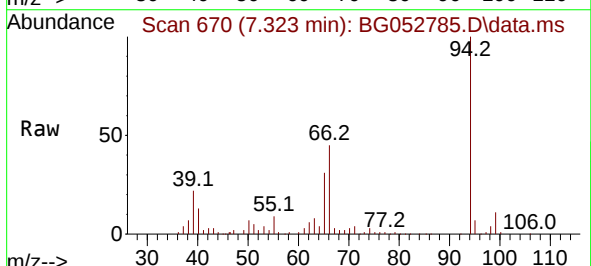
APPROVED

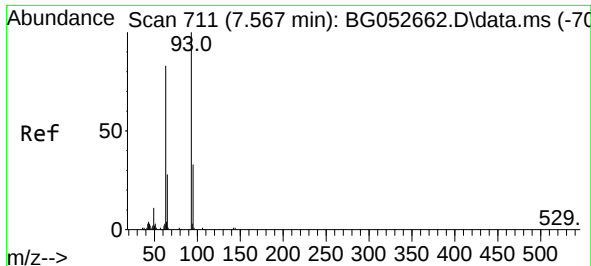
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#10
Phenol
Concen: 43.013 ng
RT: 7.323 min Scan# 670
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

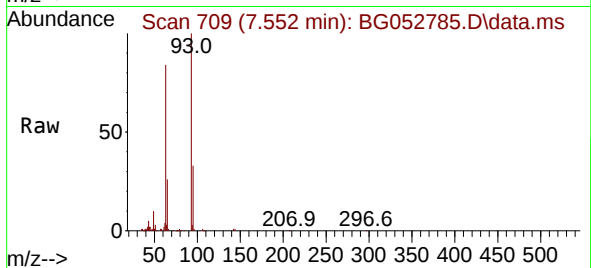
Tgt Ion: 94 Resp: 162614
Ion Ratio Lower Upper
94 100
65 31.4 11.1 51.1
66 44.6 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.056 ng
RT: 7.552 min Scan# 709
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

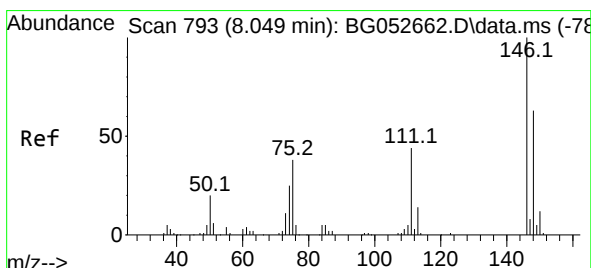
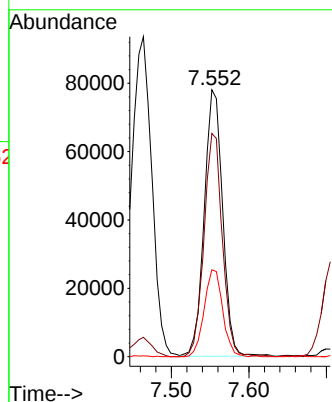
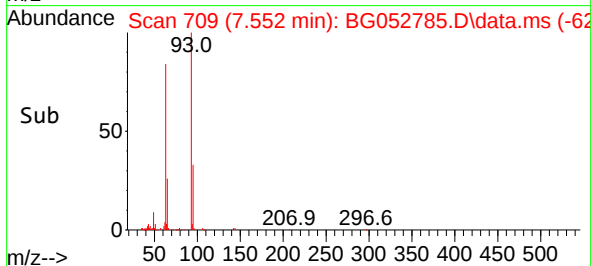
Instrument :
BNA_G
ClientSampleId :
B-3MSD



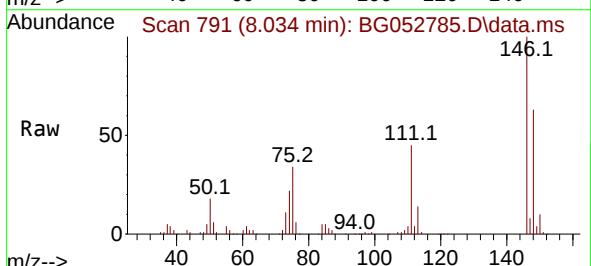
Tgt Ion: 93 Resp: 128638
Ion Ratio Lower Upper
93 100
63 83.6 56.9 96.9
95 32.6 14.5 54.5

Manual Integrations
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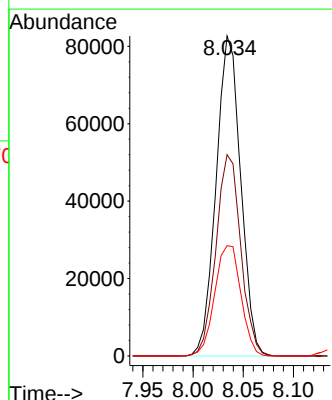
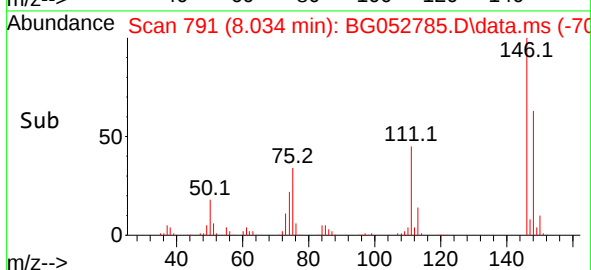
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

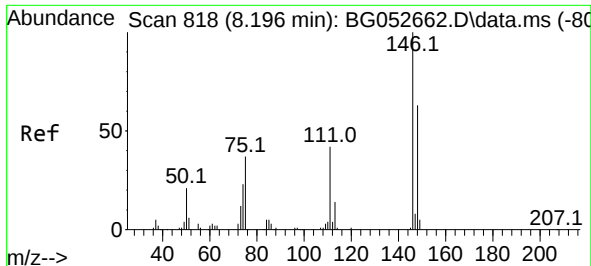


#12
1,3-Dichlorobenzene
Concen: 43.800 ng
RT: 8.034 min Scan# 791
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



Tgt Ion:146 Resp: 140771
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 34.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 44.373 ng

RT: 8.181 min Scan# 81

Delta R.T. -0.015 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:146 Resp: 143280

Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

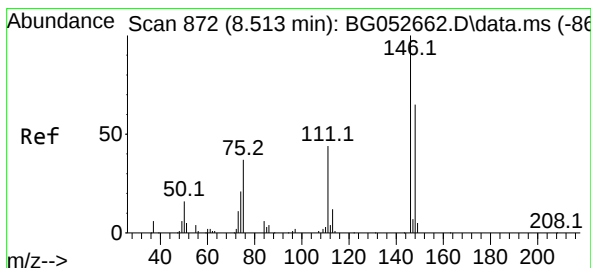
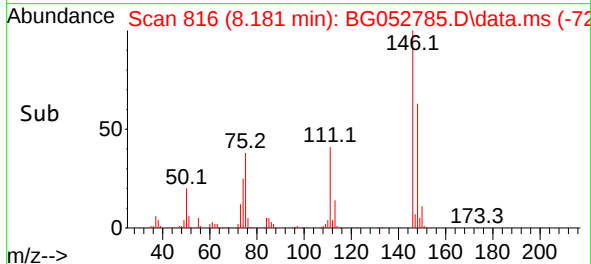
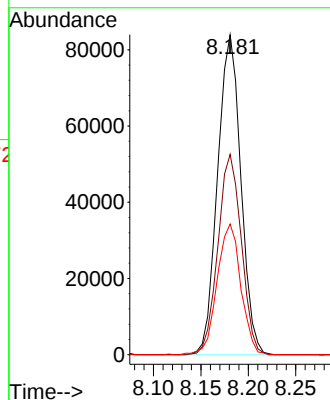
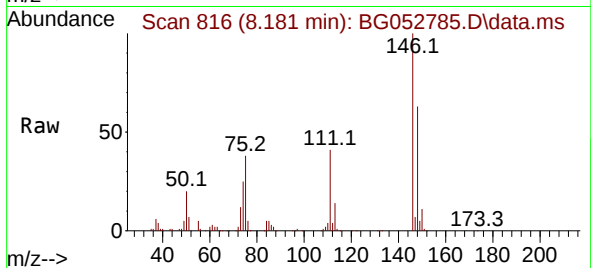
111 40.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#14

1,2-Dichlorobenzene

Concen: 45.903 ng

RT: 8.504 min Scan# 871

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

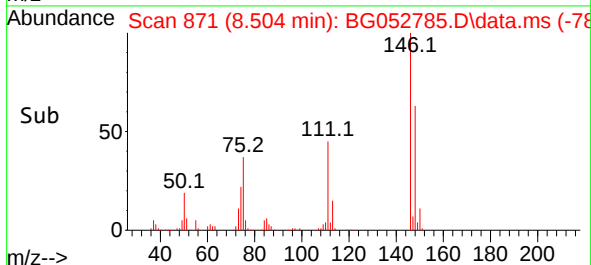
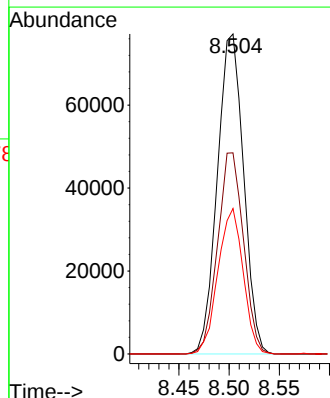
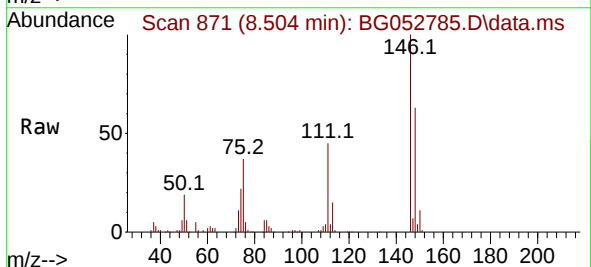
Tgt Ion:146 Resp: 140186

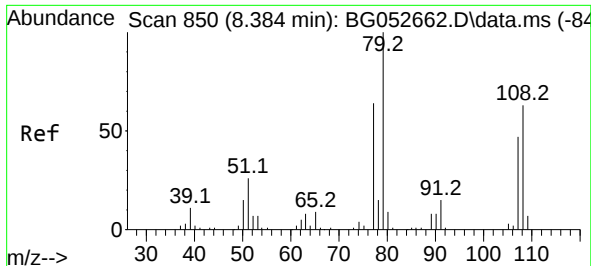
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

111 45.5 34.7 52.1





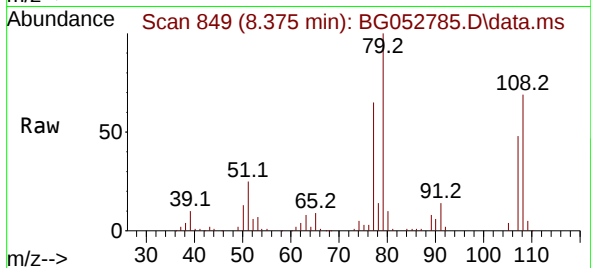
#15
Benzyl Alcohol
Concen: 45.067 ng
RT: 8.375 min Scan# 849
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

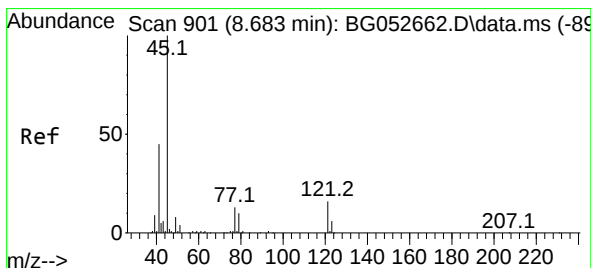
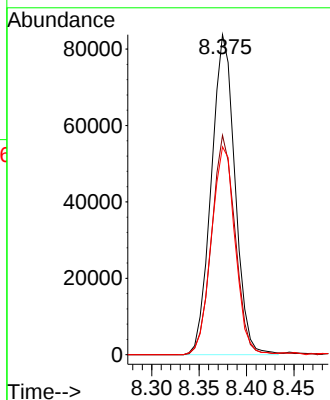
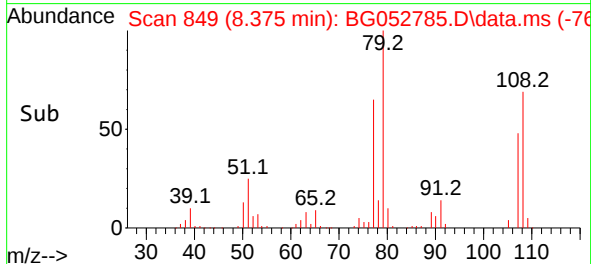
B-3MSD



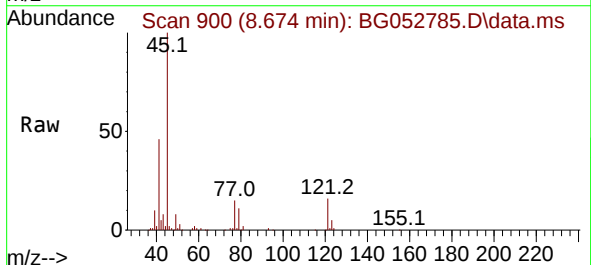
Tgt Ion: 79 Resp: 14533
Ion Ratio Lower Upper
79 100
108 68.6 55.1 82.7
77 65.0 52.4 78.6

Manual Integrations
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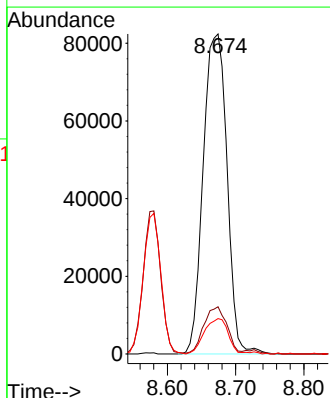
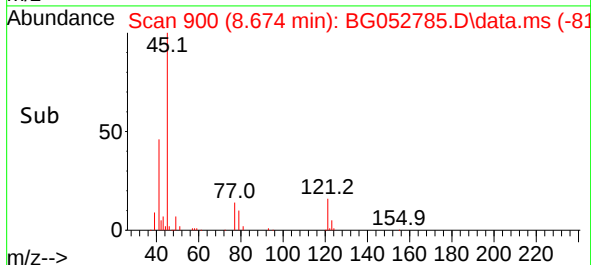
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

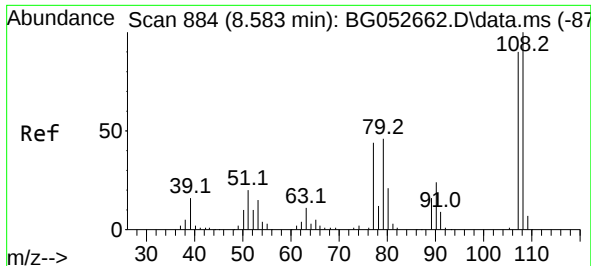


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.259 ng
RT: 8.674 min Scan# 900
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



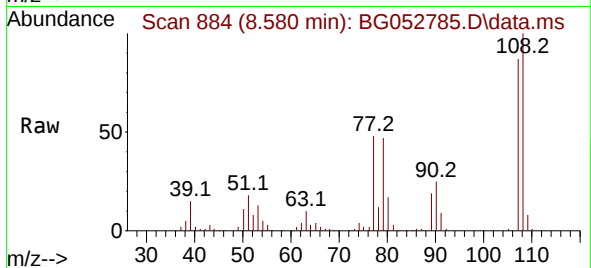
Tgt Ion: 45 Resp: 200166
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.9
79 11.1 0.0 30.7





#17
2-Methylphenol
Concen: 47.602 ng
RT: 8.580 min Scan# 884
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

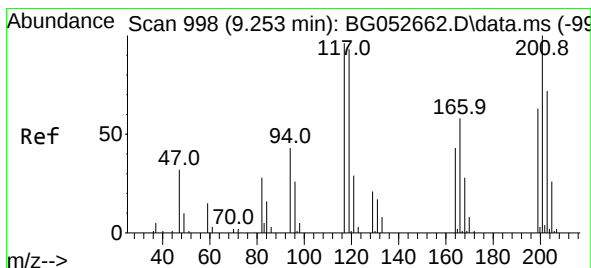
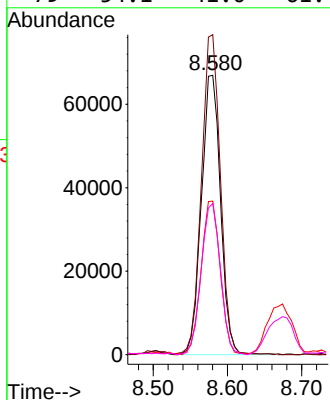
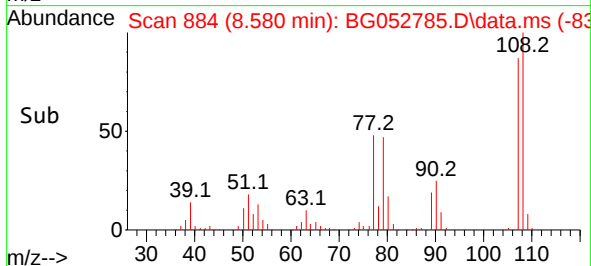
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:107 Resp: 119972
Ion Ratio Lower Upper
107 100
108 114.5 91.5 137.3
77 55.0 42.5 63.7
79 54.1 41.0 61.4

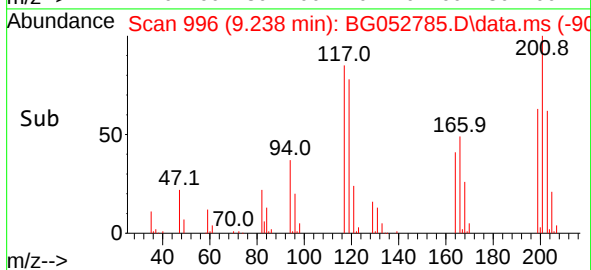
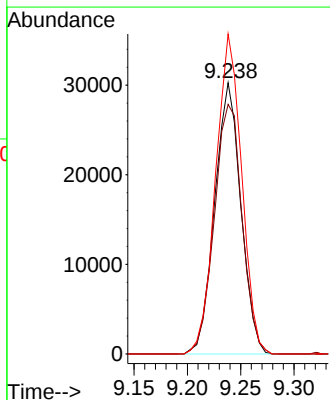
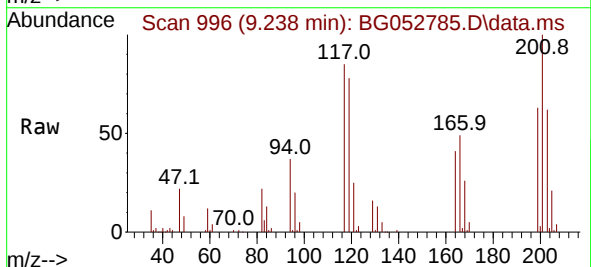
Manual Integrations
APPROVED

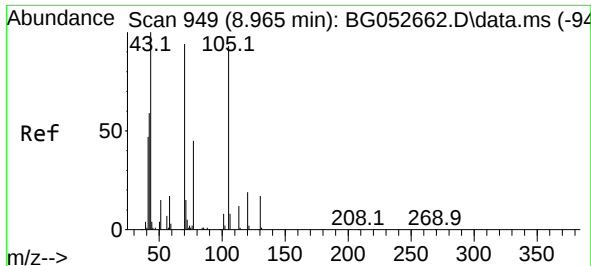
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#18
Hexachloroethane
Concen: 43.647 ng
RT: 9.238 min Scan# 996
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

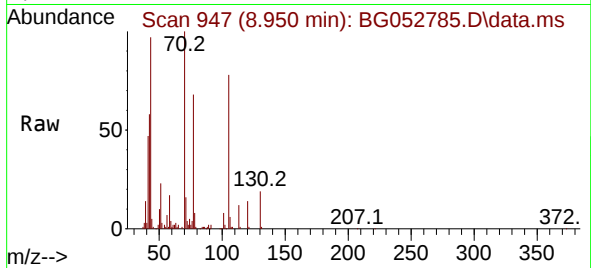
Tgt Ion:117 Resp: 51711
Ion Ratio Lower Upper
117 100
119 92.0 75.1 112.7
201 118.0 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.353 ng
RT: 8.950 min Scan# 949
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

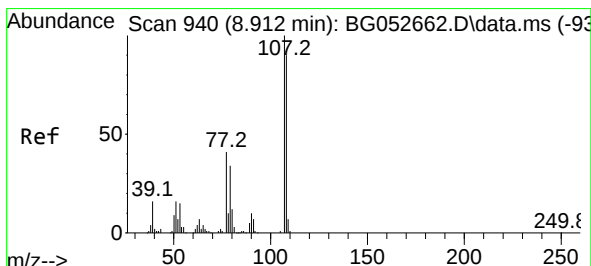
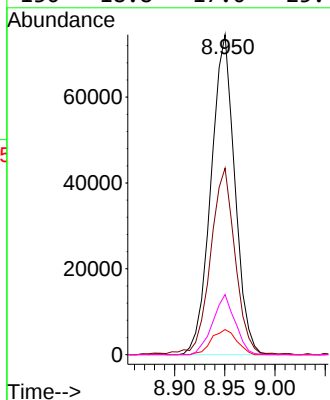
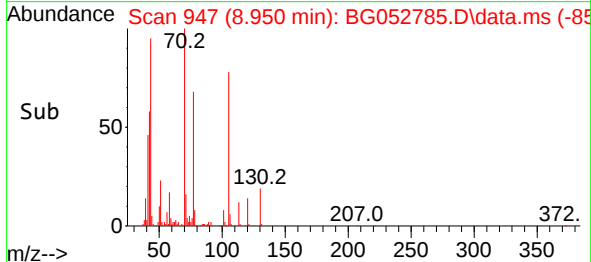
Instrument :
BNA_G
ClientSampleId :
B-3MSD



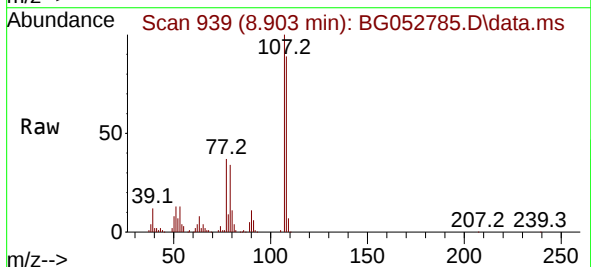
Tgt Ion: 70 Resp: 123020
Ion Ratio Lower Upper
70 100
42 58.3 46.0 69.0
101 7.9 6.2 9.4
130 18.8 17.0 25.4

Manual Integrations
APPROVED

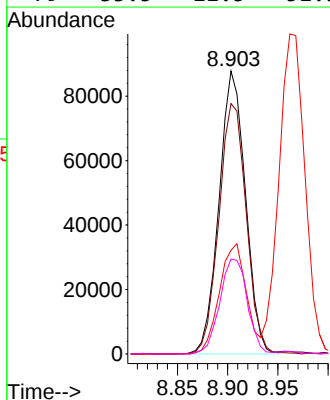
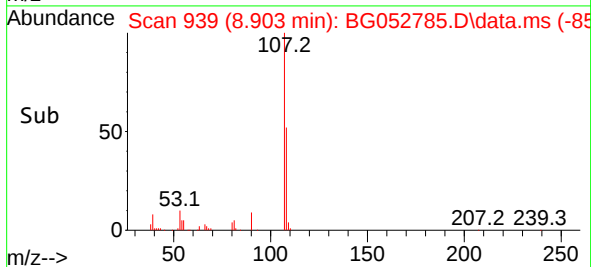
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

