

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061722\
 Data File : BG053932.D
 Acq On : 17 Jun 2022 12:54
 Operator : CG/JU
 Sample : PB145578BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145578BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/20/2022
 Supervised By :Jagrut Upadhyay 06/20/2022

Quant Time: Jun 17 23:58:50 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 13 15:49:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	24680	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	92576	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	69360	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	179196	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	221646	20.000	ng	0.00
86) Perylene-d12	24.993	264	226236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	161528	125.133	ng	0.00
7) Phenol-d6	7.244	99	204919	117.020	ng	0.00
23) Nitrobenzene-d5	9.247	82	132850	80.644	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	152285	136.653	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	375126	78.645	ng	0.00
79) Terphenyl-d14	20.058	244	902409	82.001	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.542	88	15523	27.509	ng	# 85
3) Pyridine	3.942	79	39869	26.477	ng	92
4) n-Nitrosodimethylamine	3.853	42	28815	43.504	ng	97
6) Aniline	7.408	93	69089	33.277	ng	98
8) 2-Chlorophenol	7.649	128	61319	44.489	ng	94
9) Benzaldehyde	7.220	77	13111	12.686	ng	# 77
10) Phenol	7.267	94	75602	42.600	ng	97
11) bis(2-Chloroethyl)ether	7.502	93	53203	39.058	ng	94
12) 1,3-Dichlorobenzene	7.978	146	68432	39.623	ng	91
13) 1,4-Dichlorobenzene	8.119	146	69727	40.192	ng	98
14) 1,2-Dichlorobenzene	8.442	146	67455	40.503	ng	97
15) Benzyl Alcohol	8.319	79	56761	43.369	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.613	45	77447	38.033	ng	98
17) 2-Methylphenol	8.524	107	52464	42.556	ng	92
18) Hexachloroethane	9.177	117	23810	41.371	ng	# 75
19) n-Nitroso-di-n-propyla...	8.889	70	44853	38.125	ng	93
20) 3+4-Methylphenols	8.848	107	71005	41.069	ng	96
22) Acetophenone	8.906	105	90702	40.307	ng	# 96
24) Nitrobenzene	9.288	77	69480	42.830	ng	# 87
25) Isophorone	9.811	82	126482	41.110	ng	95
26) 2-Nitrophenol	10.005	139	33310	46.489	ng	# 80
27) 2,4-Dimethylphenol	10.058	122	58801	50.702	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	71482	43.128	ng	# 96
29) 2,4-Dichlorophenol	10.540	162	71262	45.830	ng	89
30) 1,2,4-Trichlorobenzene	10.757	180	81924	42.550	ng	95
31) Naphthalene	10.945	128	182959	39.148	ng	99
32) Benzoic acid	10.222	122	19531m	40.853	ng	
33) 4-Chloroaniline	11.045	127	50479	26.036	ng	95
34) Hexachlorobutadiene	11.239	225	65362	44.156	ng	96
35) Caprolactam	11.815	113	19279m	45.038	ng	
36) 4-Chloro-3-methylphenol	12.161	107	65646	43.429	ng	86
37) 2-Methylnaphthalene	12.543	142	136036	39.342	ng	97
38) 1-Methylnaphthalene	12.761	142	131196	38.968	ng	98
40) 1,2,4,5-Tetrachloroben...	12.913	216	114936	43.005	ng	95
41) Hexachlorocyclopentadiene	12.896	237	128768	103.471	ng	97
43) 2,4,6-Trichlorophenol	13.142	196	67377	44.880	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.219	196	74041	44.170	ng	# 91
46) 1,1'-Biphenyl	13.548	154	196714	40.716	ng	97
47) 2-Chloronaphthalene	13.589	162	158269	40.478	ng	97
48) 2-Nitroaniline	13.783	65	46208	44.427	ng	88
49) Acenaphthylene	14.435	152	256451	42.180	ng	100
50) Dimethylphthalate	14.159	163	214476	40.602	ng	# 99
51) 2,6-Dinitrotoluene	14.276	165	47477	44.485	ng	# 77
52) Acenaphthene	14.776	154	175899m	45.387	ng	
53) 3-Nitroaniline	14.605	138	32935	31.853	ng	88
54) 2,4-Dinitrophenol	14.811	184	52907	88.974	ng	# 76
55) Dibenzofuran	15.105	168	255978	40.995	ng	94
56) 4-Nitrophenol	14.911	139	69463	94.625	ng	88
57) 2,4-Dinitrotoluene	15.064	165	68658	45.551	ng	# 81
58) Fluorene	15.757	166	205144	40.014	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.328	232	71699	43.738	ng	# 88
60) Diethylphthalate	15.522	149	206003	40.270	ng	96
61) 4-Chlorophenyl-phenyle...	15.745	204	129380	42.153	ng	# 89
62) 4-Nitroaniline	15.769	138	43581	40.417	ng	# 83
63) Azobenzene	16.039	77	161781	39.289	ng	88
65) 4,6-Dinitro-2-methylph...	15.828	198	41444	46.357	ng	79
66) n-Nitrosodiphenylamine	15.957	169	191626	41.032	ng	94
67) 4-Bromophenyl-phenylether	16.638	248	96960	43.323	ng	# 91
68) Hexachlorobenzene	16.762	284	110220	43.053	ng	# 91
69) Atrazine	16.903	200	88998	46.002	ng	94
70) Pentachlorophenol	17.103	266	144384	121.411	ng	97
71) Phenanthrene	17.496	178	370104	40.200	ng	98
72) Anthracene	17.584	178	373489	41.543	ng	99
73) Carbazole	17.849	167	329272	42.669	ng	99
74) Di-n-butylphthalate	18.407	149	371914	41.683	ng	# 98
75) Fluoranthene	19.500	202	514525	42.573	ng	96
77) Benzidine	19.676	184	149423	32.554	ng	96
78) Pyrene	19.864	202	518524	38.734	ng	100
80) Butylbenzylphthalate	20.745	149	169647	39.537	ng	86
81) Benzo(a)anthracene	21.709	228	576693	40.184	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	185611	43.289	ng	# 97
83) Chrysene	21.779	228	528709	38.649	ng	97
84) Bis(2-ethylhexyl)phtha...	21.615	149	245713	40.039	ng	# 93
85) Di-n-octyl phthalate	22.843	149	431642	40.922	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.730	276	704040	41.238	ng	# 99
88) Benzo(b)fluoranthene	23.959	252	605460m	44.015	ng	
89) Benzo(k)fluoranthene	24.030	252	602198	44.216	ng	# 98
90) Benzo(a)pyrene	24.841	252	591426	50.958	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	617195	43.717	ng	# 97
92) Benzo(g,h,i)perylene	29.899	276	610015	43.784	ng	# 94

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

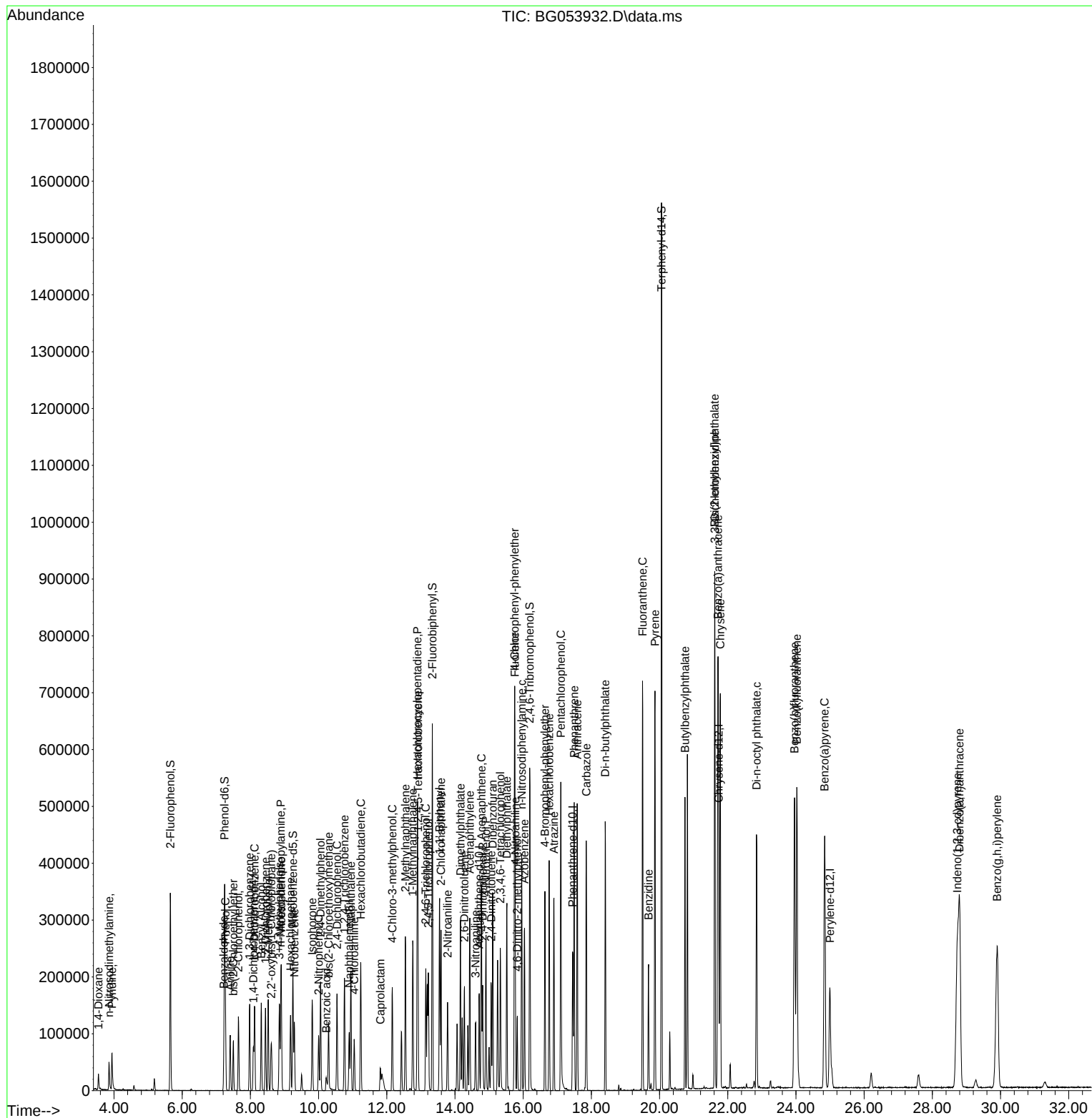
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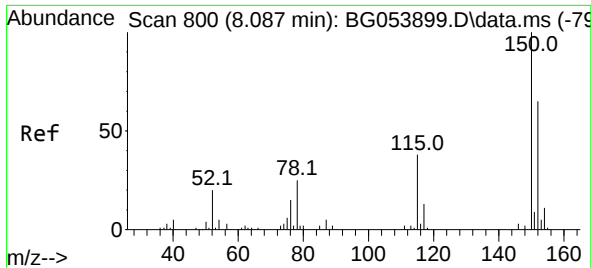
Instrument :
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.084 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BG053932.D
 Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

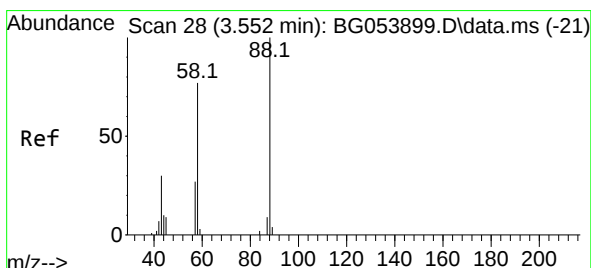
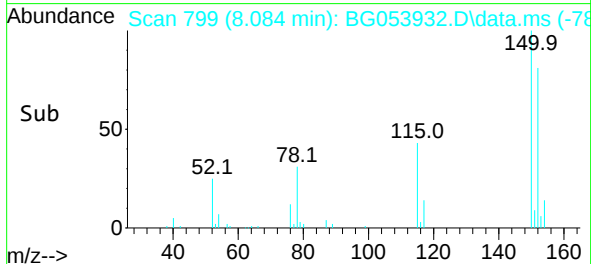
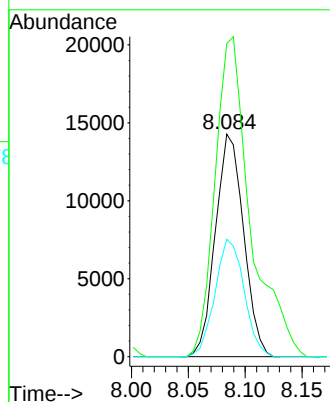
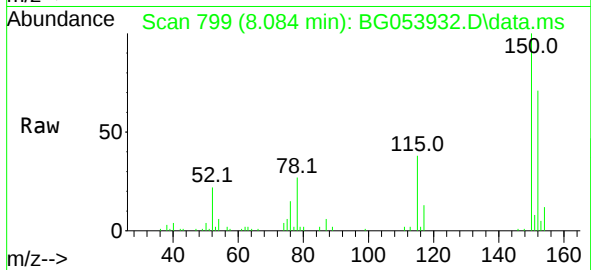
ClientSampleId :

PB145578BS

Tgt Ion:152 Resp: 24680
 Ion Ratio Lower Upper
 152 100
 150 140.6 131.6 197.4
 115 52.8 50.9 76.3

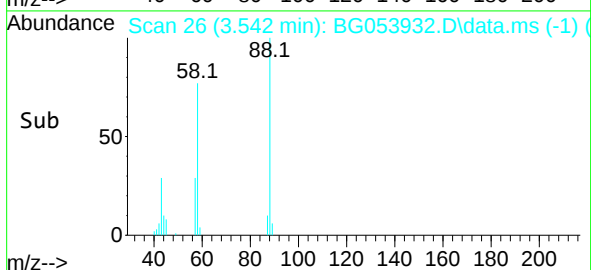
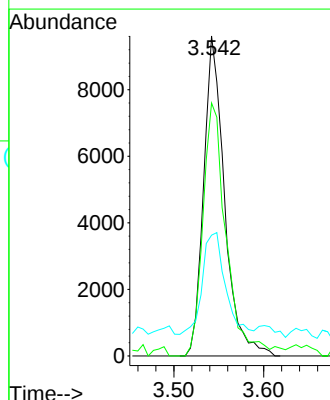
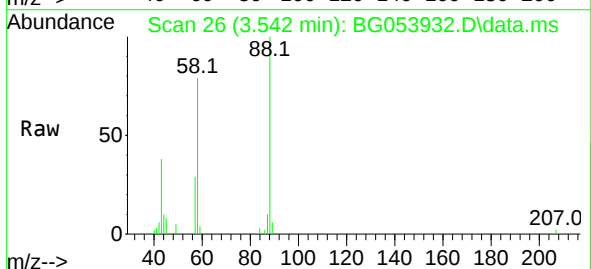
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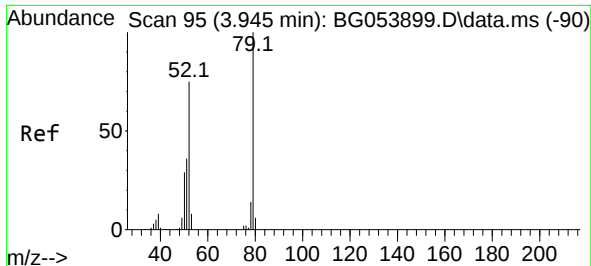
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#2
 1,4-Dioxane
 Concen: 27.509 ng
 RT: 3.542 min Scan# 26
 Delta R.T. -0.011 min
 Lab File: BG053932.D
 Acq: 17 Jun 2022 12:54

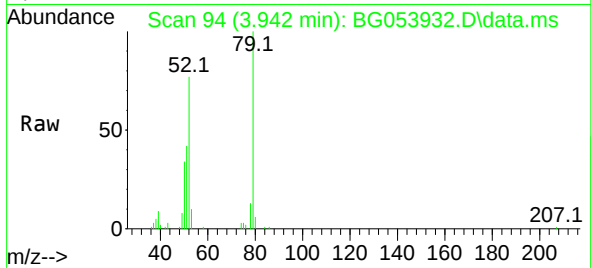
Tgt Ion: 88 Resp: 15523
 Ion Ratio Lower Upper
 88 100
 58 88.8 59.2 88.8#
 43 34.6 24.3 36.5





#3
Pyridine
Concen: 26.477 ng
RT: 3.942 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

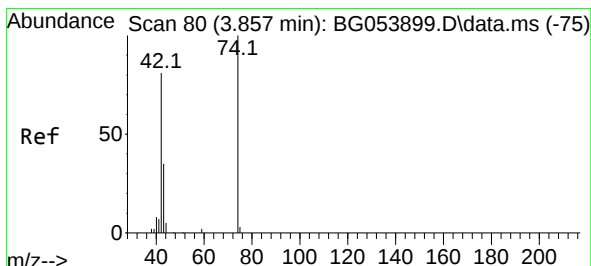
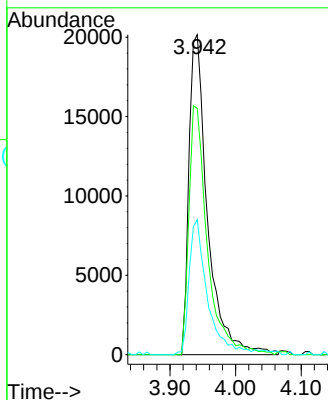
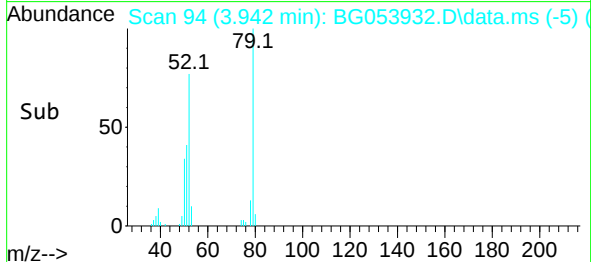
Instrument :
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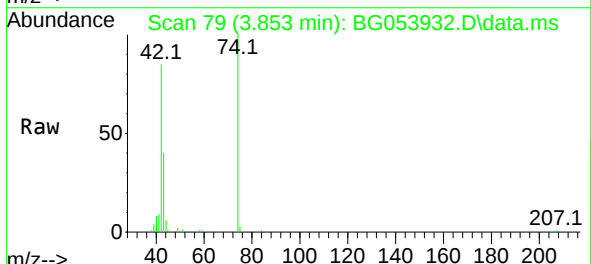
Tgt Ion: 79 Resp: 3986
Ion Ratio Lower Upper
79 100
52 76.9 54.6 81.8
51 42.2 32.5 48.7

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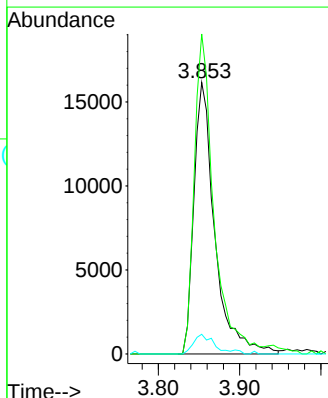
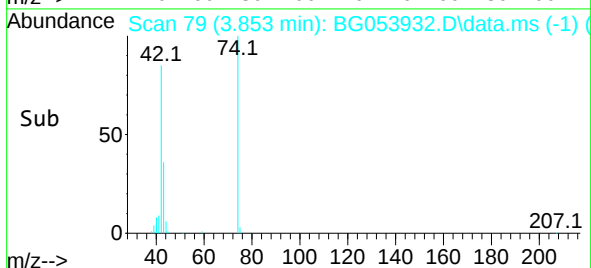
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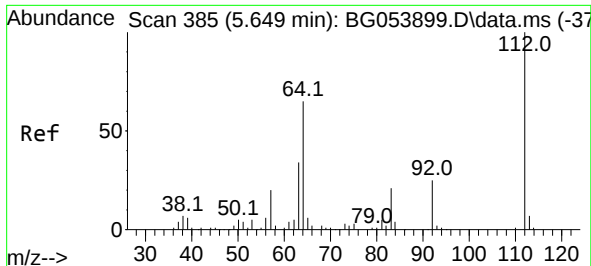


#4
n-Nitrosodimethylamine
Concen: 43.504 ng
RT: 3.853 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion: 42 Resp: 28815
Ion Ratio Lower Upper
42 100
74 117.9 97.0 145.4
44 7.2 7.0 10.4





#5
2-Fluorophenol
Concen: 125.133 ng
RT: 5.651 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

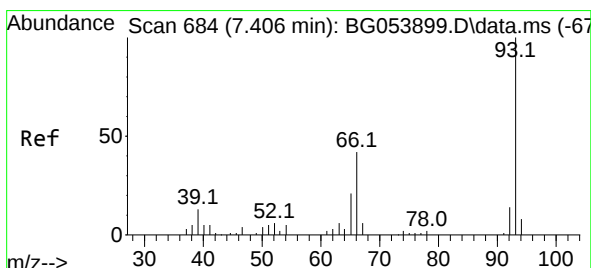
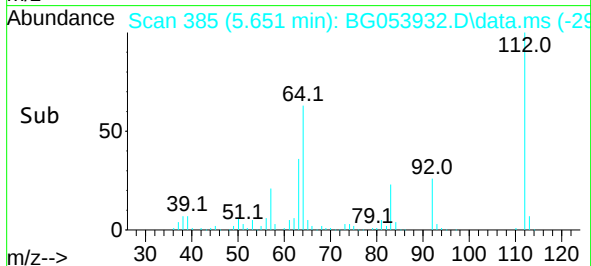
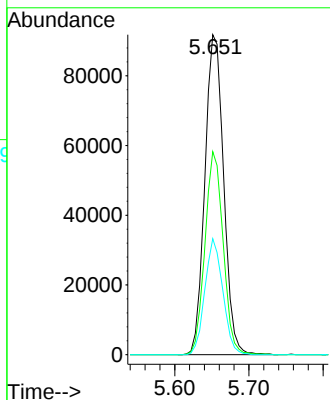
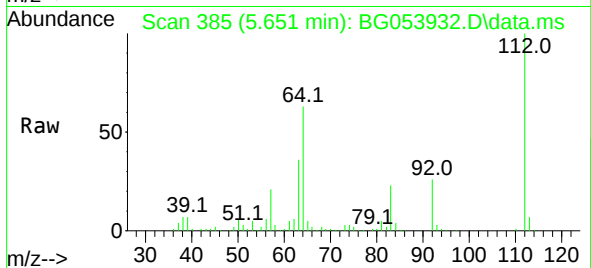
ClientSampleId :

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Tgt Ion:112 Resp: 161528
Ion Ratio Lower Upper
112 100
64 63.4 55.1 82.7
63 36.2 30.4 45.6

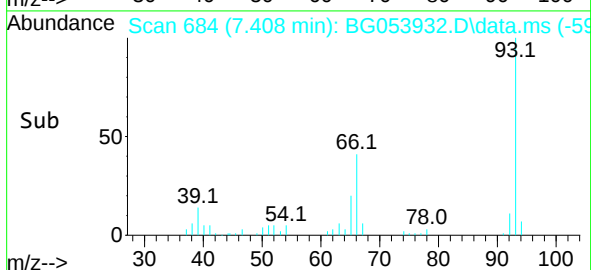
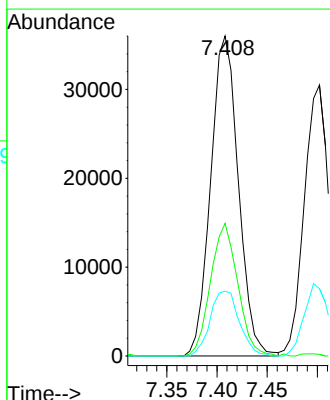
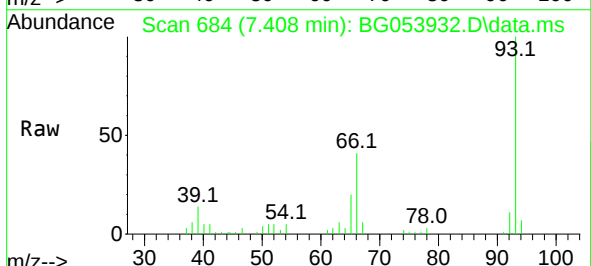
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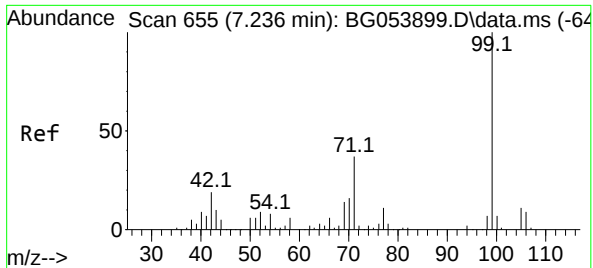
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#6
Aniline
Concen: 33.277 ng
RT: 7.408 min Scan# 684
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

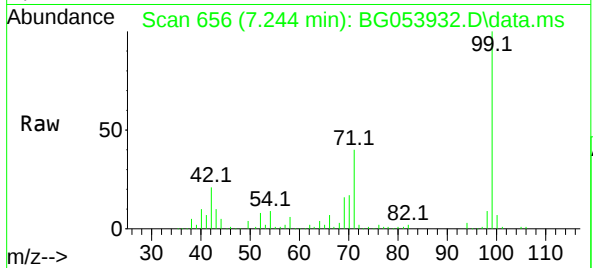
Tgt Ion: 93 Resp: 69089
Ion Ratio Lower Upper
93 100
66 41.4 32.9 49.3
65 20.3 17.8 26.8





#7
Phenol-d6
Concen: 117.020 ng
RT: 7.244 min Scan# 655
Delta R.T. 0.007 min
Lab File: BG053932.D
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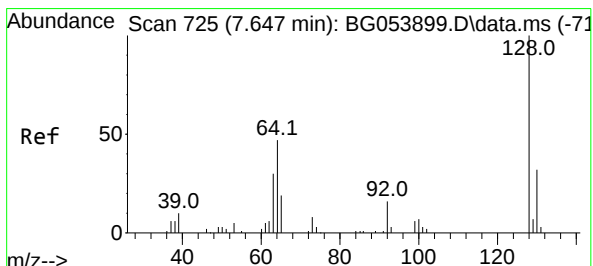
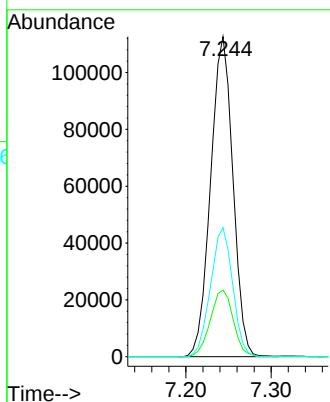
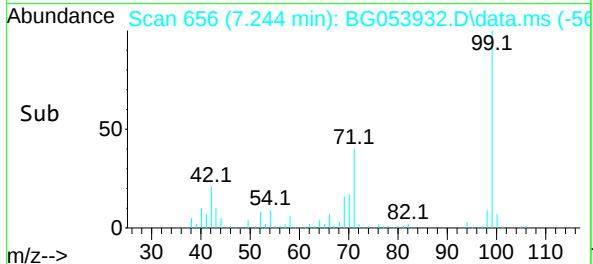
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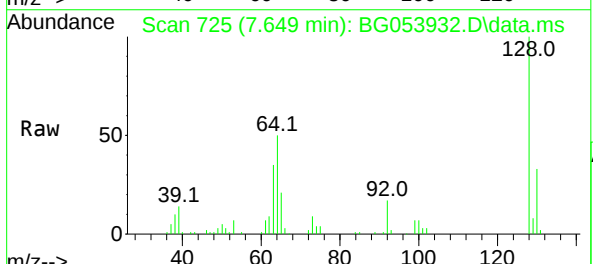
Tgt Ion: 99 Resp: 204919
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 40.4 33.8 50.8

