

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057174.D
 Acq On : 25 Apr 2023 13:16
 Operator : CG/JU
 Sample : 02423-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 23:58:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	13873	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	57883	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	47674	20.000	ng	-0.01
64) Phenanthrene-d10	17.731	188	129118	20.000	ng	-0.01
76) Chrysene-d12	22.049	240	117452	20.000	ng	-0.01
86) Perylene-d12	25.561	264	122339	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.894	112	115056	150.293	ng	0.00
7) Phenol-d6	7.521	99	162385	146.604	ng	0.00
23) Nitrobenzene-d5	9.560	82	114370	97.681	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	86267	137.146	ng	-0.01
45) 2-Fluorobiphenyl	13.619	172	278289	78.449	ng	-0.01
79) Terphenyl-d14	20.304	244	584480	87.042	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.709	88	16500	48.099	ng	Qvalue
3) Pyridine	4.138	79	39204	37.666	ng	# 30
4) n-Nitrosodimethylamine	4.032	42	24661	65.683	ng	92
6) Aniline	7.692	93	47818	33.058	ng	91
8) 2-Chlorophenol	7.938	128	45772	57.075	ng	94
9) Benzaldehyde	7.504	77	30226	45.560	ng	96
10) Phenol	7.545	94	60334	54.858	ng	89
11) bis(2-Chloroethyl)ether	7.780	93	43946	50.919	ng	93
12) 1,3-Dichlorobenzene	8.267	146	46126m	48.552	ng	95
13) 1,4-Dichlorobenzene	8.414	146	47956	50.088	ng	95
14) 1,2-Dichlorobenzene	8.743	146	45507	49.228	ng	95
15) Benzyl Alcohol	8.614	79	53719	65.818	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.896	45	57626m	50.406	ng	
17) 2-Methylphenol	8.814	107	44082	54.773	ng	96
18) Hexachloroethane	9.477	117	15797	48.635	ng	96
19) n-Nitroso-di-n-propyla...	9.184	70	43821	63.606	ng	93
20) 3+4-Methylphenols	9.143	107	61363	55.713	ng	96
22) Acetophenone	9.207	105	78946	50.277	ng	# 93
24) Nitrobenzene	9.601	77	64137	54.558	ng	91
25) Isophorone	10.118	82	124857	55.595	ng	96
26) 2-Nitrophenol	10.317	139	24023	54.699	ng	91
27) 2,4-Dimethylphenol	10.359	122	48434	57.379	ng	95
28) bis(2-Chloroethoxy)met...	10.594	93	61279	52.051	ng	99
29) 2,4-Dichlorophenol	10.858	162	53037	56.403	ng	95
30) 1,2,4-Trichlorobenzene	11.075	180	51902	45.138	ng	95
31) Naphthalene	11.269	128	143434	46.654	ng	99
33) 4-Chloroaniline	11.369	127	20349	15.054	ng	100
34) Hexachlorobutadiene	11.545	225	35892	42.332	ng	95
35) Caprolactam	12.133	113	15187	58.327	ng	# 90
36) 4-Chloro-3-methylphenol	12.462	107	60594	59.901	ng	98
37) 2-Methylnaphthalene	12.843	142	110290	45.586	ng	95
38) 1-Methylnaphthalene	13.061	142	103825	46.482	ng	98
40) 1,2,4,5-Tetrachloroben...	13.208	216	73767	42.287	ng	# 99
41) Hexachlorocyclopentadiene	13.184	237	67176	89.445	ng	99
43) 2,4,6-Trichlorophenol	13.437	196	50229	53.186	ng	95
44) 2,4,5-Trichlorophenol	13.513	196	57962	50.837	ng	97

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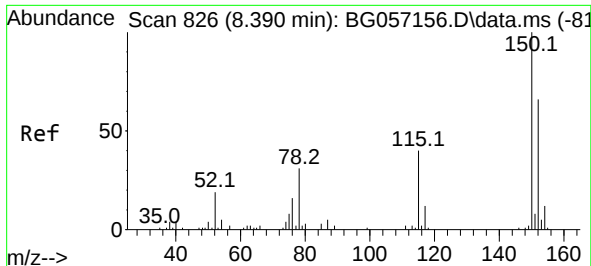
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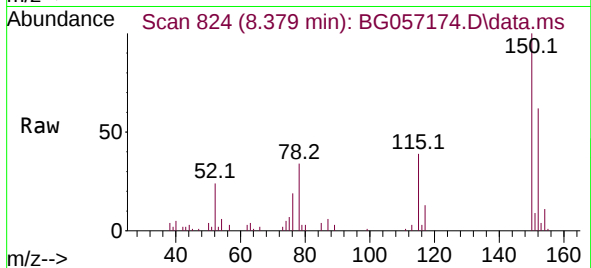
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.830	154	162104	45.618	ng	97
47) 2-Chloronaphthalene	13.883	162	123781	46.152	ng	100
48) 2-Nitroaniline	14.077	65	41722	60.880	ng	91
49) Acenaphthylene	14.723	152	202511	47.565	ng	99
50) Dimethylphthalate	14.430	163	181672	54.297	ng	100
51) 2,6-Dinitrotoluene	14.559	165	38774	55.518	ng	94
52) Acenaphthene	15.058	154	124559	44.778	ng	98
53) 3-Nitroaniline	14.894	138	25253	36.413	ng	97
54) 2,4-Dinitrophenol	15.099	184	3508	14.607	ng	94
55) Dibenzofuran	15.387	168	211213	46.861	ng	98
56) 4-Nitrophenol	15.187	139	50082	102.596	ng	81
57) 2,4-Dinitrotoluene	15.346	165	56133	59.019	ng	95
58) Fluorene	16.033	166	180474	49.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.610	232	53357	54.634	ng	98
60) Diethylphthalate	15.775	149	184504	57.207	ng	99
61) 4-Chlorophenyl-phenyle...	16.016	204	102229	46.938	ng	98
62) 4-Nitroaniline	16.051	138	39626	56.744	ng	# 83
63) Azobenzene	16.303	77	197606	57.596	ng	96
65) 4,6-Dinitro-2-methylph...	16.104	198	7529	14.971	ng	93
66) n-Nitrosodiphenylamine	16.227	169	160732	47.708	ng	97
67) 4-Bromophenyl-phenylether	16.909	248	69772	44.934	ng	95
68) Hexachlorobenzene	17.038	284	73753	46.308	ng	98
69) Atrazine	17.161	200	70968	65.951	ng	97
70) Pentachlorophenol	17.378	266	32646	43.617	ng	99
71) Phenanthrene	17.778	178	316489	48.014	ng	99
72) Anthracene	17.866	178	320616	48.105	ng	99
73) Carbazole	18.130	167	288752	51.325	ng	99
74) Di-n-butylphthalate	18.653	149	300566	57.434	ng	99
75) Fluoranthene	19.763	202	393724	48.078	ng	99
77) Benzidine	19.928	184	80777	45.641	ng	99
78) Pyrene	20.128	202	399823	50.139	ng	99
80) Butylbenzylphthalate	20.979	149	112887	53.923	ng	93
81) Benzo(a)anthracene	22.025	228	397353	49.205	ng	98
82) 3,3'-Dichlorobenzidine	21.919	252	92343	43.690	ng	97
83) Chrysene	22.096	228	365551	46.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.872	149	168578	50.991	ng	97
85) Di-n-octyl phthalate	23.176	149	286085	54.309	ng	99
87) Indeno(1,2,3-cd)pyrene	29.632	276	437808	49.959	ng	# 90
88) Benzo(b)fluoranthene	24.434	252	394578	51.452	ng	97
89) Benzo(k)fluoranthene	24.510	252	400570	50.497	ng	97
90) Benzo(a)pyrene	25.397	252	350179	46.360	ng	98
91) Dibenzo(a,h)anthracene	29.691	278	362260	49.786	ng	95
92) Benzo(g,h,i)perylene	30.901	276	350430	48.675	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

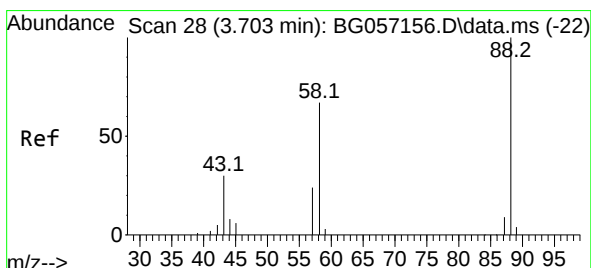
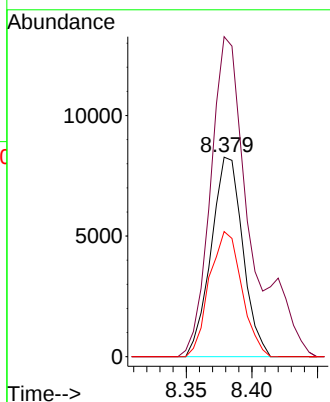
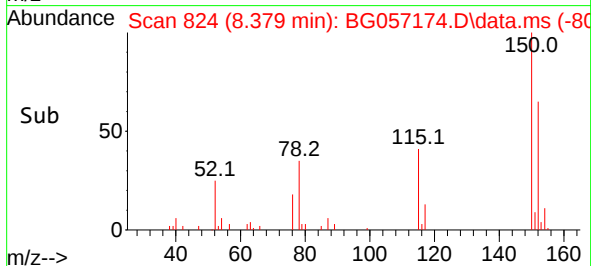
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:152 Resp: 1387
Ion Ratio Lower Upper
152 100
150 160.4 121.4 182.2
115 62.7 48.1 72.1

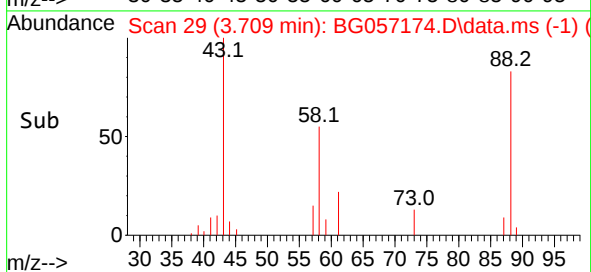
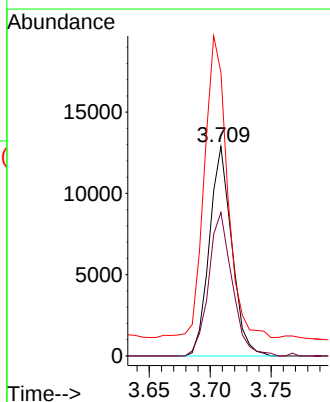
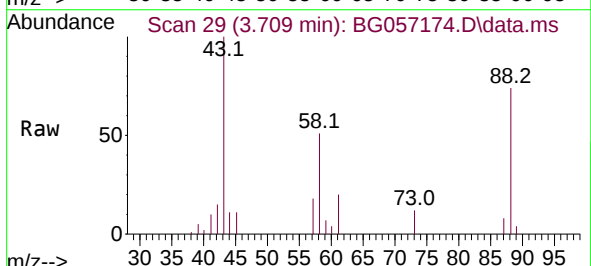
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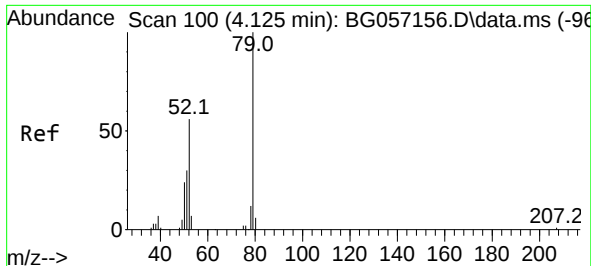
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 48.099 ng
RT: 3.709 min Scan# 29
Delta R.T. 0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

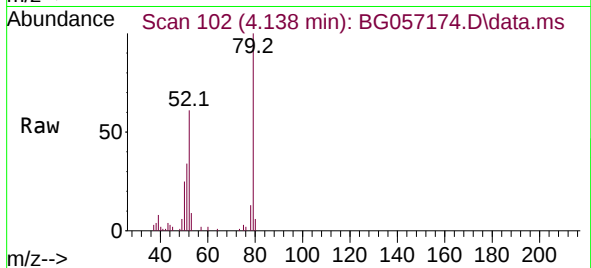
Tgt Ion: 88 Resp: 16500
Ion Ratio Lower Upper
88 100
58 71.9 54.2 81.4
43 147.1 23.0 34.6#





#3
Pyridine
Concen: 37.666 ng
RT: 4.138 min Scan# 100
Delta R.T. 0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

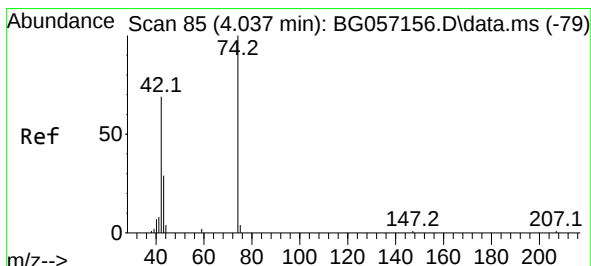
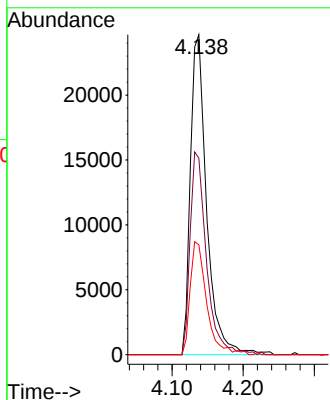
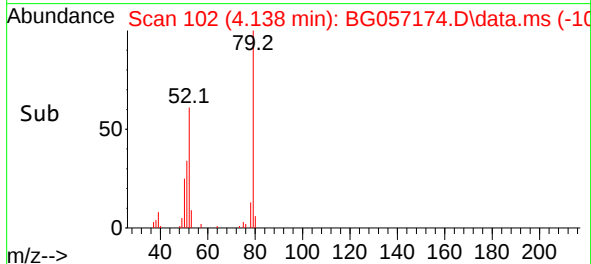
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion: 79 Resp: 39204
Ion Ratio Lower Upper
79 100
52 61.4 44.5 66.7
51 34.3 24.3 36.5

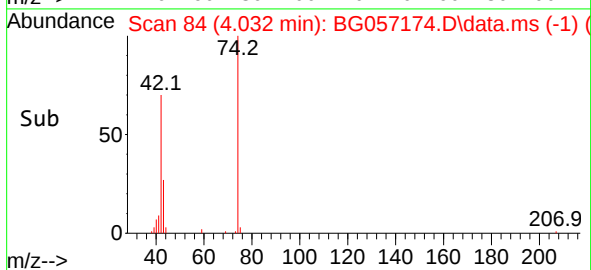
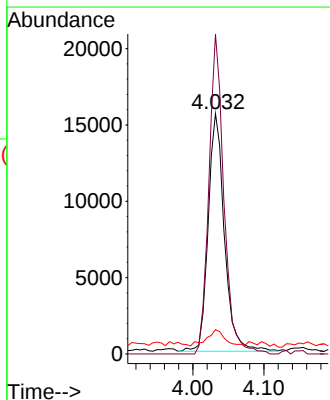
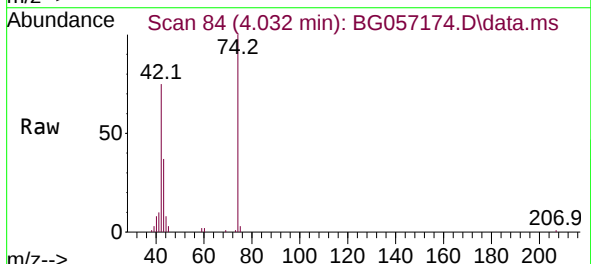
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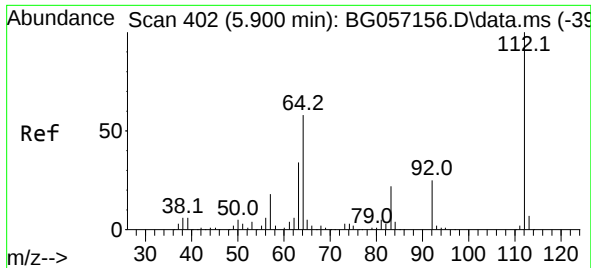
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#4
n-Nitrosodimethylamine
Concen: 65.683 ng
RT: 4.032 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 42 Resp: 24661
Ion Ratio Lower Upper
42 100
74 133.0 115.6 173.4
44 10.1 7.1 10.7





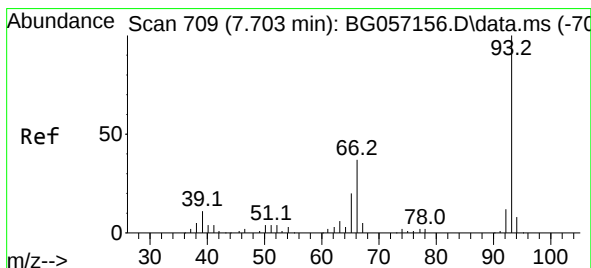
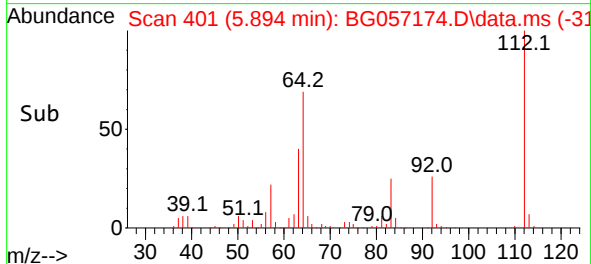
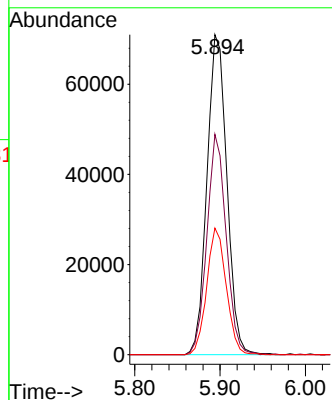
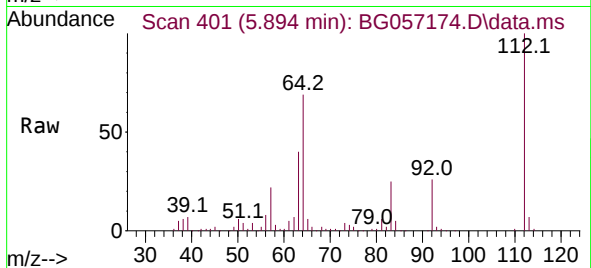
#5
2-Fluorophenol
Concen: 150.293 ng
RT: 5.894 min Scan# 402
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

Tgt Ion:112 Resp: 115050
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 39.6 26.9 40.3

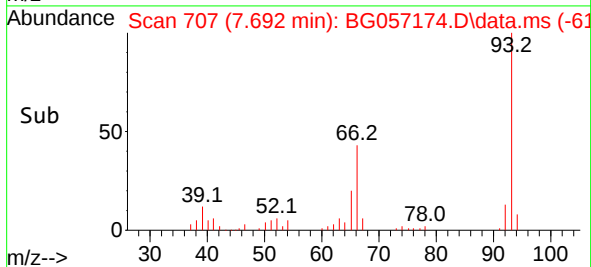
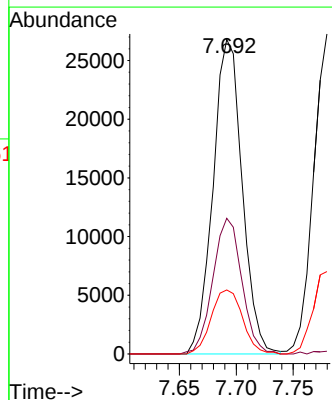
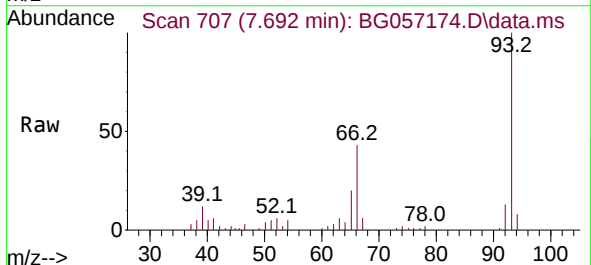
Manual Integrations
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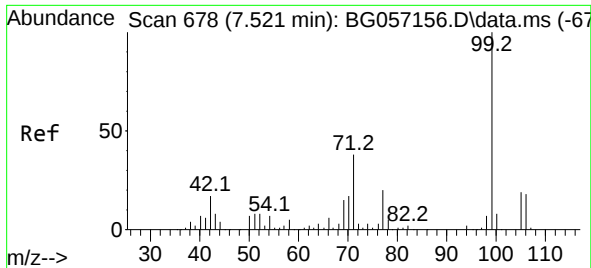
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#6
Aniline
Concen: 33.058 ng
RT: 7.692 min Scan# 707
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

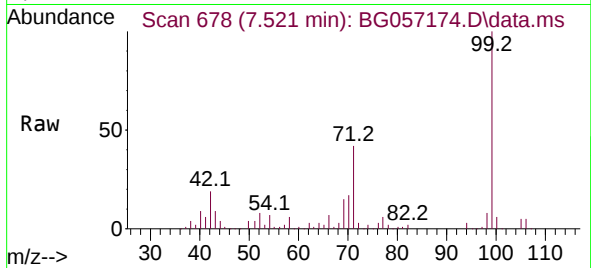
Tgt Ion: 93 Resp: 47818
Ion Ratio Lower Upper
93 100
66 43.1 29.8 44.8
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 146.604 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

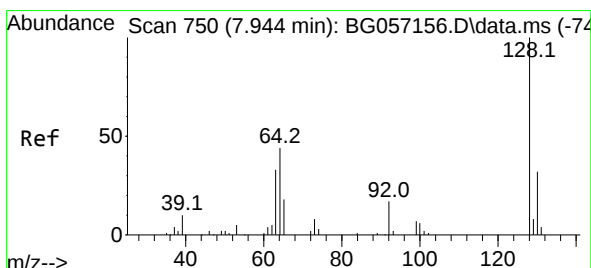
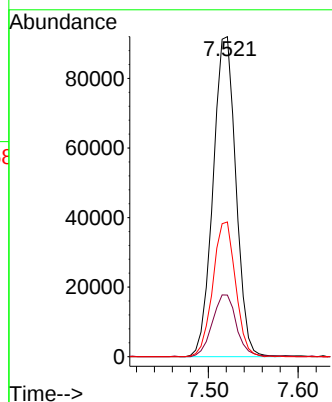
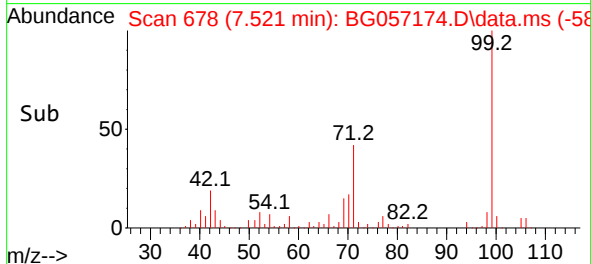
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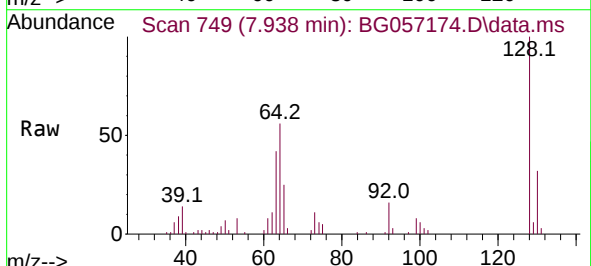
Tgt Ion: 99 Resp: 16238
Ion Ratio Lower Upper
99 100
42 19.2 13.4 20.0
71 42.1 30.2 45.2

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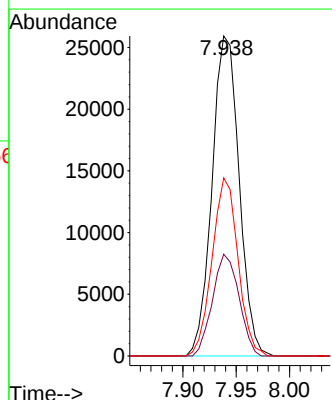
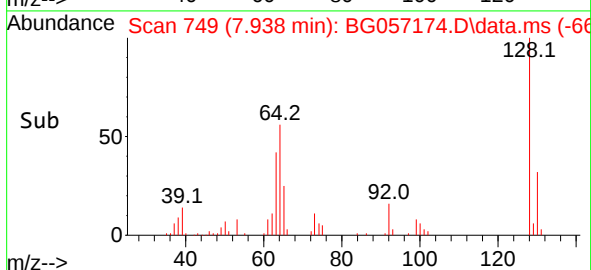
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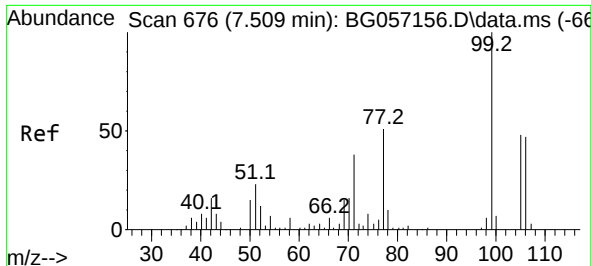


#8
2-Chlorophenol
Concen: 57.075 ng
RT: 7.938 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



Tgt Ion:128 Resp: 45772
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 55.6 31.4 71.4





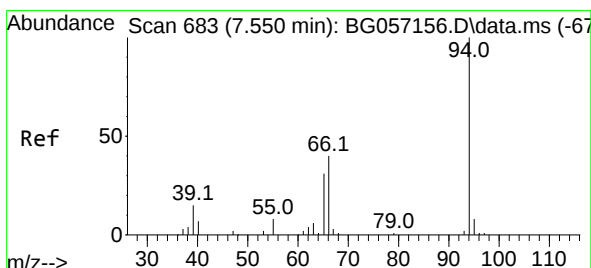
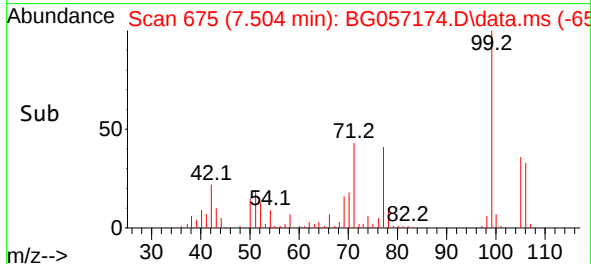
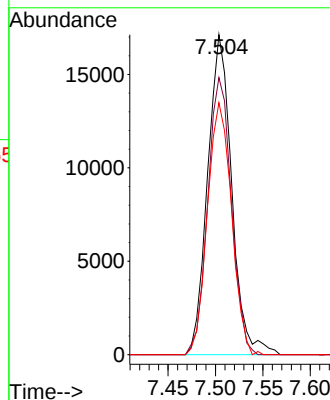
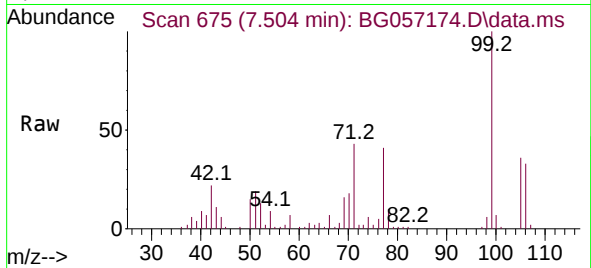
#9
Benzaldehyde
Concen: 45.560 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 30220
Ion Ratio Lower Upper
77 100
105 86.6 73.5 113.5
106 78.7 72.7 112.7