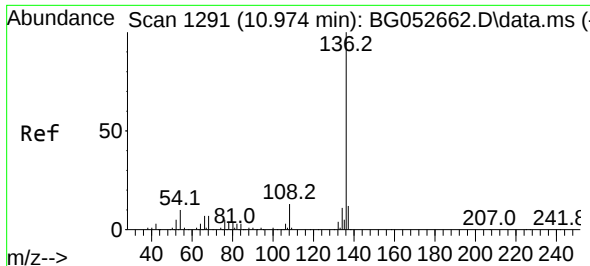


#20
3+4-Methylphenols
Concen: 45.498 ng
RT: 8.903 min Scan# 939
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



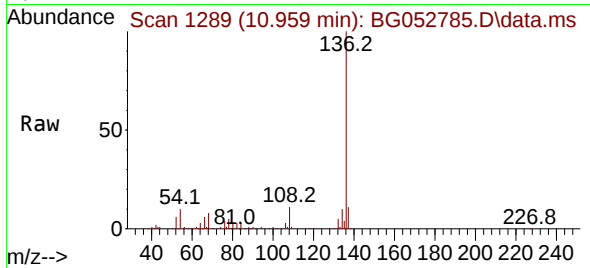
Tgt Ion:107 Resp: 160475
Ion Ratio Lower Upper
107 100
108 88.5 64.8 104.8
77 36.7 15.9 55.9
79 33.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 1291
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

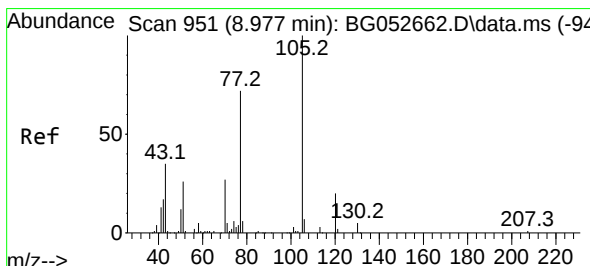
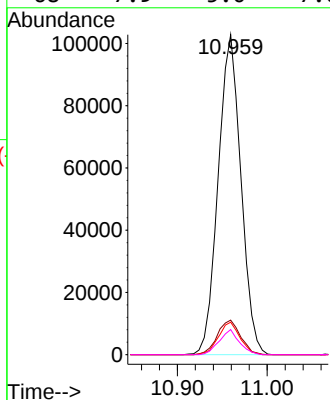
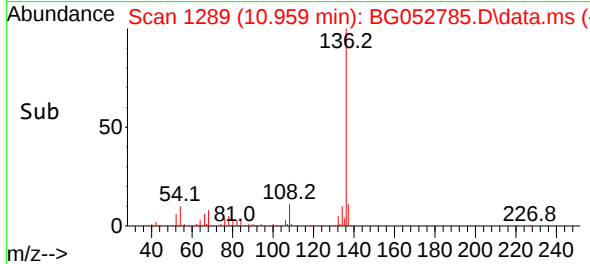
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:136 Resp: 180989
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 10.2 6.4 9.6
68 7.9 5.0 7.6

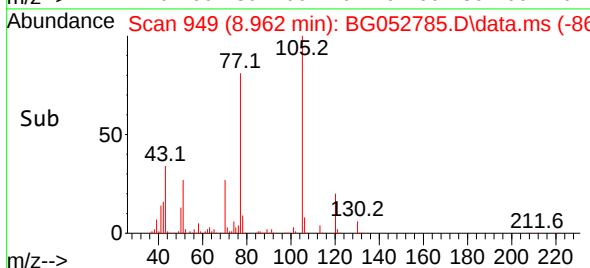
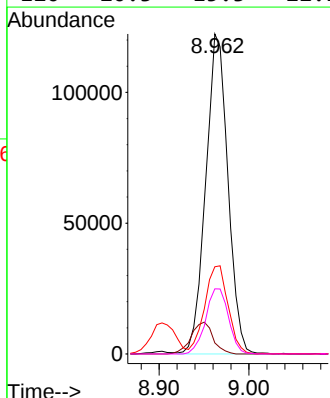
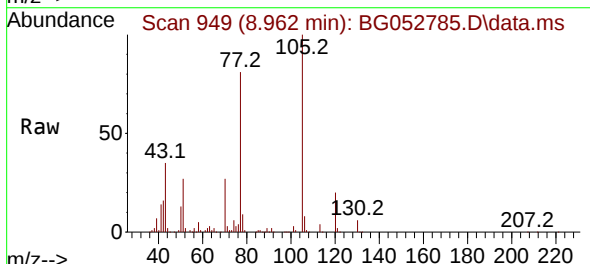
Manual Integrations
APPROVED

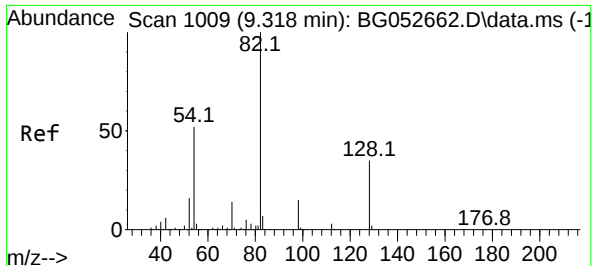
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#22
Acetophenone
Concen: 44.796 ng
RT: 8.962 min Scan# 949
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Tgt Ion:105 Resp: 209813
Ion Ratio Lower Upper
105 100
71 3.5 2.1 3.1
51 27.2 21.9 32.9
120 20.3 15.3 22.9





#23

Nitrobenzene-d5

Concen: 97.461 ng

RT: 9.309 min Scan# 1008

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

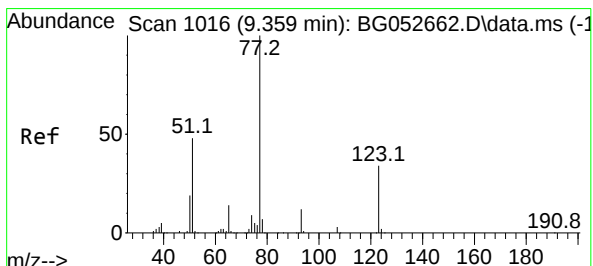
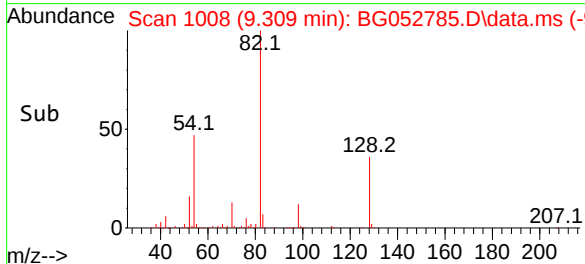
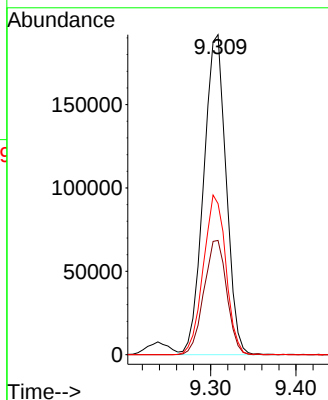
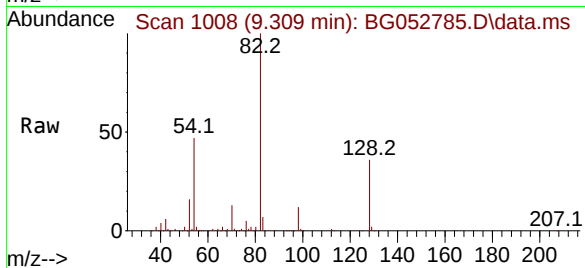
Tgt Ion:	82	Resp:	351450
Ion	Ratio	Lower	Upper
82	100		
128	35.7	31.3	46.9
54	47.2	37.8	56.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#24

Nitrobenzene

Concen: 50.293 ng

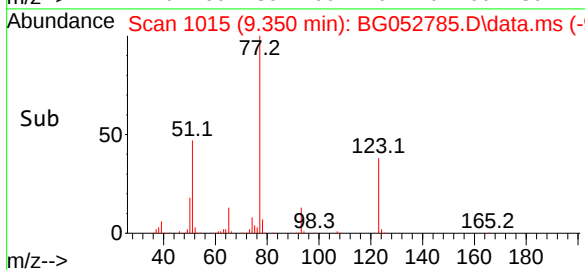
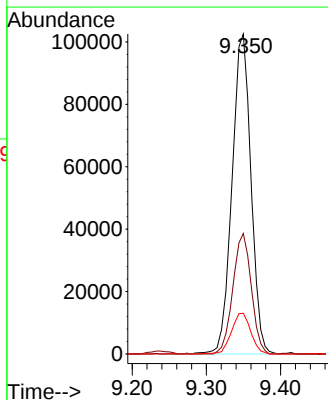
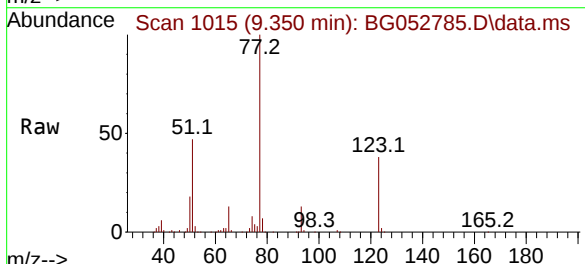
RT: 9.350 min Scan# 1015

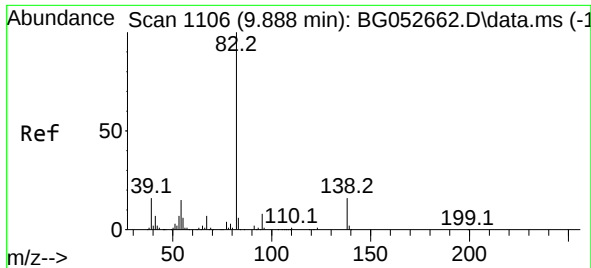
Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Tgt Ion:	77	Resp:	181463
Ion	Ratio	Lower	Upper
77	100		
123	37.6	34.4	51.6
65	12.7	11.2	16.8





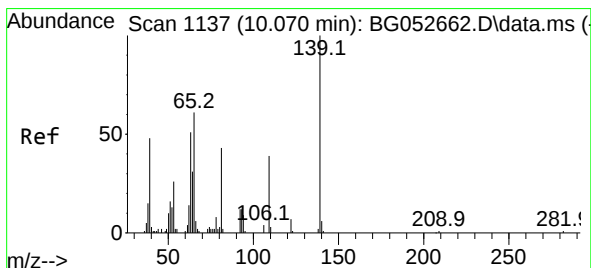
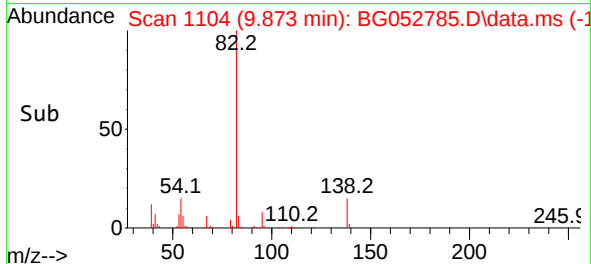
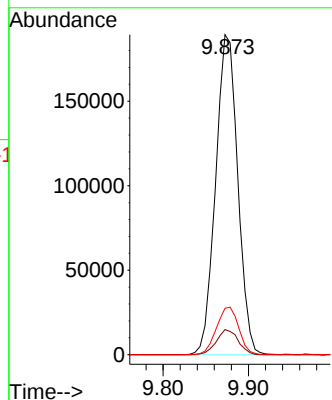
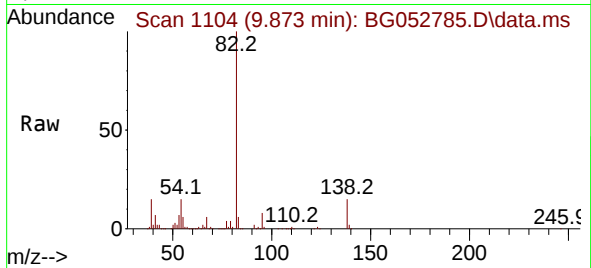
#25
Isophorone
Concen: 48.912 ng
RT: 9.873 min Scan# 1104
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Instrument :
BNA_G
ClientSampleId :
B-3MSD

Tgt Ion: 82 Resp: 34152
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.6
138 14.5 12.6 18.8

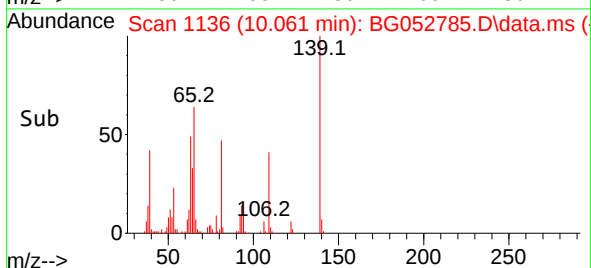
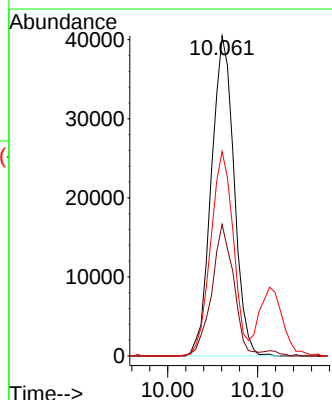
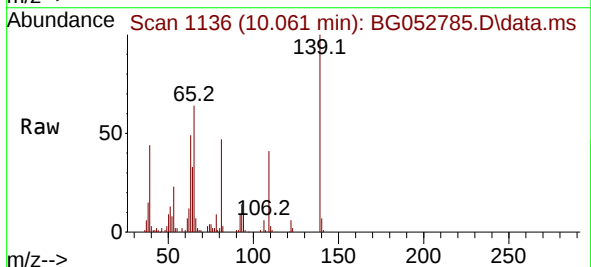
Manual Integrations
APPROVED

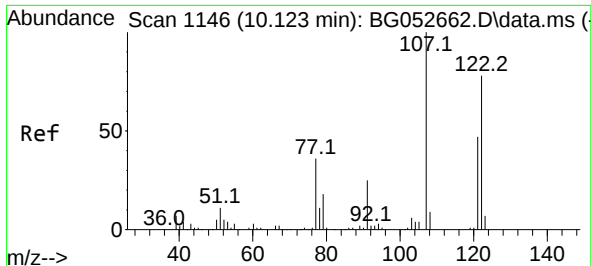
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#26
2-Nitrophenol
Concen: 56.680 ng
RT: 10.061 min Scan# 1136
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Tgt Ion:139 Resp: 71019
Ion Ratio Lower Upper
139 100
109 41.1 29.4 44.0
65 63.9 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 50.737 ng

RT: 10.113 min Scan# 1145

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:122 Resp: 130059

Ion Ratio Lower Upper

122 100

107 132.2 96.7 145.1

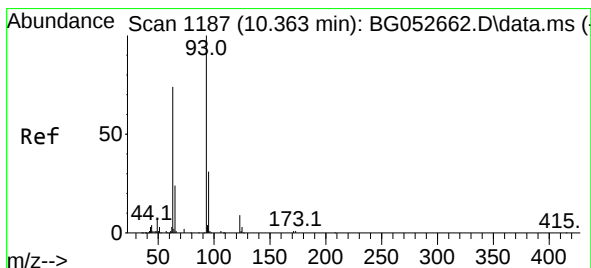
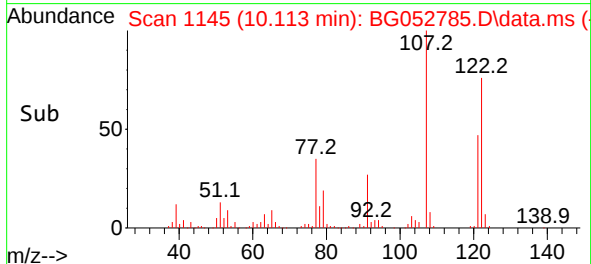
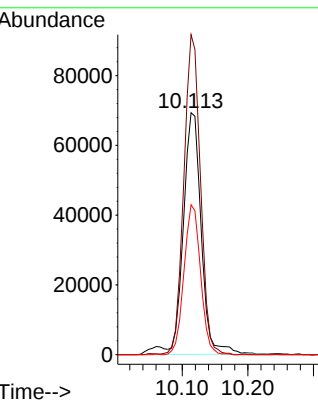
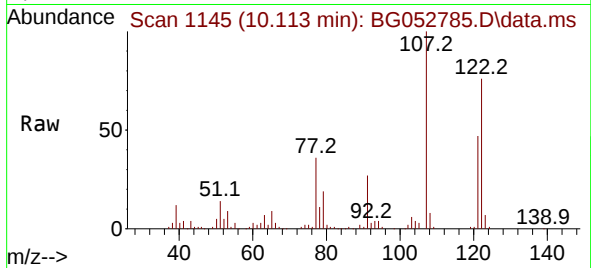
121 62.0 46.3 69.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.559 ng

RT: 10.348 min Scan# 1185

Delta R.T. -0.015 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

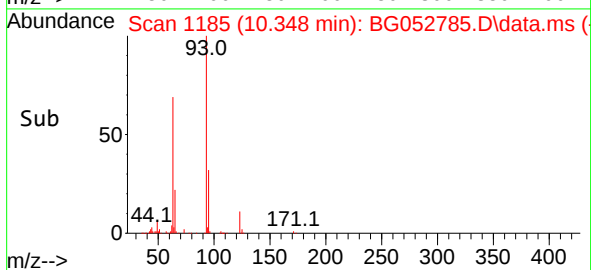
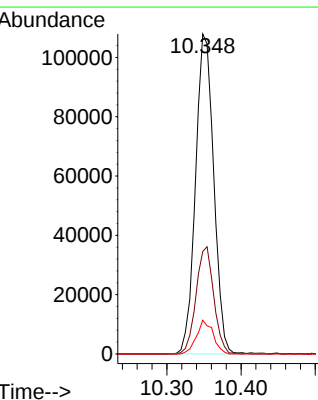
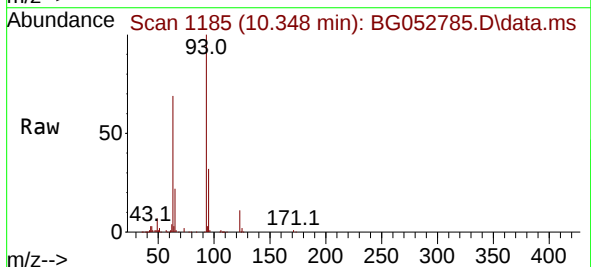
Tgt Ion: 93 Resp: 183970

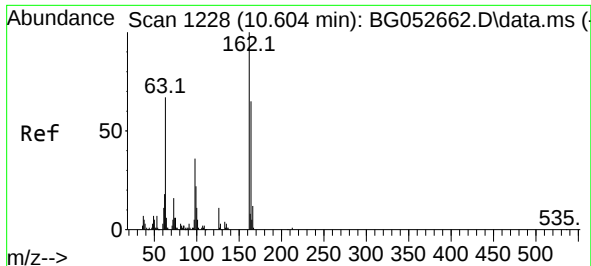
Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.382 ng

RT: 10.601 min Scan# 1228

Delta R.T. -0.003 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:162 Resp: 139554

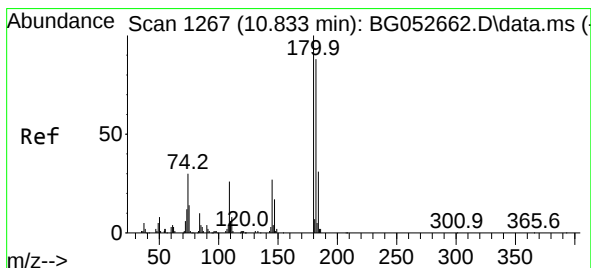
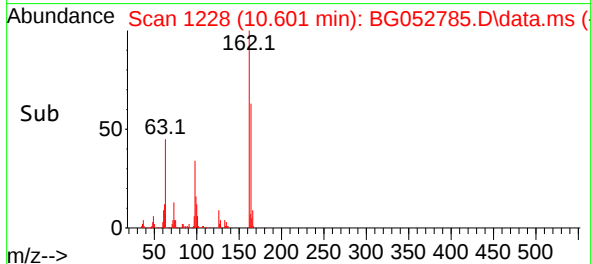
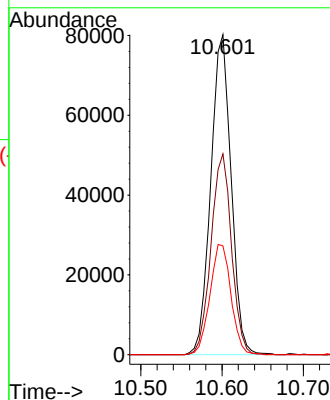
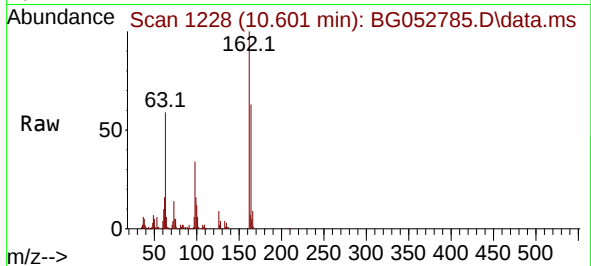
Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.0	84.0
98	34.0	17.3	57.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.541 ng

RT: 10.818 min Scan# 1265

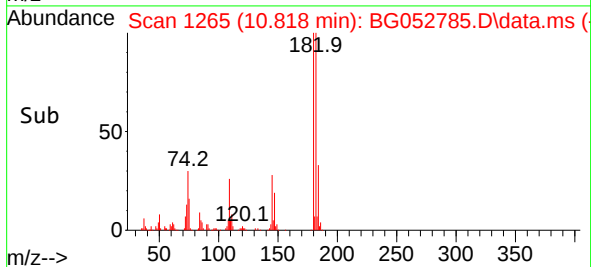
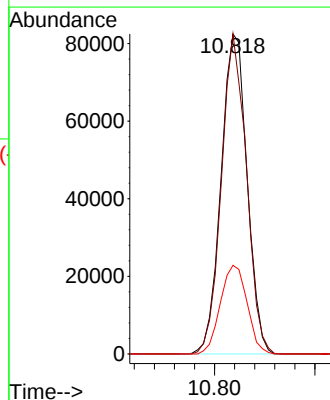
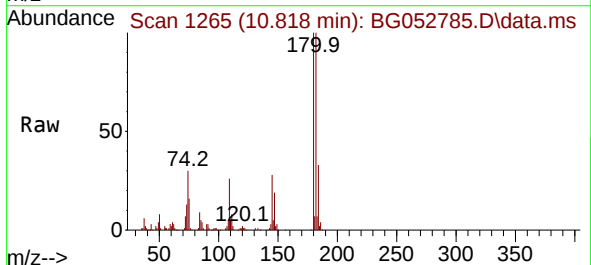
Delta R.T. -0.015 min

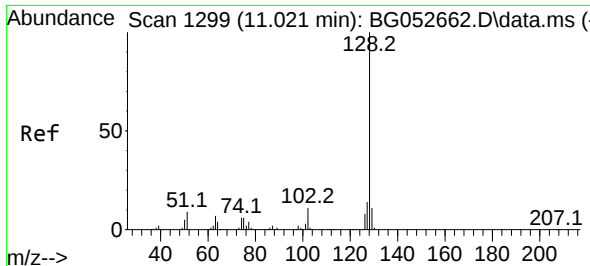
Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Tgt Ion:180 Resp: 148157

