

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052351.D
 Acq On : 10 Feb 2022 13:04
 Operator : CG/JU
 Sample : PB142516BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142516BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 14:39:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	22346	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	106539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	86417	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	221335	20.000	ng	0.00
76) Chrysene-d12	21.940	240	217232	20.000	ng	0.00
86) Perylene-d12	25.412	264	217105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	182234	142.132	ng	0.00
7) Phenol-d6	7.378	99	268217	135.581	ng	0.00
23) Nitrobenzene-d5	9.398	82	178817	72.946	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	156592	126.129	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	453193	72.871	ng	0.00
79) Terphenyl-d14	20.219	244	951003	77.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.577	88	17341	29.373	ng	94
3) Pyridine	3.988	79	42199	24.645	ng	93
4) n-Nitrosodimethylamine	3.900	42	32826	37.128	ng	84
6) Aniline	7.536	93	84124	36.602	ng	98
8) 2-Chlorophenol	7.789	128	70237	49.797	ng	95
9) Benzaldehyde	7.342	77	42567	36.860	ng	98
10) Phenol	7.401	94	99455	50.598	ng	99
11) bis(2-Chloroethyl)ether	7.624	93	63675	42.381	ng	93
12) 1,3-Dichlorobenzene	8.118	146	68452	42.595	ng	97
13) 1,4-Dichlorobenzene	8.265	146	69045	42.145	ng	96
14) 1,2-Dichlorobenzene	8.588	146	68929	42.662	ng	96
15) Benzyl Alcohol	8.458	79	79671	48.525	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.752	45	91406	42.131	ng	97
17) 2-Methylphenol	8.670	107	67180	51.795	ng	93
18) Hexachloroethane	9.328	117	24669	43.306	ng	98
19) n-Nitroso-di-n-propyla...	9.028	70	65628	44.004	ng	91
20) 3+4-Methylphenols	8.999	107	94220	50.775	ng	95
22) Acetophenone	9.052	105	113455	40.293	ng	# 94
24) Nitrobenzene	9.445	77	91963	39.549	ng	92
25) Isophorone	9.968	82	172908	41.455	ng	99
26) 2-Nitrophenol	10.168	139	42024	42.638	ng	89
27) 2,4-Dimethylphenol	10.215	122	76377	52.340	ng	93
28) bis(2-Chloroethoxy)met...	10.450	93	94072	39.741	ng	98
29) 2,4-Dichlorophenol	10.708	162	80775	46.181	ng	96
30) 1,2,4-Trichlorobenzene	10.926	180	80839	39.579	ng	97
31) Naphthalene	11.120	128	228509	40.913	ng	97
32) Benzoic acid	10.356	122	46965	49.555	ng	95
33) 4-Chloroaniline	11.219	127	53833	23.086	ng	98
34) Hexachlorobutadiene	11.407	225	50639	36.712	ng	95
35) Caprolactam	11.983	113	31804m	49.895	ng	
36) 4-Chloro-3-methylphenol	12.336	107	97234	48.863	ng	99
37) 2-Methylnaphthalene	12.712	142	180278	43.457	ng	97
38) 1-Methylnaphthalene	12.929	142	168149	41.830	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.082	216	108978	38.340	ng	99
41) Hexachlorocyclopentadiene	13.058	237	113991	83.043	ng	96
43) 2,4,6-Trichlorophenol	13.311	196	79210	42.610	ng	93

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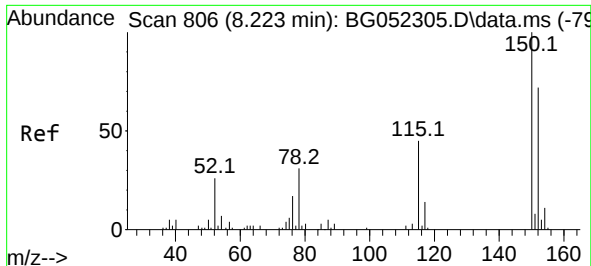
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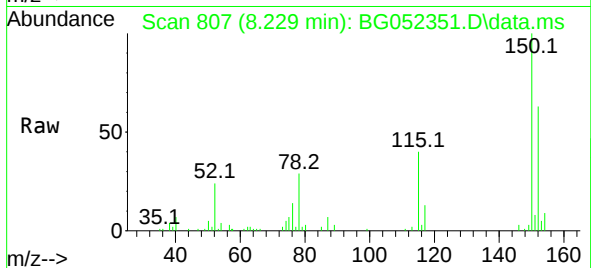
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.393	196	88370	43.866	ng	96
46) 1,1'-Biphenyl	13.710	154	257147	40.580	ng	98
47) 2-Chloronaphthalene	13.757	162	190842	39.090	ng	97
48) 2-Nitroaniline	13.951	65	75041	43.174	ng	95
49) Acenaphthylene	14.597	152	329569	41.470	ng	99
50) Dimethylphthalate	14.315	163	279256	42.184	ng	99
51) 2,6-Dinitrotoluene	14.439	165	64952	45.467	ng	# 89
52) Acenaphthene	14.938	154	240866m	46.278	ng	
53) 3-Nitroaniline	14.768	138	40041	26.966	ng	97
54) 2,4-Dinitrophenol	14.979	184	75641	85.165	ng	95
55) Dibenzofuran	15.273	168	321599	39.291	ng	99
56) 4-Nitrophenol	15.079	139	105681	94.771	ng	88
57) 2,4-Dinitrotoluene	15.226	165	93764	46.115	ng	# 88
58) Fluorene	15.919	166	279940	42.842	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.496	232	84392	43.852	ng	98
60) Diethylphthalate	15.672	149	288361	43.120	ng	96
61) 4-Chlorophenyl-phenyle...	15.901	204	151396	40.675	ng	97
62) 4-Nitroaniline	15.931	138	65814	42.102	ng	91
63) Azobenzene	16.201	77	277329	40.510	ng	93
65) 4,6-Dinitro-2-methylph...	15.995	198	54057	40.599	ng	88
66) n-Nitrosodiphenylamine	16.119	169	254609	41.750	ng	99
67) 4-Bromophenyl-phenylether	16.800	248	106459	39.551	ng	96
68) Hexachlorobenzene	16.935	284	119850	41.053	ng	91
69) Atrazine	17.059	200	108670	44.076	ng	93
70) Pentachlorophenol	17.276	266	132845	93.013	ng	98
71) Phenanthrene	17.669	178	474124	41.553	ng	97
72) Anthracene	17.758	178	479123	42.851	ng	99
73) Carbazole	18.022	167	449823	41.249	ng	99
74) Di-n-butylphthalate	18.562	149	519144	43.694	ng	98
75) Fluoranthene	19.667	202	621209	42.757	ng	99
77) Benzidine	19.837	184	190857	41.117	ng	99
78) Pyrene	20.031	202	612154	42.114	ng	99
80) Butylbenzylphthalate	20.900	149	224004	44.365	ng	93
81) Benzo(a)anthracene	21.923	228	580775	40.401	ng	99
82) 3,3'-Dichlorobenzidine	21.823	252	144951	28.884	ng	98
83) Chrysene	21.993	228	558860	41.026	ng	99
84) Bis(2-ethylhexyl)phtha...	21.799	149	313375	44.760	ng	97
85) Di-n-octyl phthalate	23.092	149	523598	44.606	ng	96
87) Indeno(1,2,3-cd)pyrene	29.436	276	671307	42.255	ng	# 95
88) Benzo(b)fluoranthene	24.302	252	618517	45.718	ng	98
89) Benzo(k)fluoranthene	24.384	252	571607	42.769	ng	99
90) Benzo(a)pyrene	25.253	252	583361	51.045	ng	100
91) Dibenzo(a,h)anthracene	29.489	278	565595	43.096	ng	97
92) Benzo(g,h,i)perylene	30.693	276	561104	43.564	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052351.D
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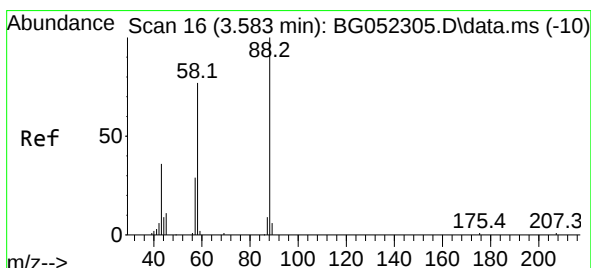
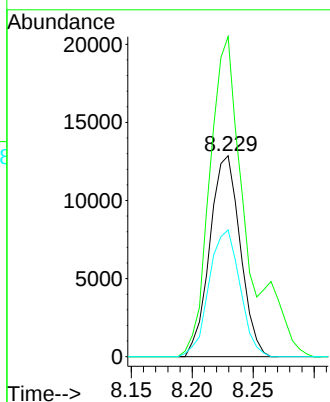
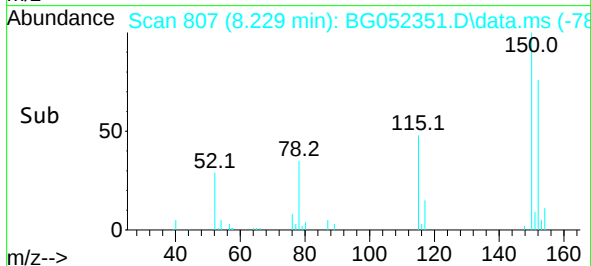
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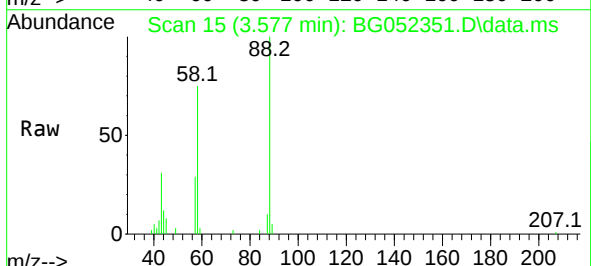
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Ion Ratio Lower Upper
152 100
150 159.2 117.8 176.8
115 63.0 50.2 75.2

Manual Integrations
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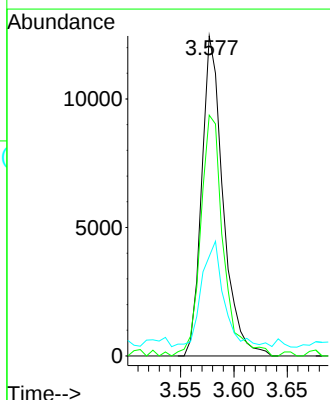
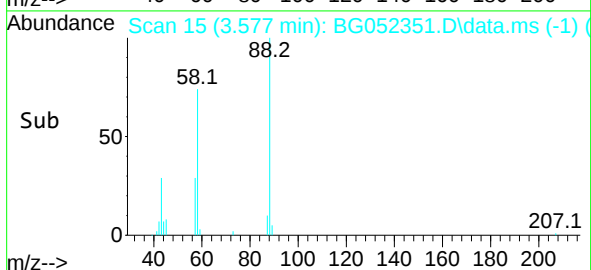
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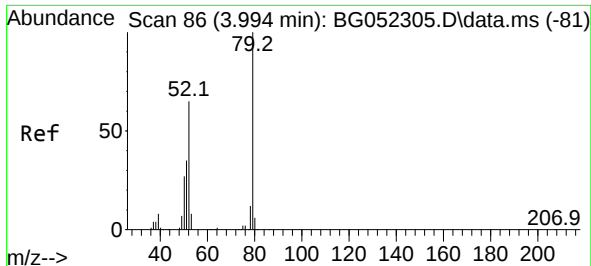


#2
1,4-Dioxane
Concen: 29.373 ng
RT: 3.577 min Scan# 15
Delta R.T. -0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion: 88 Resp: 17341
Ion Ratio Lower Upper
88 100
58 79.7 65.8 98.8
43 32.2 31.6 47.4





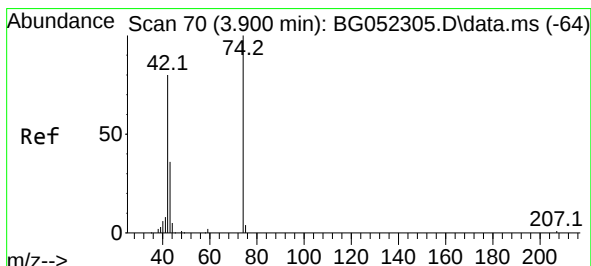
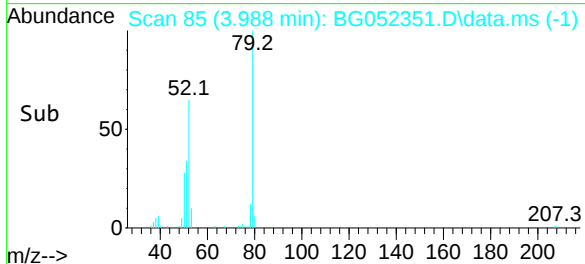
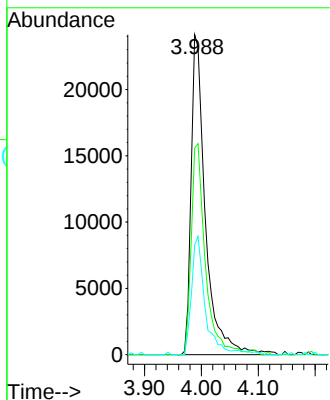
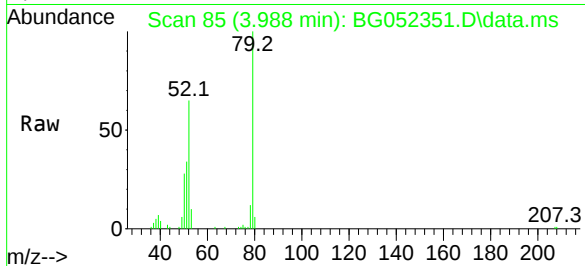
#3
Pyridine
Concen: 24.645 ng
RT: 3.988 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

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Tgt Ion: 79 Resp: 42199
Ion Ratio Lower Upper
79 100
52 64.6 55.0 82.6
51 34.3 32.5 48.7

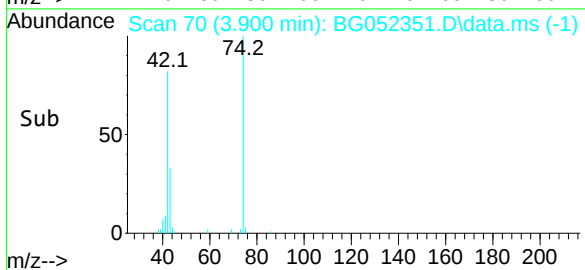
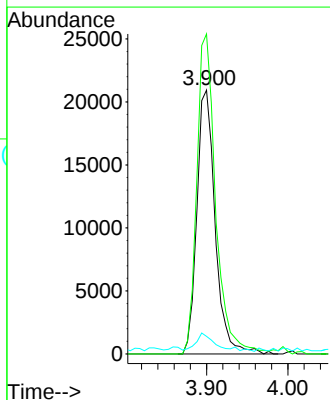
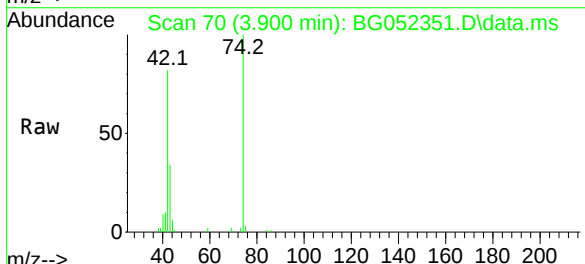
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#4
n-Nitrosodimethylamine
Concen: 37.128 ng
RT: 3.900 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion: 42 Resp: 32826
Ion Ratio Lower Upper
42 100
74 121.3 83.0 124.4
44 6.7 5.0 7.6





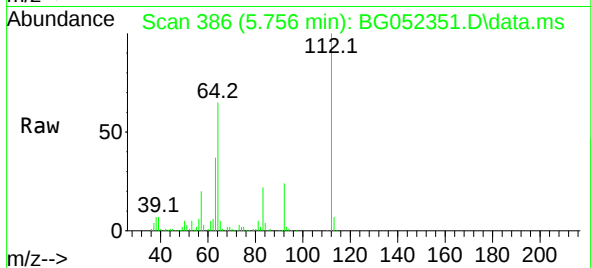
#5
2-Fluorophenol
Concen: 142.132 ng
RT: 5.756 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

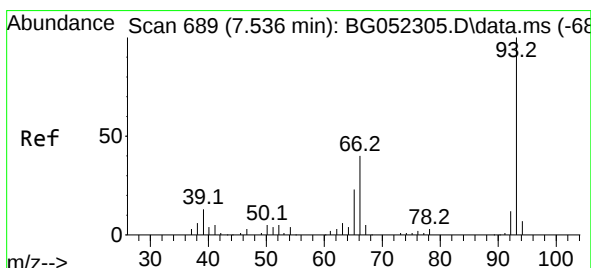
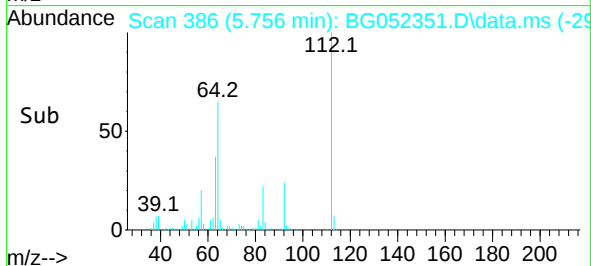
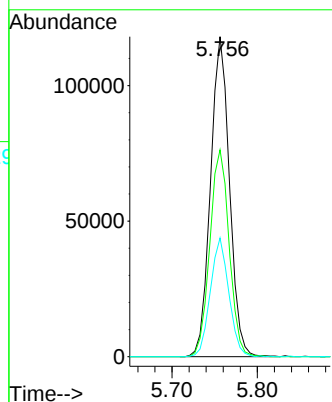


Tgt Ion:112 Resp: 182234
Ion Ratio Lower Upper
112 100
64 64.6 60.4 90.6
63 37.1 33.3 49.9

Manual Integrations

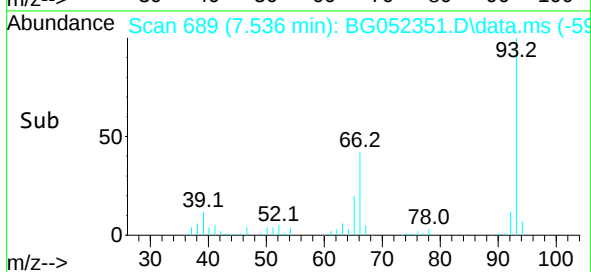
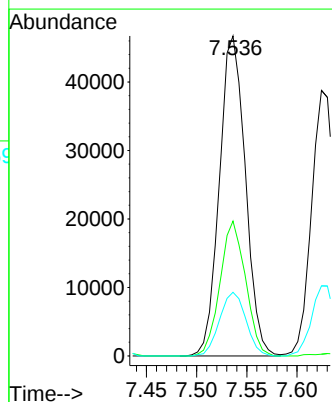
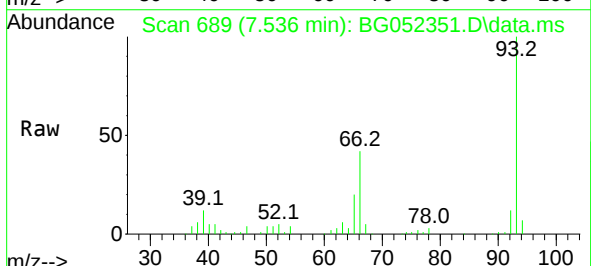
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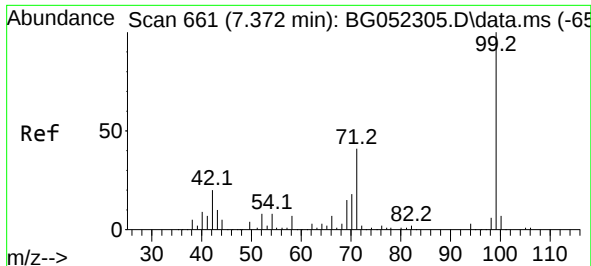
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#6
Aniline
Concen: 36.602 ng
RT: 7.536 min Scan# 689
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

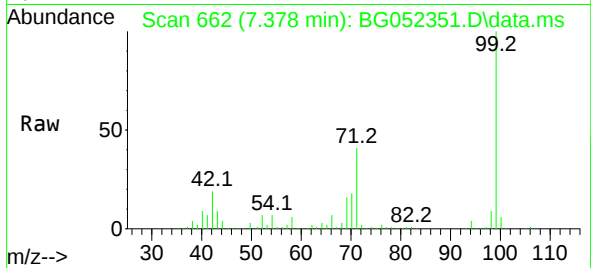
Tgt Ion: 93 Resp: 84124
Ion Ratio Lower Upper
93 100
66 42.1 34.3 51.5
65 19.9 17.6 26.4





#7
Phenol-d6
Concen: 135.581 ng
RT: 7.378 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

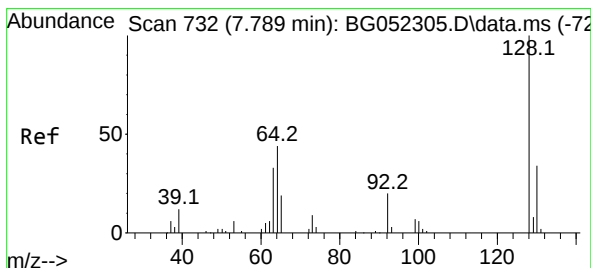
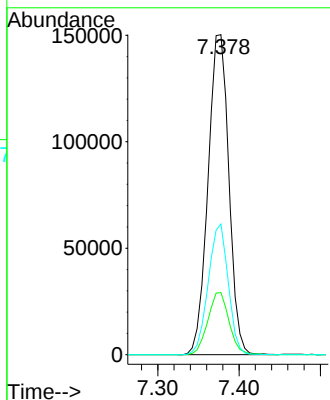
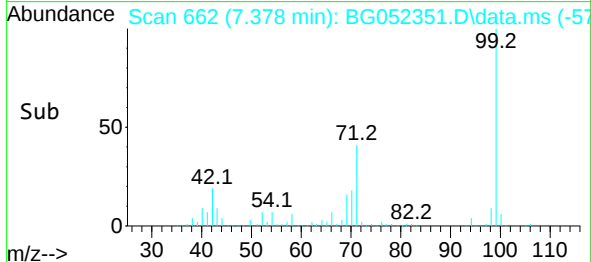
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 26821
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 40.8 33.4 50.2

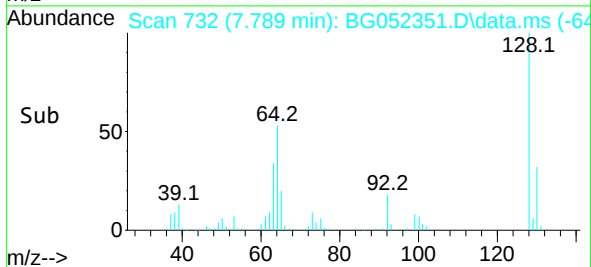
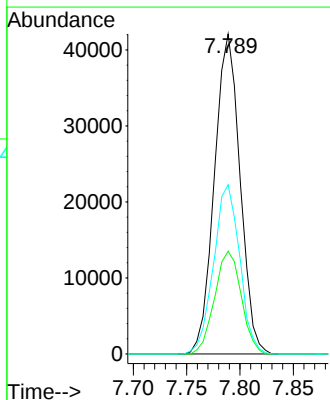
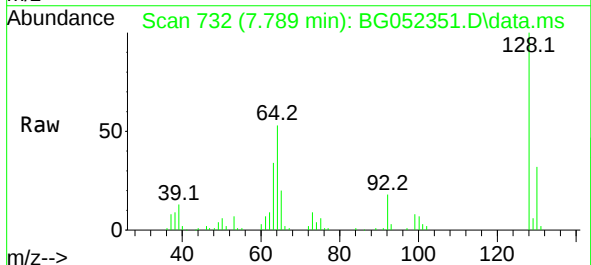
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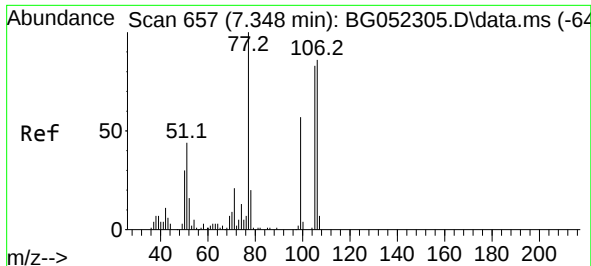
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#8
2-Chlorophenol
Concen: 49.797 ng
RT: 7.789 min Scan# 732
Delta R.T. -0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

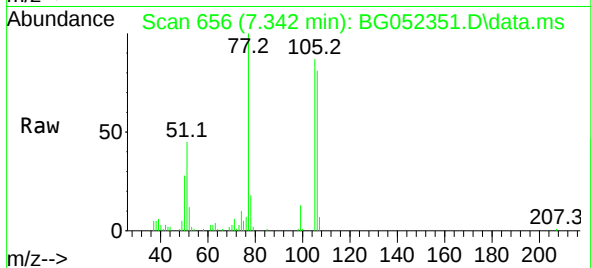
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Ion Ratio Lower Upper
128 100
130 32.1 13.6 53.6
64 52.9 37.8 77.8





#9
Benzaldehyde
Concen: 36.860 ng
RT: 7.342 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