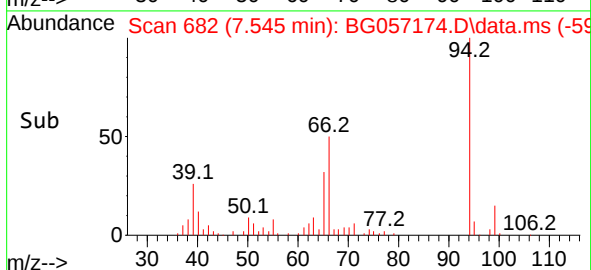
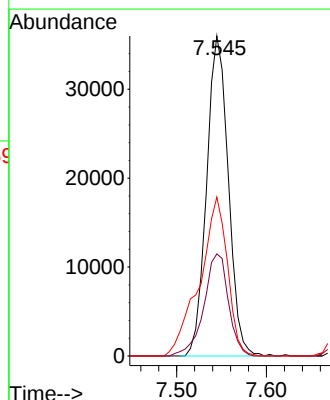
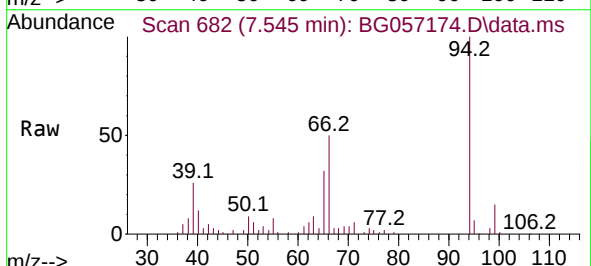
Manual Integrations
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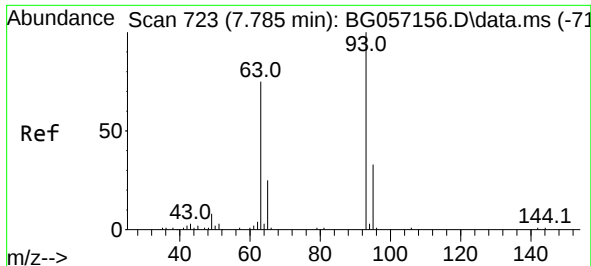
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#10
Phenol
Concen: 54.858 ng
RT: 7.545 min Scan# 682
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion: 94 Resp: 60334
Ion Ratio Lower Upper
94 100
65 31.9 11.6 51.6
66 49.7 22.7 62.7





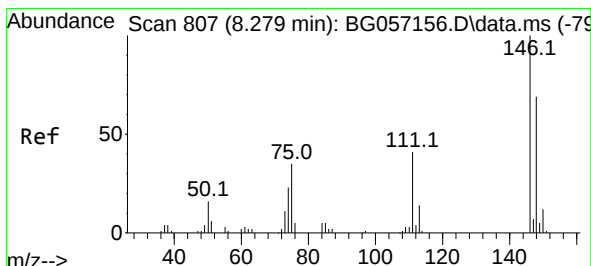
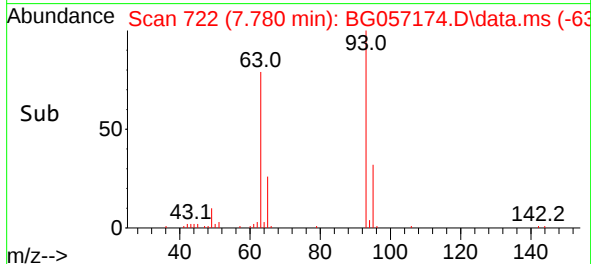
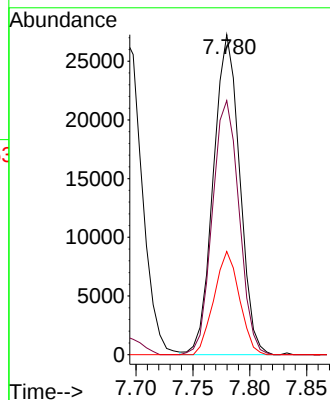
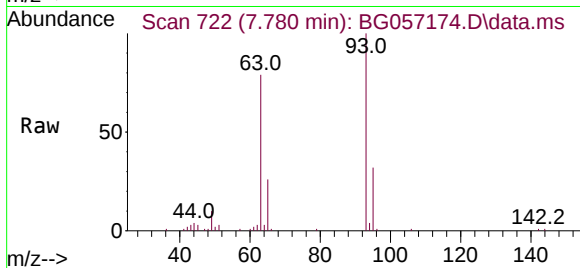
#11
bis(2-Chloroethyl)ether
Concen: 50.919 ng
RT: 7.780 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

Tgt Ion: 93 Resp: 43940
Ion Ratio Lower Upper
93 100
63 79.4 53.9 93.9
95 32.3 13.1 53.1

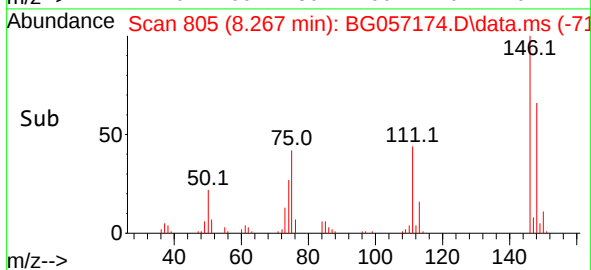
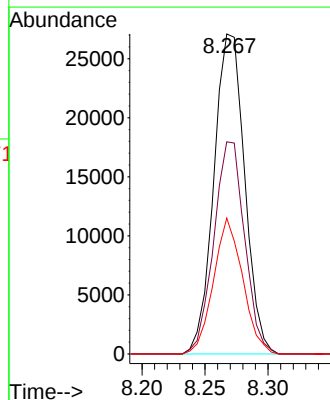
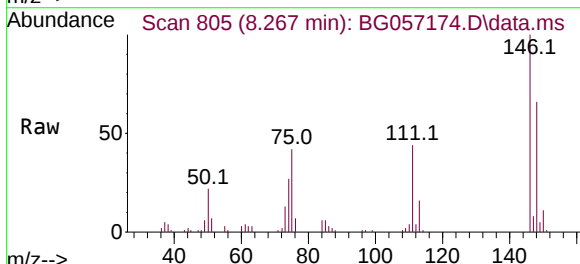
Manual Integrations
APPROVED

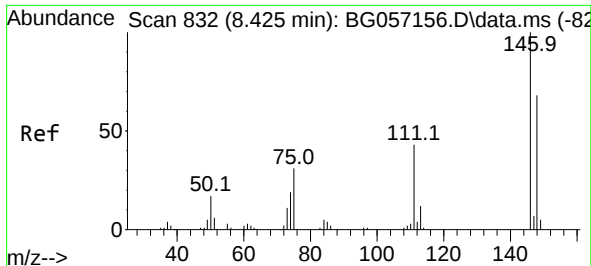
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 48.552 ng m
RT: 8.267 min Scan# 805
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

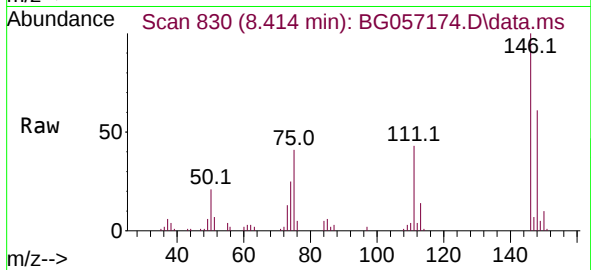
Tgt Ion:146 Resp: 46126
Ion Ratio Lower Upper
146 100
148 66.3 55.4 83.2
75 42.4 28.2 42.4#





#13
1,4-Dichlorobenzene
Concen: 50.088 ng
RT: 8.414 min Scan# 811
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

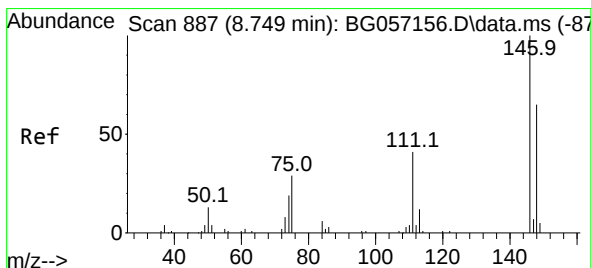
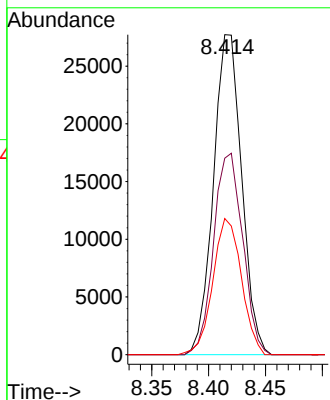
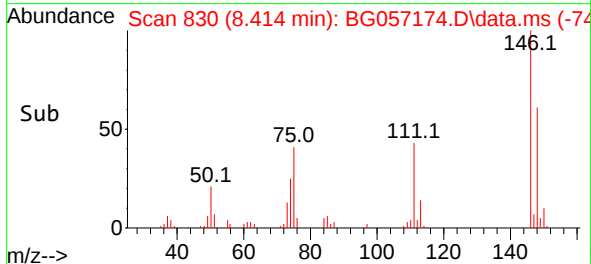
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



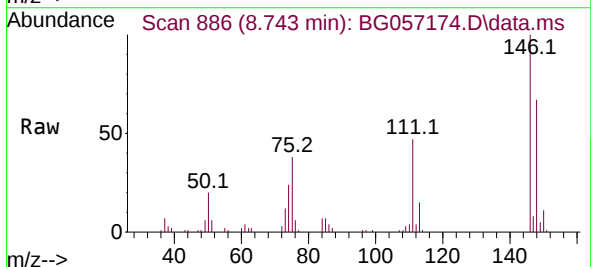
Tgt Ion:146 Resp: 47950
Ion Ratio Lower Upper
146 100
148 61.4 54.3 81.5
111 42.5 34.2 51.4

Manual Integrations
APPROVED

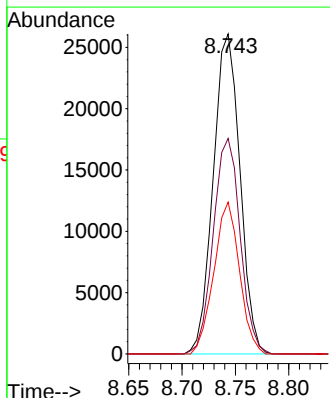
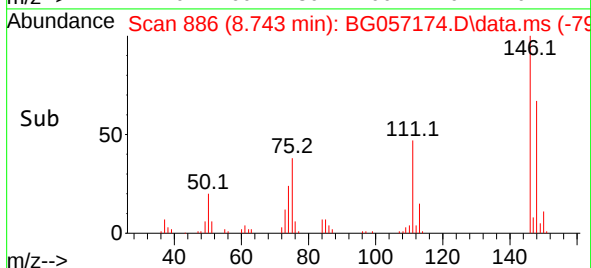
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

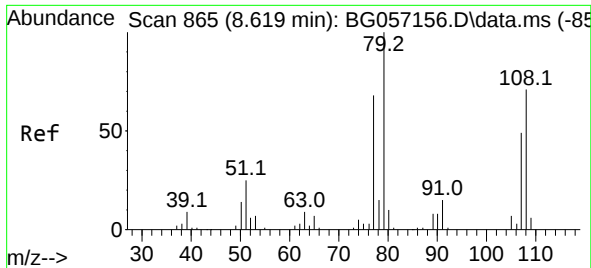


#14
1,2-Dichlorobenzene
Concen: 49.228 ng
RT: 8.743 min Scan# 886
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



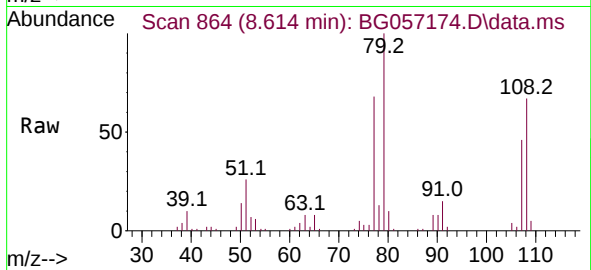
Tgt Ion:146 Resp: 45507
Ion Ratio Lower Upper
146 100
148 67.4 52.3 78.5
111 47.5 33.1 49.7





#15
Benzyl Alcohol
Concen: 65.818 ng
RT: 8.614 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

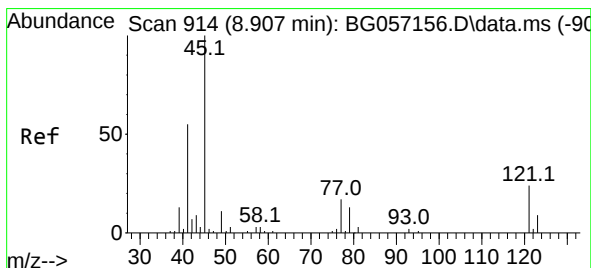
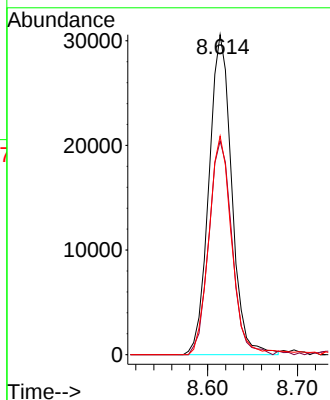
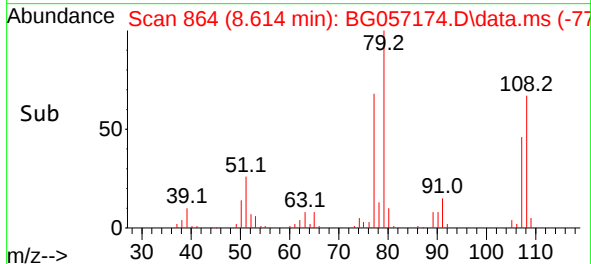
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



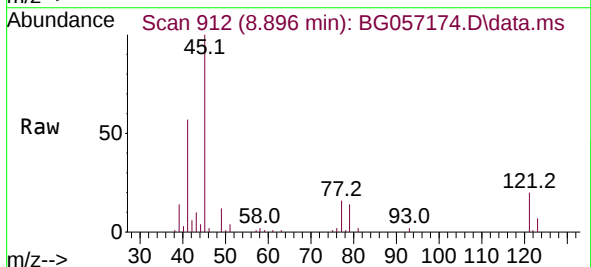
Tgt Ion: 79	Resp: 53719
Ion Ratio	Lower Upper
79	100
108	66.8 56.8 85.2
77	68.3 54.2 81.2

Manual Integrations
APPROVED

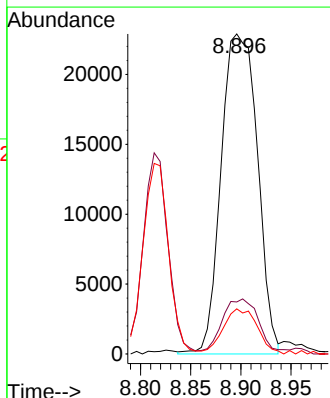
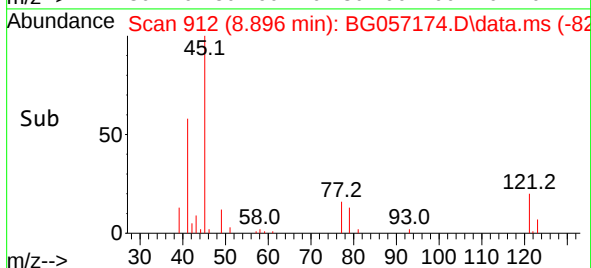
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

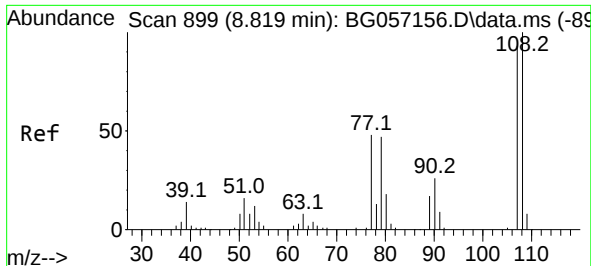


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.406 ng m
RT: 8.896 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



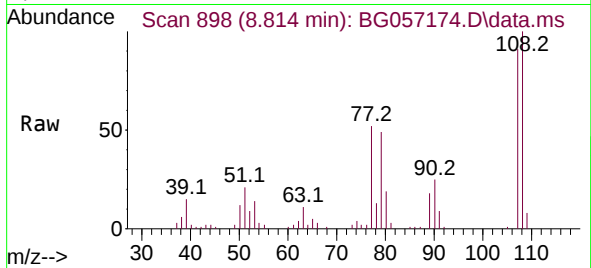
Tgt Ion: 45	Resp: 57626
Ion Ratio	Lower Upper
45	100
77	16.3 0.0 38.7
79	14.1 0.0 34.9





#17
2-Methylphenol
Concen: 54.773 ng
RT: 8.814 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

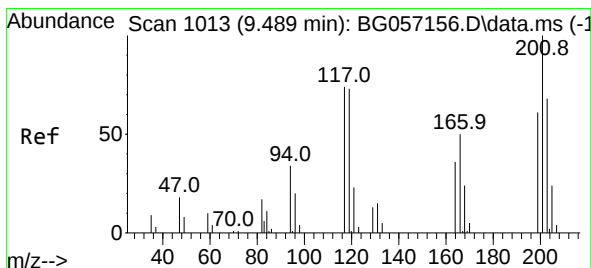
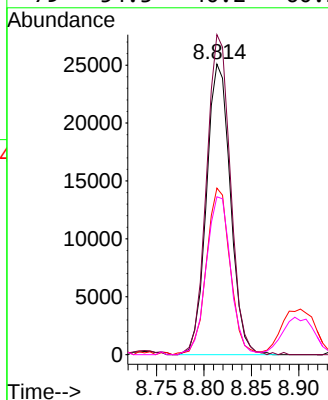
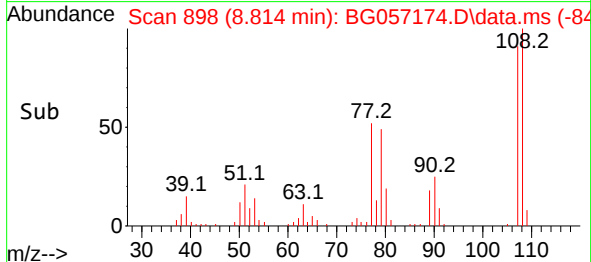
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



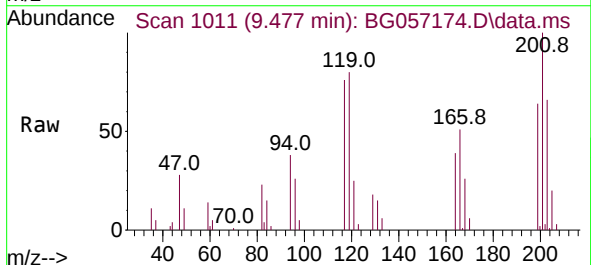
Tgt Ion:107 Resp: 4408
Ion Ratio Lower Upper
107 100
108 110.1 86.2 129.4
77 57.3 41.8 62.8
79 54.3 40.2 60.2

Manual Integrations
APPROVED

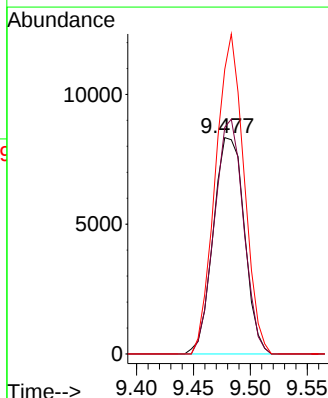
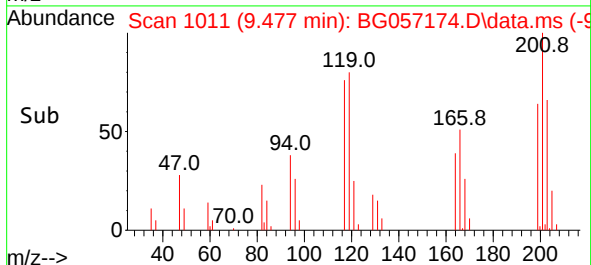
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

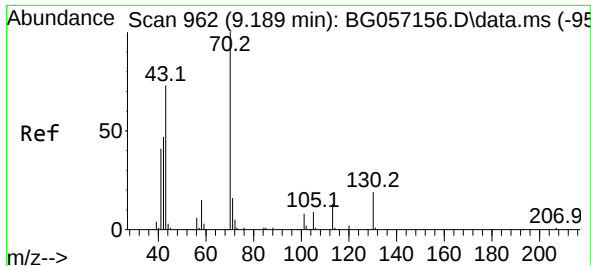


#18
Hexachloroethane
Concen: 48.635 ng
RT: 9.477 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



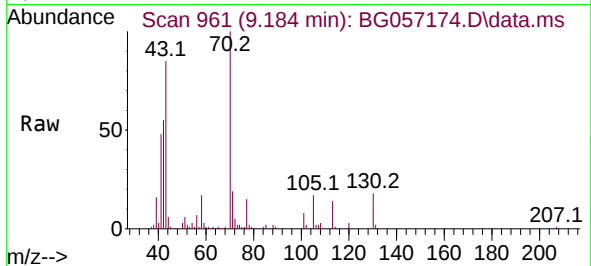
Tgt Ion:117 Resp: 15797
Ion Ratio Lower Upper
117 100
119 104.8 78.3 117.5
201 131.5 107.6 161.4





#19
n-Nitroso-di-n-propylamine
Concen: 63.606 ng
RT: 9.184 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

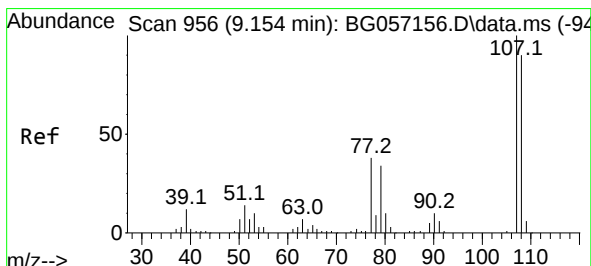
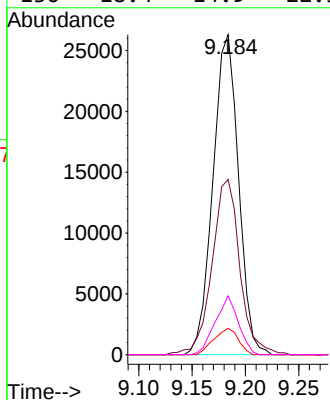
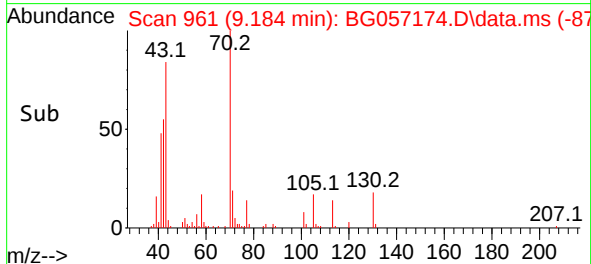
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion: 70 Resp: 4382
Ion Ratio Lower Upper
70 100
42 54.8 38.0 57.0
101 8.2 6.6 9.8
130 18.4 14.9 22.3

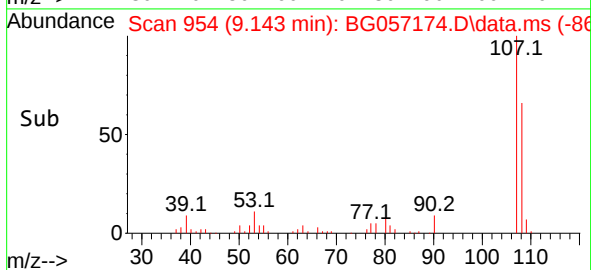
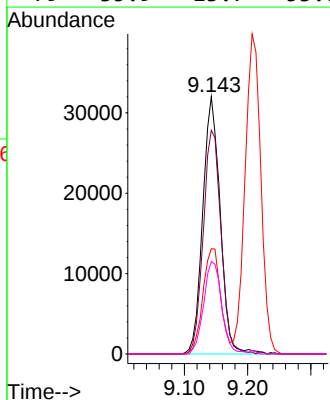
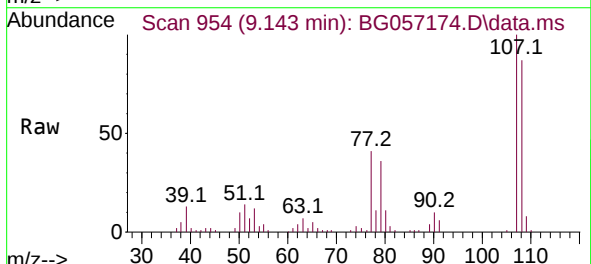
Manual Integrations
APPROVED

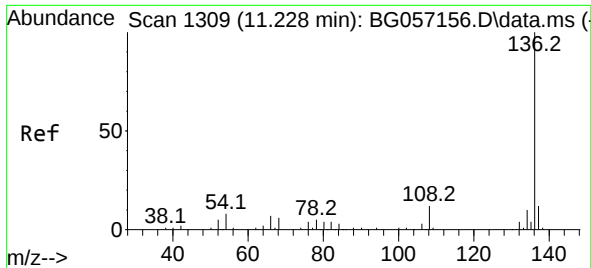
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#20
3+4-Methylphenols
Concen: 55.713 ng
RT: 9.143 min Scan# 954
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

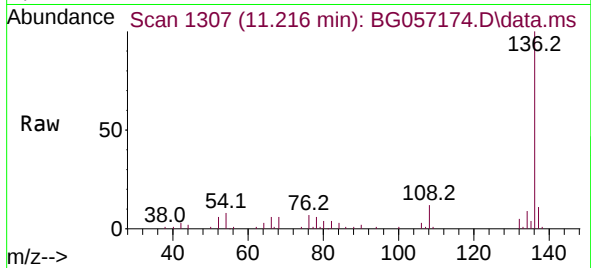
Tgt Ion:107 Resp: 61363
Ion Ratio Lower Upper
107 100
108 86.9 70.2 110.2
77 40.9 17.8 57.8
79 35.9 13.7 53.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