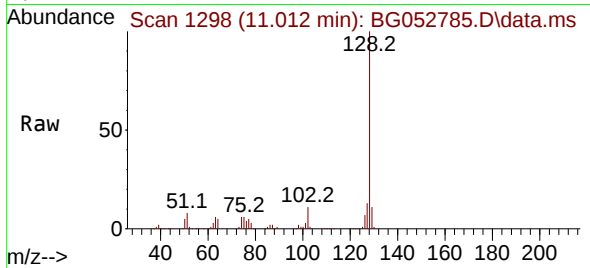
Ion	Ratio	Lower	Upper
180	100		
182	100.0	77.8	116.6
145	27.7	24.4	36.6





#31
Naphthalene
Concen: 44.306 ng
RT: 11.012 min Scan# 11012
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

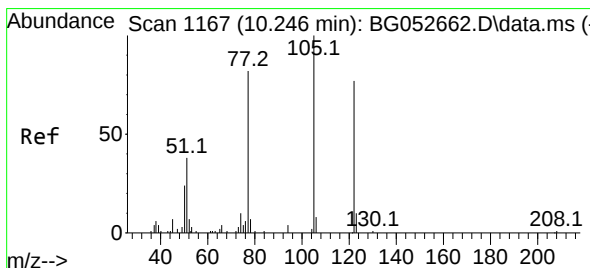
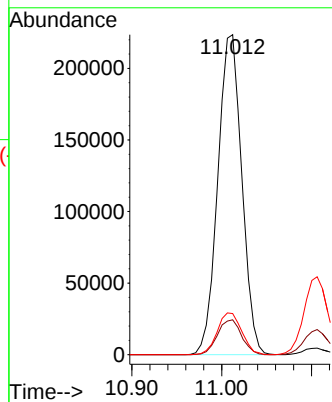
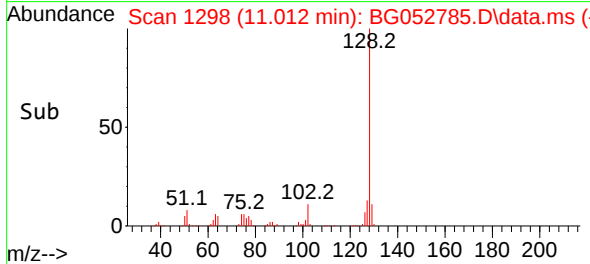
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:128 Resp: 414669
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.5 15.7

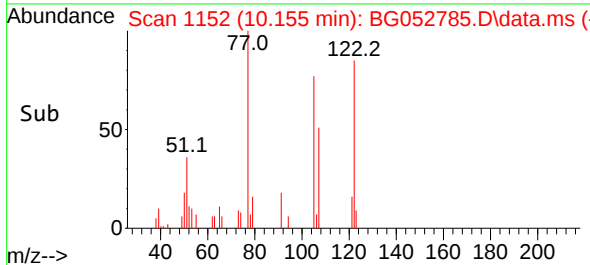
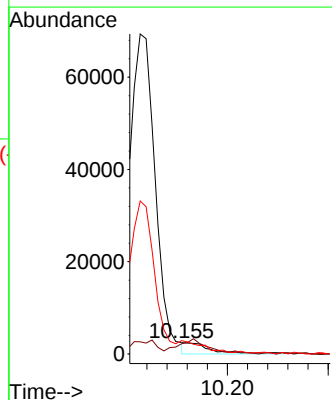
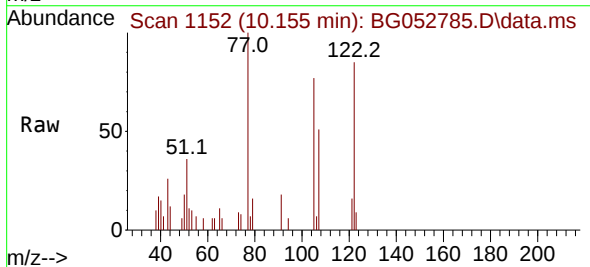
Manual Integrations
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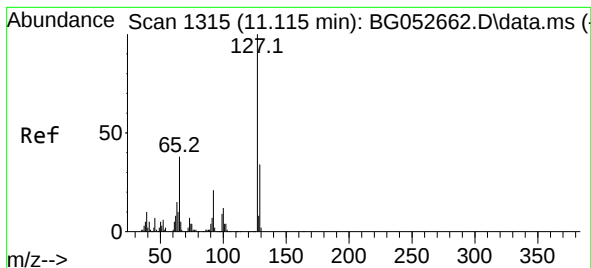
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#32
Benzoic acid
Concen: 7.746 ng m
RT: 10.155 min Scan# 1152
Delta R.T. -0.091 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

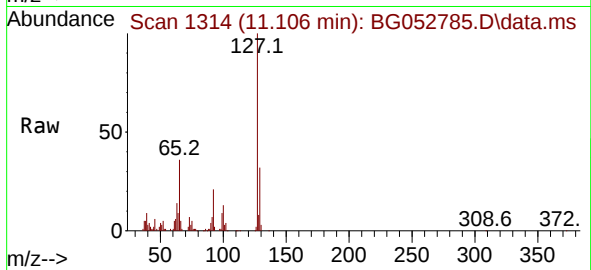
Tgt Ion:122 Resp: 4475
Ion Ratio Lower Upper
122 100
105 89.9 112.8 152.8#
77 117.1 78.4 118.4





#33
4-Chloroaniline
Concen: 25.682 ng
RT: 11.106 min Scan# 1110
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

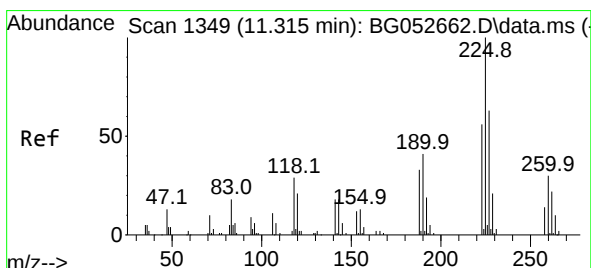
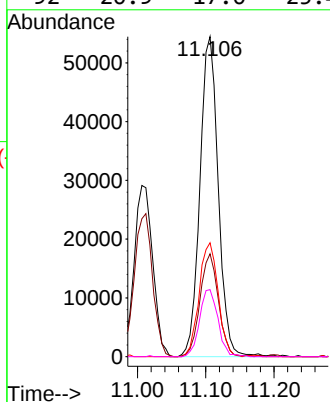
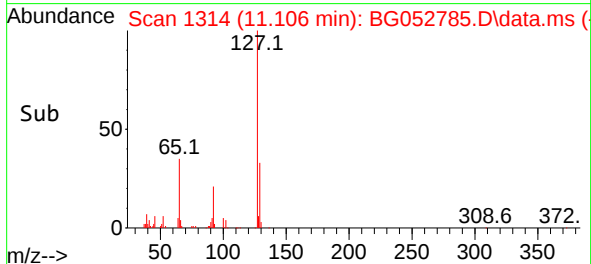
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:127 Resp: 101875
Ion Ratio Lower Upper
127 100
129 32.2 27.6 41.4
65 35.6 28.2 42.4
92 20.9 17.0 25.4

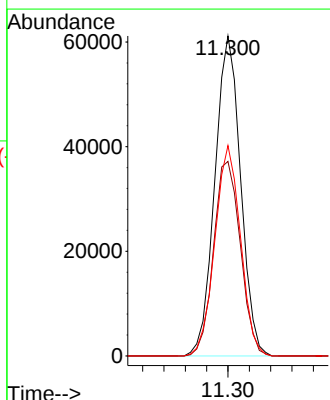
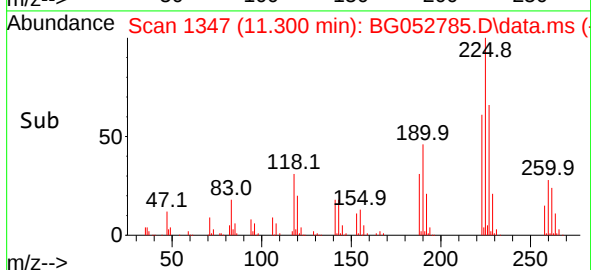
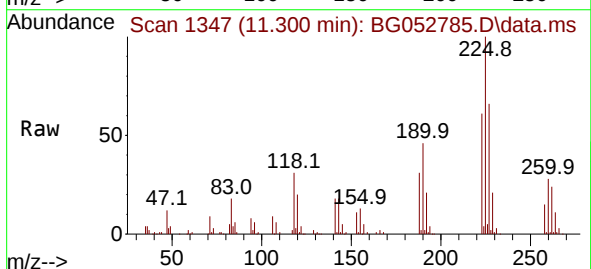
Manual Integrations
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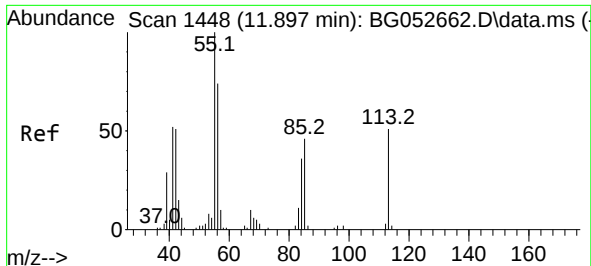
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#34
Hexachlorobutadiene
Concen: 42.000 ng
RT: 11.300 min Scan# 1347
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

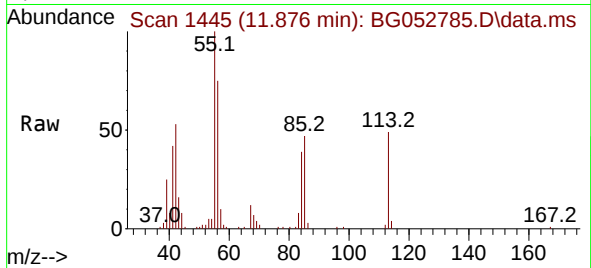
Tgt Ion:225 Resp: 102464
Ion Ratio Lower Upper
225 100
223 60.8 50.2 75.2
227 65.8 52.0 78.0





#35
Caprolactam
Concen: 53.160 ng
RT: 11.876 min Scan# 1448
Delta R.T. -0.021 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

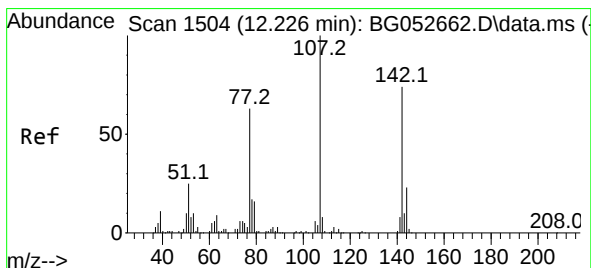
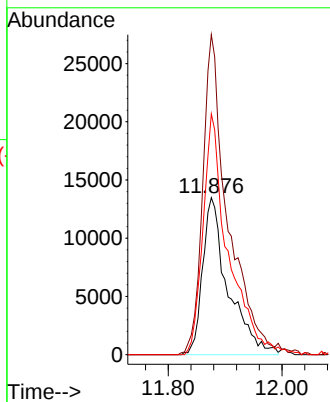
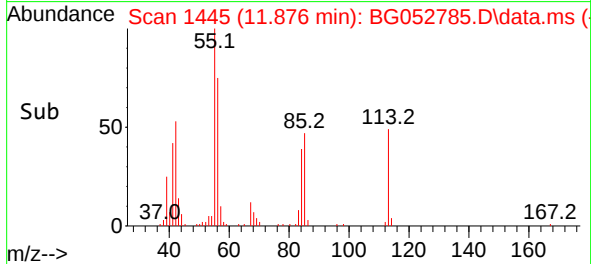
Instrument :
BNA_G
ClientSampleId :
B-3MSD



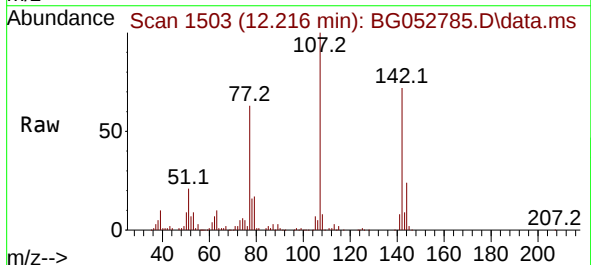
Tgt Ion:113 Resp: 41869
Ion Ratio Lower Upper
113 100
55 203.9 151.3 191.3
56 153.5 128.5 168.5

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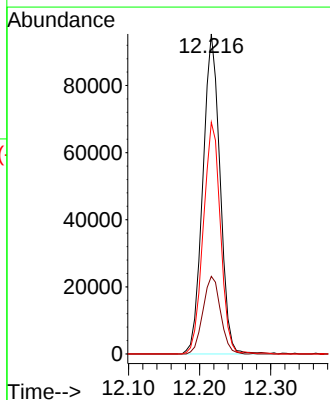
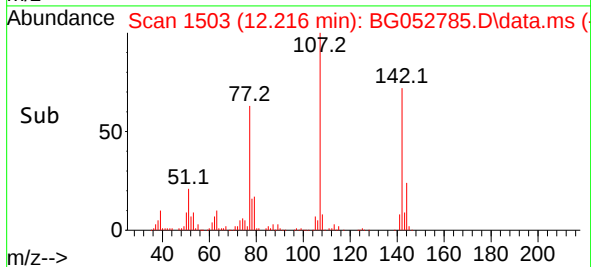
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

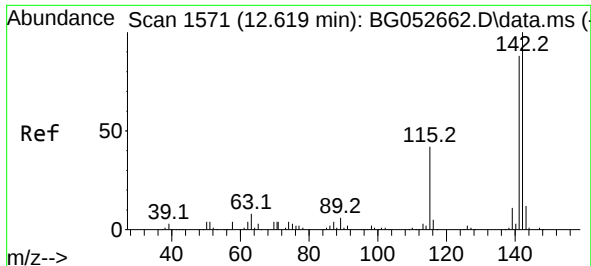


#36
4-Chloro-3-methylphenol
Concen: 47.925 ng
RT: 12.216 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



Tgt Ion:107 Resp: 160526
Ion Ratio Lower Upper
107 100
144 24.3 21.4 32.0
142 72.4 61.7 92.5





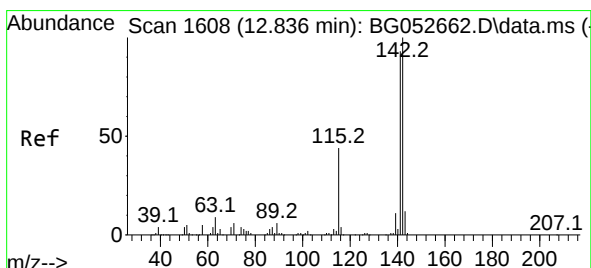
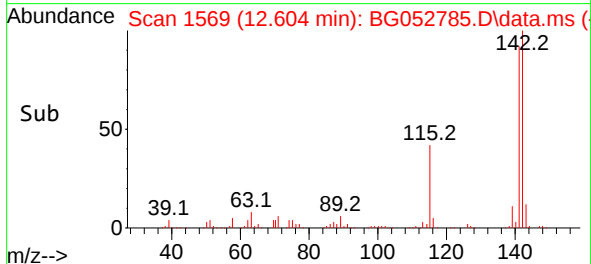
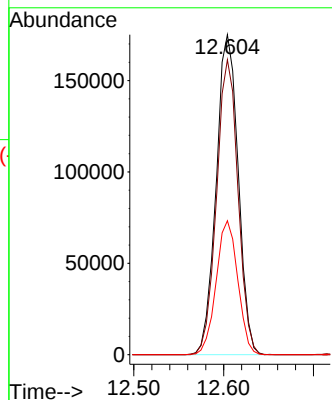
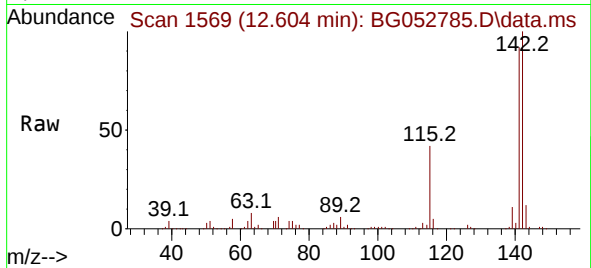
#37
2-Methylnaphthalene
Concen: 43.373 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Instrument :
BNA_G
ClientSampleId :
B-3MSD

Tgt Ion:142 Resp: 29728
Ion Ratio Lower Upper
142 100
141 92.1 71.3 106.9
115 41.9 29.5 44.3

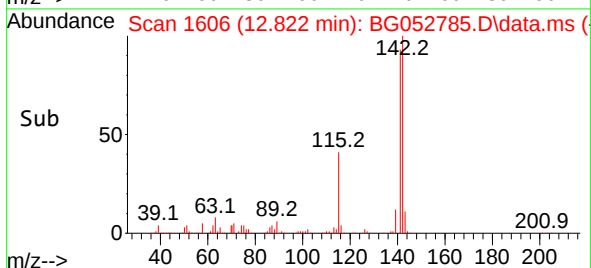
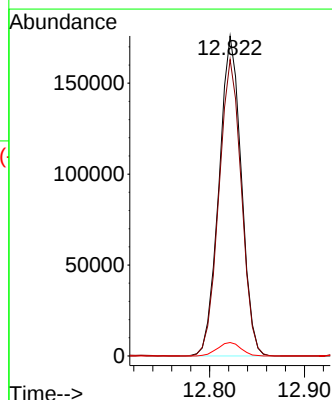
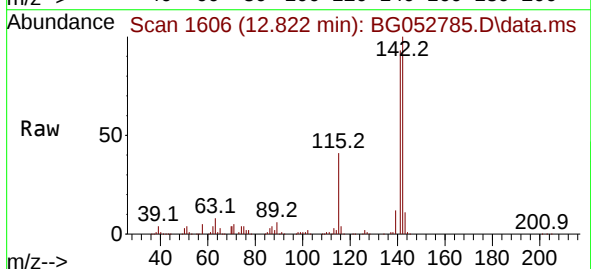
Manual Integrations
APPROVED

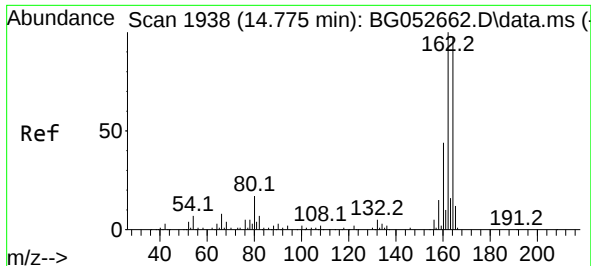
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#38
1-Methylnaphthalene
Concen: 43.027 ng
RT: 12.822 min Scan# 1606
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

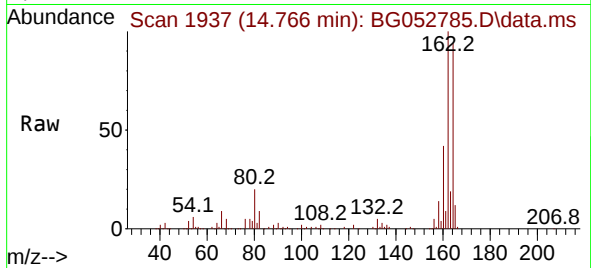
Tgt Ion:142 Resp: 287825
Ion Ratio Lower Upper
142 100
141 92.7 70.5 105.7
116 4.2 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

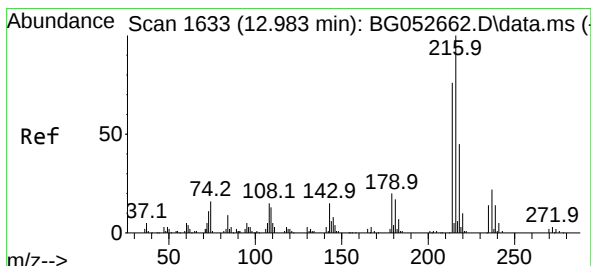
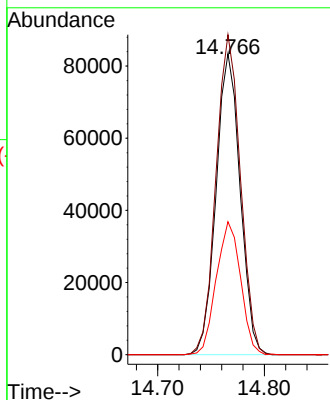
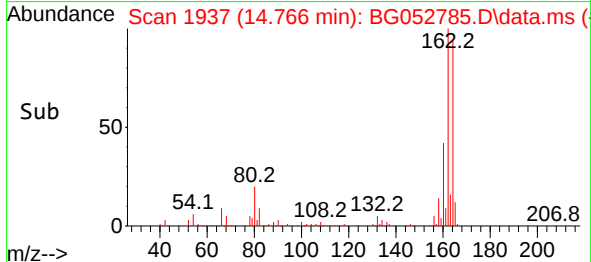
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:164 Resp: 130275
Ion Ratio Lower Upper
164 100
162 106.3 80.0 120.0
160 44.2 38.8 58.2

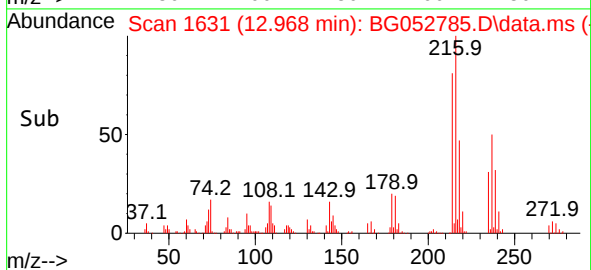
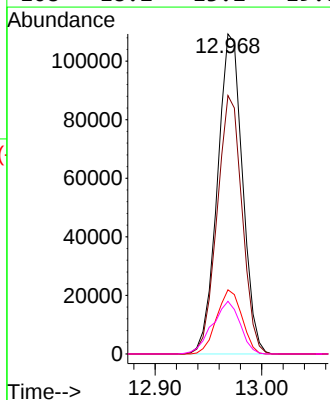
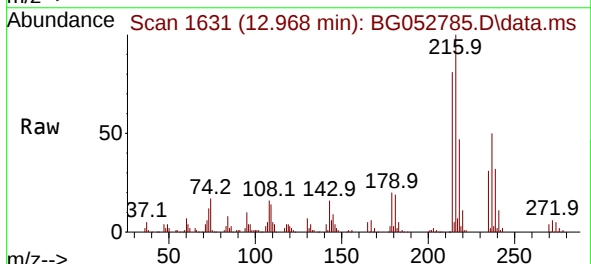
Manual Integrations
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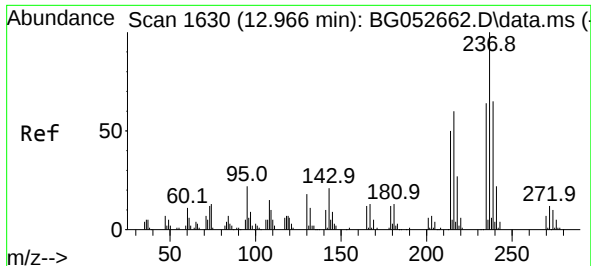
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.783 ng
RT: 12.968 min Scan# 1631
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