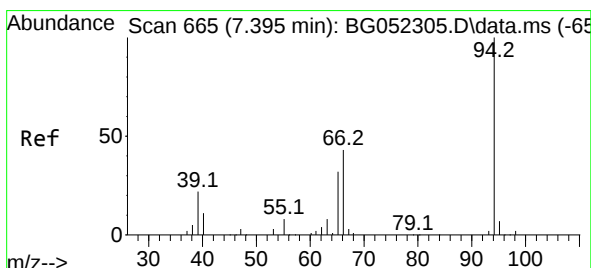
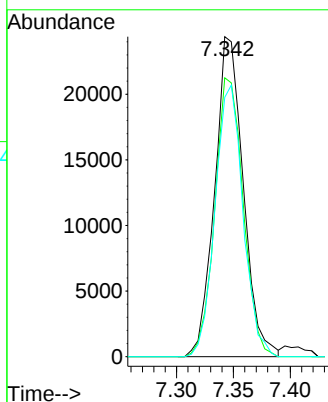
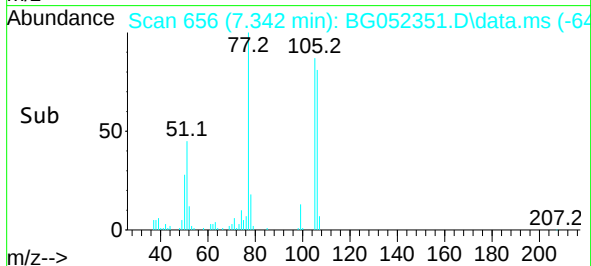
Instrument :
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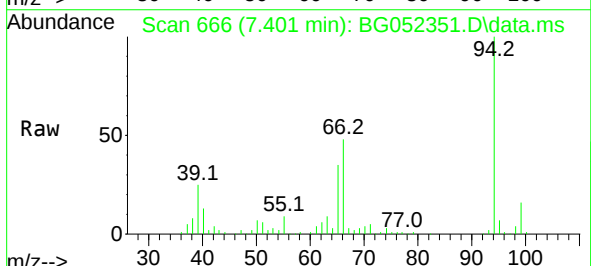
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Ion Ratio Lower Upper
77 100
105 87.1 66.1 106.1
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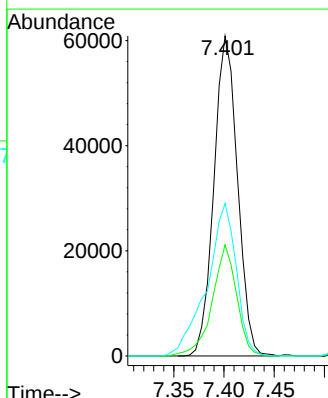
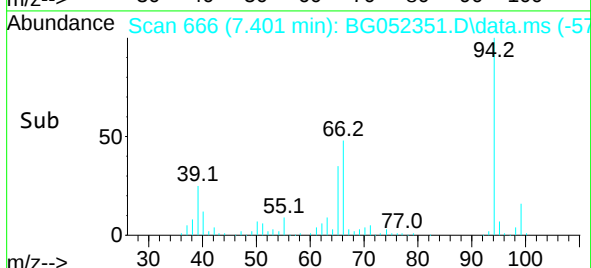
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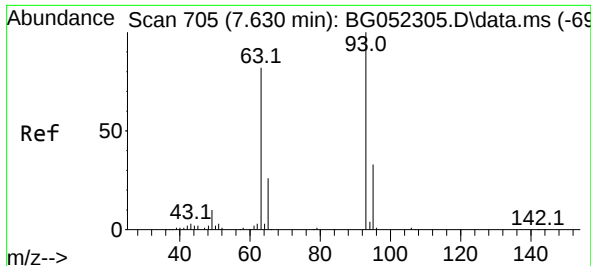


#10
Phenol
Concen: 50.598 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



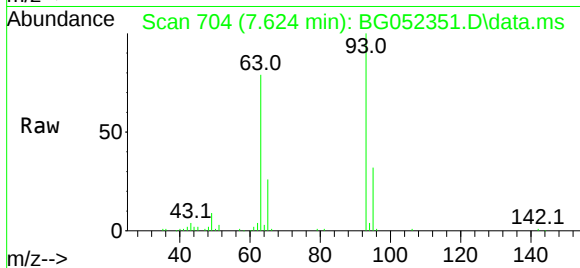
Tgt Ion: 94 Resp: 99455
Ion Ratio Lower Upper
94 100
65 34.7 14.1 54.1
66 47.7 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 42.381 ng
RT: 7.624 min Scan# 705
Delta R.T. -0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

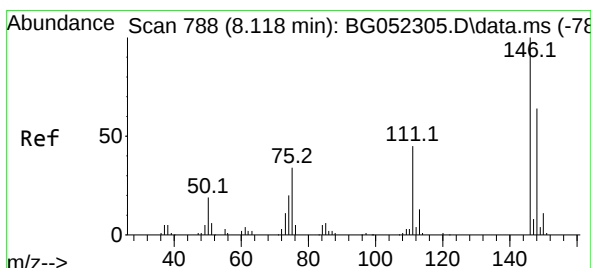
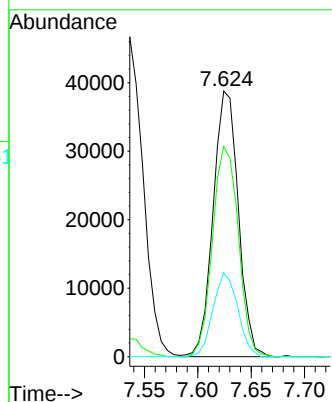
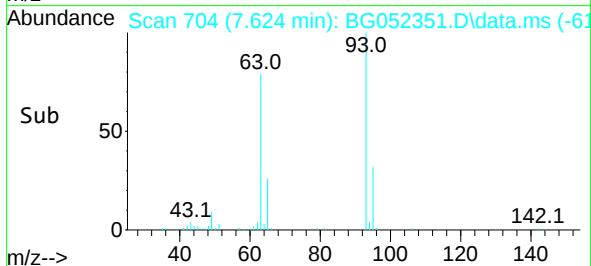
Instrument :
BNA_G
ClientSampleId :
PB142516BS



Tgt Ion: 93 Resp: 63679
Ion Ratio Lower Upper
93 100
63 79.2 67.1 107.1
95 31.6 13.0 53.0

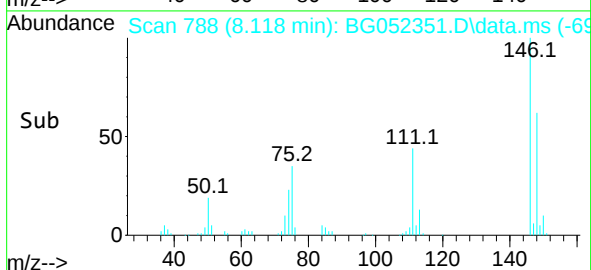
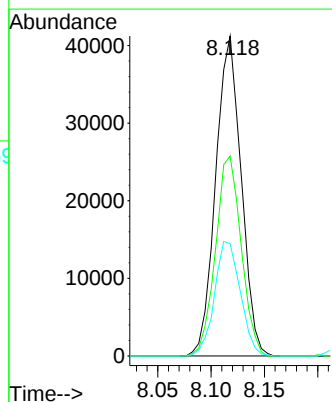
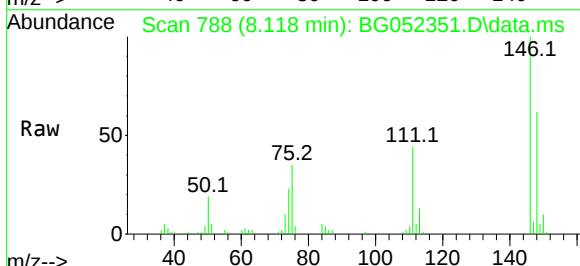
Manual Integrations
APPROVED

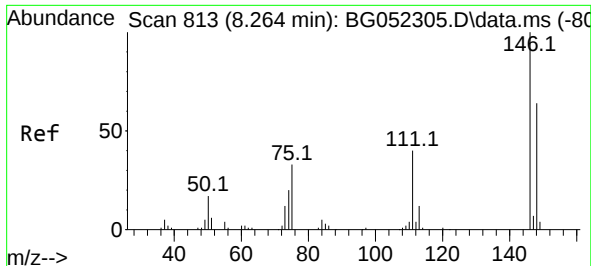
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#12
1,3-Dichlorobenzene
Concen: 42.595 ng
RT: 8.118 min Scan# 788
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

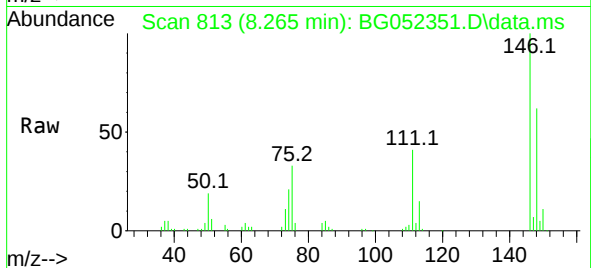
Tgt Ion:146 Resp: 68452
Ion Ratio Lower Upper
146 100
148 62.5 49.1 73.7
75 35.2 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 42.145 ng
RT: 8.265 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

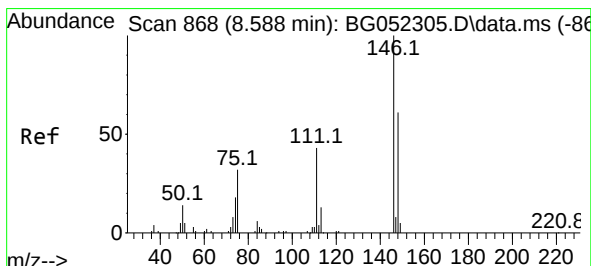
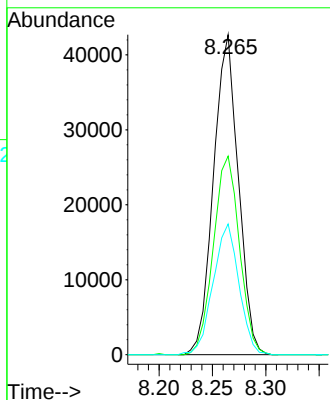
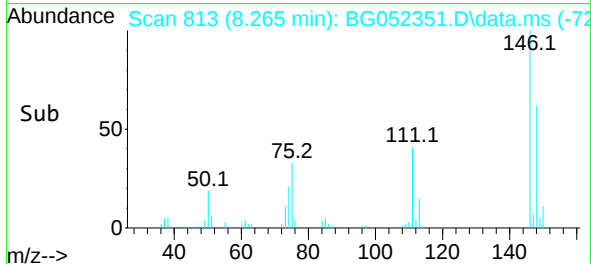
Instrument :
BNA_G
ClientSampleId :
PB142516BS



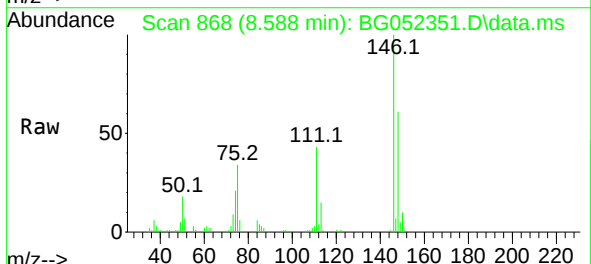
Tgt Ion:146 Resp: 6904
Ion Ratio Lower Upper
146 100
148 62.1 52.6 78.8
111 40.9 33.8 50.8

Manual Integrations
APPROVED

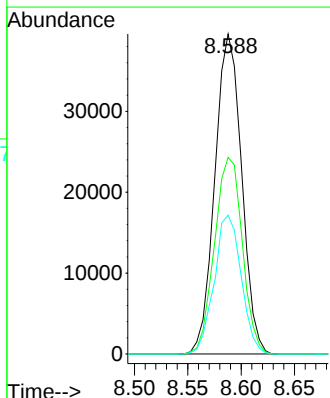
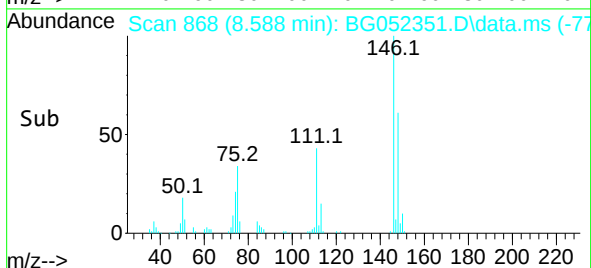
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

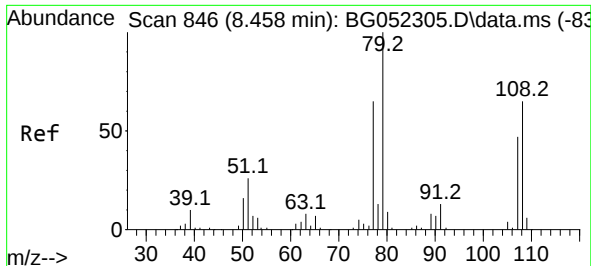


#14
1,2-Dichlorobenzene
Concen: 42.662 ng
RT: 8.588 min Scan# 868
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:146 Resp: 68929
Ion Ratio Lower Upper
146 100
148 61.4 46.5 69.7
111 43.4 37.0 55.4





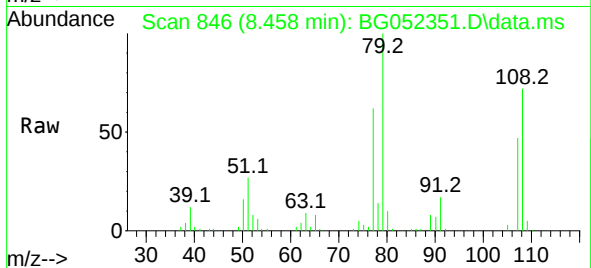
#15
Benzyl Alcohol
Concen: 48.525 ng
RT: 8.458 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

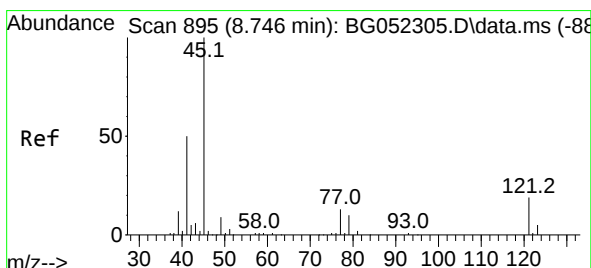
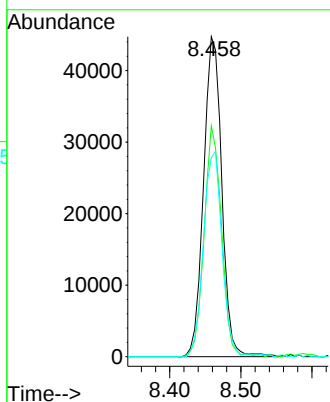
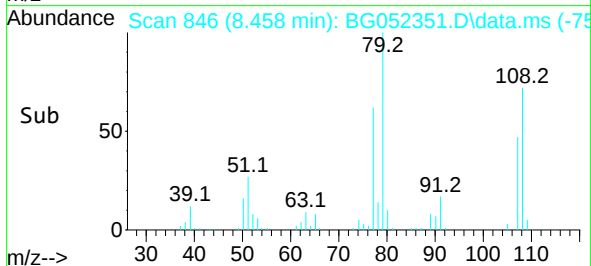
PB142516BS



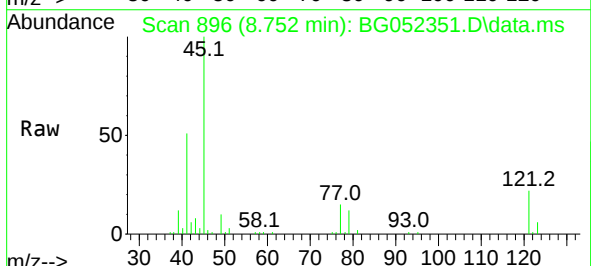
Tgt Ion: 79 Resp: 7967
Ion Ratio Lower Upper
79 100
108 72.2 53.8 80.6
77 62.1 54.4 81.6

Manual Integrations
APPROVED

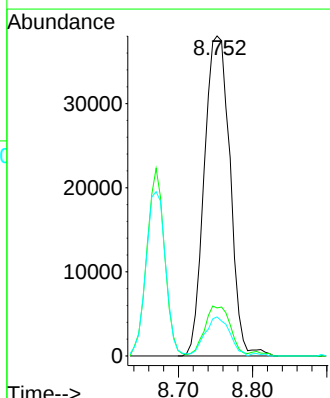
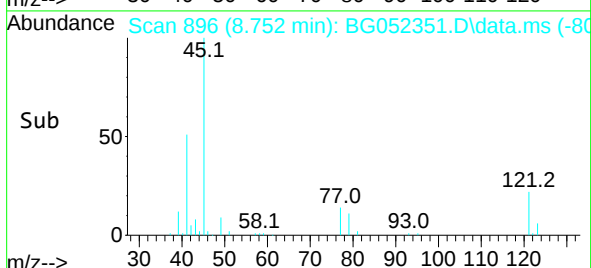
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

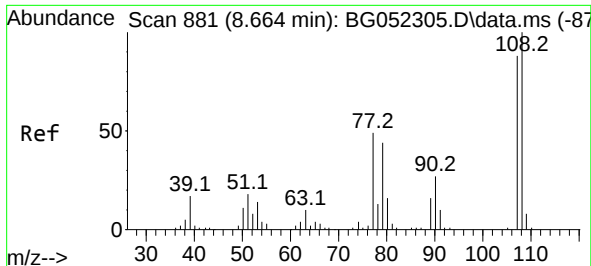


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.131 ng
RT: 8.752 min Scan# 896
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion: 45 Resp: 91406
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.8
79 12.2 0.0 31.1





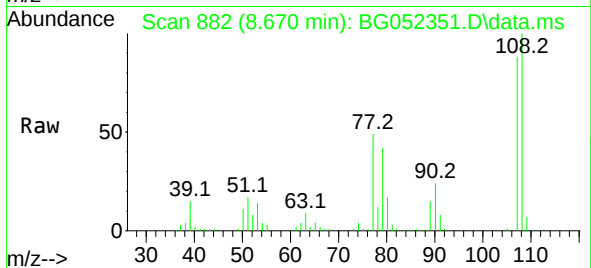
#17
2-Methylphenol
Concen: 51.795 ng
RT: 8.670 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

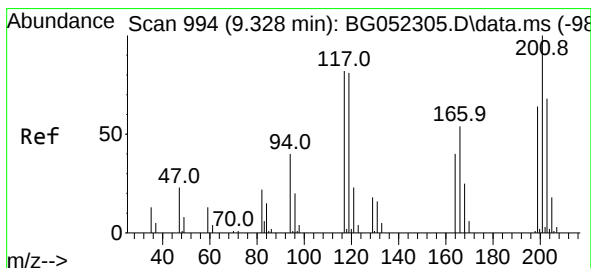
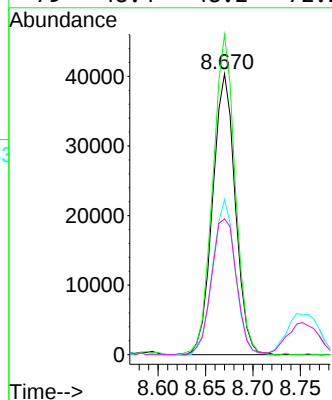


Tgt Ion:107 Resp: 67180
Ion Ratio Lower Upper
107 100
108 113.9 90.3 135.5
77 55.3 49.0 73.6
79 48.4 48.2 72.2

Manual Integrations

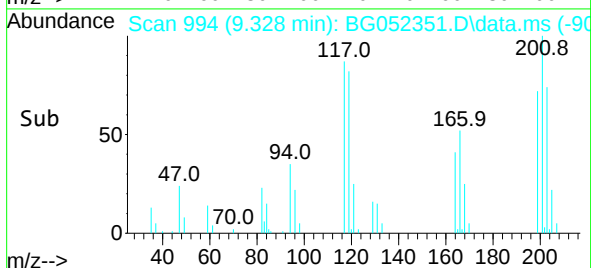
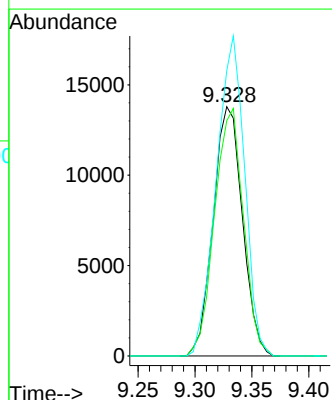
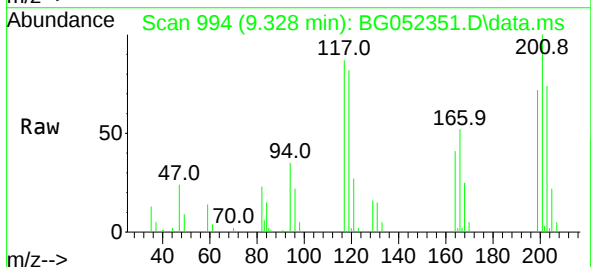
APPROVED

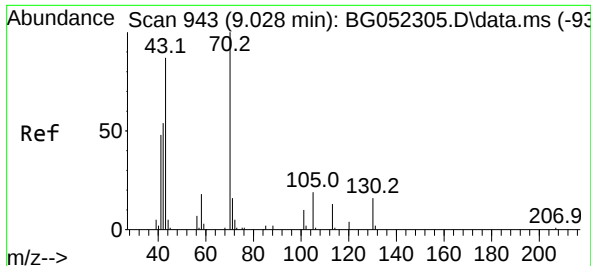
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#18
Hexachloroethane
Concen: 43.306 ng
RT: 9.328 min Scan# 994
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

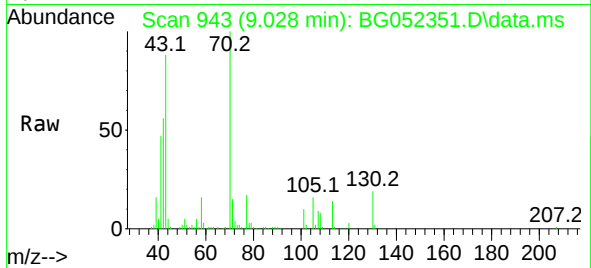
Tgt Ion:117 Resp: 24669
Ion Ratio Lower Upper
117 100
119 94.4 73.5 110.3
201 114.5 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 44.004 ng
RT: 9.028 min Scan# 943
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

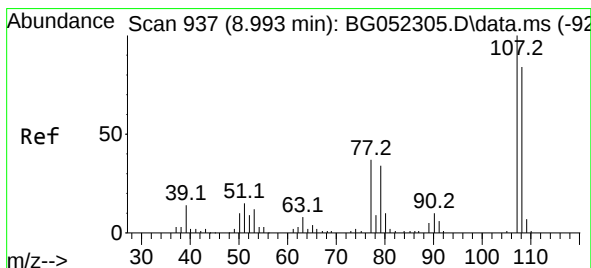
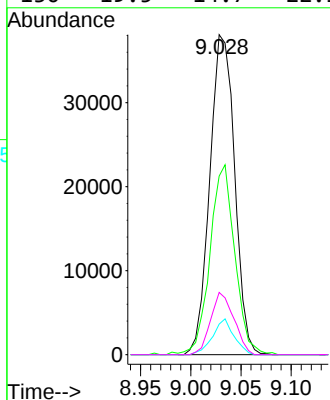
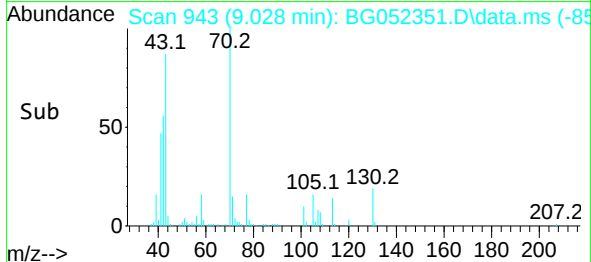
Instrument :
BNA_G
ClientSampleId :
PB142516BS



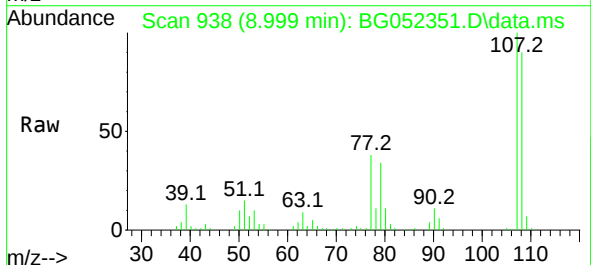
Tgt Ion: 70 Resp: 65628
Ion Ratio Lower Upper
70 100
42 55.8 51.8 77.6
101 9.6 6.6 10.0
130 19.5 14.7 22.1

Manual Integrations
APPROVED

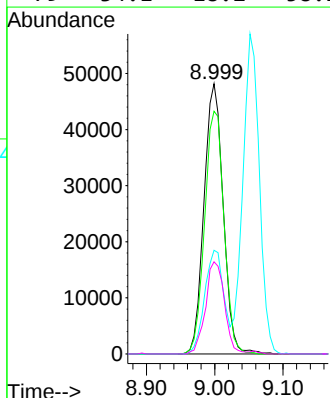
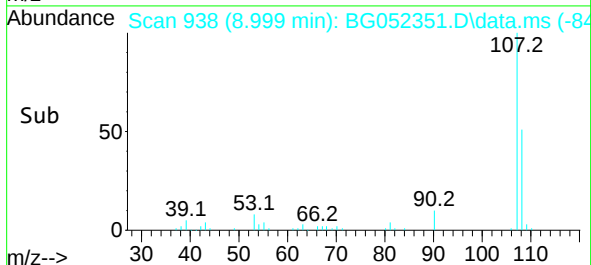
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

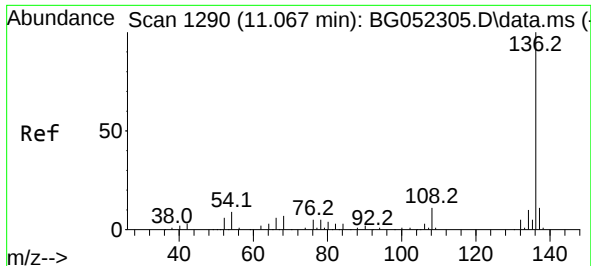


#20
3+4-Methylphenols
Concen: 50.775 ng
RT: 8.999 min Scan# 938
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:107 Resp: 94220
Ion Ratio Lower Upper
107 100
108 89.8 71.9 111.9
77 38.4 24.6 64.6
79 34.1 18.2 58.2





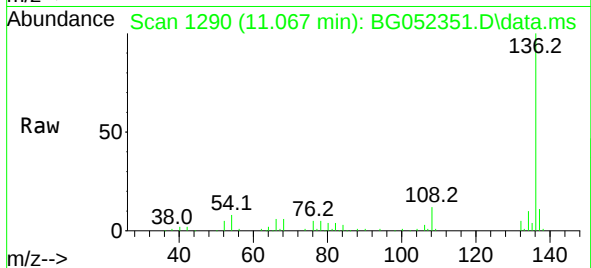
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

