

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053648.D
 Acq On : 20 May 2022 17:45
 Operator : CG/JU
 Sample : N2872-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MSD

Quant Time: May 23 01:32:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	31478	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	123986	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	89408	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	201551	20.000	ng	0.00
76) Chrysene-d12	21.724	240	182455	20.000	ng	0.00
86) Perylene-d12	24.990	264	184457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	235607	127.027	ng	0.00
7) Phenol-d6	7.238	99	346185	122.983	ng	0.00
23) Nitrobenzene-d5	9.235	82	235389	80.817	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	147630	111.954	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	495882	81.047	ng	0.00
79) Terphenyl-d14	20.044	244	801821	81.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.507	88	37909	38.954	ng	94
3) Pyridine	3.907	79	91547	38.520	ng	98
4) n-Nitrosodimethylamine	3.825	42	54104	46.733	ng	87
6) Aniline	7.390	93	126551	40.591	ng	96
8) 2-Chlorophenol	7.637	128	106398	54.873	ng	98
9) Benzaldehyde	7.202	77	86925m	48.608	ng	
10) Phenol	7.267	94	147923	53.730	ng	96
11) bis(2-Chloroethyl)ether	7.478	93	103624	50.468	ng	97
12) 1,3-Dichlorobenzene	7.954	146	113682	49.698	ng	94
13) 1,4-Dichlorobenzene	8.101	146	113626	49.225	ng	95
14) 1,2-Dichlorobenzene	8.424	146	109836	50.672	ng	95
15) Benzyl Alcohol	8.307	79	113685	48.307	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.595	45	169025	50.579	ng	99
17) 2-Methylphenol	8.518	107	98417	52.890	ng	96
18) Hexachloroethane	9.153	117	43554	49.687	ng	96
19) n-Nitroso-di-n-propyla...	8.871	70	96400	47.731	ng	98
20) 3+4-Methylphenols	8.847	107	134251	51.085	ng	98
22) Acetophenone	8.894	105	168636	49.696	ng	97
24) Nitrobenzene	9.276	77	145148	51.488	ng	96
25) Isophorone	9.799	82	260709	53.186	ng	99
26) 2-Nitrophenol	9.993	139	60477	52.968	ng	92
27) 2,4-Dimethylphenol	10.051	122	105653	61.487	ng	94
28) bis(2-Chloroethoxy)met...	10.275	93	140974	50.005	ng	98
29) 2,4-Dichlorophenol	10.533	162	112318	54.160	ng	93
30) 1,2,4-Trichlorobenzene	10.745	180	117361	49.809	ng	99
31) Naphthalene	10.927	128	325468	51.605	ng	99
32) Benzoic acid	10.233	122	50112m	46.893	ng	
33) 4-Chloroaniline	11.038	127	45513	17.231	ng	97
34) Hexachlorobutadiene	11.214	225	82905	47.450	ng	95
35) Caprolactam	11.814	113	35356m	46.915	ng	
36) 4-Chloro-3-methylphenol	12.166	107	125624	50.642	ng	96
37) 2-Methylnaphthalene	12.530	142	233631	49.638	ng	99
38) 1-Methylnaphthalene	12.748	142	224415	48.870	ng	100
40) 1,2,4,5-Tetrachloroben...	12.900	216	144211	51.170	ng	98
41) Hexachlorocyclopentadiene	12.877	237	135345	113.716	ng	97
43) 2,4,6-Trichlorophenol	13.141	196	95466	51.894	ng	95

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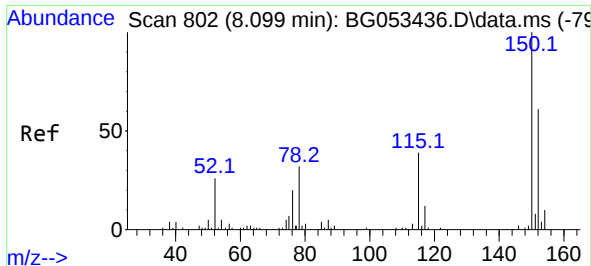
Manual Integrations
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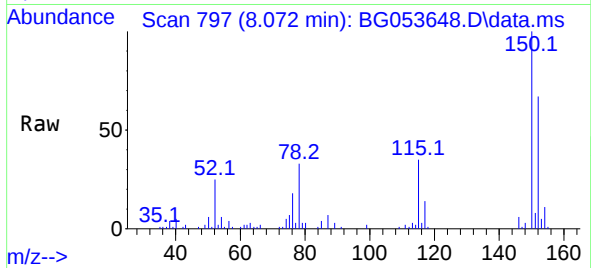
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.224	196	104512	53.380	ng	97
46) 1,1'-Biphenyl	13.529	154	317683	52.127	ng	99
47) 2-Chloronaphthalene	13.576	162	247482	51.831	ng	100
48) 2-Nitroaniline	13.782	65	93185	52.375	ng	96
49) Acenaphthylene	14.422	152	410958	53.936	ng	99
50) Dimethylphthalate	14.146	163	322550	47.475	ng	100
51) 2,6-Dinitrotoluene	14.269	165	70830	51.171	ng	99
52) Acenaphthene	14.763	154	229963	50.644	ng	98
53) 3-Nitroaniline	14.604	138	50030	33.451	ng	94
54) 2,4-Dinitrophenol	14.816	184	82384	92.689	ng	98
55) Dibenzofuran	15.097	168	389243	47.724	ng	98
56) 4-Nitrophenol	14.927	139	107286	100.433	ng	94
57) 2,4-Dinitrotoluene	15.062	165	97653	48.671	ng	92
58) Fluorene	15.744	166	319579	48.827	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.327	232	94179	47.409	ng	98
60) Diethylphthalate	15.503	149	329705	46.979	ng	97
61) 4-Chlorophenyl-phenyle...	15.726	204	171953	47.081	ng	97
62) 4-Nitroaniline	15.767	138	73982	47.692	ng	89
63) Azobenzene	16.026	77	342915	47.716	ng	97
65) 4,6-Dinitro-2-methylph...	15.832	198	59094	49.204	ng	98
66) n-Nitrosodiphenylamine	15.943	169	278061	52.546	ng	99
67) 4-Bromophenyl-phenylether	16.625	248	119285	50.676	ng	97
68) Hexachlorobenzene	16.754	284	128369	49.795	ng	100
69) Atrazine	16.889	200	113349	50.881	ng	99
70) Pentachlorophenol	17.101	266	133722	95.372	ng	96
71) Phenanthrene	17.482	178	514367	50.190	ng	97
72) Anthracene	17.576	178	517490	51.372	ng	100
73) Carbazole	17.847	167	468974	47.503	ng	99
74) Di-n-butylphthalate	18.393	149	541430	48.763	ng	99
75) Fluoranthene	19.492	202	610869	46.034	ng	97
77) Benzidine	19.668	184	188644	47.970	ng	99
78) Pyrene	19.856	202	608691	51.535	ng	99
80) Butylbenzylphthalate	20.725	149	234593	54.165	ng	93
81) Benzo(a)anthracene	21.706	228	589317	50.640	ng	99
82) 3,3'-Dichlorobenzidine	21.612	252	126084	42.724	ng	96
83) Chrysene	21.771	228	540332	49.714	ng	98
84) Bis(2-ethylhexyl)phtha...	21.589	149	330161	55.230	ng	97
85) Di-n-octyl phthalate	22.811	149	556780	55.080	ng	99
87) Indeno(1,2,3-cd)pyrene	28.750	276	639336	49.765	ng	# 98
88) Benzo(b)fluoranthene	23.956	252	580453	53.163	ng	# 99
89) Benzo(k)fluoranthene	24.021	252	570292	53.154	ng	98
90) Benzo(a)pyrene	24.837	252	558895	60.141	ng	# 99
91) Dibenzo(a,h)anthracene	28.791	278	559363	52.840	ng	97
92) Benzo(g,h,i)perylene	29.913	276	547532	52.180	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