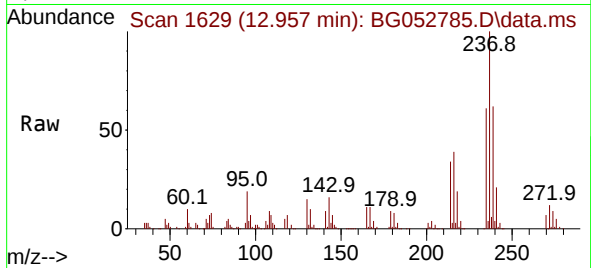
Tgt Ion:216 Resp: 178201
Ion Ratio Lower Upper
216 100
214 80.4 63.8 95.6
179 20.2 15.7 23.5
108 18.2 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 81.815 ng
RT: 12.957 min Scan# 1629
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

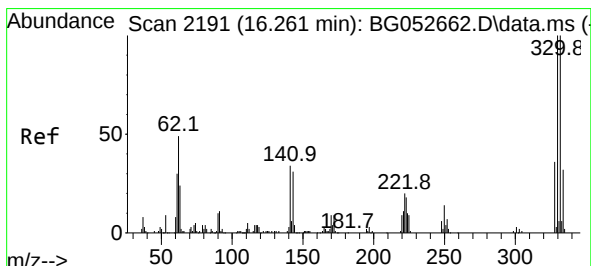
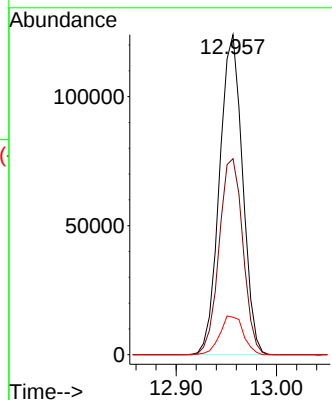
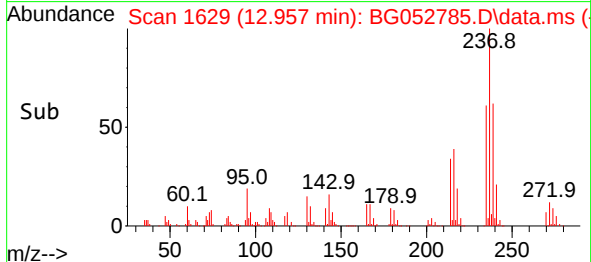
Instrument :
BNA_G
ClientSampleId :
B-3MSD



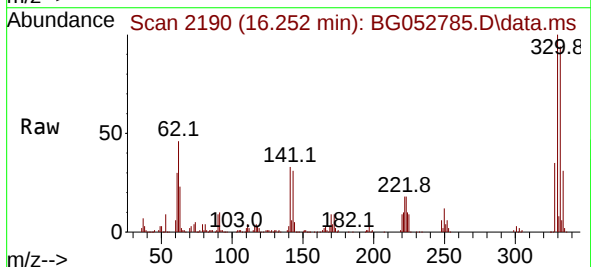
Tgt Ion:237 Resp: 19738
Ion Ratio Lower Upper
237 100
235 61.2 37.7 77.7
272 11.7 0.0 30.7

Manual Integrations
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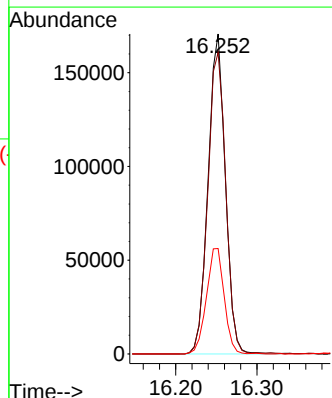
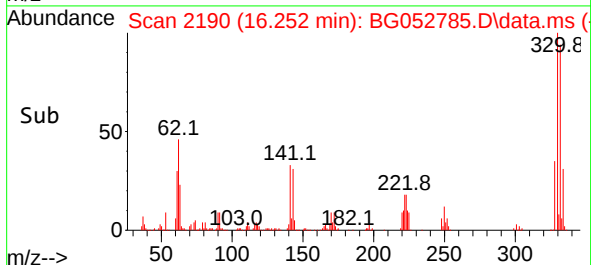
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

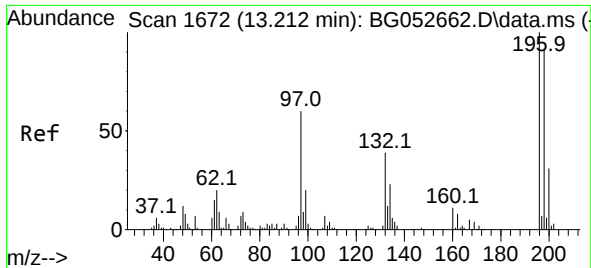


#42
2,4,6-Tribromophenol
Concen: 143.654 ng
RT: 16.252 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



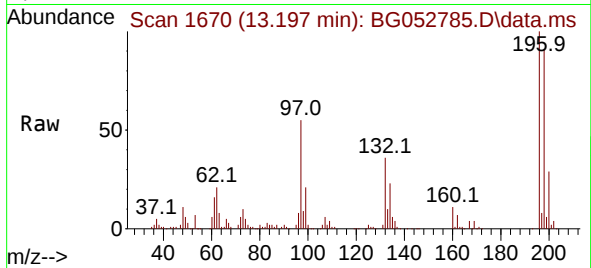
Tgt Ion:330 Resp: 251473
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 34.0 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 50.240 ng
RT: 13.197 min Scan# 1670
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

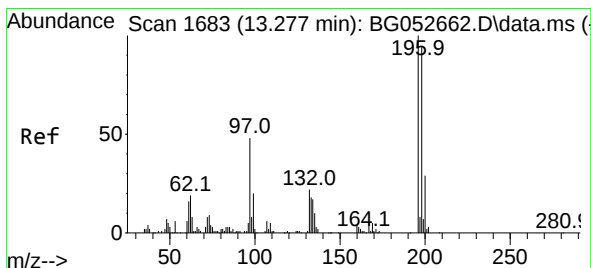
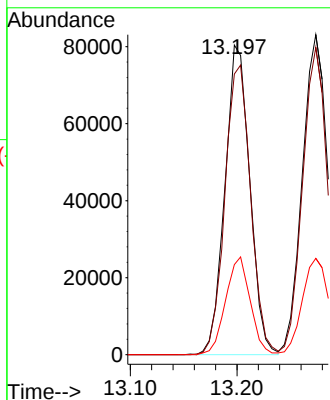
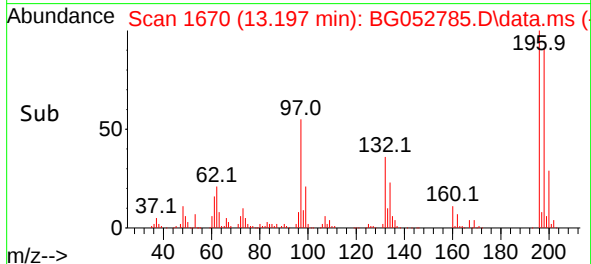
Instrument :
BNA_G
ClientSampleId :
B-3MSD



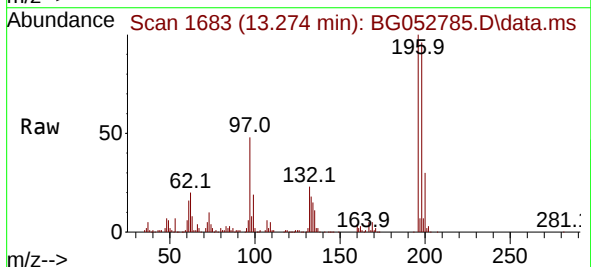
Tgt Ion:196 Resp: 130948
Ion Ratio Lower Upper
196 100
198 90.7 78.8 118.2
200 29.1 25.1 37.7

Manual Integrations
APPROVED

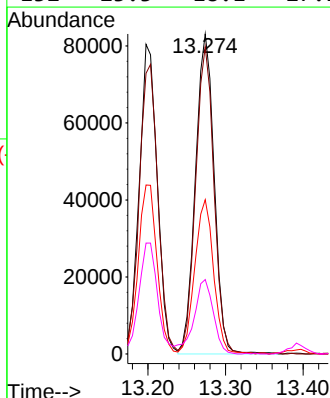
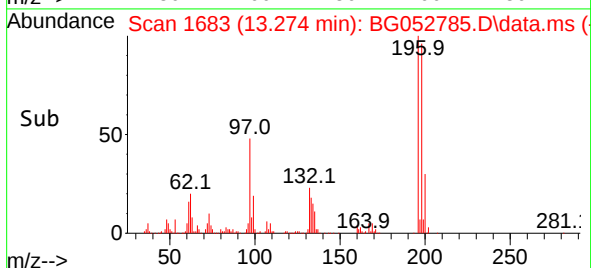
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

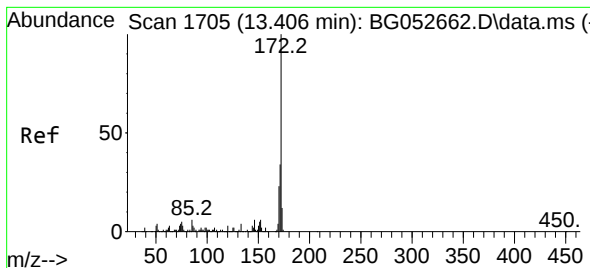


#44
2,4,5-Trichlorophenol
Concen: 52.785 ng
RT: 13.274 min Scan# 1683
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



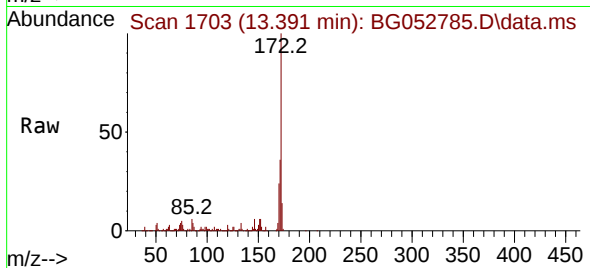
Tgt Ion:196 Resp: 139646
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.6
97 48.2 36.5 54.7
132 23.3 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 86.477 ng
RT: 13.391 min Scan# 1703
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

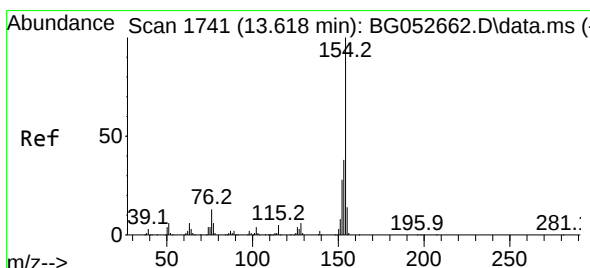
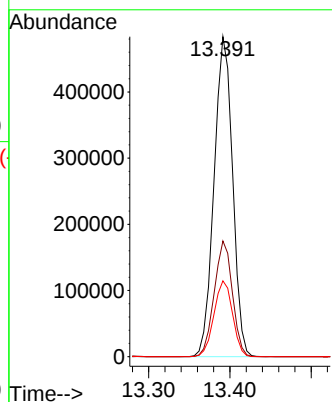
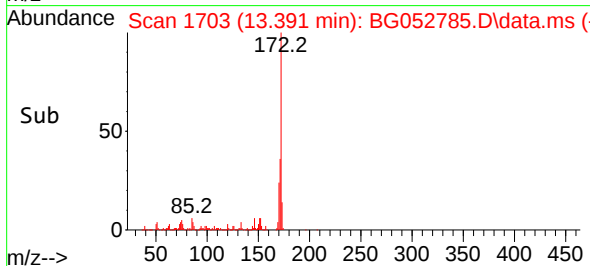
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:172 Resp: 763860
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.0 27.0

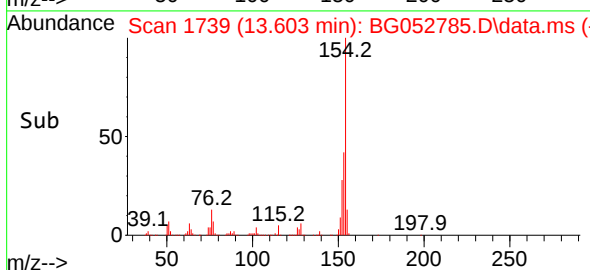
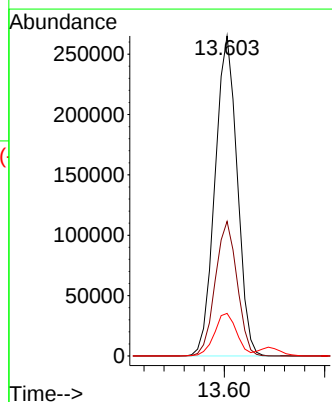
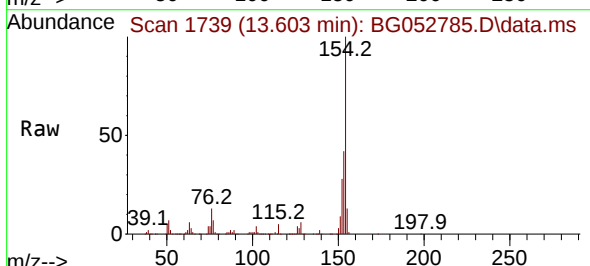
Manual Integrations
APPROVED

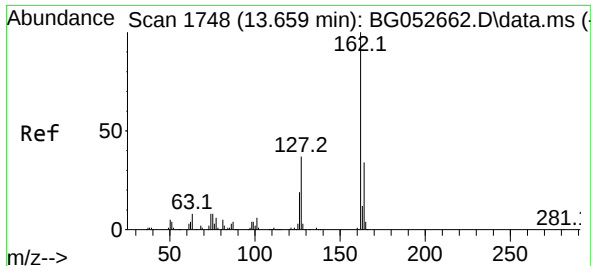
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#46
1,1'-Biphenyl
Concen: 44.584 ng
RT: 13.603 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

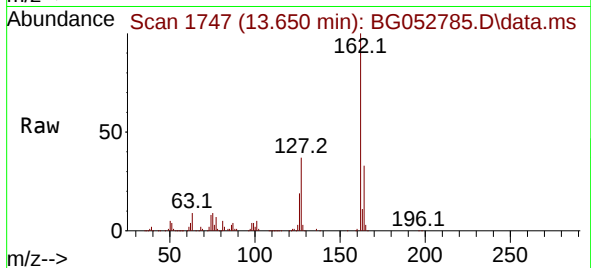
Tgt Ion:154 Resp: 406190
Ion Ratio Lower Upper
154 100
153 42.0 21.6 61.6
76 13.3 0.0 31.5





#47
2-Chloronaphthalene
Concen: 44.866 ng
RT: 13.650 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

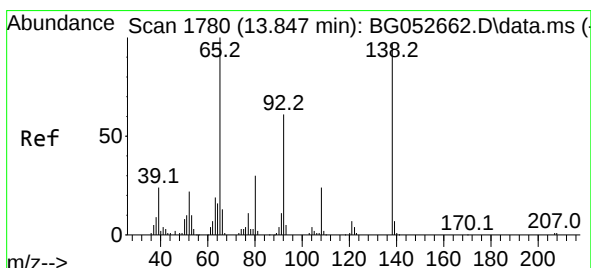
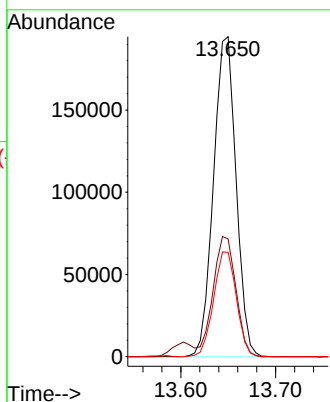
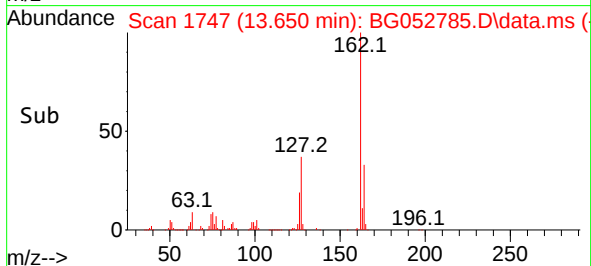
Instrument :
BNA_G
ClientSampleId :
B-3MSD



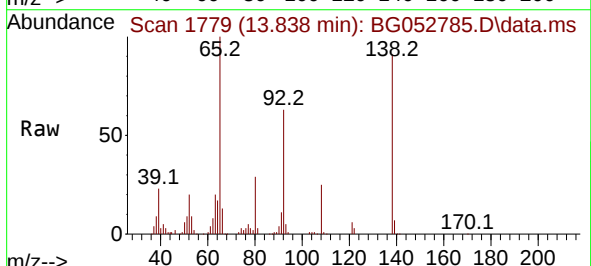
Tgt Ion:162 Resp: 32190
Ion Ratio Lower Upper
162 100
127 36.8 28.1 42.1
164 32.6 26.0 39.0

Manual Integrations
APPROVED

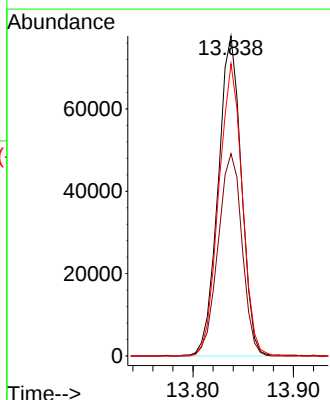
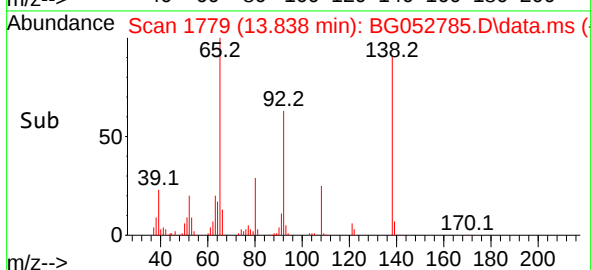
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

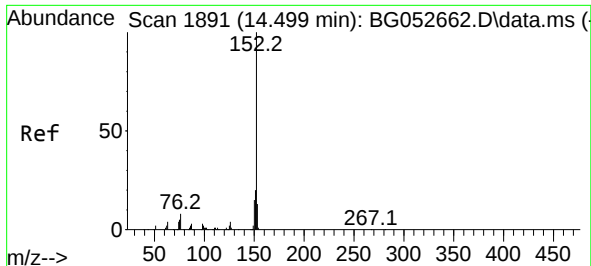


#48
2-Nitroaniline
Concen: 63.556 ng
RT: 13.838 min Scan# 1779
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



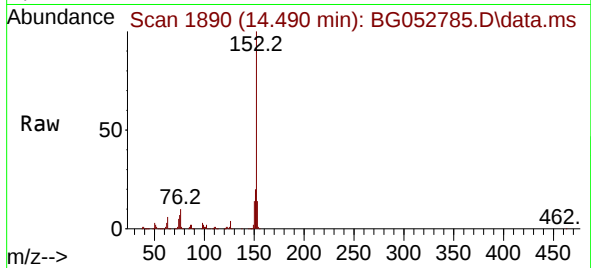
Tgt Ion: 65 Resp: 124710
Ion Ratio Lower Upper
65 100
92 63.2 52.1 78.1
138 91.4 80.1 120.1





#49
Acenaphthylene
Concen: 48.042 ng
RT: 14.490 min Scan# 1890
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

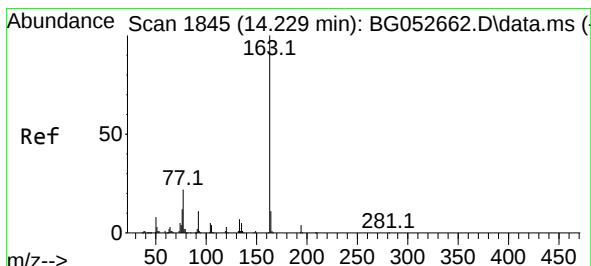
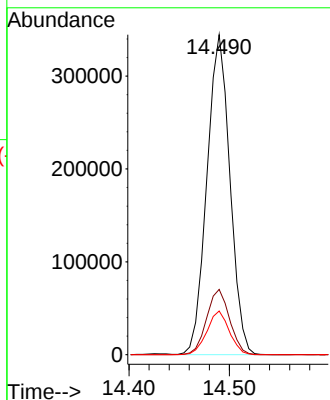
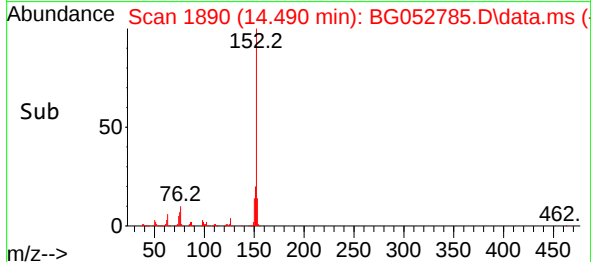
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:152 Resp: 549464
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.6 10.6 15.8

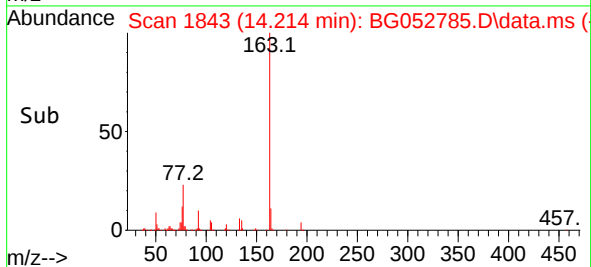
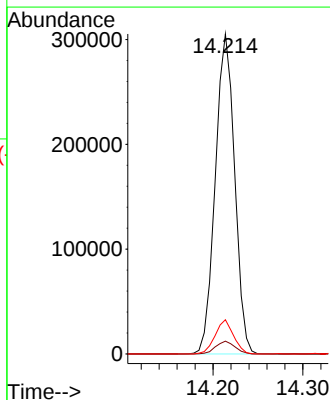
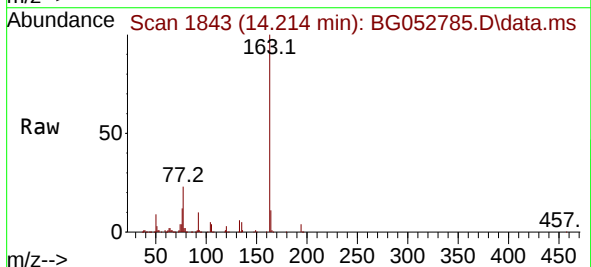
Manual Integrations
APPROVED

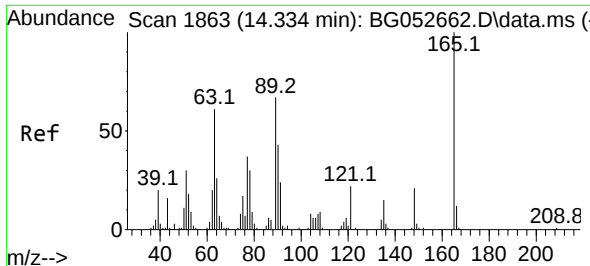
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#50
Dimethylphthalate
Concen: 47.185 ng
RT: 14.214 min Scan# 1843
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Tgt Ion:163 Resp: 456855
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.5 12.7