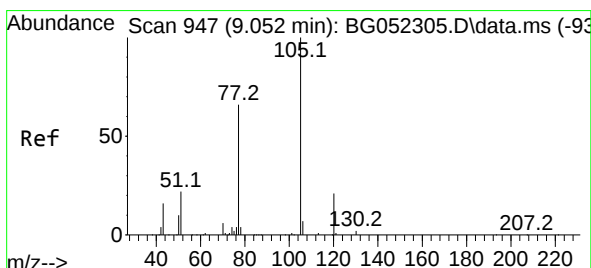
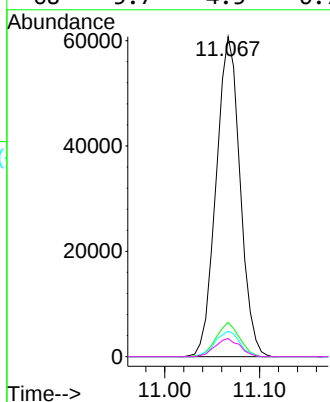
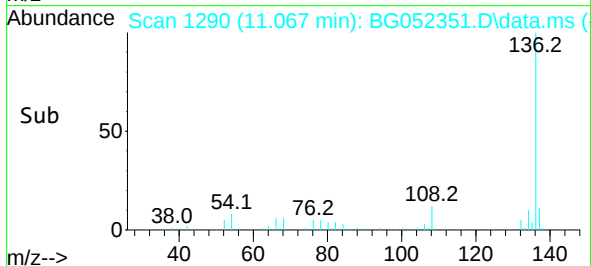


Tgt Ion:136 Resp: 106539
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.0 8.3 12.5
68 5.7 4.5 6.7

Manual Integrations

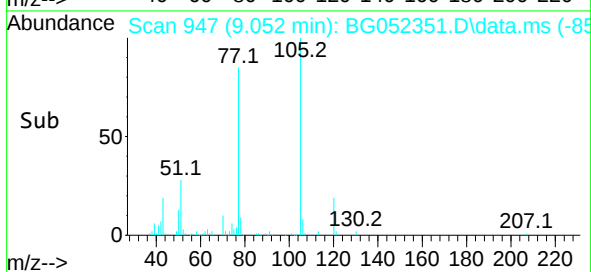
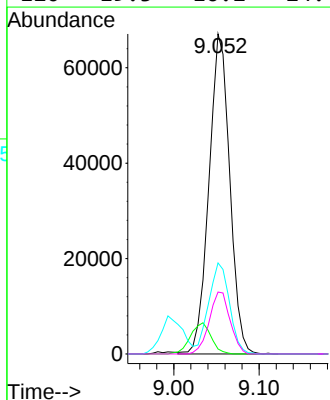
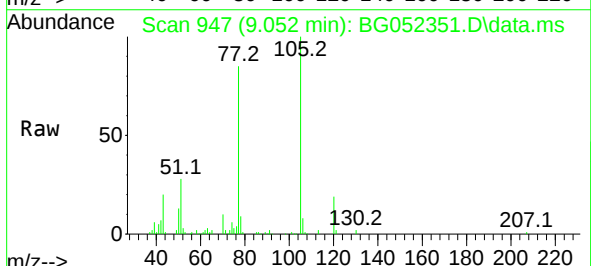
APPROVED

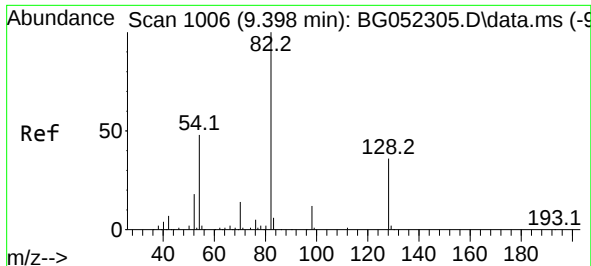
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#22
Acetophenone
Concen: 40.293 ng
RT: 9.052 min Scan# 947
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

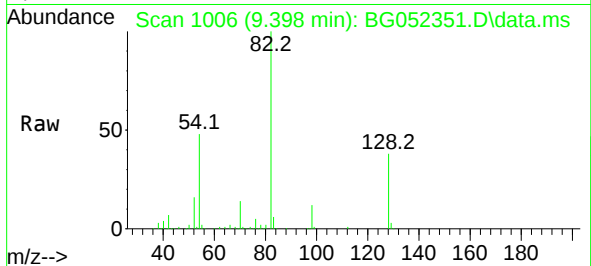
Tgt Ion:105 Resp: 113455
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.6#
51 28.4 27.0 40.4
120 19.3 16.2 24.4





#23
Nitrobenzene-d5
Concen: 72.946 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

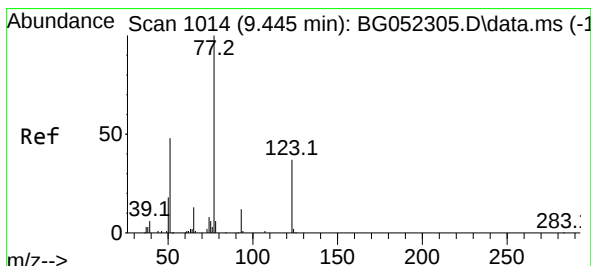
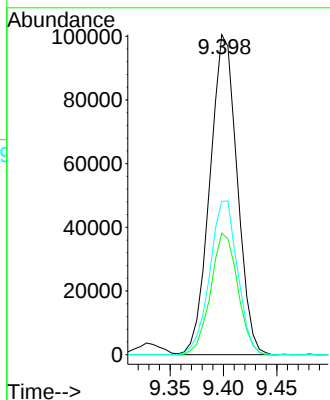
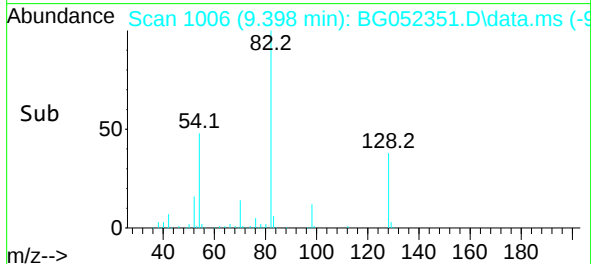
Instrument :
BNA_G
ClientSampleId :
PB142516BS



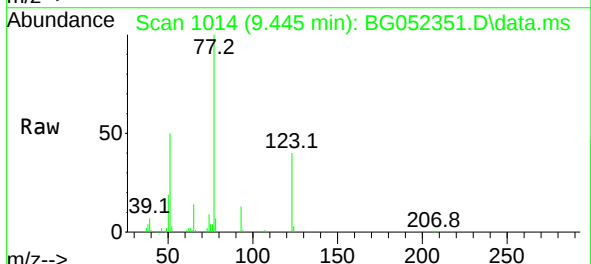
Tgt Ion: 82 Resp: 17881
Ion Ratio Lower Upper
82 100
128 37.9 27.0 40.4
54 47.9 41.0 61.6

Manual Integrations
APPROVED

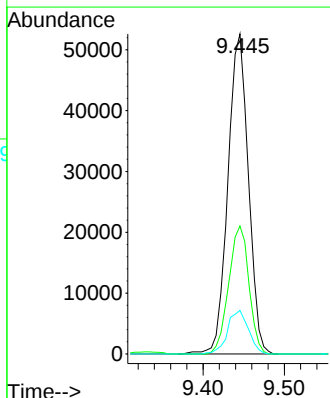
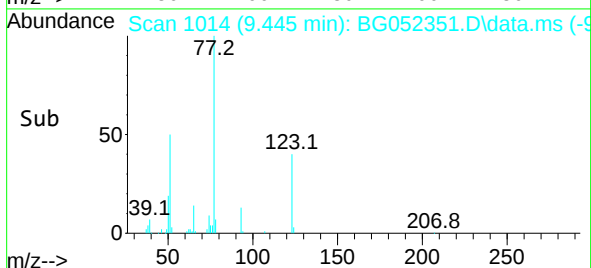
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

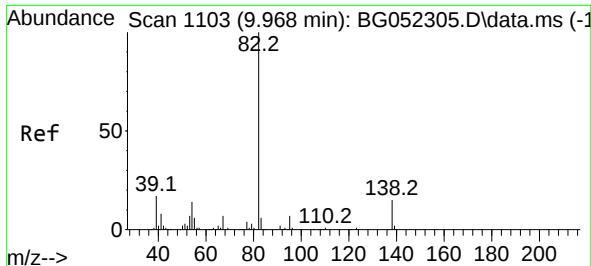


#24
Nitrobenzene
Concen: 39.549 ng
RT: 9.445 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



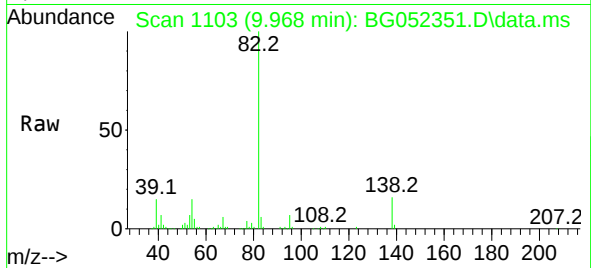
Tgt Ion: 77 Resp: 91963
Ion Ratio Lower Upper
77 100
123 40.0 27.1 40.7
65 13.6 11.2 16.8





#25
Isophorone
Concen: 41.455 ng
RT: 9.968 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

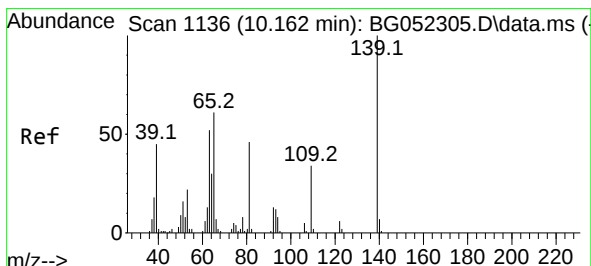
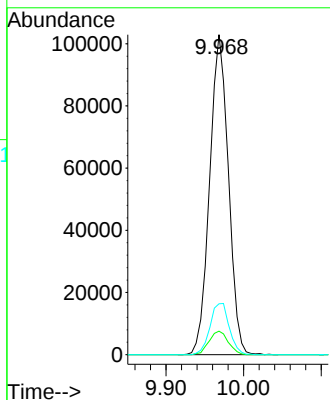
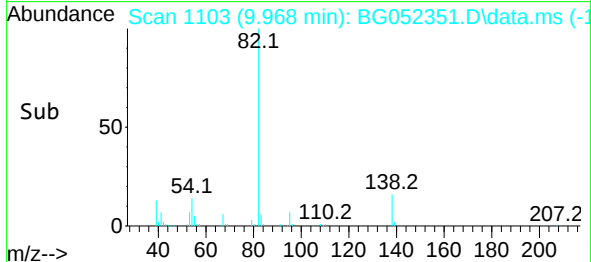
Instrument :
BNA_G
ClientSampleId :
PB142516BS



Tgt Ion: 82 Resp: 172908
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 15.9 12.5 18.7

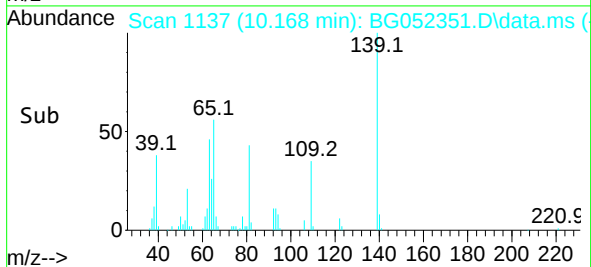
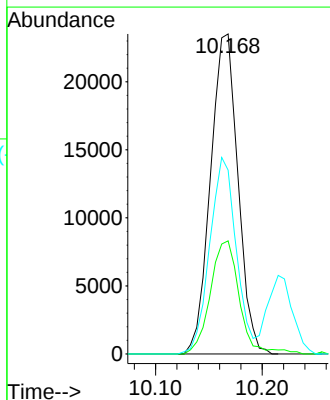
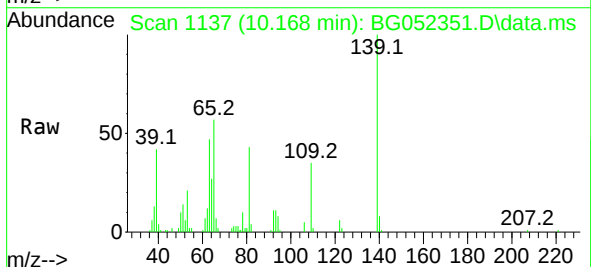
Manual Integrations
APPROVED

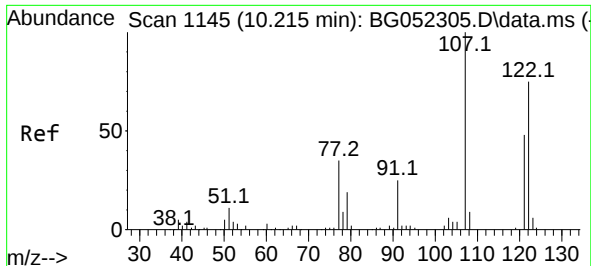
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#26
2-Nitrophenol
Concen: 42.638 ng
RT: 10.168 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion:139 Resp: 42024
Ion Ratio Lower Upper
139 100
109 35.3 30.4 45.6
65 57.4 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 52.340 ng

RT: 10.215 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

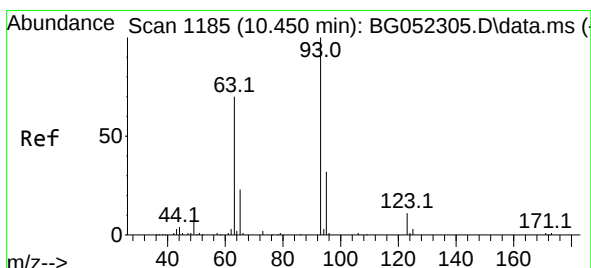
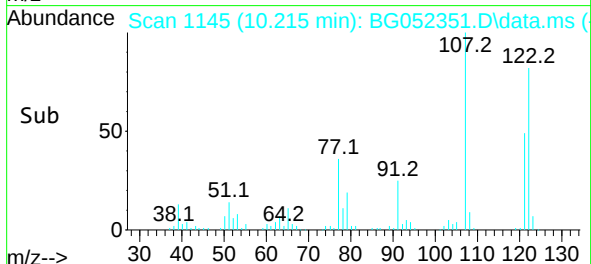
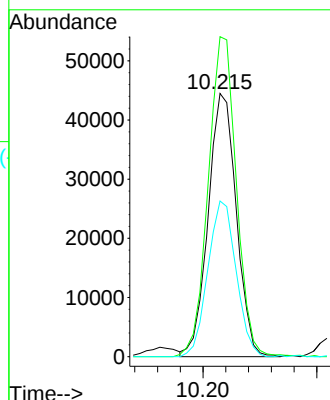
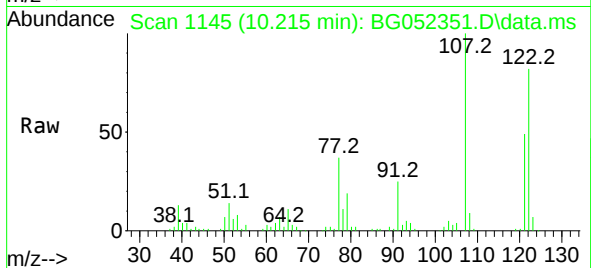
PB142516BS

Tgt Ion:122 Resp: 7637
 Ion Ratio Lower Upper
 122 100
 107 121.6 105.8 158.8
 121 59.1 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.741 ng

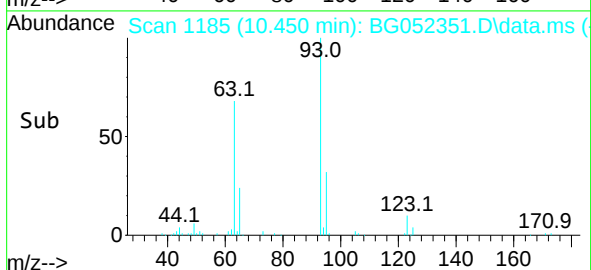
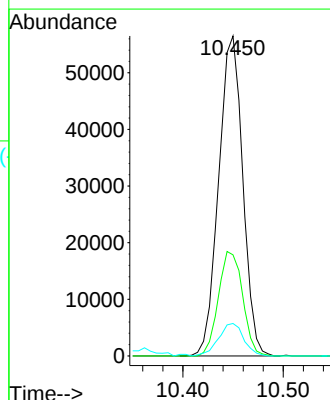
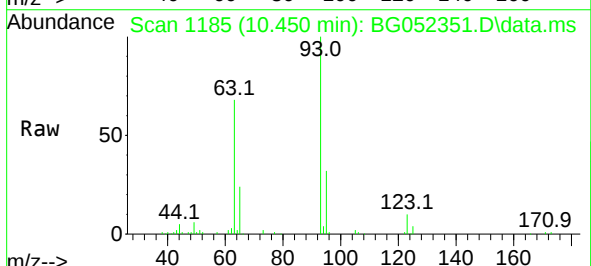
RT: 10.450 min Scan# 1185

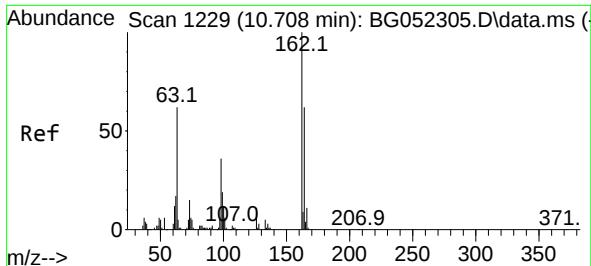
Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Tgt Ion: 93 Resp: 94072
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.1 39.1
 123 10.2 7.6 11.4





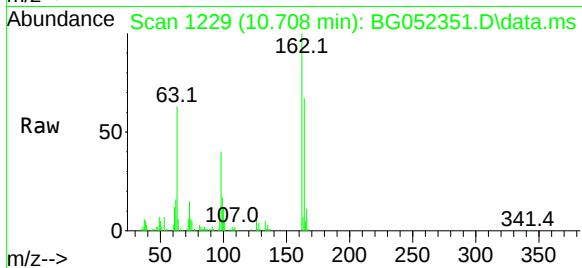
#29
2,4-Dichlorophenol
Concen: 46.181 ng
RT: 10.708 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

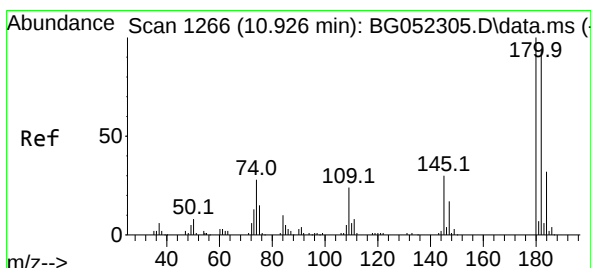
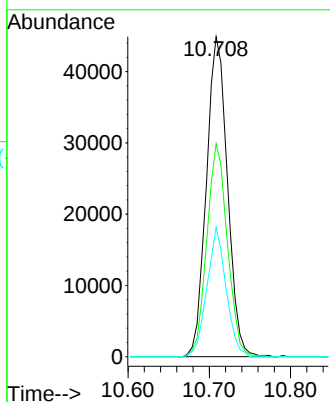
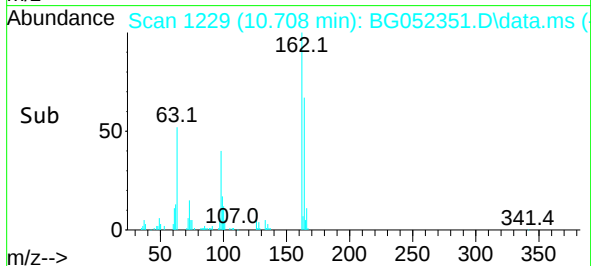


Tgt Ion:162 Resp: 80775
Ion Ratio Lower Upper
162 100
164 66.6 44.3 84.3
98 40.4 17.2 57.2

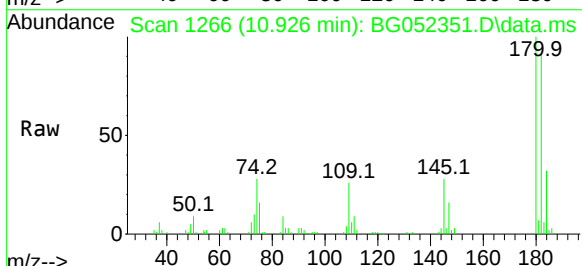
Manual Integrations

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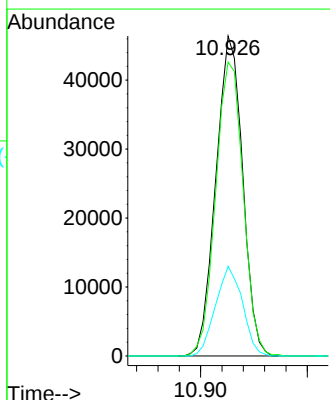
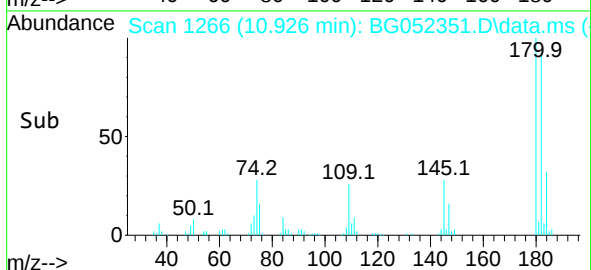
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

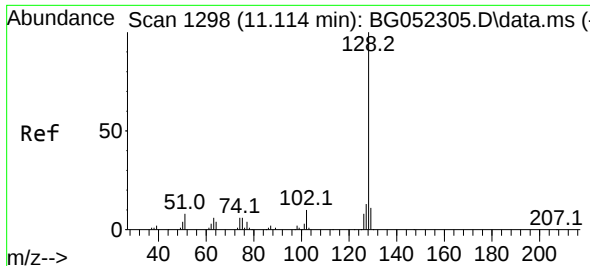


#30
1,2,4-Trichlorobenzene
Concen: 39.579 ng
RT: 10.926 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



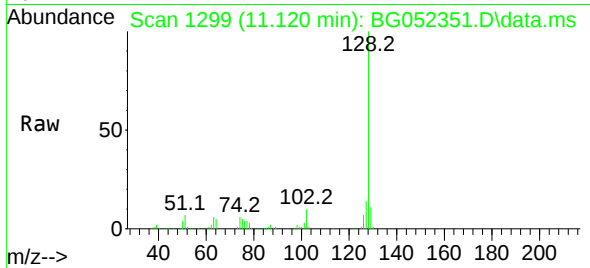
Tgt Ion:180 Resp: 80839
Ion Ratio Lower Upper
180 100
182 91.9 76.1 114.1
145 28.0 24.0 36.0





#31
Naphthalene
Concen: 40.913 ng
RT: 11.120 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

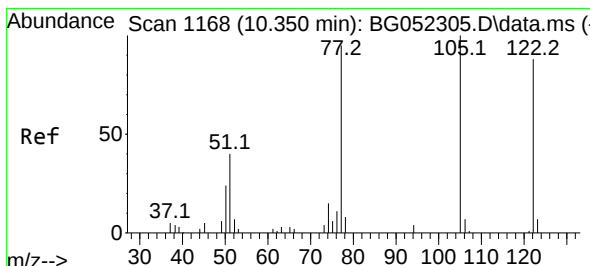
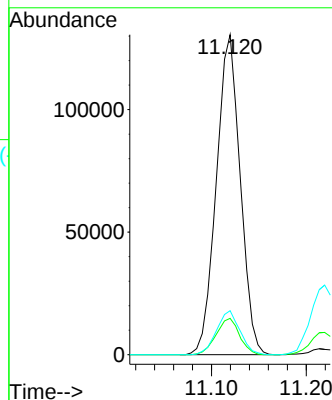
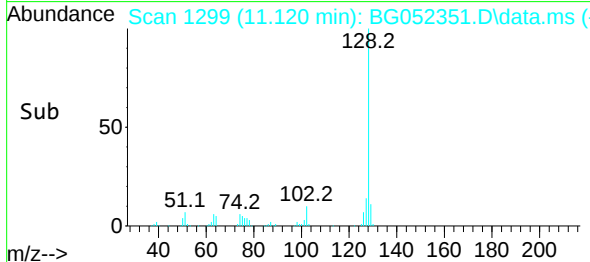
Instrument :
BNA_G
ClientSampleId :
PB142516BS



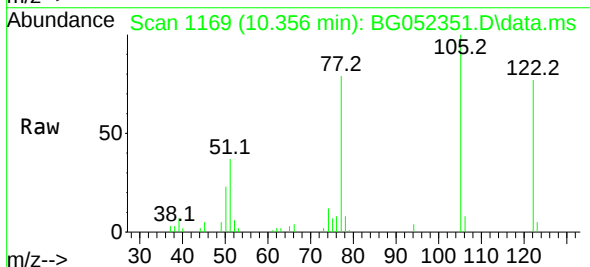
Tgt Ion:128 Resp: 228509
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 13.7 12.0 18.0

Manual Integrations
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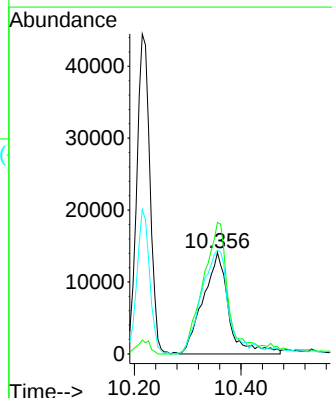
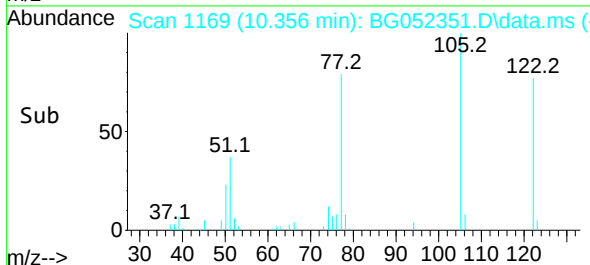
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

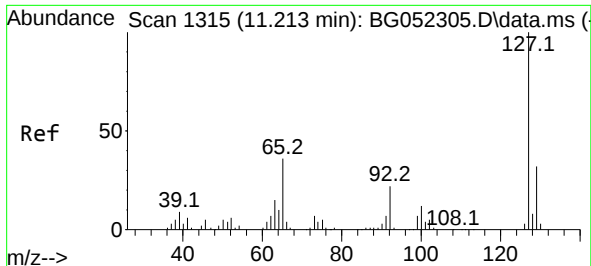


#32
Benzoic acid
Concen: 49.555 ng
RT: 10.356 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:122 Resp: 46965
Ion Ratio Lower Upper
122 100
105 129.5 109.2 149.2
77 102.4 92.8 132.8





#33
4-Chloroaniline
Concen: 23.086 ng
RT: 11.219 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