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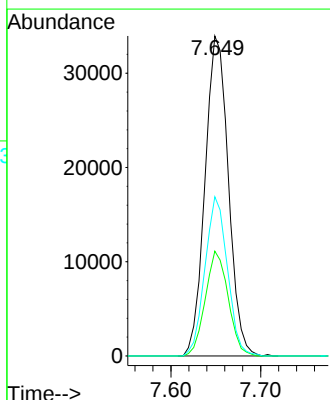
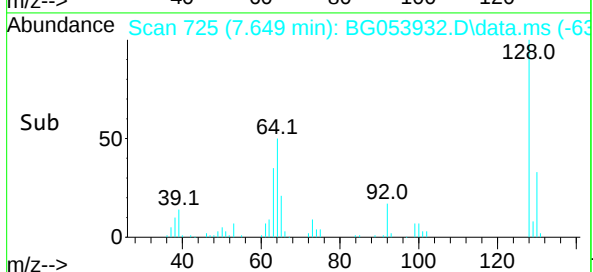
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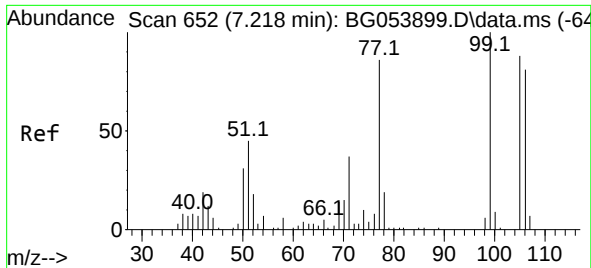


#8
2-Chlorophenol
Concen: 44.489 ng
RT: 7.649 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:128 Resp: 61319
Ion Ratio Lower Upper
128 100
130 32.8 10.5 50.5
64 49.8 35.1 75.1





#9
Benzaldehyde
Concen: 12.686 ng
RT: 7.220 min Scan# 652
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

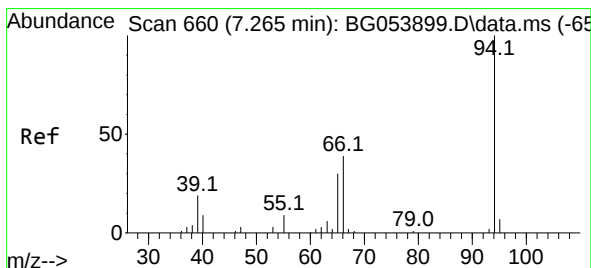
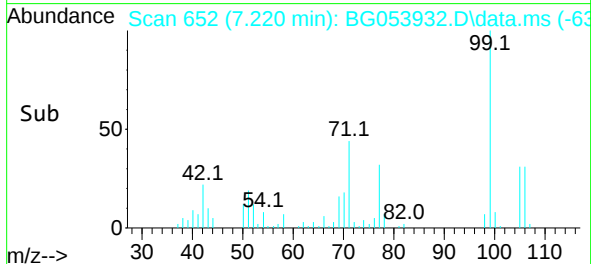
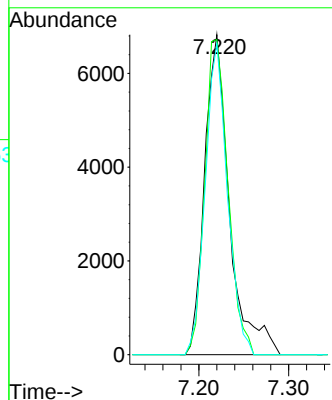
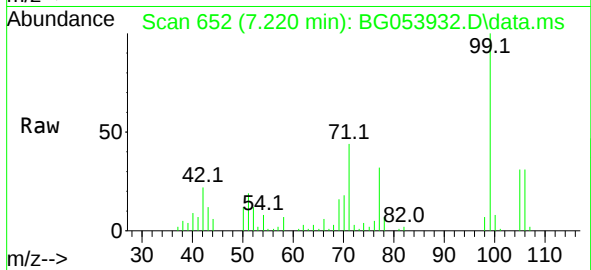
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Tgt Ion: 77 Resp: 1311
Ion Ratio Lower Upper
77 100
105 98.4 59.6 99.6
106 97.2 56.8 96.8

Manual Integrations

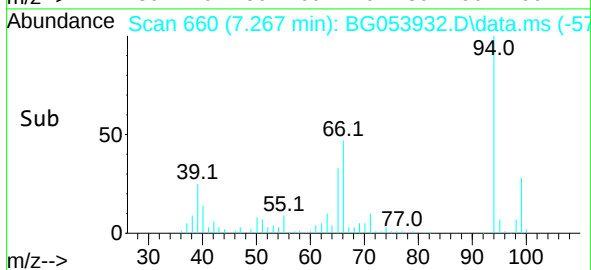
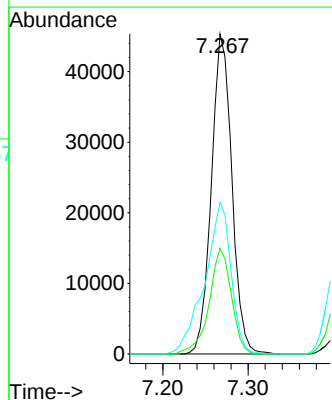
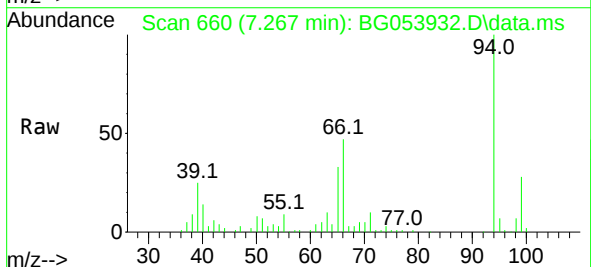
APPROVED

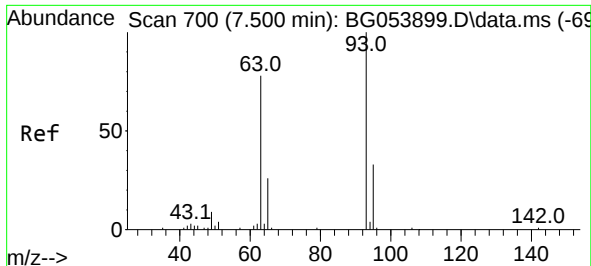
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#10
Phenol
Concen: 42.600 ng
RT: 7.267 min Scan# 660
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion: 94 Resp: 75602
Ion Ratio Lower Upper
94 100
65 33.0 14.8 54.8
66 47.4 25.2 65.2





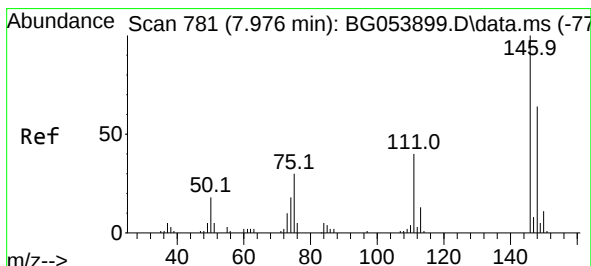
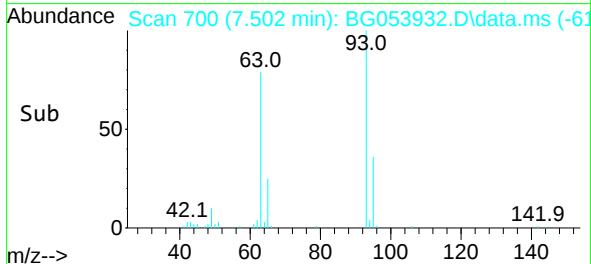
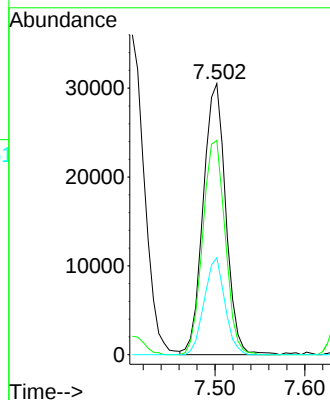
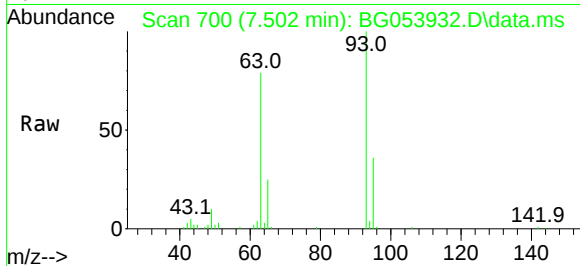
#11
bis(2-Chloroethyl)ether
Concen: 39.058 ng
RT: 7.502 min Scan# 700
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :
BNA_G
ClientSampleId :
PB145578BS

Tgt Ion: 93 Resp: 5320
Ion Ratio Lower Upper
93 100
63 79.0 63.6 103.6
95 35.8 10.1 50.1

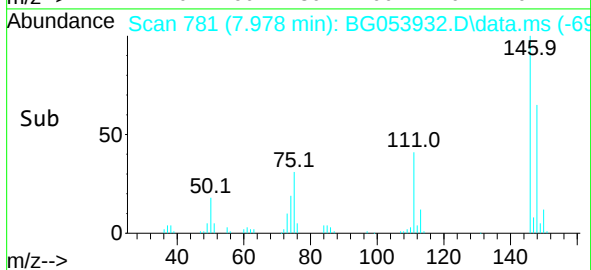
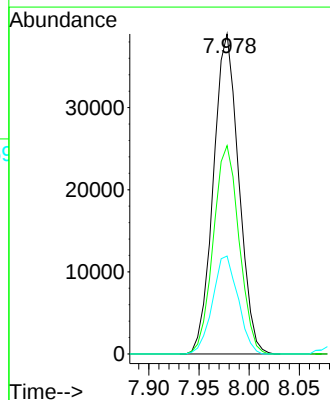
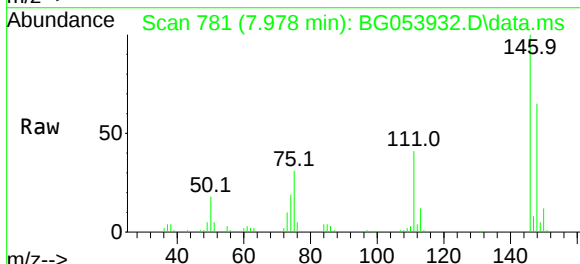
Manual Integrations
APPROVED

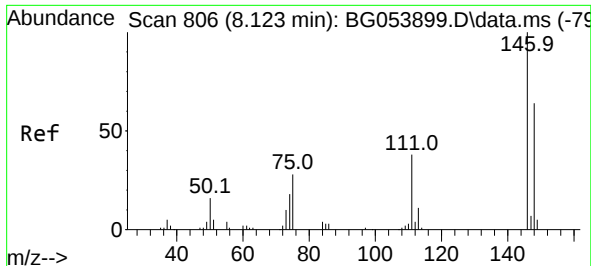
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#12
1,3-Dichlorobenzene
Concen: 39.623 ng
RT: 7.978 min Scan# 781
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

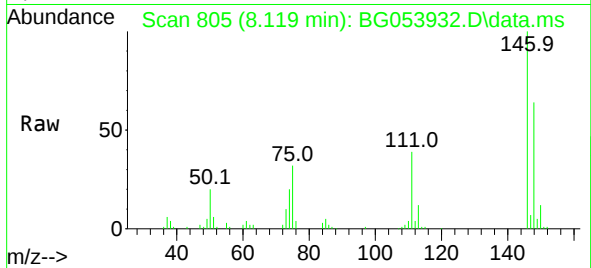
Tgt Ion:146 Resp: 68432
Ion Ratio Lower Upper
146 100
148 65.1 46.1 69.1
75 30.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 40.192 ng
RT: 8.119 min Scan# 805
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

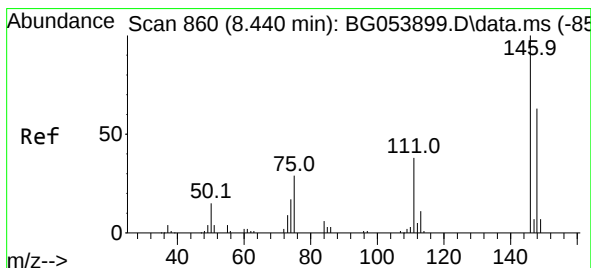
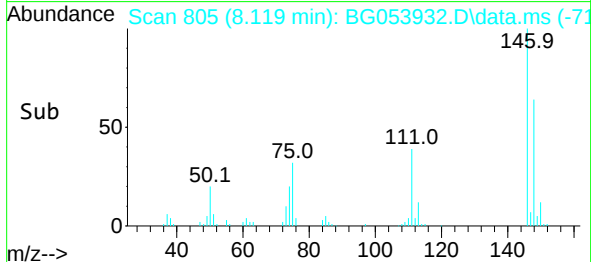
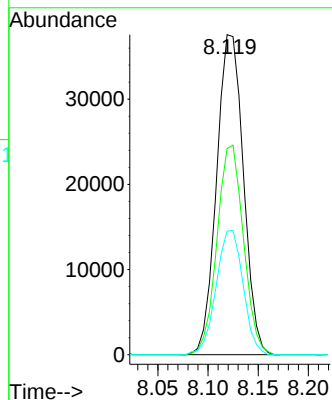
Instrument :
BNA_G
ClientSampleId :
PB145578BS



Tgt Ion:146 Resp: 6972
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 38.6 33.9 50.9

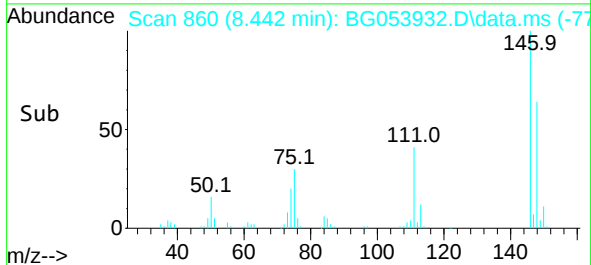
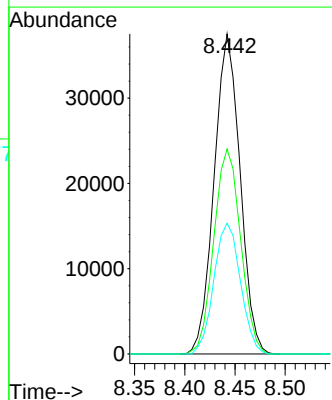
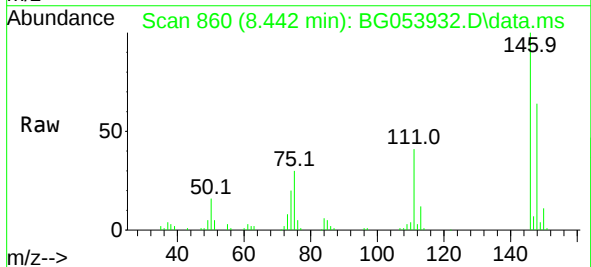
Manual Integrations
APPROVED

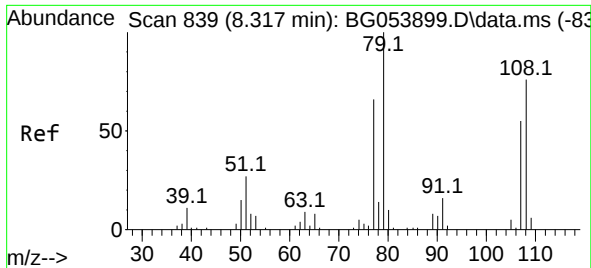
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#14
1,2-Dichlorobenzene
Concen: 40.503 ng
RT: 8.442 min Scan# 860
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:146 Resp: 67455
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
111 40.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 43.369 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

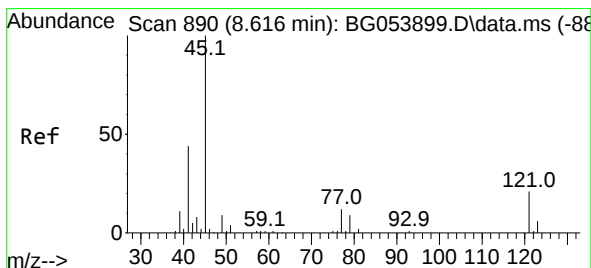
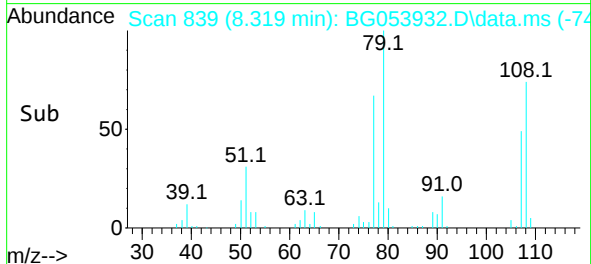
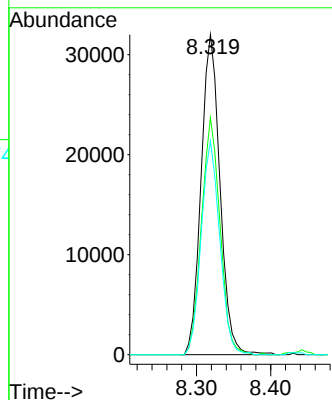
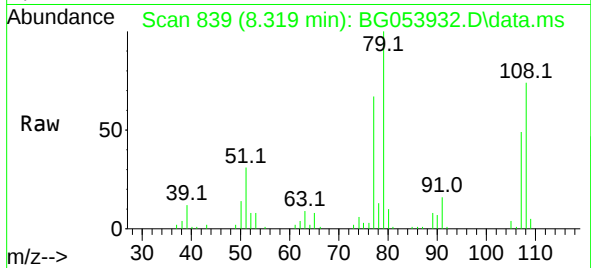
ClientSampleId :

PB145578BS

Tgt Ion: 79 Resp: 5676
Ion Ratio Lower Upper
79 100
108 74.1 53.7 80.5
77 66.8 52.2 78.4

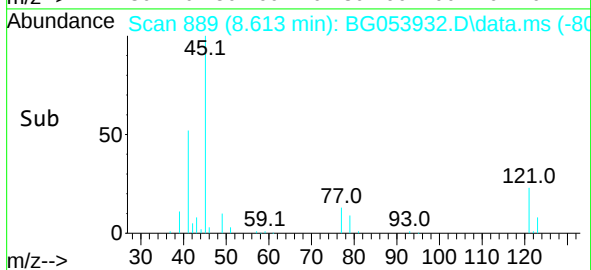
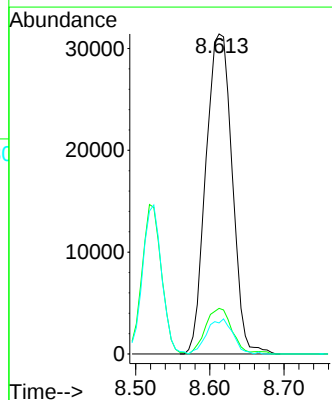
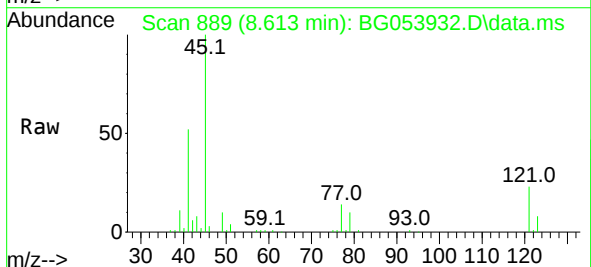
Manual Integrations
APPROVED

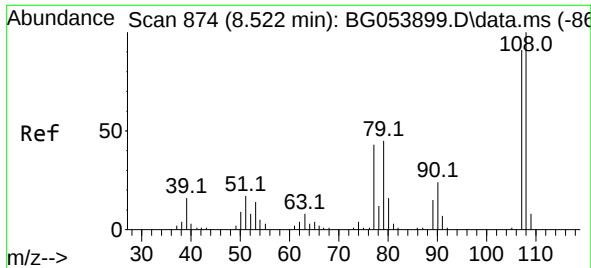
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.033 ng
RT: 8.613 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion: 45 Resp: 77447
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.7
79 9.7 0.0 29.7





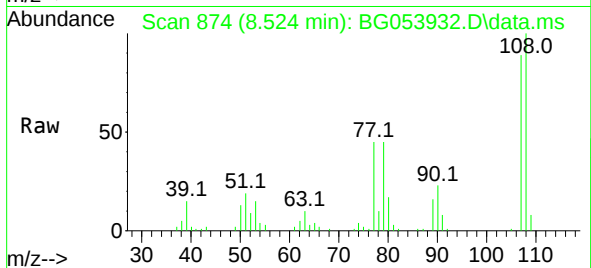
#17
2-Methylphenol
Concen: 42.556 ng
RT: 8.524 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

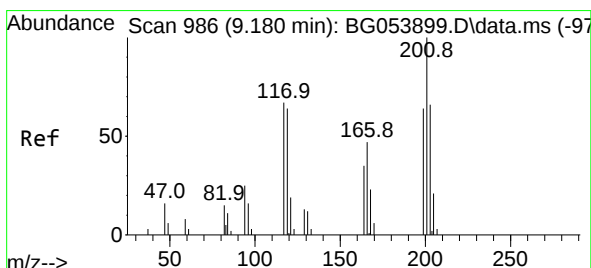
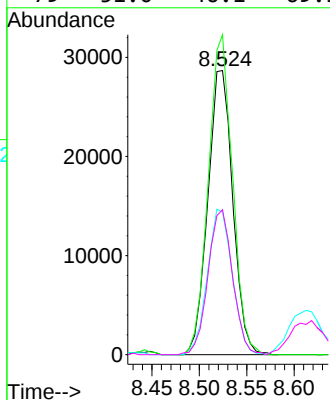
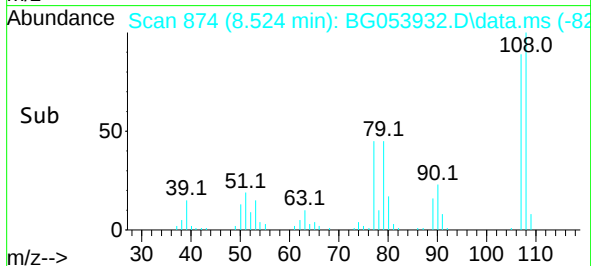


Tgt Ion:107 Resp: 52464
Ion Ratio Lower Upper
107 100
108 112.6 85.4 128.0
77 50.2 46.2 69.2
79 51.0 46.1 69.1

Manual Integrations

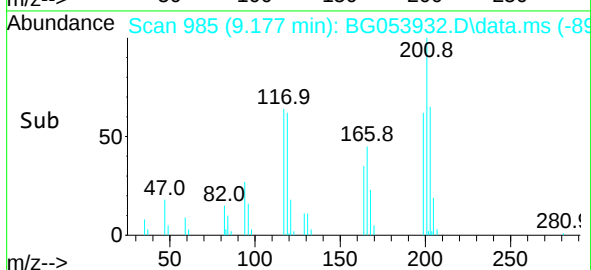
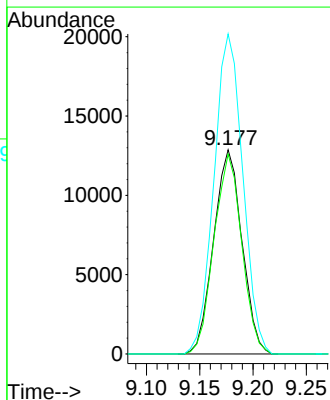
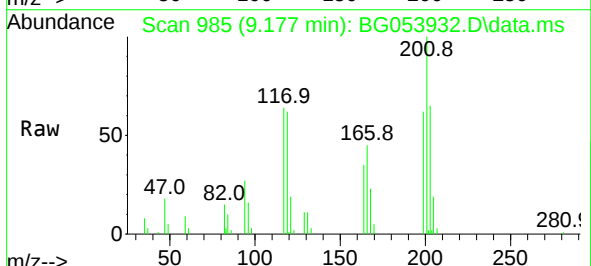
APPROVED

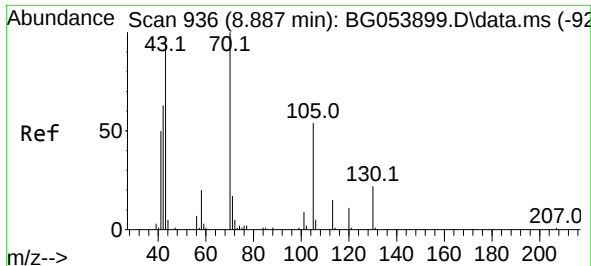
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#18
Hexachloroethane
Concen: 41.371 ng
RT: 9.177 min Scan# 985
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:117 Resp: 23810
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
201 156.8 89.0 133.6#





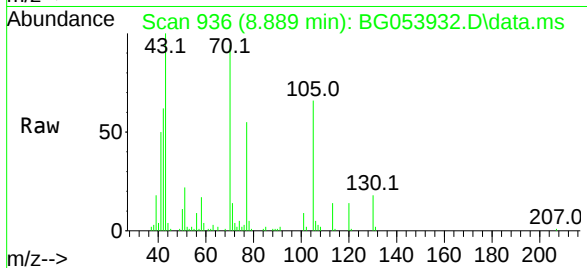
#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 8.889 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

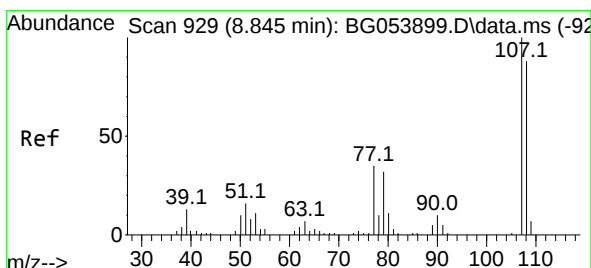
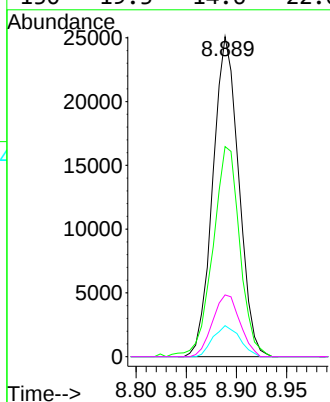
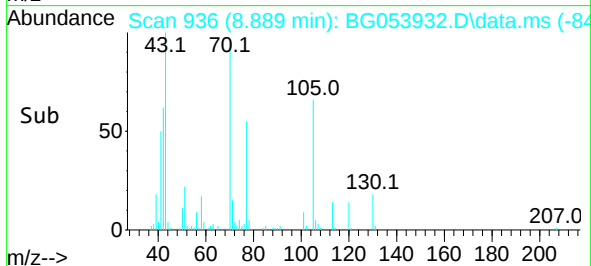


Tgt Ion: 70 Resp: 4485
Ion Ratio Lower Upper
70 100
42 65.7 47.3 70.9
101 9.7 7.0 10.4
130 19.3 14.6 22.0