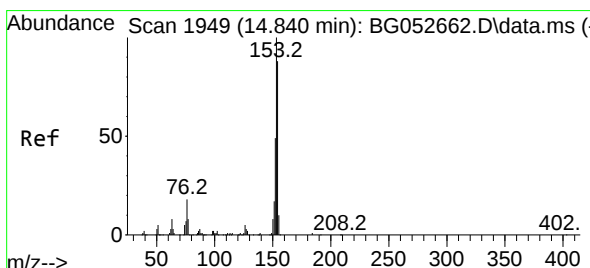
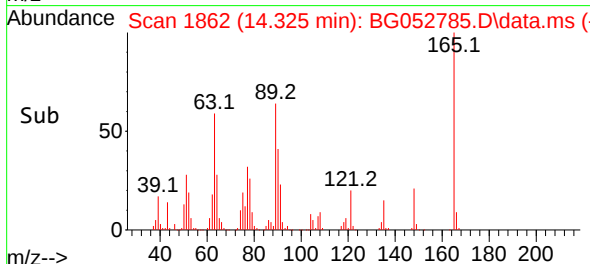
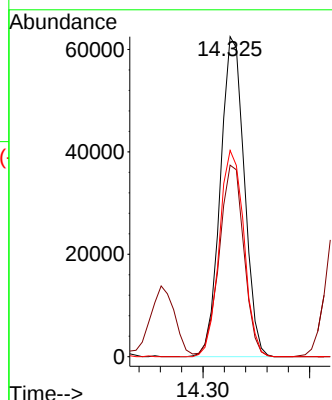
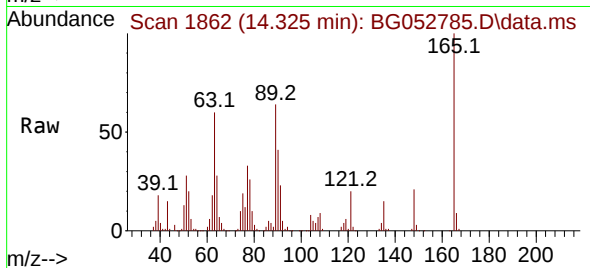
#51
2,6-Dinitrotoluene
Concen: 59.393 ng
RT: 14.325 min Scan# 1862
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Instrument :
BNA_G
ClientSampleId :
B-3MSD

Tgt Ion:165 Resp: 97090
Ion Ratio Lower Upper
165 100
63 59.8 43.7 65.5
89 64.4 45.0 67.4

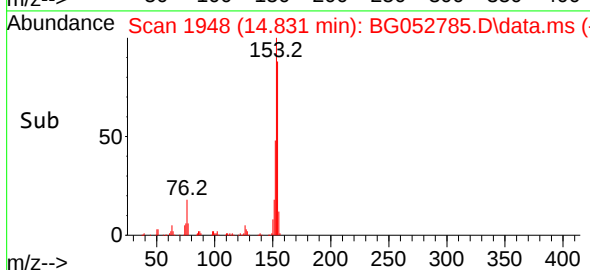
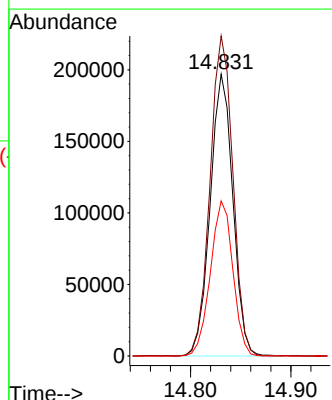
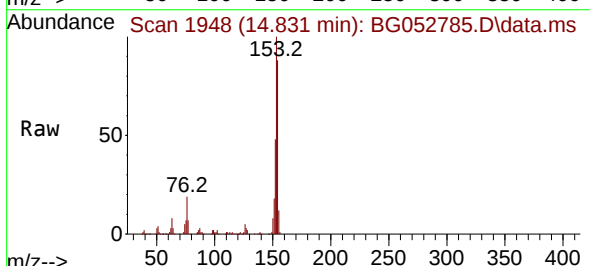
Manual Integrations
APPROVED

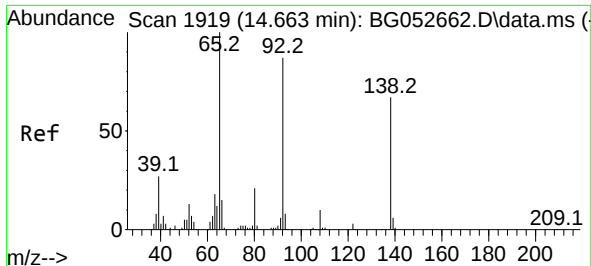
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#52
Acenaphthene
Concen: 42.231 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

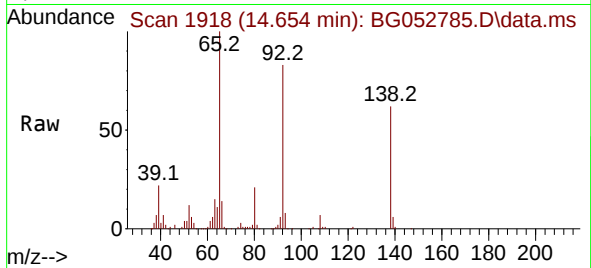
Tgt Ion:154 Resp: 309430
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.4
152 55.0 40.5 60.7





#53
3-Nitroaniline
Concen: 46.232 ng
RT: 14.654 min Scan# 1918
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

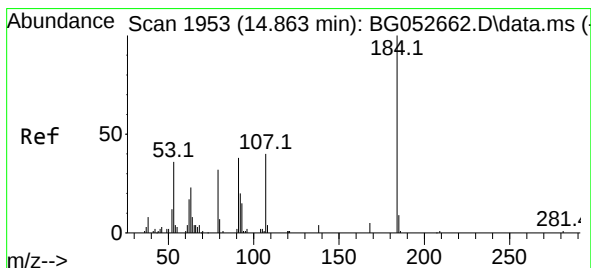
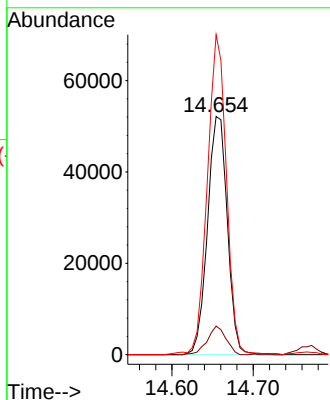
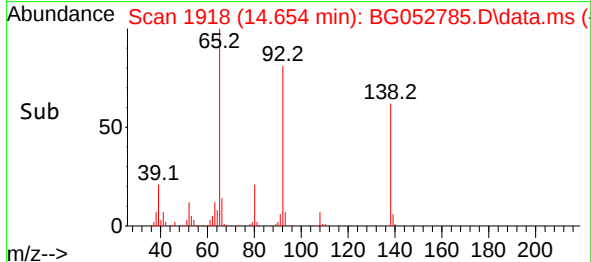
Instrument :
BNA_G
ClientSampleId :
B-3MSD



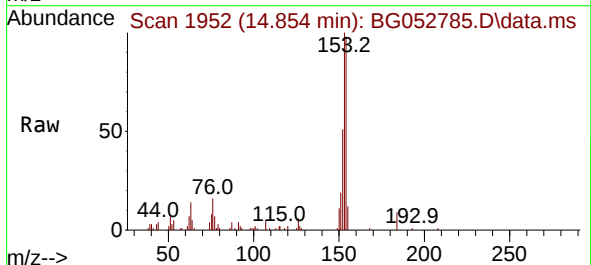
Tgt Ion:138 Resp: 88436
Ion Ratio Lower Upper
138 100
108 12.1 8.0 12.0
92 134.3 96.2 144.2

Manual Integrations
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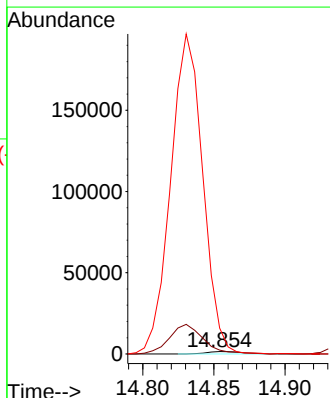
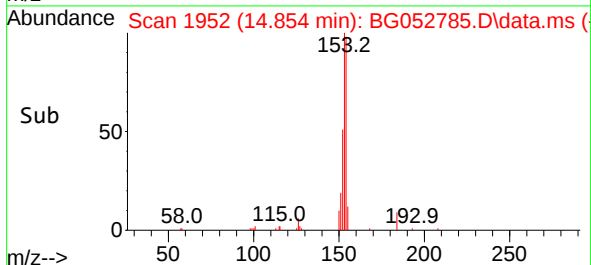
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

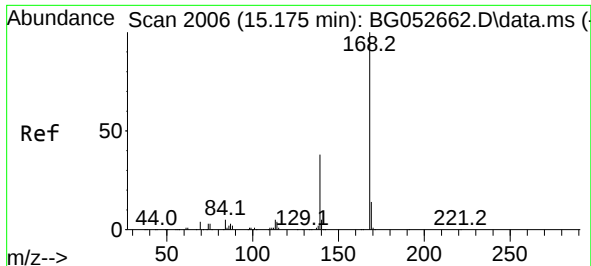


#54
2,4-Dinitrophenol
Concen: 2.890 ng
RT: 14.854 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



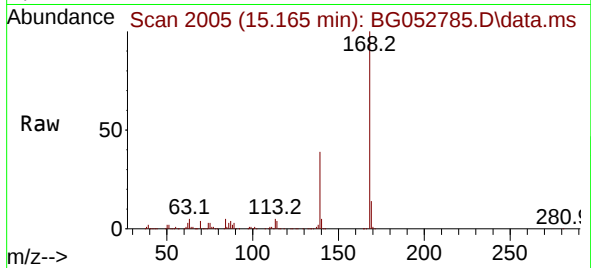
Tgt Ion:184 Resp: 2575
Ion Ratio Lower Upper
184 100
63 160.0 51.8 77.6#
154 1083.6 47.8 71.6#





#55
Dibenzenofuran
Concen: 43.732 ng
RT: 15.165 min Scan# 2006
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

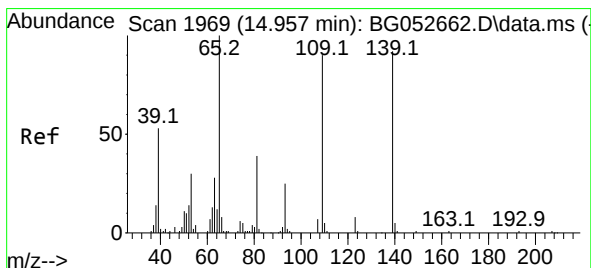
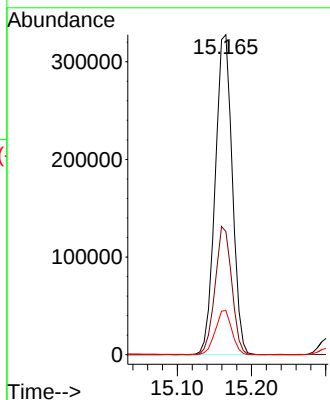
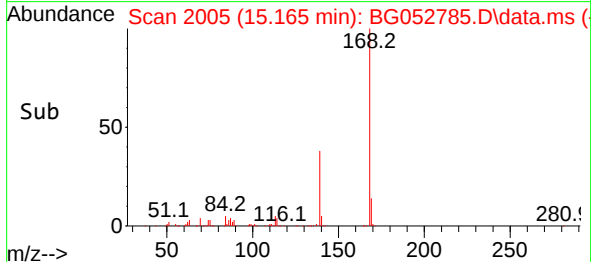
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:168 Resp: 52328
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.8 10.7 16.1

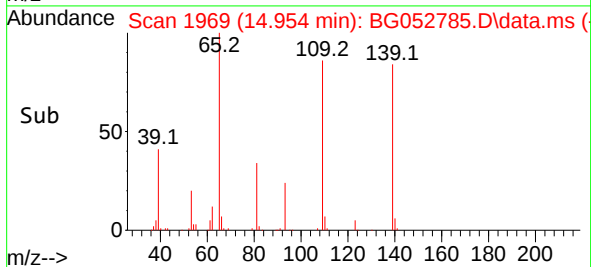
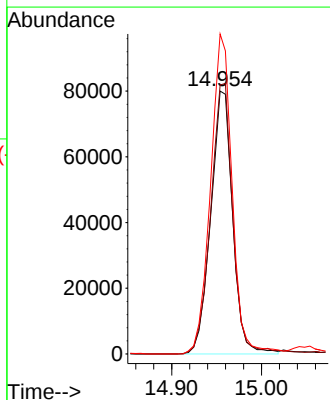
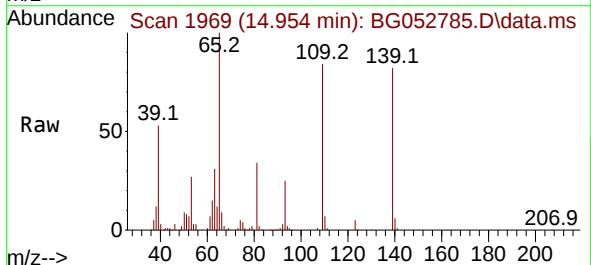
Manual Integrations
APPROVED

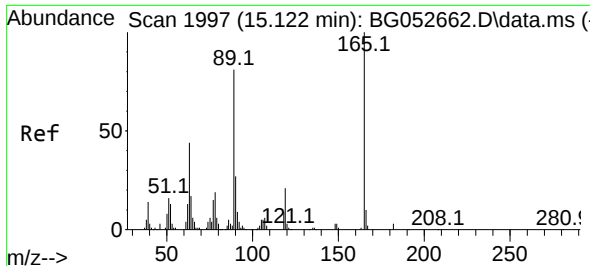
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#56
4-Nitrophenol
Concen: 86.640 ng
RT: 14.954 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

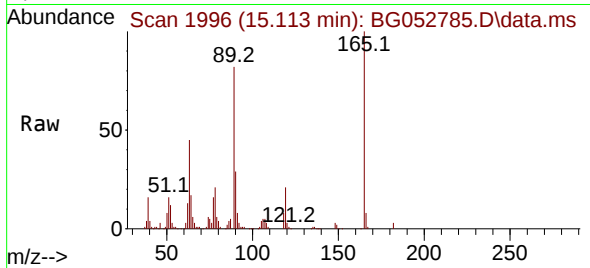
Tgt Ion:139 Resp: 135190
Ion Ratio Lower Upper
139 100
109 102.4 67.1 107.1
65 121.8 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 58.494 ng
RT: 15.113 min Scan# 1996
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

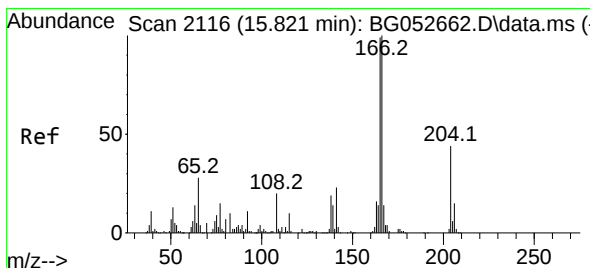
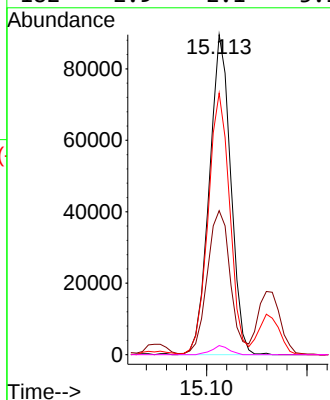
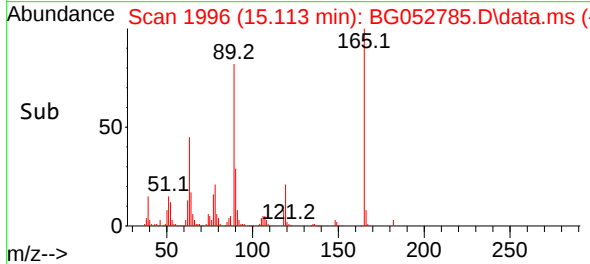
Instrument :
BNA_G
ClientSampleId :
B-3MSD



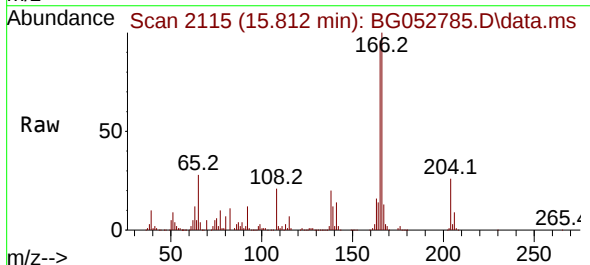
Tgt Ion:165 Resp: 132679
Ion Ratio Lower Upper
165 100
63 45.0 34.8 52.2
89 81.8 57.4 86.0
182 2.9 2.1 3.1

Manual Integrations
APPROVED

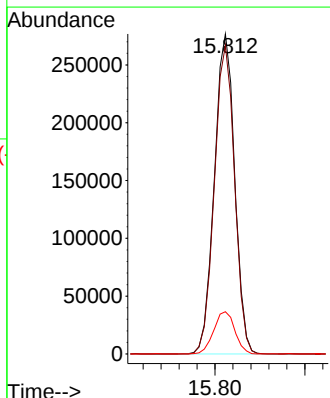
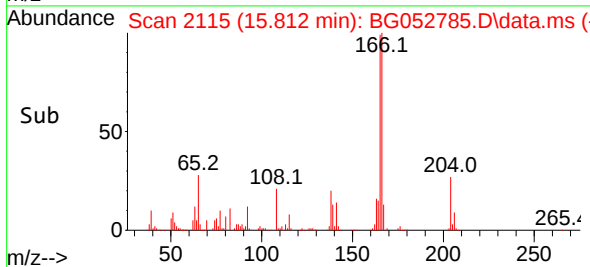
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

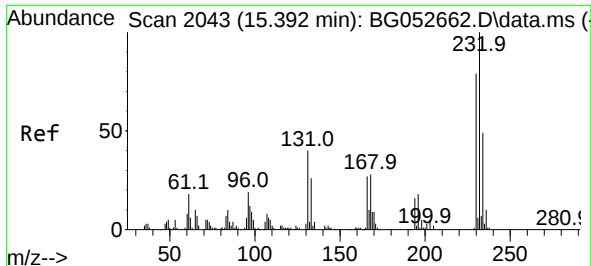


#58
Fluorene
Concen: 44.517 ng
RT: 15.812 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



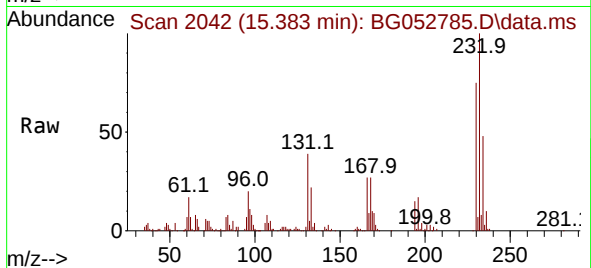
Tgt Ion:166 Resp: 434207
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.674 ng
RT: 15.383 min Scan# 2042
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

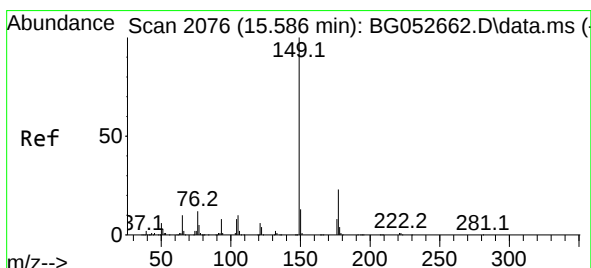
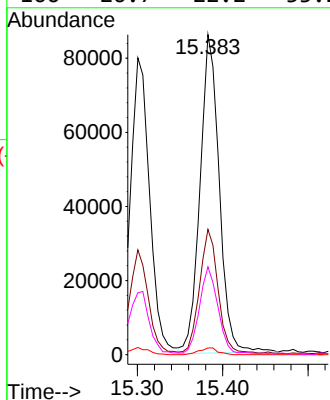
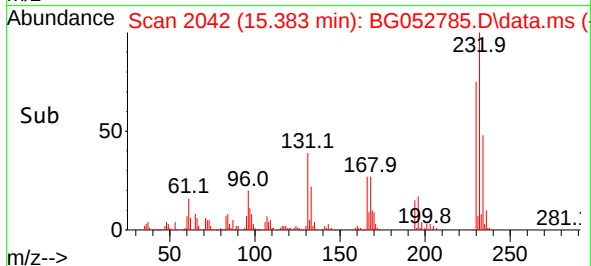
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:232 Resp: 134810
Ion Ratio Lower Upper
232 100
131 37.6 30.1 45.1
130 2.1 1.8 2.8
166 26.7 22.2 33.2

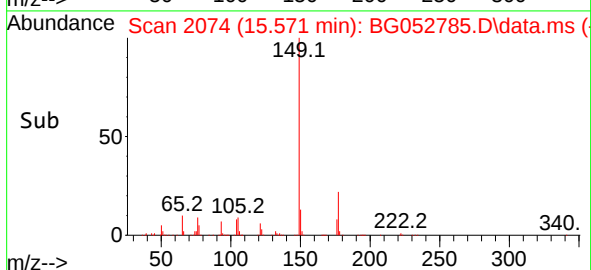
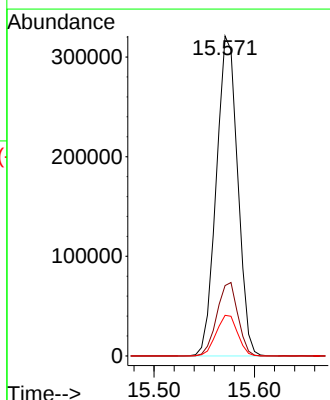
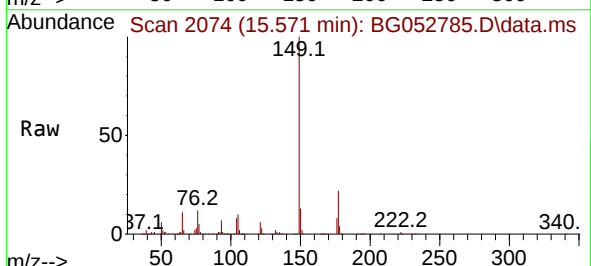
Manual Integrations
APPROVED

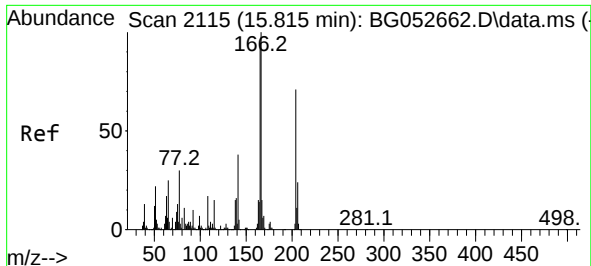
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#60
Diethylphthalate
Concen: 46.347 ng
RT: 15.571 min Scan# 2074
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

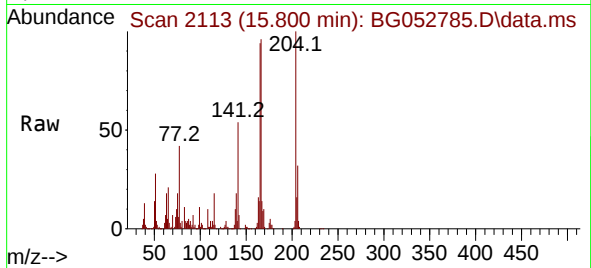
Tgt Ion:149 Resp: 473679
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.930 ng
RT: 15.800 min Scan# 2115
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