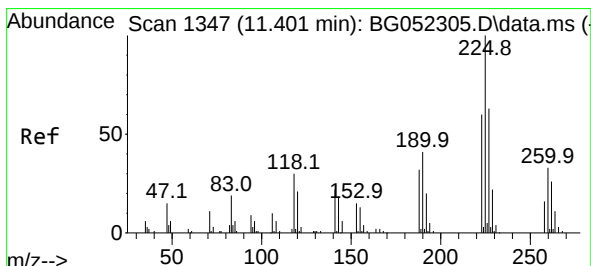
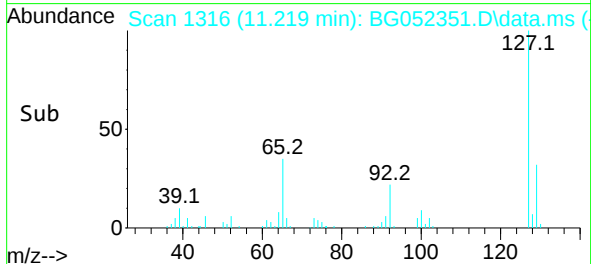
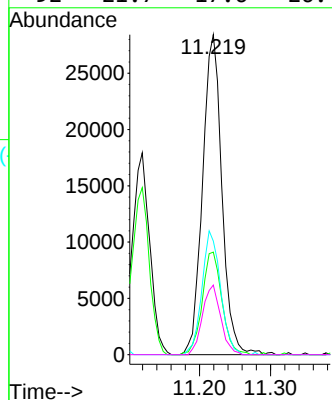
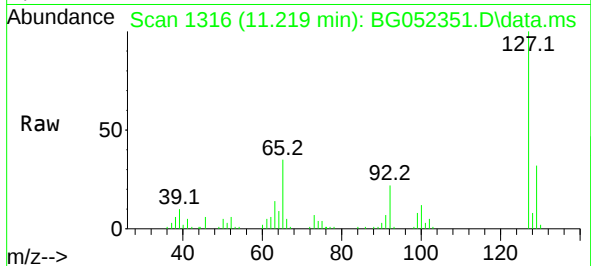
PB142516BS

Tgt Ion:127 Resp: 5383
Ion Ratio Lower Upper
127 100
129 32.0 27.0 40.6
65 35.5 28.7 43.1
92 21.7 17.6 26.4

Manual Integrations

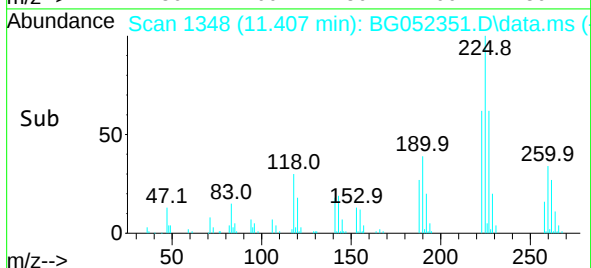
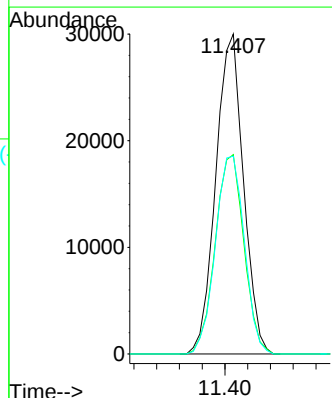
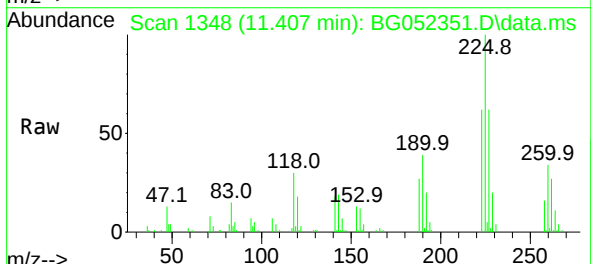
APPROVED

Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#34
Hexachlorobutadiene
Concen: 36.712 ng
RT: 11.407 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

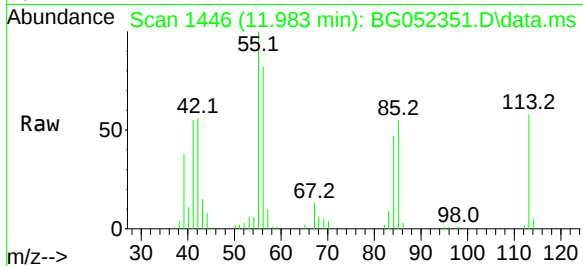
Tgt Ion:225 Resp: 50639
Ion Ratio Lower Upper
225 100
223 62.3 51.6 77.4
227 61.8 53.9 80.9





#35
Caprolactam
Concen: 49.895 ng m
RT: 11.983 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

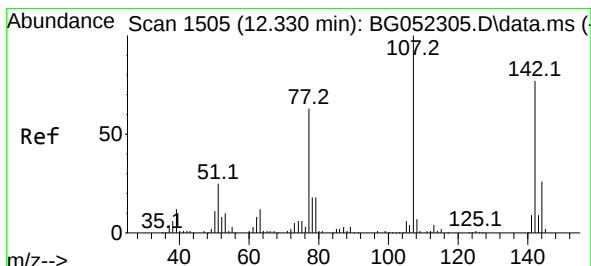
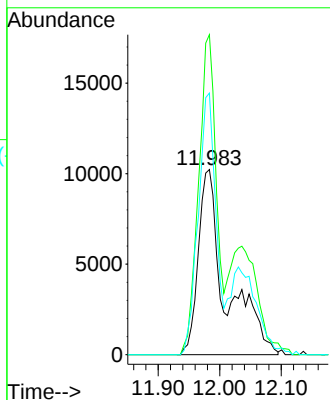
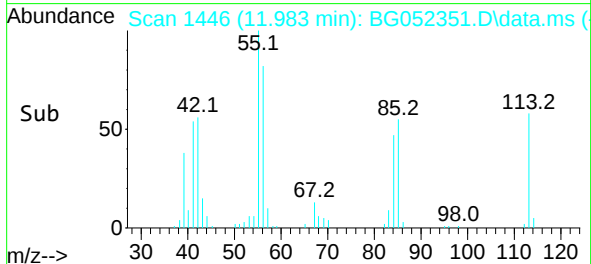
Instrument :
BNA_G
ClientSampleId :
PB142516BS



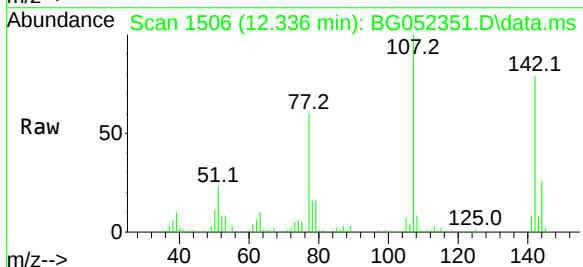
Tgt Ion:113 Resp: 31804
Ion Ratio Lower Upper
113 100
55 172.9 161.4 201.4
56 141.4 132.6 172.6

Manual Integrations
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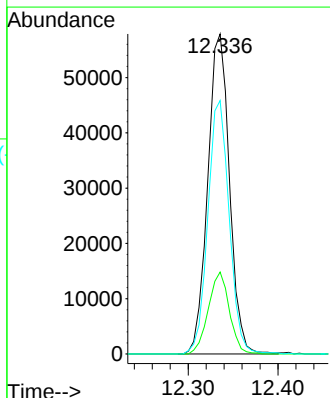
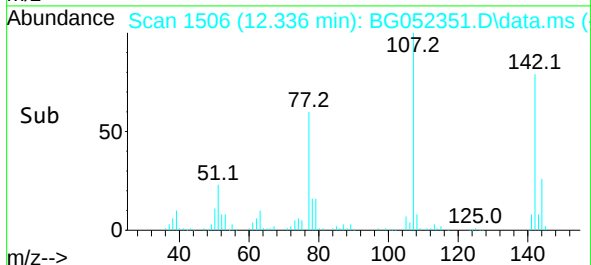
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

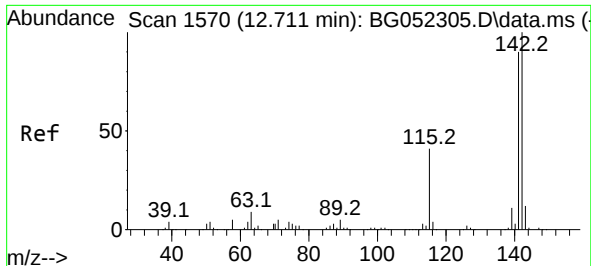


#36
4-Chloro-3-methylphenol
Concen: 48.863 ng
RT: 12.336 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:107 Resp: 97234
Ion Ratio Lower Upper
107 100
144 25.6 19.3 28.9
142 79.2 63.9 95.9





#37

2-Methylnaphthalene

Concen: 43.457 ng

RT: 12.712 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

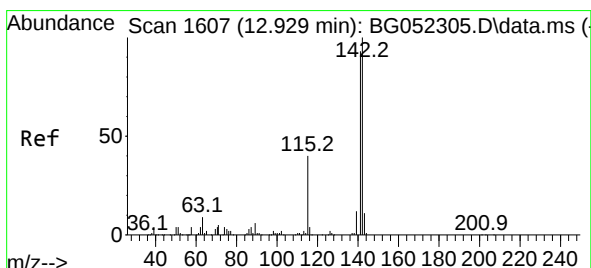
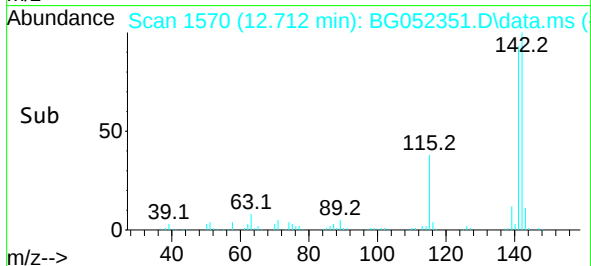
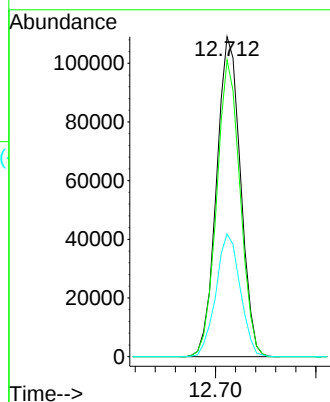
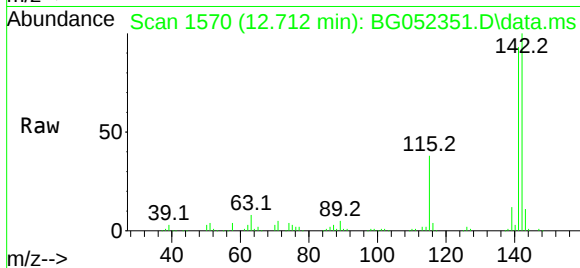
PB142516BS

Tgt Ion:142 Resp: 180278
 Ion Ratio Lower Upper
 142 100
 141 92.7 71.7 107.5
 115 38.3 32.2 48.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#38

1-Methylnaphthalene

Concen: 41.830 ng

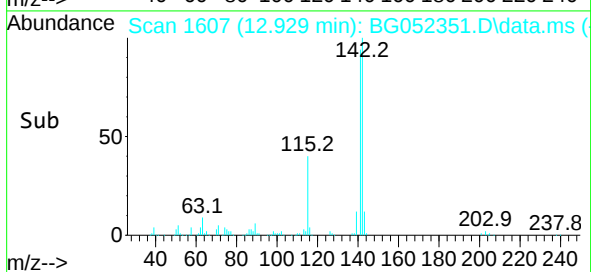
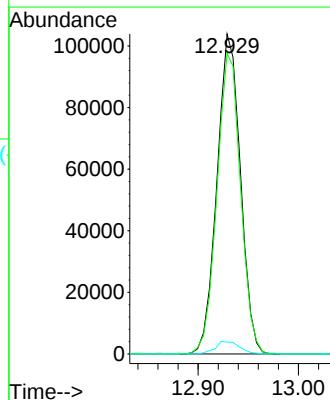
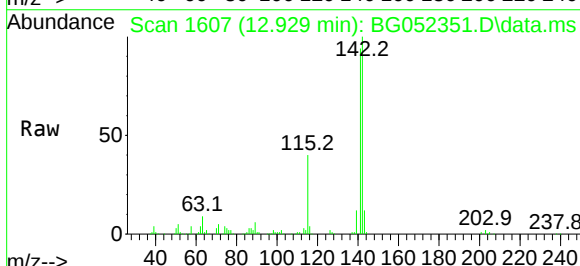
RT: 12.929 min Scan# 1607

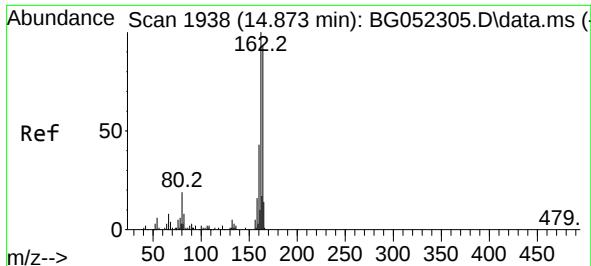
Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Tgt Ion:142 Resp: 168149
 Ion Ratio Lower Upper
 142 100
 141 94.0 75.0 112.4
 116 3.7 4.2 6.4#





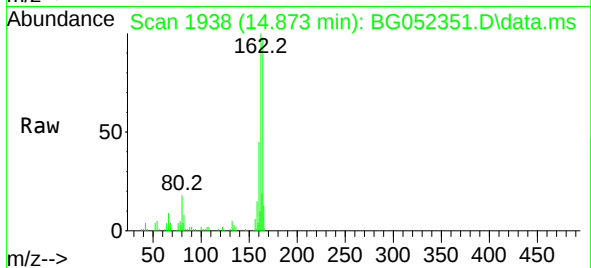
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

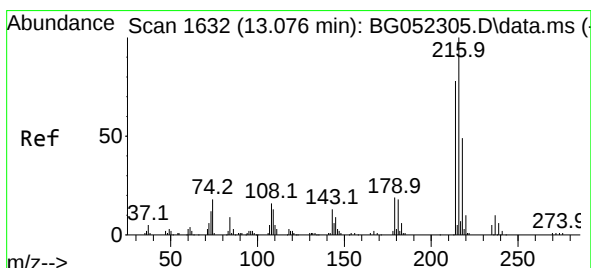
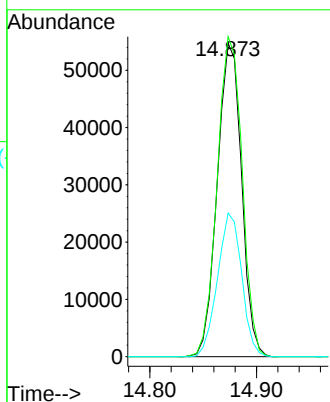
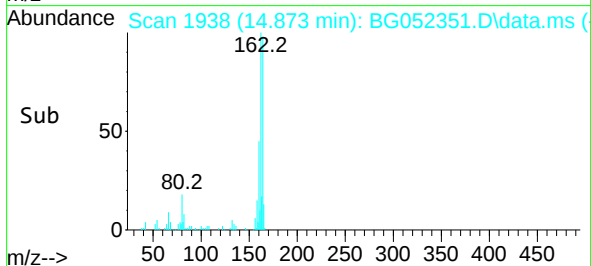
PB142516BS



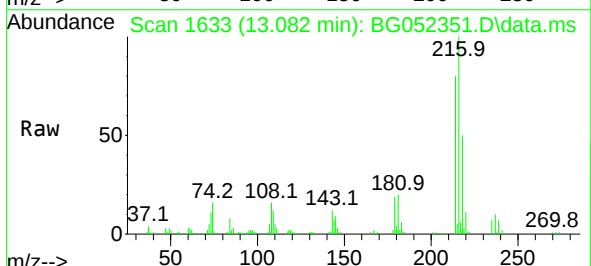
Tgt Ion:164 Resp: 8641
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 45.8 36.2 54.2

Manual Integrations
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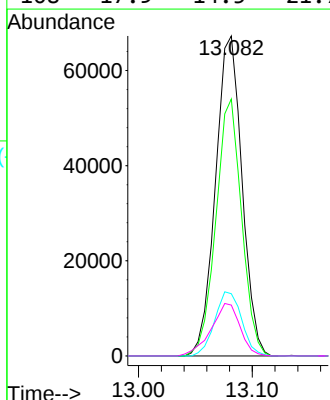
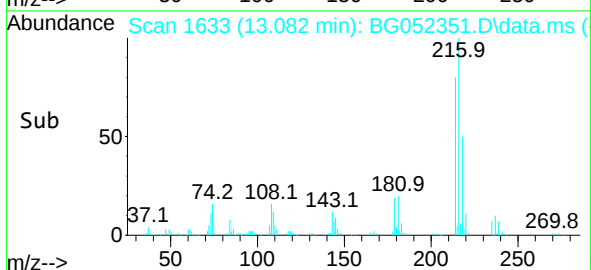
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

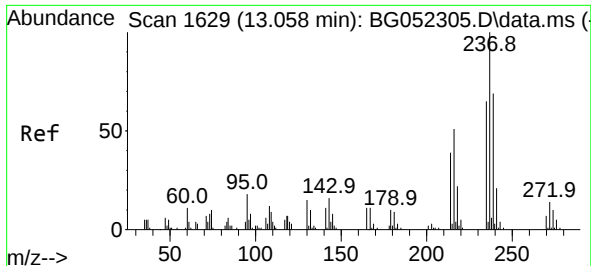


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.340 ng
RT: 13.082 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



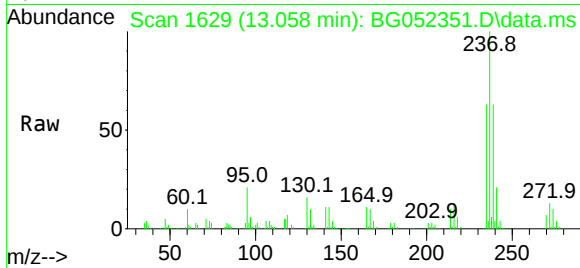
Tgt Ion:216 Resp: 108978
Ion Ratio Lower Upper
216 100
214 77.7 63.2 94.8
179 20.4 16.3 24.5
108 17.9 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 83.043 ng
RT: 13.058 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

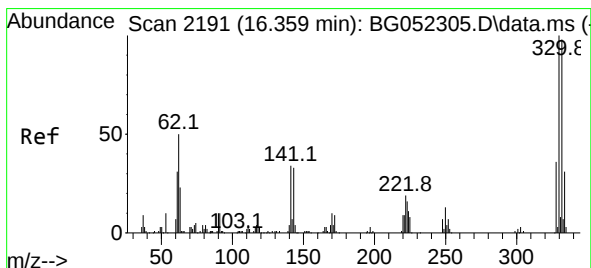
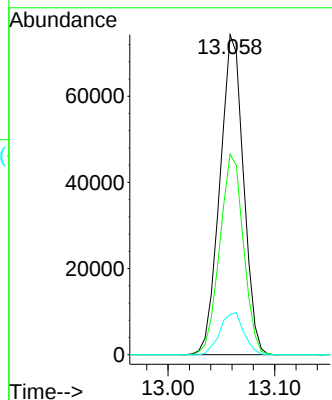
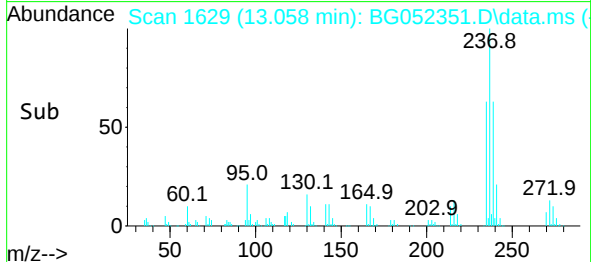
Instrument :
BNA_G
ClientSampleId :
PB142516BS



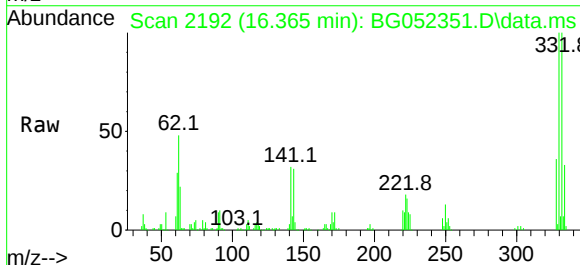
Tgt Ion:237 Resp: 11399
Ion Ratio Lower Upper
237 100
235 62.6 45.9 85.9
272 12.5 0.0 33.0

Manual Integrations
APPROVED

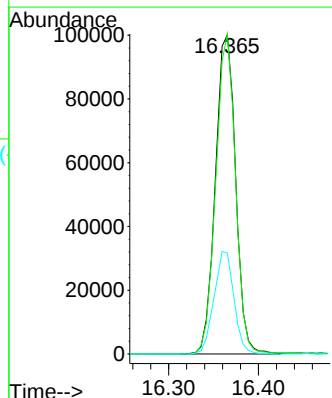
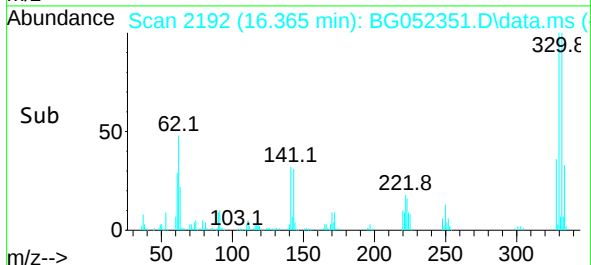
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

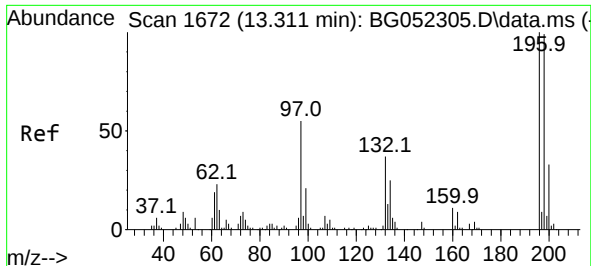


#42
2,4,6-Tribromophenol
Concen: 126.129 ng
RT: 16.365 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



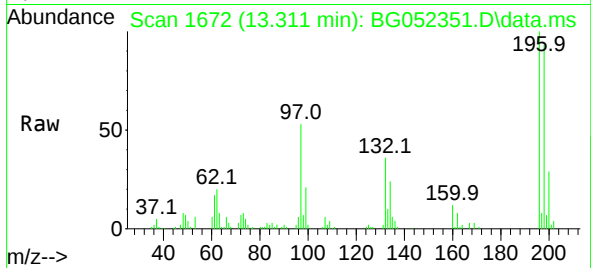
Tgt Ion:330 Resp: 156592
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 31.7 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 42.610 ng
RT: 13.311 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

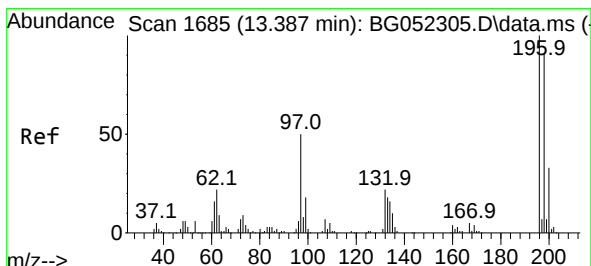
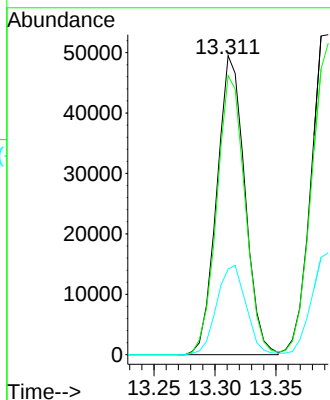
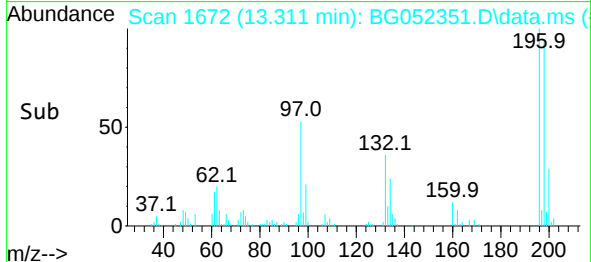
Instrument :
BNA_G
ClientSampleId :
PB142516BS



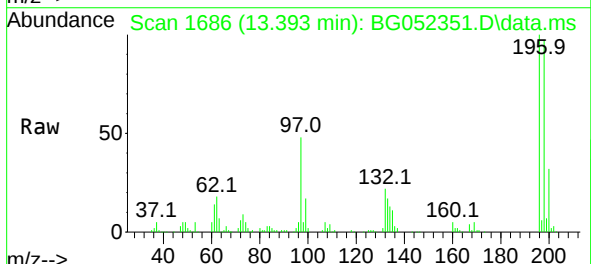
Tgt Ion:196 Resp: 79210
Ion Ratio Lower Upper
196 100
198 93.3 78.4 117.6
200 28.6 28.5 42.7

Manual Integrations
APPROVED

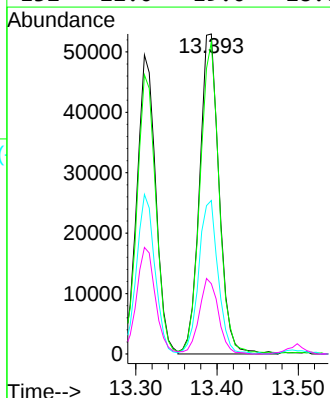
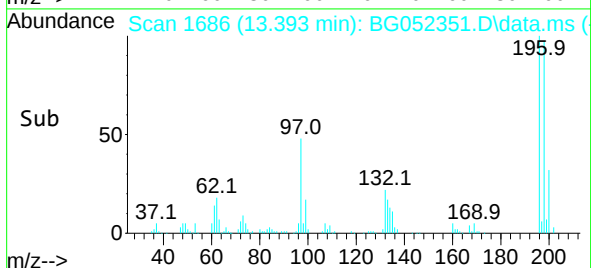
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#44
2,4,5-Trichlorophenol
Concen: 43.866 ng
RT: 13.393 min Scan# 1686
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