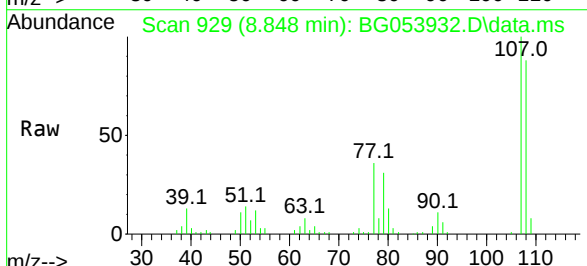
Manual Integrations

APPROVED

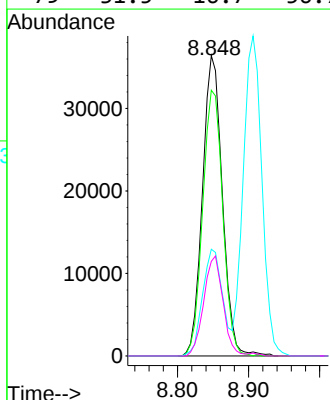
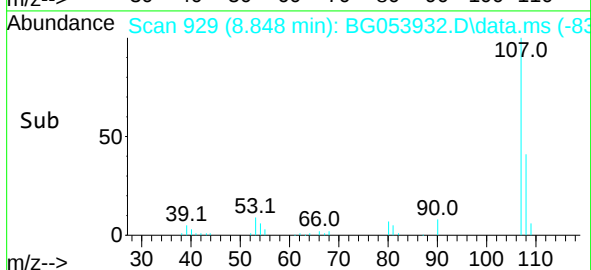
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

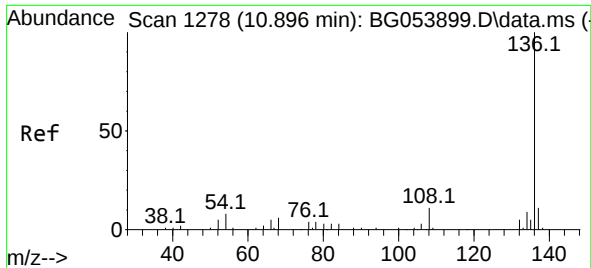


#20
3+4-Methylphenols
Concen: 41.069 ng
RT: 8.848 min Scan# 929
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:107 Resp: 71005
Ion Ratio Lower Upper
107 100
108 88.5 67.5 107.5
77 35.5 20.3 60.3
79 31.5 16.7 56.7





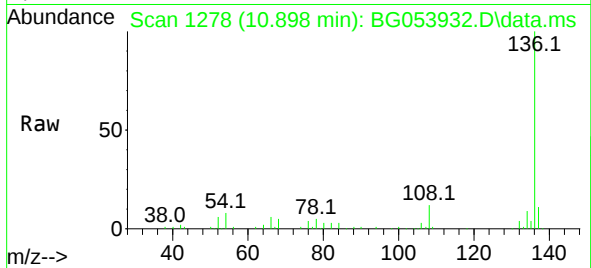
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 10898
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

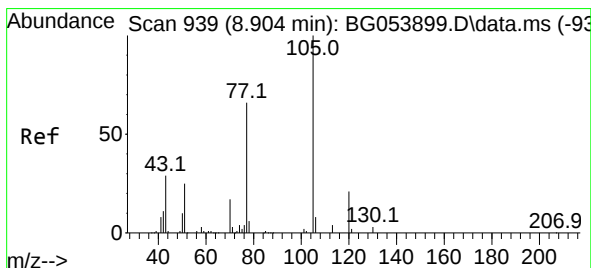
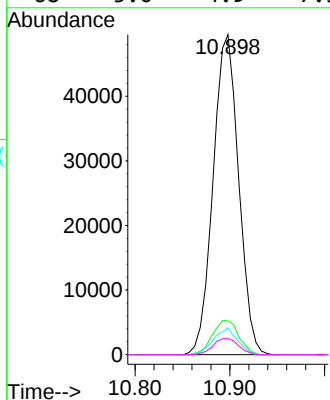
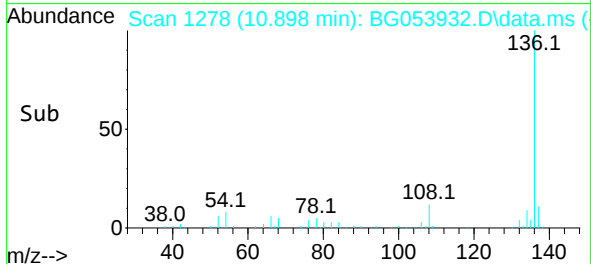


Tgt Ion:136 Resp: 92570
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 8.4 7.4 11.2
68 5.0 4.9 7.3

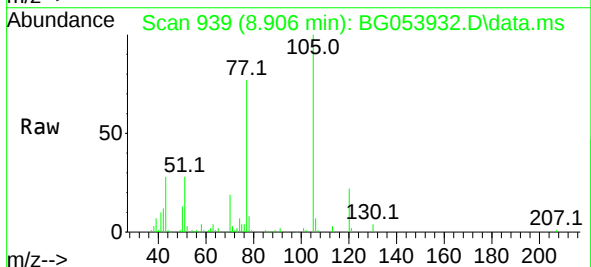
Manual Integrations

APPROVED

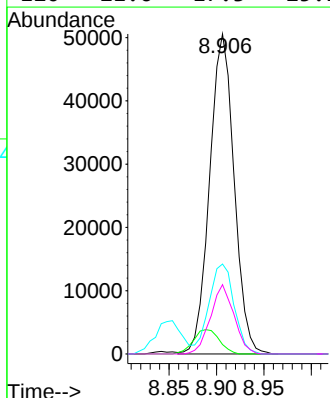
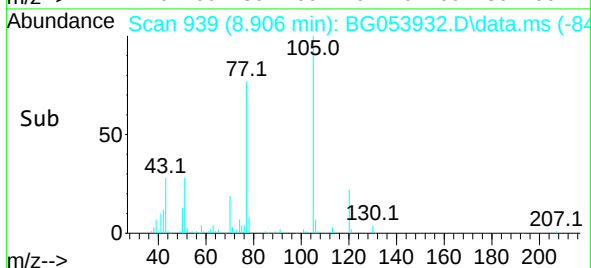
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

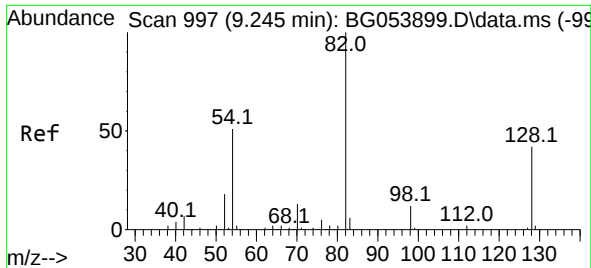


#22
Acetophenone
Concen: 40.307 ng
RT: 8.906 min Scan# 939
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:105 Resp: 90702
Ion Ratio Lower Upper
105 100
71 2.9 1.1 1.7#
51 28.1 25.4 38.0
120 21.6 17.3 25.9





#23
Nitrobenzene-d5
Concen: 80.644 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

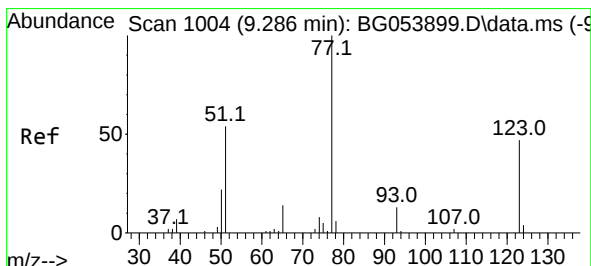
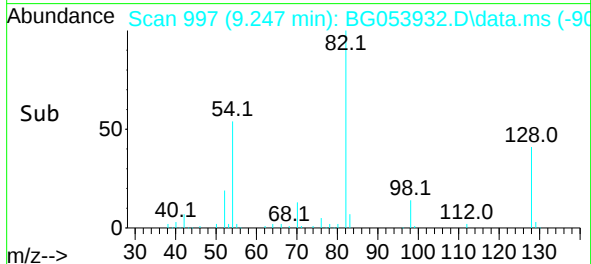
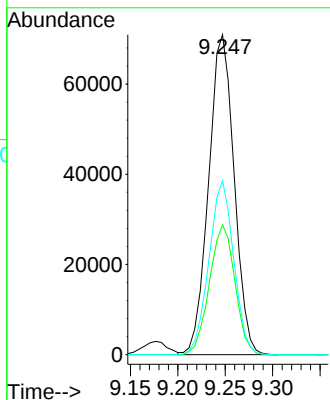
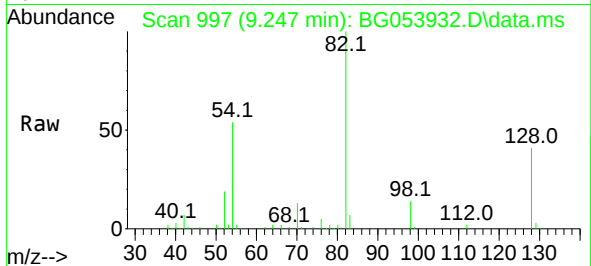
ClientSampleId :

PB145578BS

Tgt Ion: 82 Resp: 132850
Ion Ratio Lower Upper
82 100
128 40.6 27.9 41.9
54 54.3 41.2 61.8

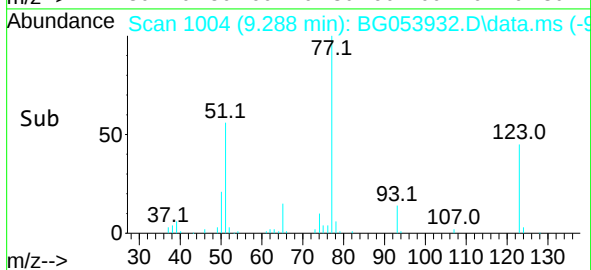
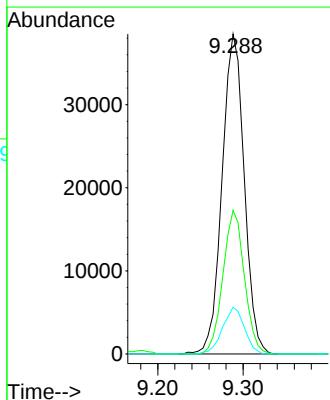
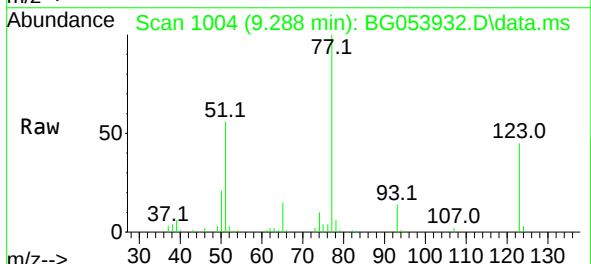
Manual Integrations
APPROVED

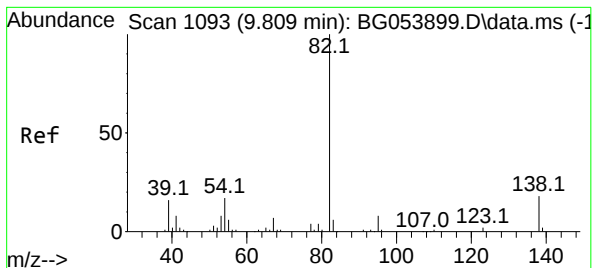
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#24
Nitrobenzene
Concen: 42.830 ng
RT: 9.288 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion: 77 Resp: 69480
Ion Ratio Lower Upper
77 100
123 44.9 27.4 41.0#
65 14.6 11.4 17.0





#25

Isophorone

Concen: 41.110 ng

RT: 9.811 min Scan# 1093

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

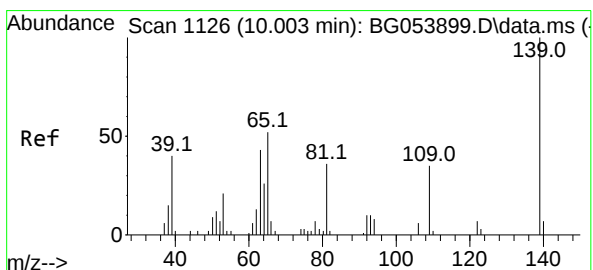
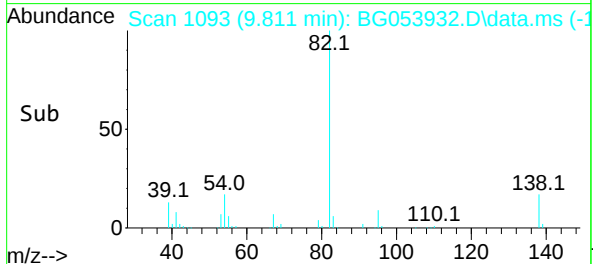
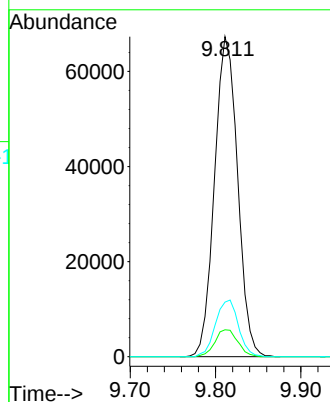
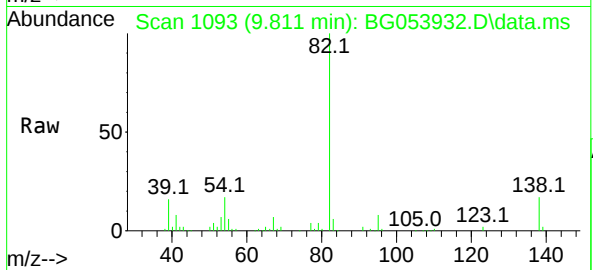
Tgt Ion:	82	Resp:	12648
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.4
138	17.0	11.6	17.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/20/2022

Supervised By :Jagrut Upadhyay 06/20/2022



#26

2-Nitrophenol

Concen: 46.489 ng

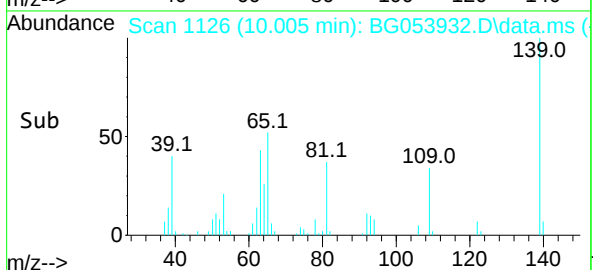
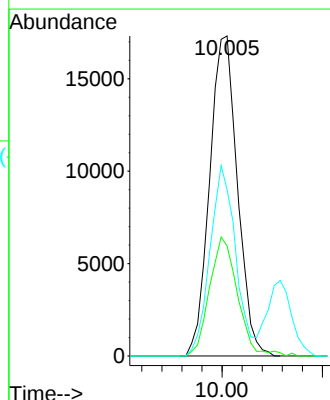
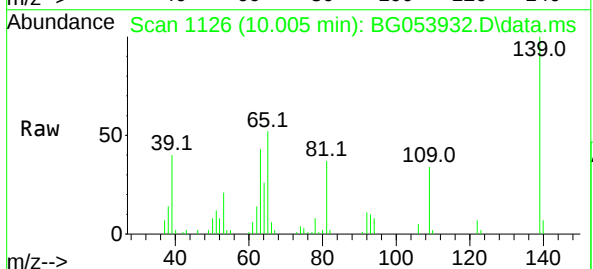
RT: 10.005 min Scan# 1126

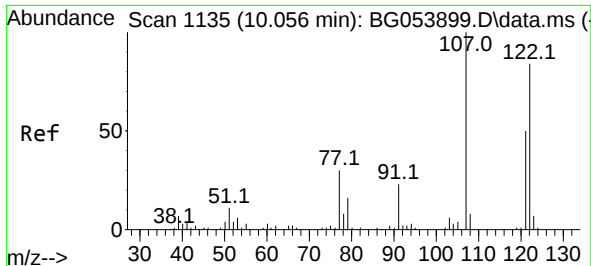
Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Tgt Ion:	139	Resp:	33310
Ion Ratio	Lower	Upper	
139	100		
109	34.4	36.1	54.1#
65	51.9	55.8	83.6#





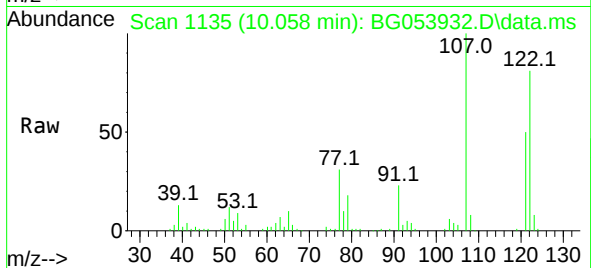
#27
2,4-Dimethylphenol
Concen: 50.702 ng
RT: 10.058 min Scan# 1135
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

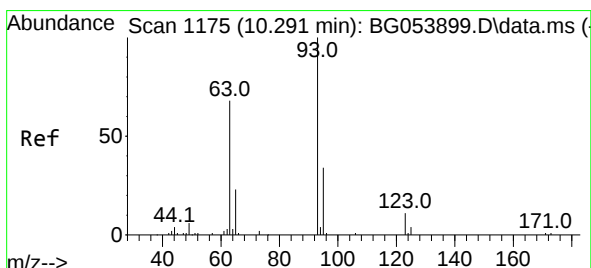
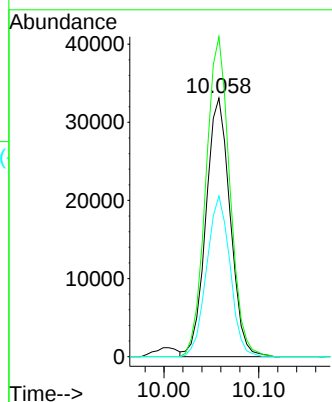
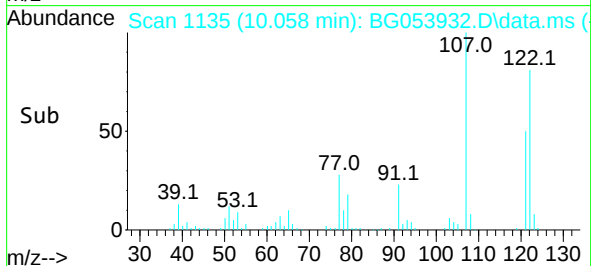


Tgt Ion:122 Resp: 5880
Ion Ratio Lower Upper
122 100
107 123.7 109.4 164.0
121 62.1 48.7 73.1

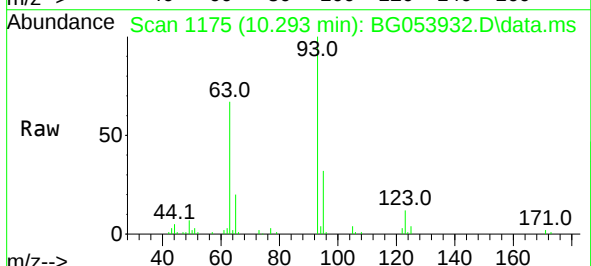
Manual Integrations

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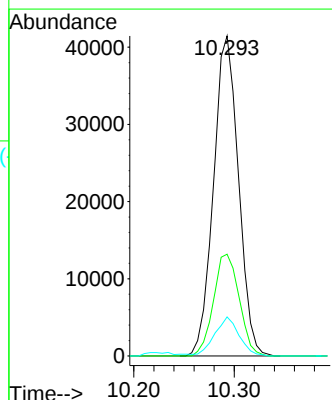
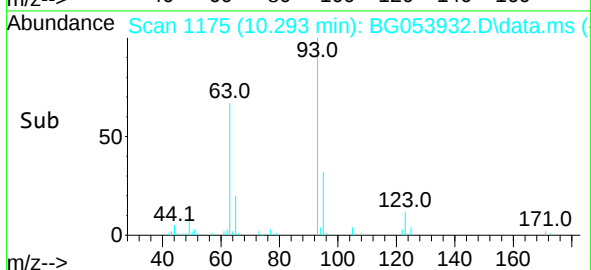
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

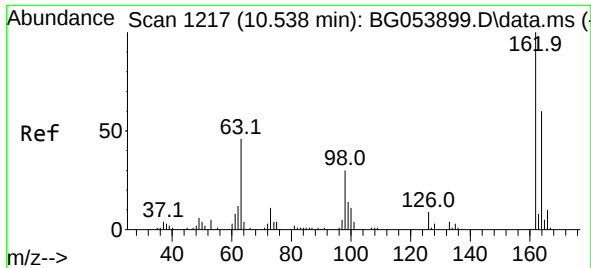


#28
bis(2-Chloroethoxy)methane
Concen: 43.128 ng
RT: 10.293 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



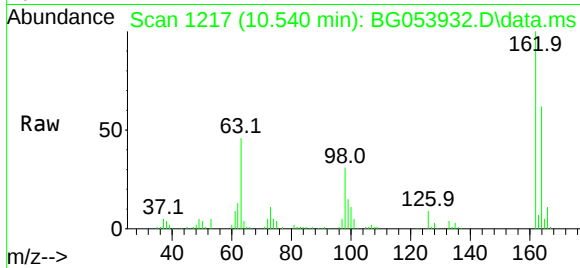
Tgt Ion: 93 Resp: 71482
Ion Ratio Lower Upper
93 100
95 31.8 26.9 40.3
123 12.2 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 45.830 ng
RT: 10.540 min Scan# 1217
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

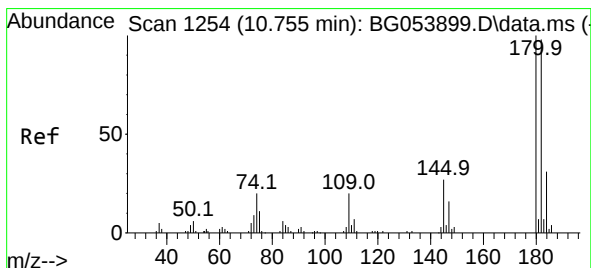
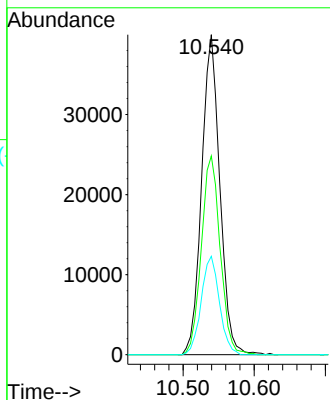
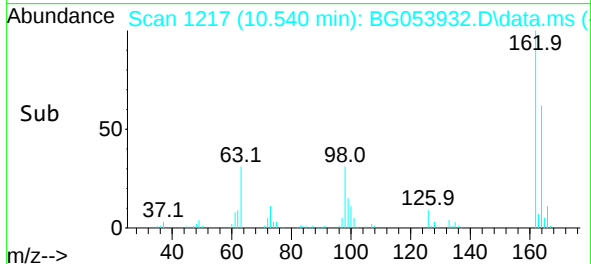
Instrument :
BNA_G
ClientSampleId :
PB145578BS



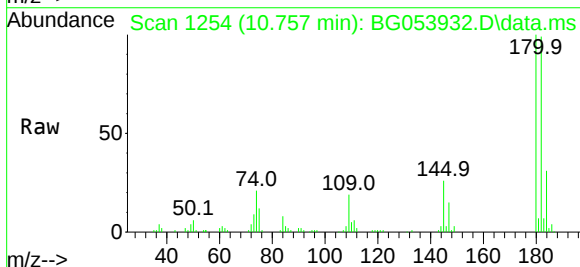
Tgt Ion:162 Resp: 71262
Ion Ratio Lower Upper
162 100
164 62.1 46.6 86.6
98 30.7 22.8 62.8

Manual Integrations
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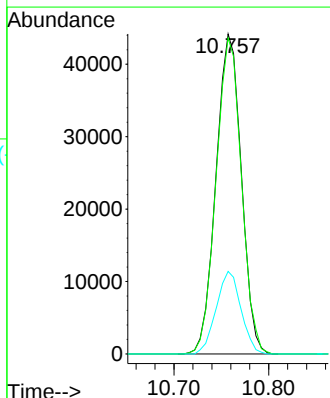
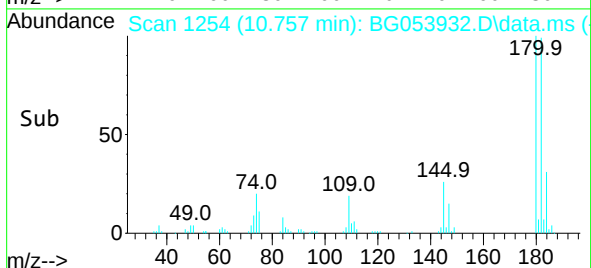
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

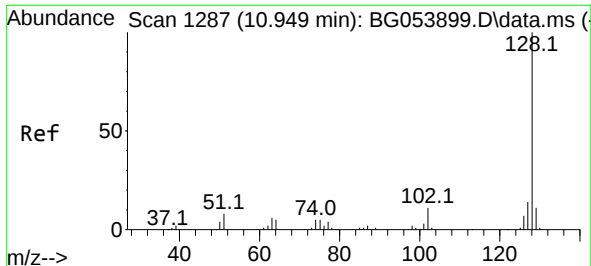


#30
1,2,4-Trichlorobenzene
Concen: 42.550 ng
RT: 10.757 min Scan# 1254
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



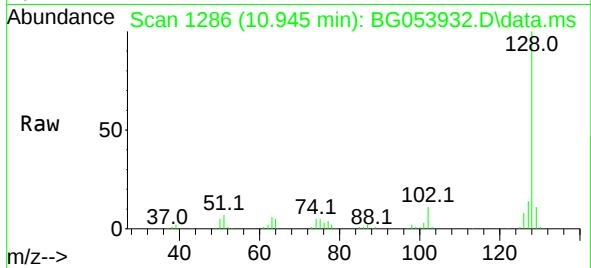
Tgt Ion:180 Resp: 81924
Ion Ratio Lower Upper
180 100
182 98.7 76.6 115.0
145 25.8 25.0 37.4





#31
Naphthalene
Concen: 39.148 ng
RT: 10.945 min Scan# 1162
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

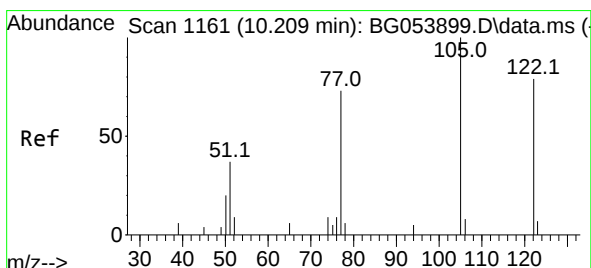
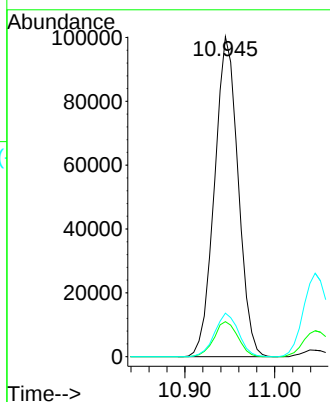
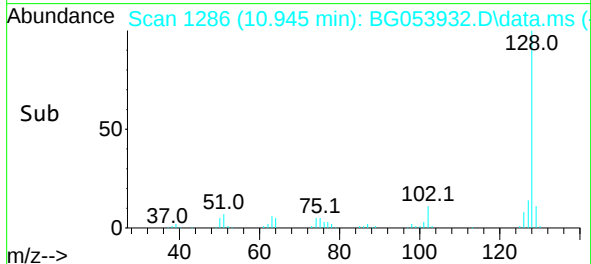
Instrument :
BNA_G
ClientSampleId :
PB145578BS



Tgt Ion:128 Resp: 18295
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 11.1 16.7