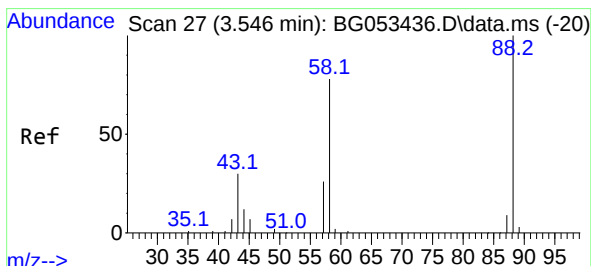
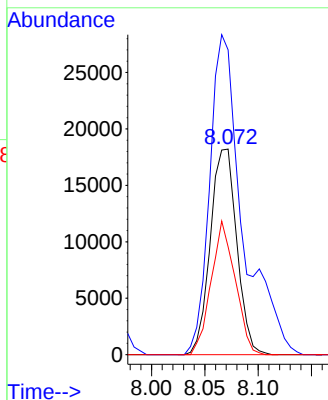
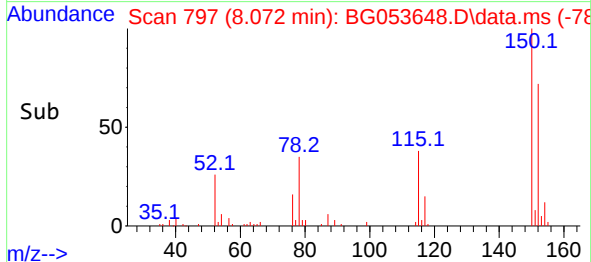
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:152 Resp: 31478
Ion Ratio Lower Upper
152 100
150 148.3 131.6 197.4
115 52.5 50.9 76.3

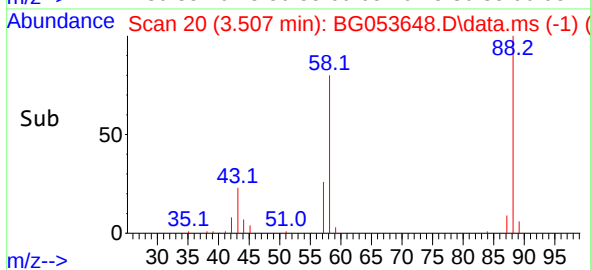
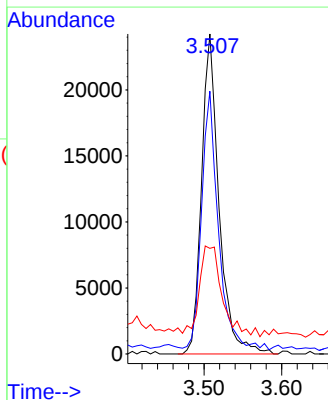
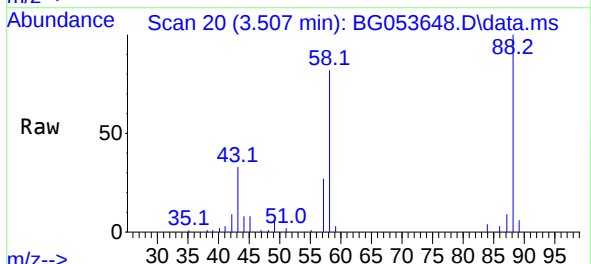
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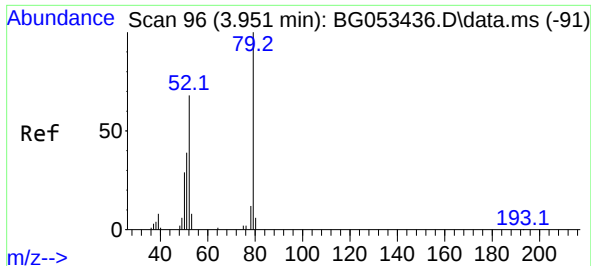
Reviewed By :Christian Giraldo 05/23/2022
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#2
1,4-Dioxane
Concen: 38.954 ng
RT: 3.507 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

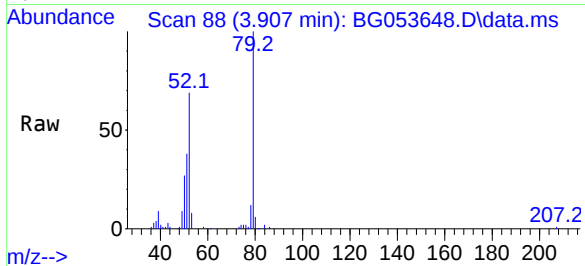
Tgt Ion: 88 Resp: 37909
Ion Ratio Lower Upper
88 100
58 78.1 59.2 88.8
43 34.7 24.3 36.5





#3
Pyridine
Concen: 38.520 ng
RT: 3.907 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

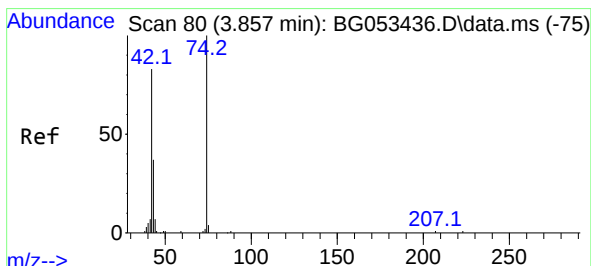
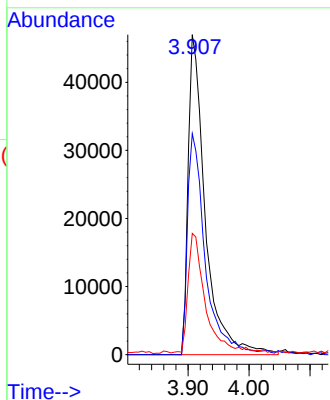
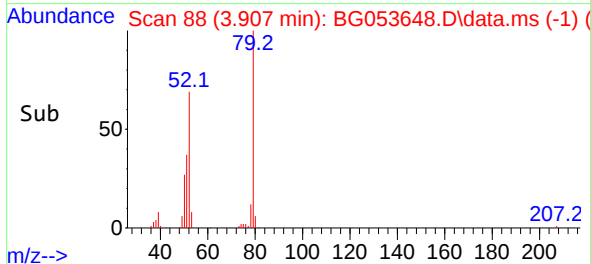
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion: 79 Resp: 9154
Ion Ratio Lower Upper
79 100
52 69.0 54.6 81.8
51 37.9 32.5 48.7

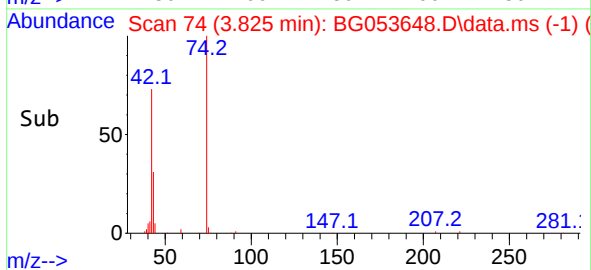
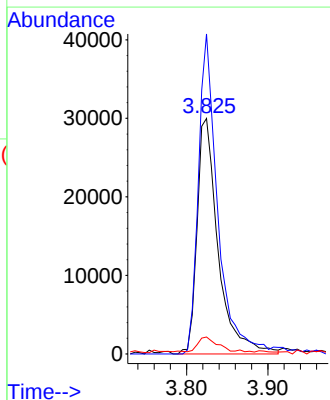
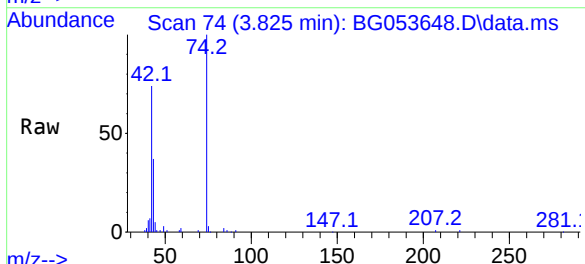
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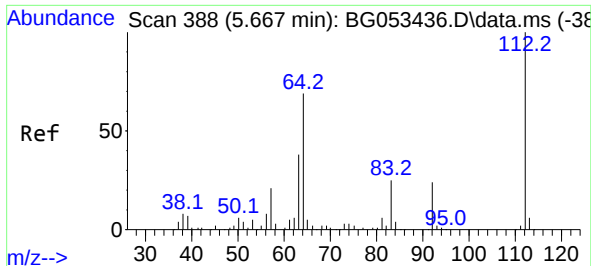
Reviewed By :Christian Giraldo 05/23/2022
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#4
n-Nitrosodimethylamine
Concen: 46.733 ng
RT: 3.825 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

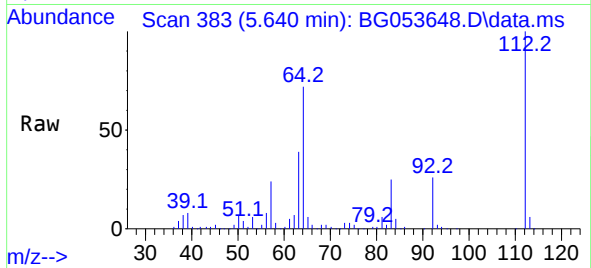
Tgt Ion: 42 Resp: 54104
Ion Ratio Lower Upper
42 100
74 135.8 97.0 145.4
44 7.2 7.0 10.4