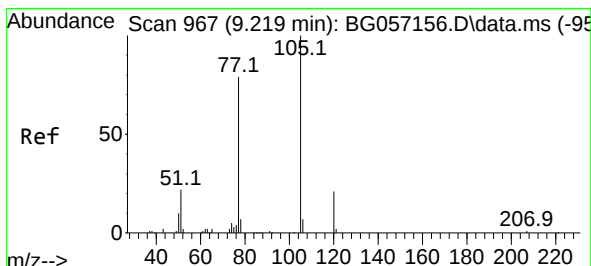
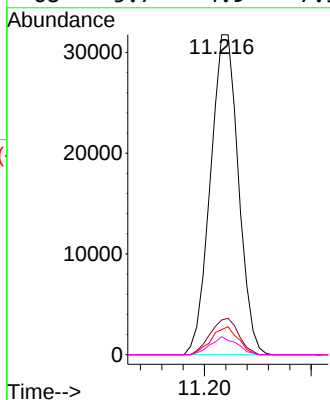
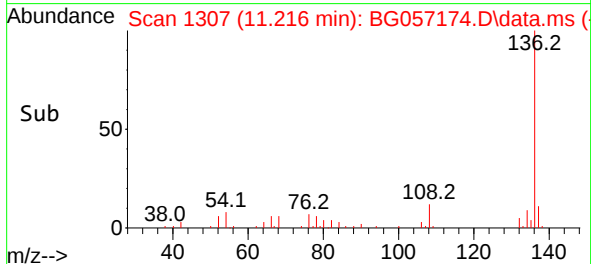
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:	136	Resp:	5788
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.5	14.3
54	7.9	6.4	9.6
68	5.7	4.9	7.3

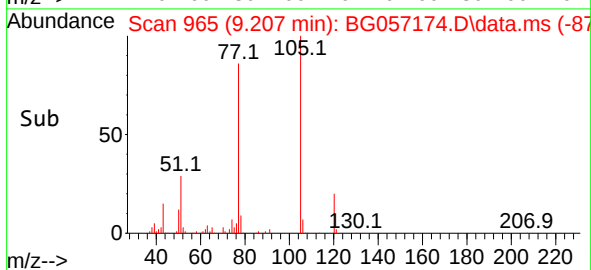
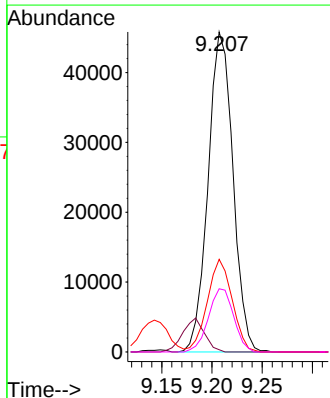
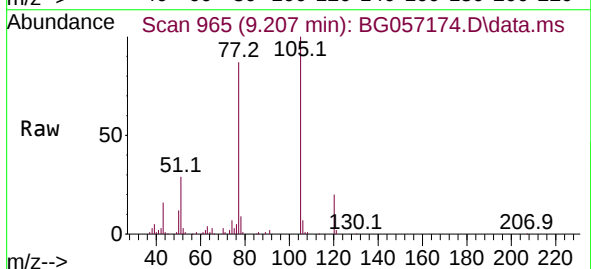
Manual Integrations
APPROVED

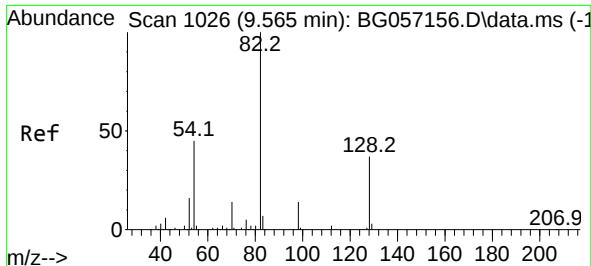
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 50.277 ng
RT: 9.207 min Scan# 965
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:	105	Resp:	78946
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.2	0.4
51	29.0	19.4	29.0
120	19.8	17.0	25.6





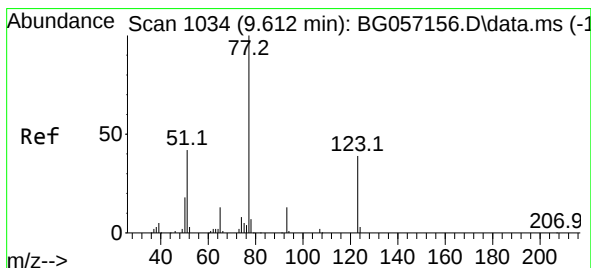
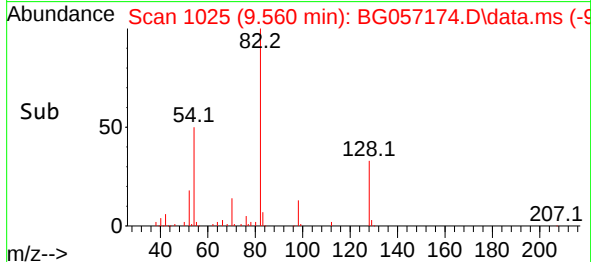
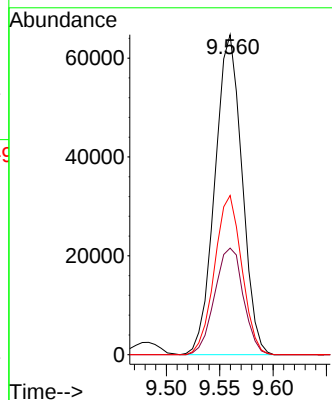
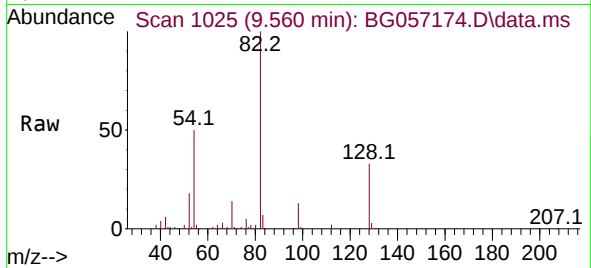
#23
Nitrobenzene-d5
Concen: 97.681 ng
RT: 9.560 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

Tgt Ion: 82 Resp: 114370
Ion Ratio Lower Upper
82 100
128 33.3 29.4 44.2
54 49.7 36.2 54.2

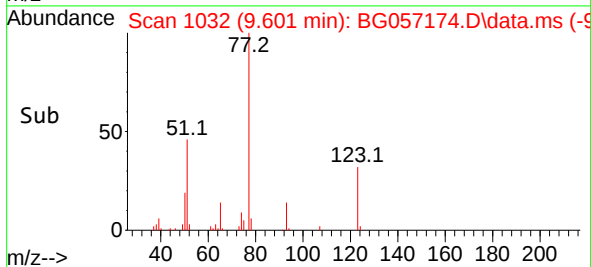
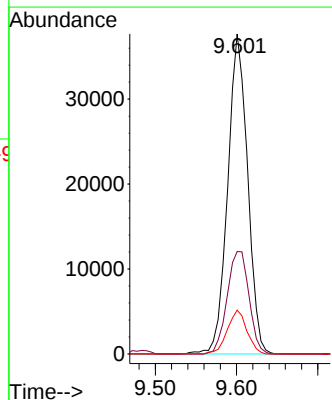
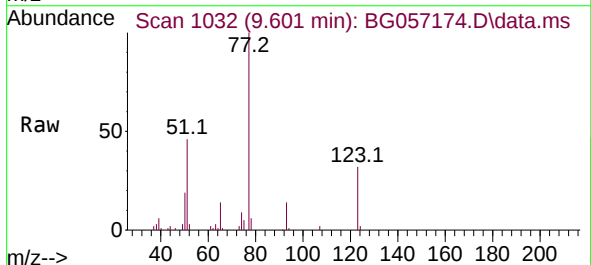
Manual Integrations
APPROVED

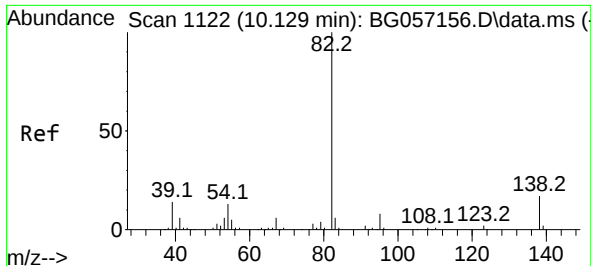
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 54.558 ng
RT: 9.601 min Scan# 1032
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

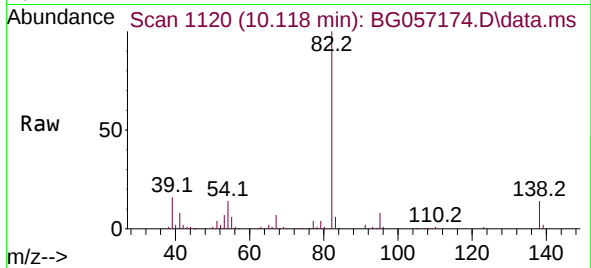
Tgt Ion: 77 Resp: 64137
Ion Ratio Lower Upper
77 100
123 32.0 31.3 46.9
65 13.7 10.5 15.7





#25
Isophorone
Concen: 55.595 ng
RT: 10.118 min Scan# 1120
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

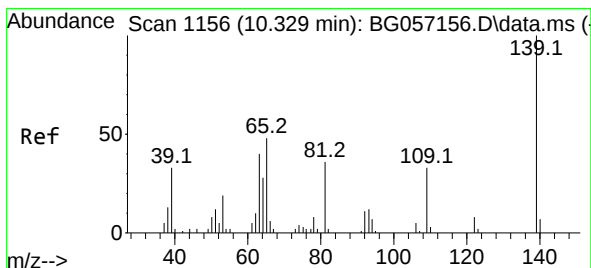
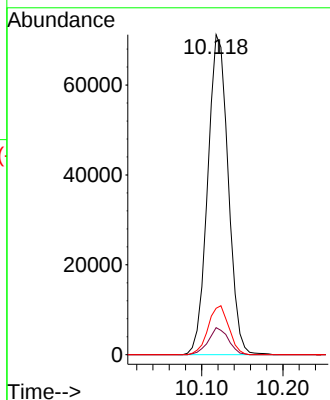
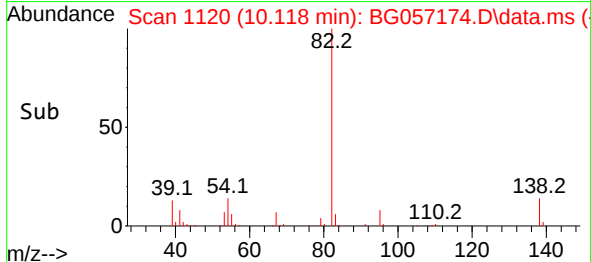
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion: 82 Resp: 12485
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.2
138 14.5 13.4 20.0

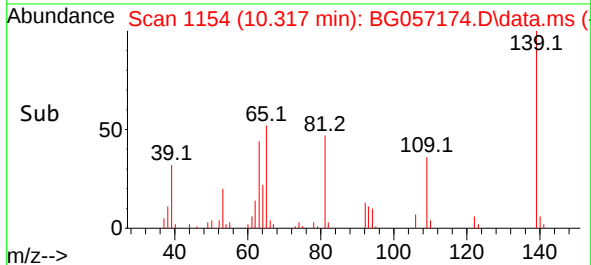
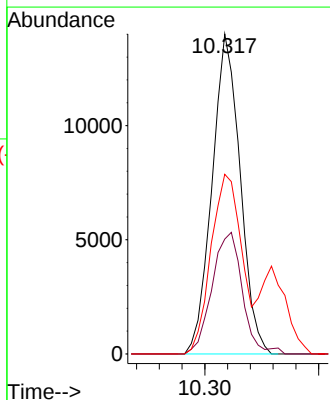
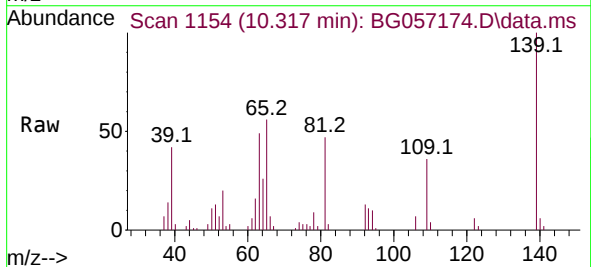
Manual Integrations
APPROVED

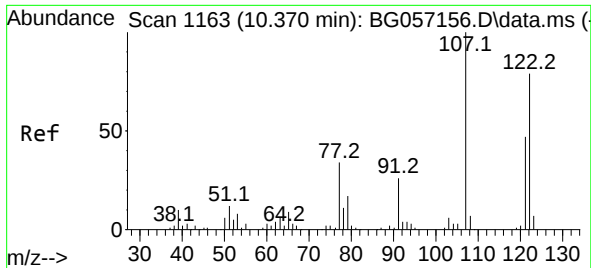
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 54.699 ng
RT: 10.317 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

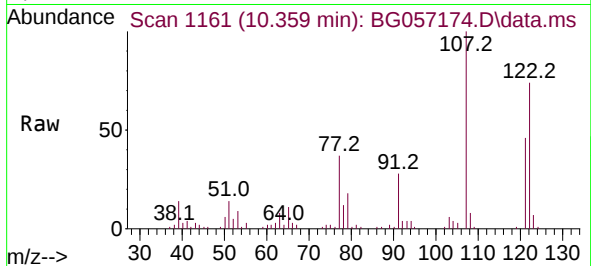
Tgt Ion:139 Resp: 24023
Ion Ratio Lower Upper
139 100
109 35.9 26.6 39.8
65 56.1 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 57.379 ng
RT: 10.359 min Scan# 1161
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

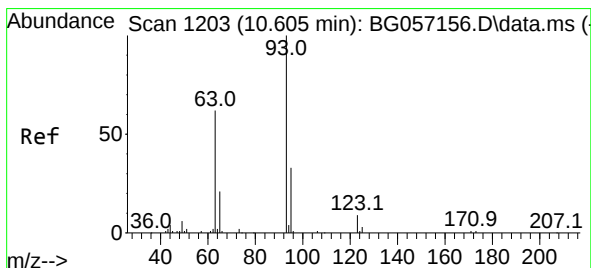
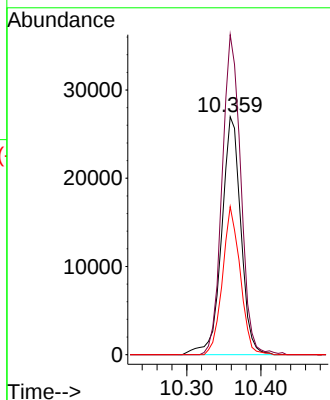
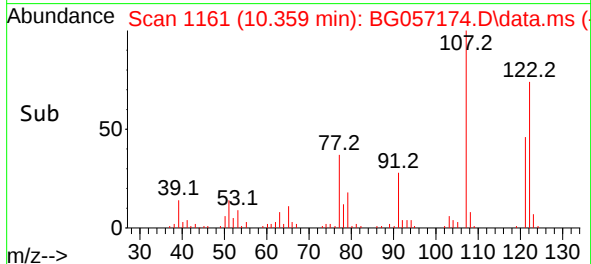
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:122 Resp: 48434
Ion Ratio Lower Upper
122 100
107 134.5 101.5 152.3
121 62.3 48.0 72.0

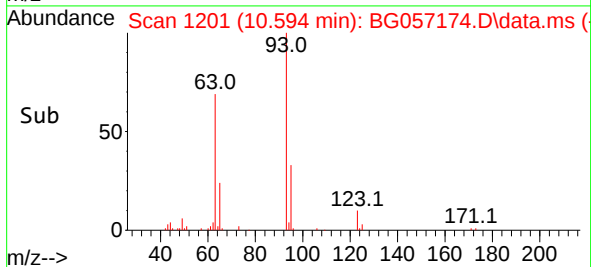
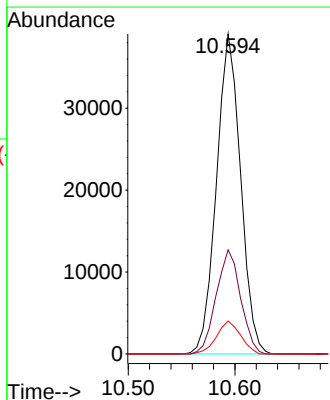
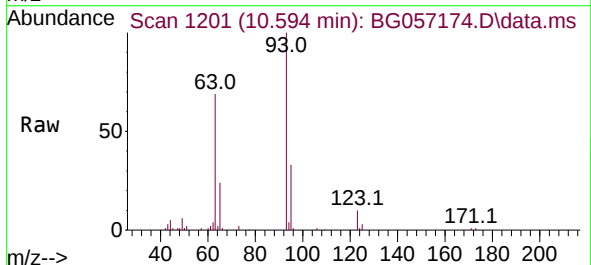
Manual Integrations
APPROVED

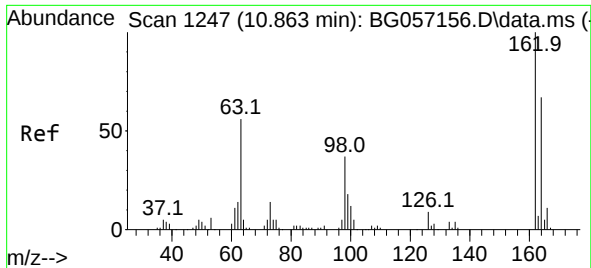
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 52.051 ng
RT: 10.594 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

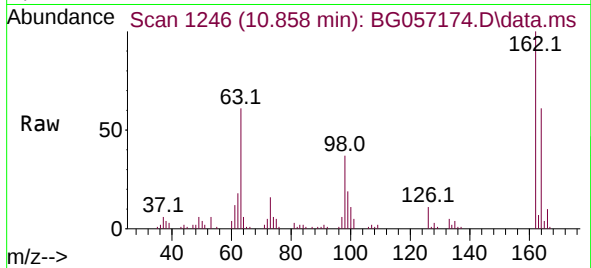
Tgt Ion: 93 Resp: 61279
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.3 7.4 11.0





#29
2,4-Dichlorophenol
Concen: 56.403 ng
RT: 10.858 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

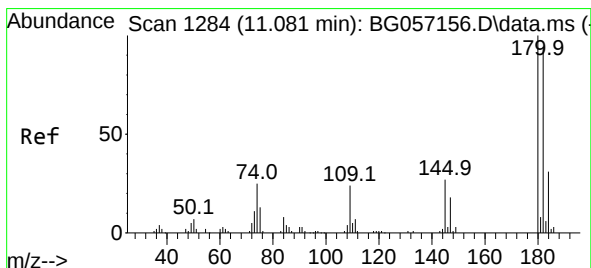
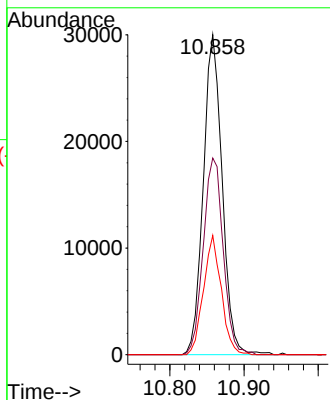
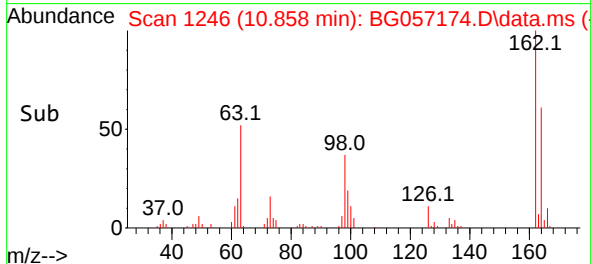
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:162 Resp: 5303
Ion Ratio Lower Upper
162 100
164 61.5 47.2 87.2
98 37.3 16.8 56.8

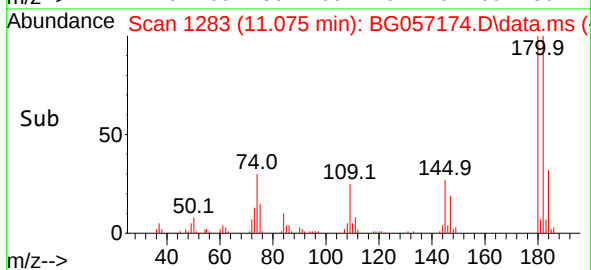
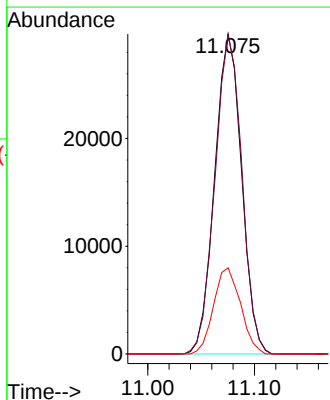
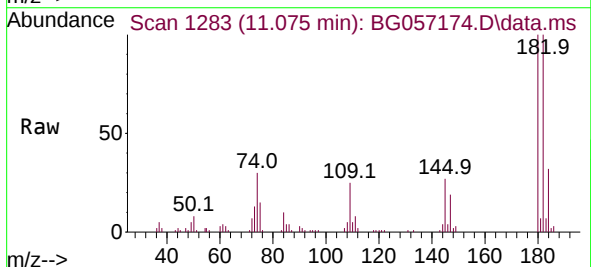
Manual Integrations
APPROVED

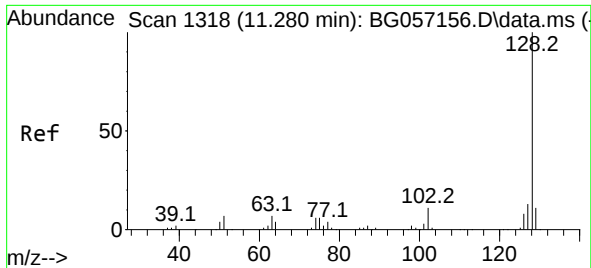
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.138 ng
RT: 11.075 min Scan# 1283
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

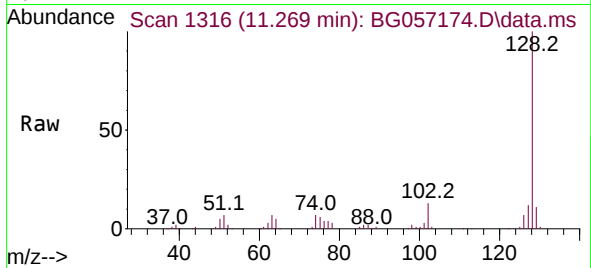
Tgt Ion:180 Resp: 51902
Ion Ratio Lower Upper
180 100
182 99.7 75.0 112.6
145 26.9 21.4 32.2





#31
Naphthalene
Concen: 46.654 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

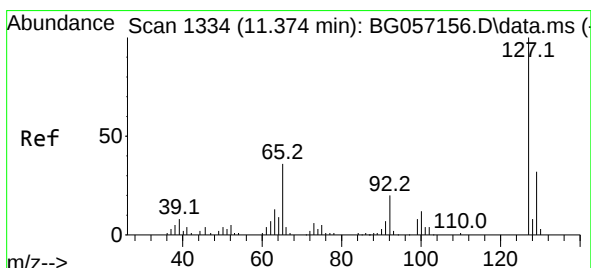
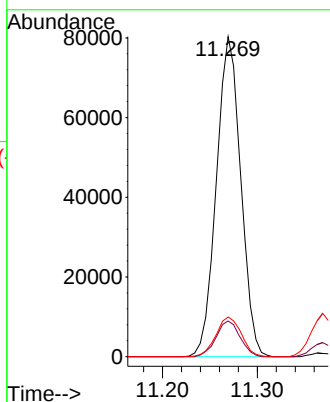
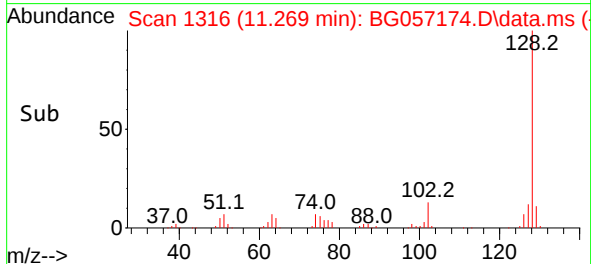
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



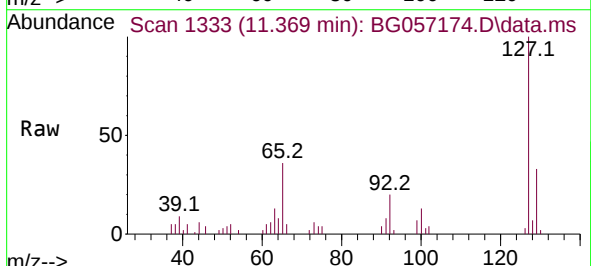
Tgt Ion:128 Resp: 143434
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.4 10.6 16.0

Manual Integrations
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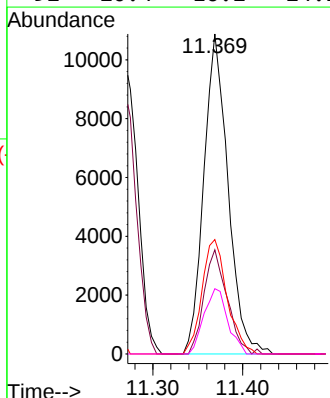
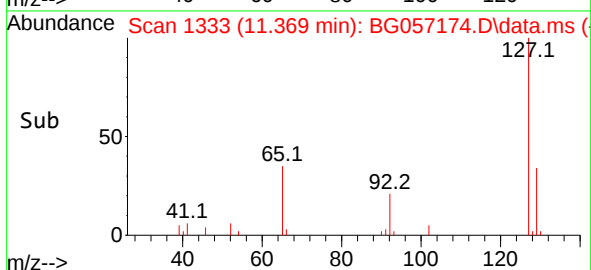
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

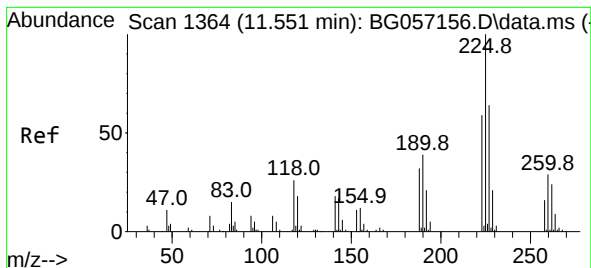


#33
4-Chloroaniline
Concen: 15.054 ng
RT: 11.369 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



Tgt Ion:127 Resp: 20349
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 35.8 28.6 42.8
92 20.4 16.2 24.2