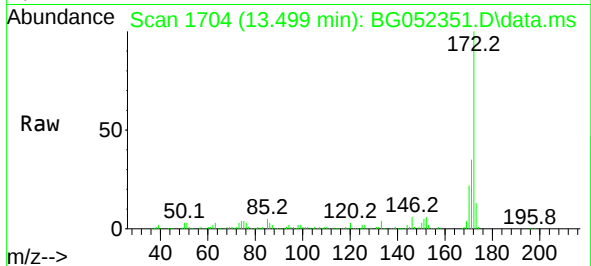
Tgt Ion:196 Resp: 88370
Ion Ratio Lower Upper
196 100
198 97.4 78.6 118.0
97 48.0 43.8 65.8
132 22.0 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 72.871 ng
RT: 13.499 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

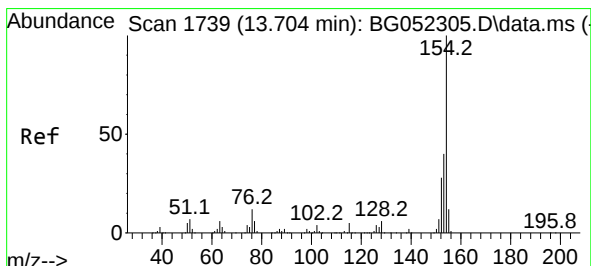
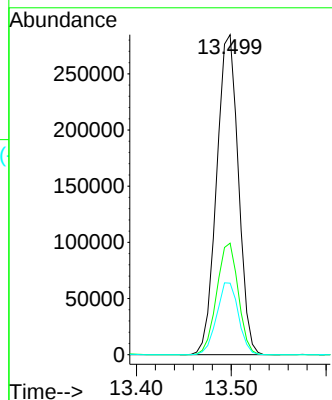
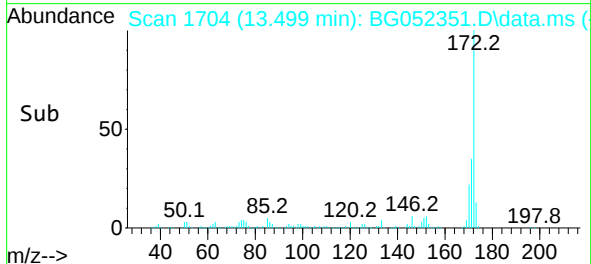
Instrument :
BNA_G
ClientSampleId :
PB142516BS



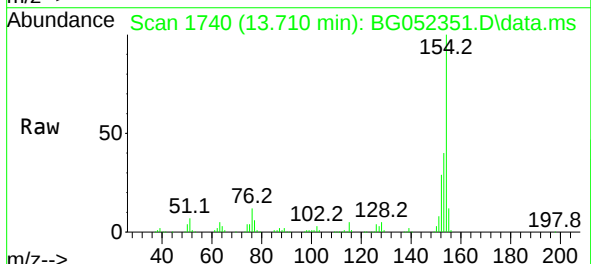
Tgt Ion:172 Resp: 45319
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.3 18.3 27.5

Manual Integrations
APPROVED

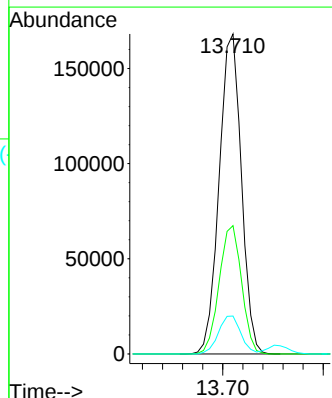
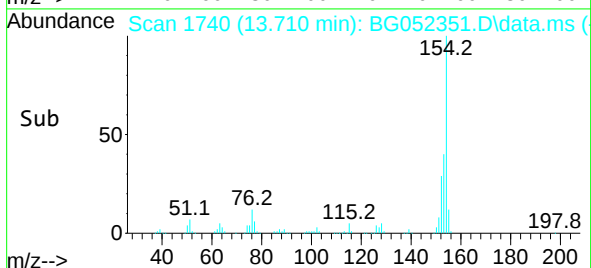
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

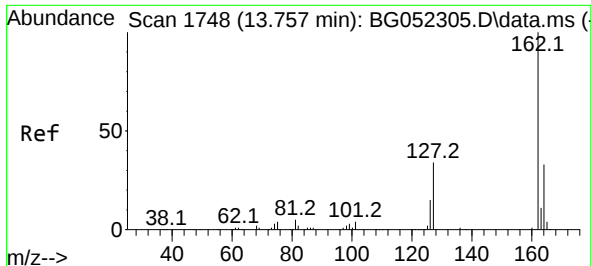


#46
1,1'-Biphenyl
Concen: 40.580 ng
RT: 13.710 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



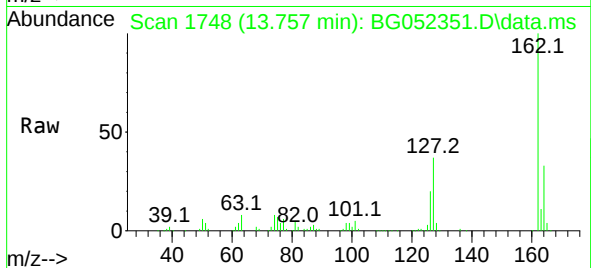
Tgt Ion:154 Resp: 257147
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 11.9 0.0 32.6





#47
2-Chloronaphthalene
Concen: 39.090 ng
RT: 13.757 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

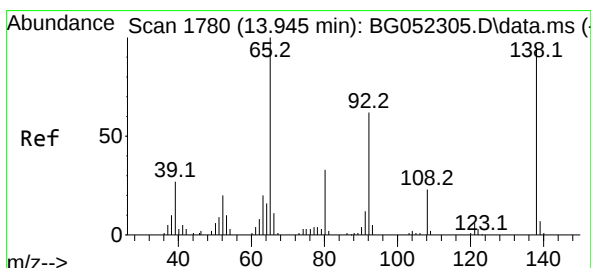
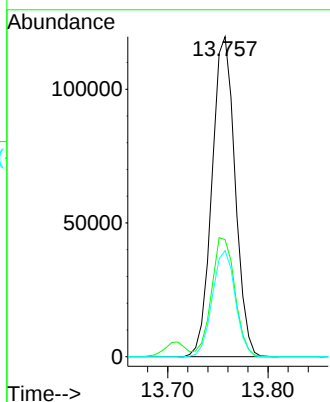
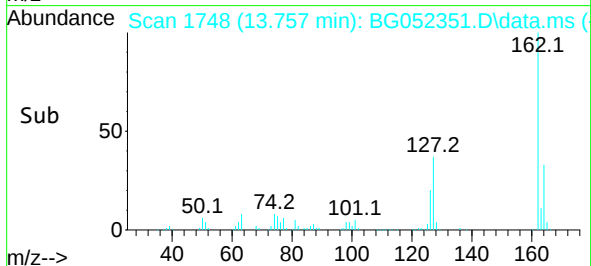
Instrument :
BNA_G
ClientSampleId :
PB142516BS



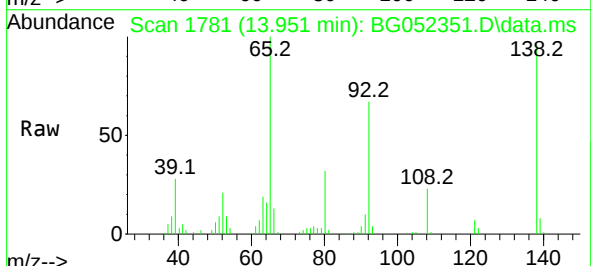
Tgt Ion:162 Resp: 19084
Ion Ratio Lower Upper
162 100
127 36.6 30.4 45.6
164 33.1 25.0 37.4

Manual Integrations
APPROVED

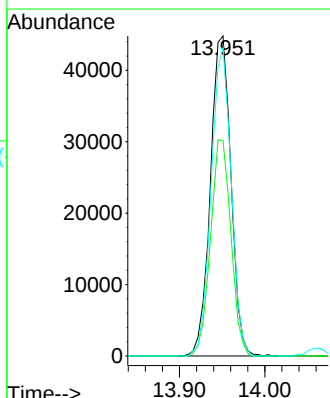
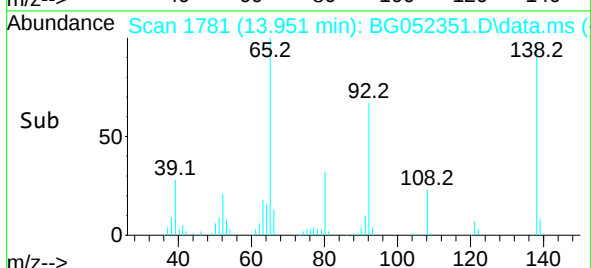
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#48
2-Nitroaniline
Concen: 43.174 ng
RT: 13.951 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion: 65 Resp: 75041
Ion Ratio Lower Upper
65 100
92 67.2 51.0 76.6
138 96.3 72.4 108.6





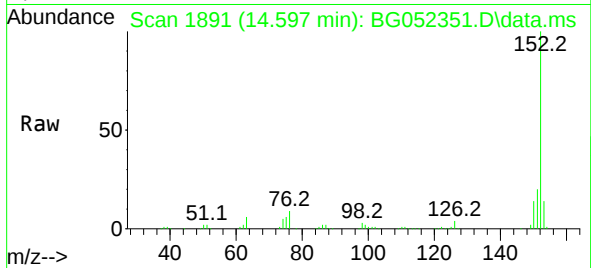
#49
Acenaphthylene
Concen: 41.470 ng
RT: 14.597 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

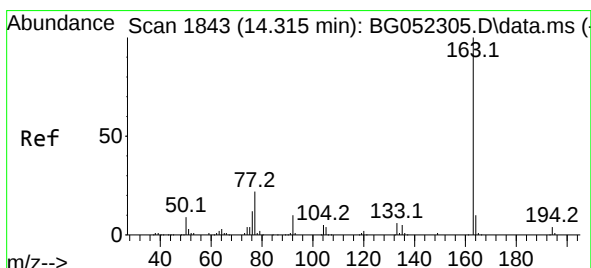
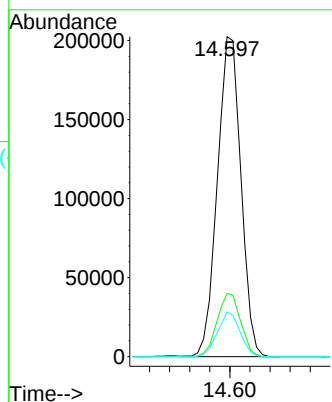
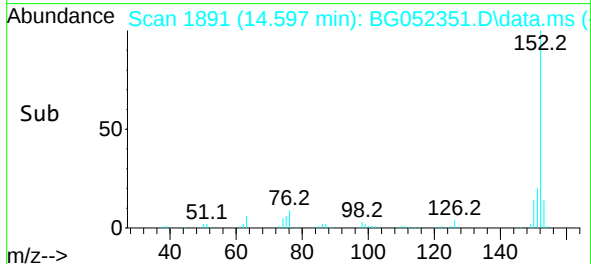


Tgt Ion:152 Resp: 32956
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 14.0 10.8 16.2

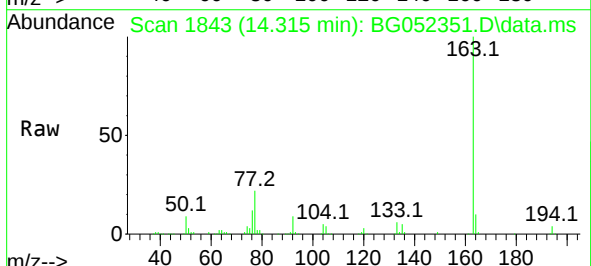
Manual Integrations

APPROVED

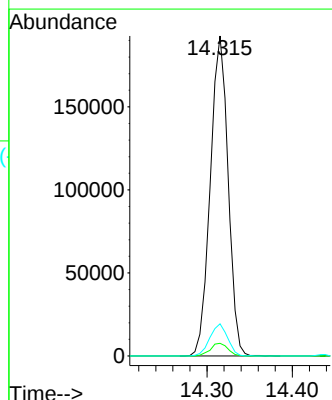
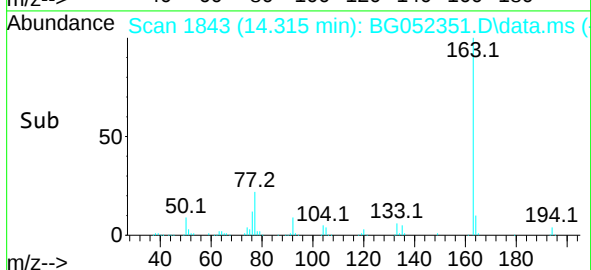
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

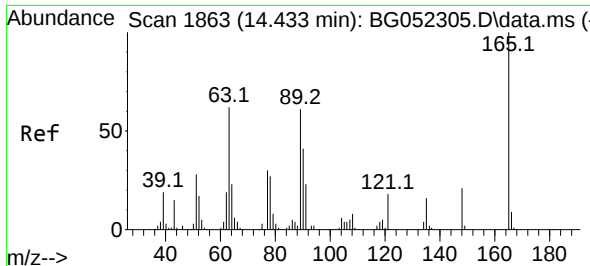


#50
Dimethylphthalate
Concen: 42.184 ng
RT: 14.315 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:163 Resp: 279256
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.0 8.4 12.6





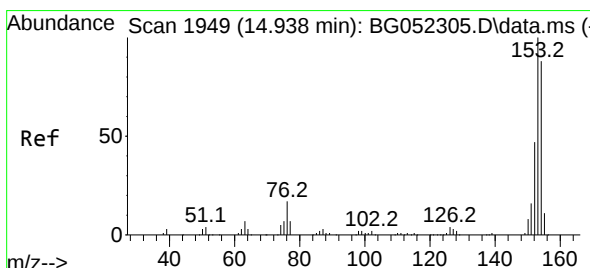
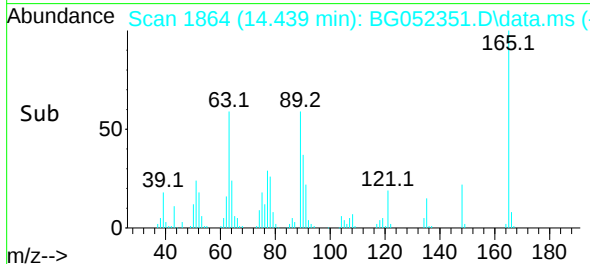
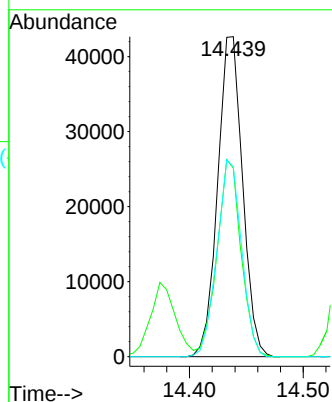
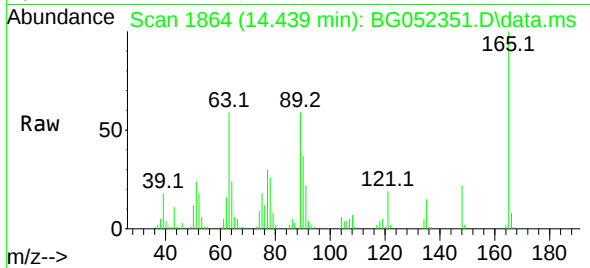
#51
2,6-Dinitrotoluene
Concen: 45.467 ng
RT: 14.439 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :
BNA_G
ClientSampleId :
PB142516BS

Tgt Ion:165 Resp: 64952
Ion Ratio Lower Upper
165 100
63 58.9 59.0 88.4
89 59.3 49.4 74.0

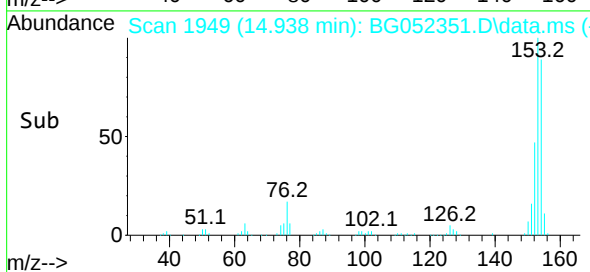
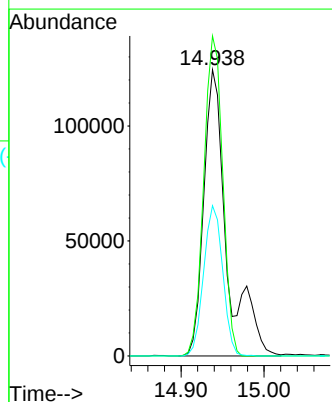
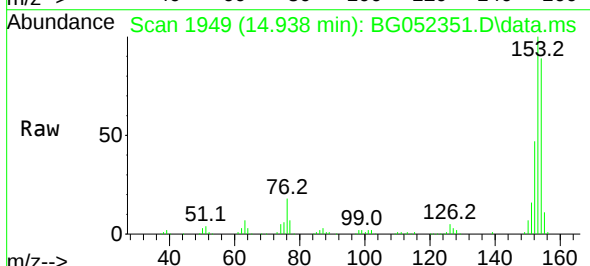
Manual Integrations
APPROVED

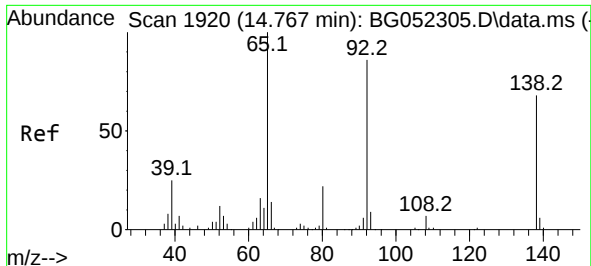
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#52
Acenaphthene
Concen: 46.278 ng m
RT: 14.938 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

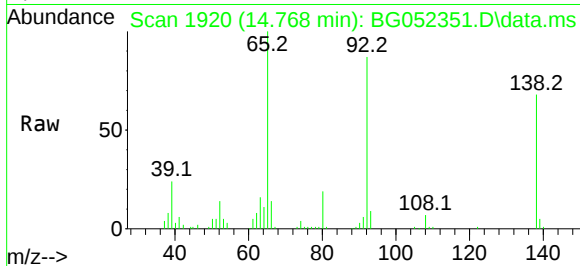
Tgt Ion:154 Resp: 240866
Ion Ratio Lower Upper
154 100
153 111.8 91.9 137.9
152 52.5 43.4 65.2





#53
3-Nitroaniline
Concen: 26.966 ng
RT: 14.768 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

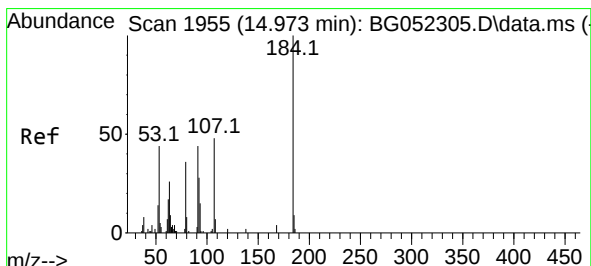
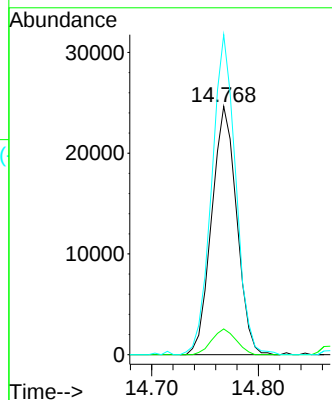
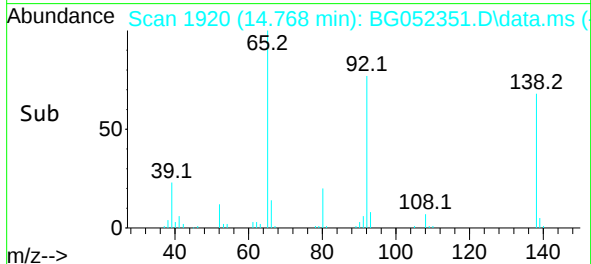
Instrument :
BNA_G
ClientSampleId :
PB142516BS



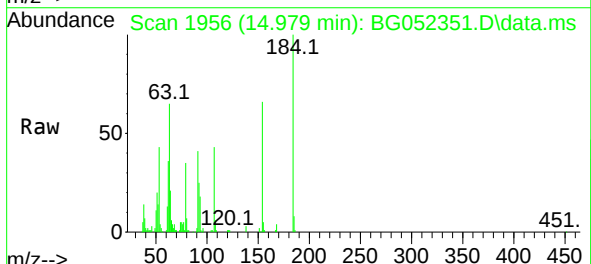
Tgt Ion:138 Resp: 4004
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 128.9 100.4 150.6

Manual Integrations
APPROVED

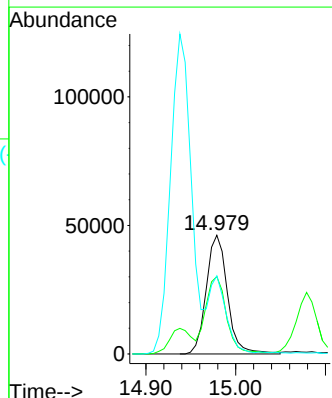
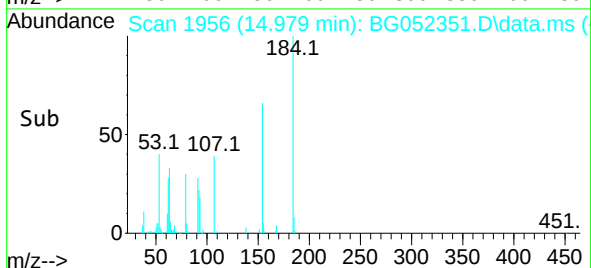
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

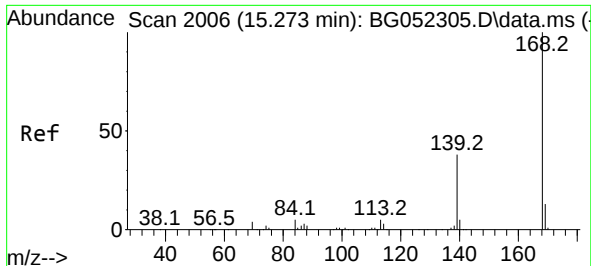


#54
2,4-Dinitrophenol
Concen: 85.165 ng
RT: 14.979 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



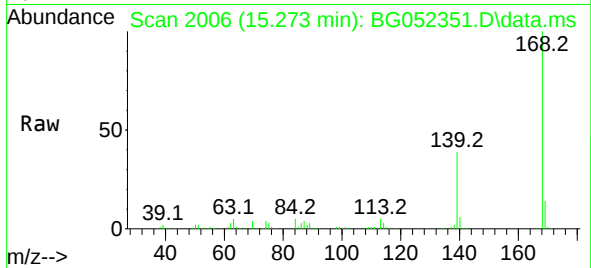
Tgt Ion:184 Resp: 75641
Ion Ratio Lower Upper
184 100
63 65.3 56.0 84.0
154 65.8 50.2 75.2





#55
Dibenzofuran
Concen: 39.291 ng
RT: 15.273 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

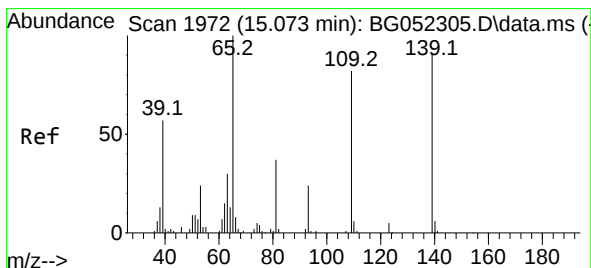
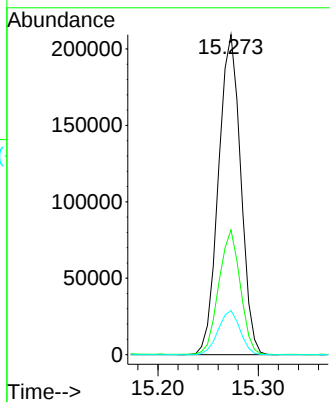
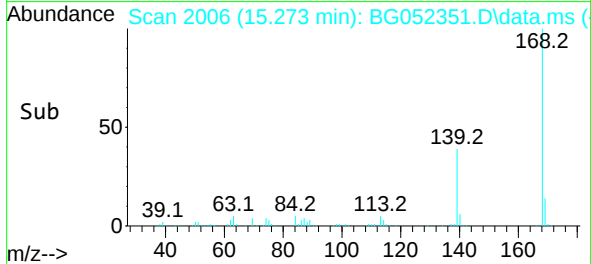
Instrument :
BNA_G
ClientSampleId :
PB142516BS



Tgt Ion:168 Resp: 321599
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1
169 13.8 10.9 16.3

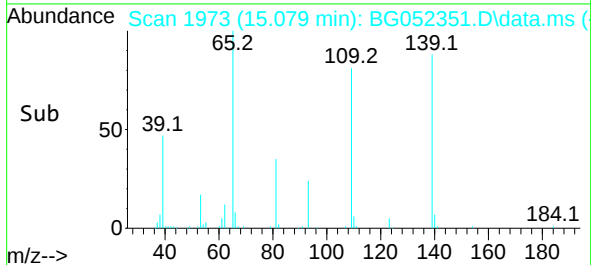
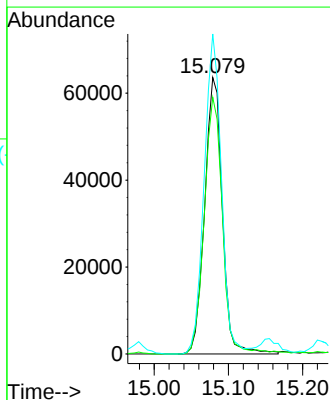
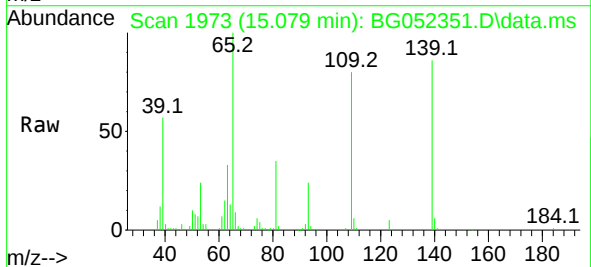
Manual Integrations
APPROVED