#5
2-Fluorophenol
Concen: 127.027 ng
RT: 5.640 min Scan# 388
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

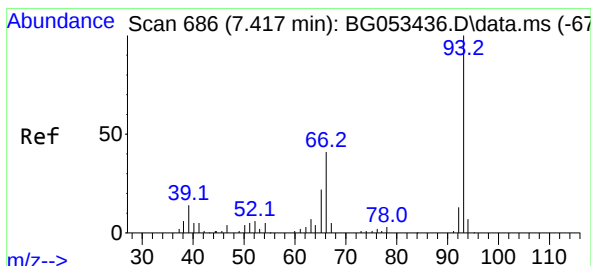
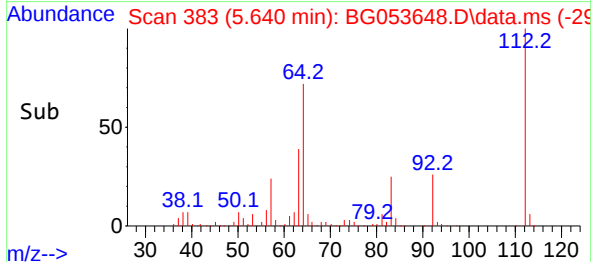
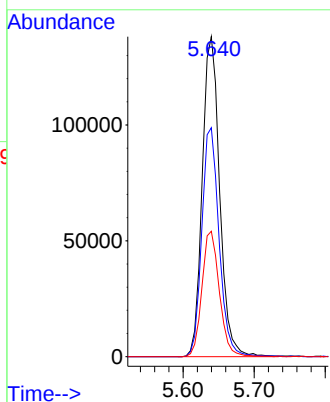
Instrument :
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ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:112 Resp: 235607
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 39.2 30.4 45.6

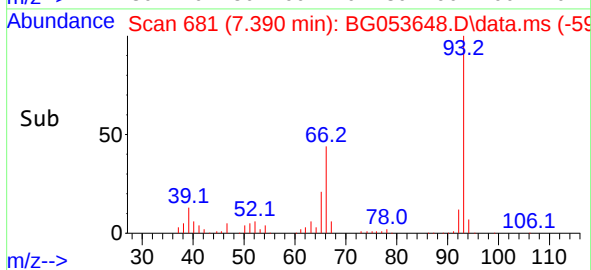
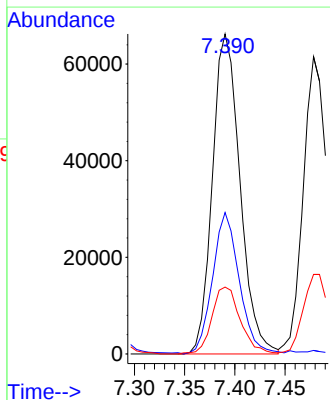
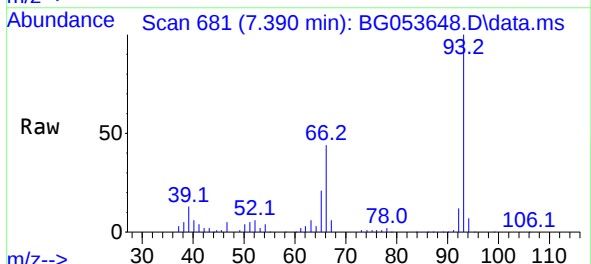
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#6
Aniline
Concen: 40.591 ng
RT: 7.390 min Scan# 681
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

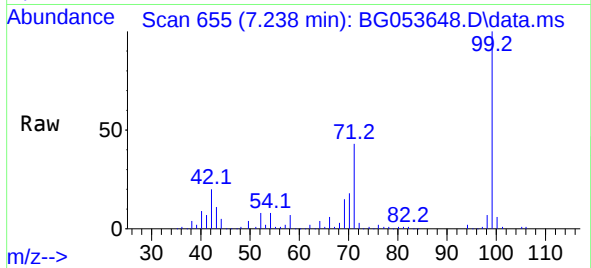
Tgt Ion: 93 Resp: 126551
Ion Ratio Lower Upper
93 100
66 44.2 32.9 49.3
65 20.9 17.8 26.8





#7
Phenol-d6
Concen: 122.983 ng
RT: 7.238 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

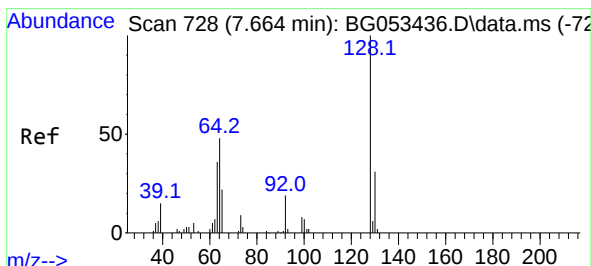
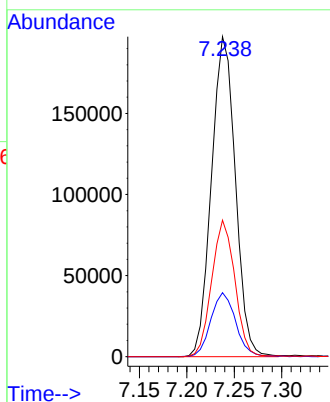
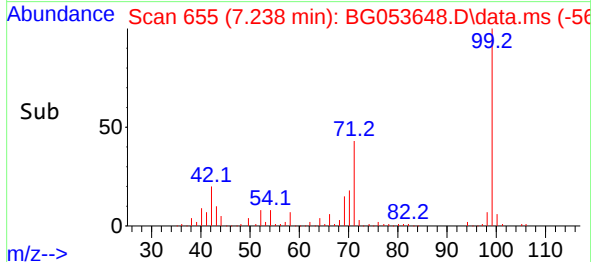
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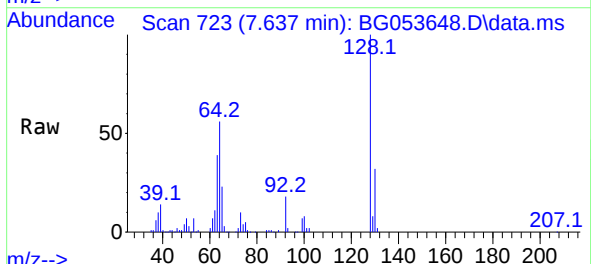
Tgt Ion: 99 Resp: 34618
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 42.6 33.8 50.8

Manual Integrations
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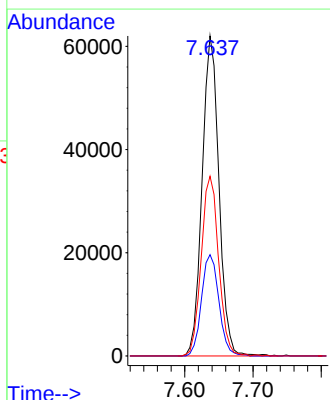
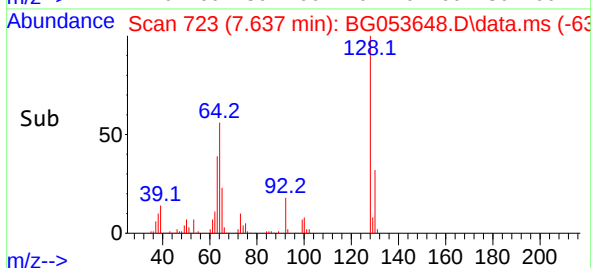
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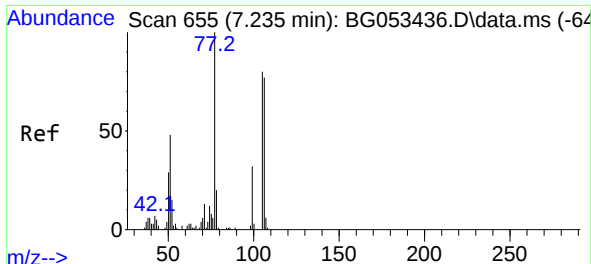


#8
2-Chlorophenol
Concen: 54.873 ng
RT: 7.637 min Scan# 723
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



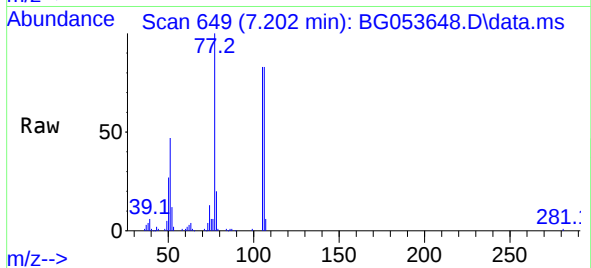
Tgt Ion:128 Resp: 106398
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 56.2 35.1 75.1