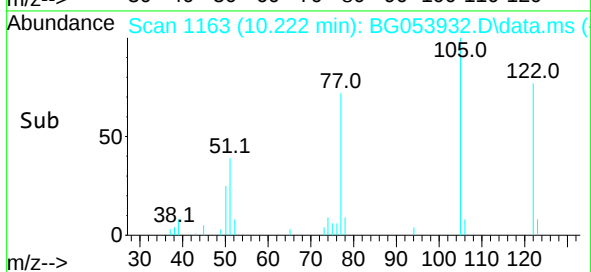
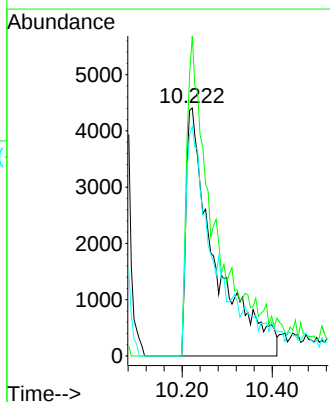
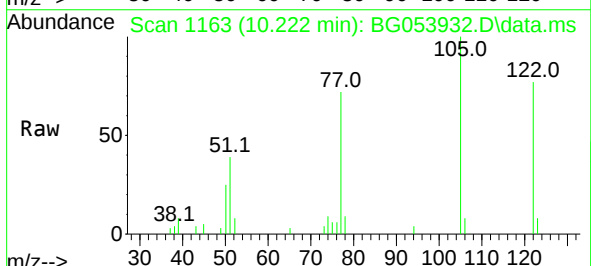
Manual Integrations
APPROVED

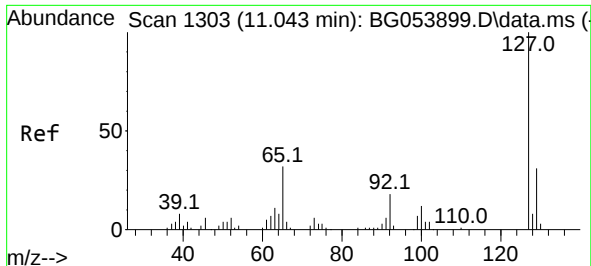
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#32
Benzoic acid
Concen: 40.853 ng m
RT: 10.222 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:122 Resp: 19531
Ion Ratio Lower Upper
122 100
105 129.1 111.8 151.8
77 92.6 109.4 149.4#





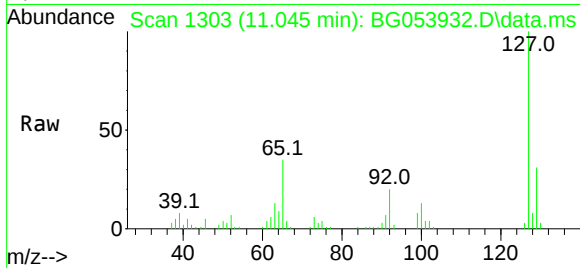
#33
4-Chloroaniline
Concen: 26.036 ng
RT: 11.045 min Scan# 1303
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

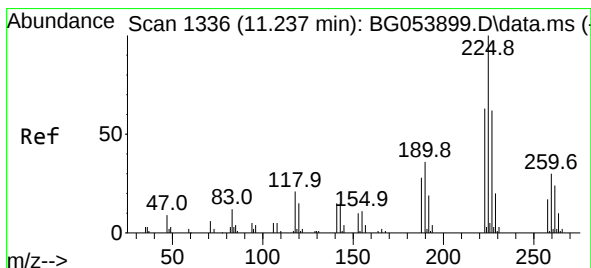
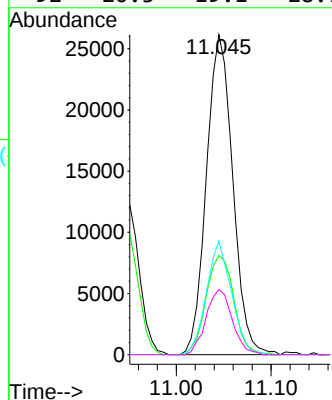
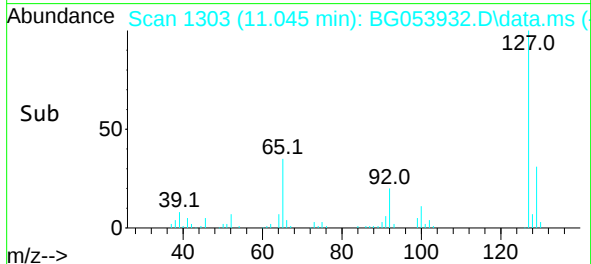


Tgt Ion:127 Resp: 50479
Ion Ratio Lower Upper
127 100
129 31.0 26.3 39.5
65 35.5 31.1 46.7
92 20.3 19.1 28.7

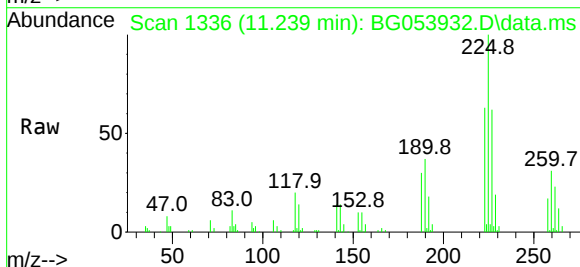
Manual Integrations

APPROVED

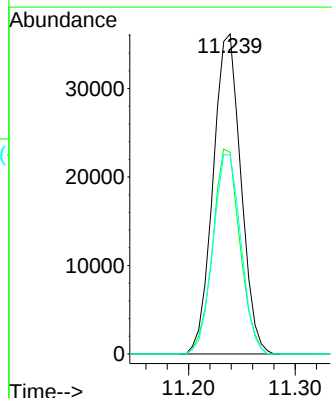
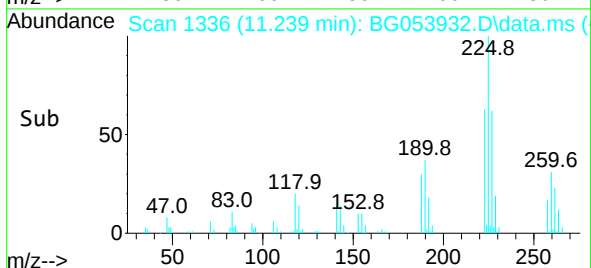
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

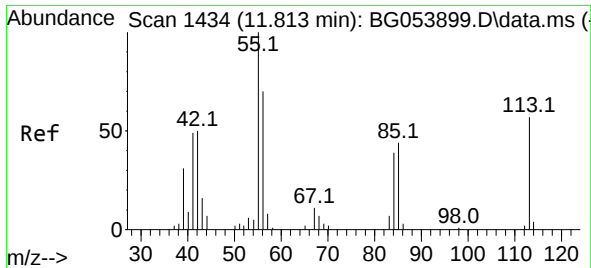


#34
Hexachlorobutadiene
Concen: 44.156 ng
RT: 11.239 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



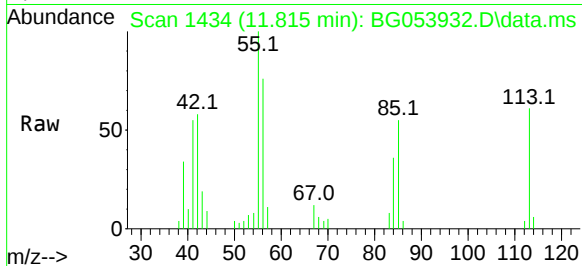
Tgt Ion:225 Resp: 65362
Ion Ratio Lower Upper
225 100
223 63.0 48.9 73.3
227 62.1 52.8 79.2





#35
Caprolactam
Concen: 45.038 ng m
RT: 11.815 min Scan# 1434
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

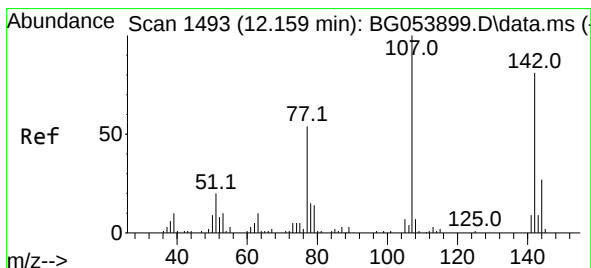
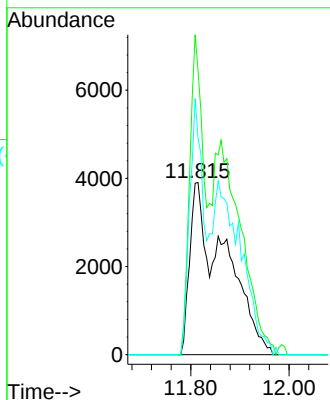
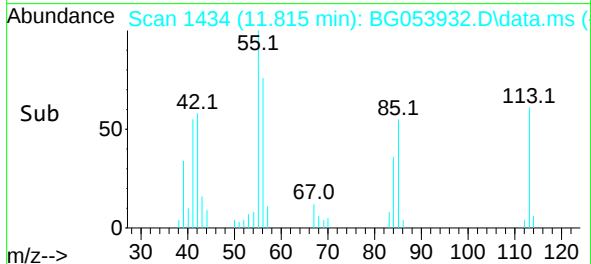
Instrument :
BNA_G
ClientSampleId :
PB145578BS



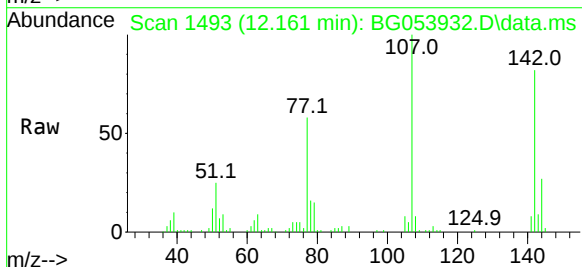
Tgt Ion:113 Resp: 19279
Ion Ratio Lower Upper
113 100
55 164.8 169.8 209.8
56 125.7 141.2 181.2

Manual Integrations
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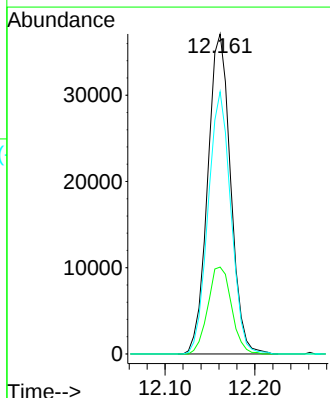
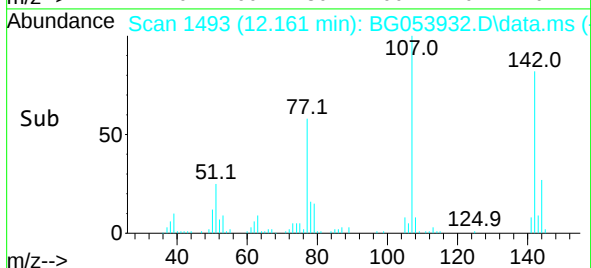
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

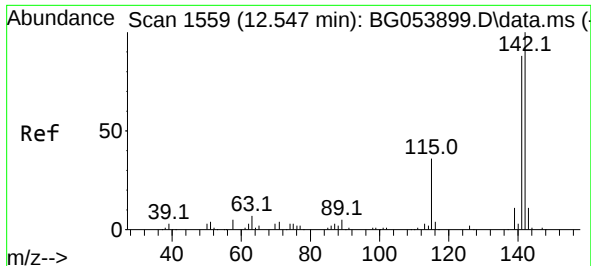


#36
4-Chloro-3-methylphenol
Concen: 43.429 ng
RT: 12.161 min Scan# 1493
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:107 Resp: 65646
Ion Ratio Lower Upper
107 100
144 27.1 18.5 27.7
142 82.0 55.0 82.4





#37

2-Methylnaphthalene

Concen: 39.342 ng

RT: 12.543 min Scan# 1558

Delta R.T. -0.005 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

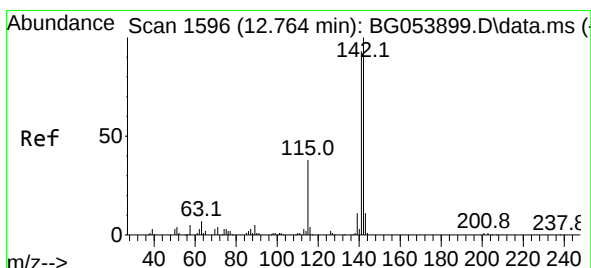
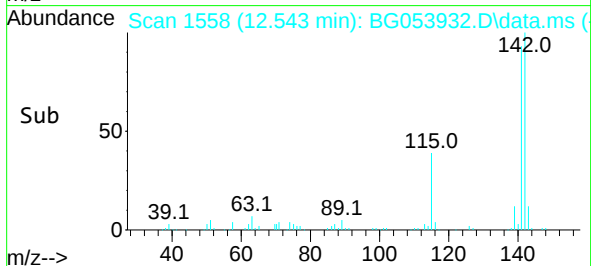
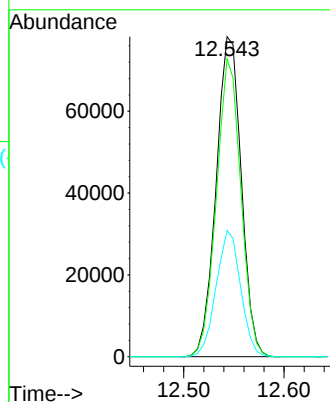
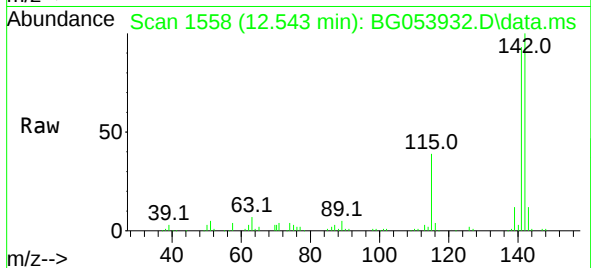
Tgt Ion:142 Resp: 136030

Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.3	108.5
115	39.5	33.7	50.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#38

1-Methylnaphthalene

Concen: 38.968 ng

RT: 12.761 min Scan# 1595

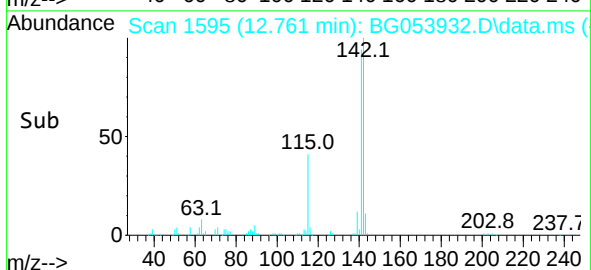
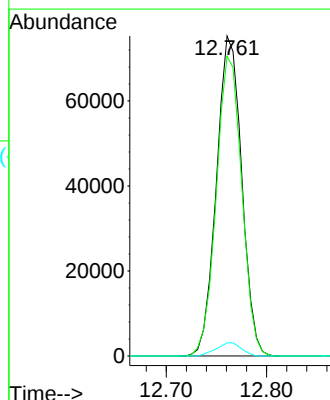
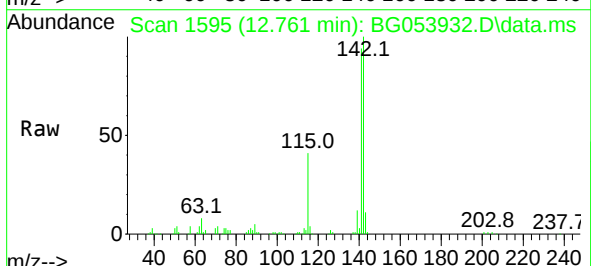
Delta R.T. -0.005 min

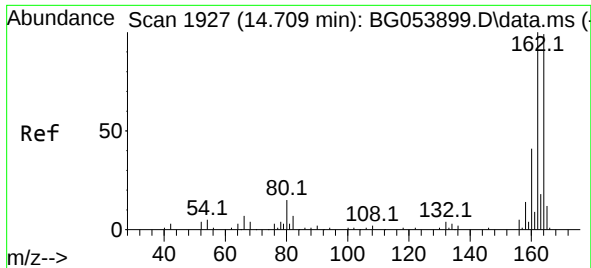
Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Tgt Ion:142 Resp: 131196

Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.4	114.6
116	4.1	3.3	4.9





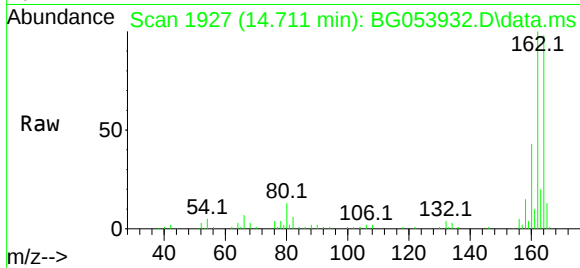
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

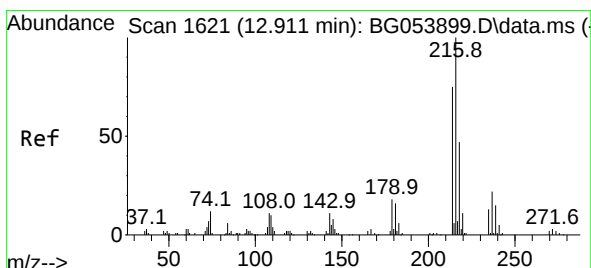
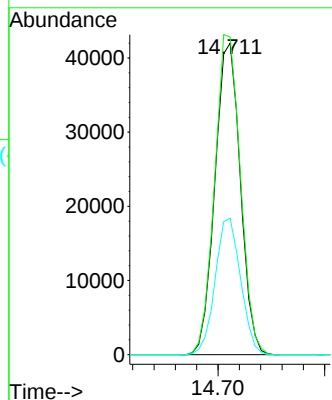
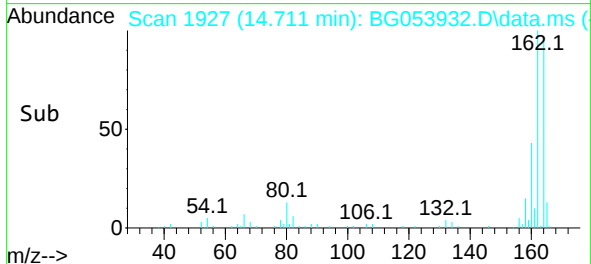


Tgt Ion:164 Resp: 69360
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 43.8 34.2 51.2

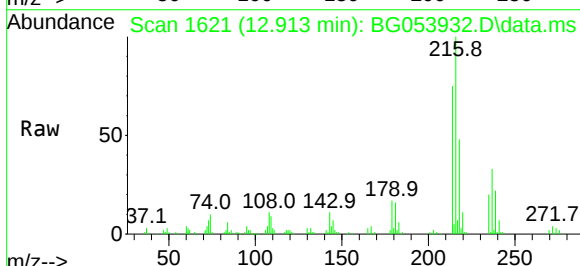
Manual Integrations

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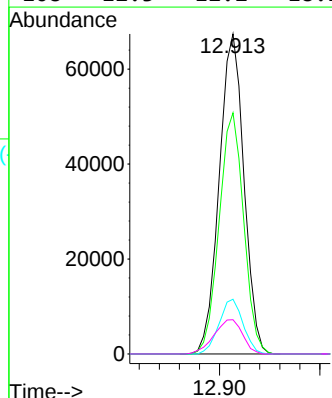
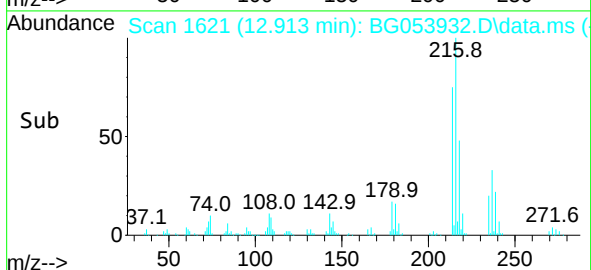
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

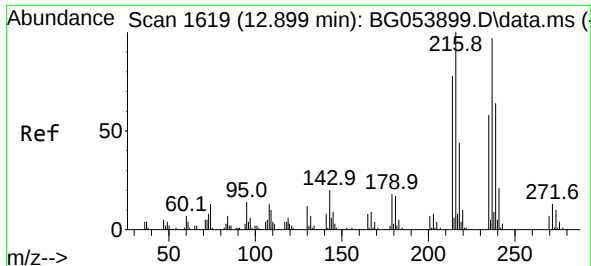


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.005 ng
RT: 12.913 min Scan# 1621
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



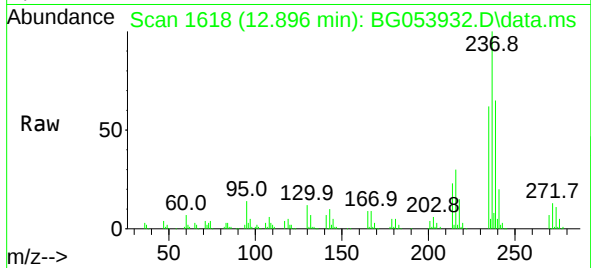
Tgt Ion:216 Resp: 114936
Ion Ratio Lower Upper
216 100
214 74.7 62.9 94.3
179 16.7 16.1 24.1
108 12.3 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 103.471 ng
RT: 12.896 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

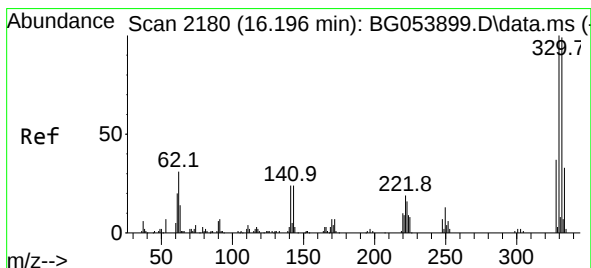
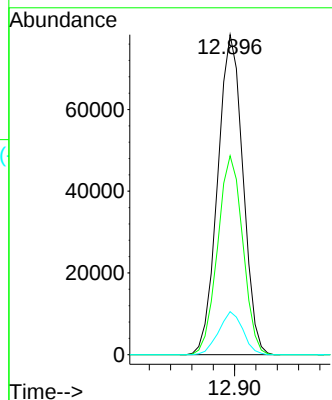
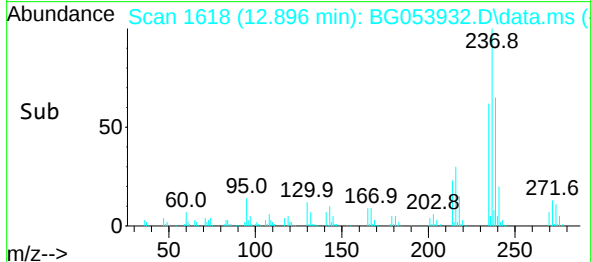
Instrument :
BNA_G
ClientSampleId :
PB145578BS



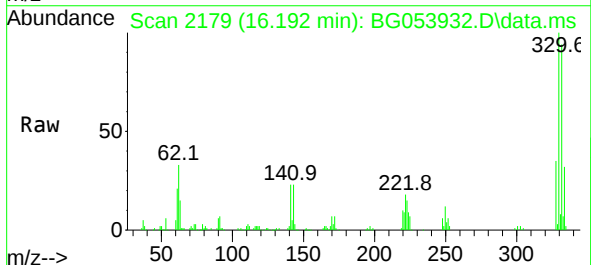
Tgt Ion:237 Resp: 128768
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 13.5 0.0 30.1

Manual Integrations
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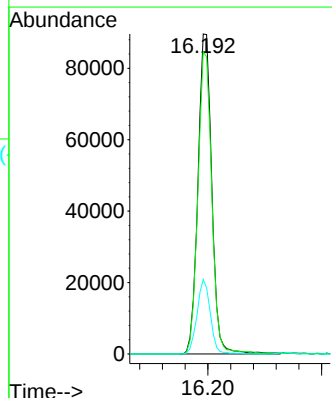
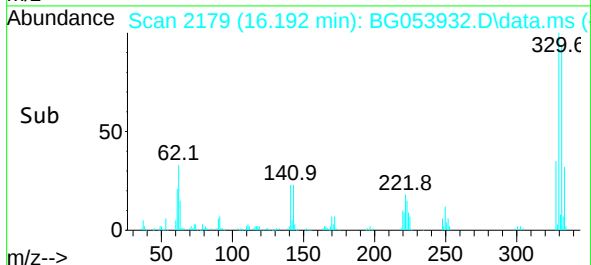
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

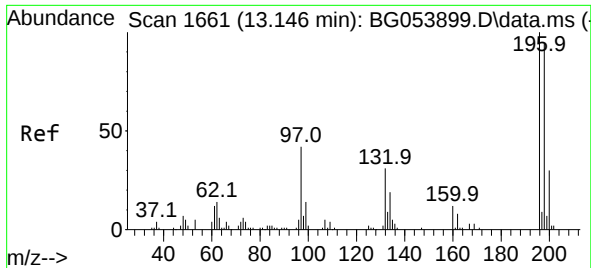


#42
2,4,6-Tribromophenol
Concen: 136.653 ng
RT: 16.192 min Scan# 2179
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:330 Resp: 152285
Ion Ratio Lower Upper
330 100
332 94.1 76.0 114.0
141 22.3 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 44.880 ng
RT: 13.142 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

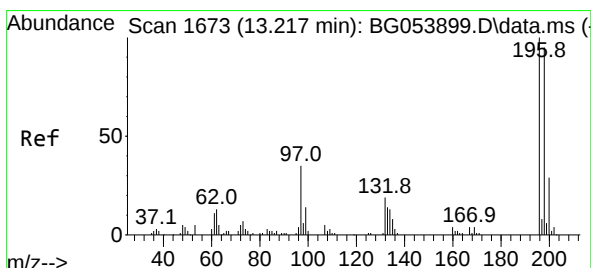
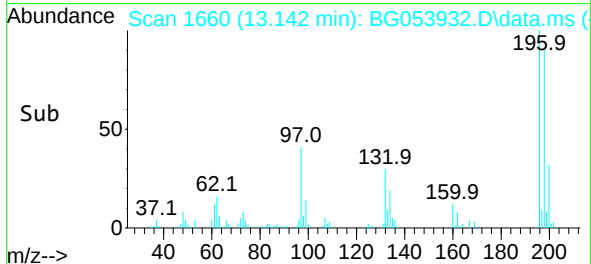
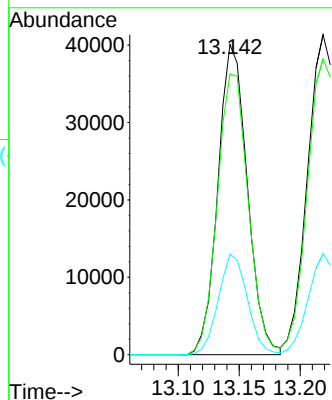
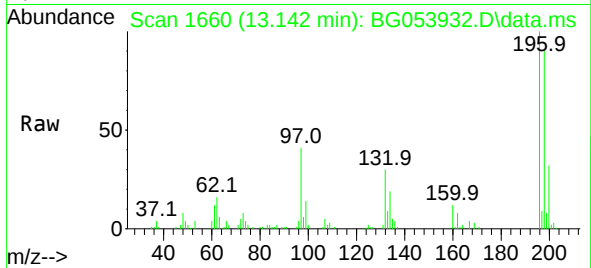
ClientSampleId :

PB145578BS

Tgt Ion:196 Resp: 6737
Ion Ratio Lower Upper
196 100
198 90.5 74.1 111.1
200 32.4 24.7 37.1