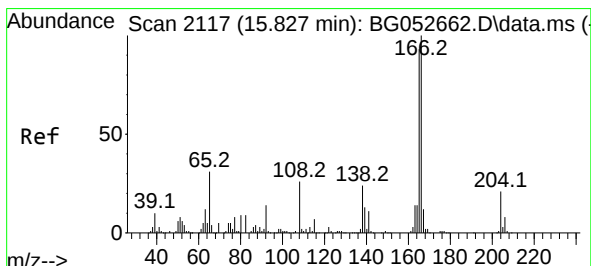
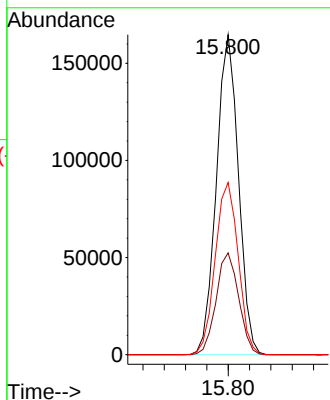
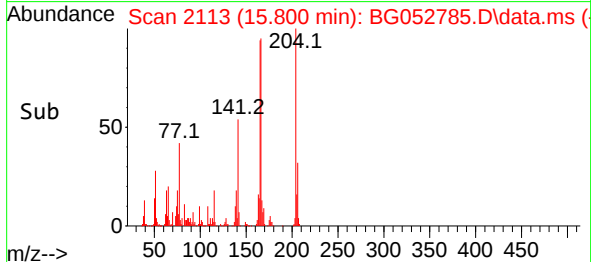
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:204 Resp: 236304
Ion Ratio Lower Upper
204 100
206 31.8 28.3 42.5
141 53.8 45.8 68.8

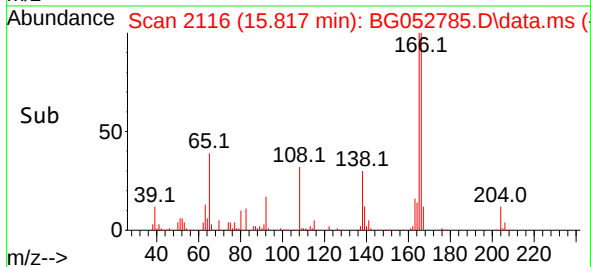
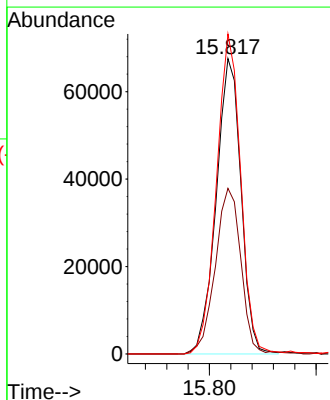
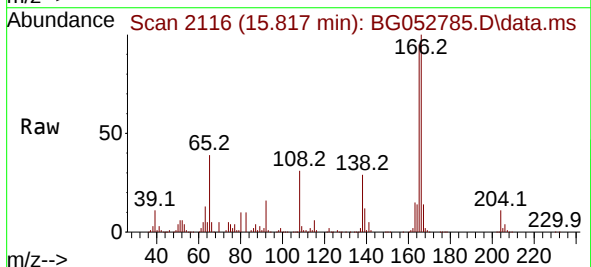
Manual Integrations
APPROVED

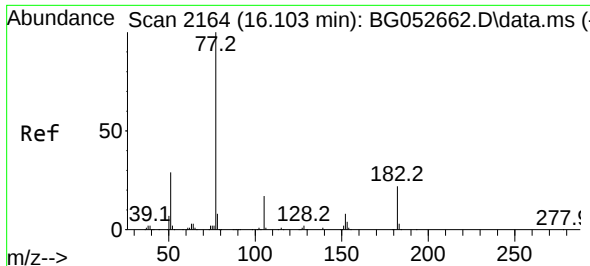
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#62
4-Nitroaniline
Concen: 53.881 ng
RT: 15.817 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

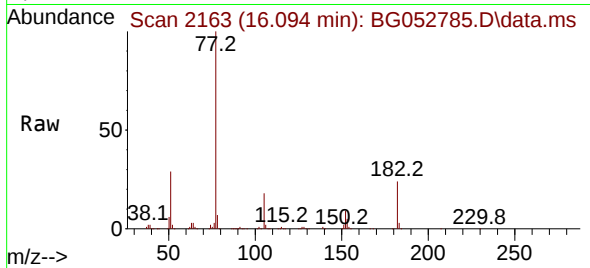
Tgt Ion:138 Resp: 108906
Ion Ratio Lower Upper
138 100
92 56.1 33.3 73.3
108 108.4 74.2 114.2





#63
Azobenzene
Concen: 43.270 ng
RT: 16.094 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

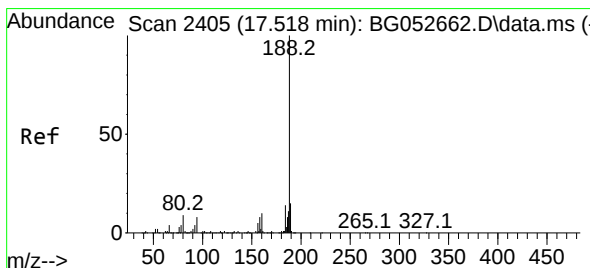
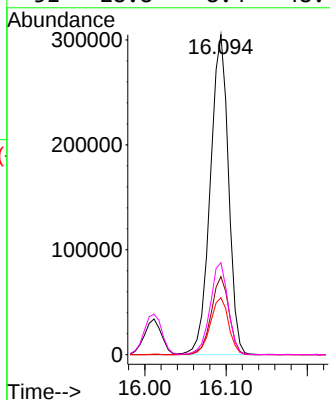
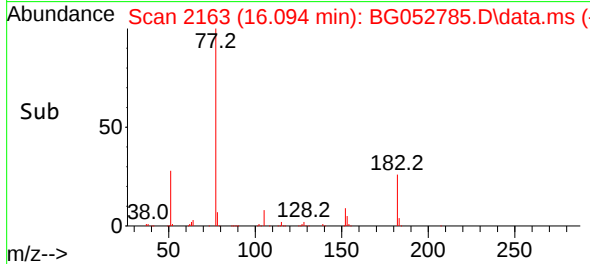
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion: 77 Resp: 472670
Ion Ratio Lower Upper
77 100
182 24.4 5.6 45.6
105 17.8 0.0 38.8
51 28.8 8.4 48.4

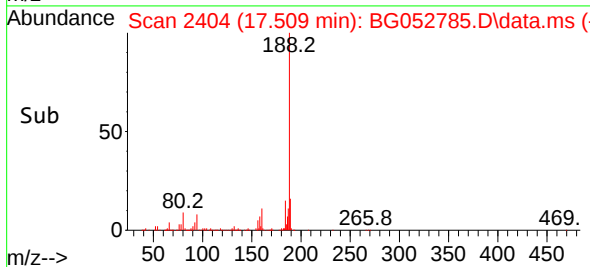
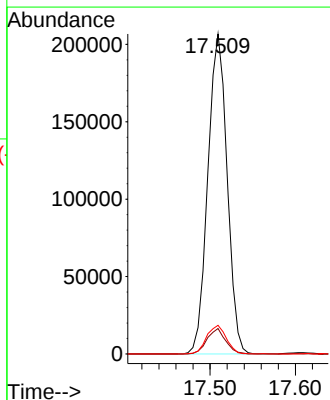
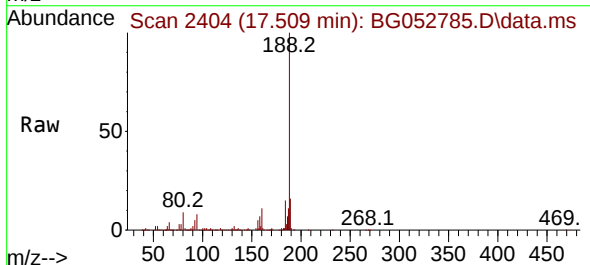
Manual Integrations
APPROVED

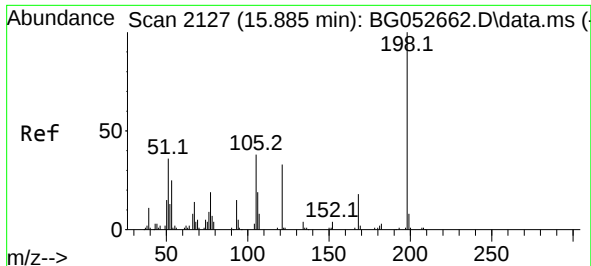
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

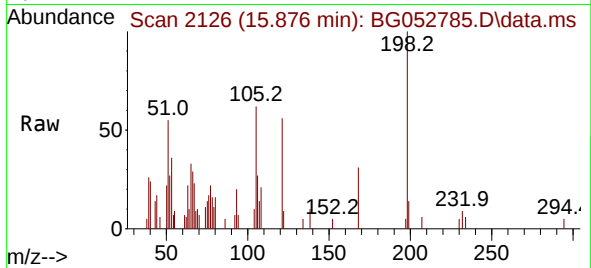
Tgt Ion:188 Resp: 324890
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 8.9 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 3.524 ng
RT: 15.876 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

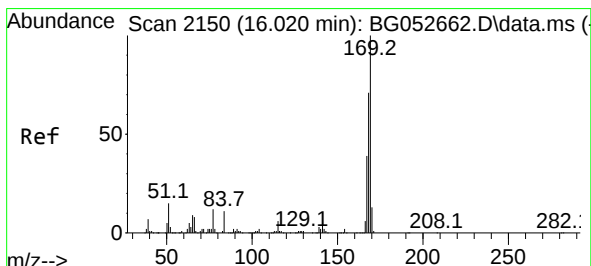
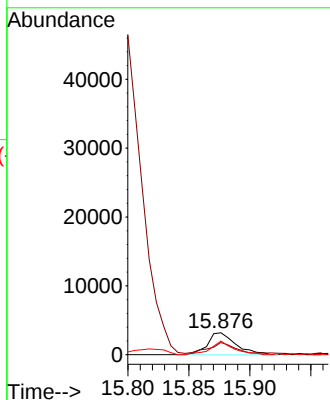
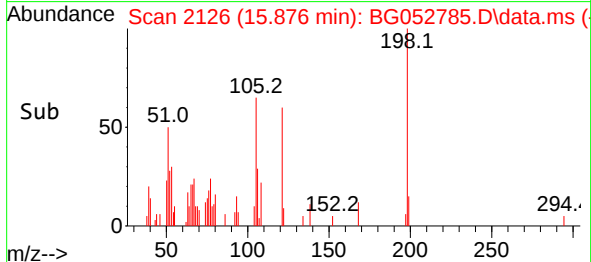
Instrument :
BNA_G
ClientSampleId :
B-3MSD



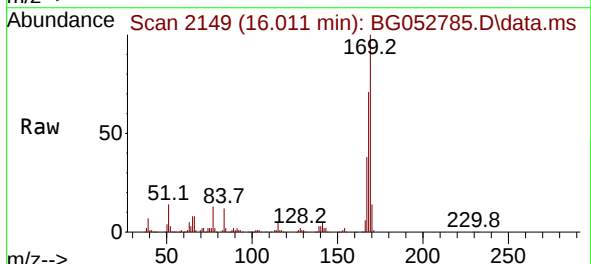
Tgt Ion:198 Resp: 5104
Ion Ratio Lower Upper
198 100
51 55.2 21.7 61.7
105 62.0 20.8 60.8

Manual Integrations
APPROVED

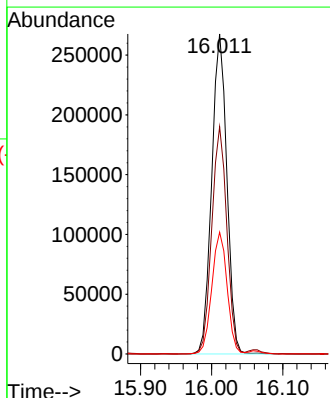
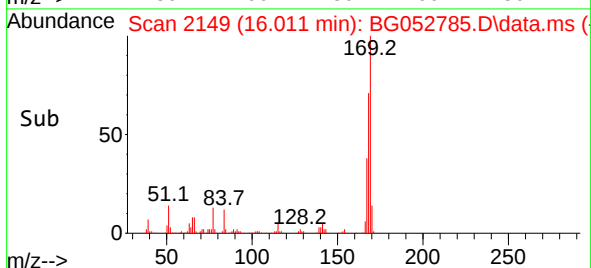
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

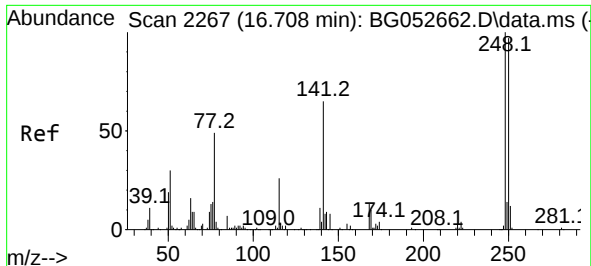


#66
n-Nitrosodiphenylamine
Concen: 43.392 ng
RT: 16.011 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



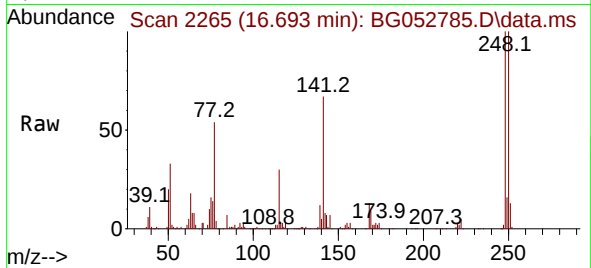
Tgt Ion:169 Resp: 396892
Ion Ratio Lower Upper
169 100
168 71.0 54.5 81.7
167 38.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.519 ng
RT: 16.693 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

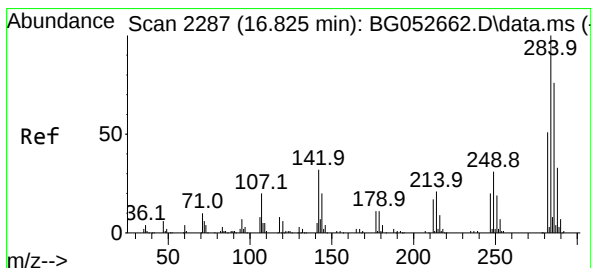
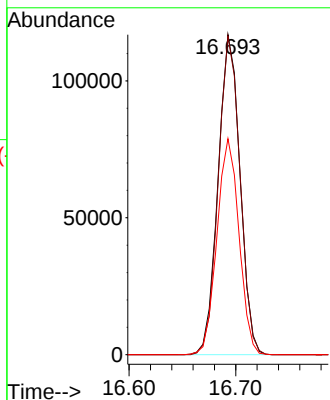
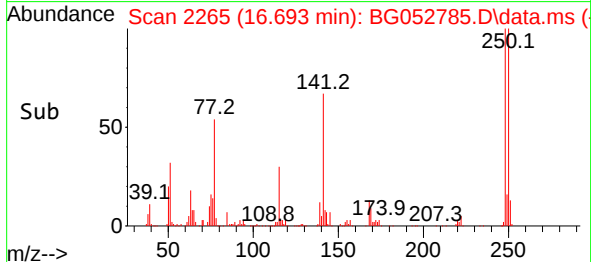
Instrument :
BNA_G
ClientSampleId :
B-3MSD



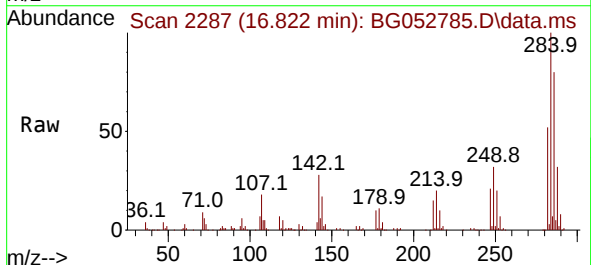
Tgt Ion:248 Resp: 166540
Ion Ratio Lower Upper
248 100
250 99.6 77.9 116.9
141 67.5 49.2 73.8

Manual Integrations
APPROVED

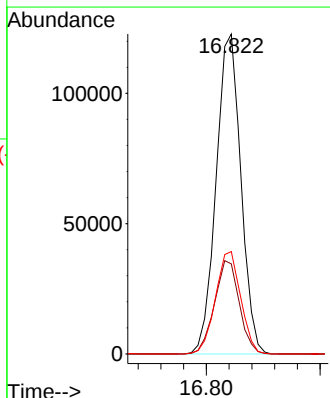
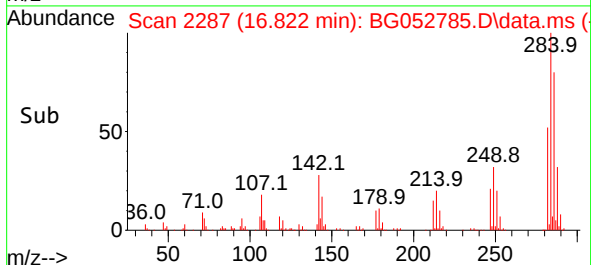
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

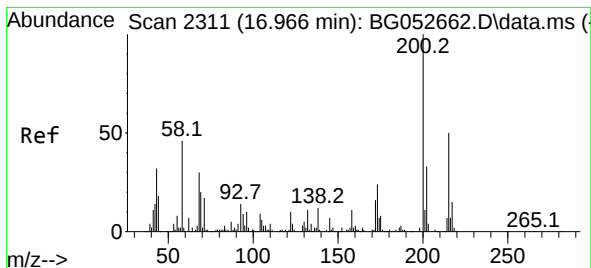


#68
Hexachlorobenzene
Concen: 44.054 ng
RT: 16.822 min Scan# 2287
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



Tgt Ion:284 Resp: 185475
Ion Ratio Lower Upper
284 100
142 28.1 21.0 31.4
249 32.0 22.7 34.1





#69

Atrazine

Concen: 50.413 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

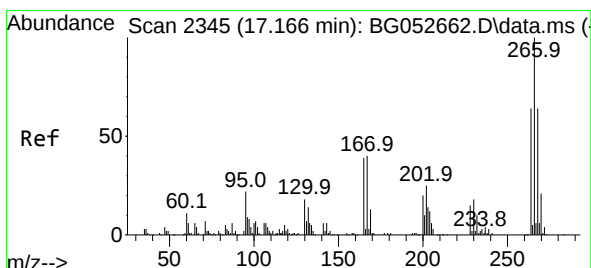
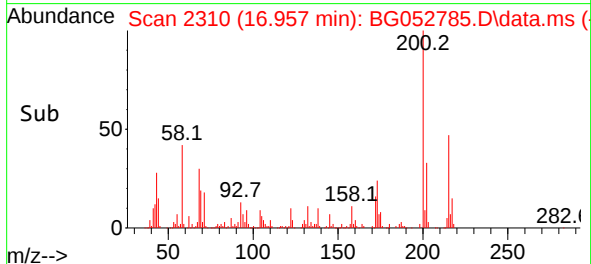
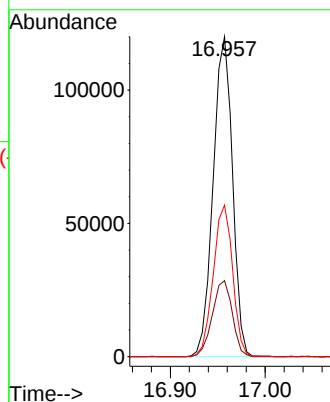
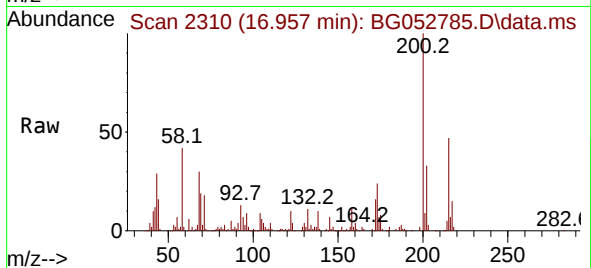
Tgt Ion:200 Resp: 170028
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.8 43.8
 215 47.3 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#70

Pentachlorophenol

Concen: 35.786 ng

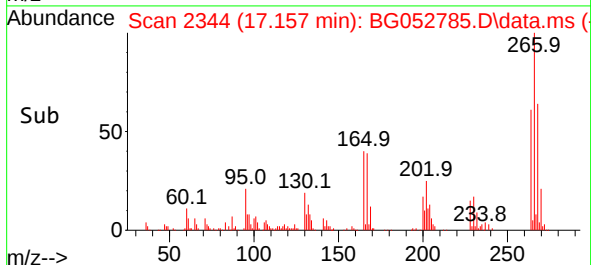
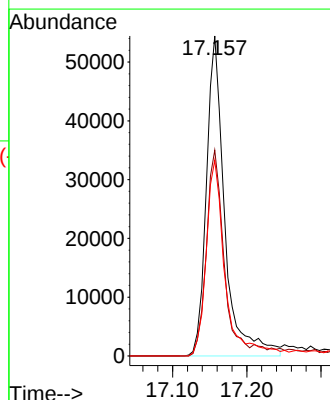
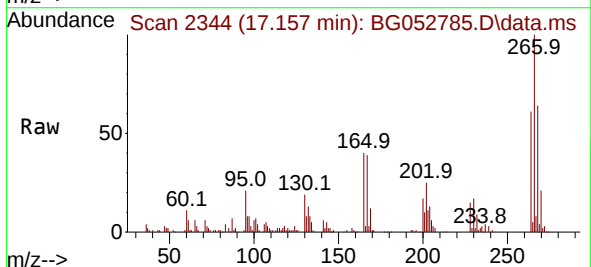
RT: 17.157 min Scan# 2344

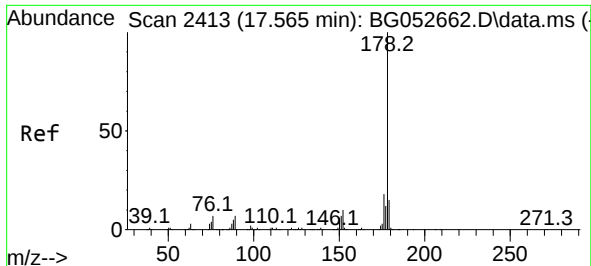
Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

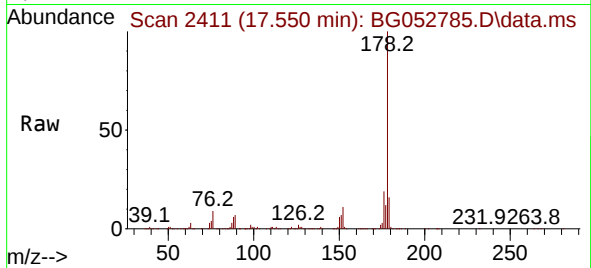
Tgt Ion:266 Resp: 93473
 Ion Ratio Lower Upper
 266 100
 268 64.3 45.9 68.9
 264 61.2 45.3 67.9





#71
Phenanthrene
Concen: 43.946 ng
RT: 17.550 min Scan# 2413
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