#9
Benzaldehyde
Concen: 48.608 ng m
RT: 7.202 min Scan# 649
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

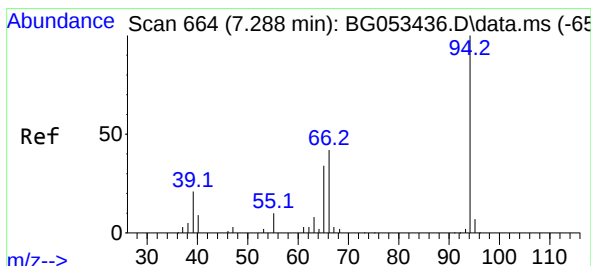
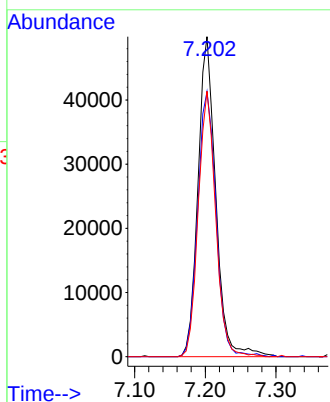
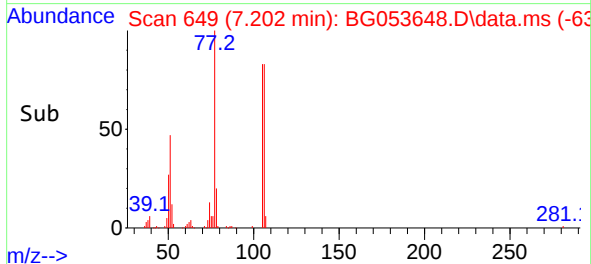
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion: 77 Resp: 86925
Ion Ratio Lower Upper
77 100
105 82.8 59.6 99.6
106 83.0 56.8 96.8

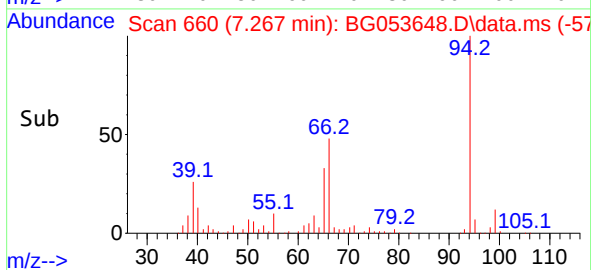
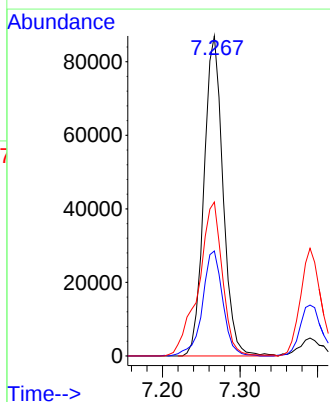
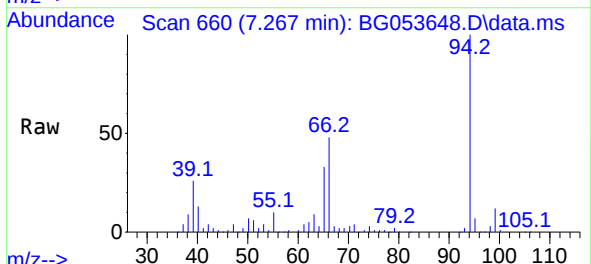
Manual Integrations
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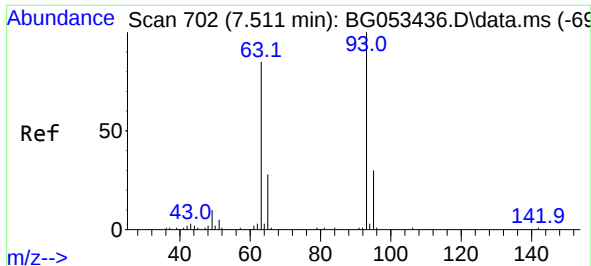
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#10
Phenol
Concen: 53.730 ng
RT: 7.267 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

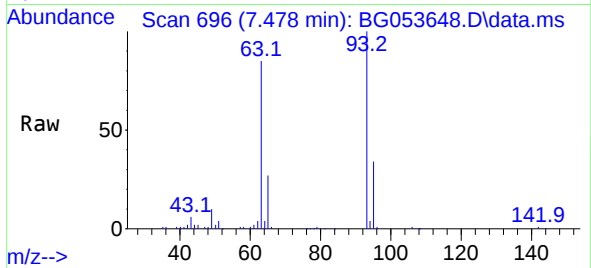
Tgt Ion: 94 Resp: 147923
Ion Ratio Lower Upper
94 100
65 32.8 14.8 54.8
66 48.1 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 50.468 ng
RT: 7.478 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

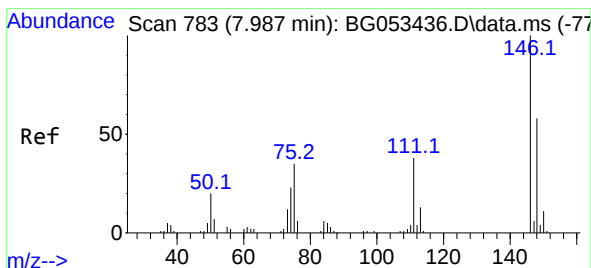
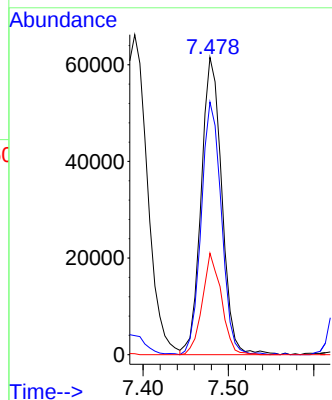
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



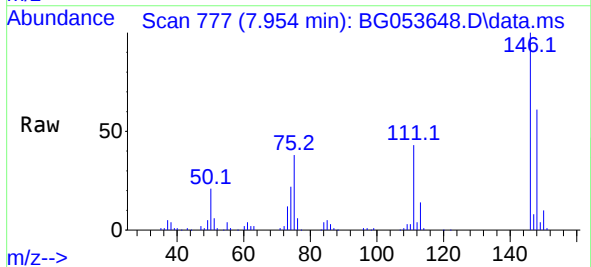
Tgt Ion: 93 Resp: 103624
Ion Ratio Lower Upper
93 100
63 85.0 63.6 103.6
95 34.1 10.1 50.1

Manual Integrations
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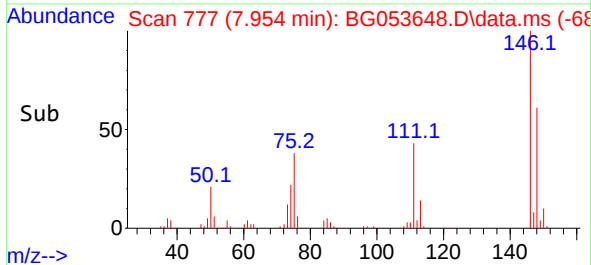
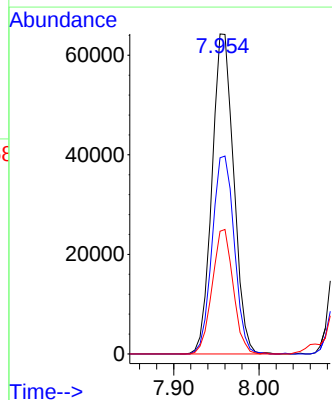
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

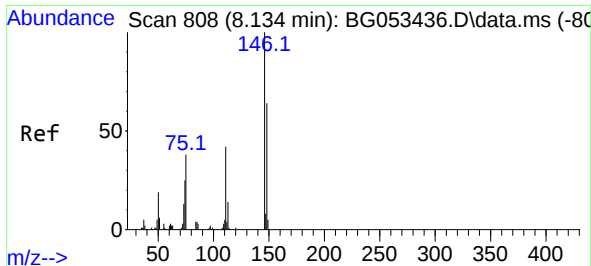


#12
1,3-Dichlorobenzene
Concen: 49.698 ng
RT: 7.954 min Scan# 777
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



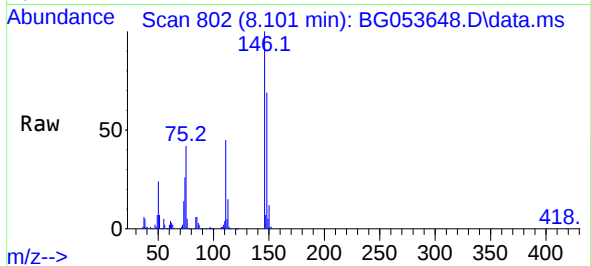
Tgt Ion:146 Resp: 113682
Ion Ratio Lower Upper
146 100
148 61.3 46.1 69.1
75 38.4 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 49.225 ng
RT: 8.101 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