#34

Hexachlorobutadiene

Concen: 42.332 ng

RT: 11.545 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

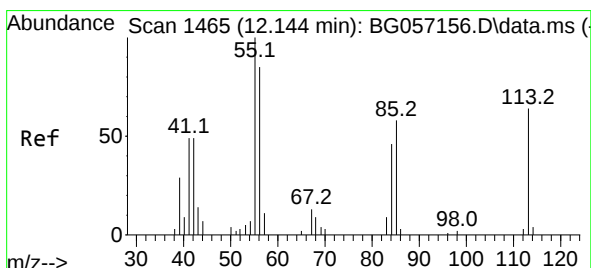
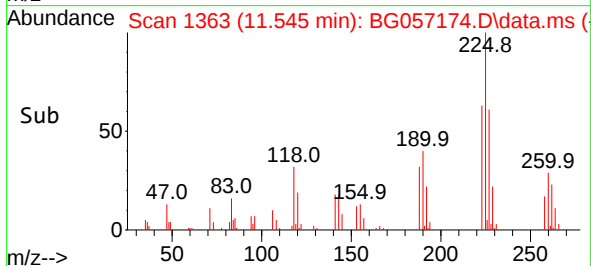
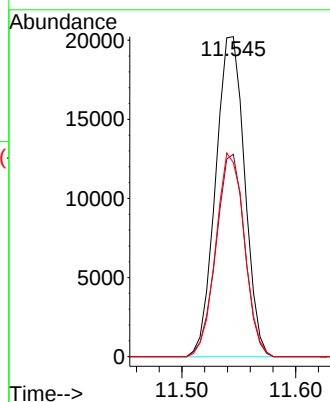
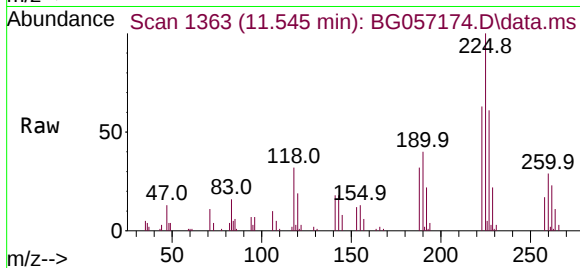
SPD-1WC-23-04-18MSD

Tgt Ion:	225	Resp:	3589
Ion Ratio	Lower	Upper	
225	100		
223	63.2	47.4	71.0
227	60.7	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#35

Caprolactam

Concen: 58.327 ng

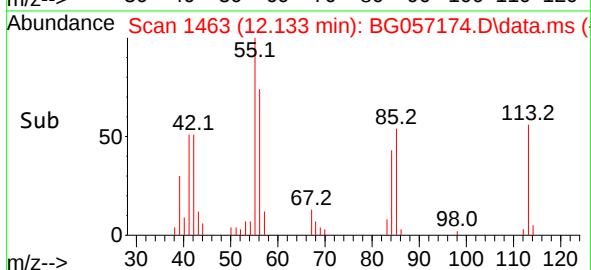
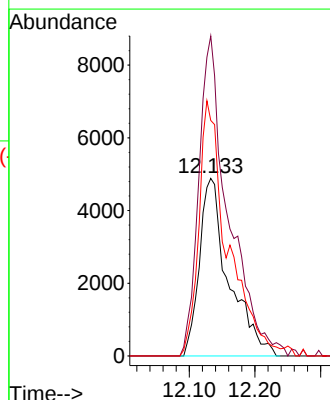
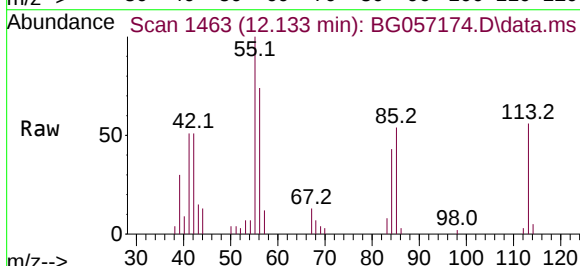
RT: 12.133 min Scan# 1463

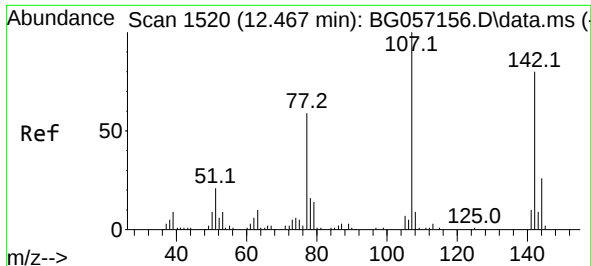
Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

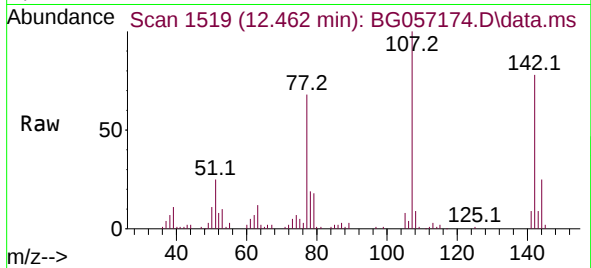
Tgt Ion:	113	Resp:	15187
Ion Ratio	Lower	Upper	
113	100		
55	180.1	135.8	175.8
56	132.6	111.8	151.8





#36
4-Chloro-3-methylphenol
Concen: 59.901 ng
RT: 12.462 min Scan# 1519
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

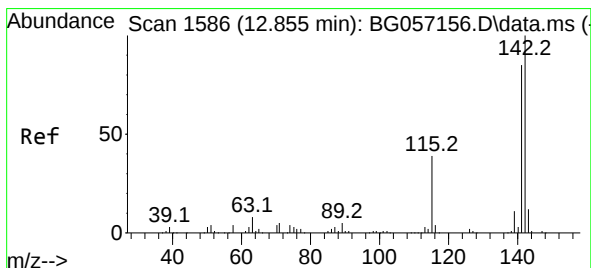
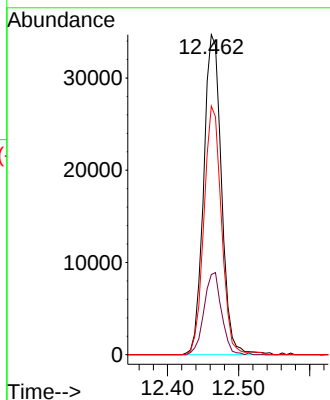
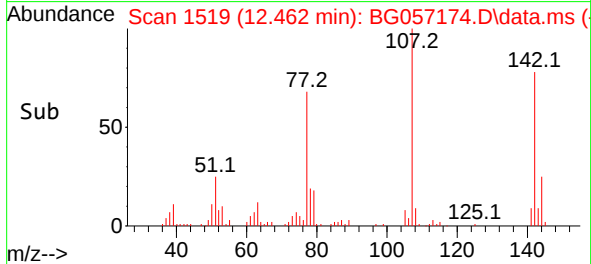
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



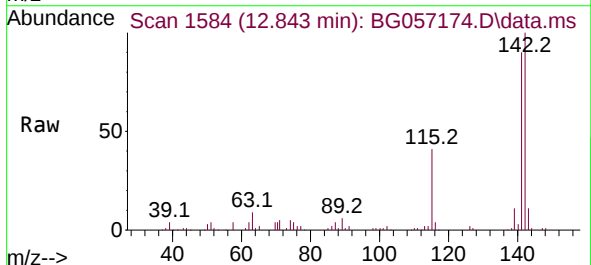
Tgt Ion:107 Resp: 60594
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 77.7 63.8 95.8

Manual Integrations
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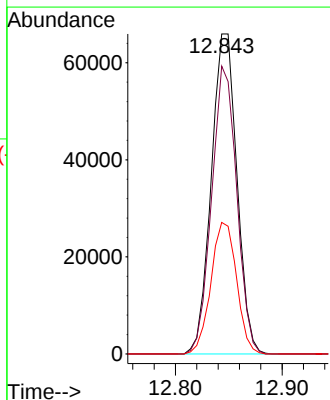
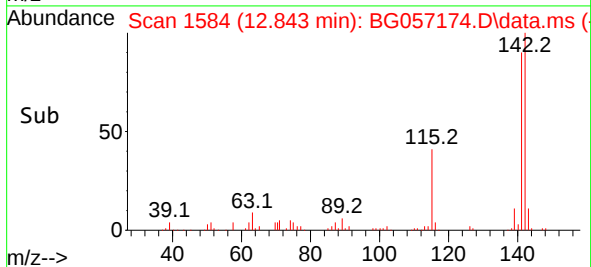
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

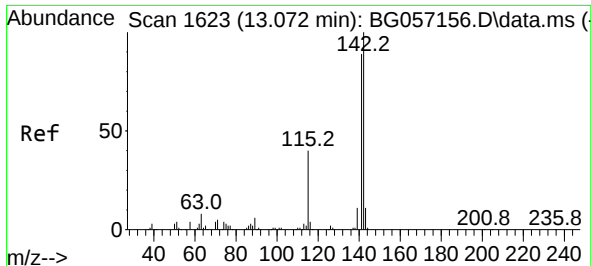


#37
2-Methylnaphthalene
Concen: 45.586 ng
RT: 12.843 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



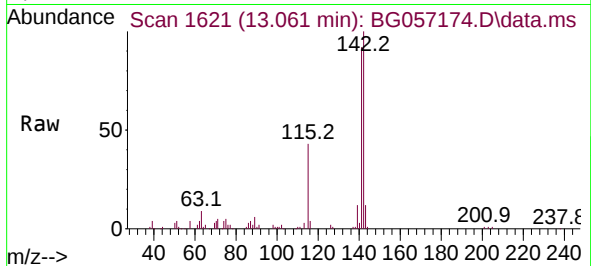
Tgt Ion:142 Resp: 110290
Ion Ratio Lower Upper
142 100
141 89.9 68.1 102.1
115 41.1 31.0 46.4





#38
1-Methylnaphthalene
Concen: 46.482 ng
RT: 13.061 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

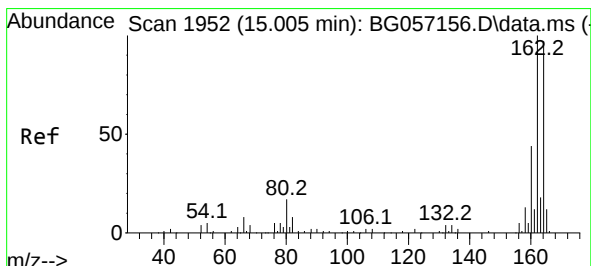
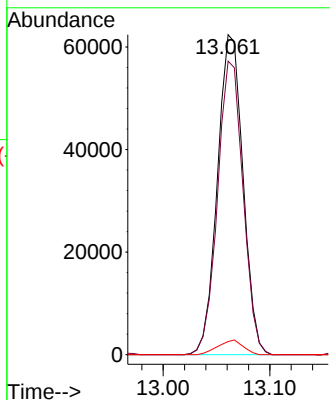
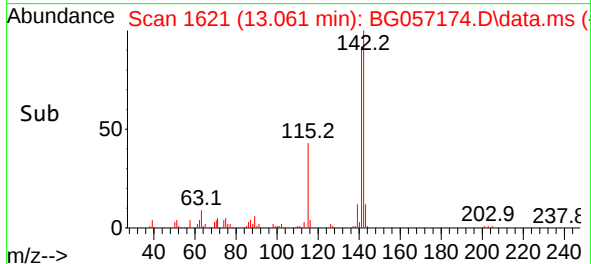
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



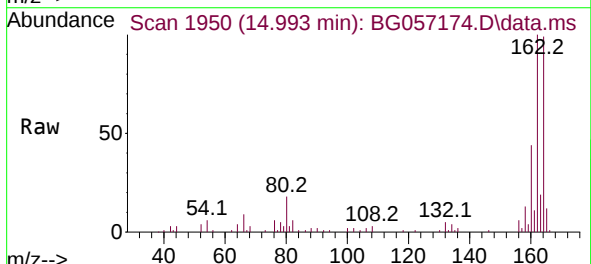
Tgt Ion:142 Resp: 10382
Ion Ratio Lower Upper
142 100
141 91.8 71.6 107.4
116 4.1 3.3 4.9

Manual Integrations
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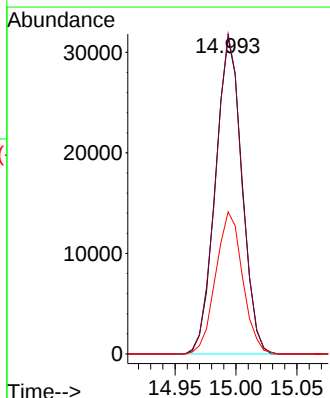
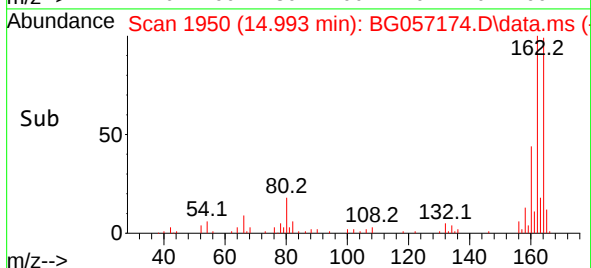
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

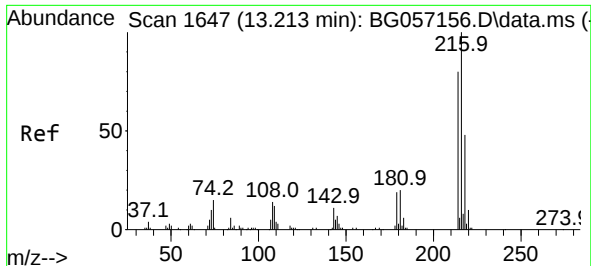


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



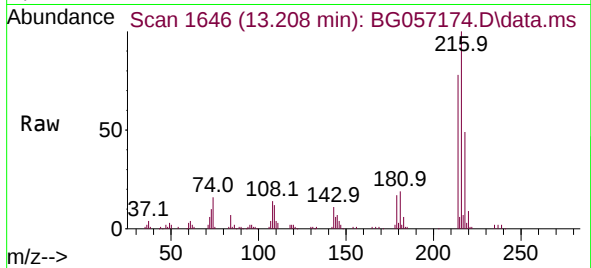
Tgt Ion:164 Resp: 47674
Ion Ratio Lower Upper
164 100
162 101.3 82.4 123.6
160 45.0 36.2 54.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.287 ng
RT: 13.208 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

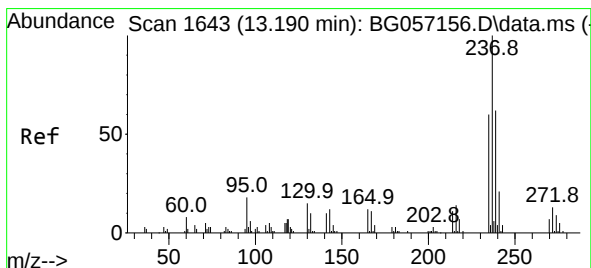
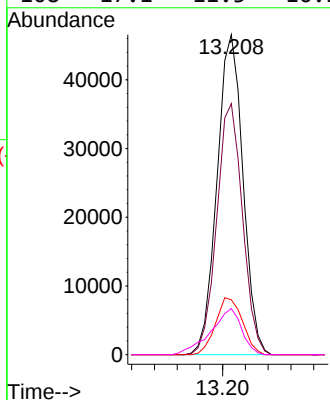
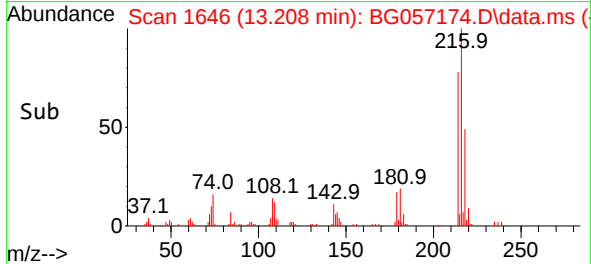
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



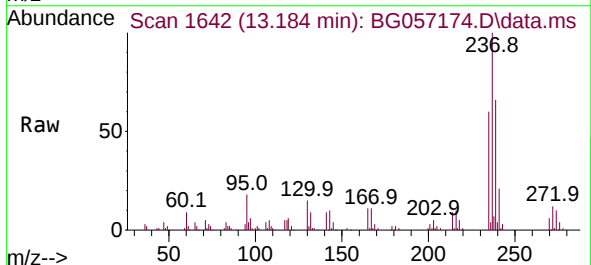
Tgt Ion:216 Resp: 7376
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 18.4 14.8 22.2
108 17.1 11.3 16.9#

Manual Integrations
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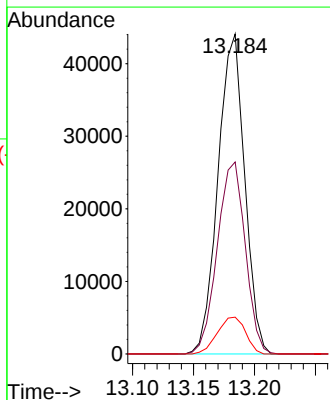
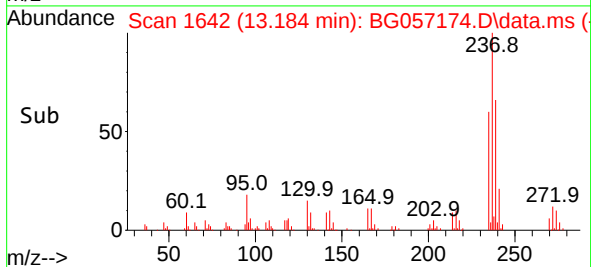
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

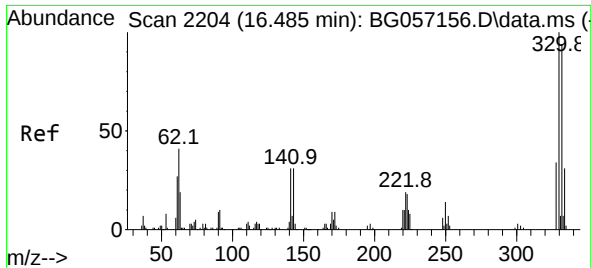


#41
Hexachlorocyclopentadiene
Concen: 89.445 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



Tgt Ion:237 Resp: 67176
Ion Ratio Lower Upper
237 100
235 60.0 39.7 79.7
272 11.5 0.0 32.6





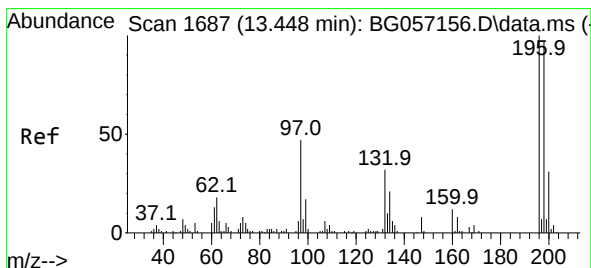
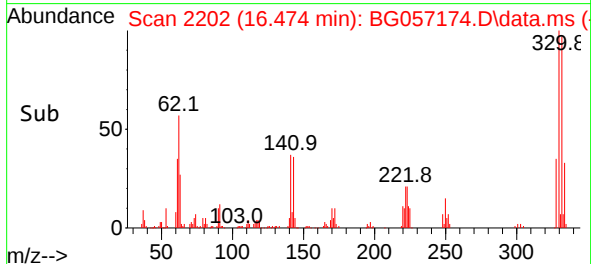
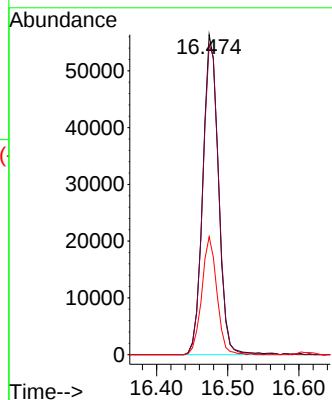
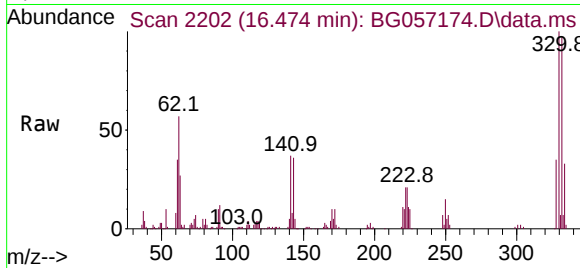
#42
2,4,6-Tribromophenol
Concen: 137.146 ng
RT: 16.474 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD

Tgt Ion:330 Resp: 8626
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 35.5 26.0 39.0

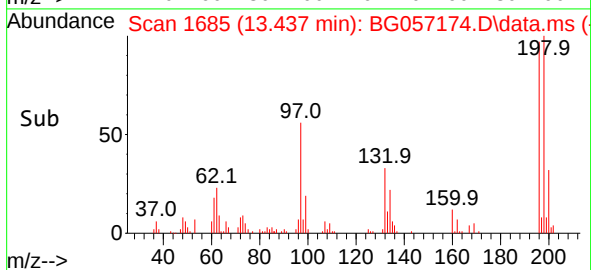
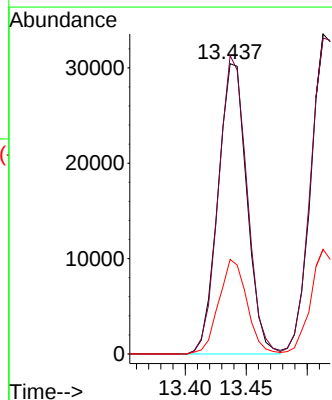
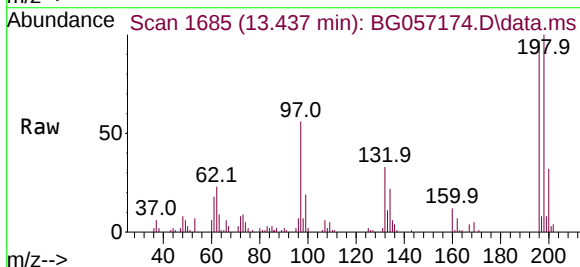
Manual Integrations
APPROVED

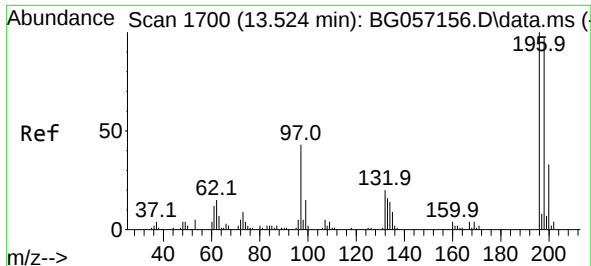
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#43
2,4,6-Trichlorophenol
Concen: 53.186 ng
RT: 13.437 min Scan# 1685
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

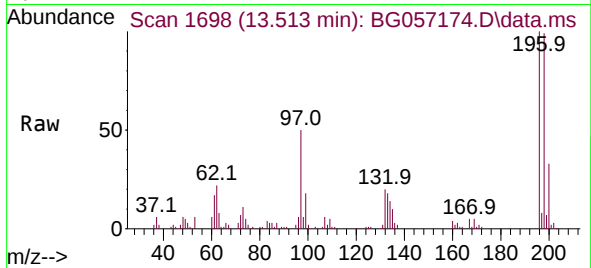
Tgt Ion:196 Resp: 50229
Ion Ratio Lower Upper
196 100
198 102.8 77.5 116.3
200 32.6 24.6 37.0





#44
2,4,5-Trichlorophenol
Concen: 50.837 ng
RT: 13.513 min Scan# 1716
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

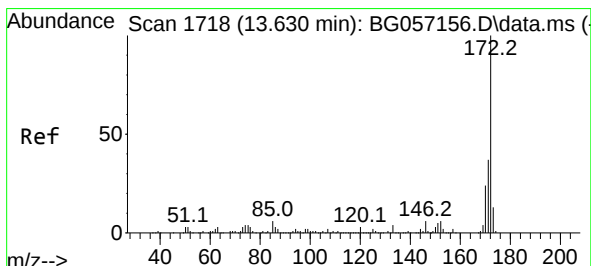
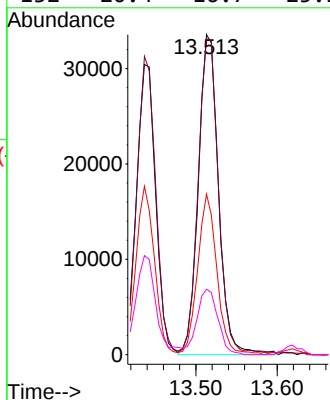
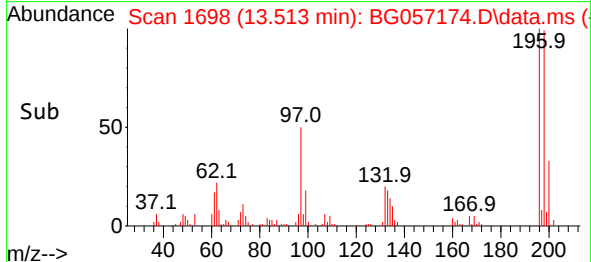
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:196 Resp: 57962
Ion Ratio Lower Upper
196 100
198 98.8 78.4 117.6
97 50.2 34.6 51.8
132 20.4 16.7 25.1

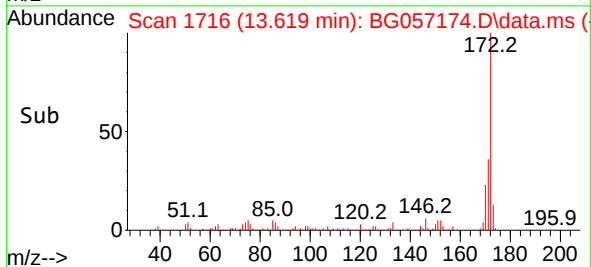
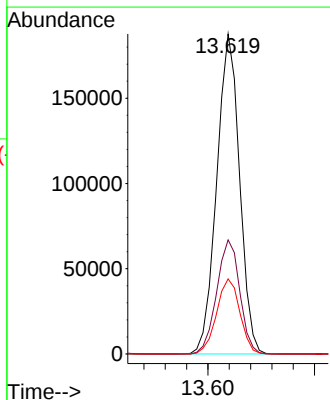
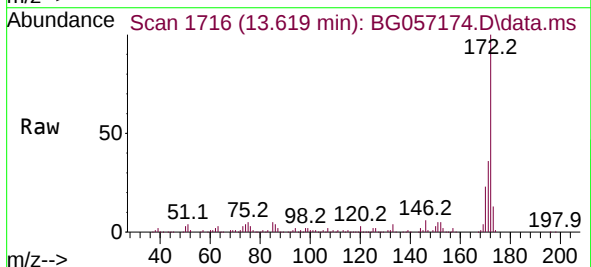
Manual Integrations
APPROVED