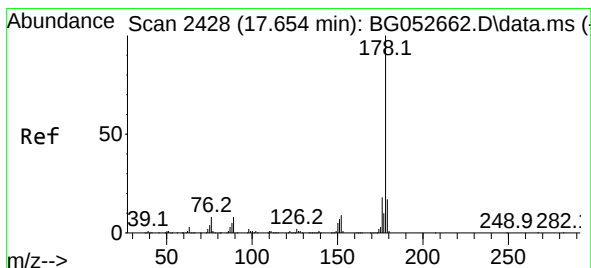
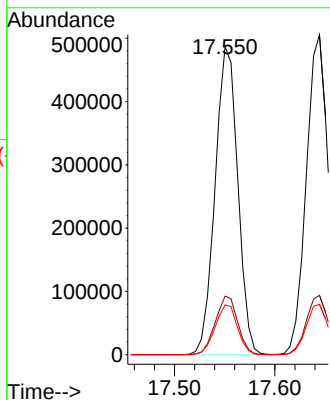
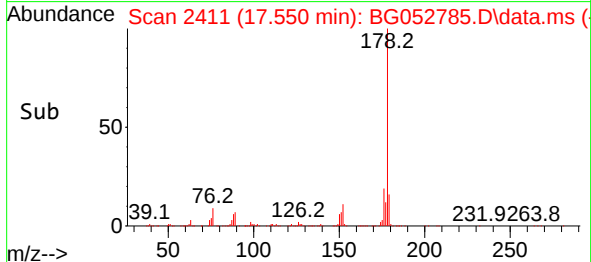
Instrument :
BNA_G
ClientSampleId :
B-3MSD



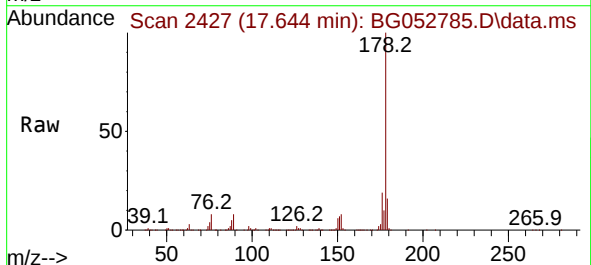
Tgt Ion:178 Resp: 763812
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 16.2 13.4 20.2

Manual Integrations
APPROVED

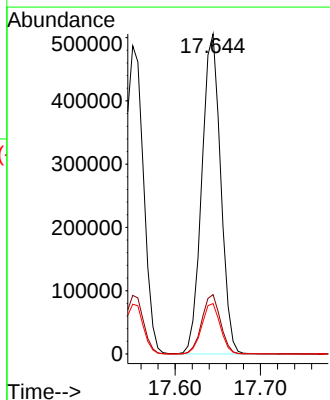
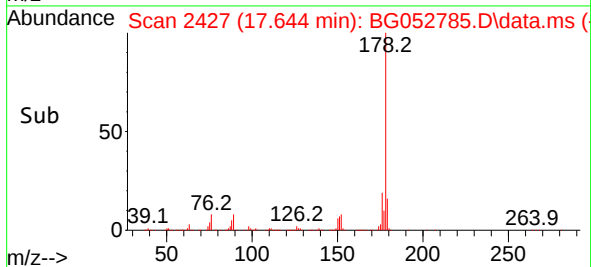
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

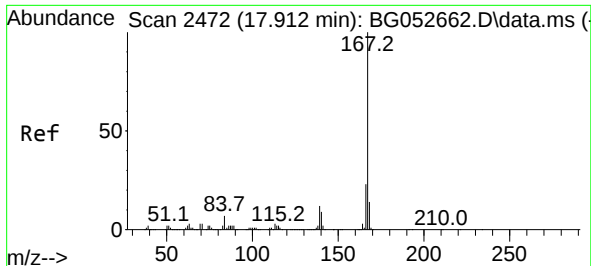


#72
Anthracene
Concen: 45.150 ng
RT: 17.644 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



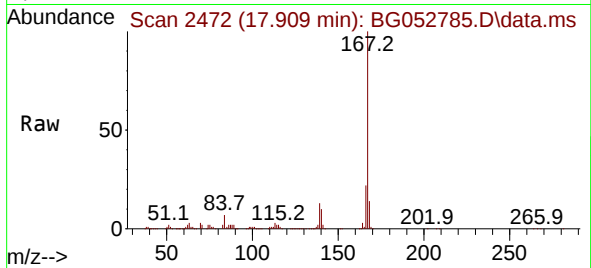
Tgt Ion:178 Resp: 775758
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 13.2 19.8





#73
Carbazole
Concen: 42.413 ng
RT: 17.909 min Scan# 2472
Delta R.T. -0.003 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

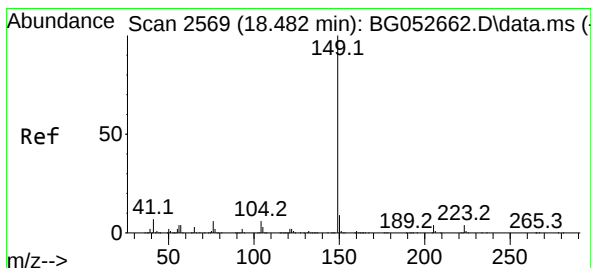
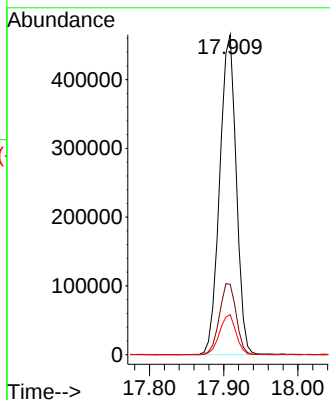
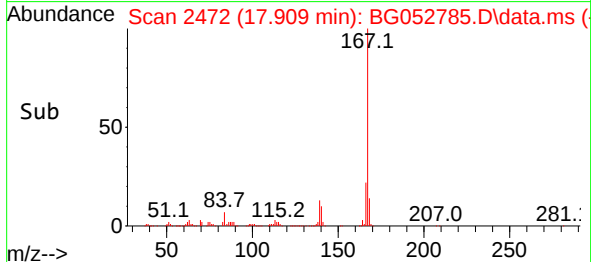
Instrument :
BNA_G
ClientSampleId :
B-3MSD



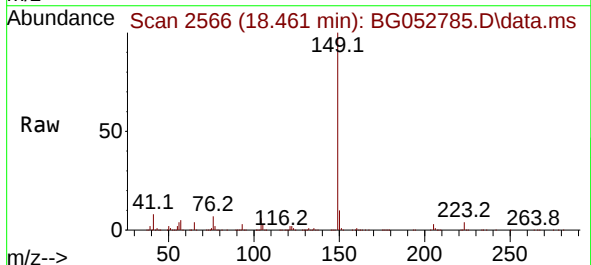
Tgt Ion:167 Resp: 72173
Ion Ratio Lower Upper
167 100
166 22.0 18.5 27.7
139 12.5 10.0 15.0

Manual Integrations
APPROVED

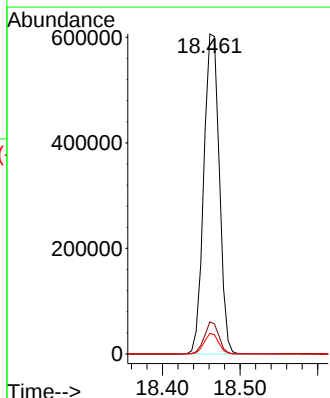
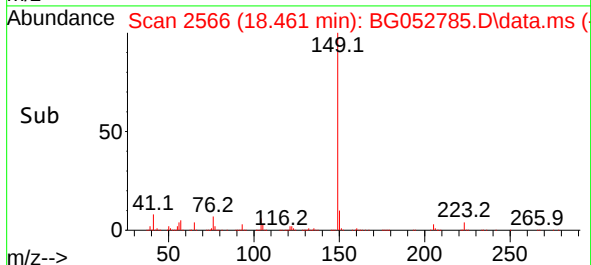
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

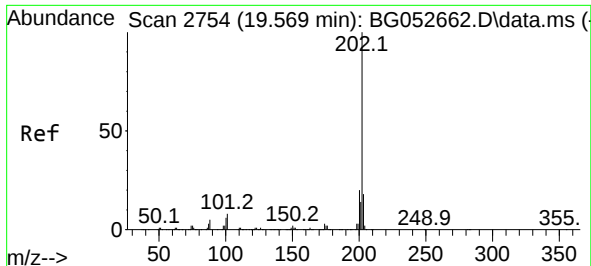


#74
Di-n-butylphthalate
Concen: 45.232 ng
RT: 18.461 min Scan# 2566
Delta R.T. -0.021 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



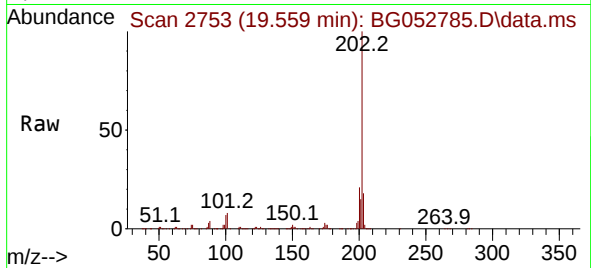
Tgt Ion:149 Resp: 840856
Ion Ratio Lower Upper
149 100
150 10.1 7.0 10.6
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 43.830 ng
RT: 19.559 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

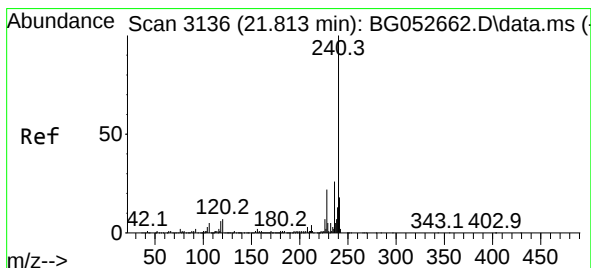
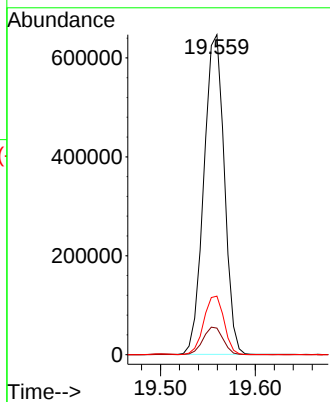
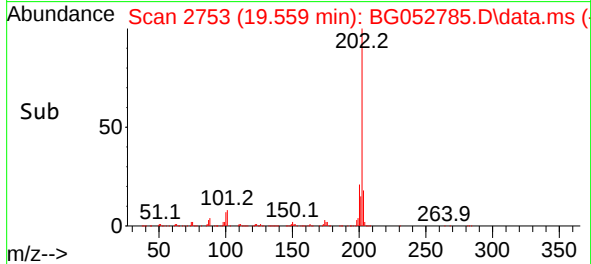
Instrument :
BNA_G
ClientSampleId :
B-3MSD



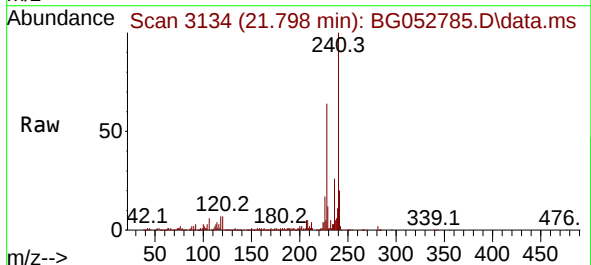
Tgt Ion:202 Resp: 966990
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.3
203 18.3 0.0 37.7

Manual Integrations
APPROVED

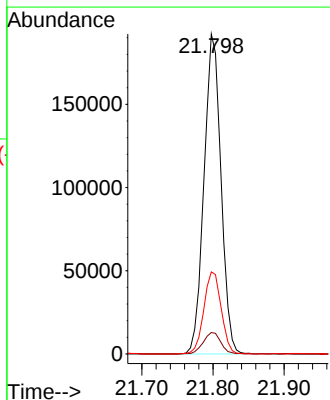
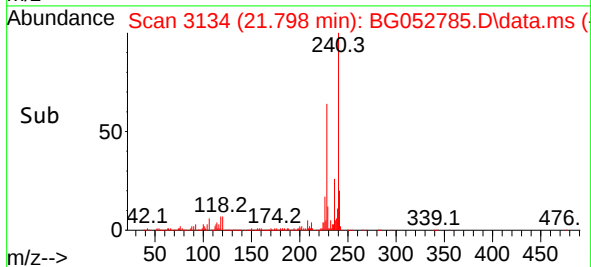
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

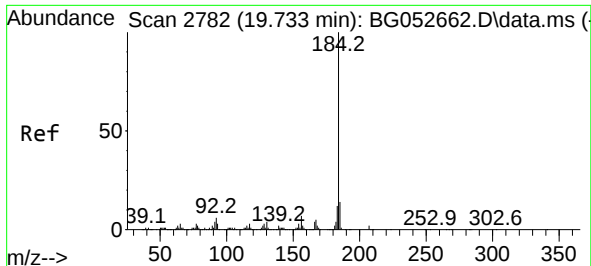


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



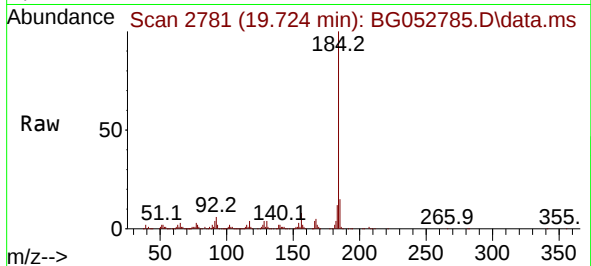
Tgt Ion:240 Resp: 319775
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.6 19.8 29.6





#77
Benzidine
Concen: 55.958 ng
RT: 19.724 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

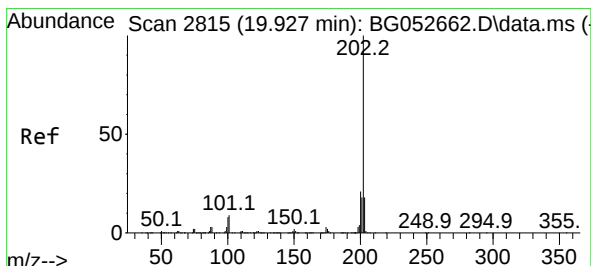
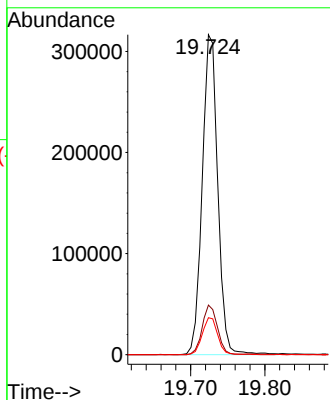
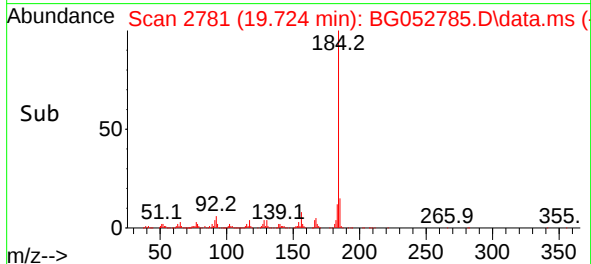
Instrument :
BNA_G
ClientSampleId :
B-3MSD



Tgt Ion:184 Resp: 461519
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 11.6 9.4 14.2

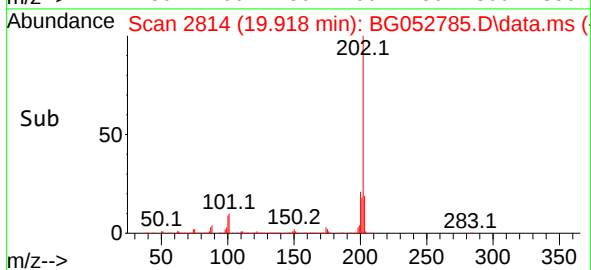
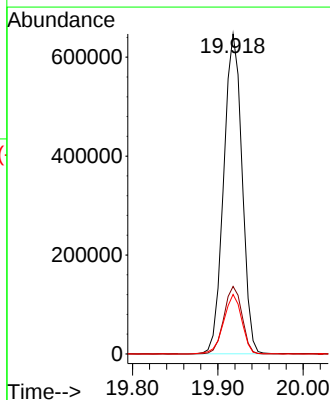
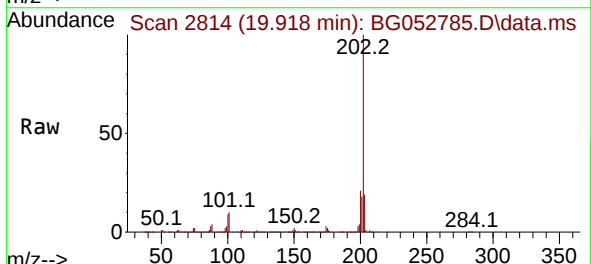
Manual Integrations
APPROVED

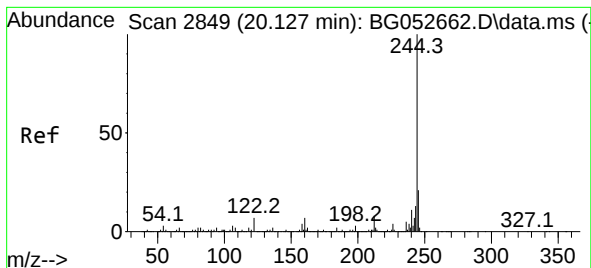
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#78
Pyrene
Concen: 43.601 ng
RT: 19.918 min Scan# 2814
Delta R.T. -0.009 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

Tgt Ion:202 Resp: 967146
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 18.6 15.0 22.6





#79

Terphenyl-d14

Concen: 83.440 ng

RT: 20.112 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:244 Resp: 1499964

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

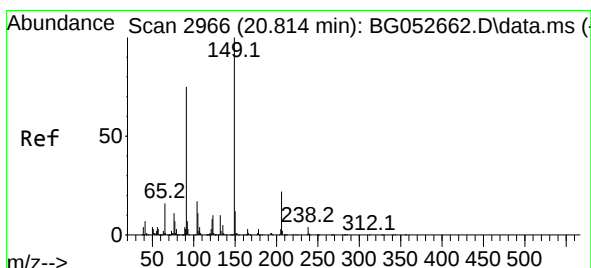
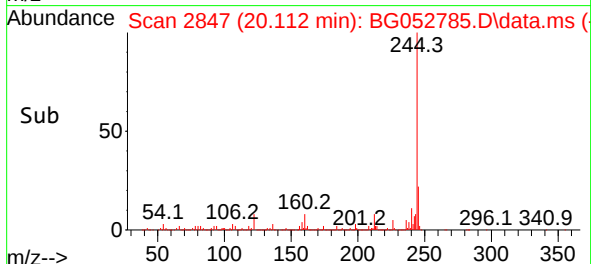
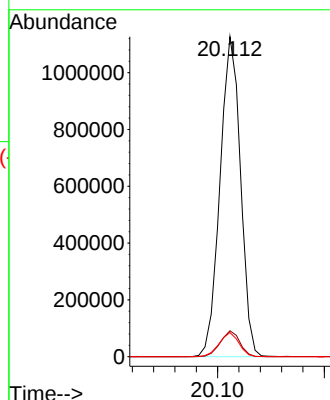
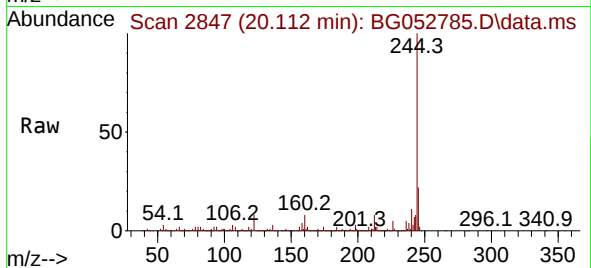
122 7.6 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#80

Butylbenzylphthalate

Concen: 46.478 ng

RT: 20.799 min Scan# 2964

Delta R.T. -0.015 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

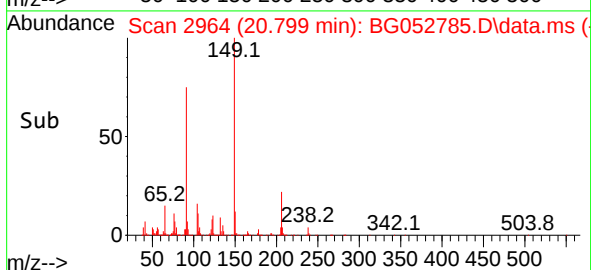
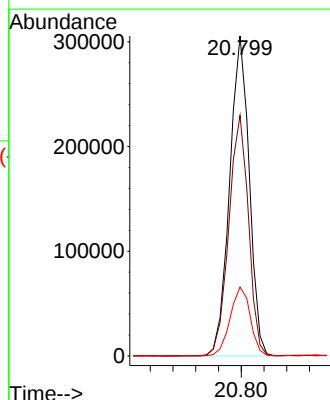
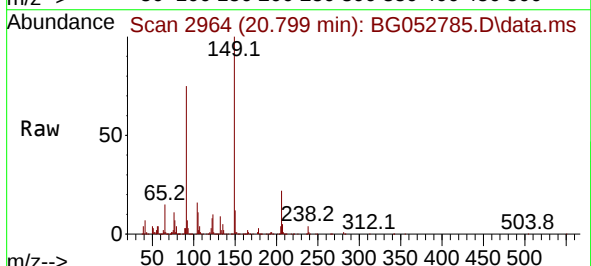
Tgt Ion:149 Resp: 365711

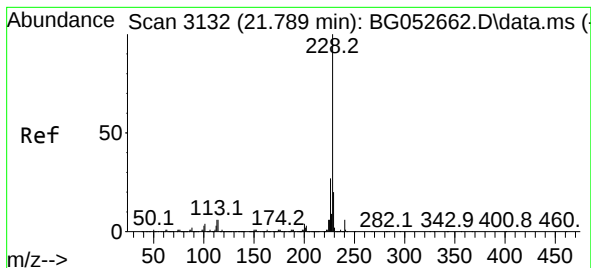
Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.4

206 21.5 19.4 29.2





#81

Benzo(a)anthracene

Concen: 43.926 ng

RT: 21.780 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:228 Resp: 940578

Ion Ratio Lower Upper

228 100

226 28.4 21.4 32.0

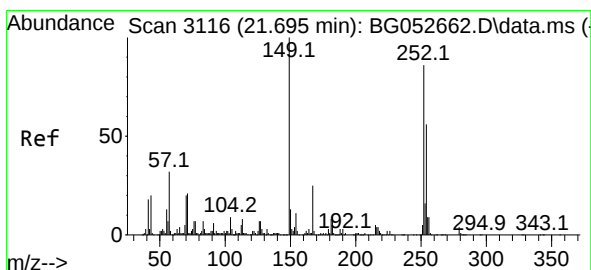
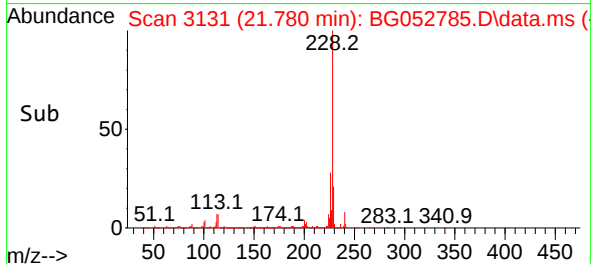
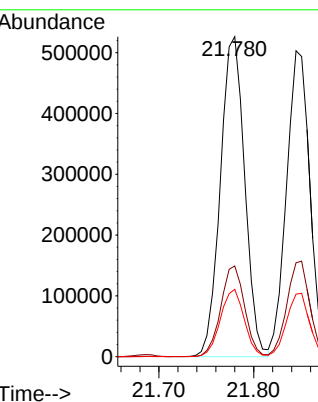
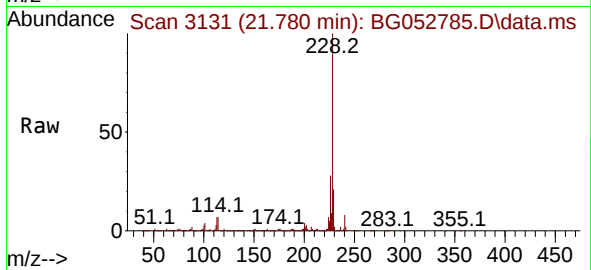
229 21.1 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#82