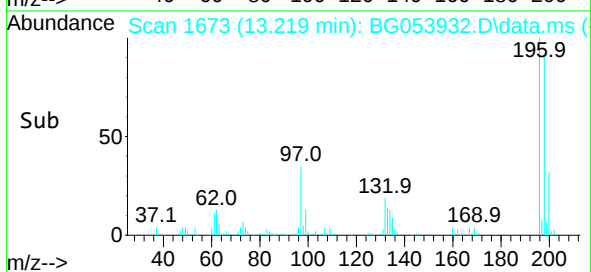
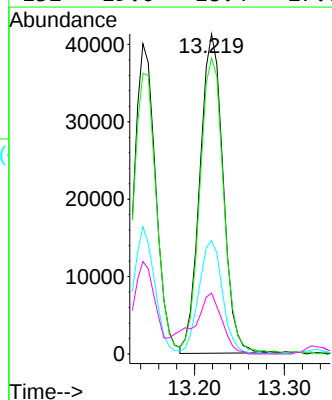
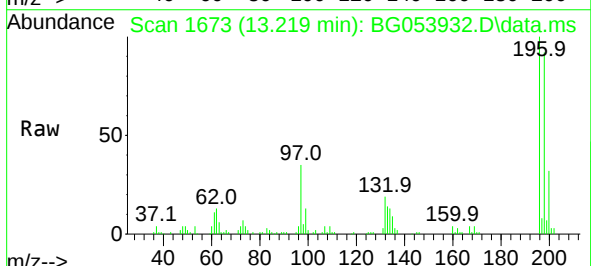
Manual Integrations
APPROVED

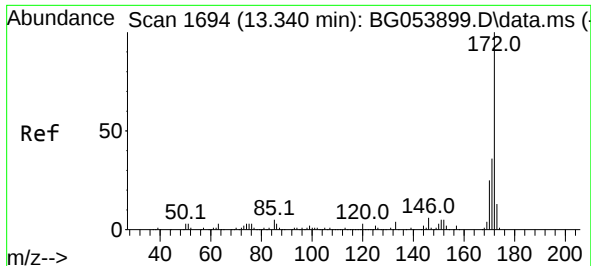
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#44
2,4,5-Trichlorophenol
Concen: 44.170 ng
RT: 13.219 min Scan# 1673
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

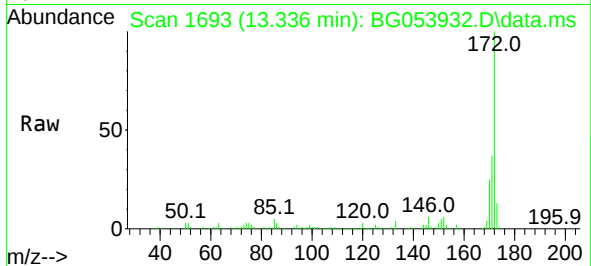
Tgt Ion:196 Resp: 74041
Ion Ratio Lower Upper
196 100
198 92.4 76.8 115.2
97 35.4 39.8 59.6#
132 19.0 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 78.645 ng
RT: 13.336 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

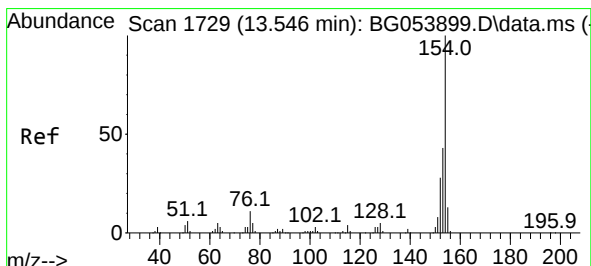
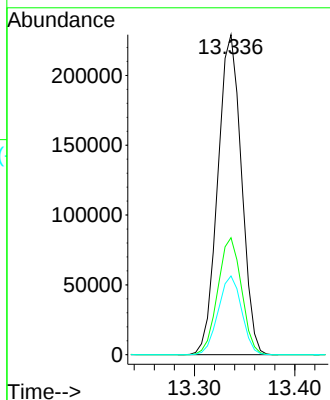
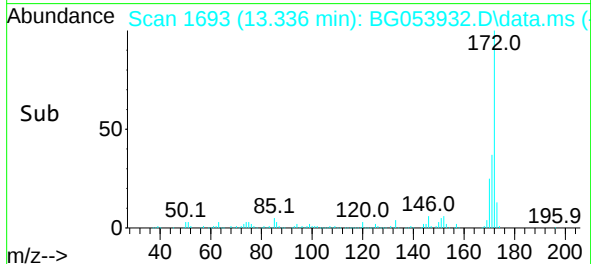
Instrument :
BNA_G
ClientSampleId :
PB145578BS



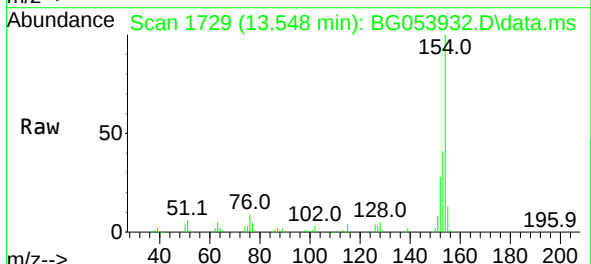
Tgt Ion:172 Resp: 375120
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.6 18.9 28.3

Manual Integrations
APPROVED

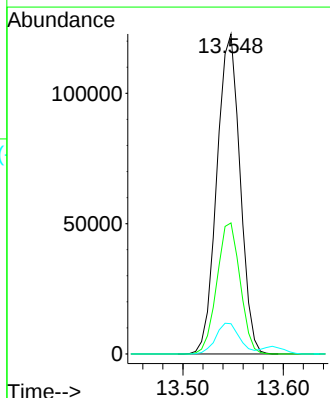
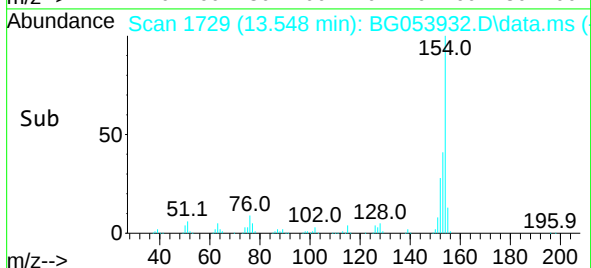
Reviewed By :Christian Giraldo 06/20/2022
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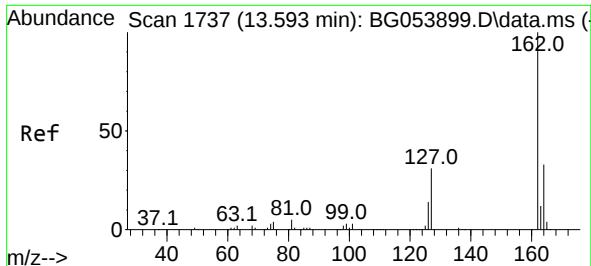


#46
1,1'-Biphenyl
Concen: 40.716 ng
RT: 13.548 min Scan# 1729
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



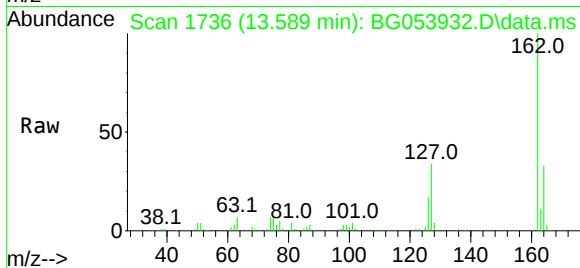
Tgt Ion:154 Resp: 196714
Ion Ratio Lower Upper
154 100
153 41.0 21.6 61.6
76 9.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.478 ng
RT: 13.589 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

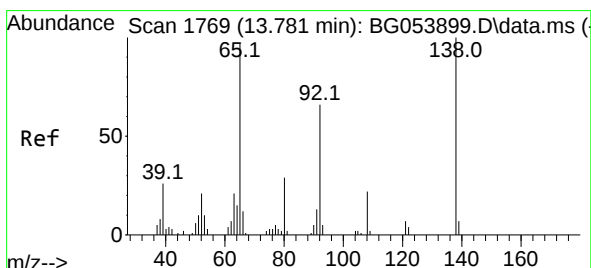
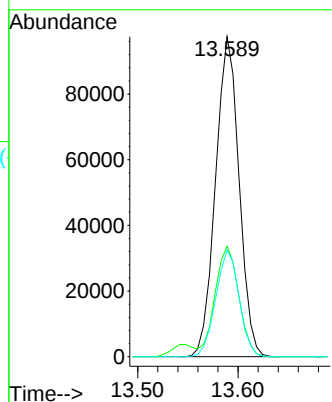
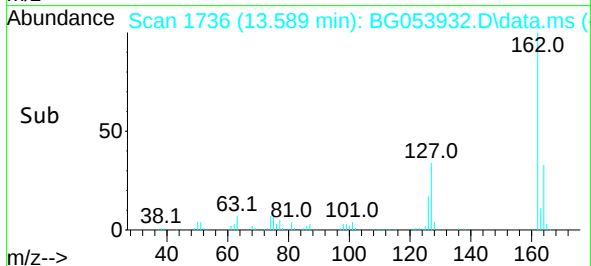
Instrument :
BNA_G
ClientSampleId :
PB145578BS



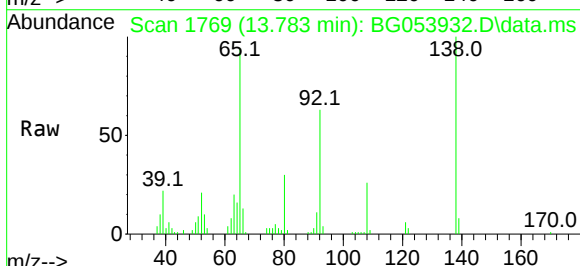
Tgt Ion:162 Resp: 158269
Ion Ratio Lower Upper
162 100
127 34.5 30.6 45.8
164 33.3 26.5 39.7

Manual Integrations
APPROVED

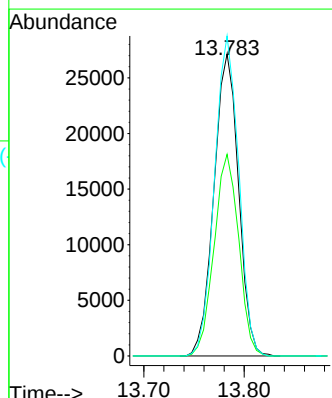
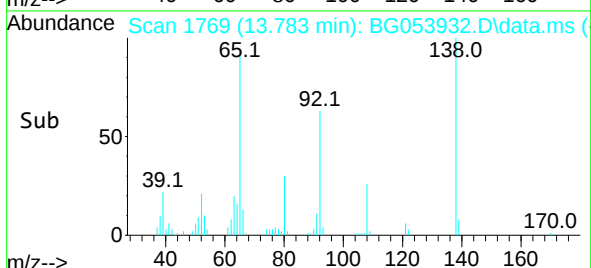
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

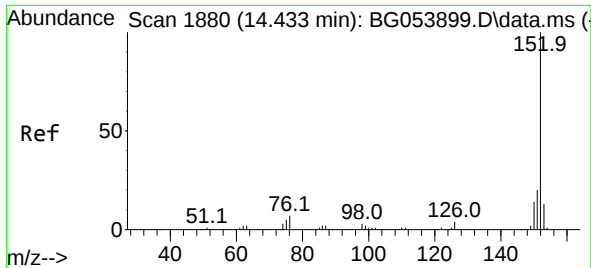


#48
2-Nitroaniline
Concen: 44.427 ng
RT: 13.783 min Scan# 1769
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion: 65 Resp: 46208
Ion Ratio Lower Upper
65 100
92 66.7 51.5 77.3
138 105.9 71.3 106.9





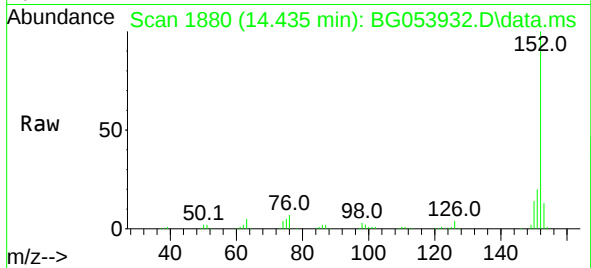
#49
Acenaphthylene
Concen: 42.180 ng
RT: 14.435 min Scan# 1880
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

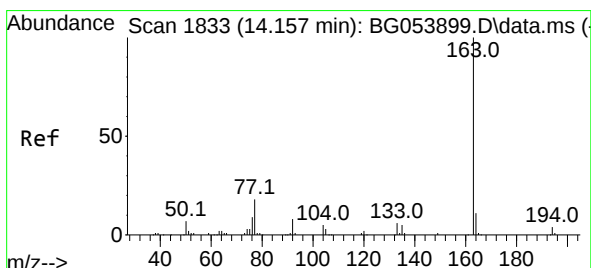
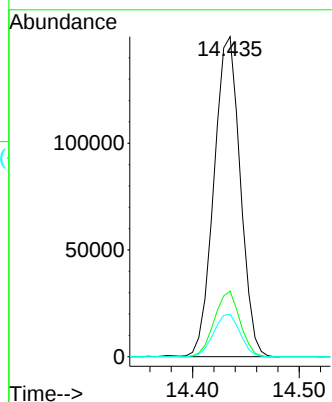


Tgt Ion:152 Resp: 25645
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.2 10.8 16.2

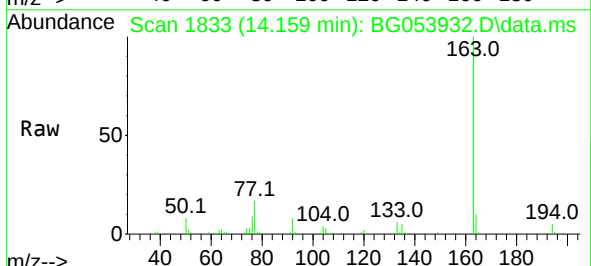
Manual Integrations

APPROVED

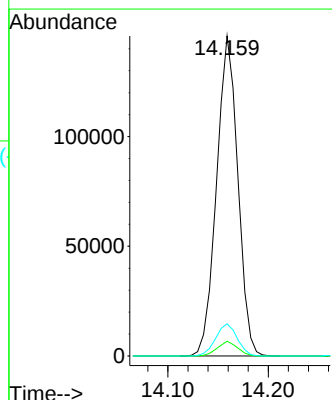
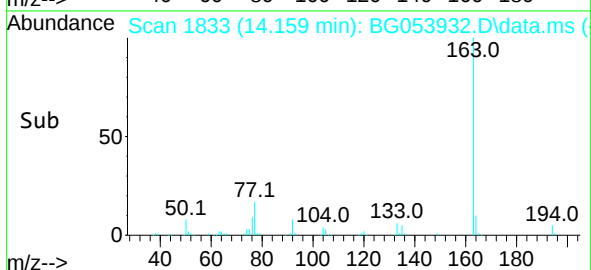
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

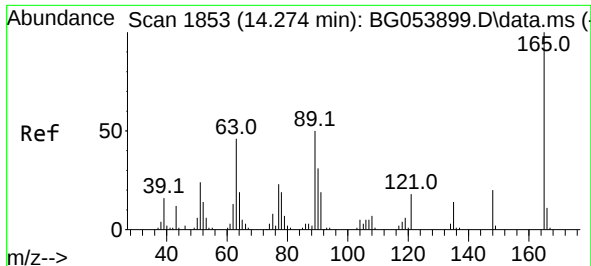


#50
Dimethylphthalate
Concen: 40.602 ng
RT: 14.159 min Scan# 1833
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



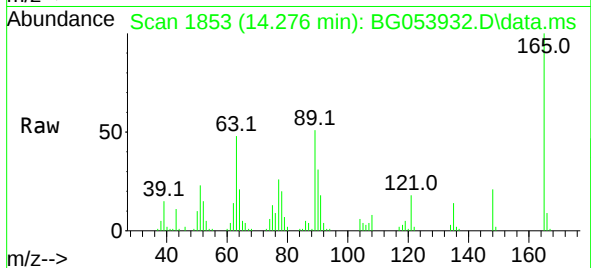
Tgt Ion:163 Resp: 214476
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.485 ng
RT: 14.276 min Scan# 1853
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

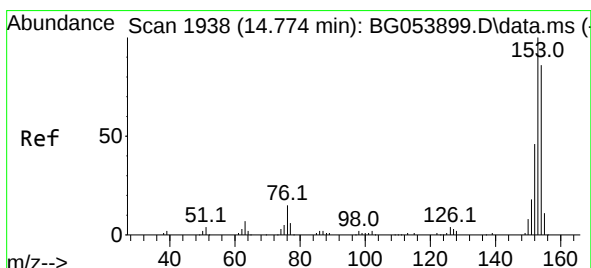
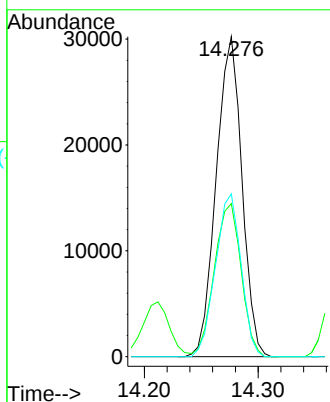
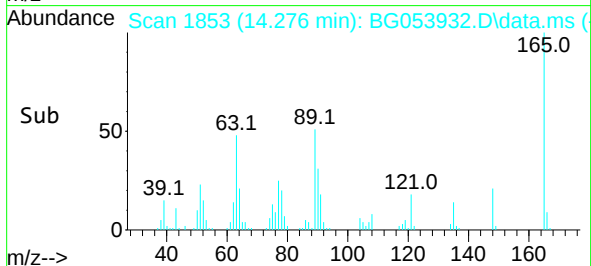
Instrument :
BNA_G
ClientSampleId :
PB145578BS



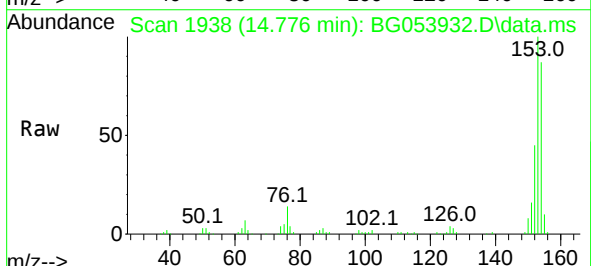
Tgt Ion:165 Resp: 4747
Ion Ratio Lower Upper
165 100
63 47.8 54.1 81.1
89 50.9 54.8 82.2

Manual Integrations
APPROVED

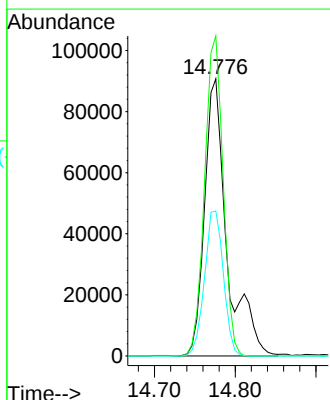
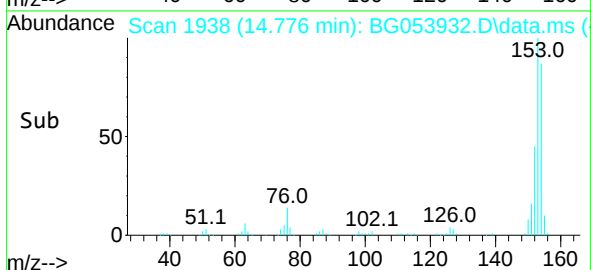
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

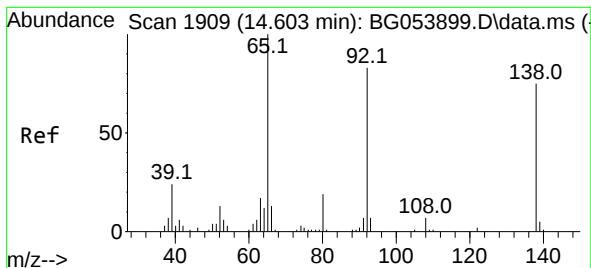


#52
Acenaphthene
Concen: 45.387 ng m
RT: 14.776 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:154 Resp: 175899
Ion Ratio Lower Upper
154 100
153 115.5 92.7 139.1
152 52.3 42.6 64.0





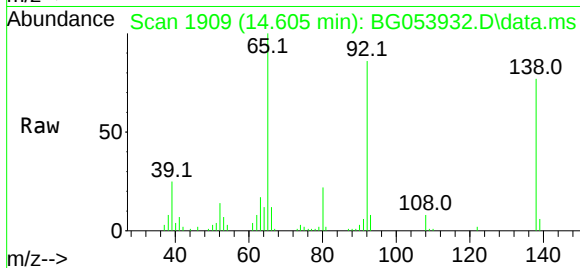
#53
3-Nitroaniline
Concen: 31.853 ng
RT: 14.605 min Scan# 1909
Delta R.T. 0.007 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

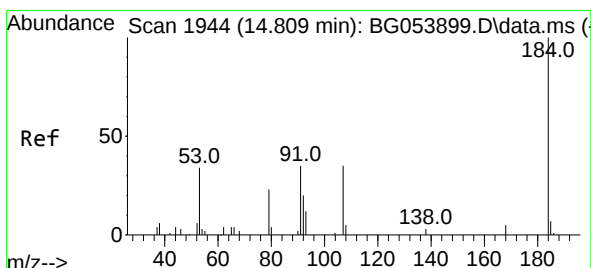
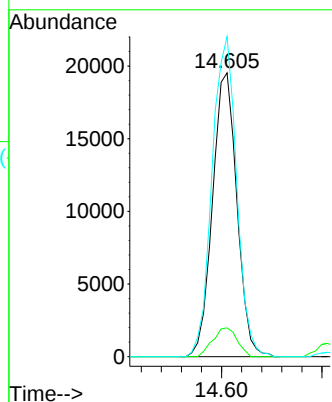
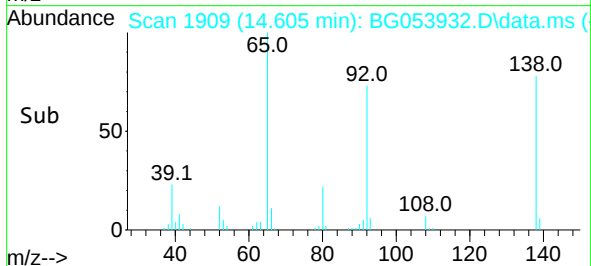


Tgt Ion:138 Resp: 32938
Ion Ratio Lower Upper
138 100
108 10.1 9.2 13.8
92 112.7 101.9 152.9

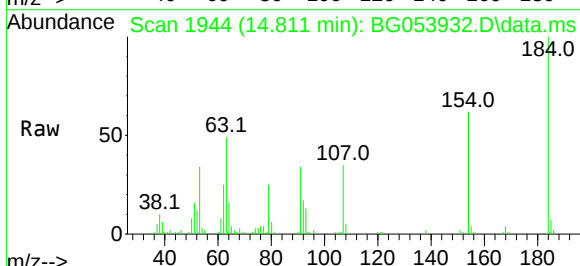
Manual Integrations

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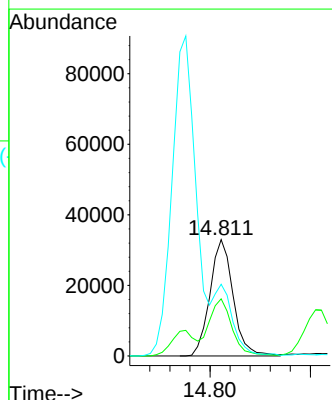
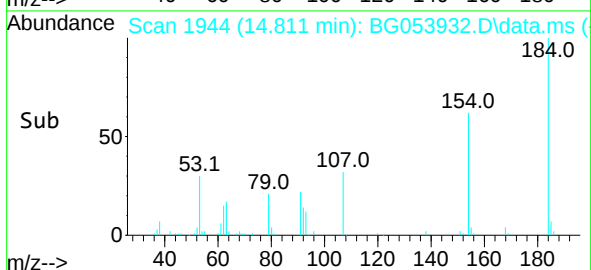
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

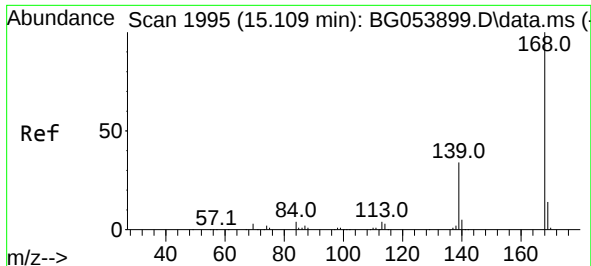


#54
2,4-Dinitrophenol
Concen: 88.974 ng
RT: 14.811 min Scan# 1944
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



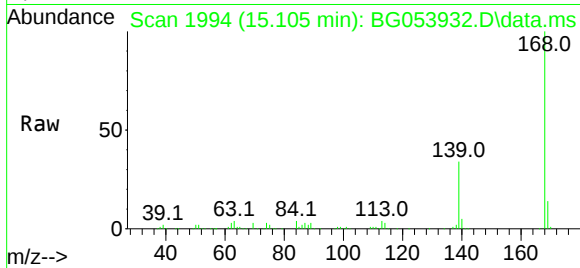
Tgt Ion:184 Resp: 52907
Ion Ratio Lower Upper
184 100
63 49.2 61.1 91.7#
154 61.6 60.6 91.0





#55
Dibenzofuran
Concen: 40.995 ng
RT: 15.105 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

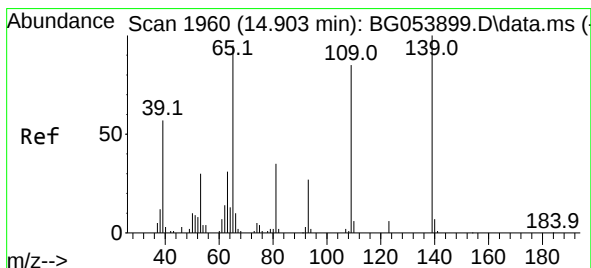
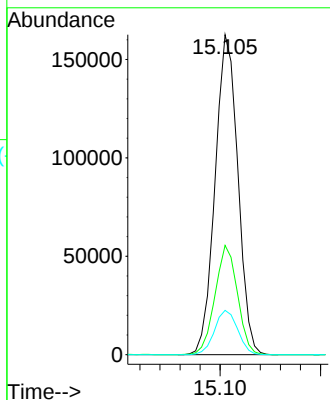
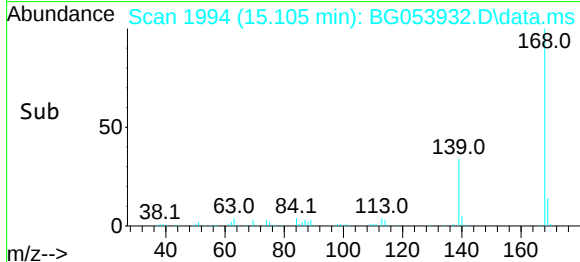
Instrument :
BNA_G
ClientSampleId :
PB145578BS



Tgt Ion:168 Resp: 255978
Ion Ratio Lower Upper
168 100
139 34.1 30.5 45.7
169 13.9 10.3 15.5