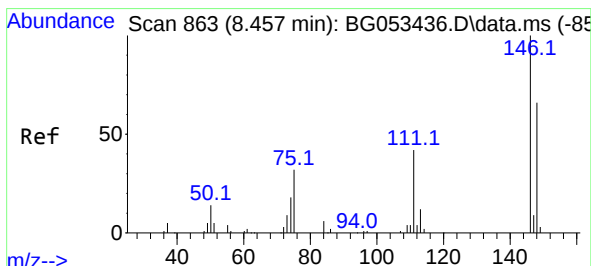
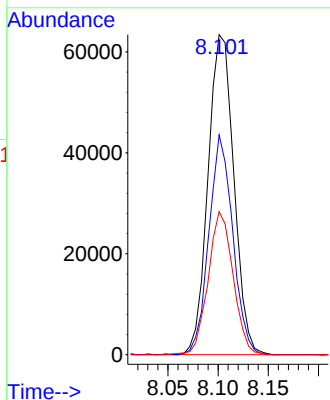
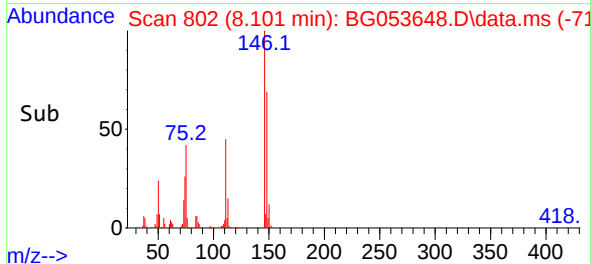
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



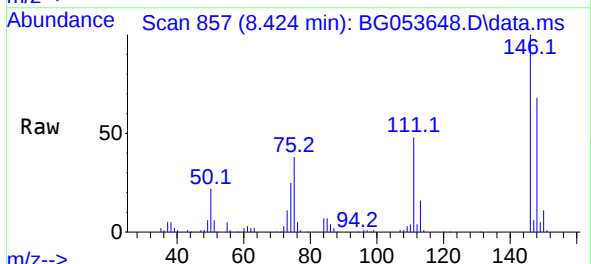
Tgt Ion:146 Resp: 113620
Ion Ratio Lower Upper
146 100
148 68.7 51.5 77.3
111 44.7 33.9 50.9

Manual Integrations
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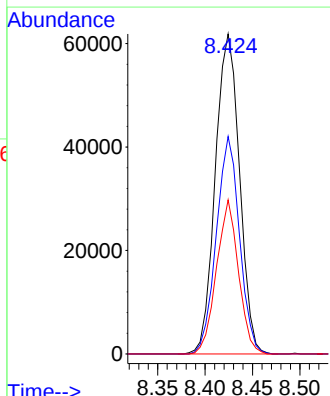
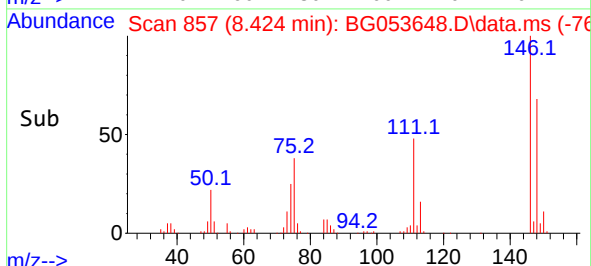
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

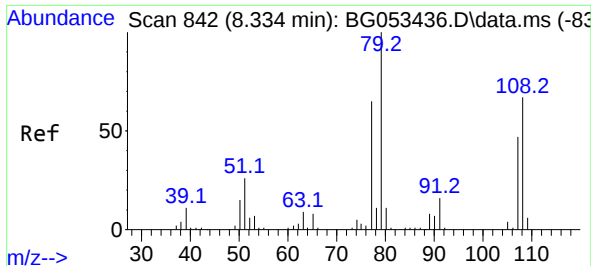


#14
1,2-Dichlorobenzene
Concen: 50.672 ng
RT: 8.424 min Scan# 857
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



Tgt Ion:146 Resp: 109836
Ion Ratio Lower Upper
146 100
148 67.9 52.6 78.8
111 48.1 34.5 51.7





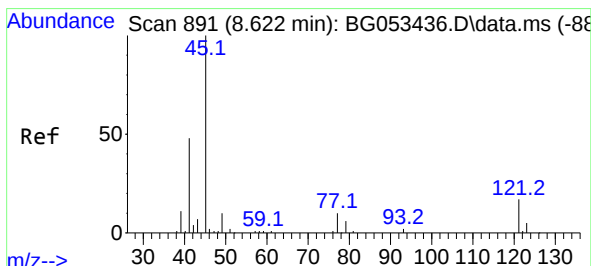
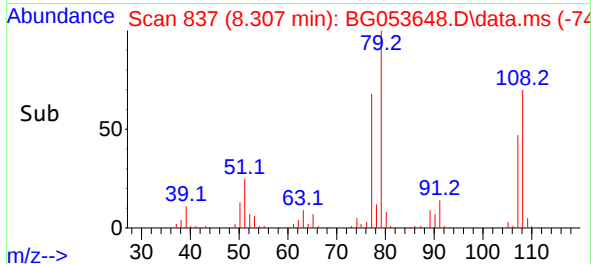
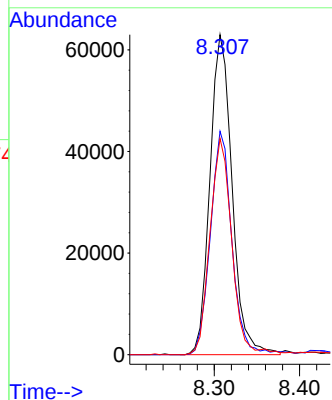
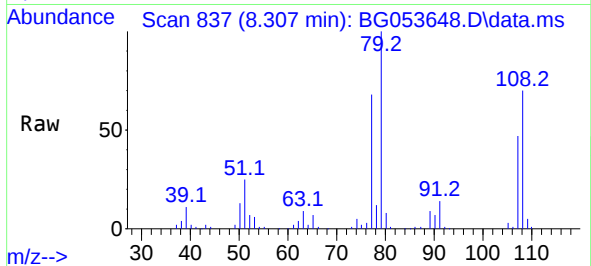
#15
Benzyl Alcohol
Concen: 48.307 ng
RT: 8.307 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD

Tgt Ion: 79 Resp: 11368
Ion Ratio Lower Upper
79 100
108 69.8 53.7 80.5
77 67.6 52.2 78.4

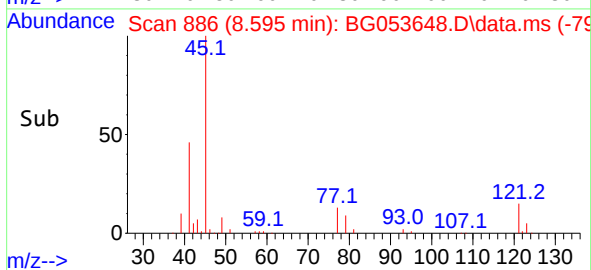
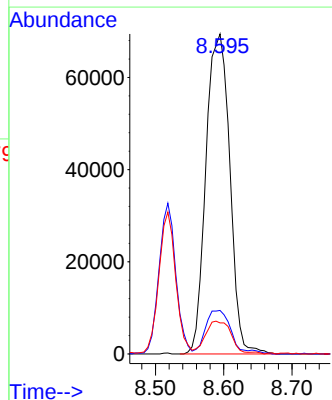
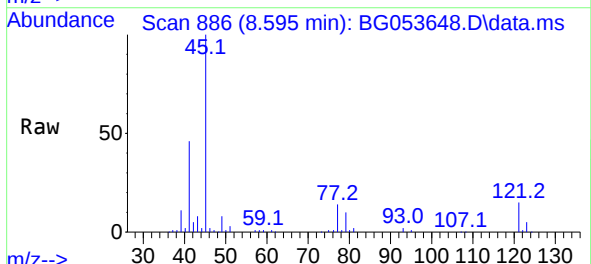
Manual Integrations
APPROVED