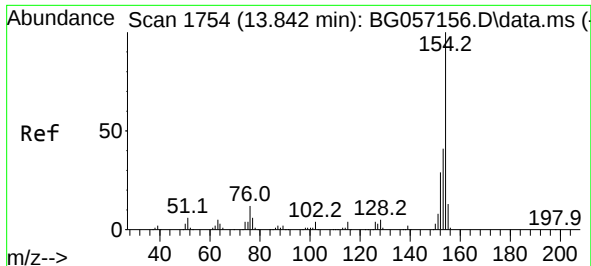
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#45
2-Fluorobiphenyl
Concen: 78.449 ng
RT: 13.619 min Scan# 1716
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

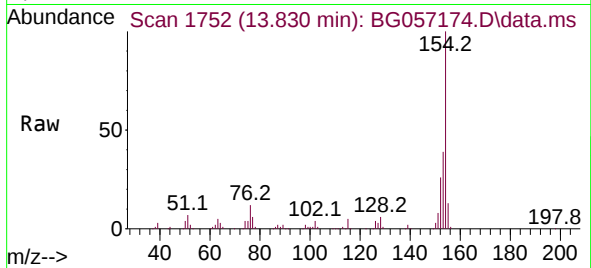
Tgt Ion:172 Resp: 278289
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.5 19.4 29.2





#46
1,1'-Biphenyl
Concen: 45.618 ng
RT: 13.830 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

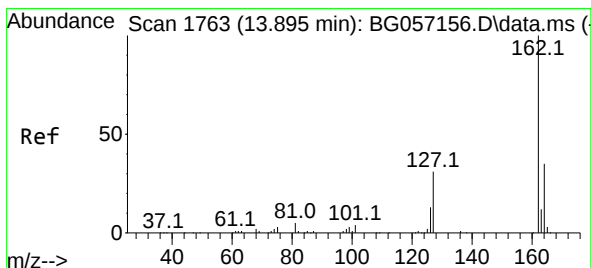
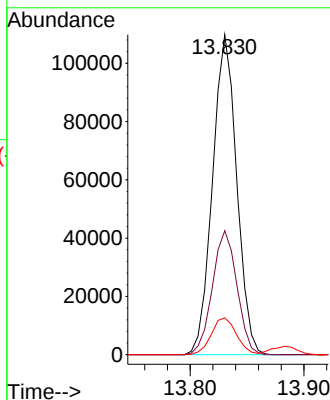
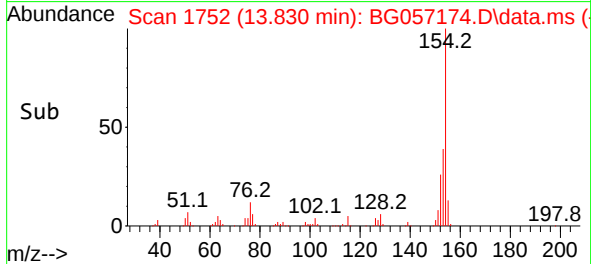
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:154 Resp: 162104
Ion Ratio Lower Upper
154 100
153 38.8 20.9 60.9
76 11.5 0.0 32.3

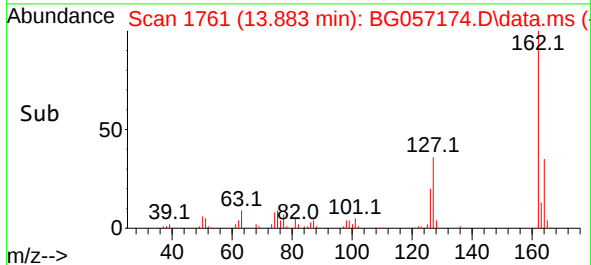
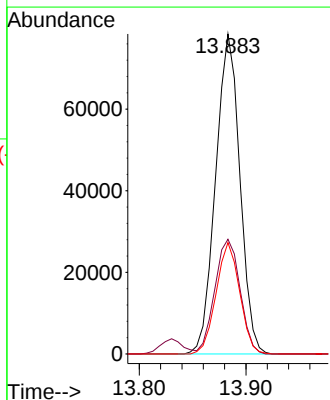
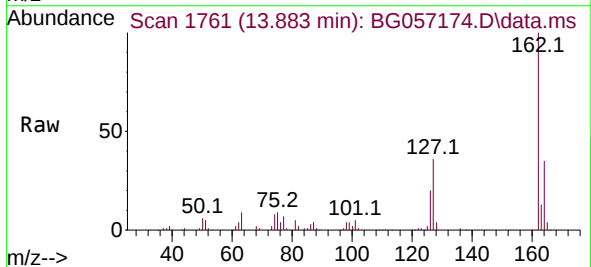
Manual Integrations
APPROVED

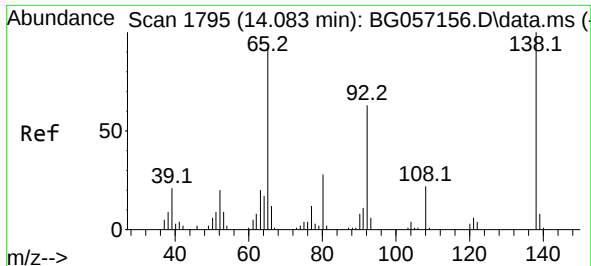
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#47
2-Chloronaphthalene
Concen: 46.152 ng
RT: 13.883 min Scan# 1761
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

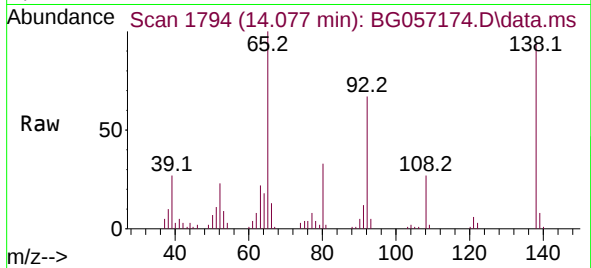
Tgt Ion:162 Resp: 123781
Ion Ratio Lower Upper
162 100
127 35.8 28.7 43.1
164 34.8 27.8 41.6





#48
2-Nitroaniline
Concen: 60.880 ng
RT: 14.077 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

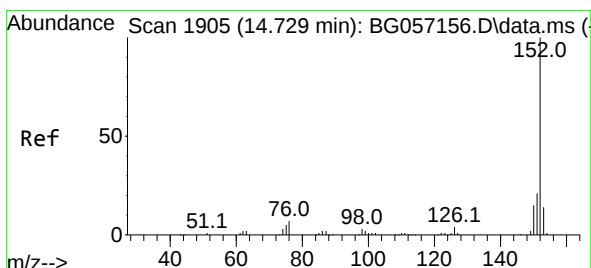
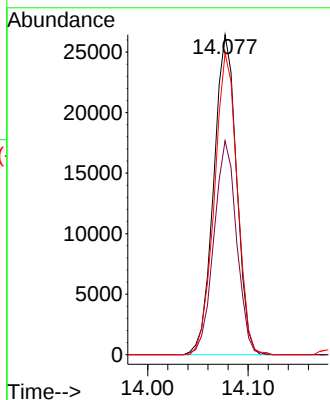
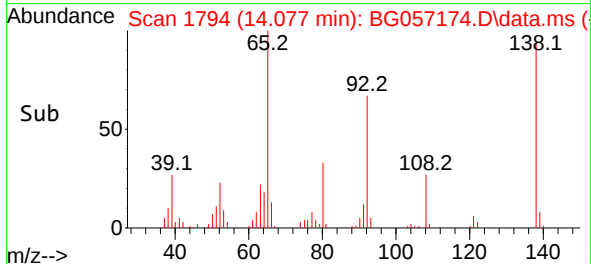
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



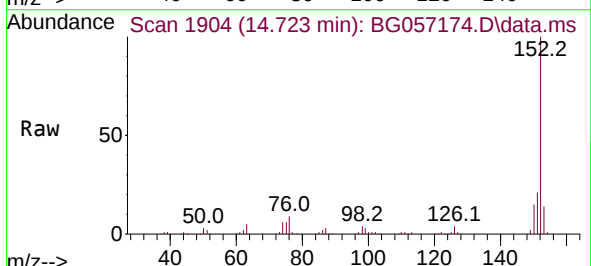
Tgt Ion: 65 Resp: 4172
Ion Ratio Lower Upper
65 100
92 66.8 54.9 82.3
138 94.2 86.6 129.8

Manual Integrations
APPROVED

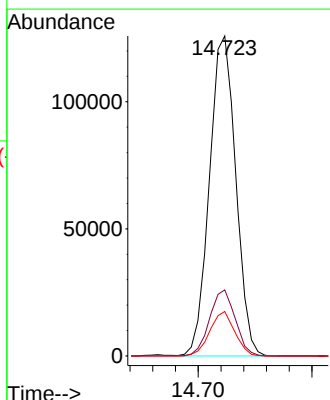
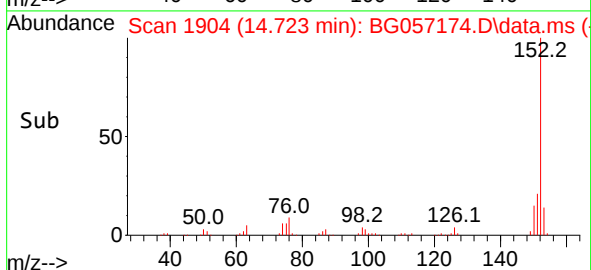
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

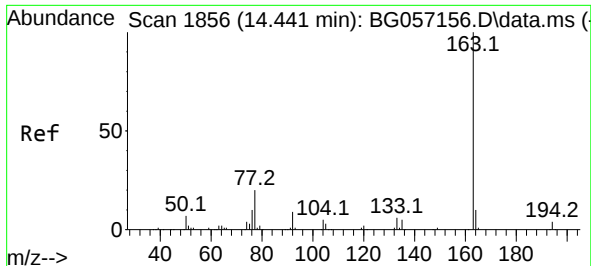


#49
Acenaphthylene
Concen: 47.565 ng
RT: 14.723 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



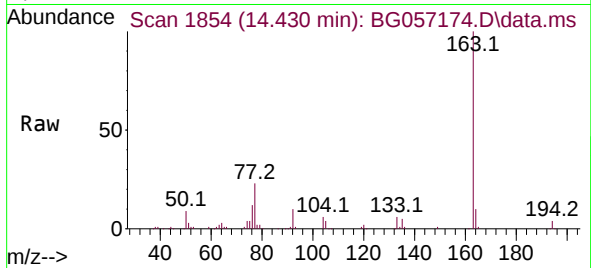
Tgt Ion:152 Resp: 202511
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.9 11.0 16.6





#50
Dimethylphthalate
Concen: 54.297 ng
RT: 14.430 min Scan# 1854
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

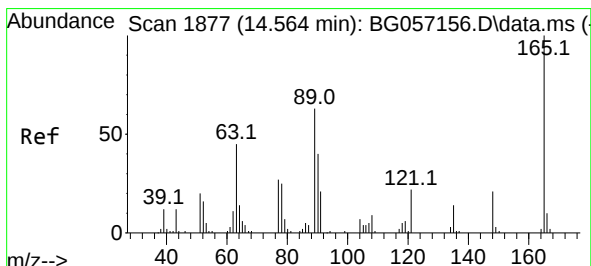
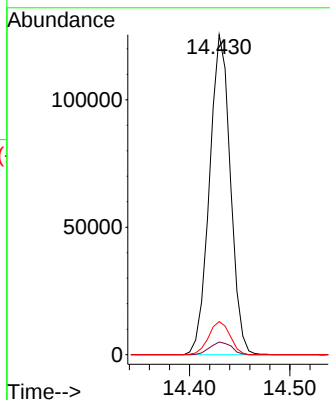
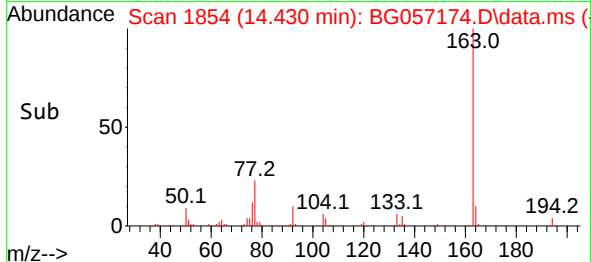
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:163 Resp: 181672
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.4

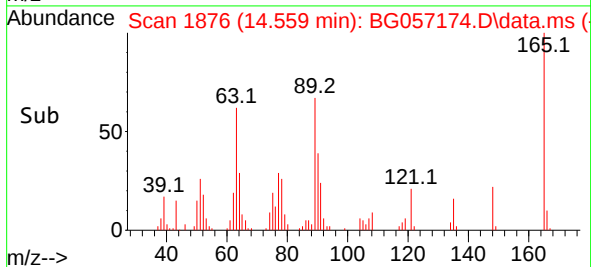
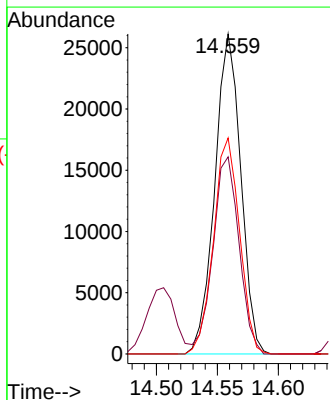
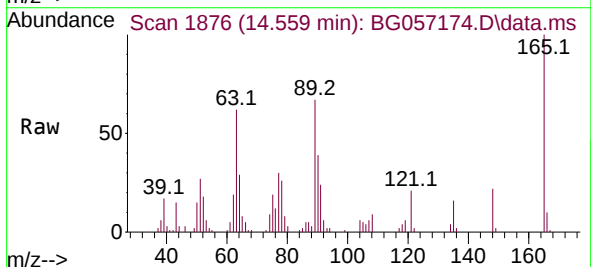
Manual Integrations
APPROVED

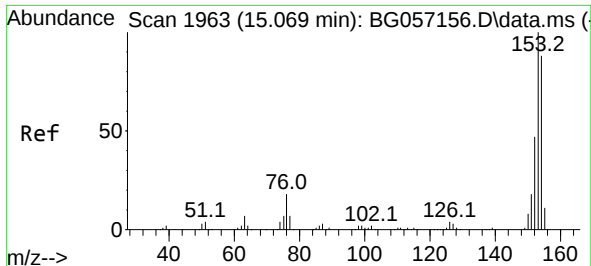
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#51
2,6-Dinitrotoluene
Concen: 55.518 ng
RT: 14.559 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

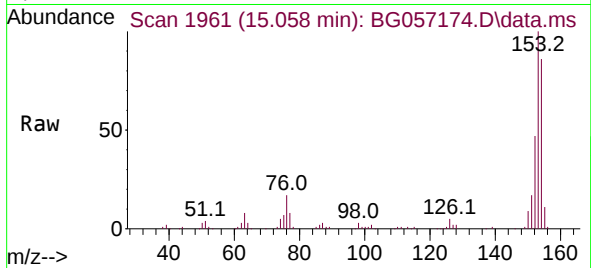
Tgt Ion:165 Resp: 38774
Ion Ratio Lower Upper
165 100
63 61.6 45.5 68.3
89 67.5 50.1 75.1





#52
Acenaphthene
Concen: 44.778 ng
RT: 15.058 min Scan# 1961
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

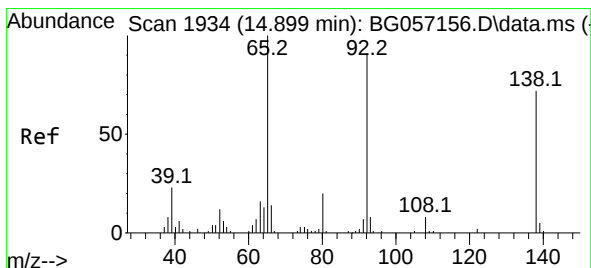
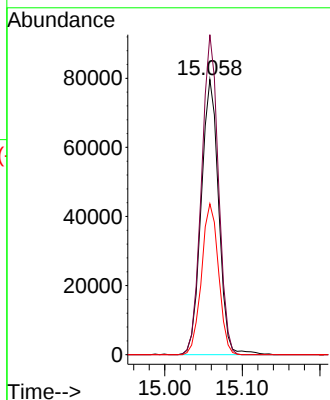
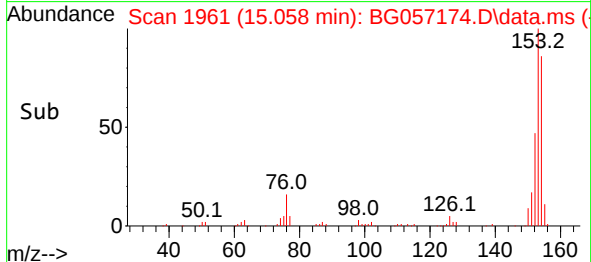
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:154 Resp: 124559
Ion Ratio Lower Upper
154 100
153 116.3 91.0 136.4
152 54.8 43.0 64.6

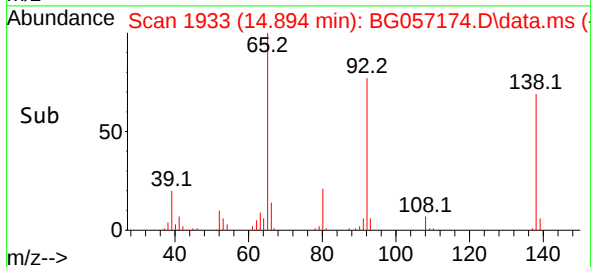
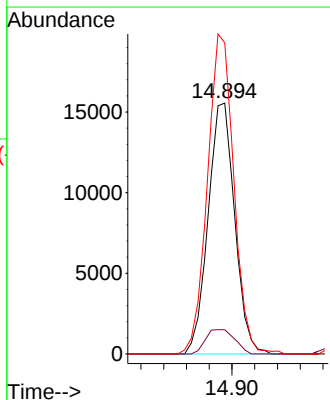
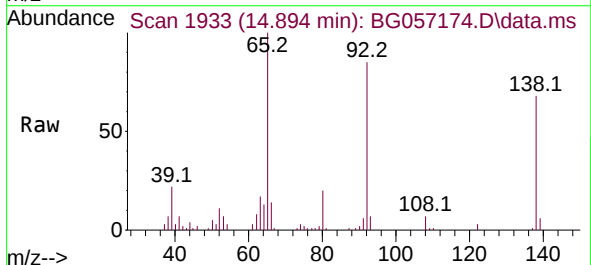
Manual Integrations
APPROVED

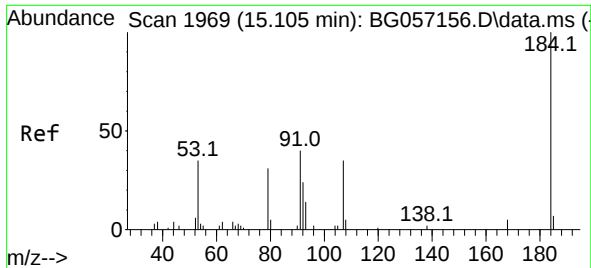
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#53
3-Nitroaniline
Concen: 36.413 ng
RT: 14.894 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

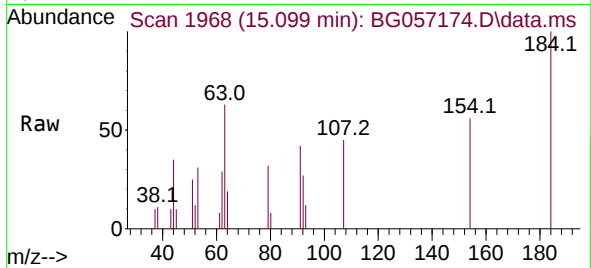
Tgt Ion:138 Resp: 25253
Ion Ratio Lower Upper
138 100
108 9.7 8.8 13.2
92 124.0 101.4 152.2





#54
2,4-Dinitrophenol
Concen: 14.607 ng
RT: 15.099 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

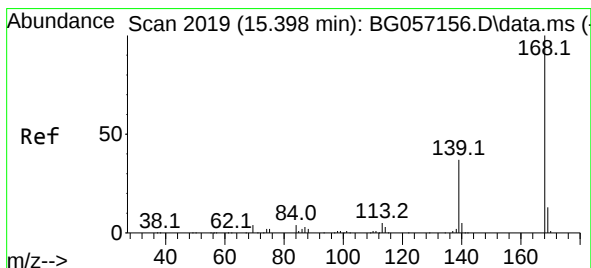
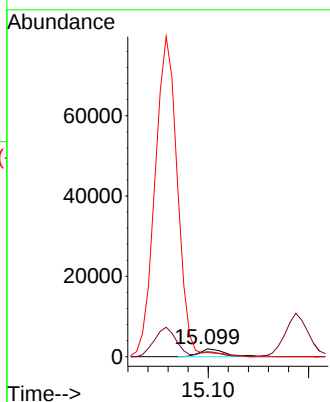
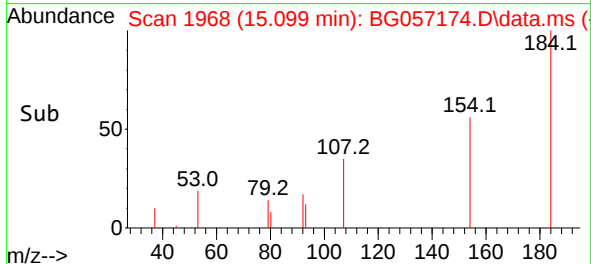
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



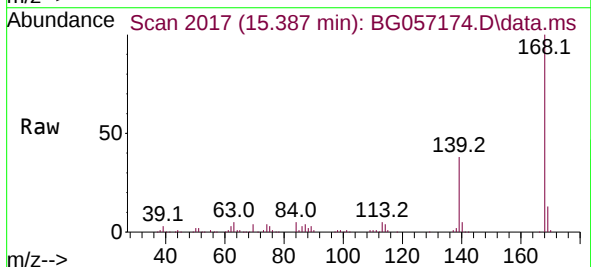
Tgt Ion:184 Resp: 3508
Ion Ratio Lower Upper
184 100
63 62.9 43.4 65.0
154 55.8 45.2 67.8

Manual Integrations
APPROVED

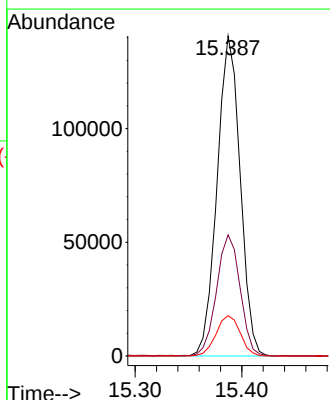
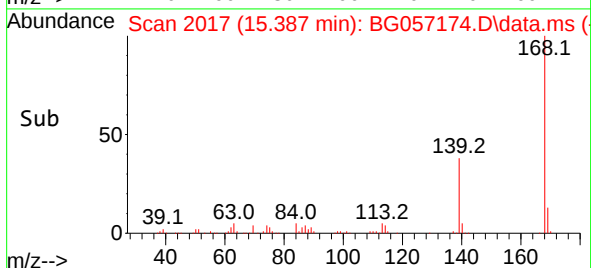
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

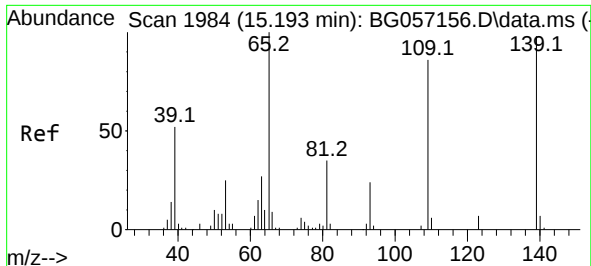


#55
Dibenzofuran
Concen: 46.861 ng
RT: 15.387 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



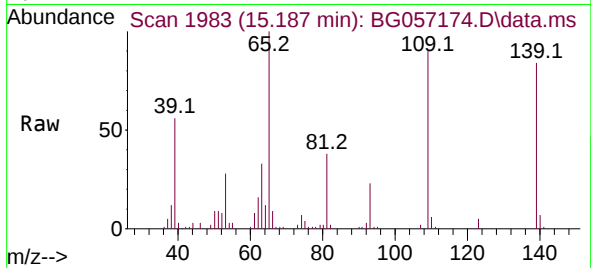
Tgt Ion:168 Resp: 211213
Ion Ratio Lower Upper
168 100
139 37.9 29.2 43.8
169 12.6 10.6 15.8





#56
4-Nitrophenol
Concen: 102.596 ng
RT: 15.187 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

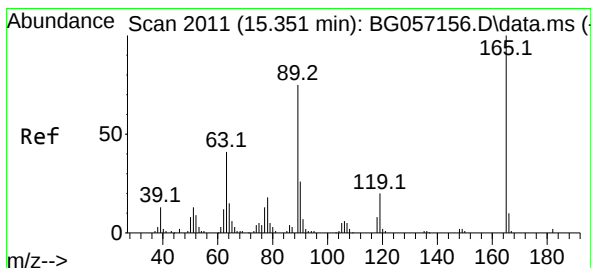
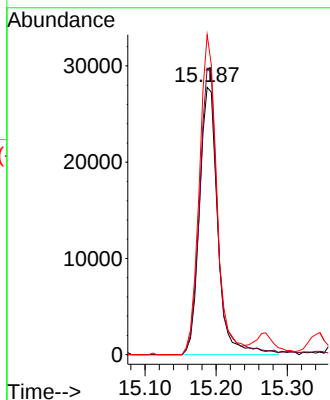
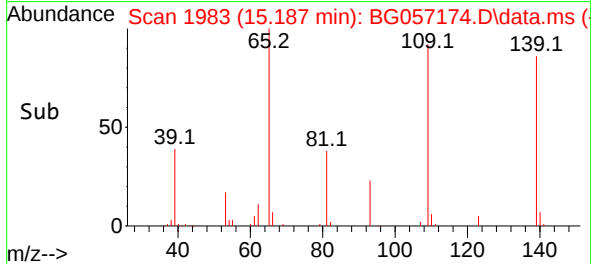
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:139 Resp: 5008
Ion Ratio Lower Upper
139 100
109 107.1 67.3 107.3
65 119.7 82.0 122.0