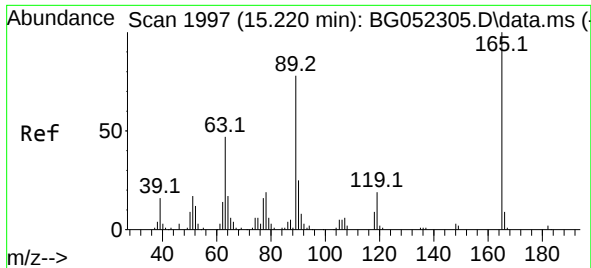
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#56
4-Nitrophenol
Concen: 94.771 ng
RT: 15.079 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion:139 Resp: 105681
Ion Ratio Lower Upper
139 100
109 92.8 84.9 124.9
65 115.7 109.9 149.9





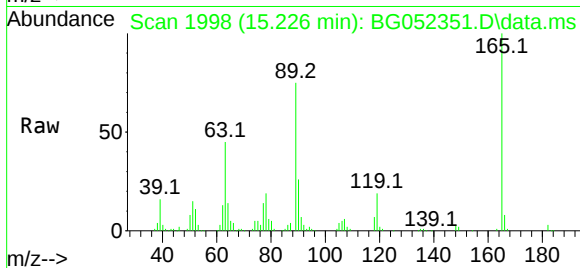
#57
2,4-Dinitrotoluene
Concen: 46.115 ng
RT: 15.226 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

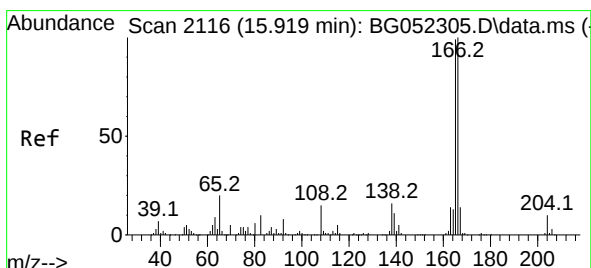
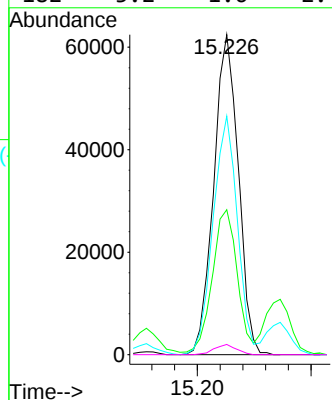
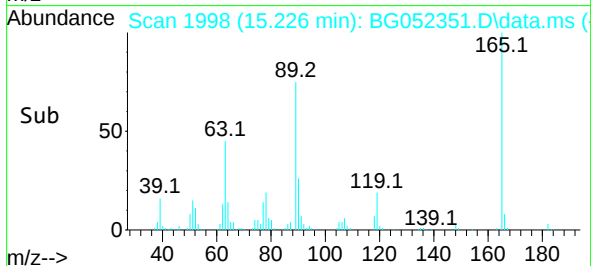


Tgt Ion:165 Resp: 93764
Ion Ratio Lower Upper
165 100
63 45.3 44.6 66.8
89 74.6 67.4 101.0
182 3.2 1.6 2.4#

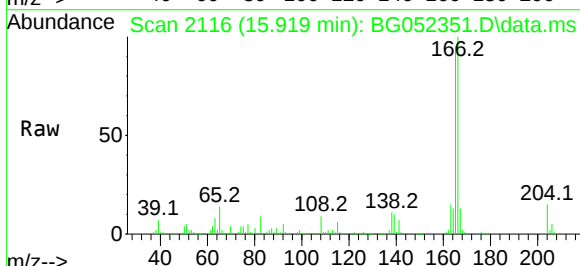
Manual Integrations

APPROVED

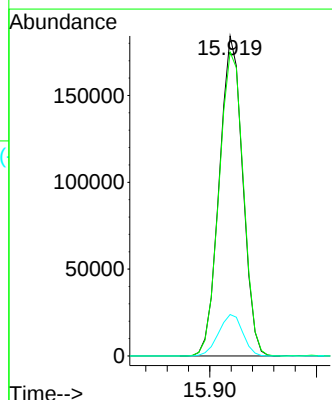
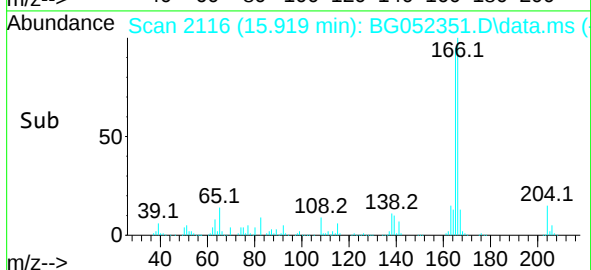
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#58
Fluorene
Concen: 42.842 ng
RT: 15.919 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:166 Resp: 279940
Ion Ratio Lower Upper
166 100
165 95.0 80.0 120.0
167 12.9 11.1 16.7





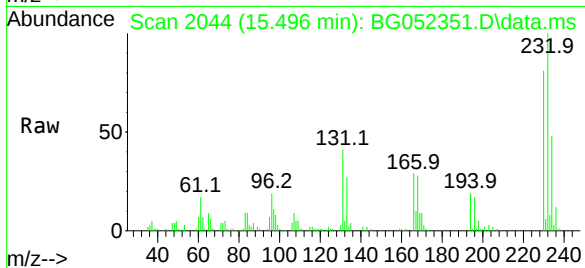
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.852 ng
RT: 15.496 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

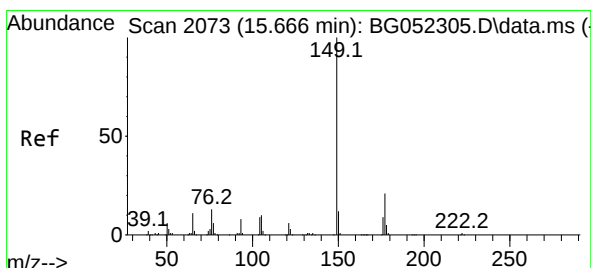
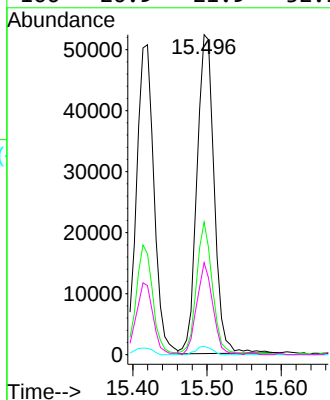
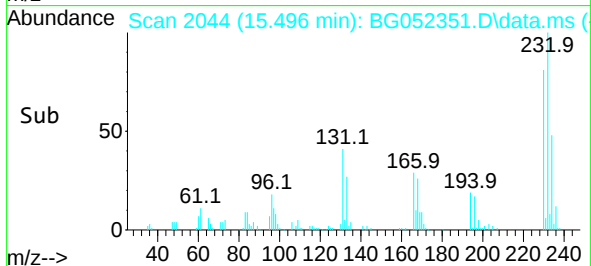


Tgt Ion:232 Resp: 84392
Ion Ratio Lower Upper
232 100
131 38.3 32.2 48.4
130 2.4 2.2 3.4
166 26.9 21.9 32.9

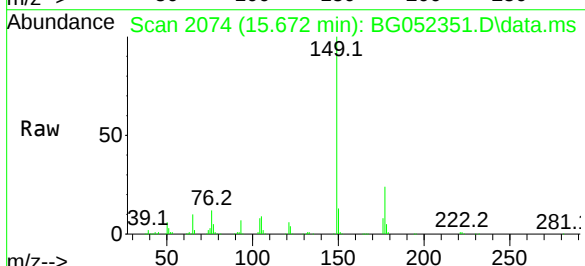
Manual Integrations

APPROVED

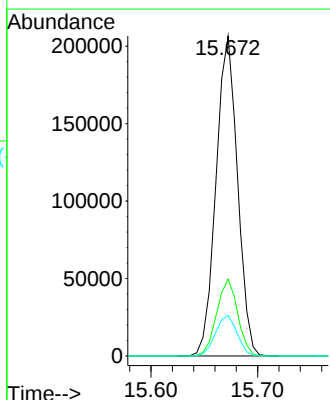
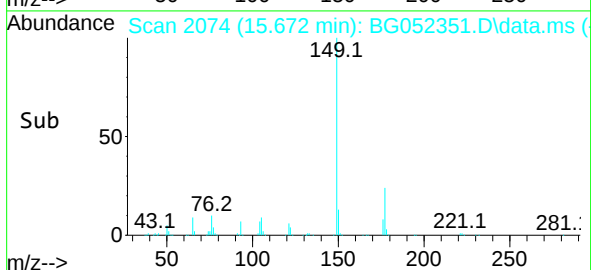
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

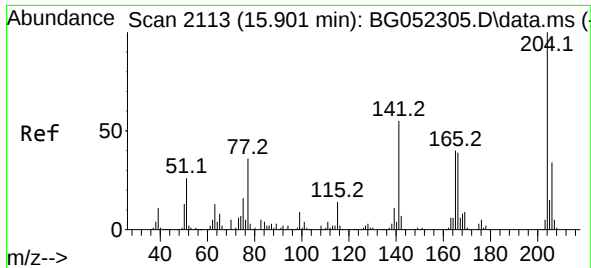


#60
Diethylphthalate
Concen: 43.120 ng
RT: 15.672 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



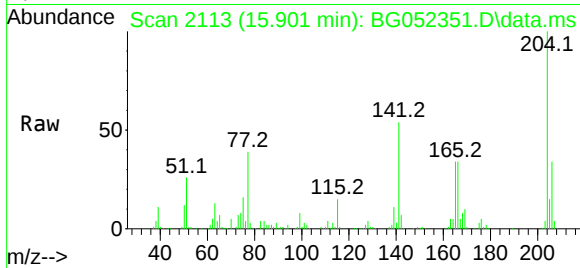
Tgt Ion:149 Resp: 288361
Ion Ratio Lower Upper
149 100
177 24.1 17.8 26.6
150 12.6 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 40.675 ng
RT: 15.901 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

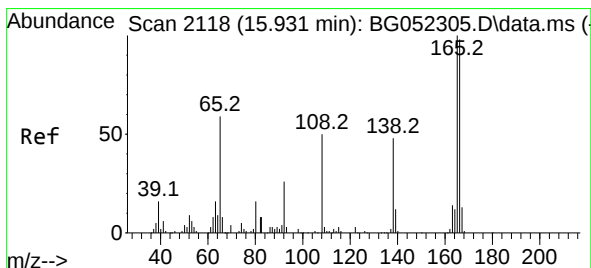
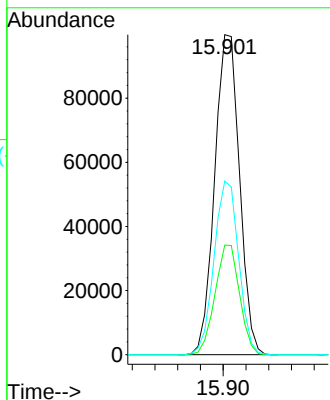
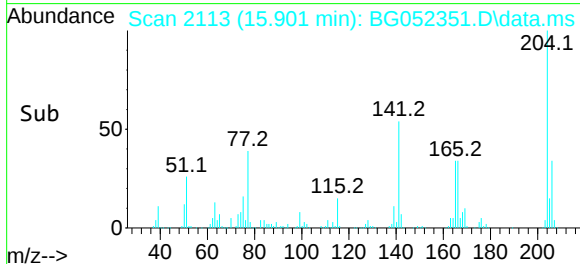
Instrument :
BNA_G
ClientSampleId :
PB142516BS



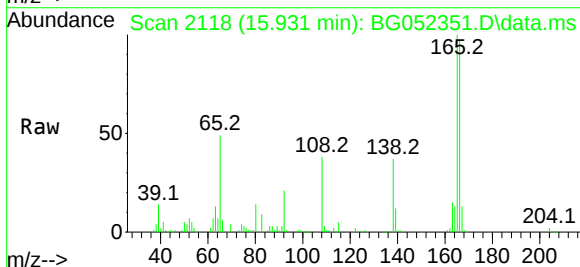
Tgt Ion:204 Resp: 151390
Ion Ratio Lower Upper
204 100
206 34.2 28.4 42.6
141 54.3 41.8 62.6

Manual Integrations
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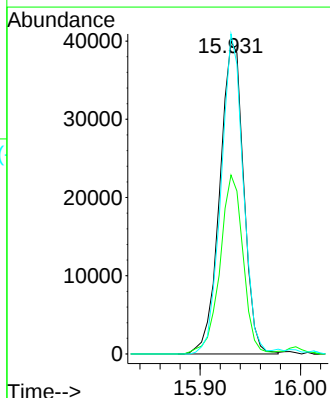
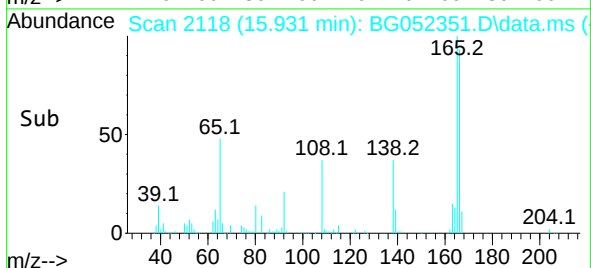
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

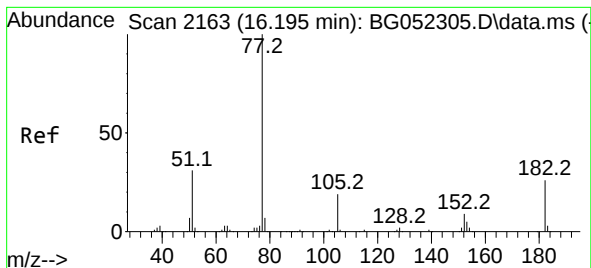


#62
4-Nitroaniline
Concen: 42.102 ng
RT: 15.931 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:138 Resp: 65814
Ion Ratio Lower Upper
138 100
92 57.2 35.5 75.5
108 102.4 96.4 136.4





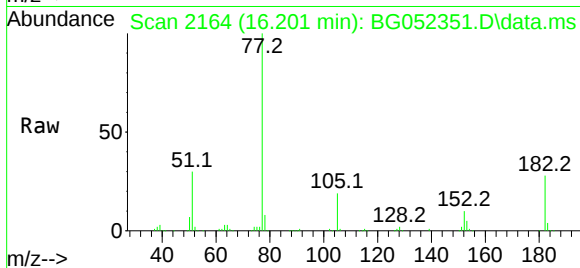
#63
Azobenzene
Concen: 40.510 ng
RT: 16.201 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

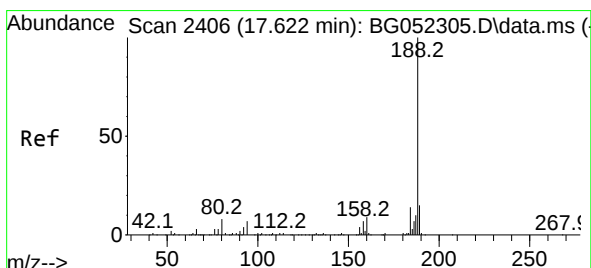
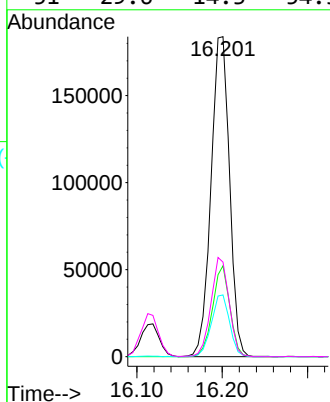
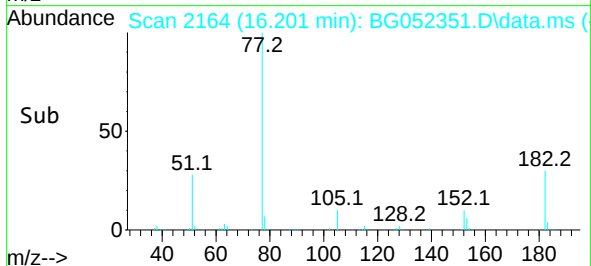


Tgt Ion: 77 Resp: 277329
Ion Ratio Lower Upper
77 100
182 28.4 4.1 44.1
105 19.3 0.0 37.5
51 29.6 14.3 54.3

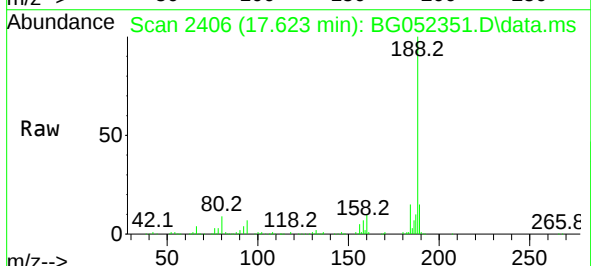
Manual Integrations

APPROVED

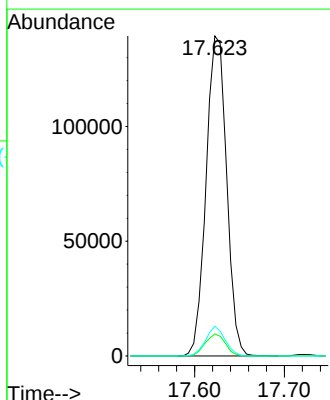
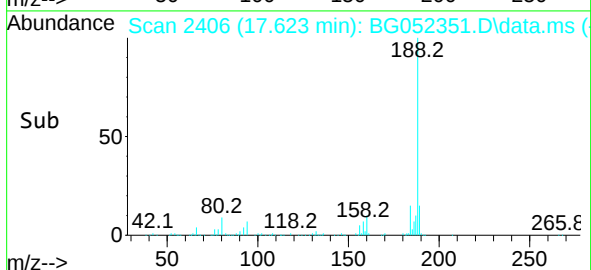
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

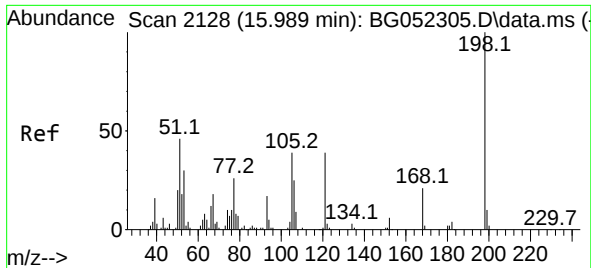


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:188 Resp: 221335
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 9.2 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.599 ng
RT: 15.995 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

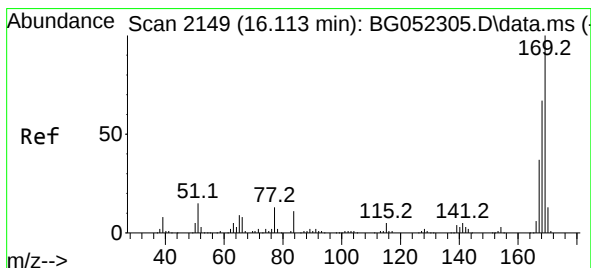
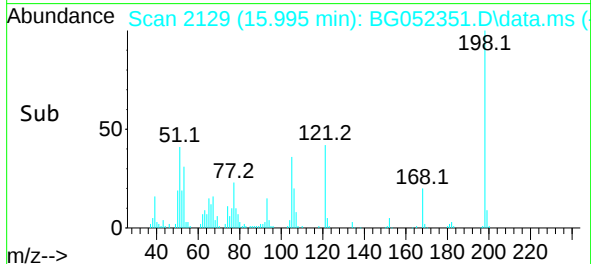
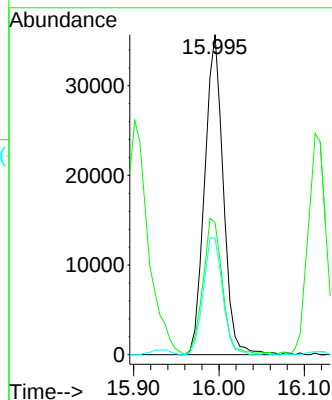
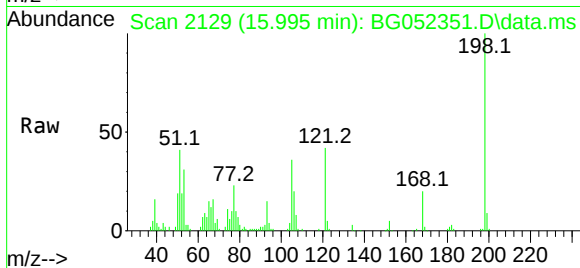
ClientSampleId :

PB142516BS

Tgt Ion:198 Resp: 5405
Ion Ratio Lower Upper
198 100
51 41.2 31.6 71.6
105 36.3 22.3 62.3

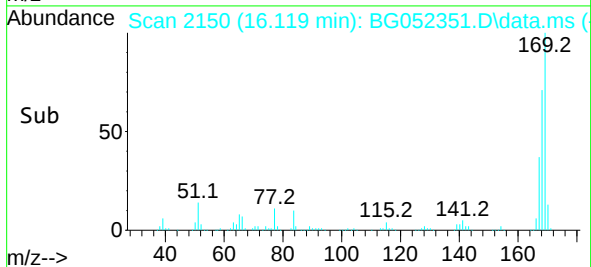
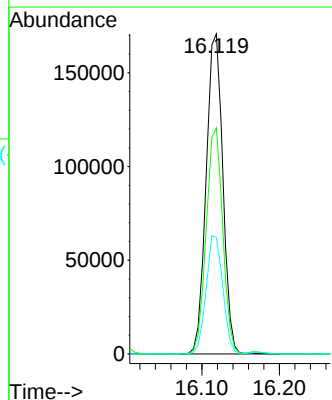
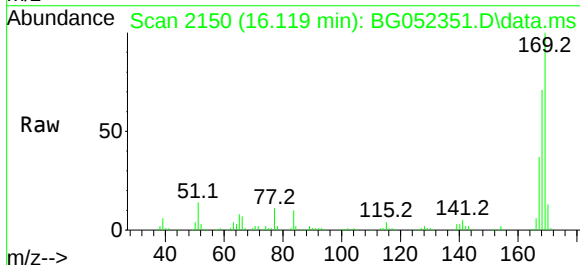
Manual Integrations
APPROVED

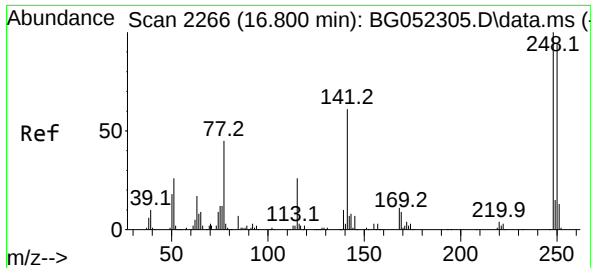
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#66
n-Nitrosodiphenylamine
Concen: 41.750 ng
RT: 16.119 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion:169 Resp: 254609
Ion Ratio Lower Upper
169 100
168 70.7 57.4 86.0
167 36.5 29.5 44.3





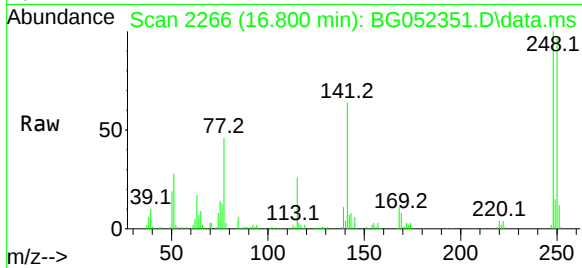
#67
4-Bromophenyl-phenylether
Concen: 39.551 ng
RT: 16.800 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

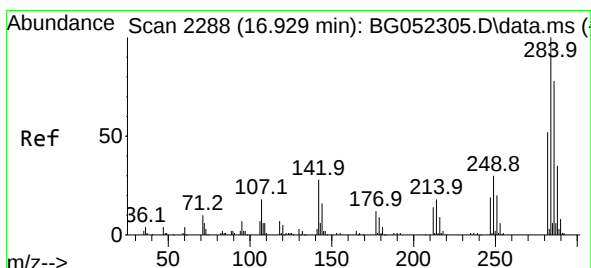
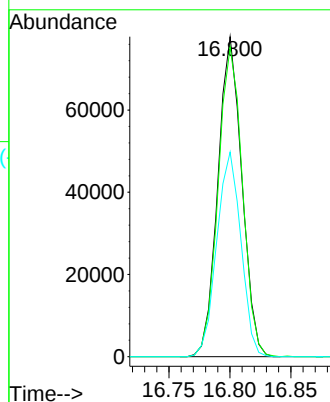
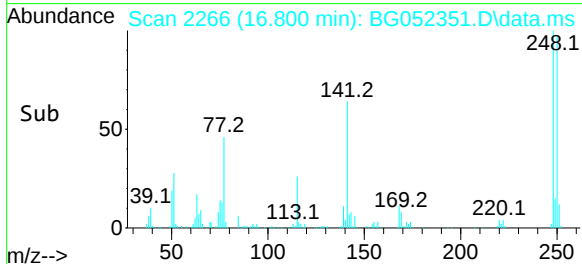


Tgt Ion:248 Resp: 106459
Ion Ratio Lower Upper
248 100
250 96.7 79.6 119.4
141 64.0 54.6 81.8

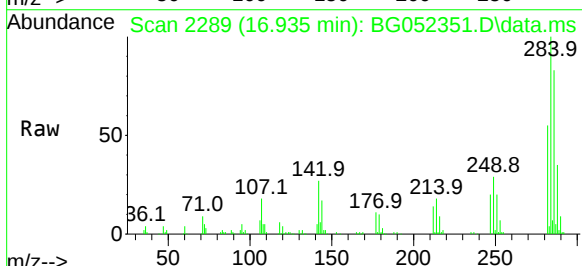
Manual Integrations

APPROVED

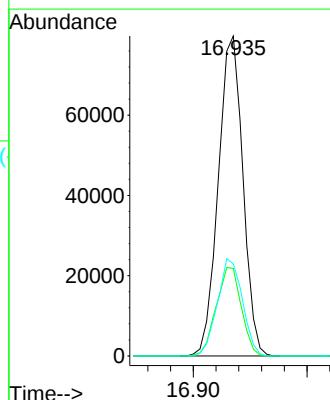
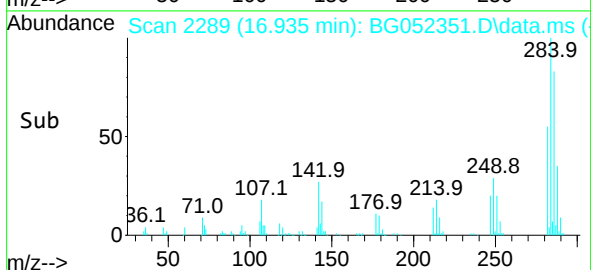
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