3,3'-Dichlorobenzidine

Concen: 35.201 ng

RT: 21.686 min Scan# 3115

Delta R.T. -0.009 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

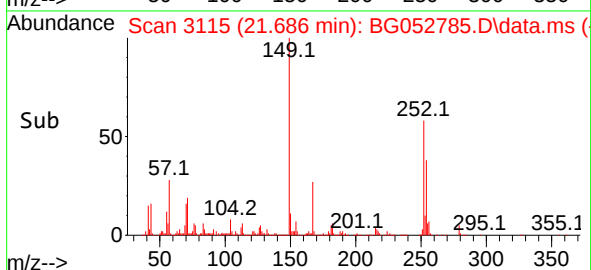
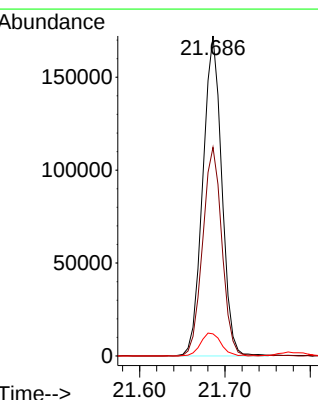
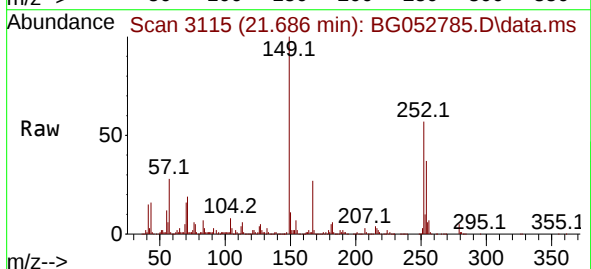
Tgt Ion:252 Resp: 266174

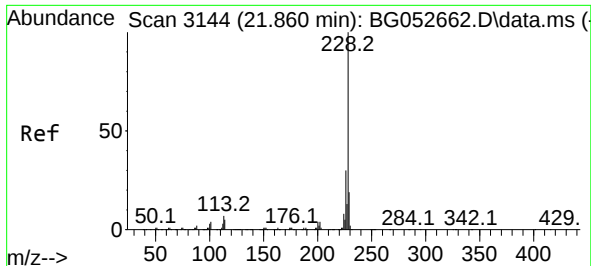
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

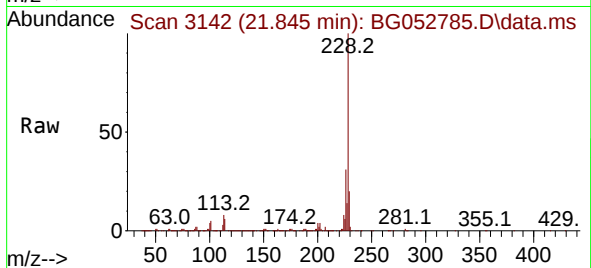
126 6.9 5.8 8.8





#83
Chrysene
Concen: 42.478 ng
RT: 21.845 min Scan# 3114
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

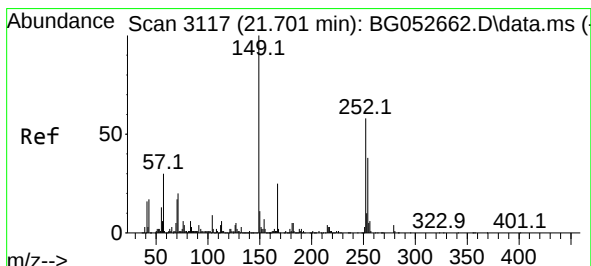
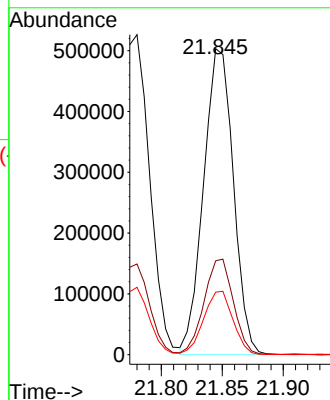
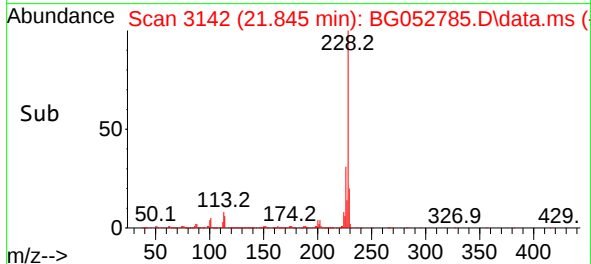
Instrument :
BNA_G
ClientSampleId :
B-3MSD



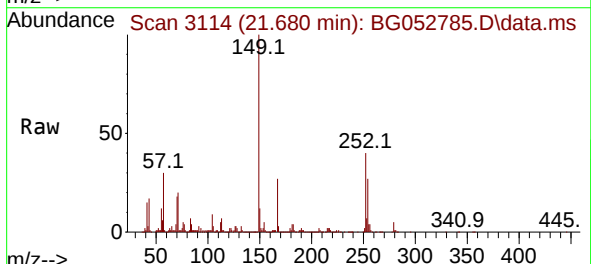
Tgt Ion:228 Resp: 855084
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.4 16.3 24.5

Manual Integrations
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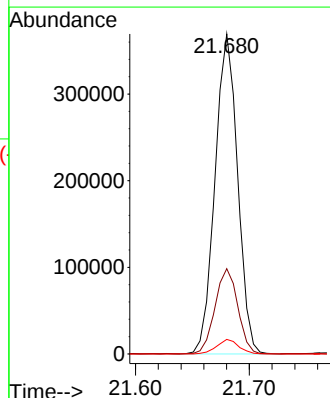
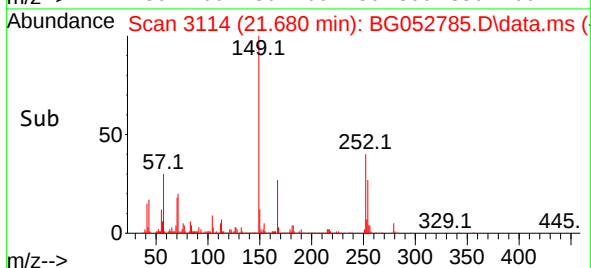
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

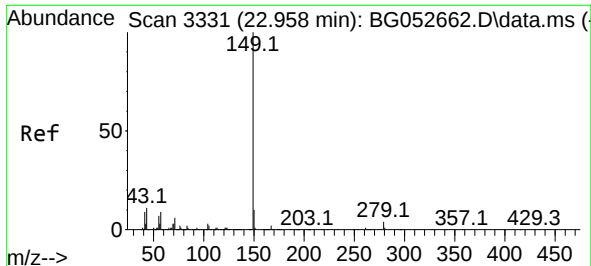


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.671 ng
RT: 21.680 min Scan# 3114
Delta R.T. -0.021 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



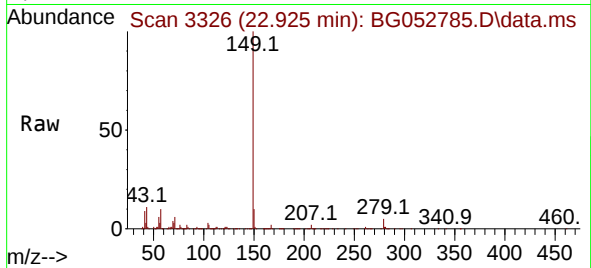
Tgt Ion:149 Resp: 510109
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 48.198 ng
RT: 22.925 min Scan# 31
Delta R.T. -0.033 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

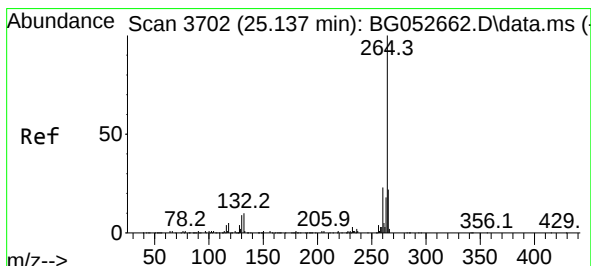
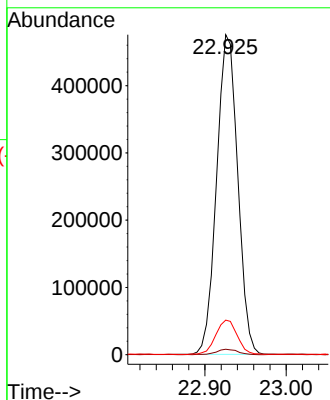
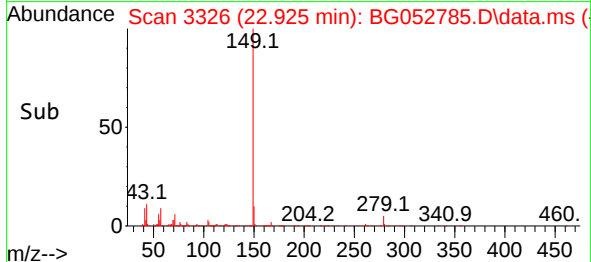
Instrument :
BNA_G
ClientSampleId :
B-3MSD



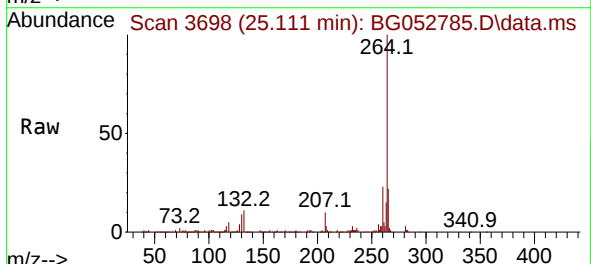
Tgt Ion:149 Resp: 85860
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.8 7.6 11.4

Manual Integrations
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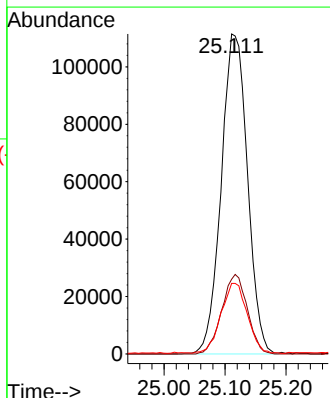
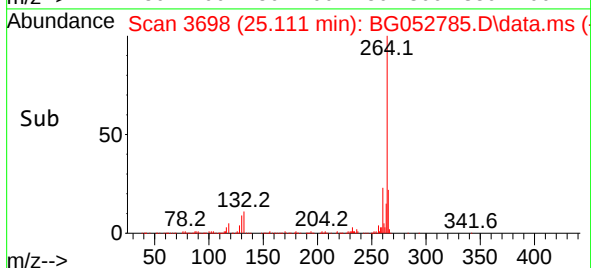
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

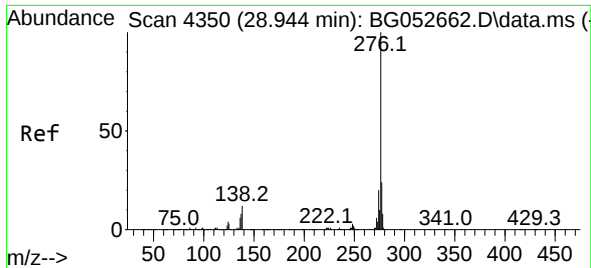


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.111 min Scan# 3698
Delta R.T. -0.027 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



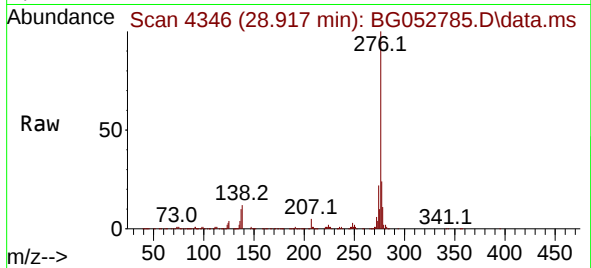
Tgt Ion:264 Resp: 333495
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 22.0 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.644 ng
RT: 28.917 min Scan# 4350
Delta R.T. -0.027 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39

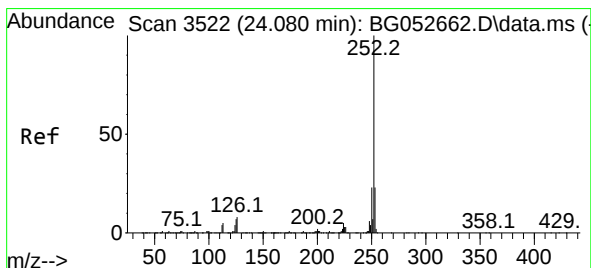
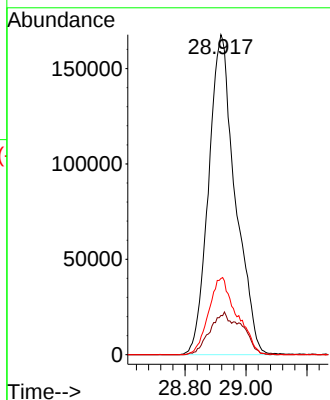
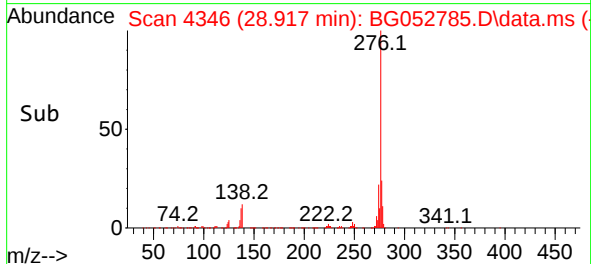
Instrument :
BNA_G
ClientSampleId :
B-3MSD



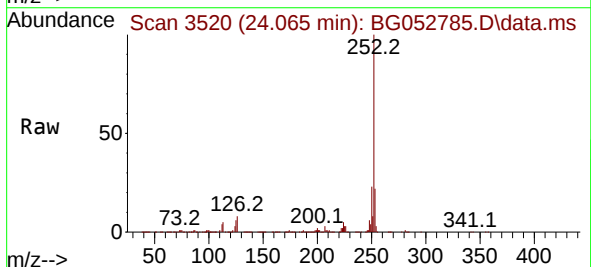
Tgt Ion:276 Resp: 1019079
Ion Ratio Lower Upper
276 100
138 15.9 8.7 13.1
277 25.5 20.2 30.4

Manual Integrations
APPROVED

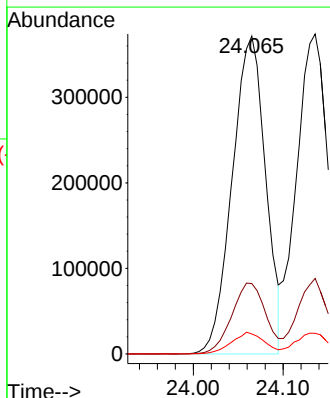
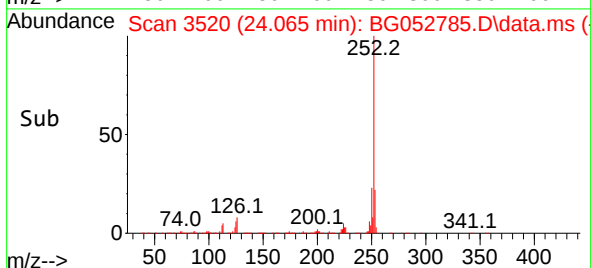
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

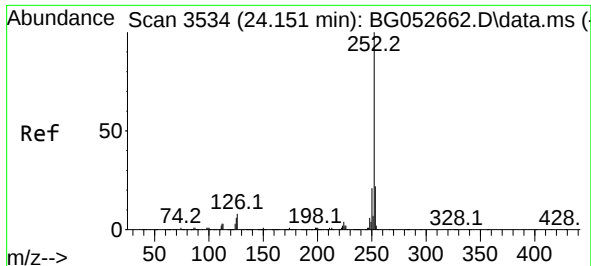


#88
Benzo(b)fluoranthene
Concen: 46.321 ng
RT: 24.065 min Scan# 3520
Delta R.T. -0.015 min
Lab File: BG052785.D
Acq: 22 Mar 2022 14:39



Tgt Ion:252 Resp: 959171
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 6.3 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 45.658 ng

RT: 24.136 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:252 Resp: 93019

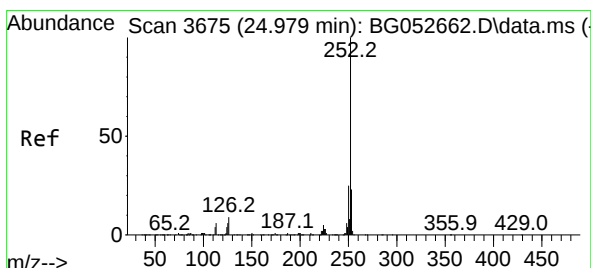
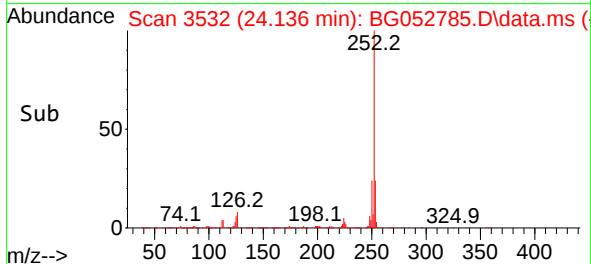
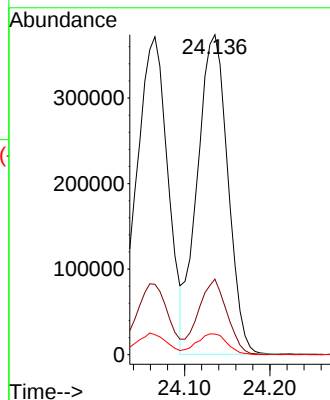
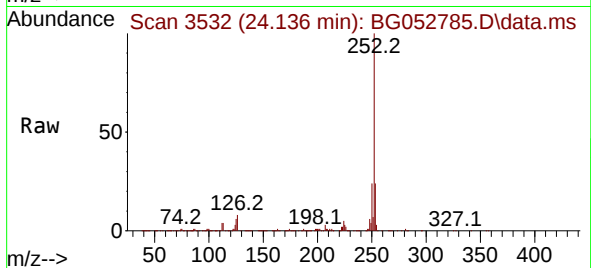
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	6.4	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#90

Benzo(a)pyrene

Concen: 52.751 ng

RT: 24.964 min Scan# 3673

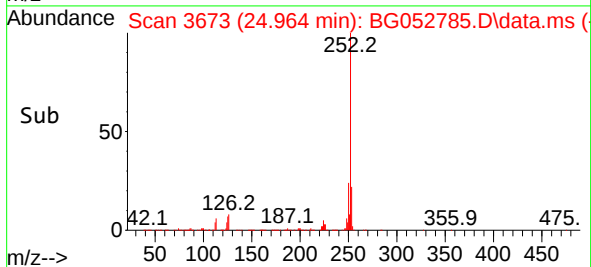
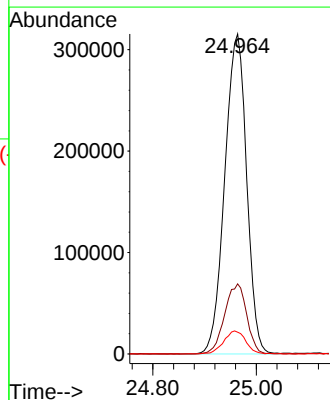
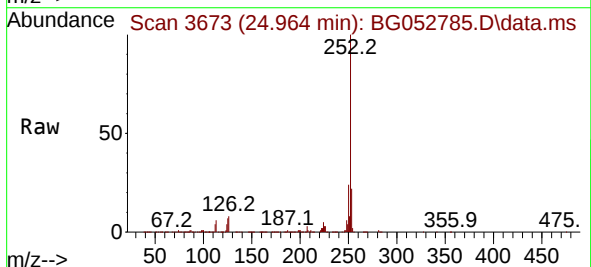
Delta R.T. -0.015 min

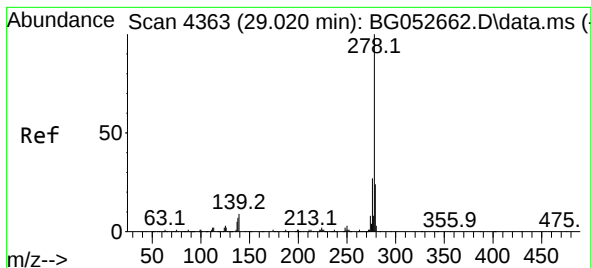
Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Tgt Ion:252 Resp: 924606

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	6.8	5.6	8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.892 ng

RT: 28.982 min Scan# 41

Delta R.T. -0.039 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Instrument :

BNA_G

ClientSampleId :

B-3MSD

Tgt Ion:278 Resp: 881989

Ion Ratio Lower Upper

278 100

139 9.4 7.8 11.6

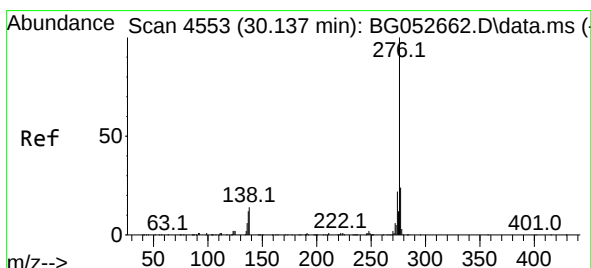
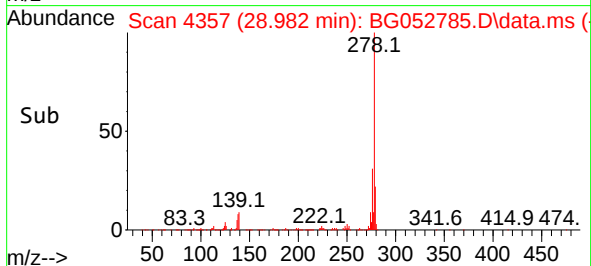
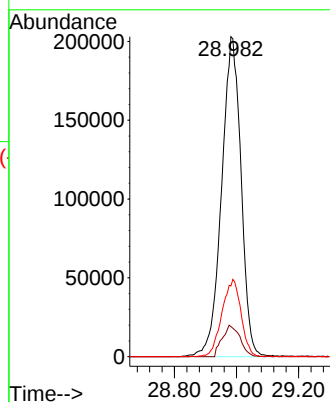
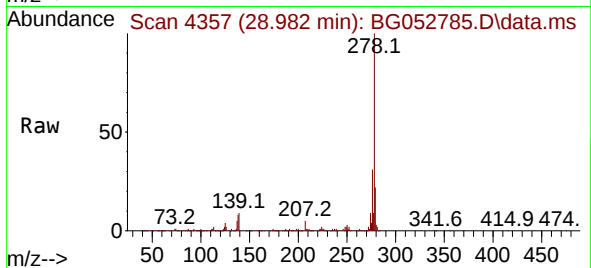
279 22.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#92

Benzo(g,h,i)perylene

Concen: 46.568 ng

RT: 30.110 min Scan# 4549

Delta R.T. -0.027 min

Lab File: BG052785.D

Acq: 22 Mar 2022 14:39

Tgt Ion:276 Resp: 866660

Ion Ratio Lower Upper

276 100

277 24.5 18.2 27.2

138 12.6 9.1 13.7