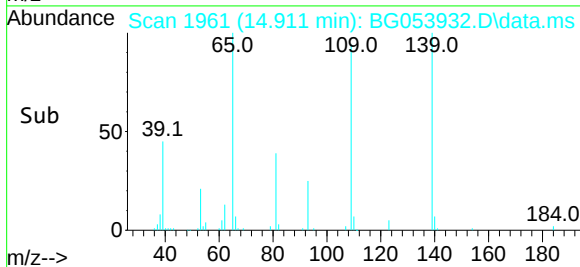
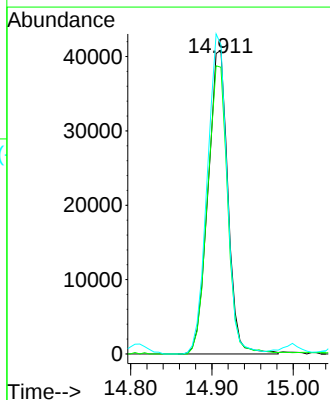
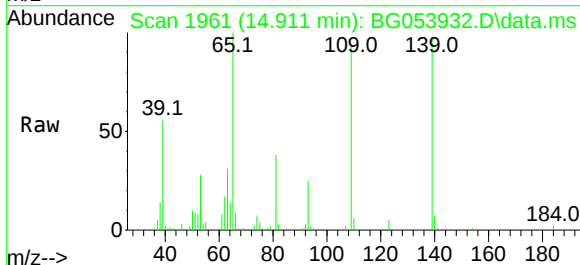
Manual Integrations
APPROVED

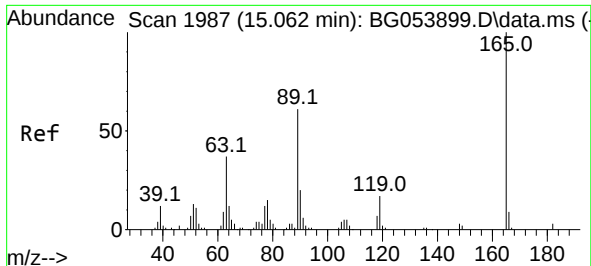
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#56
4-Nitrophenol
Concen: 94.625 ng
RT: 14.911 min Scan# 1961
Delta R.T. 0.007 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:139 Resp: 69463
Ion Ratio Lower Upper
139 100
109 94.4 88.5 128.5
65 101.8 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 45.551 ng
RT: 15.064 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

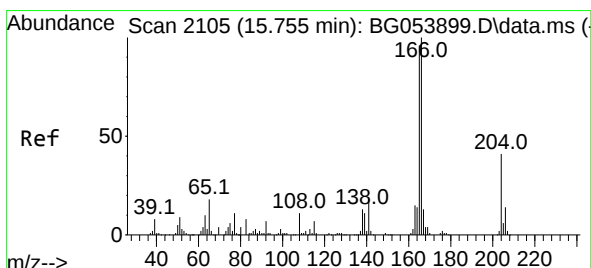
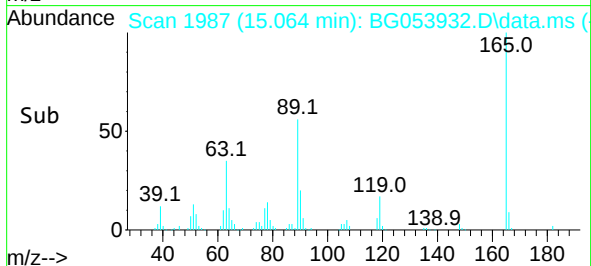
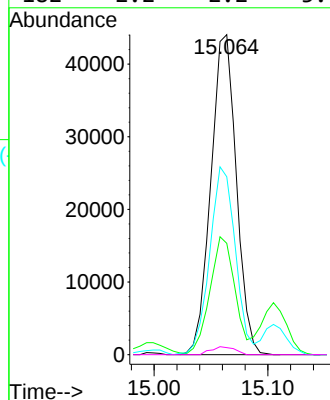
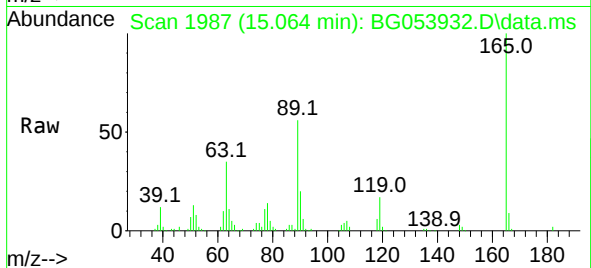
PB145578BS

Tgt Ion:165 Resp: 68658
Ion Ratio Lower Upper
165 100
63 34.8 34.6 52.0
89 55.6 60.3 90.5
182 2.2 2.2 3.4#

Manual Integrations

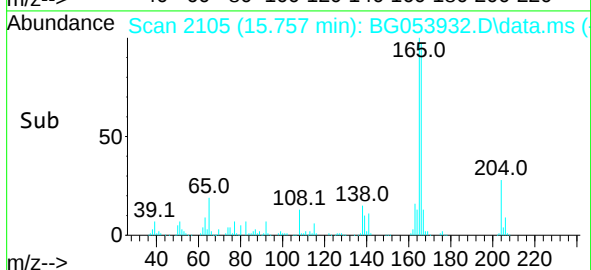
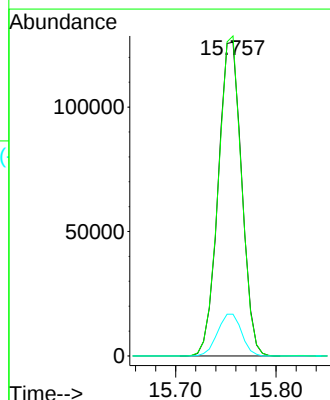
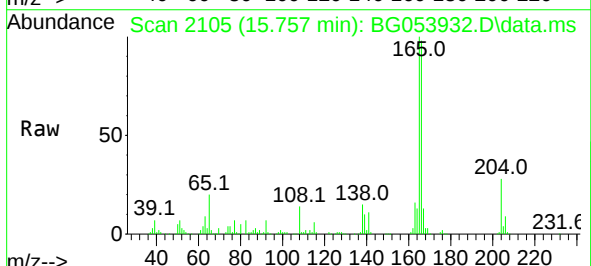
APPROVED

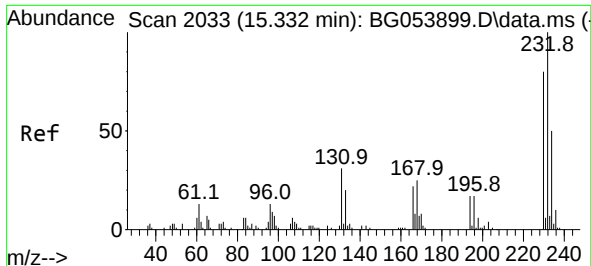
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#58
Fluorene
Concen: 40.014 ng
RT: 15.757 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:166 Resp: 205144
Ion Ratio Lower Upper
166 100
165 102.0 75.0 112.6
167 13.3 10.8 16.2





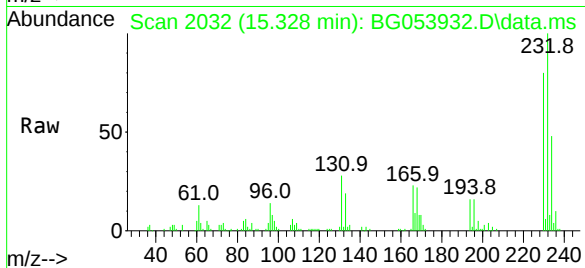
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.738 ng
RT: 15.328 min Scan# 2032
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

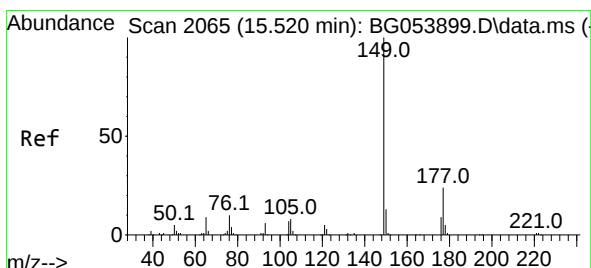
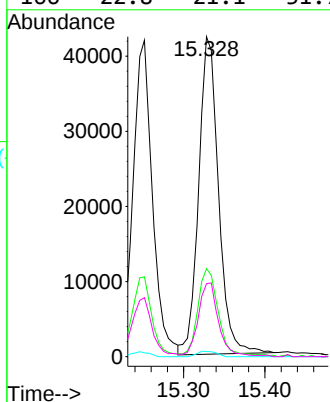
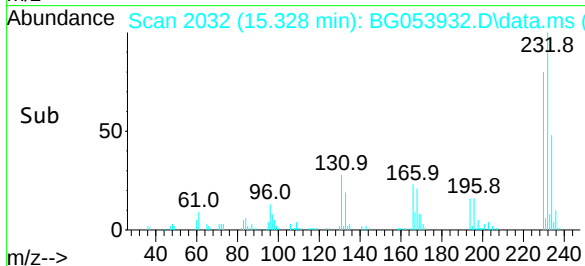


Tgt Ion:232 Resp: 71699
Ion Ratio Lower Upper
232 100
131 28.9 30.6 46.0
130 1.7 1.8 2.8
166 22.8 21.1 31.7

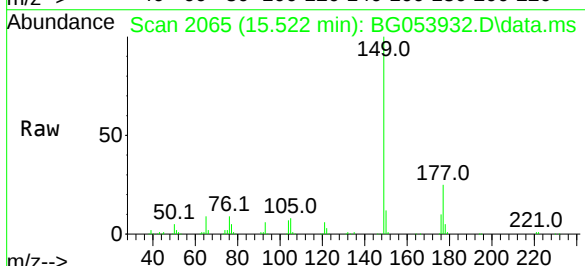
Manual Integrations

APPROVED

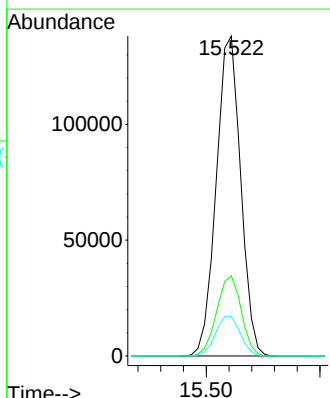
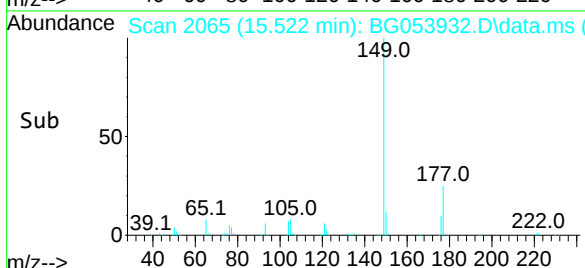
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

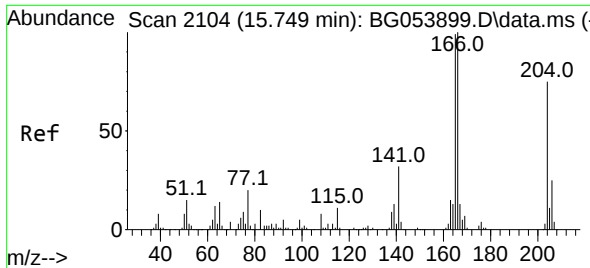


#60
Diethylphthalate
Concen: 40.270 ng
RT: 15.522 min Scan# 2065
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:149 Resp: 206003
Ion Ratio Lower Upper
149 100
177 25.1 18.4 27.6
150 12.4 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 42.153 ng
RT: 15.745 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

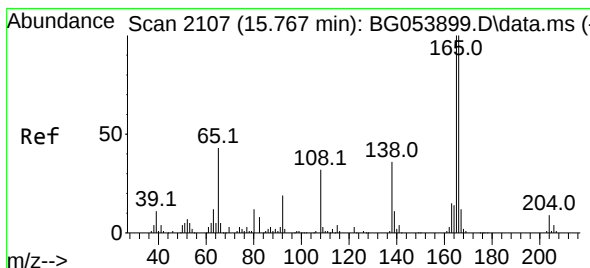
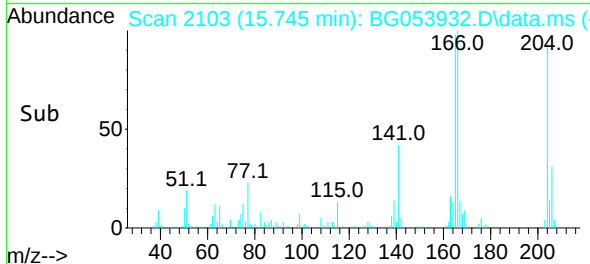
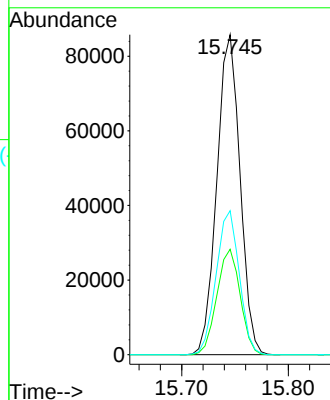
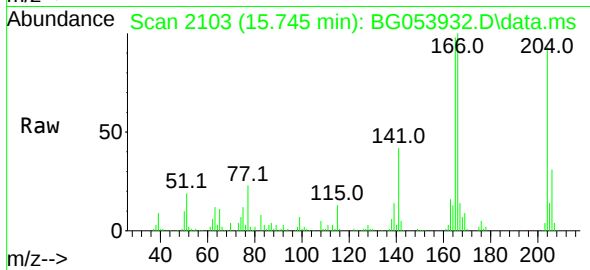
PB145578BS

Tgt Ion:204 Resp: 129380
Ion Ratio Lower Upper
204 100
206 33.0 27.5 41.3
141 45.0 45.3 67.9

Manual Integrations

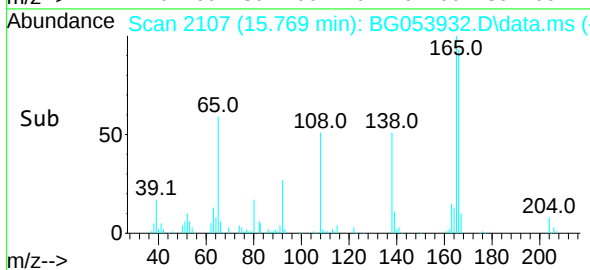
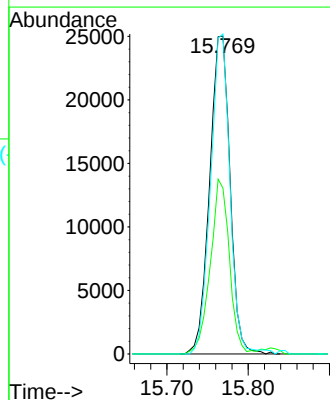
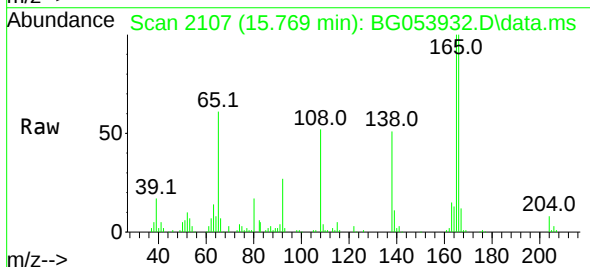
APPROVED

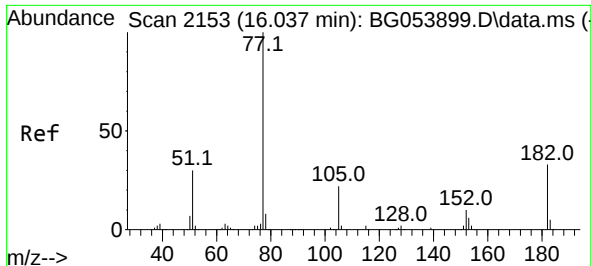
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#62
4-Nitroaniline
Concen: 40.417 ng
RT: 15.769 min Scan# 2107
Delta R.T. 0.007 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:138 Resp: 43581
Ion Ratio Lower Upper
138 100
92 52.2 40.5 80.5
108 100.6 103.7 143.7#





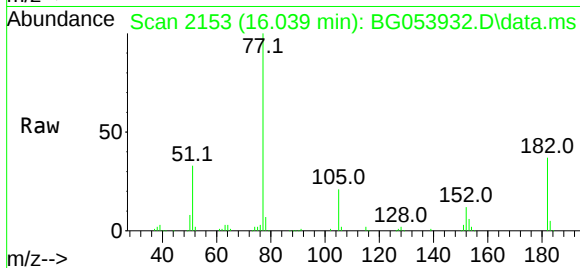
#63
Azobenzene
Concen: 39.289 ng
RT: 16.039 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

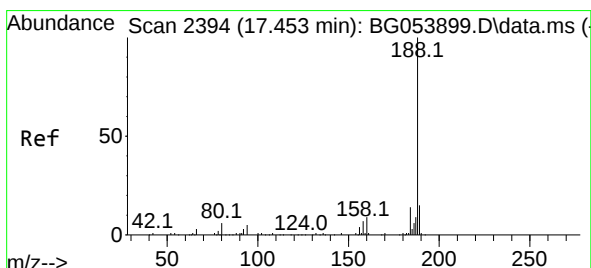
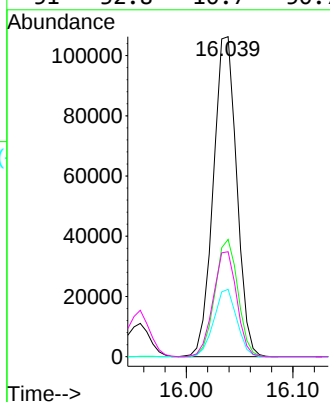
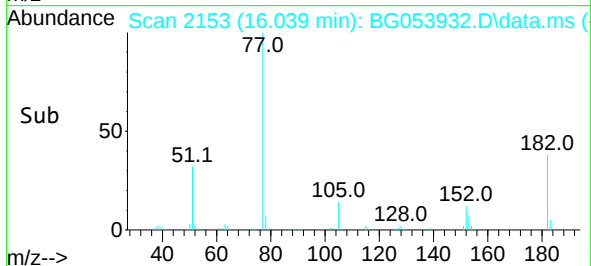


Tgt Ion: 77 Resp: 16178
Ion Ratio Lower Upper
77 100
182 36.7 3.8 43.8
105 21.1 0.0 37.8
51 32.8 10.7 50.7

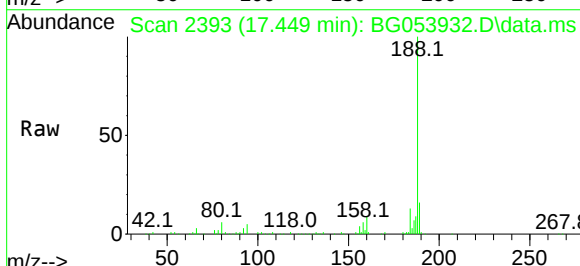
Manual Integrations

APPROVED

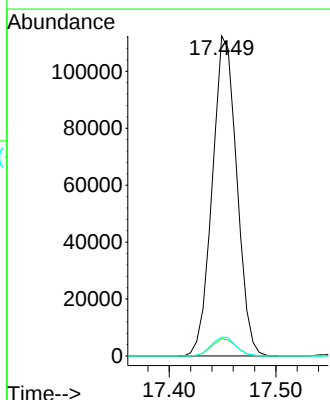
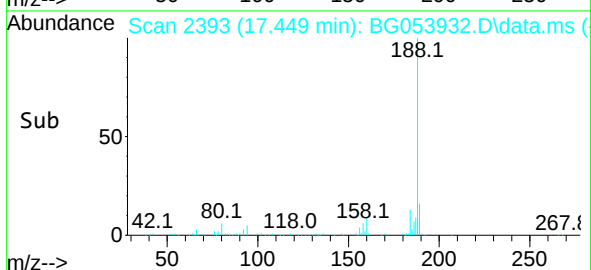
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

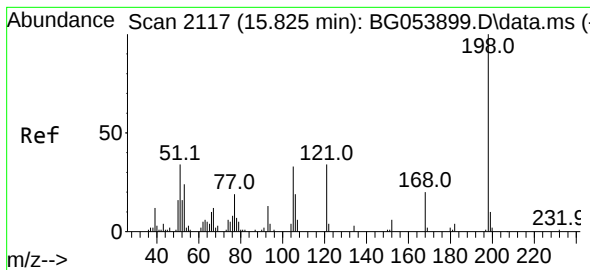


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



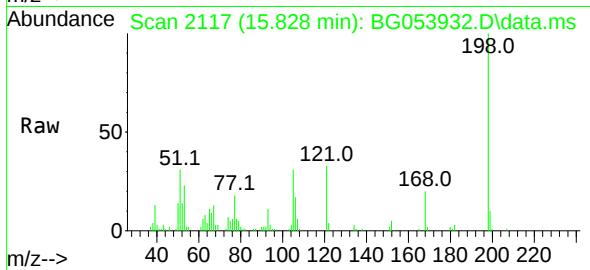
Tgt Ion:188 Resp: 179196
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 5.9 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 46.357 ng
RT: 15.828 min Scan# 2117
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

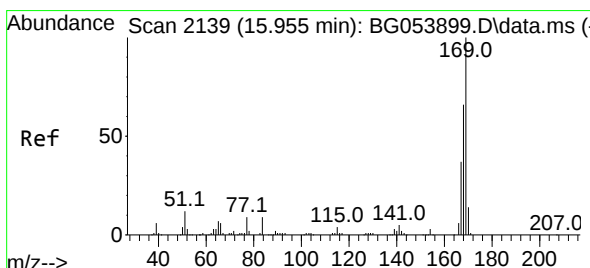
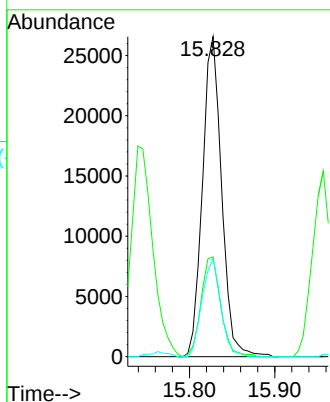
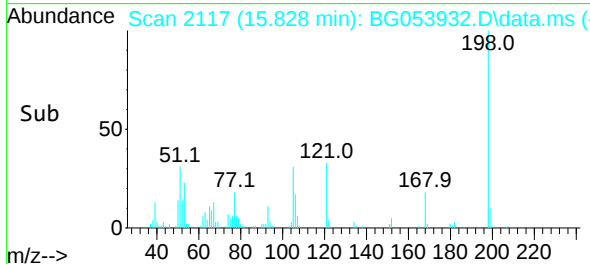
Instrument :
BNA_G
ClientSampleId :
PB145578BS



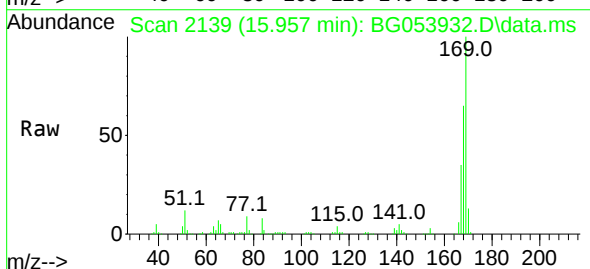
Tgt Ion:198 Resp: 4144
Ion Ratio Lower Upper
198 100
51 31.2 28.1 68.1
105 30.6 20.3 60.3

Manual Integrations
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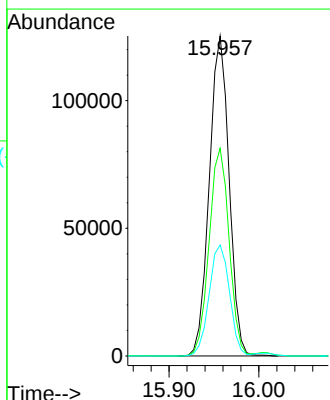
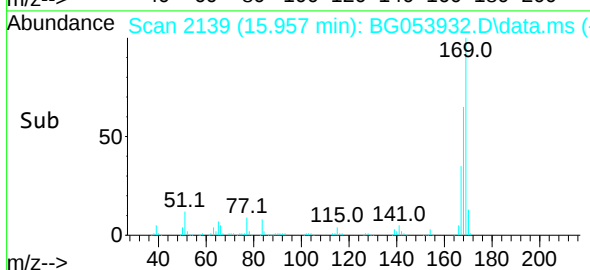
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

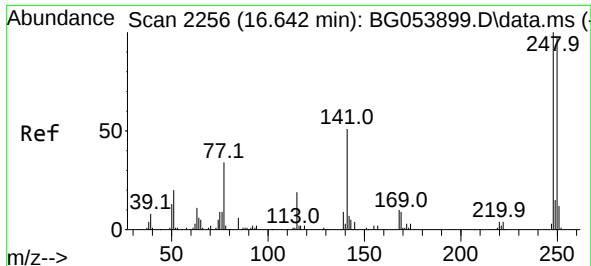


#66
n-Nitrosodiphenylamine
Concen: 41.032 ng
RT: 15.957 min Scan# 2139
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



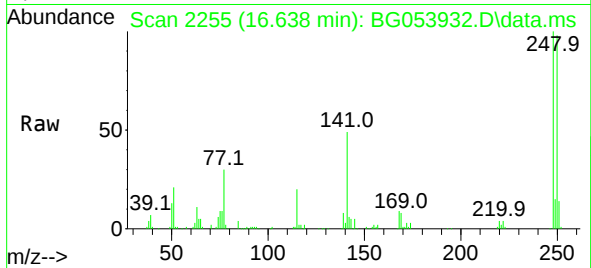
Tgt Ion:169 Resp: 191626
Ion Ratio Lower Upper
169 100
168 64.9 55.9 83.9
167 34.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 43.323 ng
RT: 16.638 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

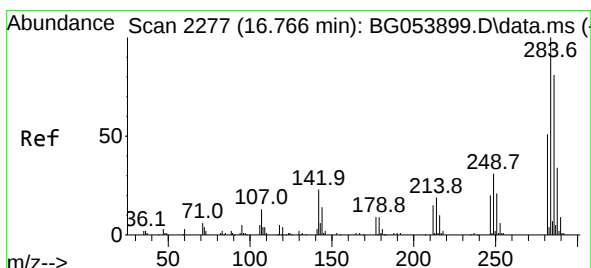
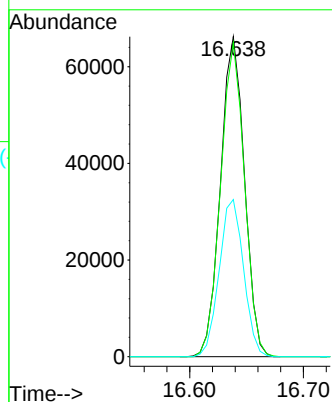
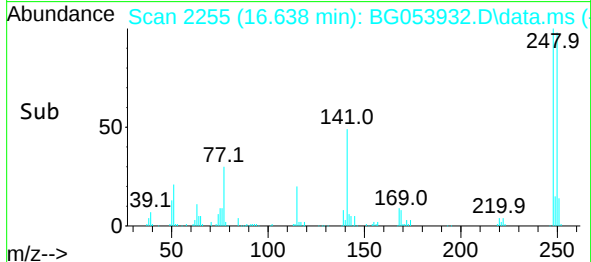
Instrument :
BNA_G
ClientSampleId :
PB145578BS



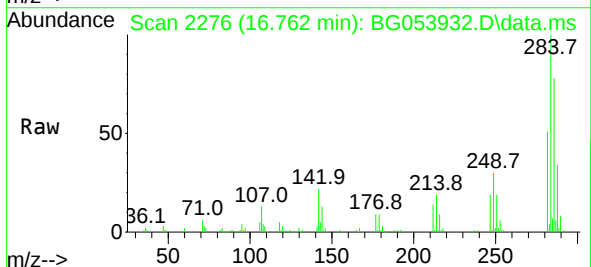
Tgt Ion:248 Resp: 96960
Ion Ratio Lower Upper
248 100
250 98.1 75.2 112.8
141 49.1 50.0 75.0