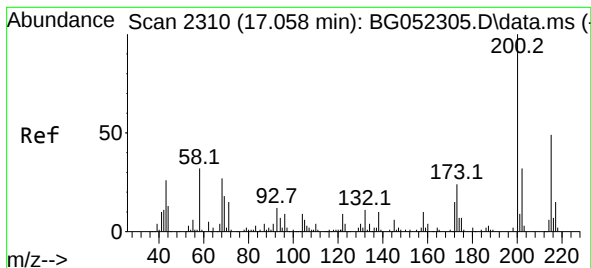


#68
Hexachlorobenzene
Concen: 41.053 ng
RT: 16.935 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:284 Resp: 119850
Ion Ratio Lower Upper
284 100
142 27.4 26.2 39.2
249 28.7 26.9 40.3





#69

Atrazine

Concen: 44.076 ng

RT: 17.059 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

Tgt Ion:200 Resp: 108670

Ion Ratio Lower Upper

200 100

173 25.3 3.3 43.3

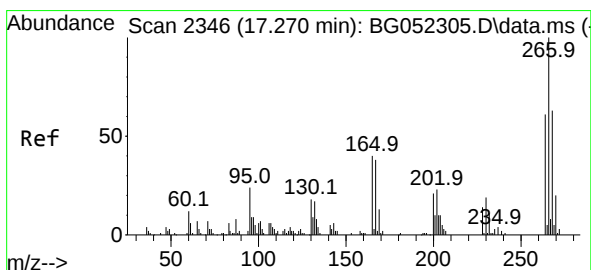
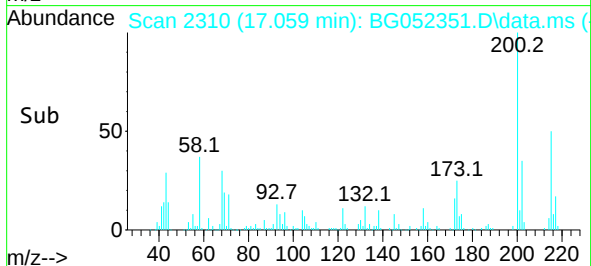
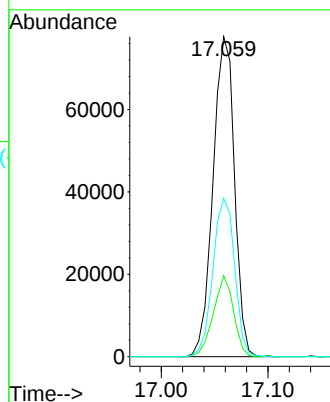
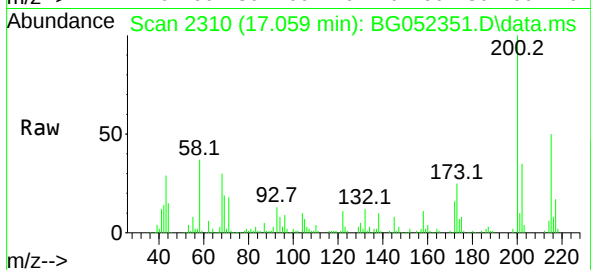
215 49.5 24.4 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#70

Pentachlorophenol

Concen: 93.013 ng

RT: 17.276 min Scan# 2347

Delta R.T. 0.006 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

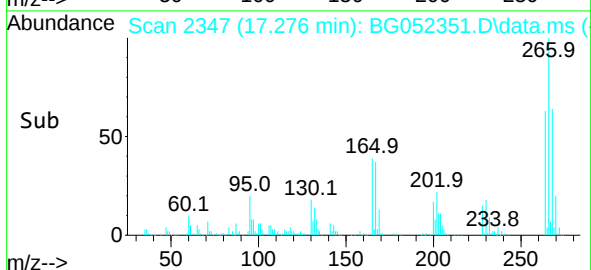
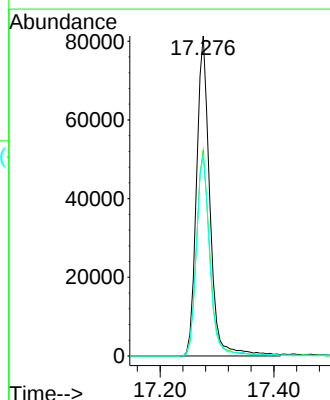
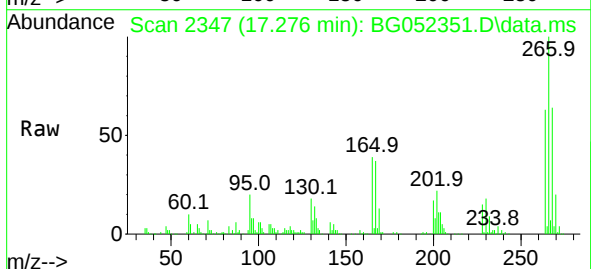
Tgt Ion:266 Resp: 132845

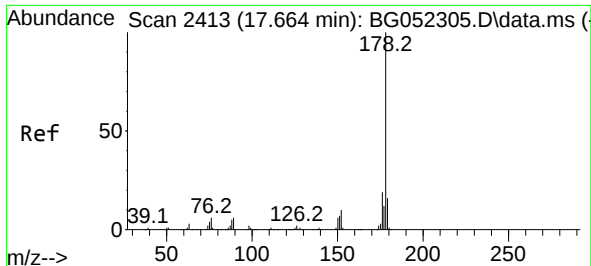
Ion Ratio Lower Upper

266 100

268 64.2 50.6 75.8

264 62.7 52.2 78.2





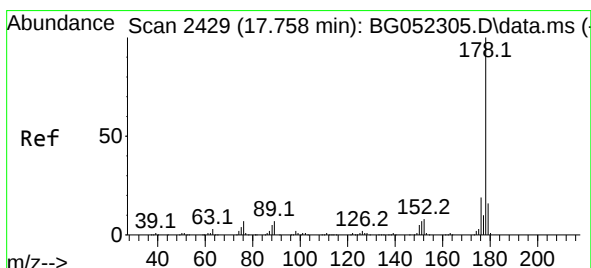
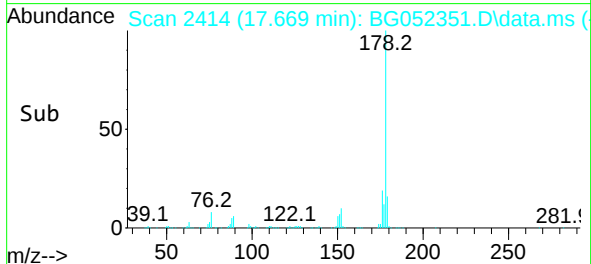
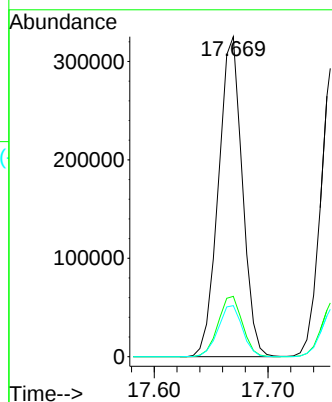
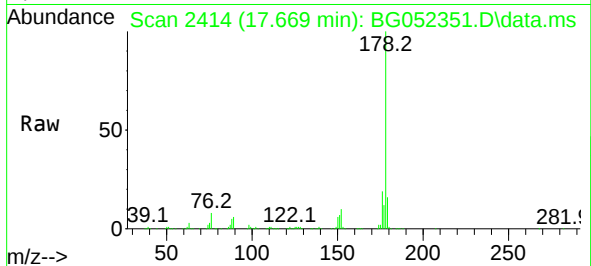
#71
Phenanthrene
Concen: 41.553 ng
RT: 17.669 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :
BNA_G
ClientSampleId :
PB142516BS

Tgt Ion:178 Resp: 474124
Ion Ratio Lower Upper
178 100
176 18.8 16.6 25.0
179 16.0 12.6 18.8

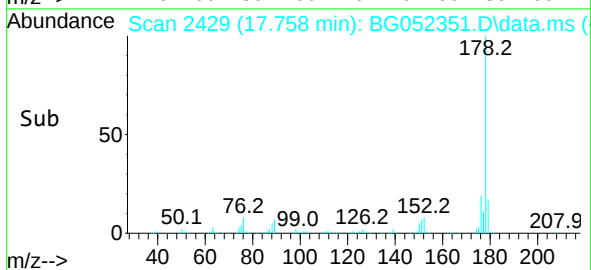
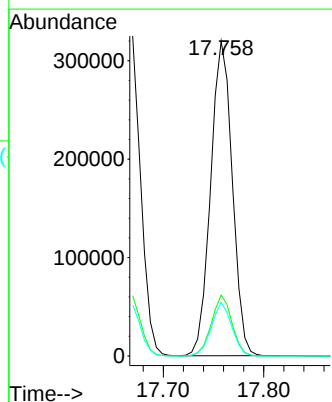
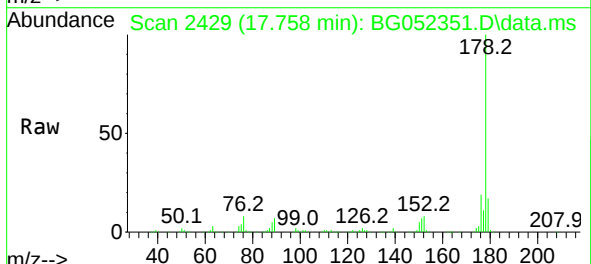
Manual Integrations
APPROVED

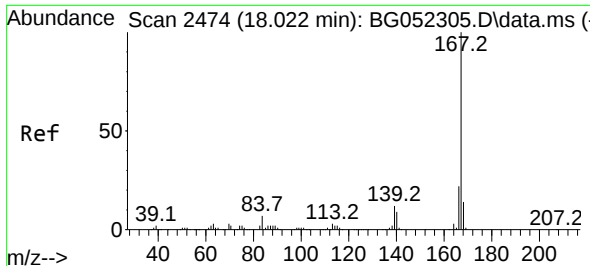
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#72
Anthracene
Concen: 42.851 ng
RT: 17.758 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

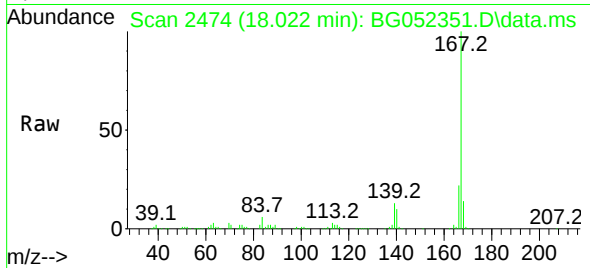
Tgt Ion:178 Resp: 479123
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 17.0 13.1 19.7





#73
 Carbazole
 Concen: 41.249 ng
 RT: 18.022 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BG052351.D
 Acq: 10 Feb 2022 13:04

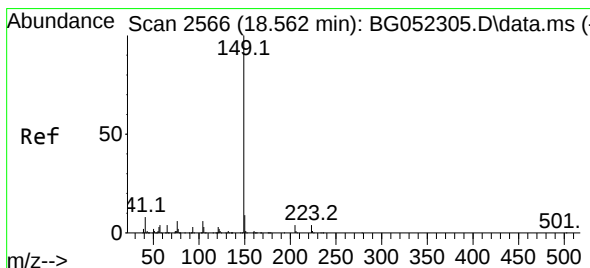
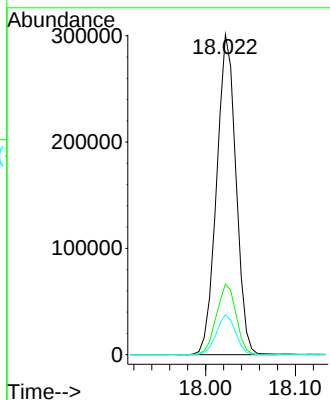
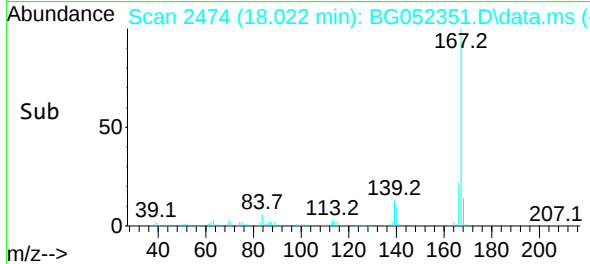
Instrument :
 BNA_G
 ClientSampleId :
 PB142516BS



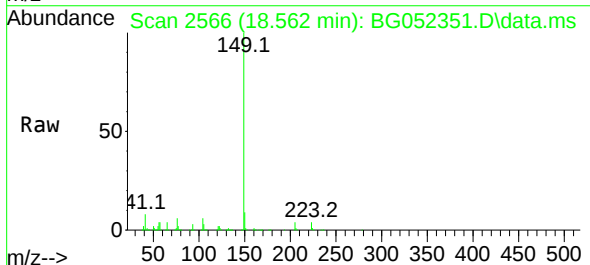
Tgt Ion:167 Resp: 449823
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.5 10.6 16.0

Manual Integrations
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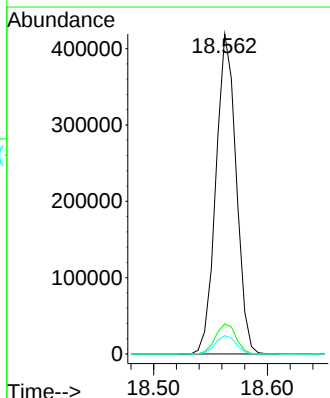
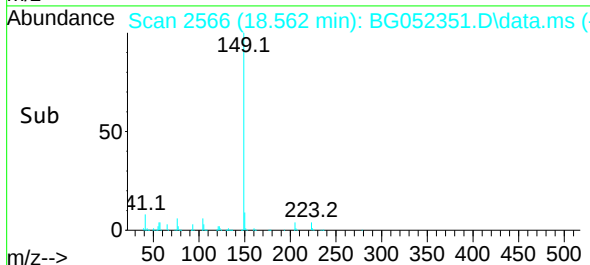
Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

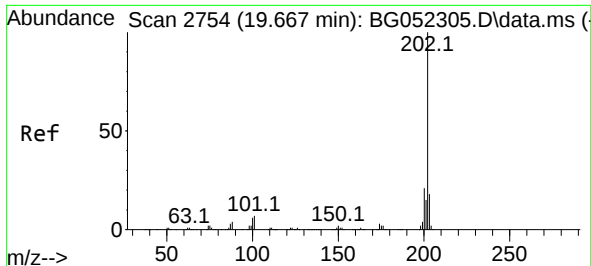


#74
 Di-n-butylphthalate
 Concen: 43.694 ng
 RT: 18.562 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG052351.D
 Acq: 10 Feb 2022 13:04



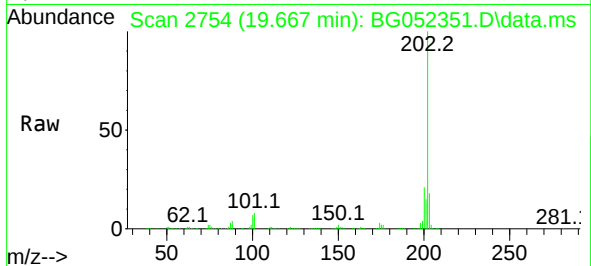
Tgt Ion:149 Resp: 519144
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 42.757 ng
RT: 19.667 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

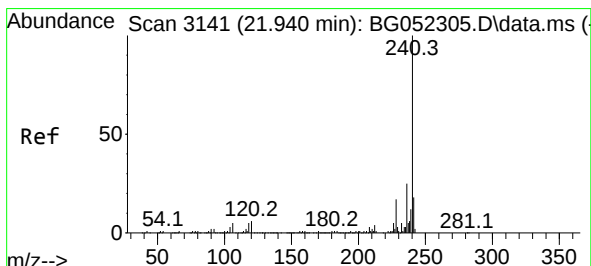
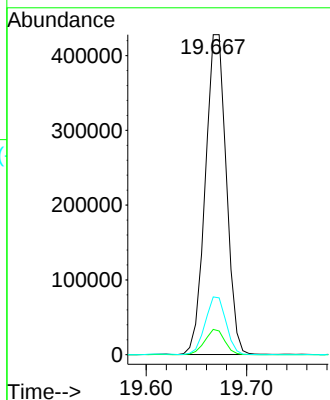
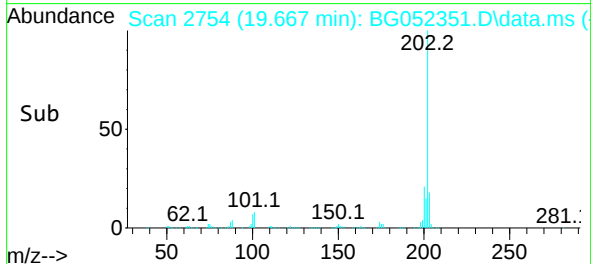
Instrument :
BNA_G
ClientSampleId :
PB142516BS



Tgt Ion:202 Resp: 621209
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.1
203 18.0 0.0 37.8

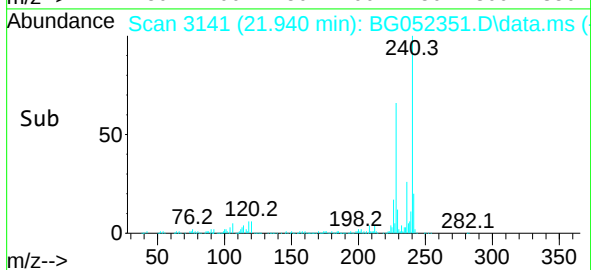
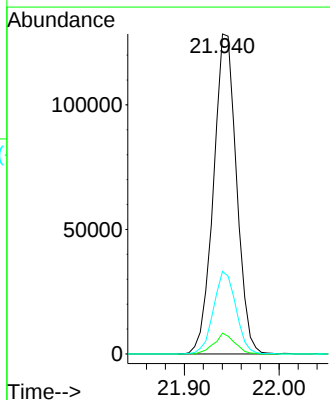
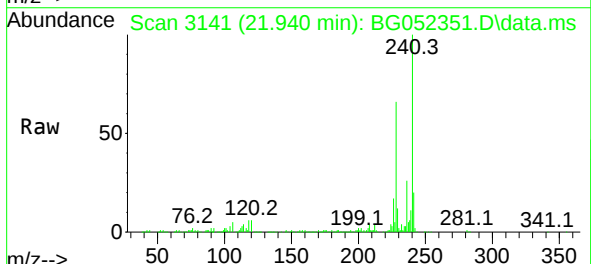
Manual Integrations
APPROVED

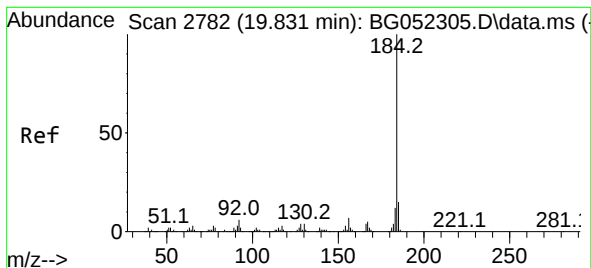
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion:240 Resp: 217232
Ion Ratio Lower Upper
240 100
120 6.5 4.4 6.6
236 25.8 20.8 31.2





#77

Benzidine

Concen: 41.117 ng

RT: 19.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

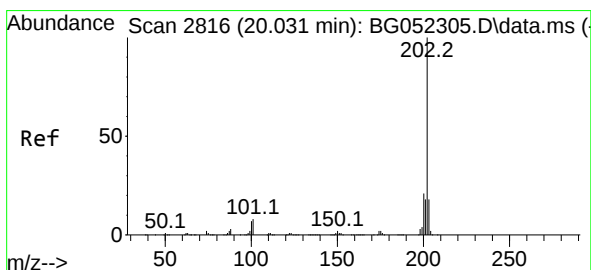
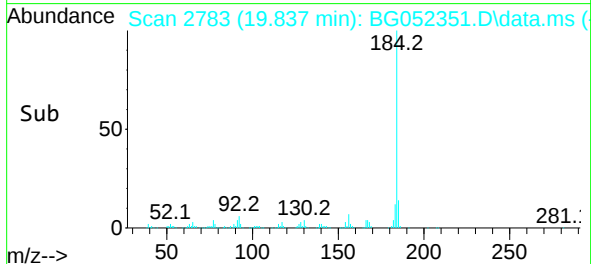
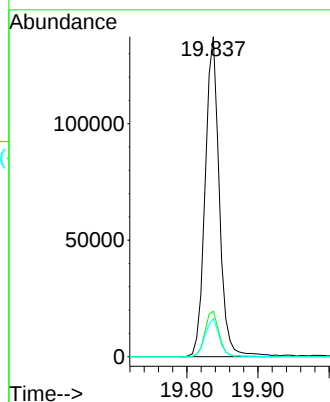
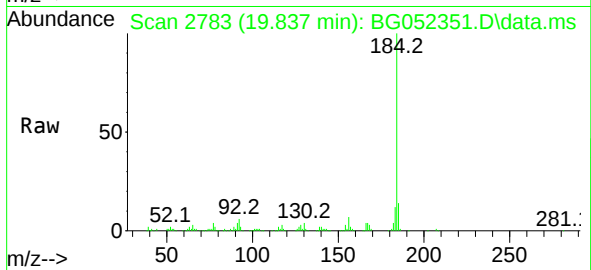
Tgt Ion:184 Resp: 19085

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#78

Pyrene

Concen: 42.114 ng

RT: 20.031 min Scan# 2816

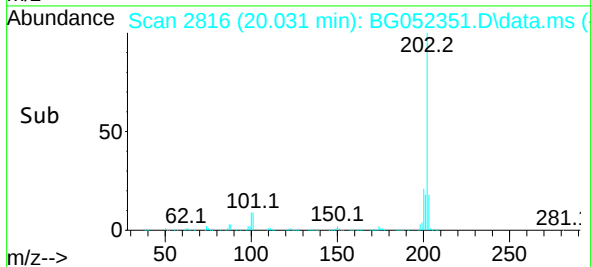
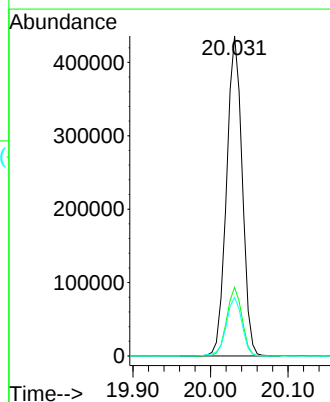
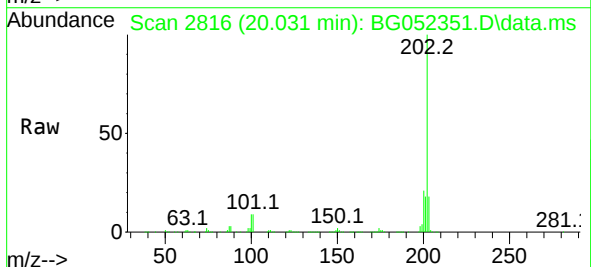
Delta R.T. 0.000 min

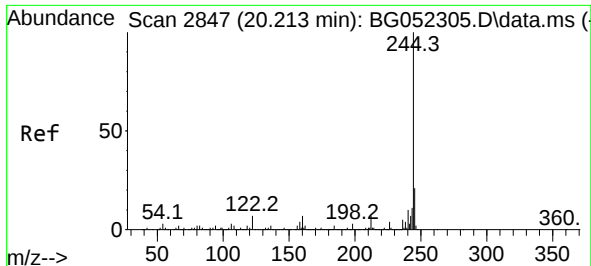
Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Tgt Ion:202 Resp: 612154

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.3	14.5	21.7





#79
 Terphenyl-d14
 Concen: 77.306 ng
 RT: 20.219 min Scan# 2847
 Delta R.T. 0.006 min
 Lab File: BG052351.D
 Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

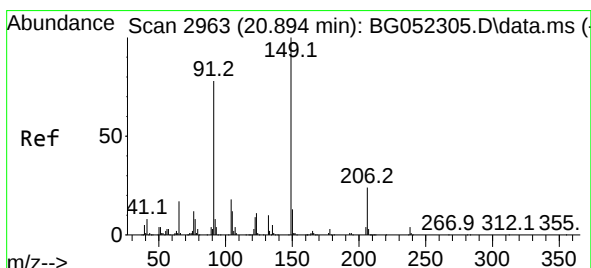
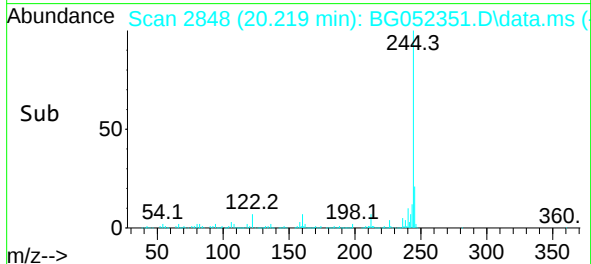
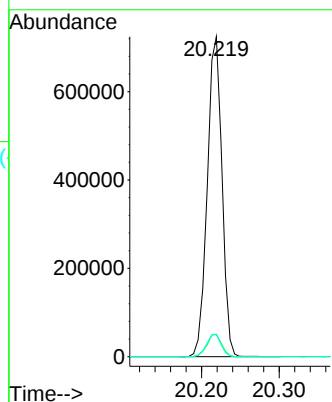
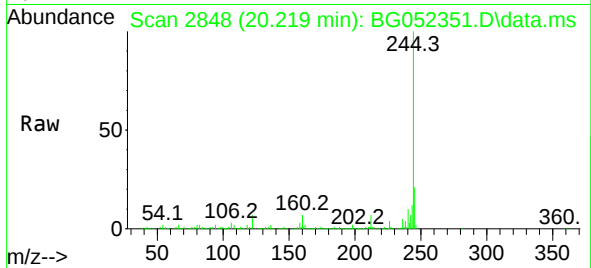
ClientSampleId :

PB142516BS

Tgt Ion:244 Resp: 95100
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.8 6.2 9.4