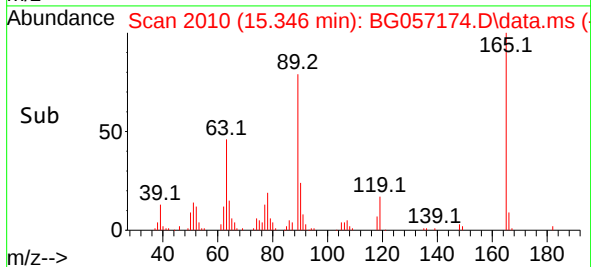
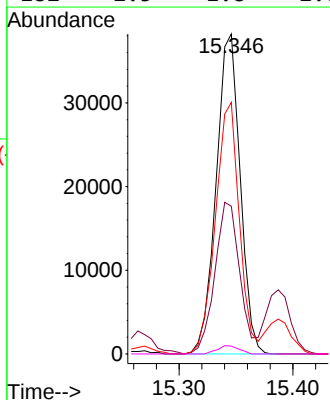
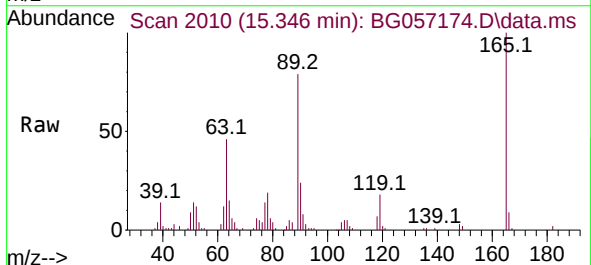
Manual Integrations
APPROVED

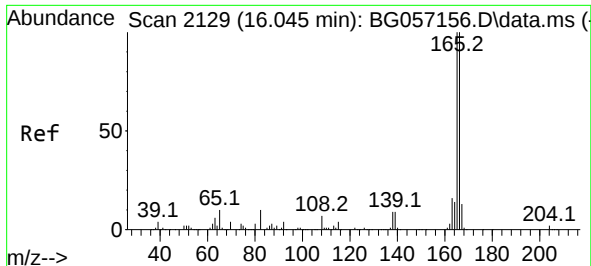
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#57
2,4-Dinitrotoluene
Concen: 59.019 ng
RT: 15.346 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

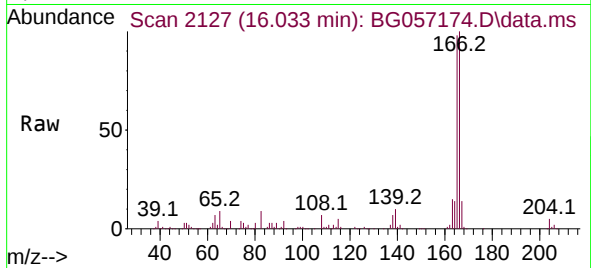
Tgt Ion:165 Resp: 56133
Ion Ratio Lower Upper
165 100
63 46.2 33.0 49.4
89 78.6 60.0 90.0
182 2.5 1.8 2.6





#58
Fluorene
Concen: 49.734 ng
RT: 16.033 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

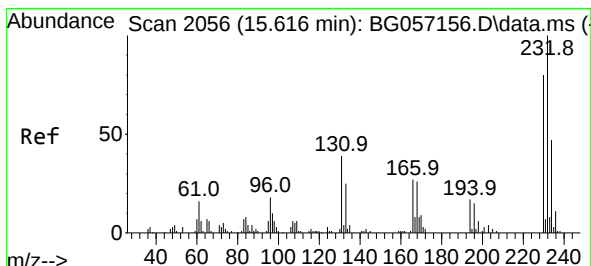
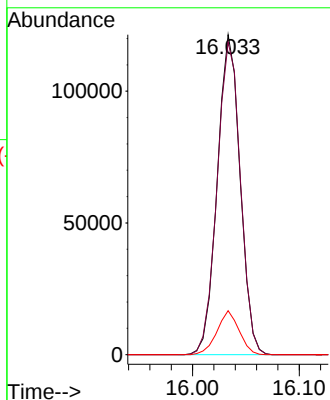
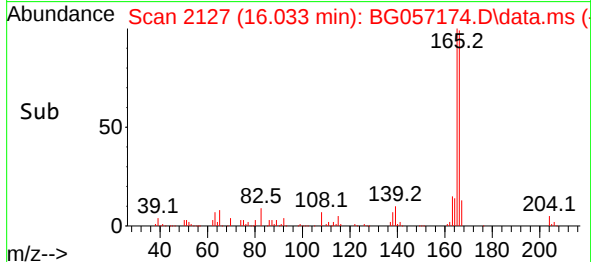
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



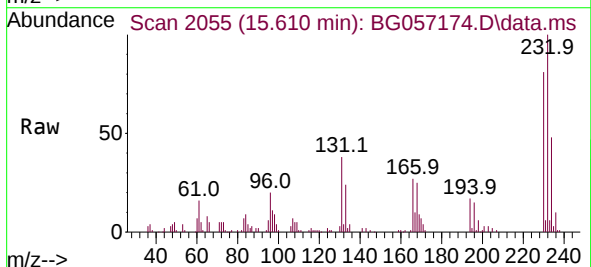
Tgt Ion:166 Resp: 180474
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.6
167 13.7 10.7 16.1

Manual Integrations
APPROVED

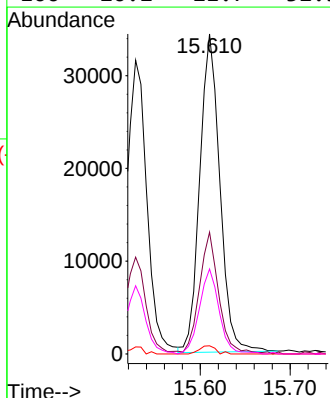
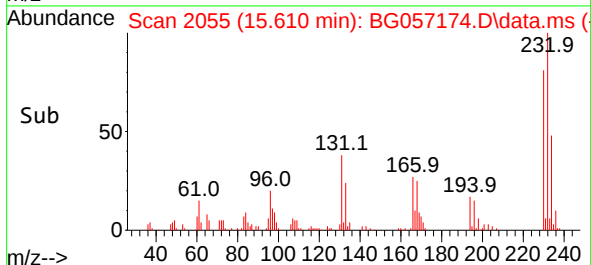
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

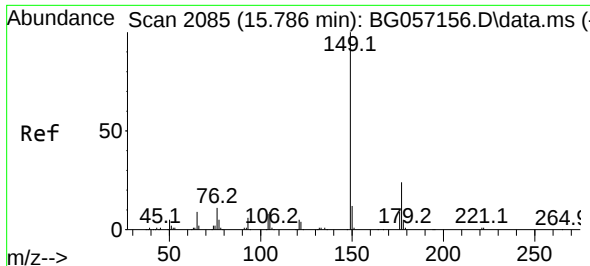


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.634 ng
RT: 15.610 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



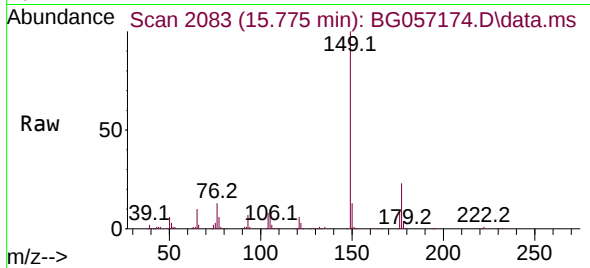
Tgt Ion:232 Resp: 53357
Ion Ratio Lower Upper
232 100
131 37.3 30.8 46.2
130 2.1 1.6 2.4
166 26.2 21.7 32.5





#60
Diethylphthalate
Concen: 57.207 ng
RT: 15.775 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

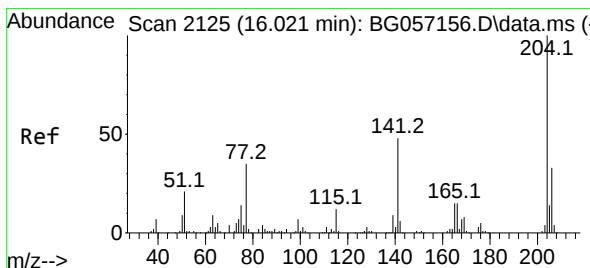
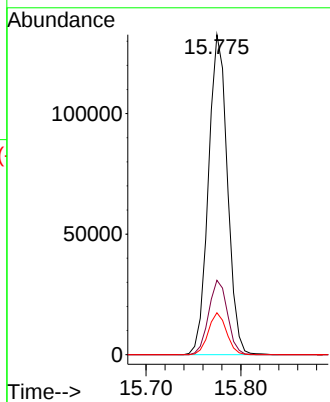
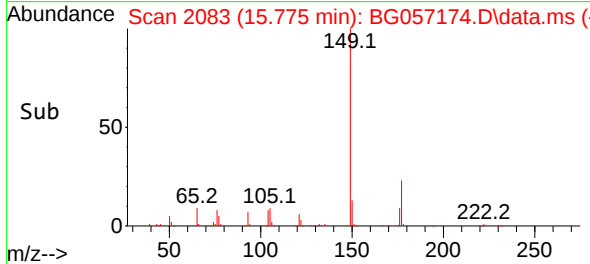
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



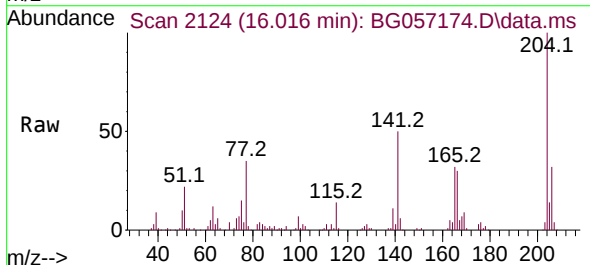
Tgt Ion:149 Resp: 184504
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 13.1 9.8 14.8

Manual Integrations
APPROVED

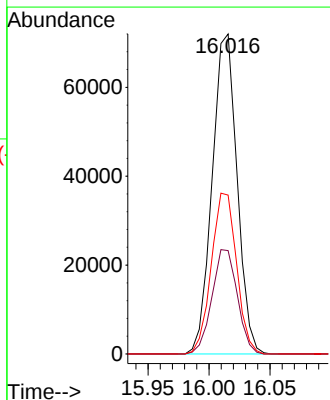
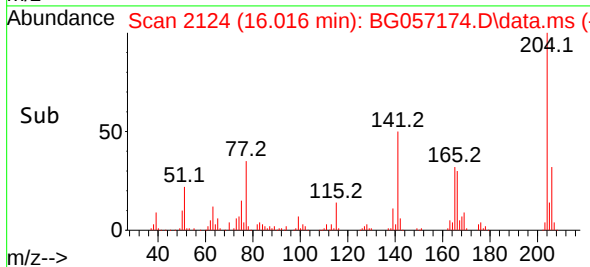
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

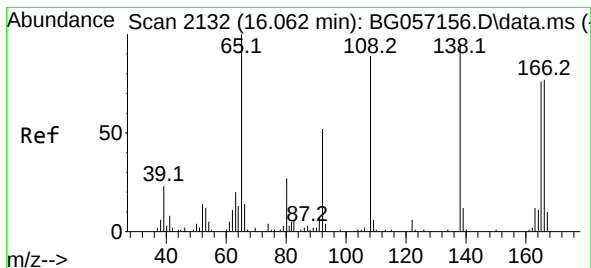


#61
4-Chlorophenyl-phenylether
Concen: 46.938 ng
RT: 16.016 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



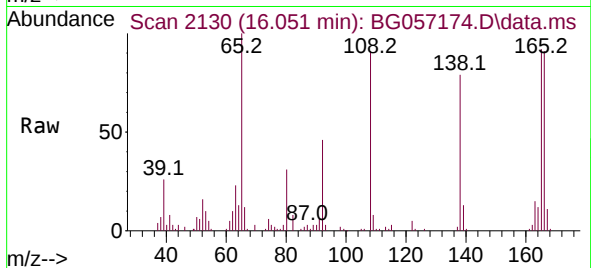
Tgt Ion:204 Resp: 102229
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 49.6 38.6 57.8





#62
4-Nitroaniline
Concen: 56.744 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

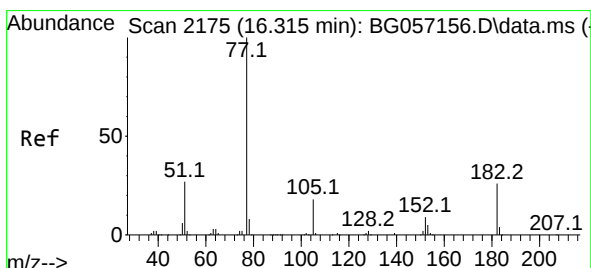
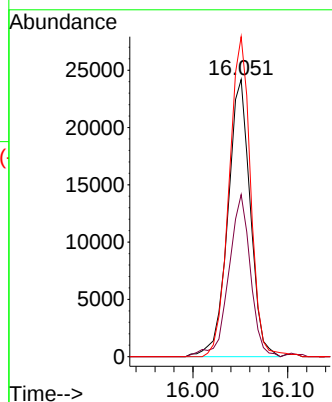
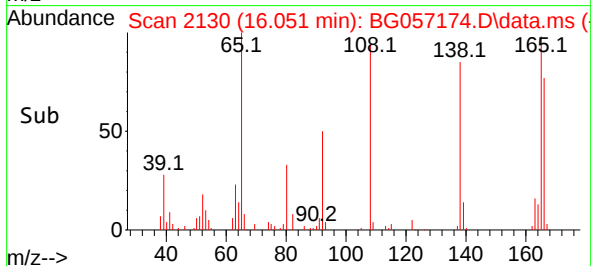
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



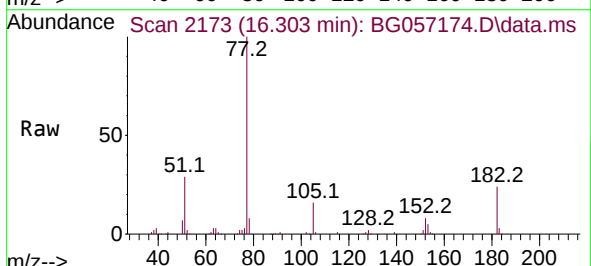
Tgt Ion:138 Resp: 39620
Ion Ratio Lower Upper
138 100
92 58.5 34.9 74.9
108 115.5 73.0 113.0

Manual Integrations
APPROVED

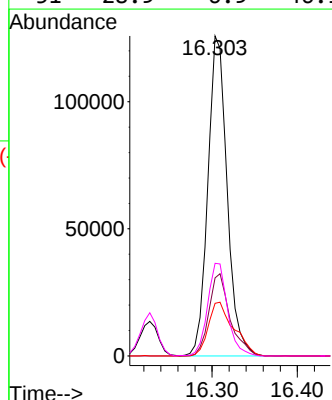
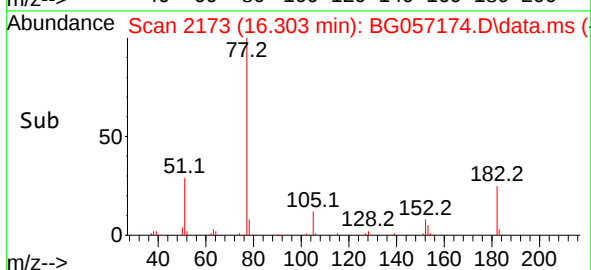
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

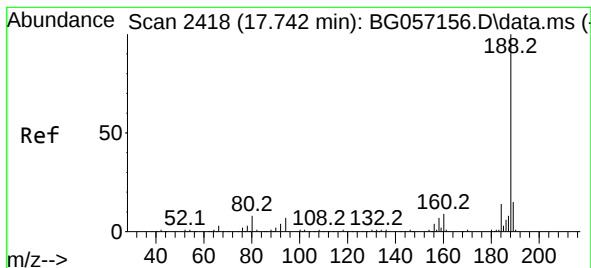


#63
Azobenzene
Concen: 57.596 ng
RT: 16.303 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



Tgt Ion: 77 Resp: 197606
Ion Ratio Lower Upper
77 100
182 24.4 6.1 46.1
105 16.4 0.0 38.4
51 28.9 6.9 46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.731 min Scan# 2418

Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18MSD

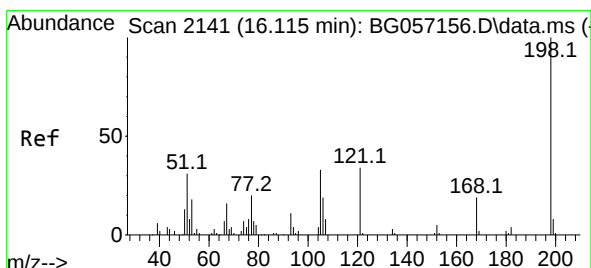
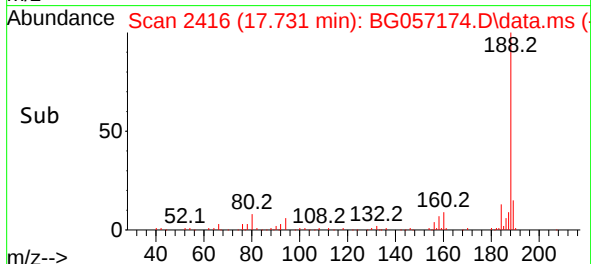
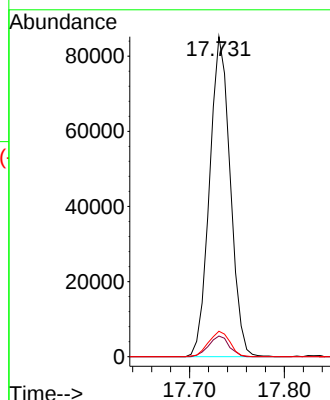
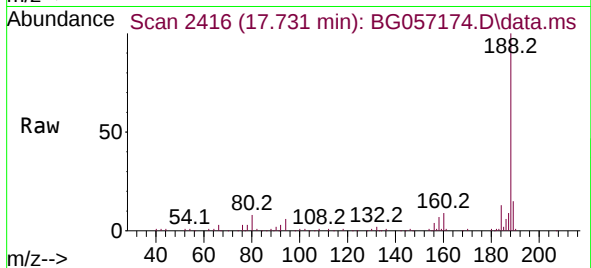
Tgt Ion:188	Resp:	129118
Ion Ratio	Lower	Upper
188	100	
94	6.4	5.4 8.0
80	8.0	6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#65

4,6-Dinitro-2-methylphenol

Concen: 14.971 ng

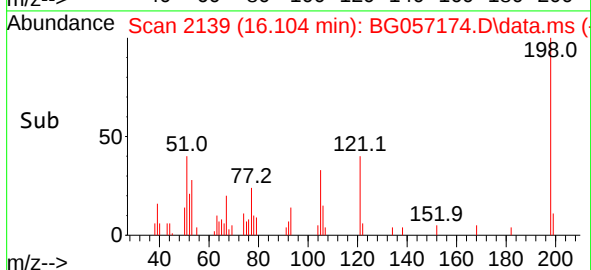
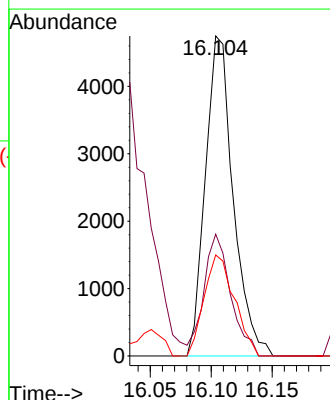
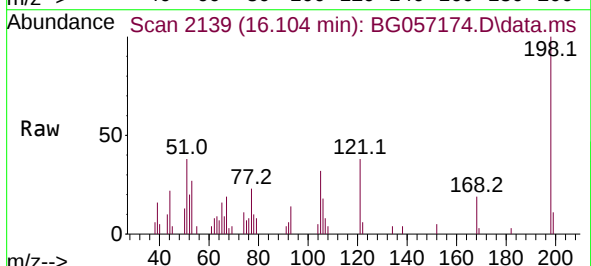
RT: 16.104 min Scan# 2139

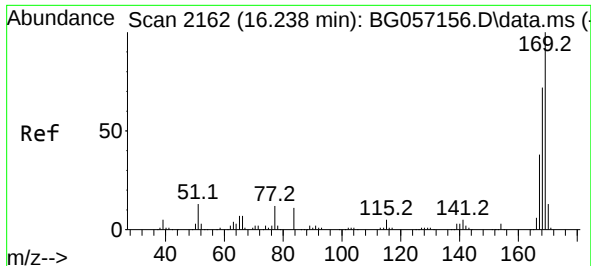
Delta R.T. -0.011 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

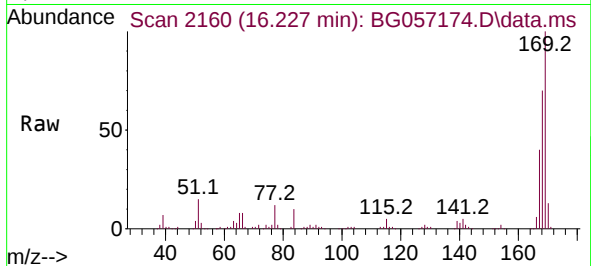
Tgt Ion:198	Resp:	7529
Ion Ratio	Lower	Upper
198	100	
51	38.1	13.1 53.1
105	31.6	14.1 54.1





#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 16.227 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

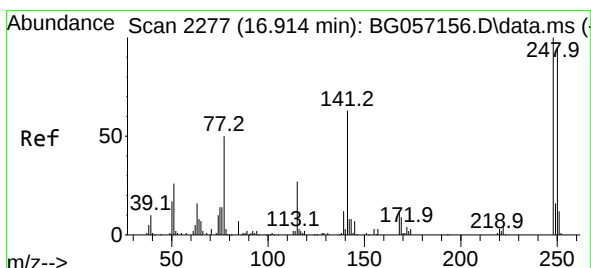
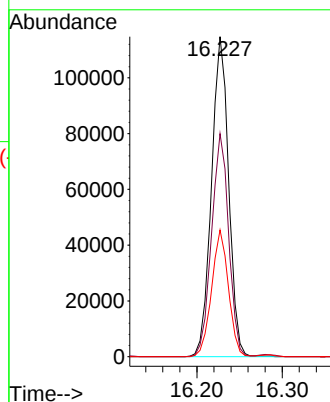
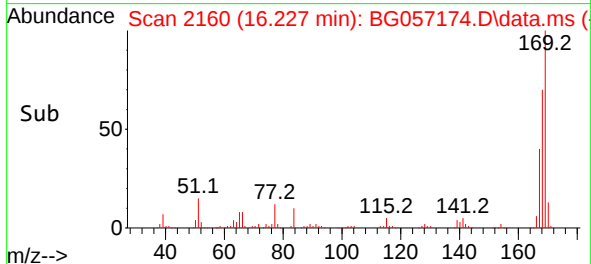
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:169 Resp: 16073
Ion Ratio Lower Upper
169 100
168 69.7 57.8 86.6
167 39.6 30.5 45.7

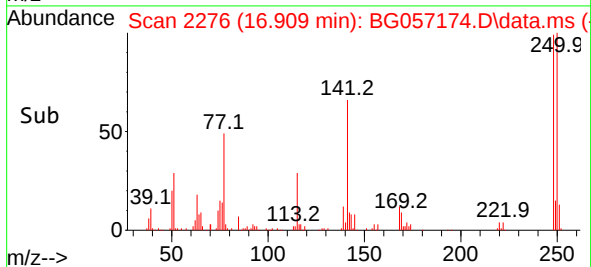
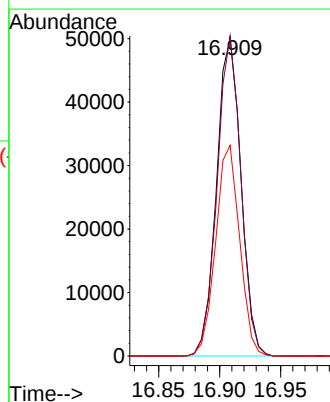
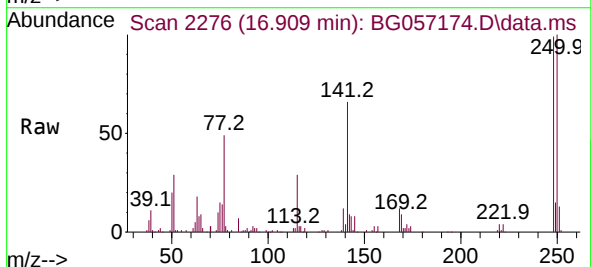
Manual Integrations
APPROVED

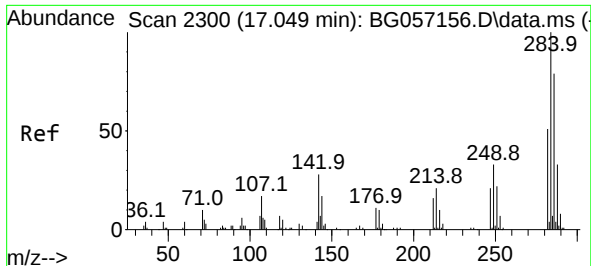
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#67
4-Bromophenyl-phenylether
Concen: 44.934 ng
RT: 16.909 min Scan# 2276
Delta R.T. -0.005 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

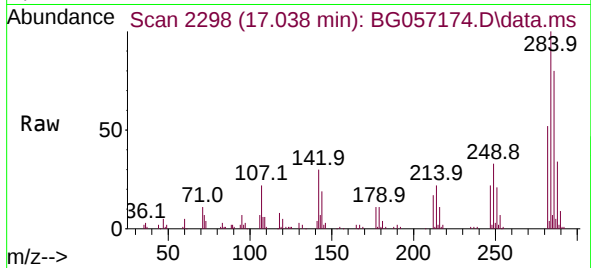
Tgt Ion:248 Resp: 69772
Ion Ratio Lower Upper
248 100
250 100.6 75.8 113.8
141 66.3 50.1 75.1





#68
Hexachlorobenzene
Concen: 46.308 ng
RT: 17.038 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

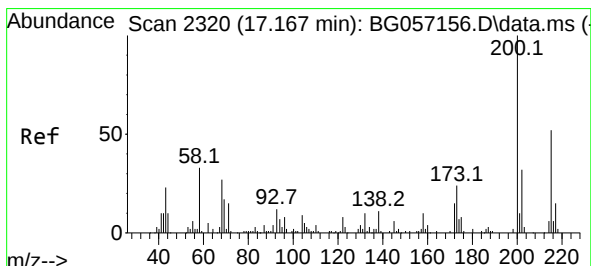
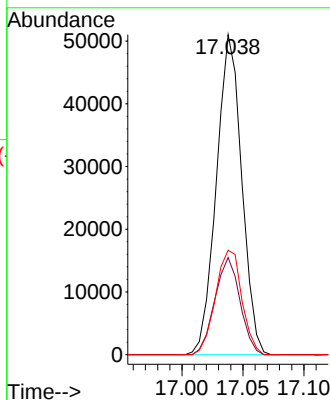
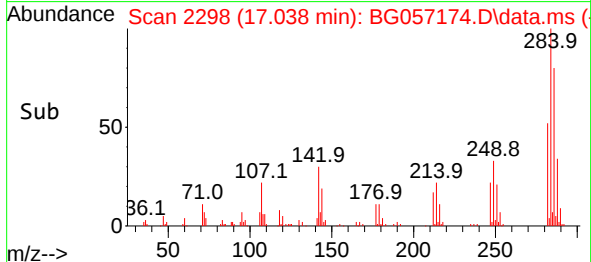
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:284 Resp: 7375
Ion Ratio Lower Upper
284 100
142 30.4 22.6 33.8
249 32.7 26.6 40.0