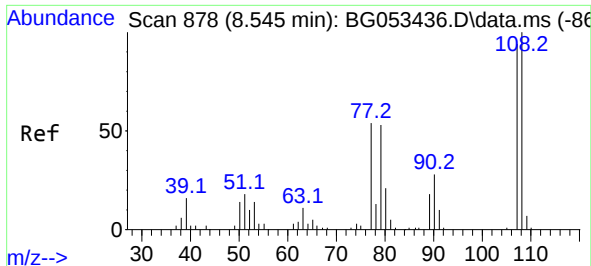
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.579 ng
RT: 8.595 min Scan# 886
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

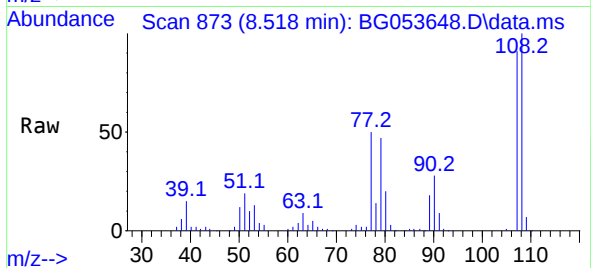
Tgt Ion: 45 Resp: 169025
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 9.7 0.0 29.7





#17
2-Methylphenol
Concen: 52.890 ng
RT: 8.518 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

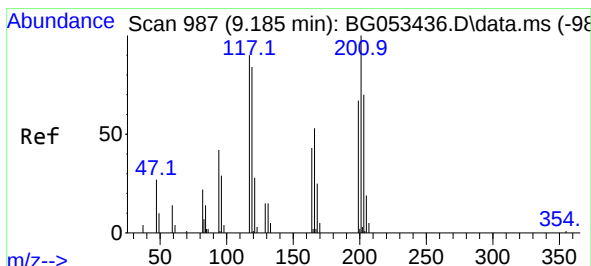
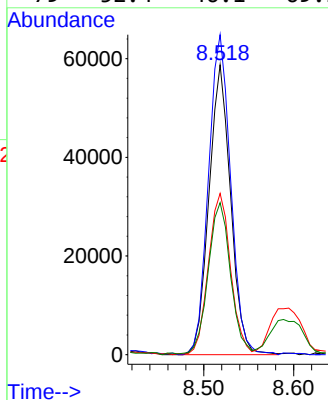
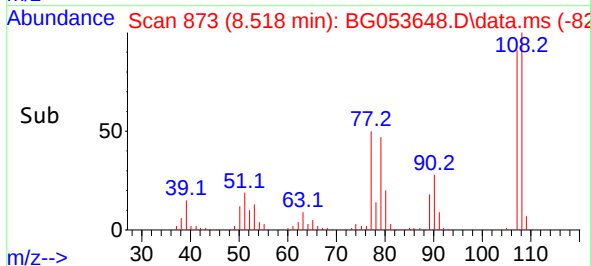
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:	107	Resp:	9841
Ion	Ratio	Lower	Upper
107	100		
108	110.4	85.4	128.0
77	55.6	46.2	69.2
79	52.4	46.1	69.1

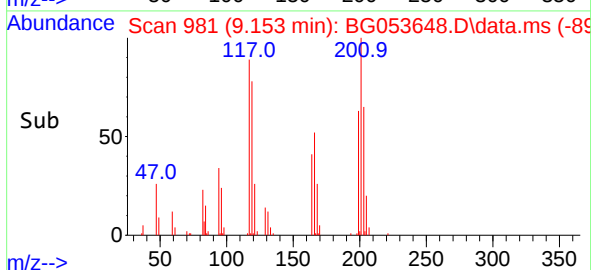
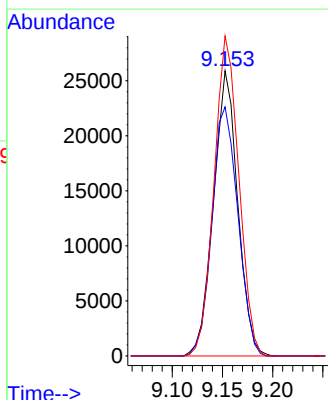
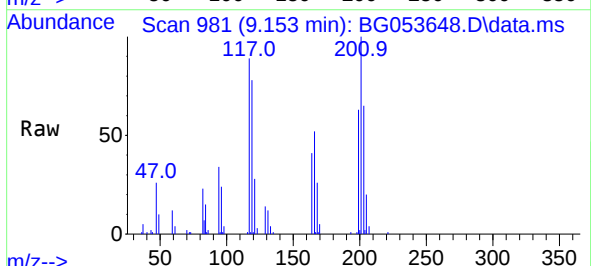
Manual Integrations
APPROVED

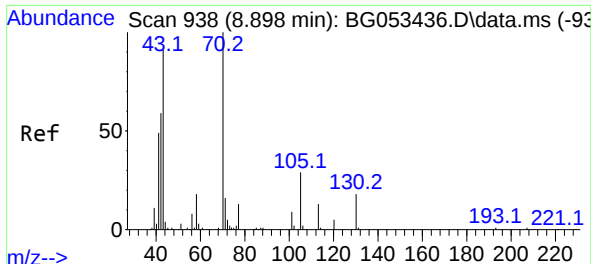
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#18
Hexachloroethane
Concen: 49.687 ng
RT: 9.153 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

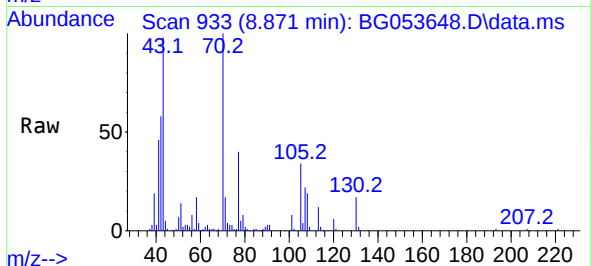
Tgt Ion:	117	Resp:	43554
Ion	Ratio	Lower	Upper
117	100		
119	87.4	75.0	112.6
201	112.2	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 47.731 ng
RT: 8.871 min Scan# 919
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

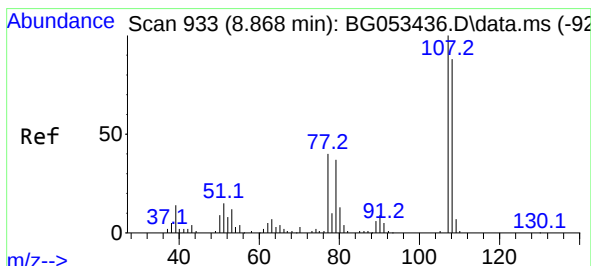
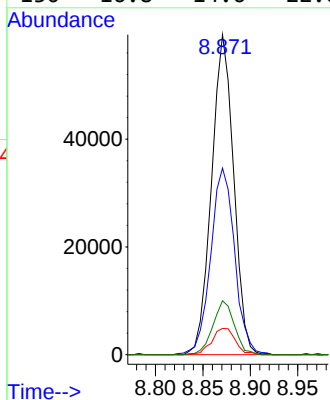
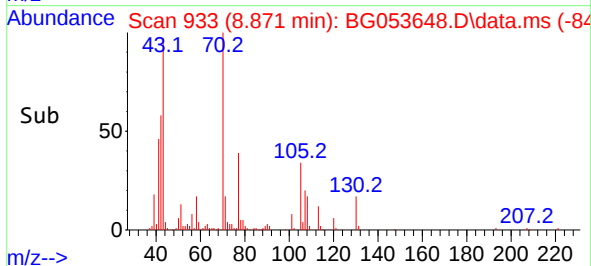
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



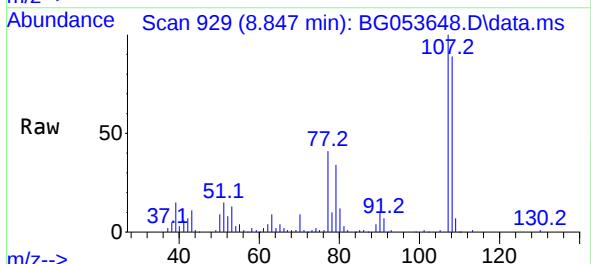
Tgt Ion: 70 Resp: 96400
Ion Ratio Lower Upper
70 100
42 58.3 47.3 70.9
101 8.2 7.0 10.4
130 16.8 14.6 22.0