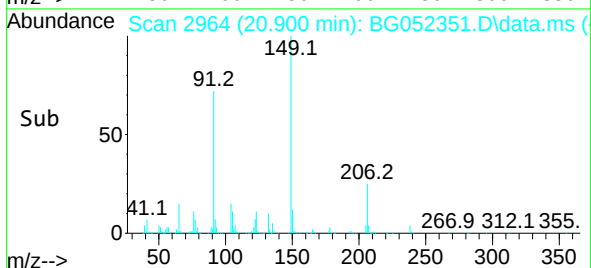
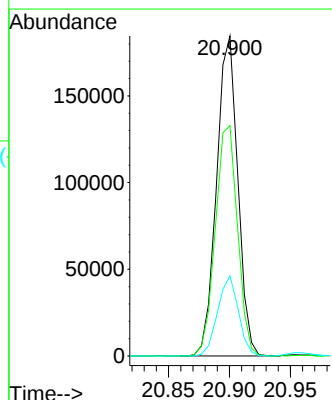
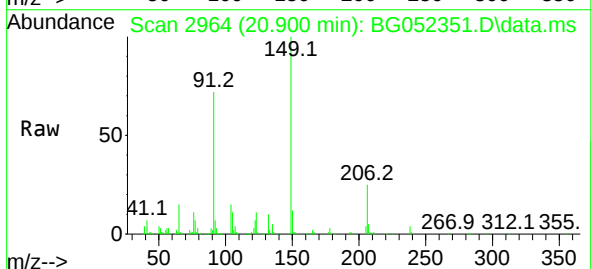
Manual Integrations
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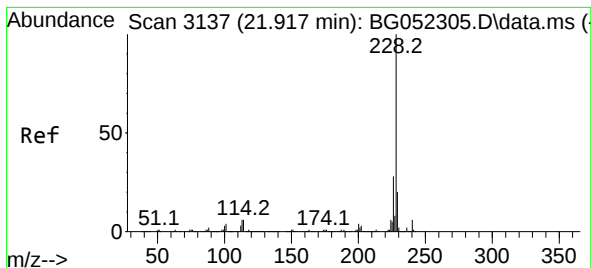
Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#80
 Butylbenzylphthalate
 Concen: 44.365 ng
 RT: 20.900 min Scan# 2964
 Delta R.T. 0.006 min
 Lab File: BG052351.D
 Acq: 10 Feb 2022 13:04

Tgt Ion:149 Resp: 224004
 Ion Ratio Lower Upper
 149 100
 91 72.0 64.0 96.0
 206 25.0 19.3 28.9





#81

Benzo(a)anthracene

Concen: 40.401 ng

RT: 21.923 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

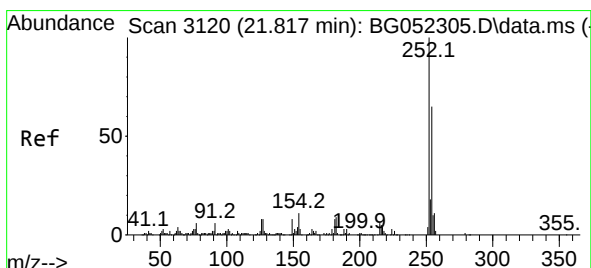
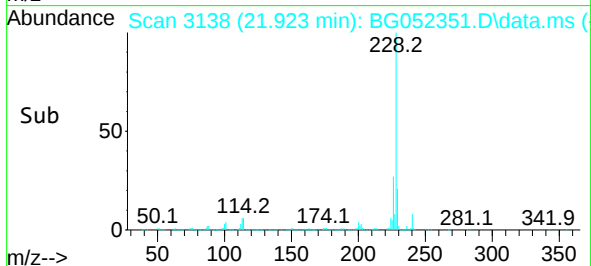
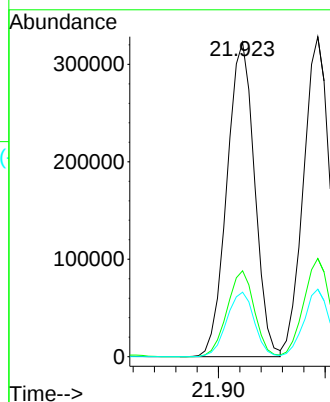
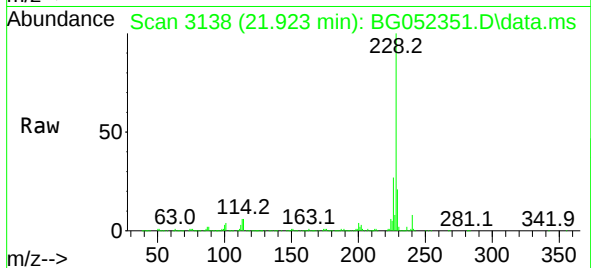
Tgt Ion:228 Resp: 58077

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	20.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#82

3,3'-Dichlorobenzidine

Concen: 28.884 ng

RT: 21.823 min Scan# 3121

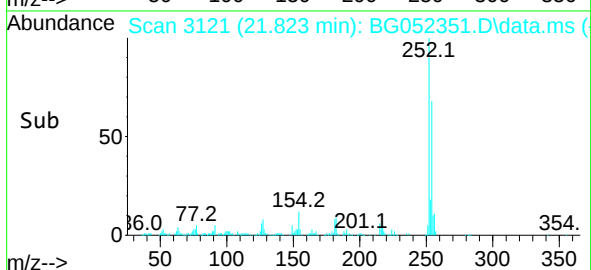
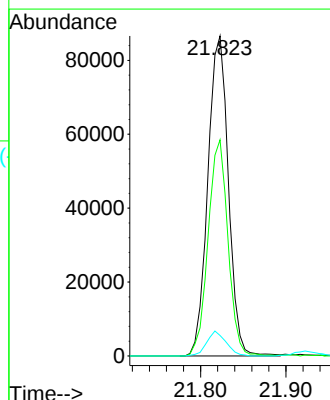
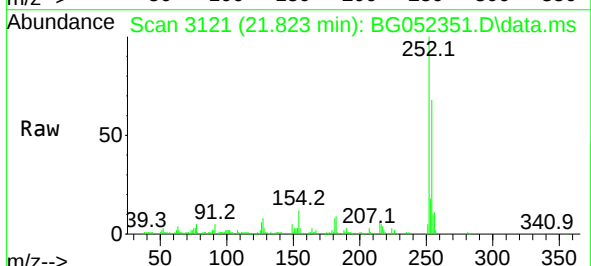
Delta R.T. 0.006 min

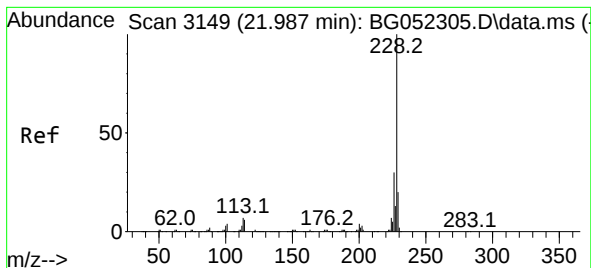
Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Tgt Ion:252 Resp: 144951

Ion	Ratio	Lower	Upper
252	100		
254	67.6	52.6	79.0
126	6.4	6.4	9.6





#83

Chrysene

Concen: 41.026 ng

RT: 21.993 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

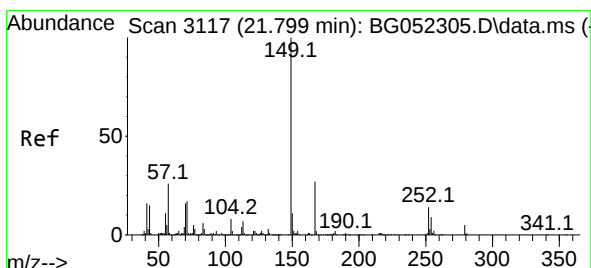
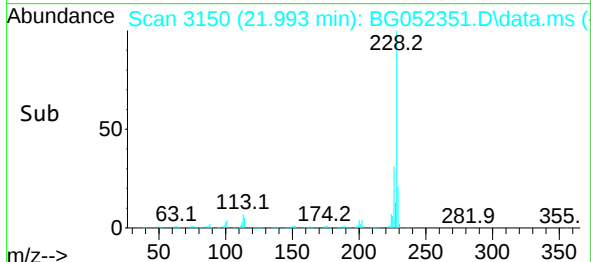
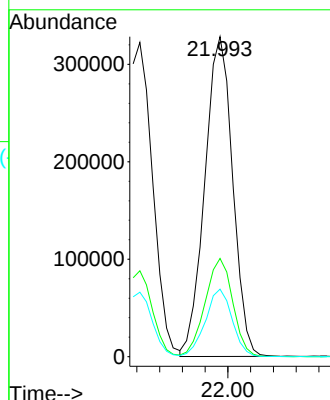
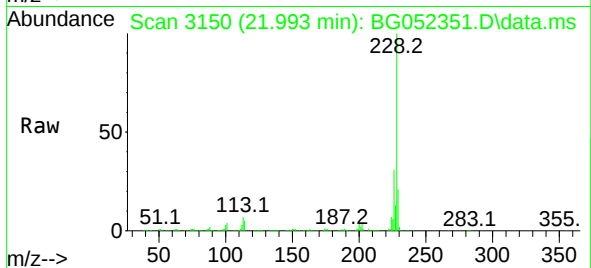
PB142516BS

Tgt Ion:228 Resp: 558860
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.1 36.1
 229 21.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.760 ng

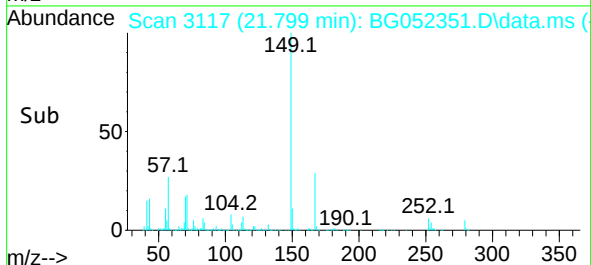
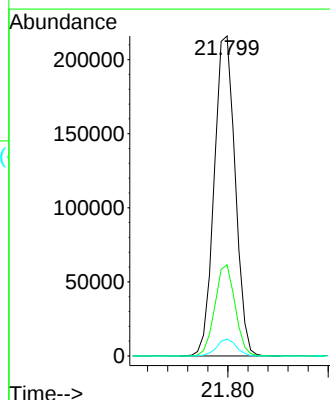
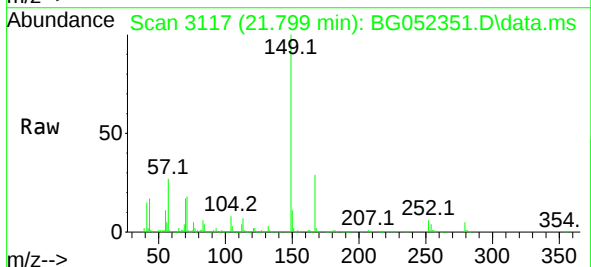
RT: 21.799 min Scan# 3117

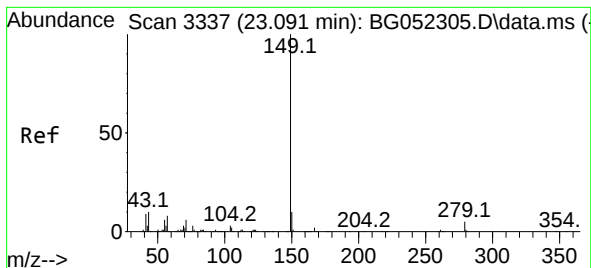
Delta R.T. 0.000 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

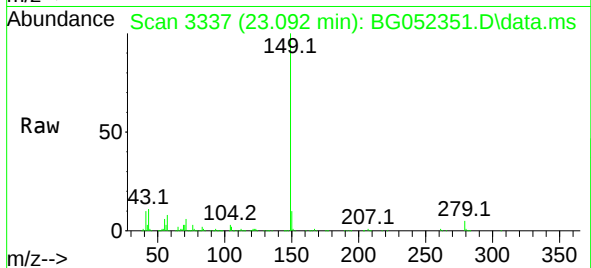
Tgt Ion:149 Resp: 313375
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 5.3 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 44.606 ng
RT: 23.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

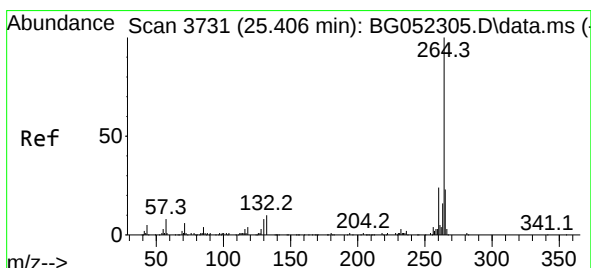
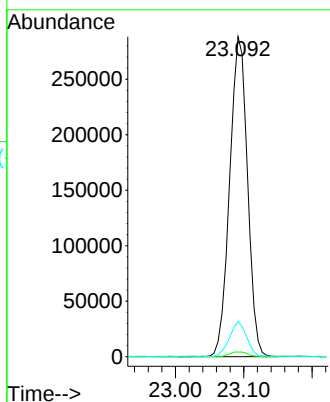
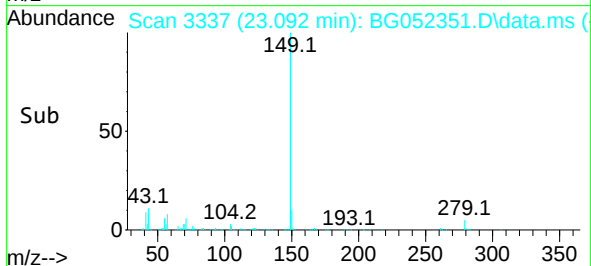
Instrument :
BNA_G
ClientSampleId :
PB142516BS



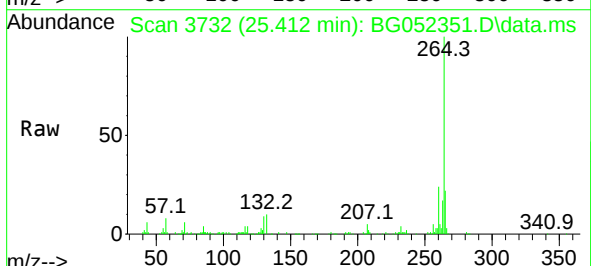
Tgt Ion:149 Resp: 523598
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.6 10.0 15.0

Manual Integrations
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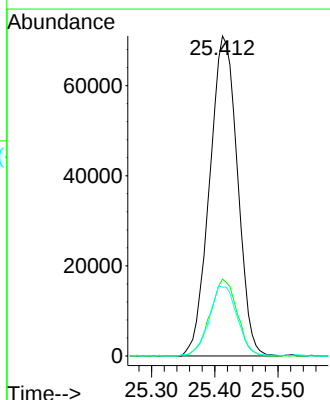
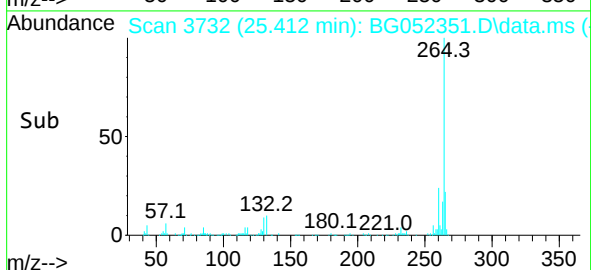
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

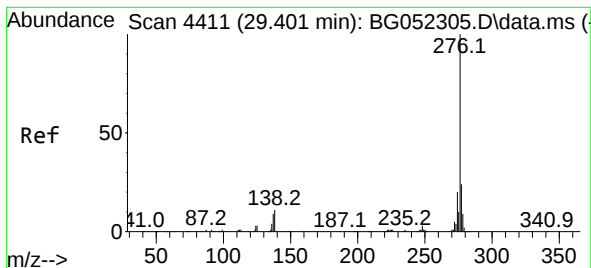


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.412 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04



Tgt Ion:264 Resp: 217105
Ion Ratio Lower Upper
264 100
260 24.0 18.5 27.7
265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.255 ng

RT: 29.436 min Scan# 4417

Delta R.T. 0.035 min

Lab File: BG052351.D

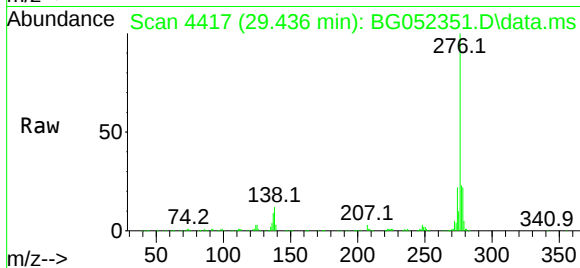
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS



Tgt Ion:276 Resp: 67130

Ion Ratio Lower Upper

276 100

138 14.8 6.1 9.1

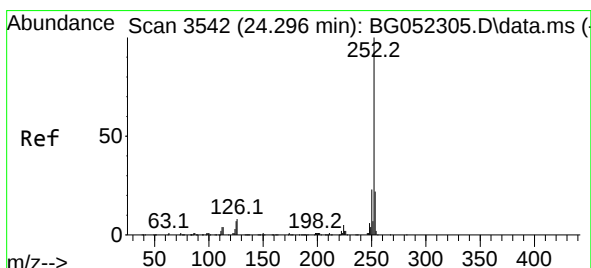
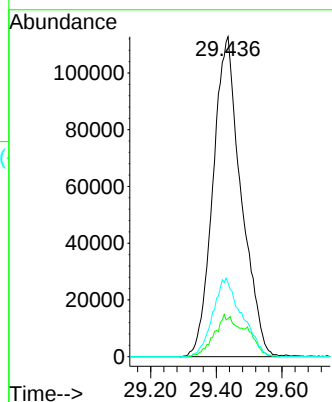
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#88

Benzo(b)fluoranthene

Concen: 45.718 ng

RT: 24.302 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

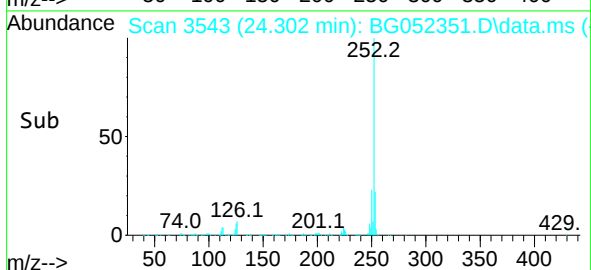
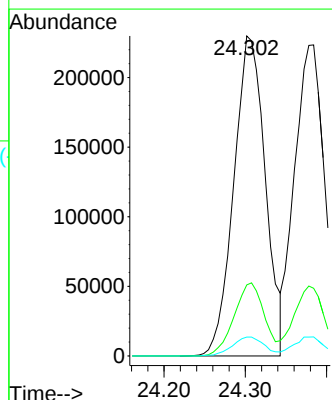
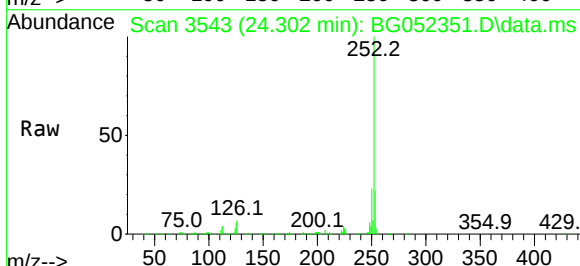
Tgt Ion:252 Resp: 618517

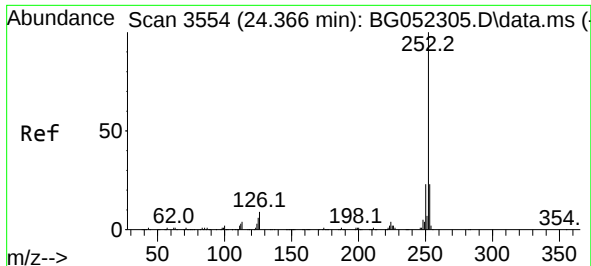
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 5.9 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 42.769 ng
RT: 24.384 min Scan# 31
Delta R.T. 0.018 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

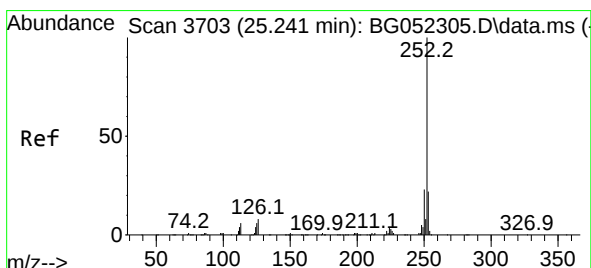
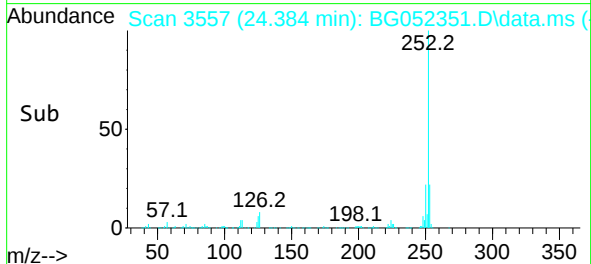
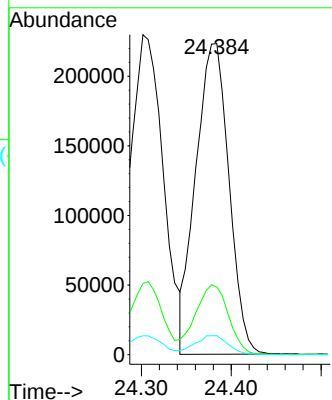
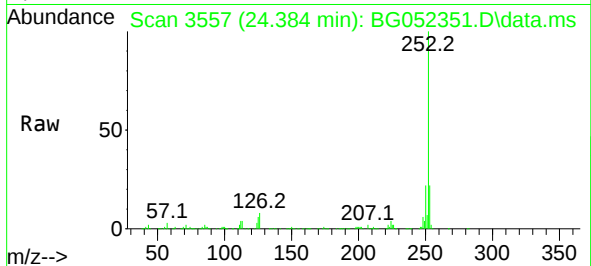
ClientSampleId :

PB142516BS

Tgt Ion:252 Resp: 57160
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.1 4.6 7.0

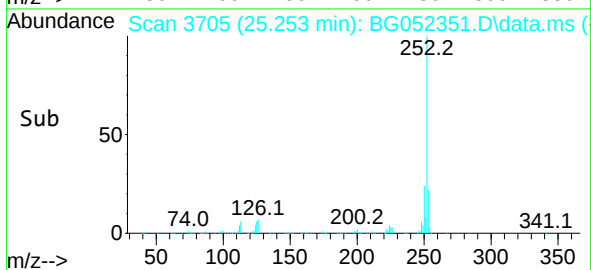
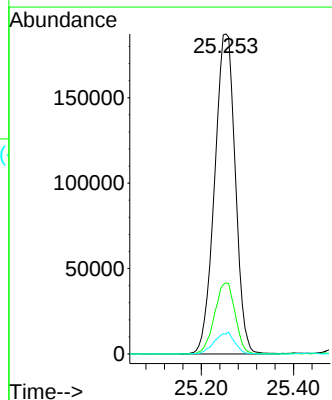
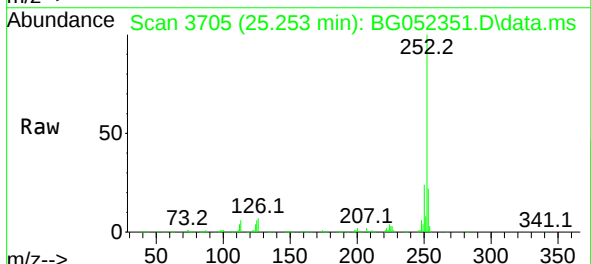
Manual Integrations
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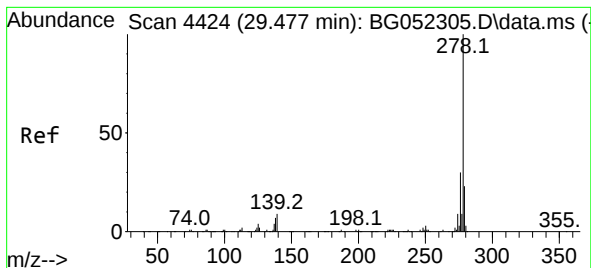
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#90
Benzo(a)pyrene
Concen: 51.045 ng
RT: 25.253 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BG052351.D
Acq: 10 Feb 2022 13:04

Tgt Ion:252 Resp: 583361
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.096 ng

RT: 29.489 min Scan# 4424

Delta R.T. 0.012 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB142516BS

Tgt Ion:278 Resp: 56559

Ion Ratio Lower Upper

278 100

139 7.8 6.4 9.6

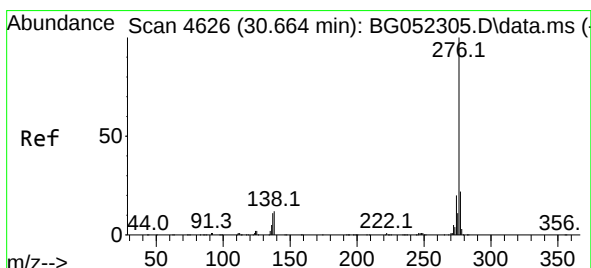
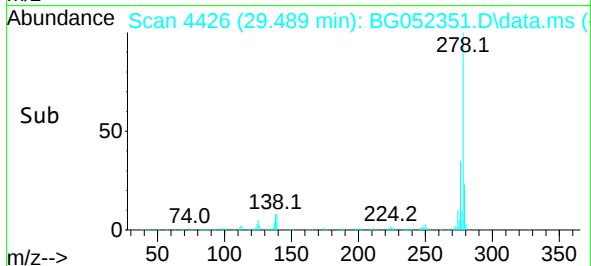
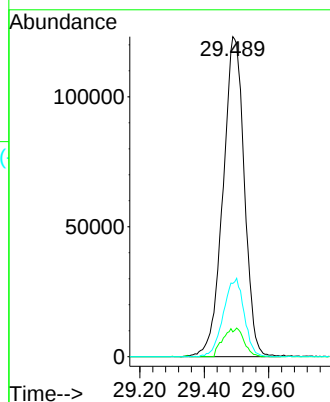
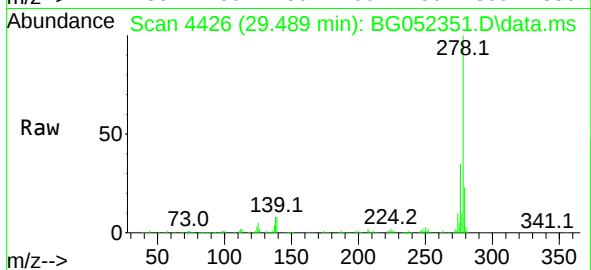
279 22.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/11/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#92

Benzo(g,h,i)perylene

Concen: 43.564 ng

RT: 30.693 min Scan# 4631

Delta R.T. 0.029 min

Lab File: BG052351.D

Acq: 10 Feb 2022 13:04

Tgt Ion:276 Resp: 561104

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.2

138 11.2 9.1 13.7