Manual Integrations
APPROVED

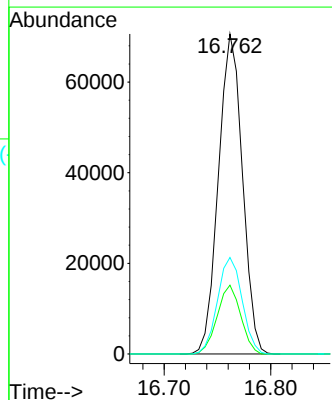
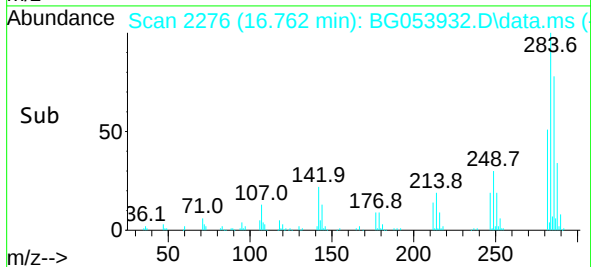
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

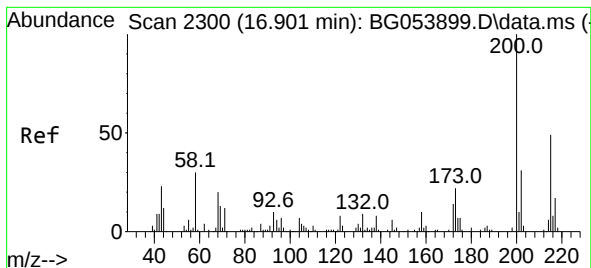


#68
Hexachlorobenzene
Concen: 43.053 ng
RT: 16.762 min Scan# 2276
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:284 Resp: 110220
Ion Ratio Lower Upper
284 100
142 21.5 23.6 35.4#
249 30.1 25.8 38.6





#69

Atrazine

Concen: 46.002 ng

RT: 16.903 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

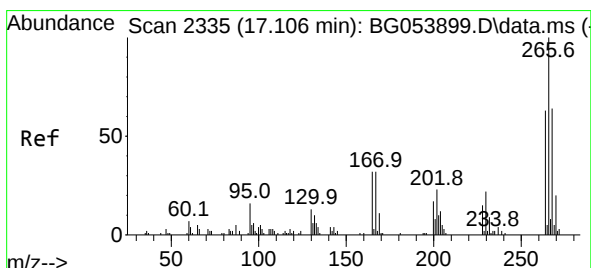
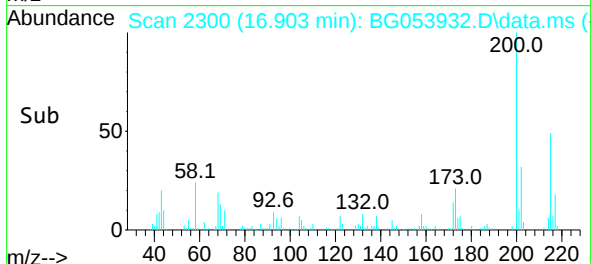
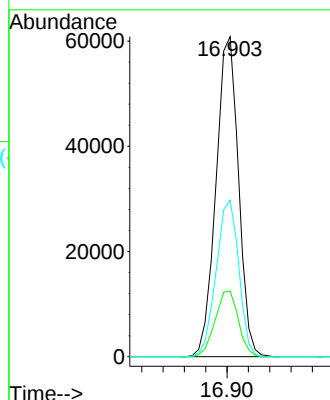
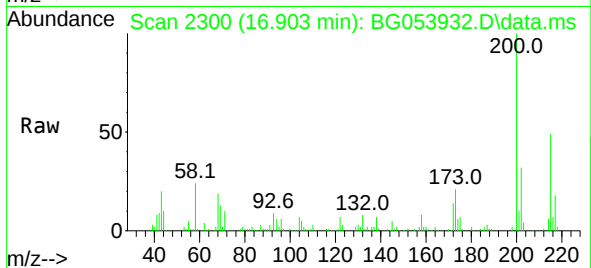
PB145578BS

Tgt Ion:200 Resp: 88998
 Ion Ratio Lower Upper
 200 100
 173 20.6 3.7 43.7
 215 48.9 25.2 65.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/20/2022
 Supervised By :Jagrut Upadhyay 06/20/2022



#70

Pentachlorophenol

Concen: 121.411 ng

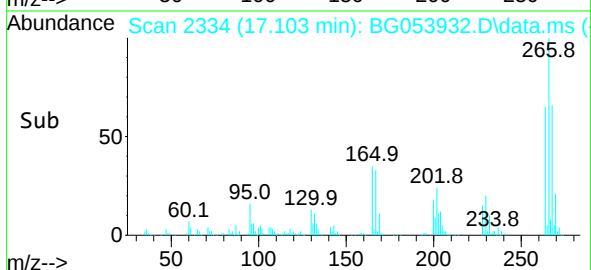
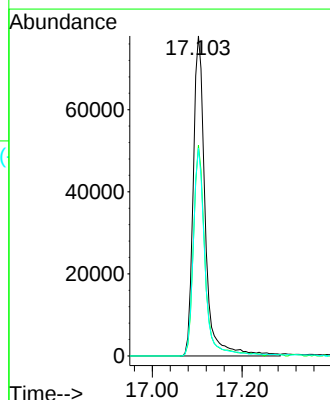
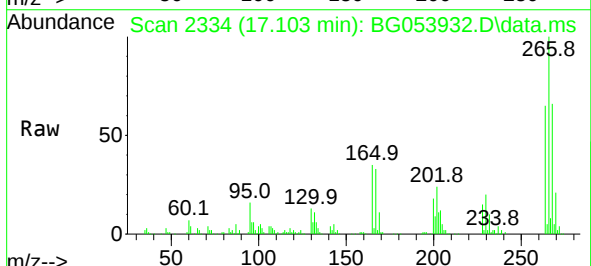
RT: 17.103 min Scan# 2334

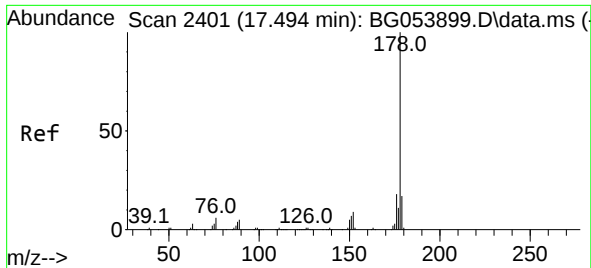
Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

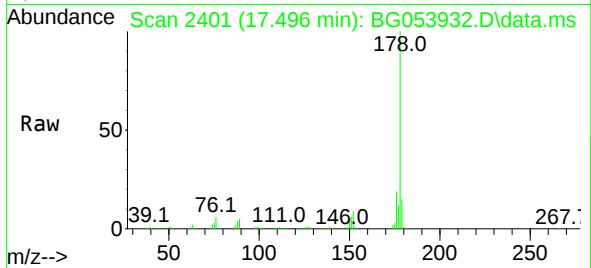
Tgt Ion:266 Resp: 144384
 Ion Ratio Lower Upper
 266 100
 268 65.9 56.2 84.2
 264 64.9 53.0 79.4





#71
Phenanthrene
Concen: 40.200 ng
RT: 17.496 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

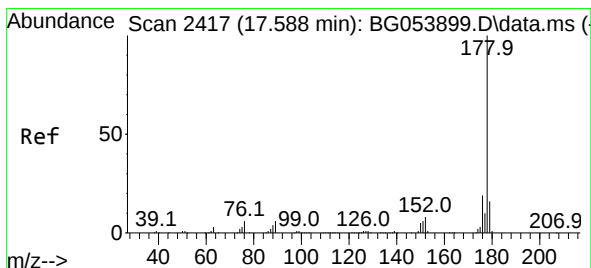
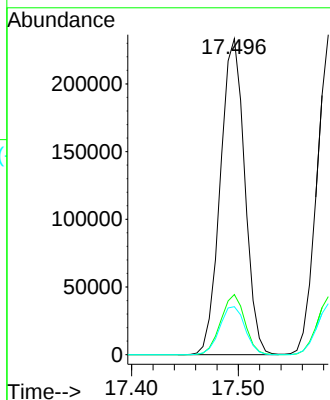
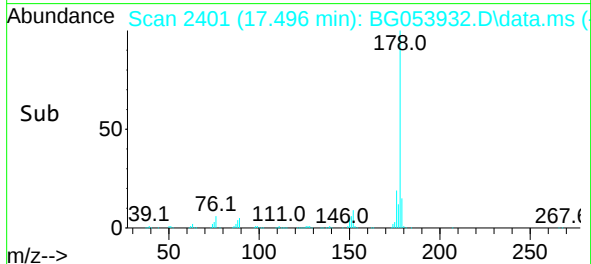
Instrument :
BNA_G
ClientSampleId :
PB145578BS



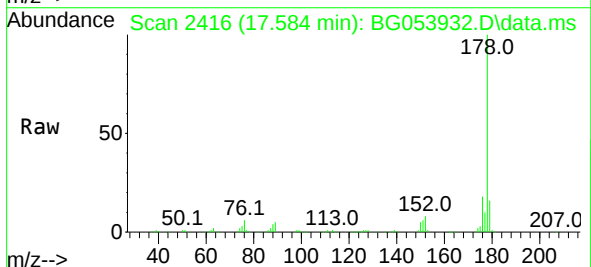
Tgt Ion:178 Resp: 370104
Ion Ratio Lower Upper
178 100
176 19.1 14.1 21.1
179 15.2 12.1 18.1

Manual Integrations
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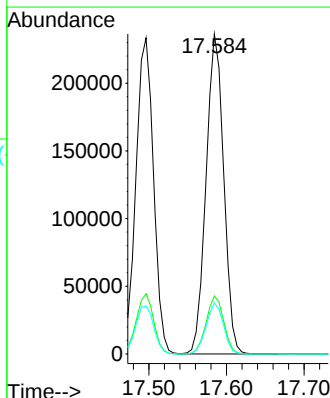
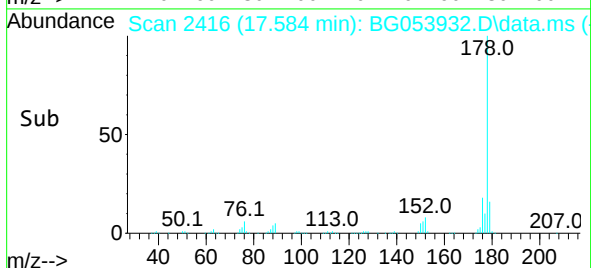
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

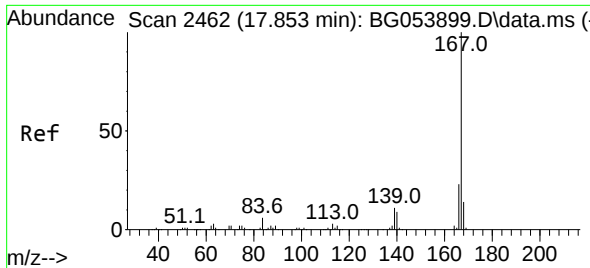


#72
Anthracene
Concen: 41.543 ng
RT: 17.584 min Scan# 2416
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:178 Resp: 373489
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.9 13.0 19.4





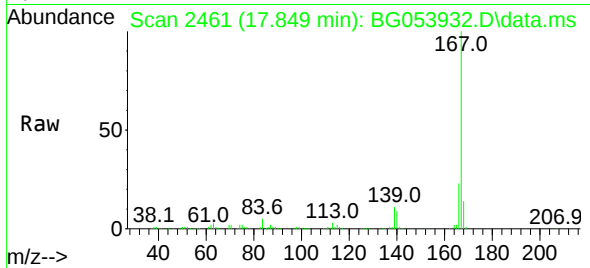
#73
Carbazole
Concen: 42.669 ng
RT: 17.849 min Scan# 2461
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

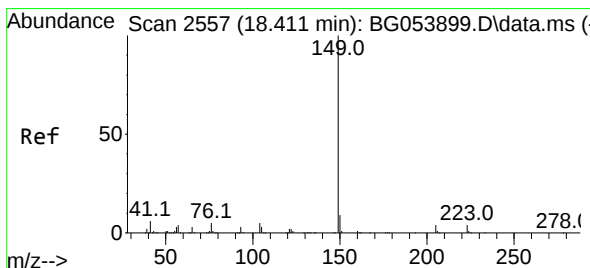
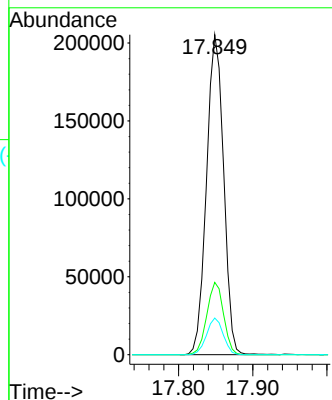
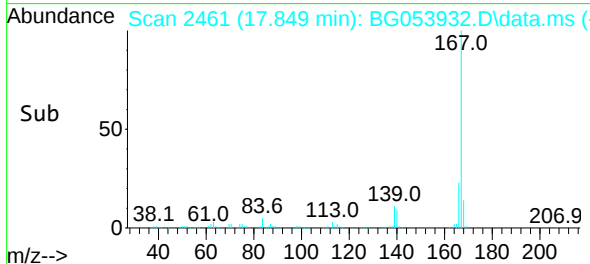


Tgt Ion:167 Resp: 32927
Ion Ratio Lower Upper
167 100
166 22.6 18.2 27.2
139 11.4 10.1 15.1

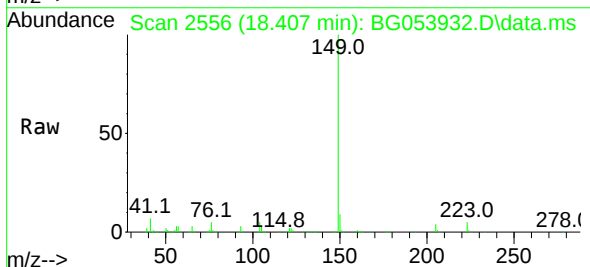
Manual Integrations

APPROVED

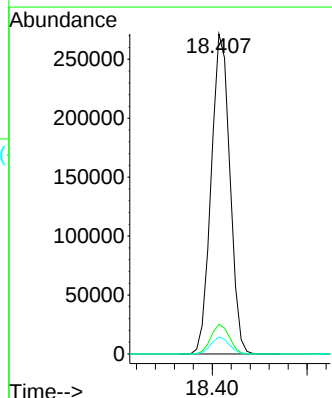
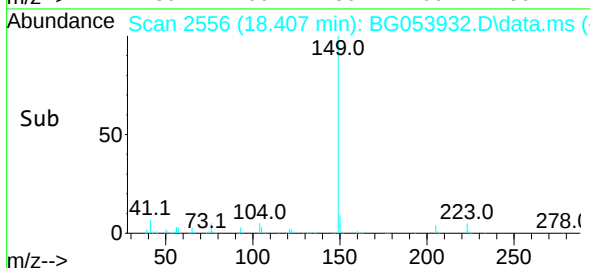
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

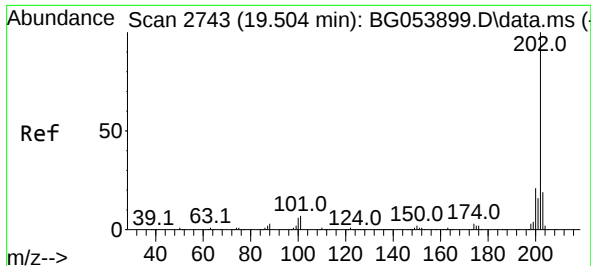


#74
Di-n-butylphthalate
Concen: 41.683 ng
RT: 18.407 min Scan# 2556
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:149 Resp: 371914
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.3 5.4 8.0#





#75
Fluoranthene
Concen: 42.573 ng
RT: 19.500 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

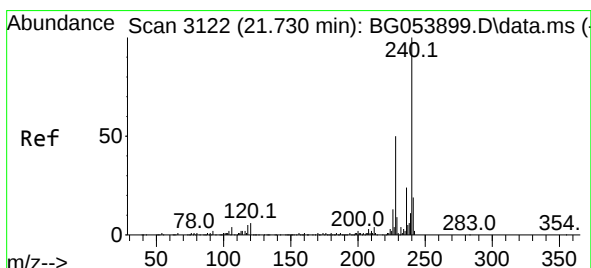
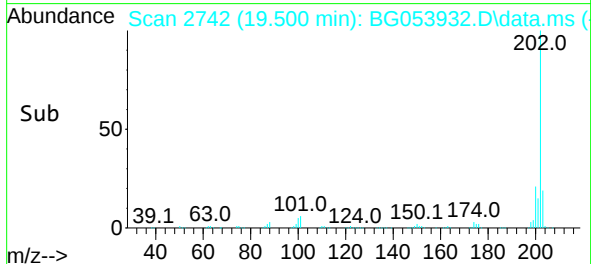
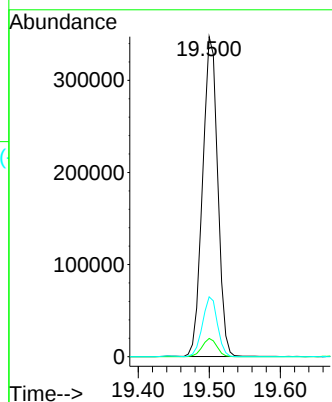
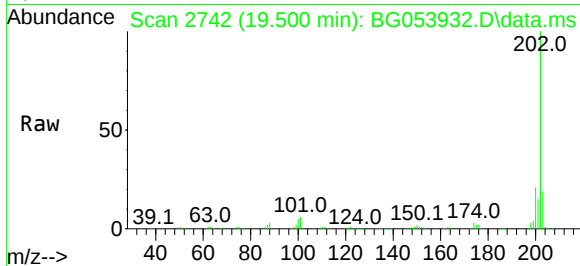
ClientSampleId :

PB145578BS

Tgt Ion:202 Resp: 51452
Ion Ratio Lower Upper
202 100
101 5.7 0.0 26.9
203 18.7 0.0 37.2

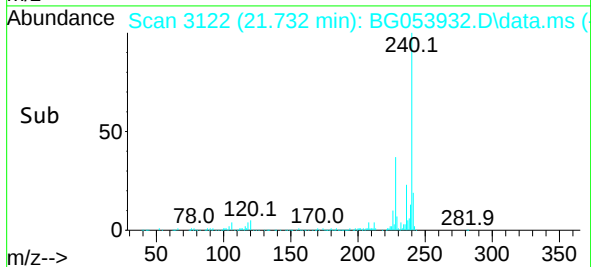
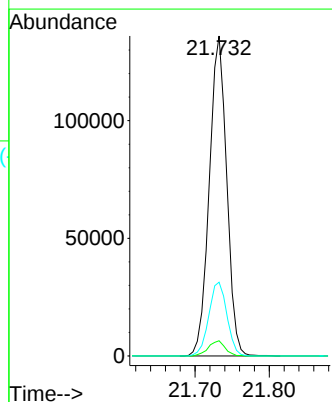
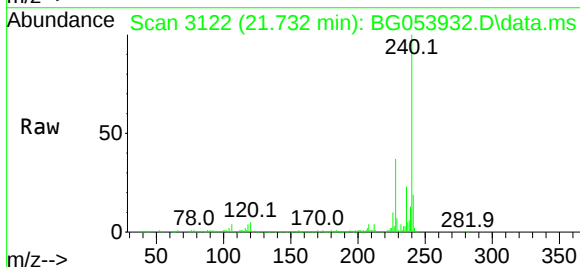
Manual Integrations
APPROVED

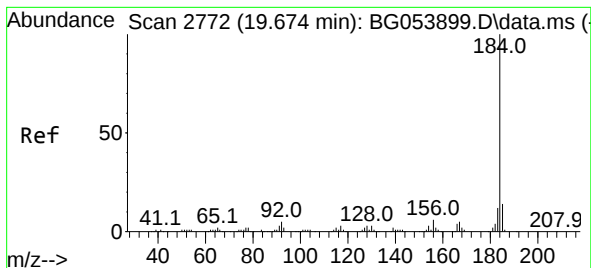
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

Tgt Ion:240 Resp: 221646
Ion Ratio Lower Upper
240 100
120 4.7 4.6 7.0
236 23.0 20.2 30.4





#77

Benzidine

Concen: 32.554 ng

RT: 19.676 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

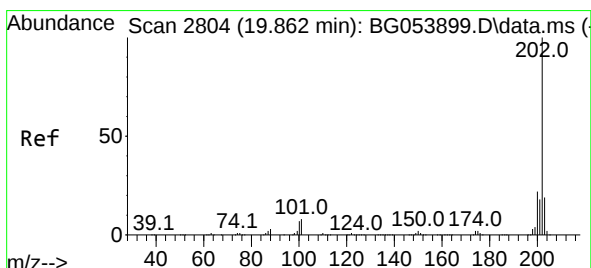
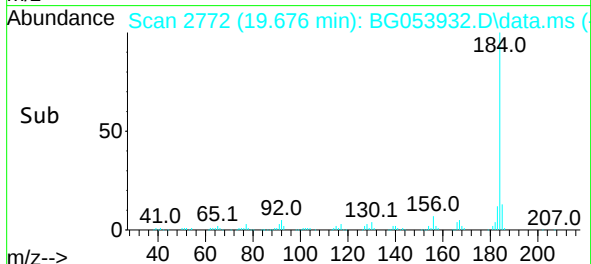
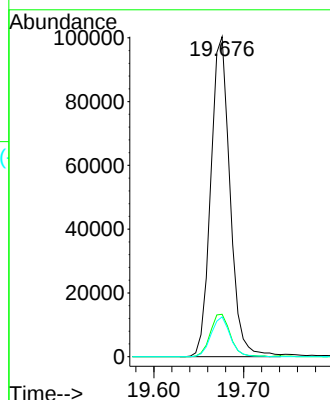
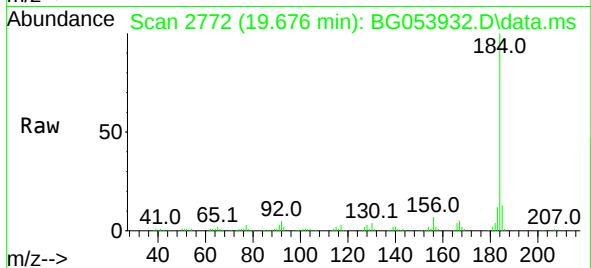
PB145578BS

Tgt Ion:	184	Resp:	14942
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.8	17.6
183	12.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#78

Pyrene

Concen: 38.734 ng

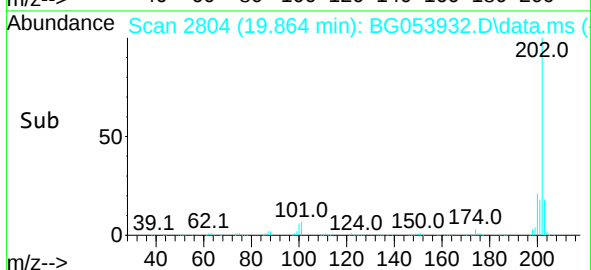
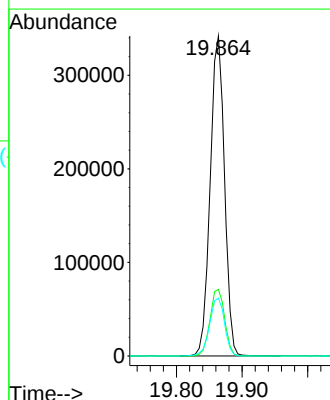
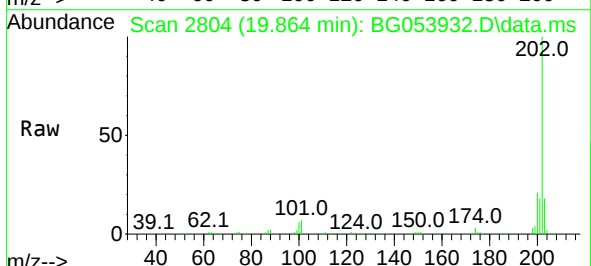
RT: 19.864 min Scan# 2804

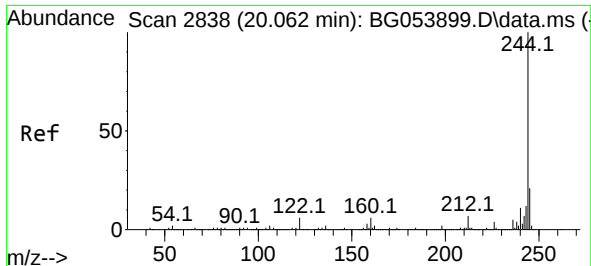
Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

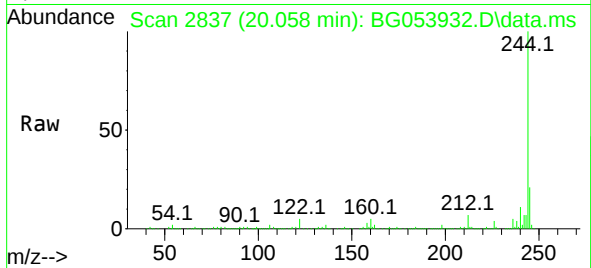
Tgt Ion:	202	Resp:	518524
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	18.1	14.6	21.8





#79
Terphenyl-d14
Concen: 82.001 ng
RT: 20.058 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

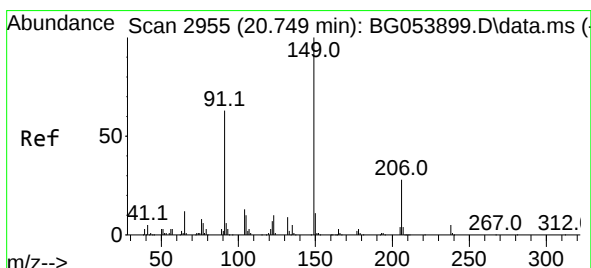
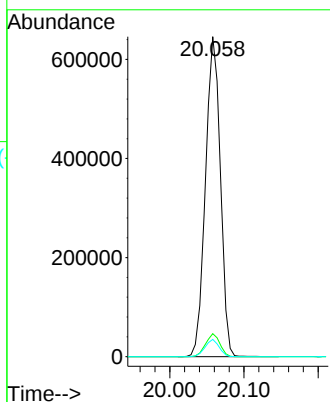
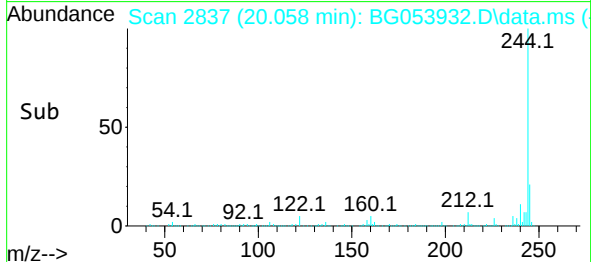
Instrument :
BNA_G
ClientSampleId :
PB145578BS



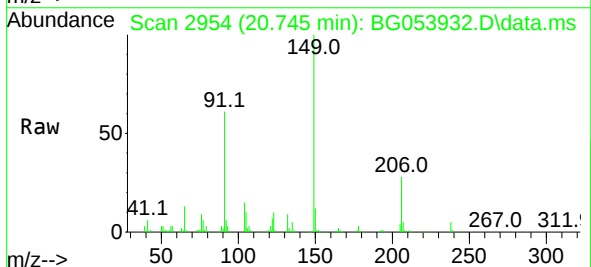
Tgt Ion:244 Resp: 902409
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.4 5.0 7.4