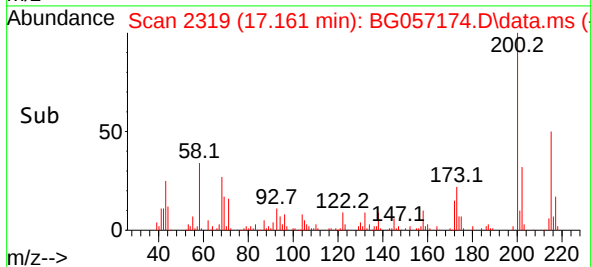
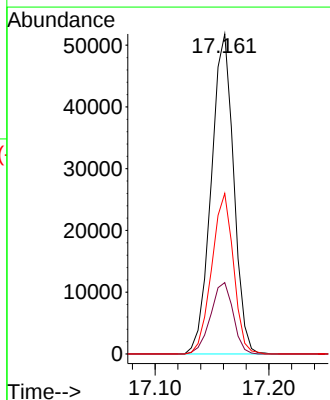
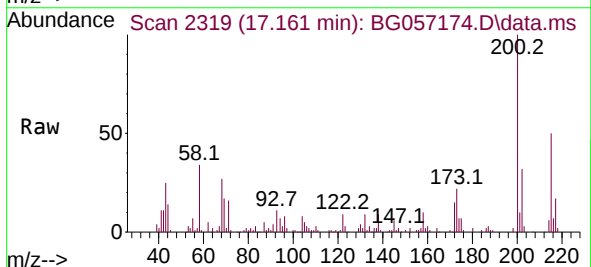
Manual Integrations
APPROVED

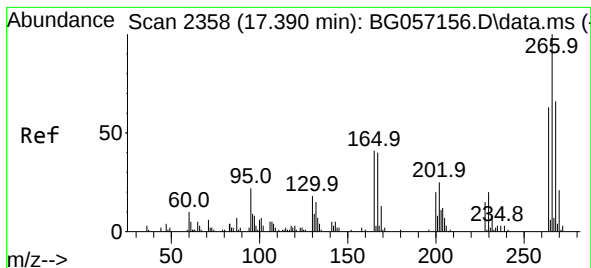
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#69
Atrazine
Concen: 65.951 ng
RT: 17.161 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

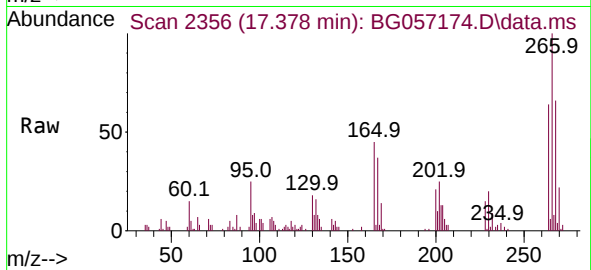
Tgt Ion:200 Resp: 70968
Ion Ratio Lower Upper
200 100
173 22.3 4.2 44.2
215 50.2 31.8 71.8





#70
Pentachlorophenol
Concen: 43.617 ng
RT: 17.378 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

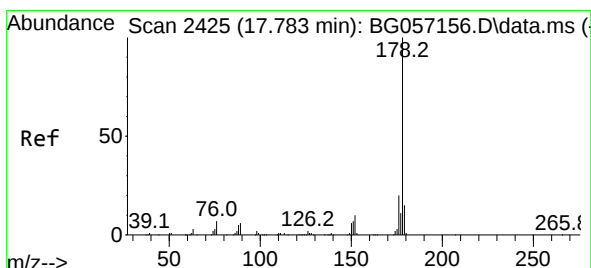
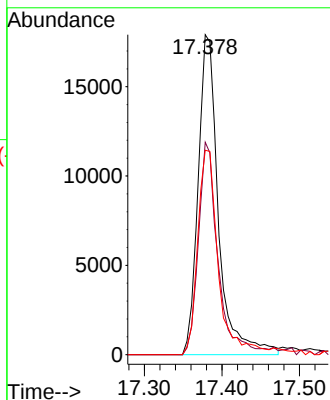
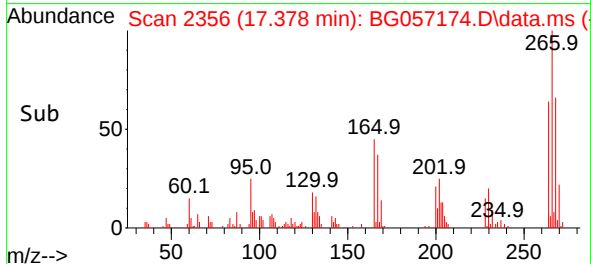
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



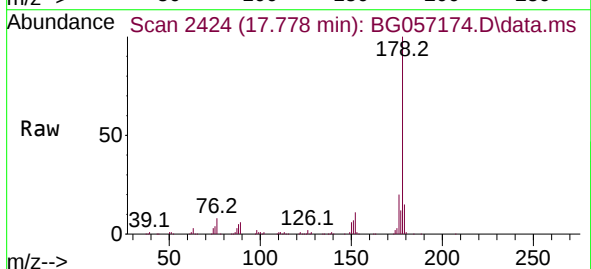
Tgt Ion:266 Resp: 32640
Ion Ratio Lower Upper
266 100
268 66.4 52.5 78.7
264 63.9 50.7 76.1

Manual Integrations
APPROVED

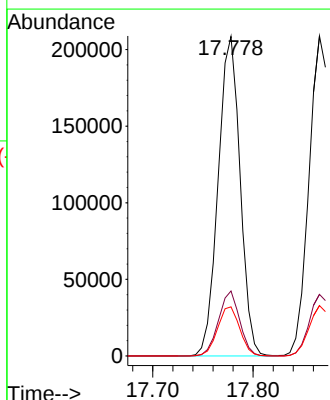
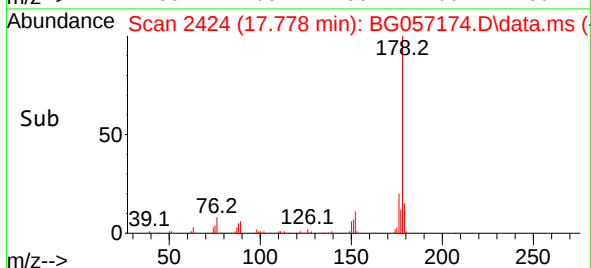
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

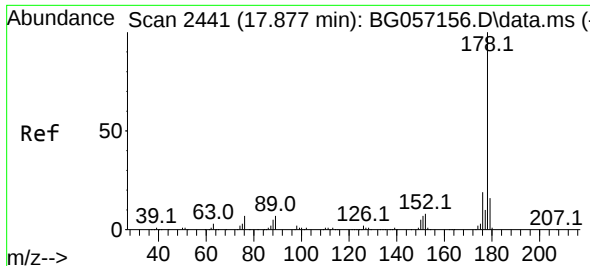


#71
Phenanthrene
Concen: 48.014 ng
RT: 17.778 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



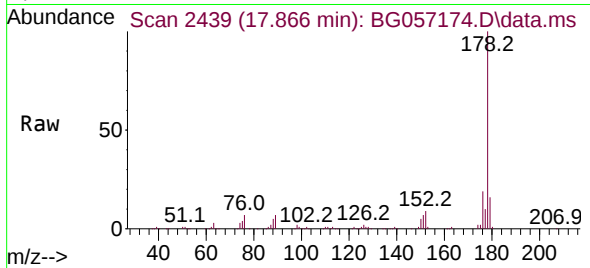
Tgt Ion:178 Resp: 316489
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 48.105 ng
 RT: 17.866 min Scan# 2441
 Delta R.T. -0.011 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16

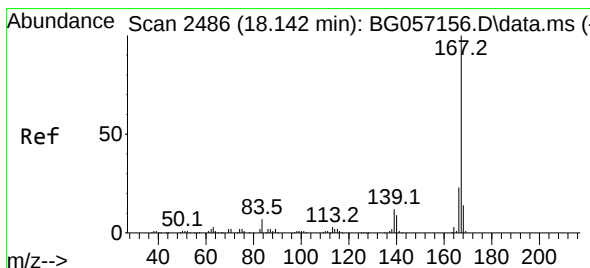
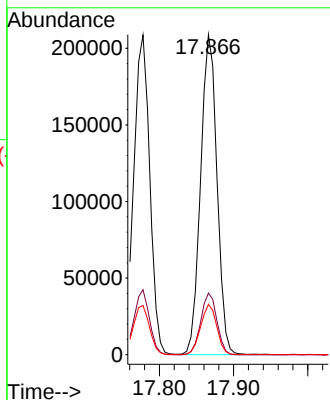
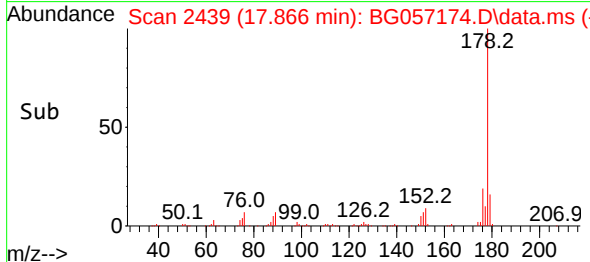
Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD



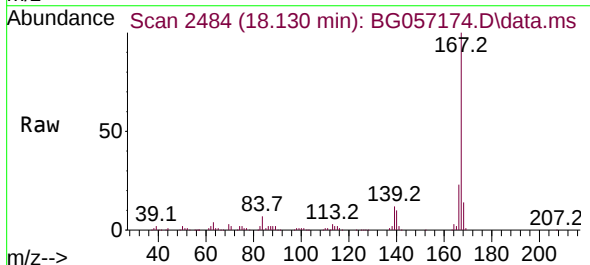
Tgt Ion:178 Resp: 320610
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.9 22.3
 179 15.8 12.5 18.7

Manual Integrations
 APPROVED

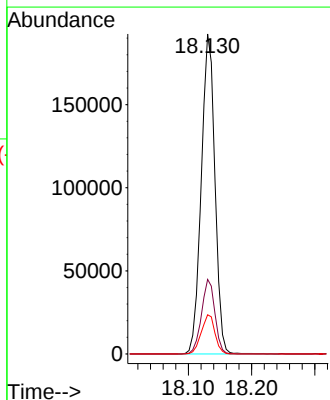
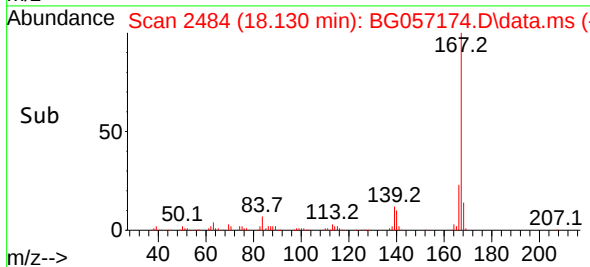
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

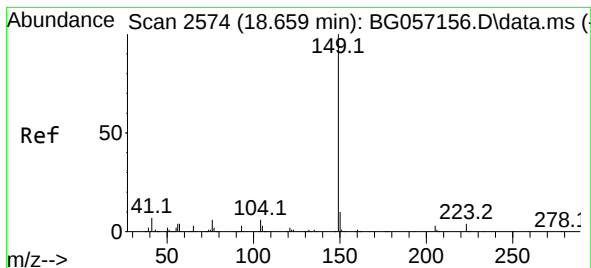


#73
 Carbazole
 Concen: 51.325 ng
 RT: 18.130 min Scan# 2484
 Delta R.T. -0.012 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16



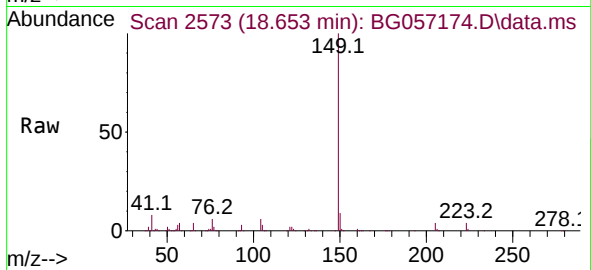
Tgt Ion:167 Resp: 288752
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.3 27.5
 139 12.3 9.6 14.4





#74
Di-n-butylphthalate
Concen: 57.434 ng
RT: 18.653 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

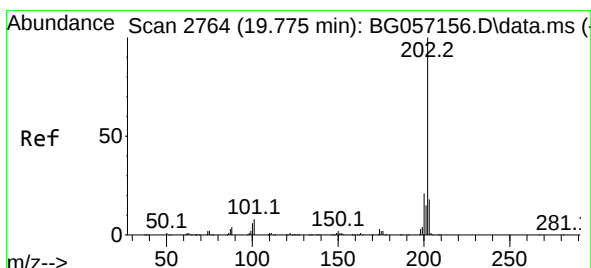
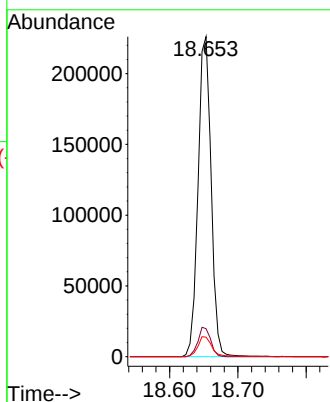
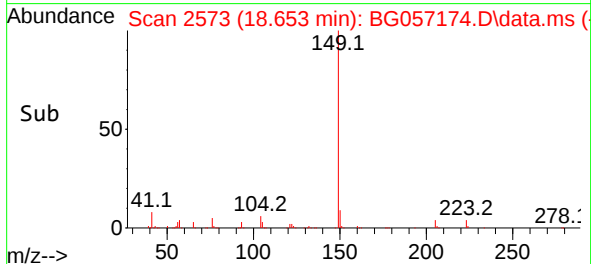
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



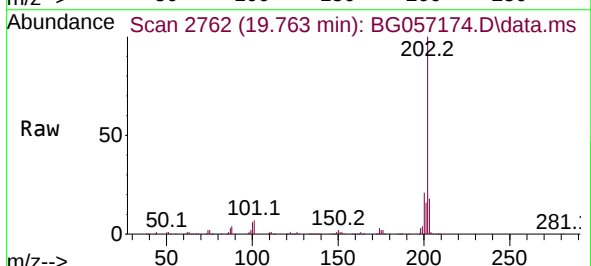
Tgt Ion:149 Resp: 300560
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 6.1 4.7 7.1

Manual Integrations
APPROVED

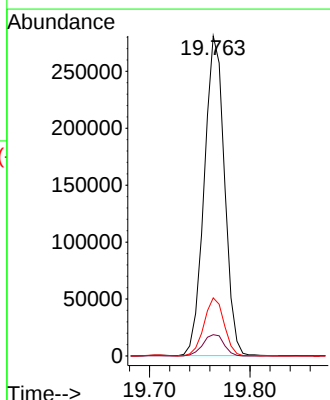
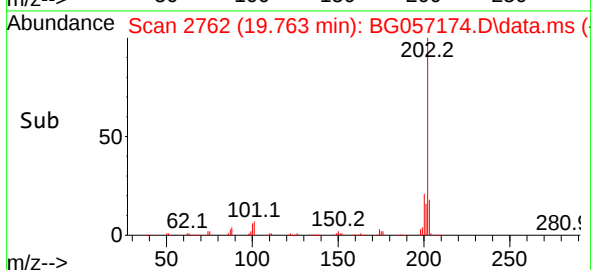
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

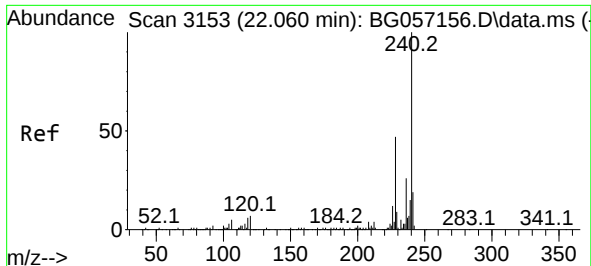


#75
Fluoranthene
Concen: 48.078 ng
RT: 19.763 min Scan# 2762
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



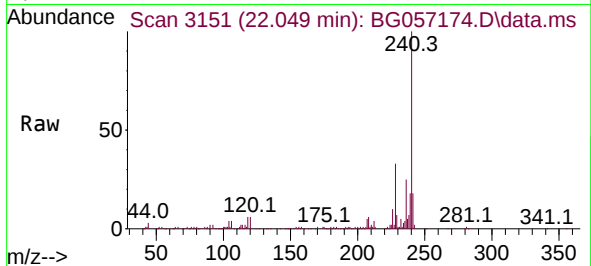
Tgt Ion:202 Resp: 393724
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.6
203 18.1 0.0 38.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

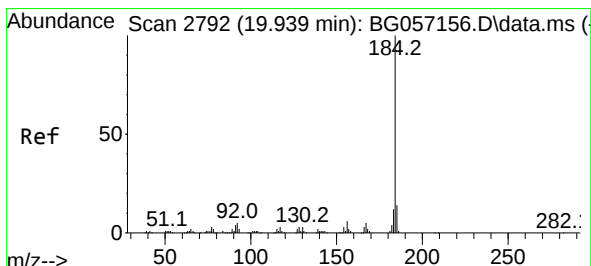
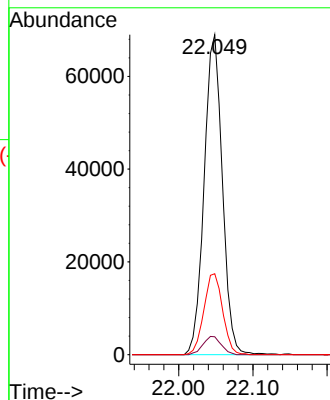
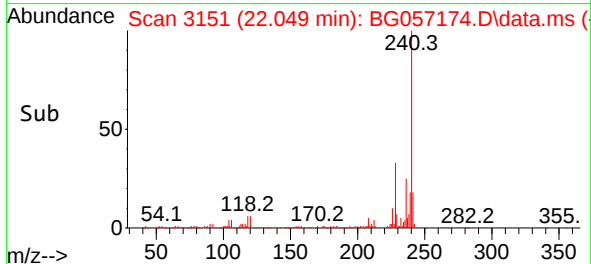
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:240 Resp: 117452
Ion Ratio Lower Upper
240 100
120 5.6 5.5 8.3
236 25.3 20.8 31.2

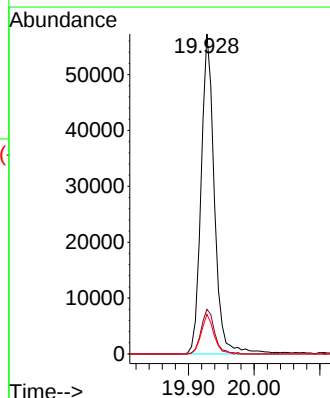
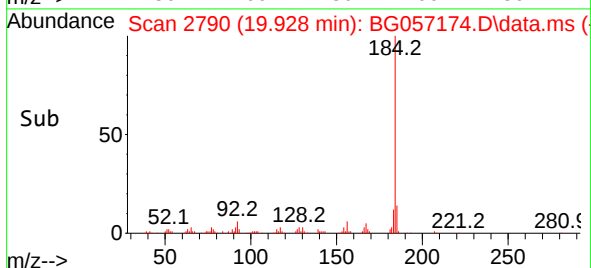
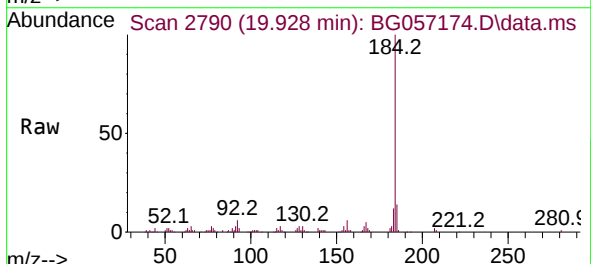
Manual Integrations
APPROVED

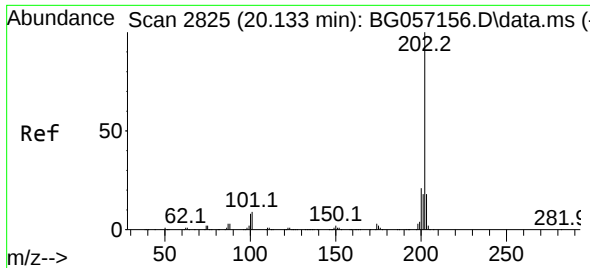
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#77
Benzidine
Concen: 45.641 ng
RT: 19.928 min Scan# 2790
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

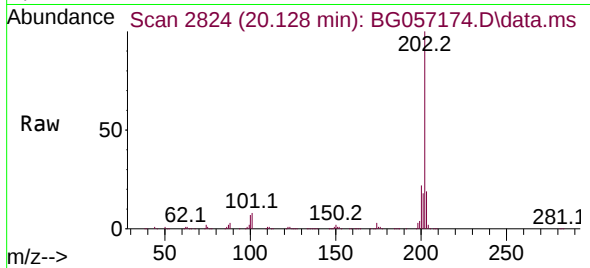
Tgt Ion:184 Resp: 80777
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.4 9.4 14.0





#78
 Pyrene
 Concen: 50.139 ng
 RT: 20.128 min Scan# 2825
 Delta R.T. -0.006 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16

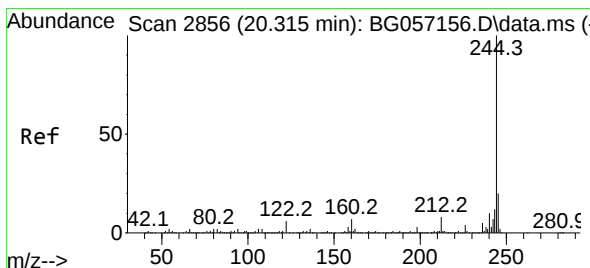
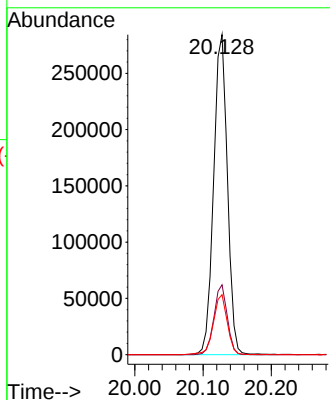
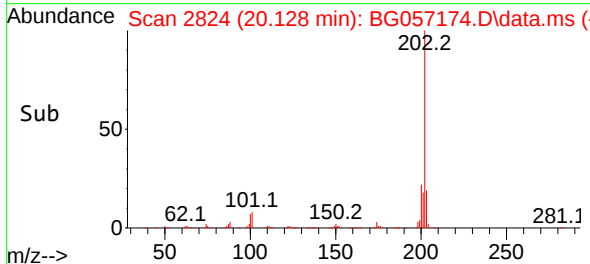
Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD



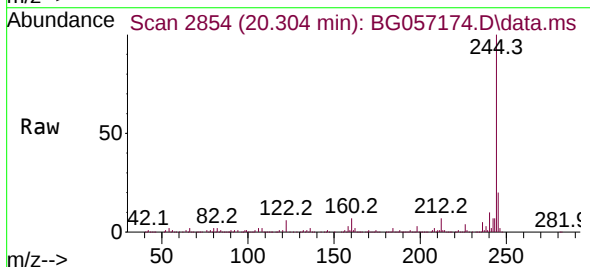
Tgt Ion:202 Resp: 399823
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.0 25.4
 203 18.8 14.7 22.1

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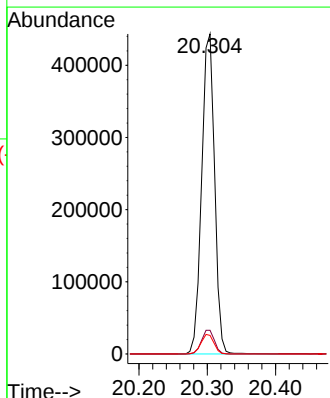
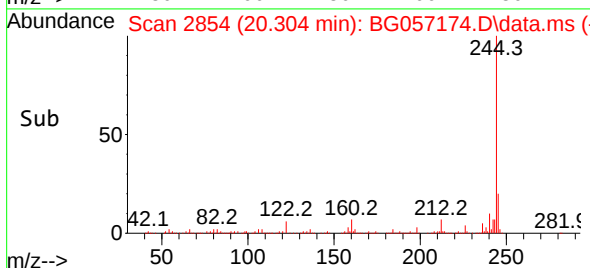
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

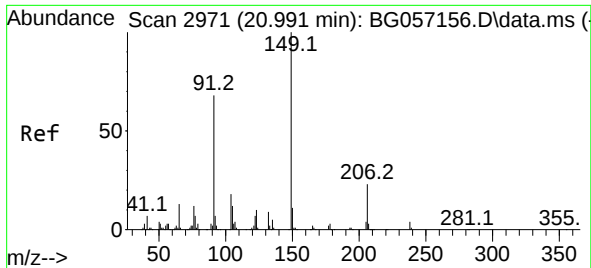


#79
 Terphenyl-d14
 Concen: 87.042 ng
 RT: 20.304 min Scan# 2854
 Delta R.T. -0.011 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16



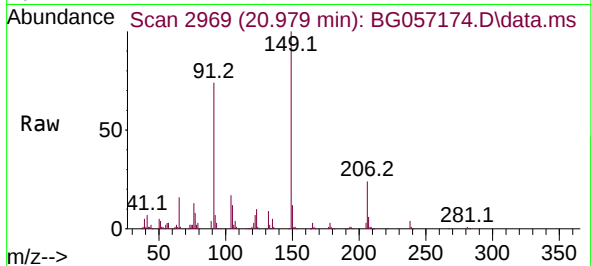
Tgt Ion:244 Resp: 584480
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.8 5.0 7.4





#80
Butylbenzylphthalate
Concen: 53.923 ng
RT: 20.979 min Scan# 2971
Delta R.T. -0.012 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

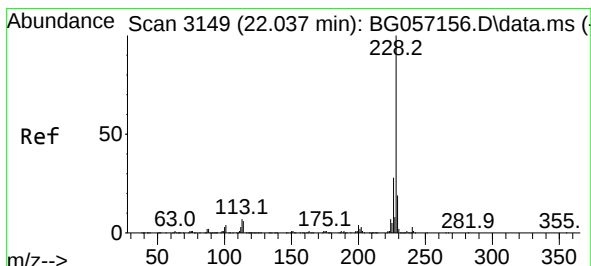
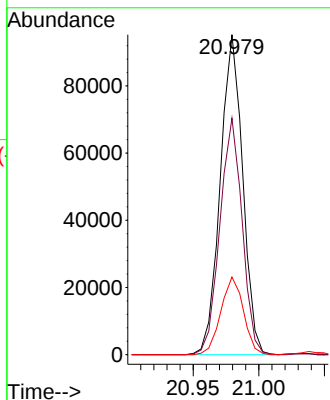
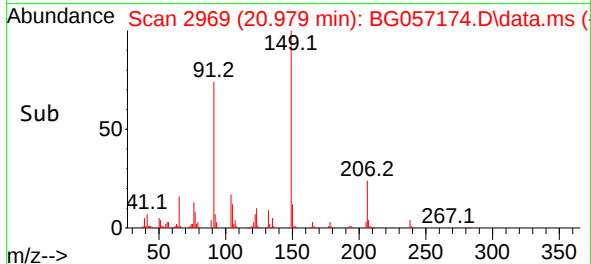
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:149 Resp: 11288
Ion Ratio Lower Upper
149 100
91 73.9 54.1 81.1
206 24.3 18.2 27.2