Manual Integrations
APPROVED

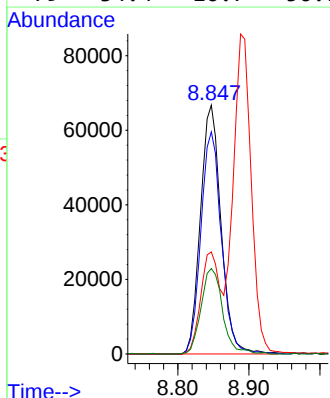
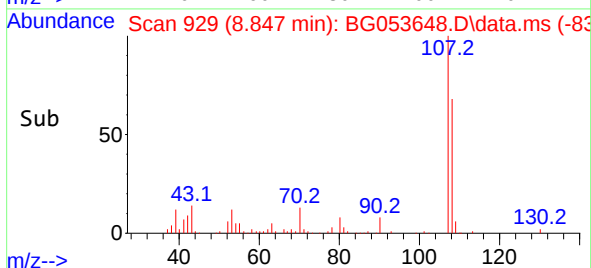
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

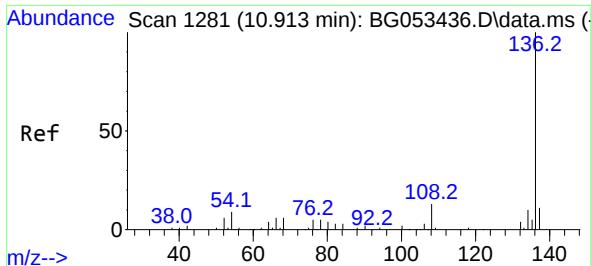


#20
3+4-Methylphenols
Concen: 51.085 ng
RT: 8.847 min Scan# 929
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



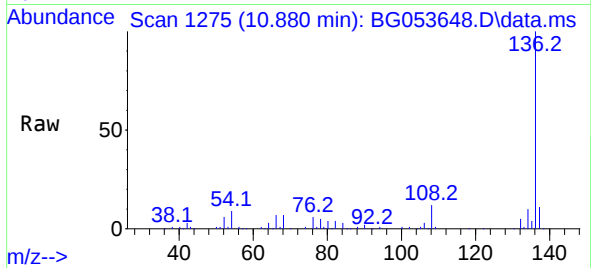
Tgt Ion:107 Resp: 134251
Ion Ratio Lower Upper
107 100
108 89.3 67.5 107.5
77 41.0 20.3 60.3
79 34.4 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

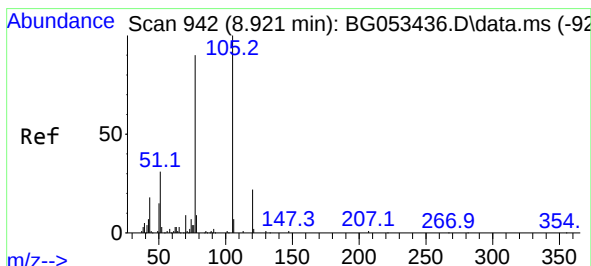
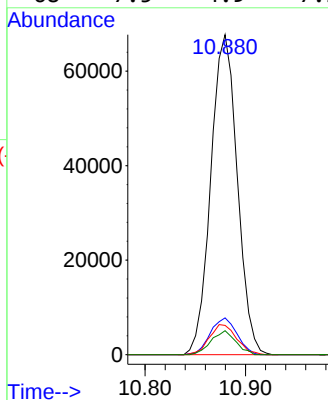
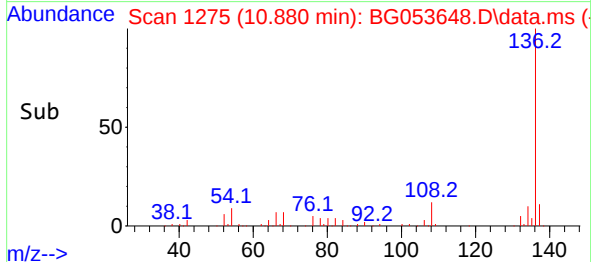
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:136 Resp: 123980
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.1 7.4 11.2
68 7.5 4.9 7.3#

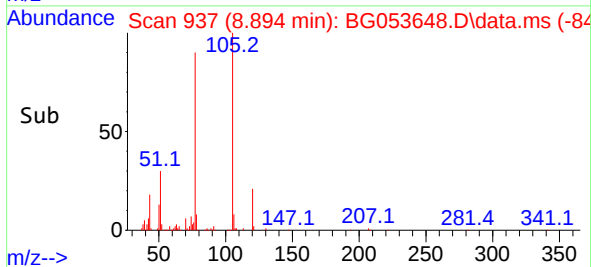
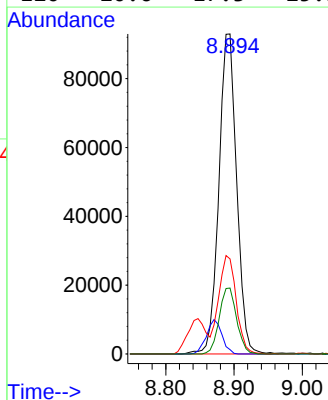
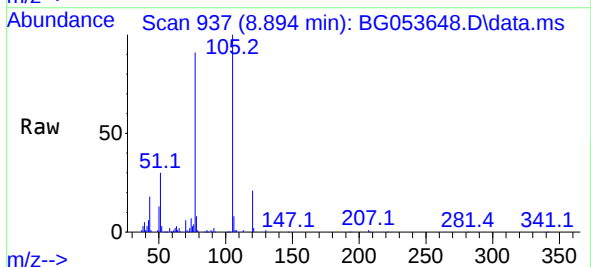
Manual Integrations
APPROVED

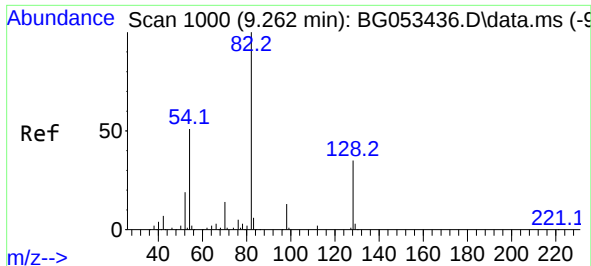
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#22
Acetophenone
Concen: 49.696 ng
RT: 8.894 min Scan# 937
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

Tgt Ion:105 Resp: 168636
Ion Ratio Lower Upper
105 100
71 1.3 1.1 1.7
51 29.7 25.4 38.0
120 20.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.817 ng

RT: 9.235 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

Instrument :

BNA_G

ClientSampleId :

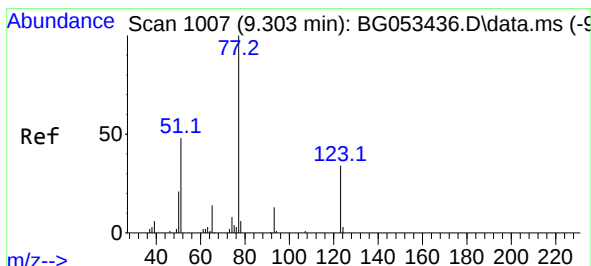
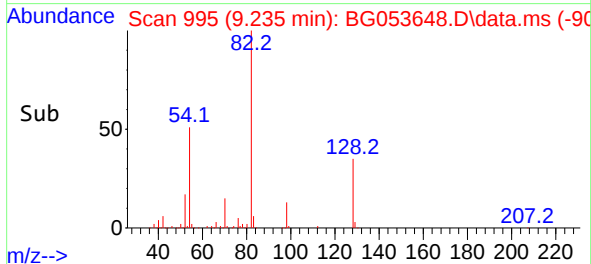
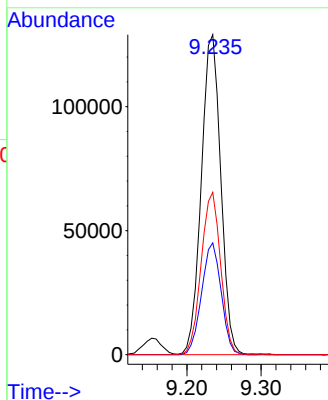
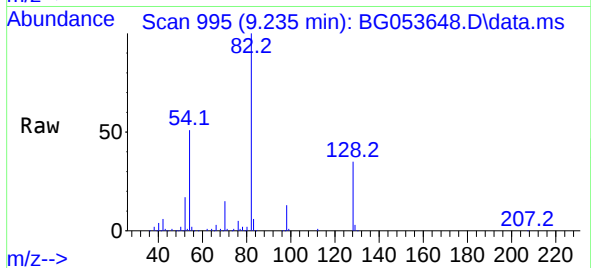
P022-SS002-0006-01MSD

Tgt Ion: 82 Resp: 235389
 Ion Ratio Lower Upper
 82 100
 128 35.0 27.9 41.9
 54 50.7 41.2 61.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022