Manual Integrations
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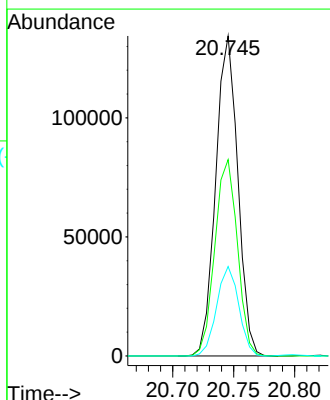
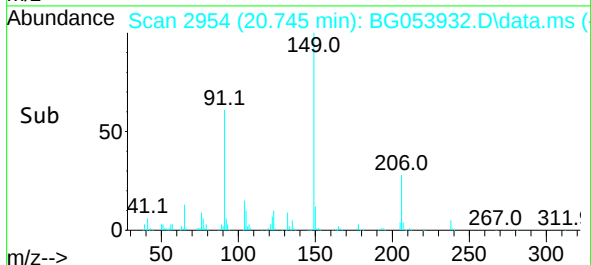
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

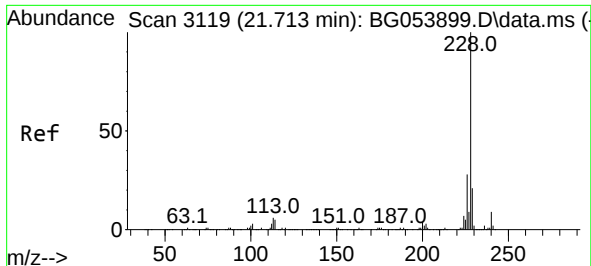


#80
Butylbenzylphthalate
Concen: 39.537 ng
RT: 20.745 min Scan# 2954
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



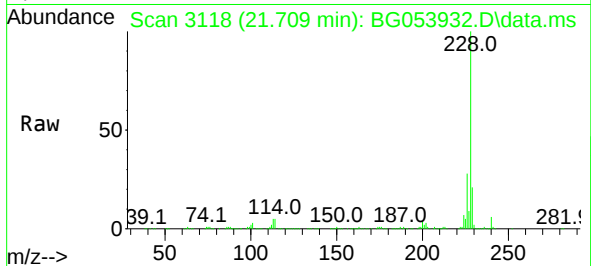
Tgt Ion:149 Resp: 169647
Ion Ratio Lower Upper
149 100
91 61.3 59.6 89.4
206 28.0 18.6 28.0





#81
Benzo(a)anthracene
Concen: 40.184 ng
RT: 21.709 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

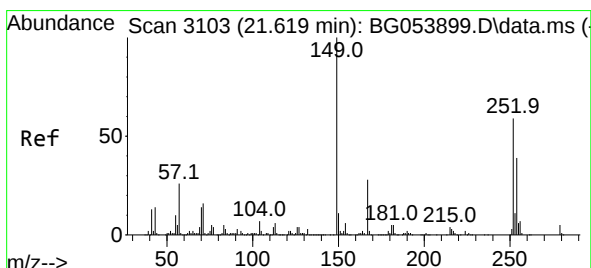
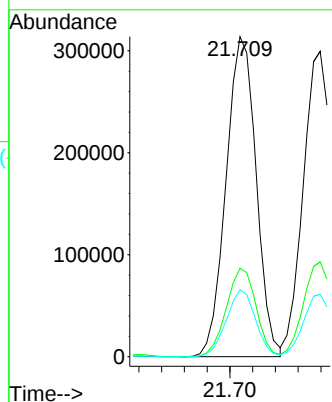
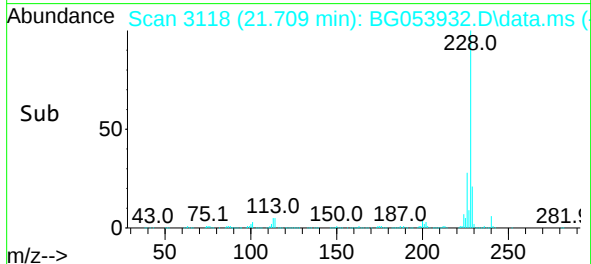
Instrument :
BNA_G
ClientSampleId :
PB145578BS



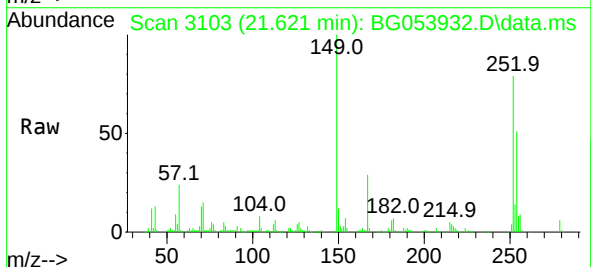
Tgt Ion:228 Resp: 57669
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.9 16.2 24.2

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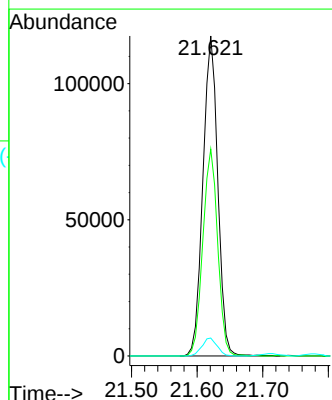
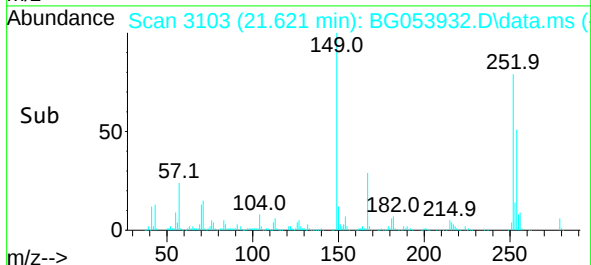
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

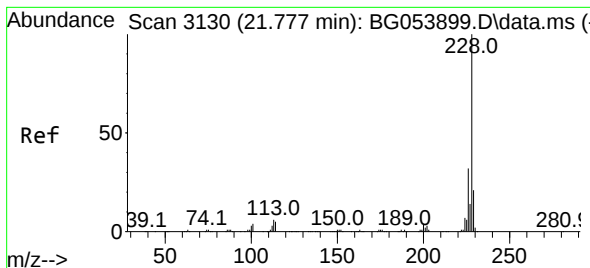


#82
3,3'-Dichlorobenzidine
Concen: 43.289 ng
RT: 21.621 min Scan# 3103
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:252 Resp: 185611
Ion Ratio Lower Upper
252 100
254 64.6 49.8 74.8
126 5.6 6.0 9.0#





#83

Chrysene

Concen: 38.649 ng

RT: 21.779 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053932.D

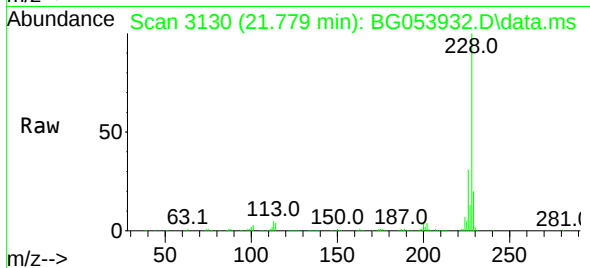
Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS



Tgt Ion:228 Resp: 528709

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

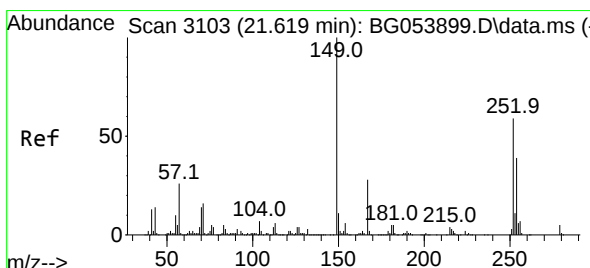
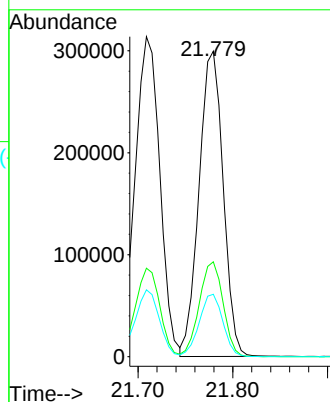
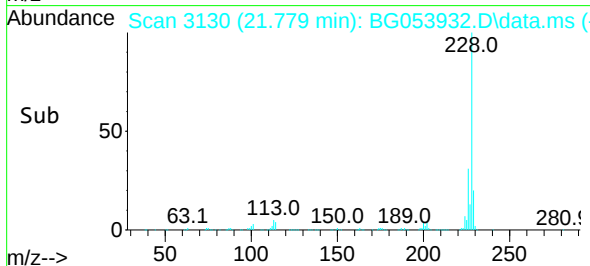
229 20.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/20/2022

Supervised By :Jagrut Upadhyay 06/20/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.039 ng

RT: 21.615 min Scan# 3102

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

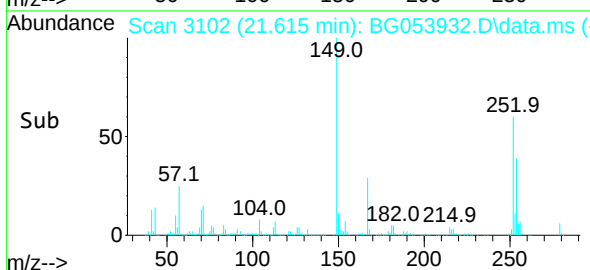
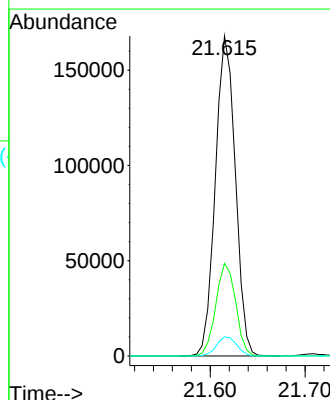
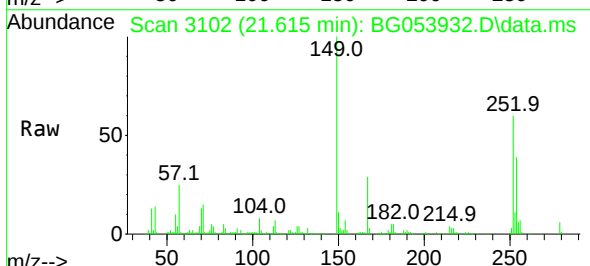
Tgt Ion:149 Resp: 245713

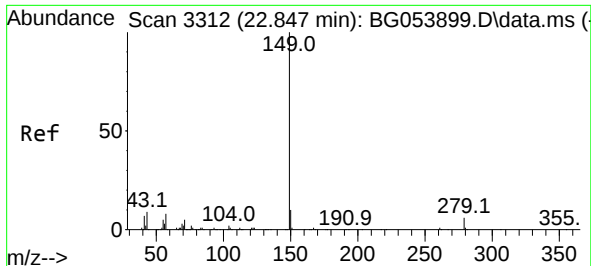
Ion Ratio Lower Upper

149 100

167 29.0 20.2 30.4

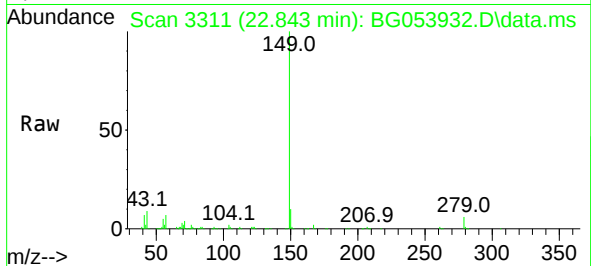
279 6.0 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 40.922 ng
RT: 22.843 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

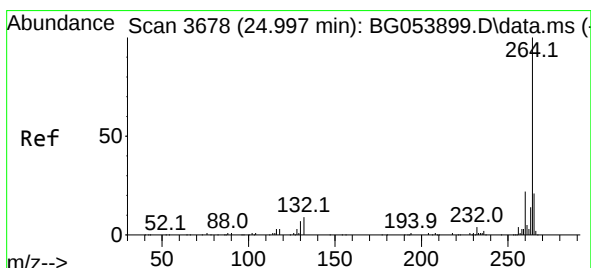
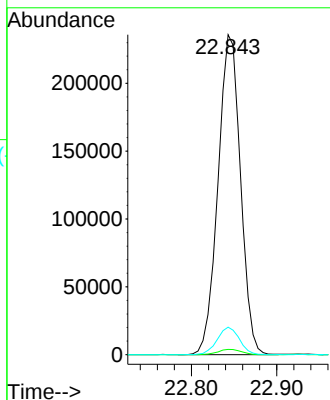
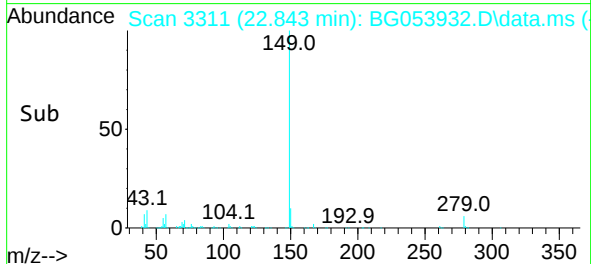
Instrument :
BNA_G
ClientSampleId :
PB145578BS



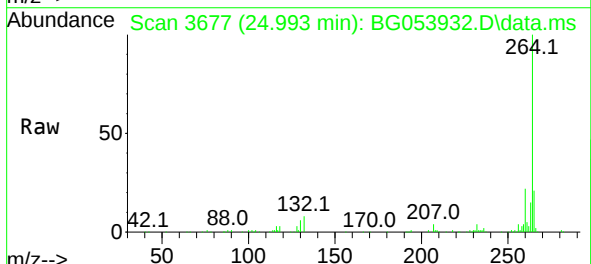
Tgt Ion:149 Resp: 43164
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 9.0 13.4

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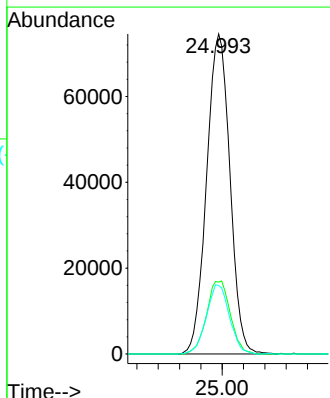
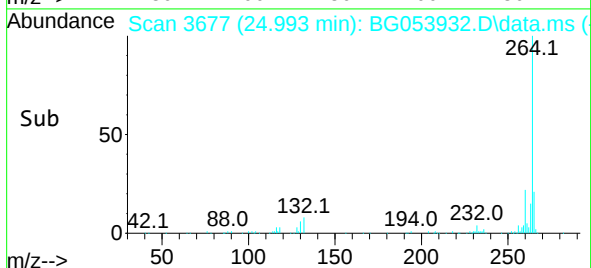
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

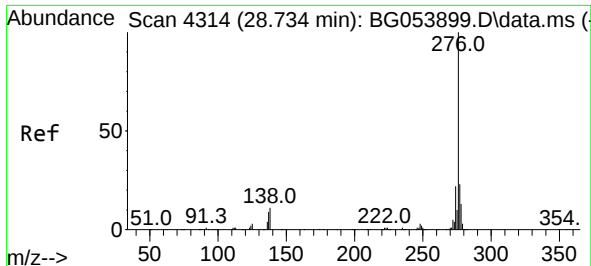


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 3677
Delta R.T. 0.007 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



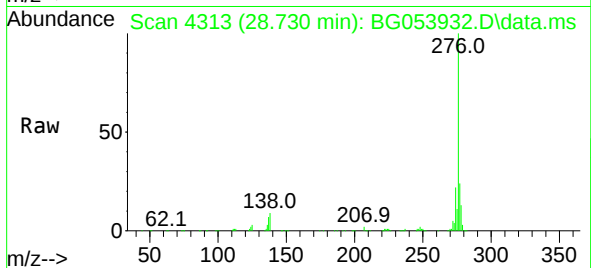
Tgt Ion:264 Resp: 226236
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.238 ng
RT: 28.730 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

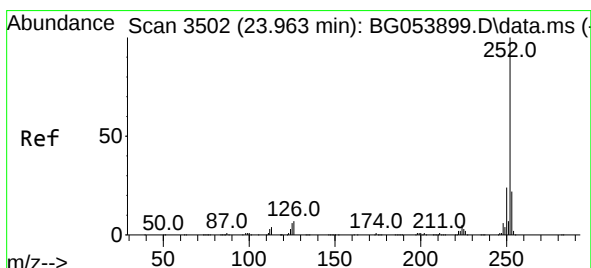
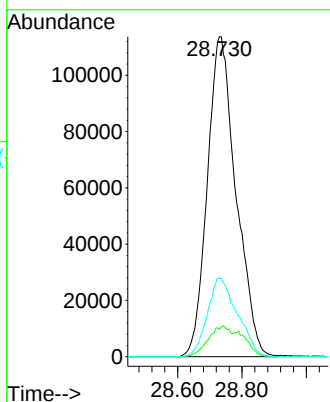
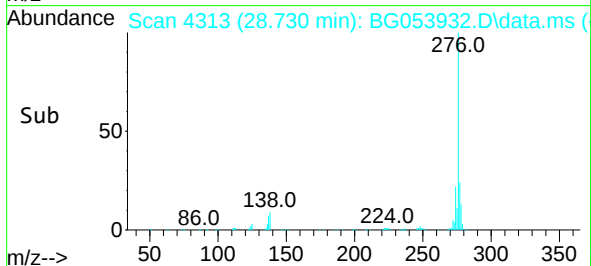
Instrument :
BNA_G
ClientSampleId :
PB145578BS



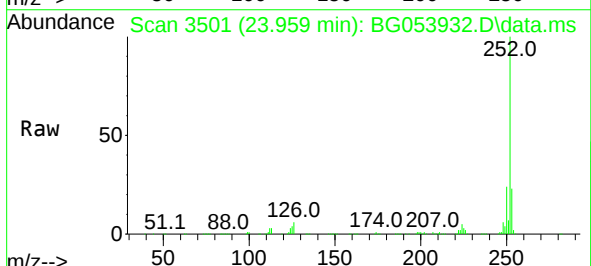
Tgt Ion:276 Resp: 704040
Ion Ratio Lower Upper
276 100
138 7.6 5.0 7.4
277 25.7 20.3 30.5

Manual Integrations
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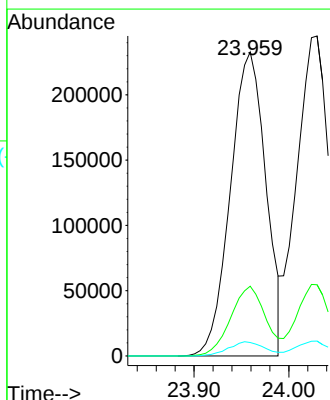
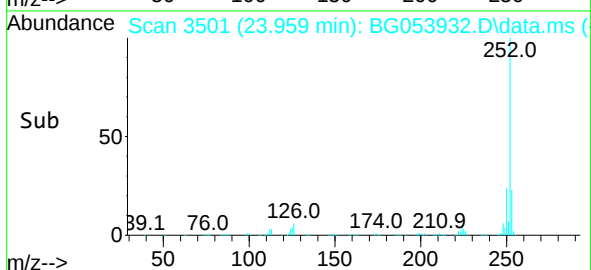
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

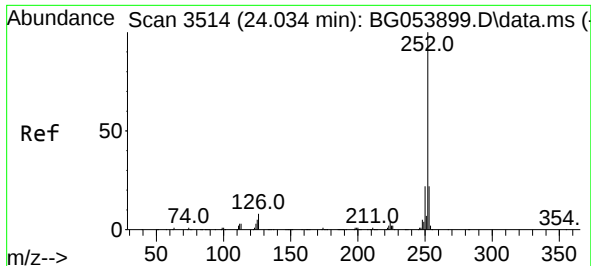


#88
Benzo(b)fluoranthene
Concen: 44.015 ng m
RT: 23.959 min Scan# 3501
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:252 Resp: 605460
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 4.4 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 44.216 ng

RT: 24.030 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

Instrument :

BNA_G

ClientSampleId :

PB145578BS

Tgt Ion:252 Resp: 602198

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

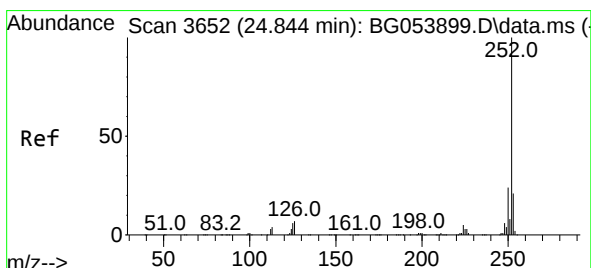
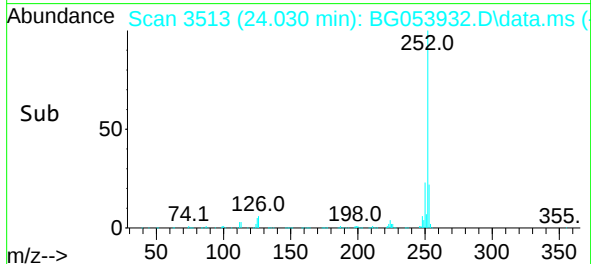
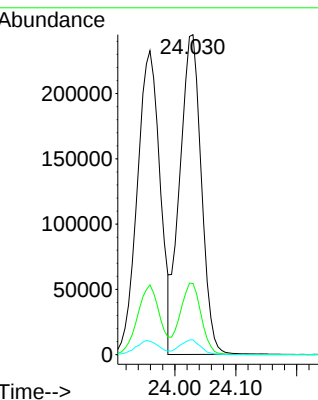
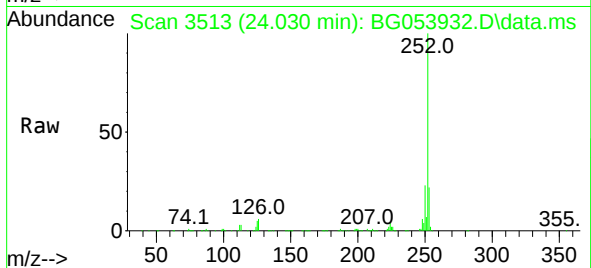
125 4.7 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/20/2022

Supervised By :Jagrut Upadhyay 06/20/2022



#90

Benzo(a)pyrene

Concen: 50.958 ng

RT: 24.841 min Scan# 3651

Delta R.T. 0.001 min

Lab File: BG053932.D

Acq: 17 Jun 2022 12:54

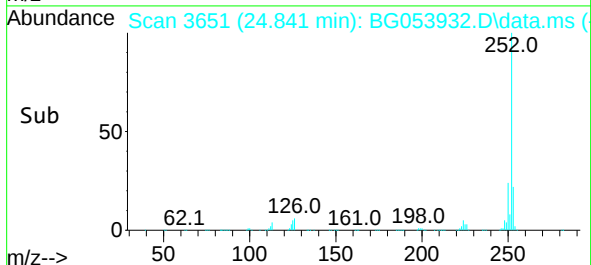
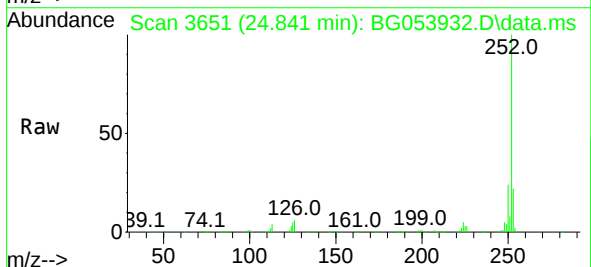
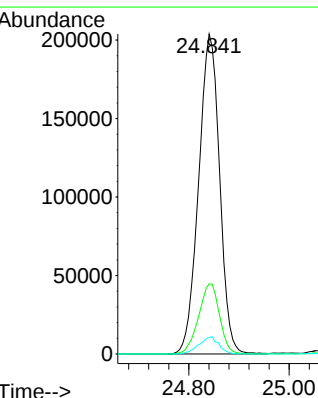
Tgt Ion:252 Resp: 591426

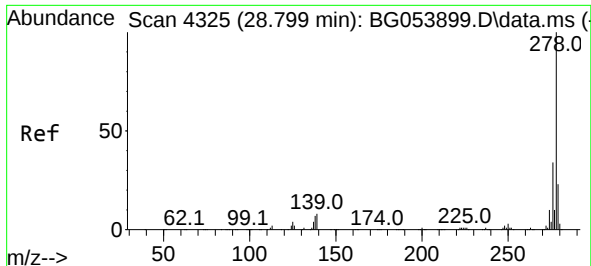
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

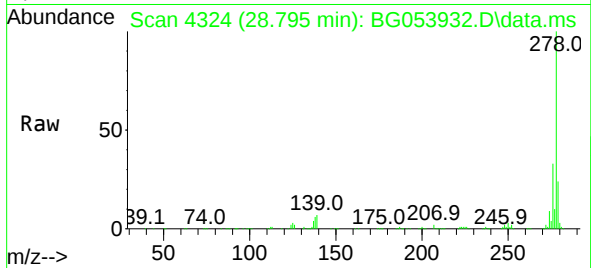
125 5.1 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 43.717 ng
RT: 28.795 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54

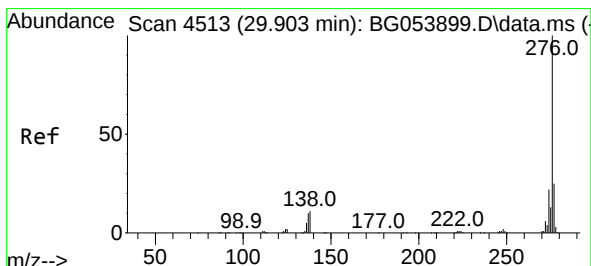
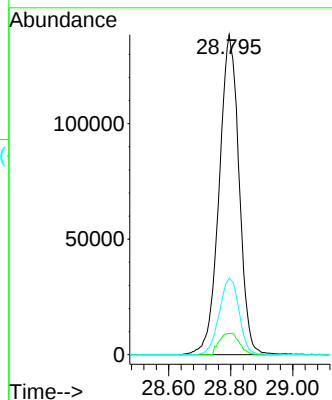
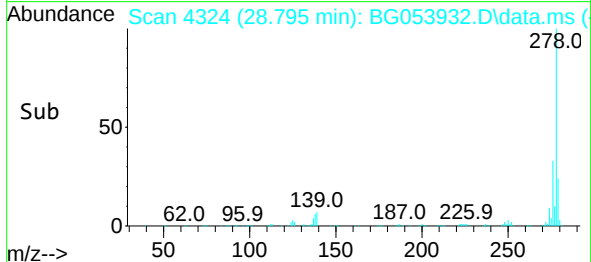
Instrument :
BNA_G
ClientSampleId :
PB145578BS



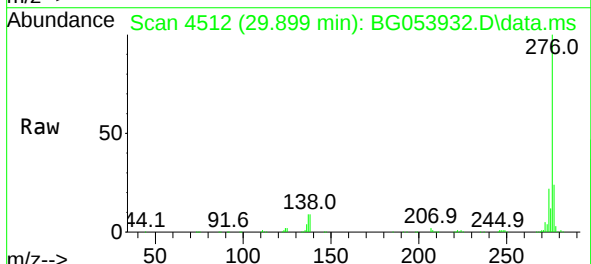
Tgt Ion:278 Resp: 61719
Ion Ratio Lower Upper
278 100
139 6.5 7.2 10.8
279 23.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#92
Benzo(g,h,i)perylene
Concen: 43.784 ng
RT: 29.899 min Scan# 4512
Delta R.T. 0.001 min
Lab File: BG053932.D
Acq: 17 Jun 2022 12:54



Tgt Ion:276 Resp: 610015
Ion Ratio Lower Upper
276 100
277 23.7 17.3 25.9
138 8.7 9.6 14.4