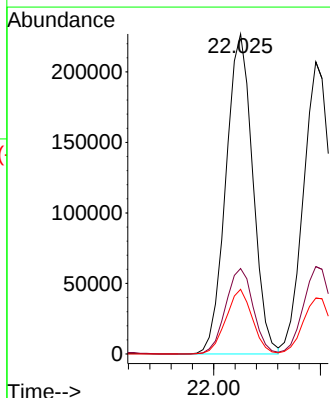
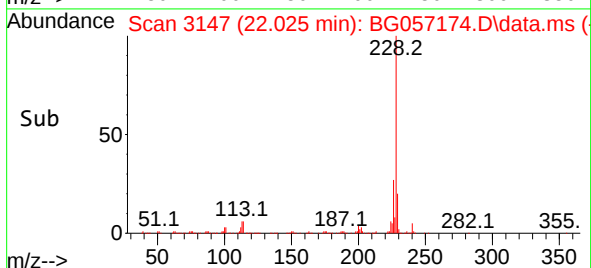
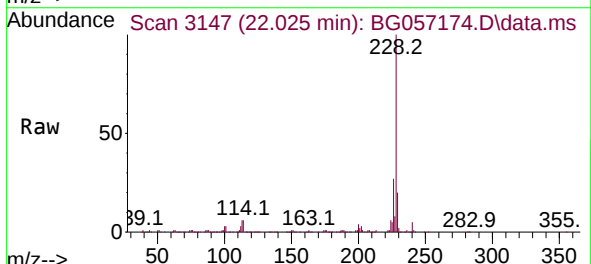
Manual Integrations
APPROVED

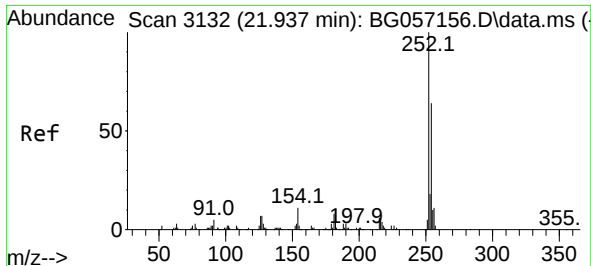
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#81
Benzo(a)anthracene
Concen: 49.205 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

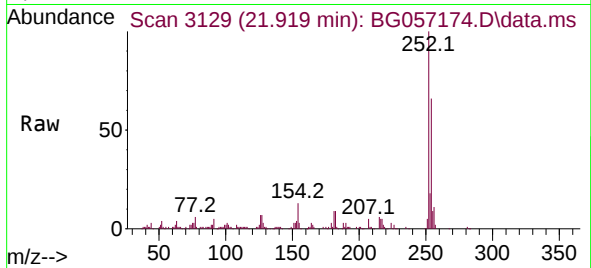
Tgt Ion:228 Resp: 397353
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.4
229 20.2 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 43.690 ng
RT: 21.919 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

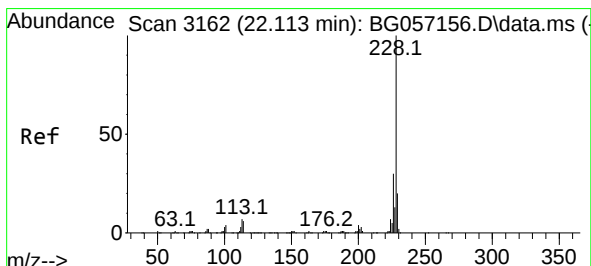
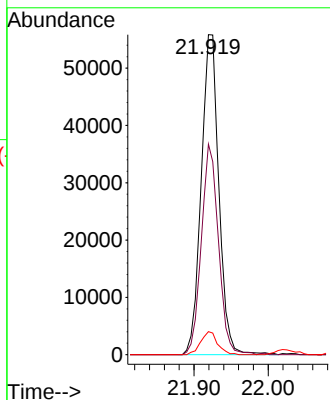
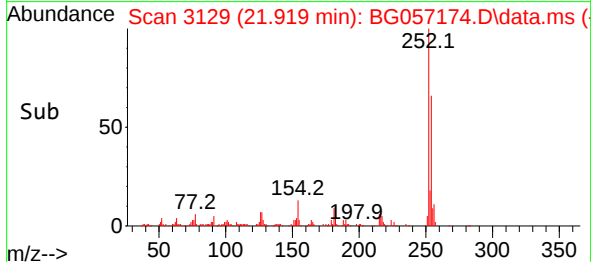
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



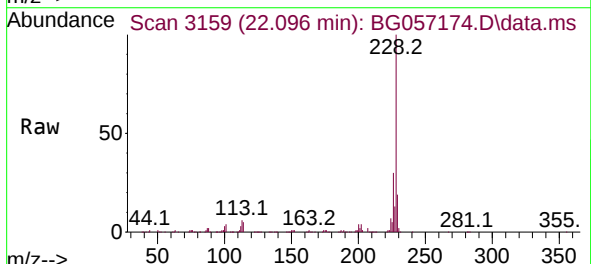
Tgt Ion:252 Resp: 9234
Ion Ratio Lower Upper
252 100
254 65.8 50.9 76.3
126 7.2 5.9 8.9

Manual Integrations
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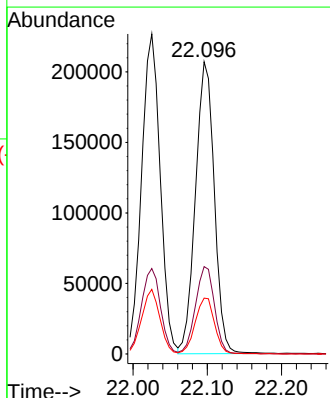
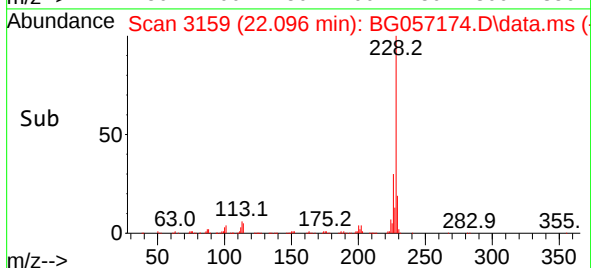
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

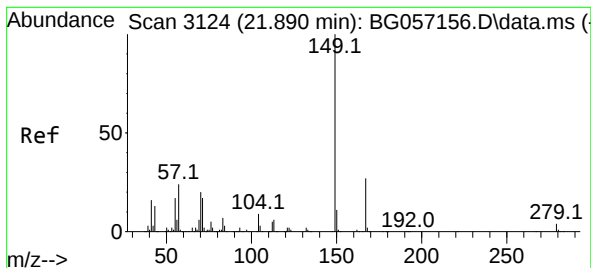


#83
Chrysene
Concen: 46.940 ng
RT: 22.096 min Scan# 3159
Delta R.T. -0.017 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



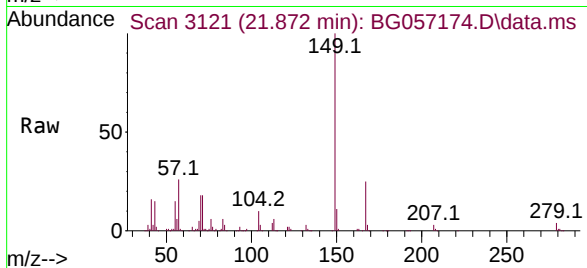
Tgt Ion:228 Resp: 365551
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.1 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 50.991 ng
RT: 21.872 min Scan# 3121
Delta R.T. -0.018 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

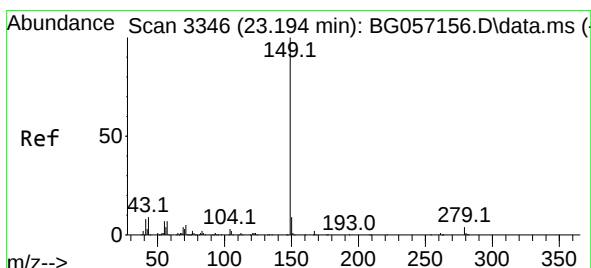
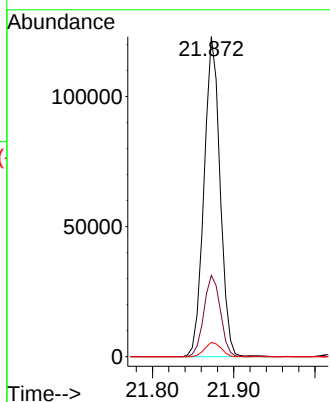
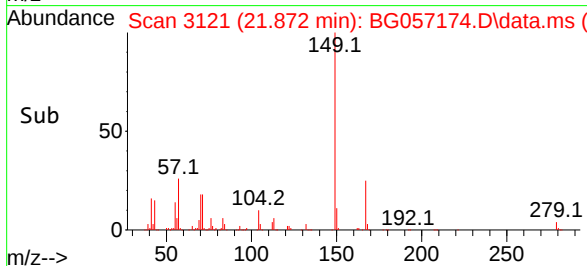
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:149 Resp: 168578
Ion Ratio Lower Upper
149 100
167 25.4 21.9 32.9
279 4.5 3.3 4.9

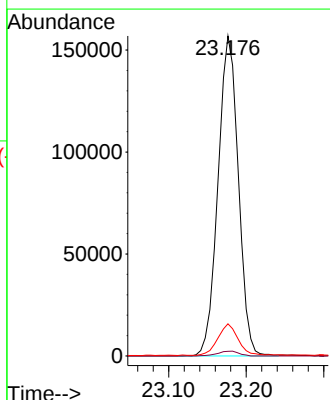
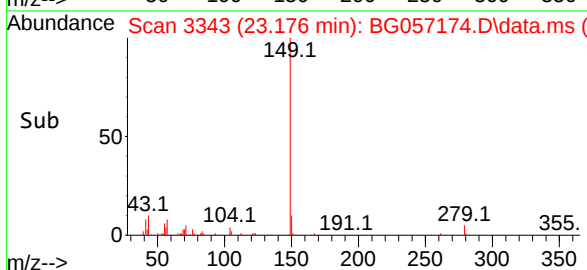
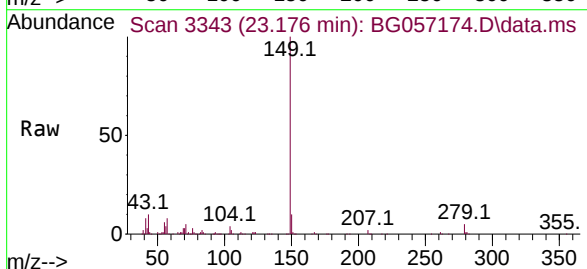
Manual Integrations
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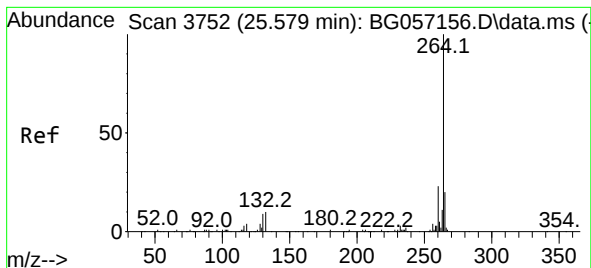
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#85
Di-n-octyl phthalate
Concen: 54.309 ng
RT: 23.176 min Scan# 3343
Delta R.T. -0.018 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

Tgt Ion:149 Resp: 286085
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.561 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

Instrument :

BNA_G

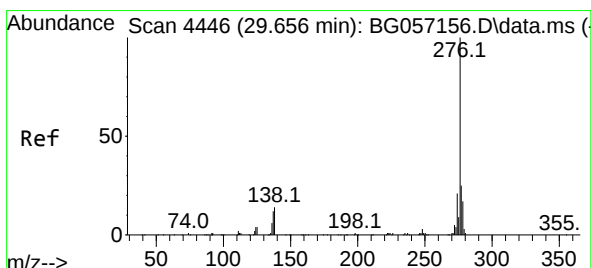
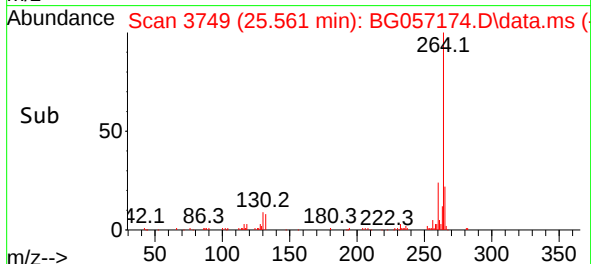
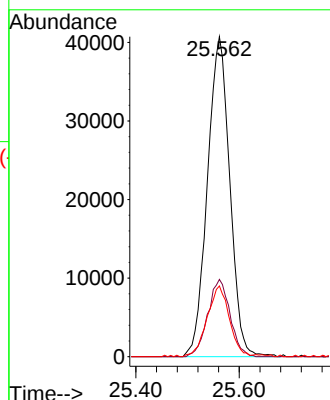
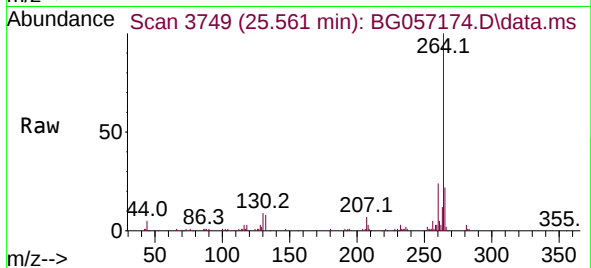
ClientSampleId :

SPD-1WC-23-04-18MSD

Tgt Ion:264 Resp: 122339
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.1 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.959 ng

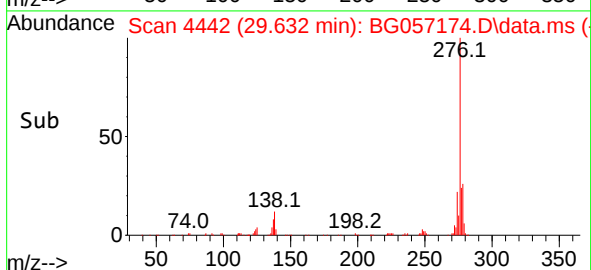
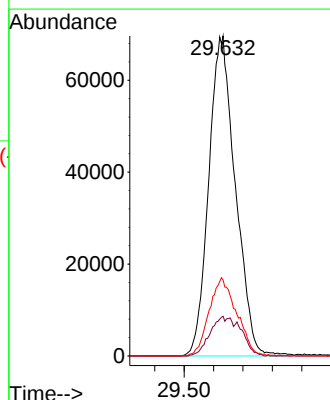
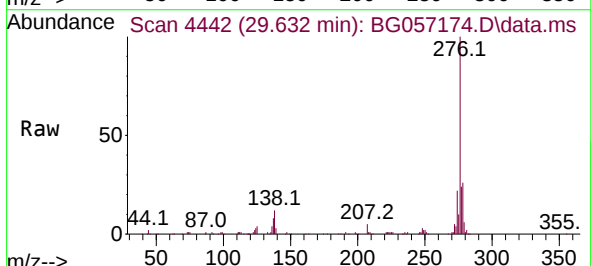
RT: 29.632 min Scan# 4442

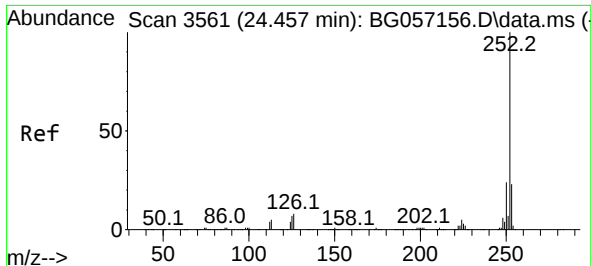
Delta R.T. -0.023 min

Lab File: BG057174.D

Acq: 25 Apr 2023 13:16

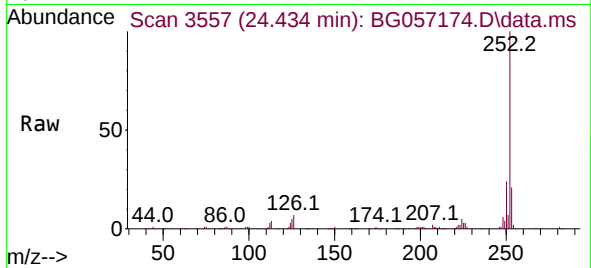
Tgt Ion:276 Resp: 437808
 Ion Ratio Lower Upper
 276 100
 138 7.0 13.8 20.6#
 277 25.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 51.452 ng
RT: 24.434 min Scan# 3557
Delta R.T. -0.023 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

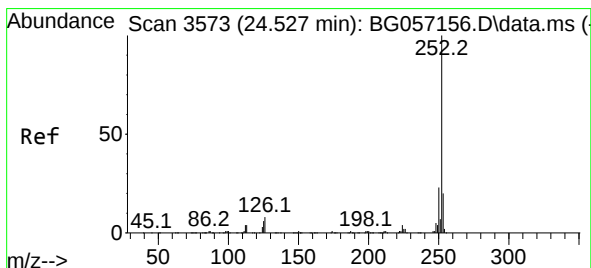
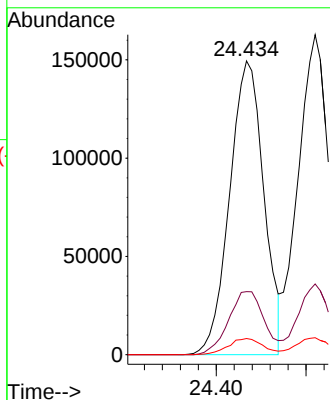
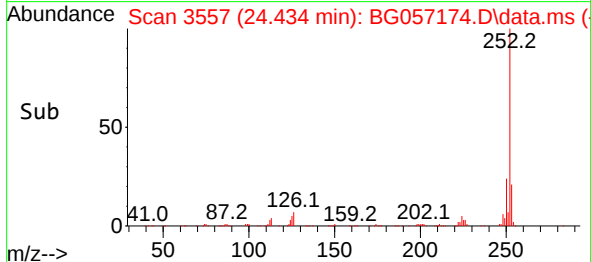
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



Tgt Ion:252 Resp: 394578
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 5.5 5.3 7.9

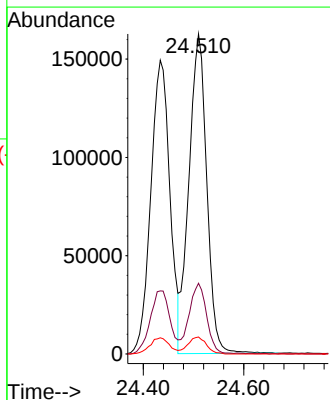
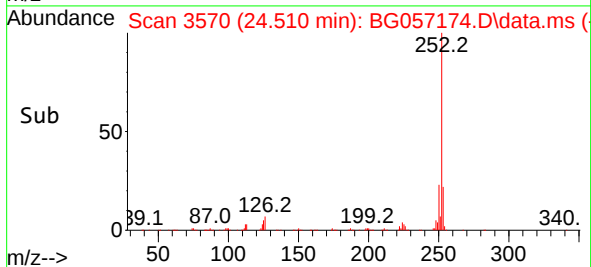
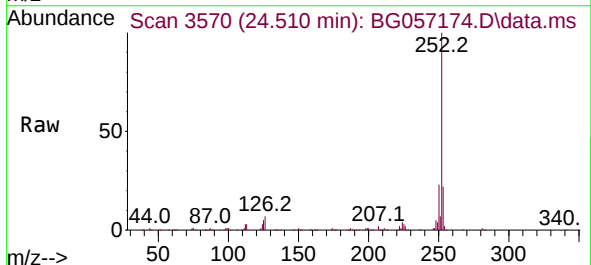
Manual Integrations
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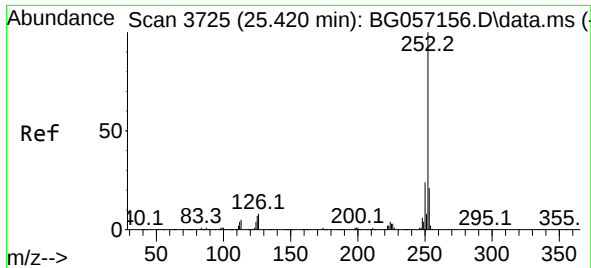
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#89
Benzo(k)fluoranthene
Concen: 50.497 ng
RT: 24.510 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

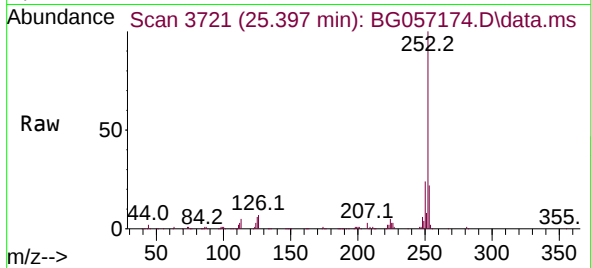
Tgt Ion:252 Resp: 400570
Ion Ratio Lower Upper
252 100
253 22.1 16.7 25.1
125 5.3 5.0 7.6





#90
Benzo(a)pyrene
Concen: 46.360 ng
RT: 25.397 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16

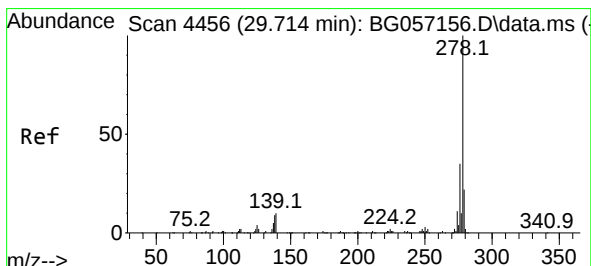
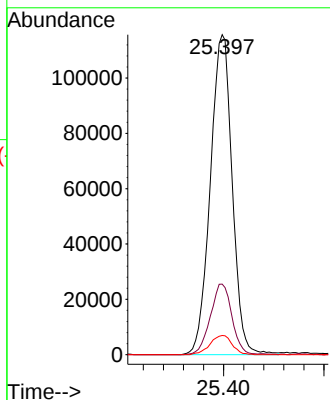
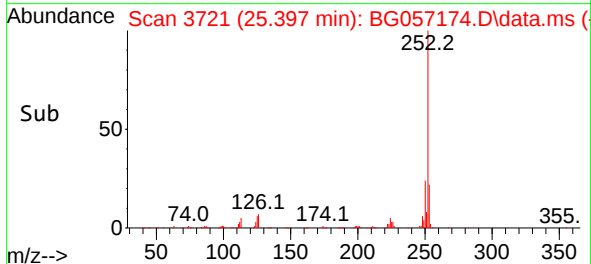
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18MSD



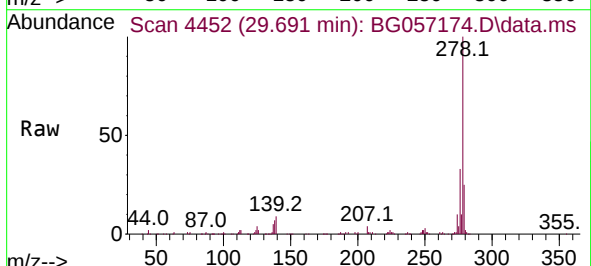
Tgt Ion:252 Resp: 350179
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 6.0 5.8 8.8

Manual Integrations
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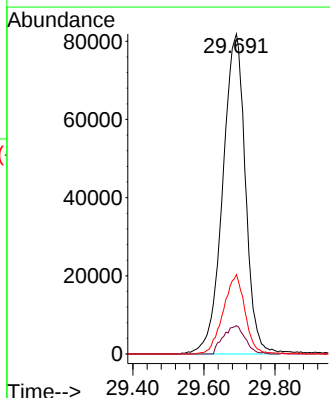
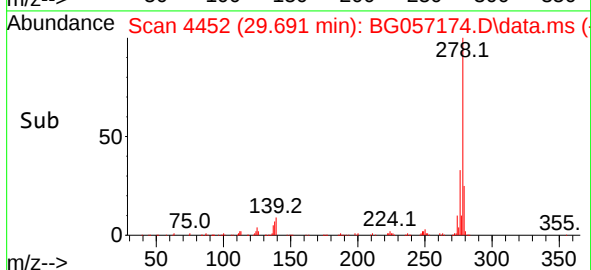
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

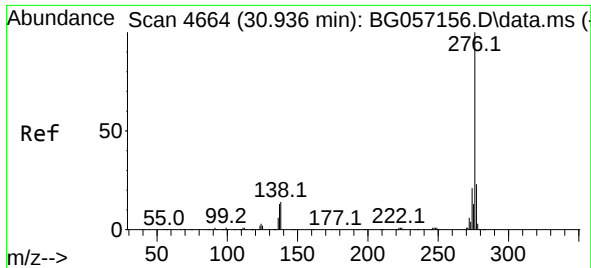


#91
Dibenzo(a,h)anthracene
Concen: 49.786 ng
RT: 29.691 min Scan# 4452
Delta R.T. -0.023 min
Lab File: BG057174.D
Acq: 25 Apr 2023 13:16



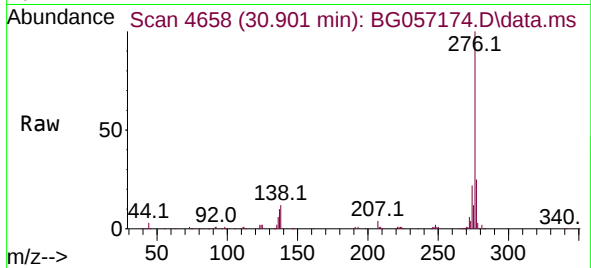
Tgt Ion:278 Resp: 362260
Ion Ratio Lower Upper
278 100
139 8.8 7.9 11.9
279 24.8 17.7 26.5





#92
 Benzo(g,h,i)perylene
 Concen: 48.675 ng
 RT: 30.901 min Scan# 4658
 Delta R.T. -0.035 min
 Lab File: BG057174.D
 Acq: 25 Apr 2023 13:16

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18MSD



Tgt Ion:276 Resp: 350430
 Ion Ratio Lower Upper
 276 100
 277 24.7 18.5 27.7
 138 12.3 11.5 17.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