#24

Nitrobenzene

Concen: 51.488 ng

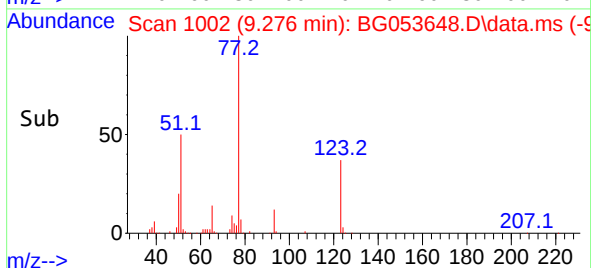
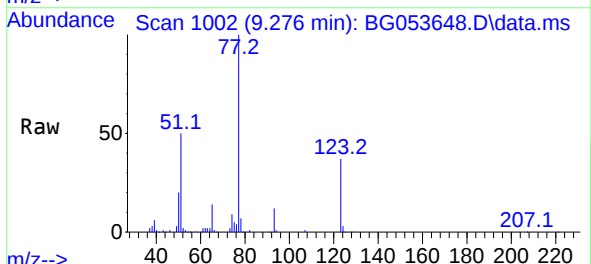
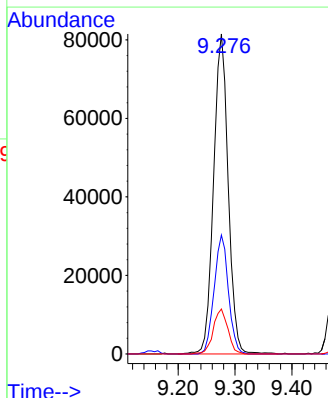
RT: 9.276 min Scan# 1002

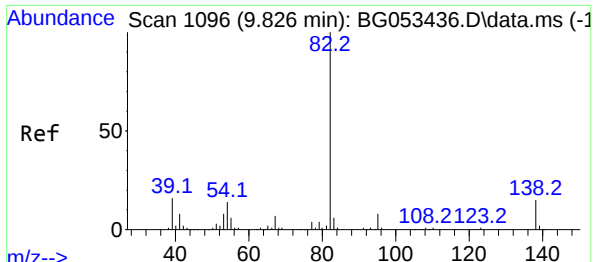
Delta R.T. -0.009 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

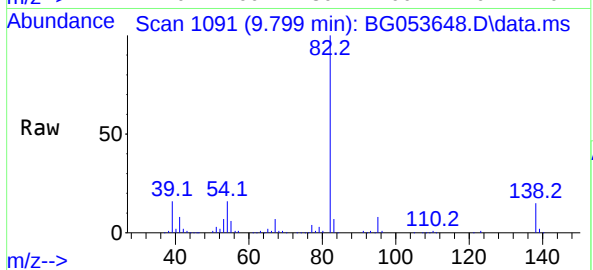
Tgt Ion: 77 Resp: 145148
 Ion Ratio Lower Upper
 77 100
 123 37.1 27.4 41.0
 65 14.0 11.4 17.0





#25
Isophorone
Concen: 53.186 ng
RT: 9.799 min Scan# 1109
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

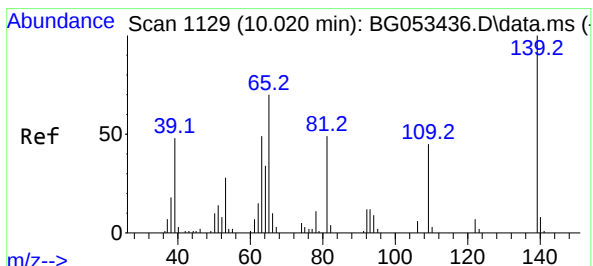
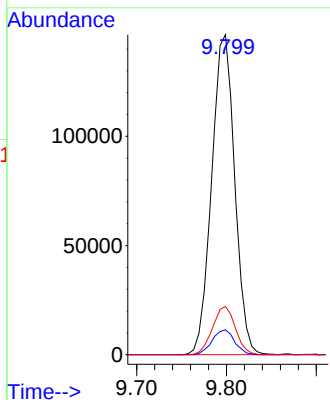
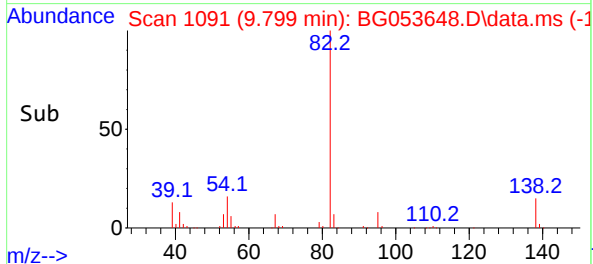
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion: 82 Resp: 260709
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 15.0 11.6 17.4

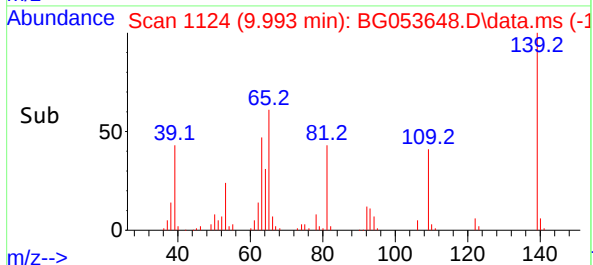
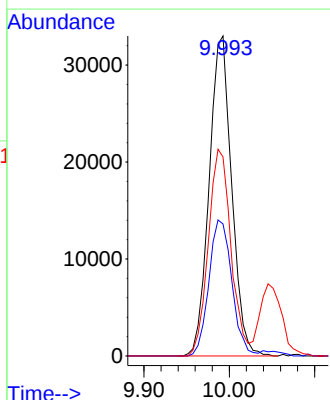
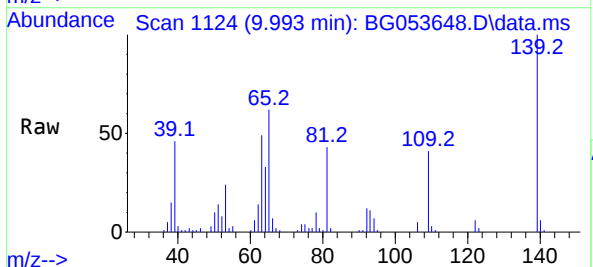
Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#26
2-Nitrophenol
Concen: 52.968 ng
RT: 9.993 min Scan# 1124
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

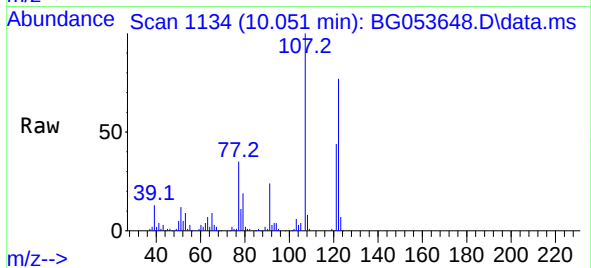
Tgt Ion:139 Resp: 60477
Ion Ratio Lower Upper
139 100
109 41.2 36.1 54.1
65 62.2 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 61.487 ng
RT: 10.051 min Scan# 1134
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

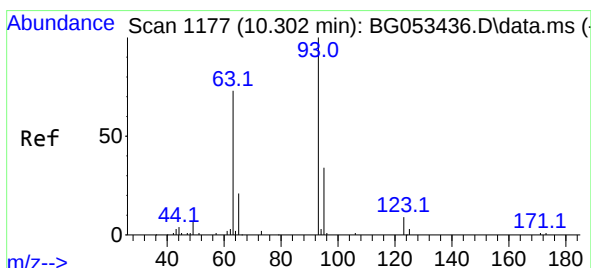
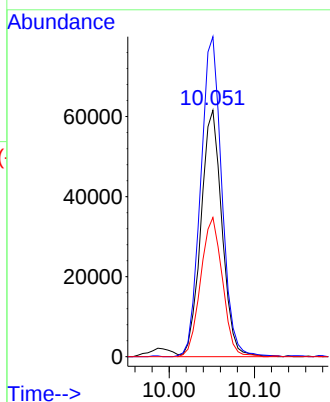
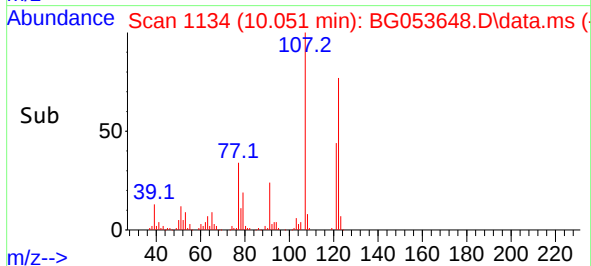
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:122 Resp: 10565
Ion Ratio Lower Upper
122 100
107 129.9 109.4 164.0
121 56.5 48.7 73.1

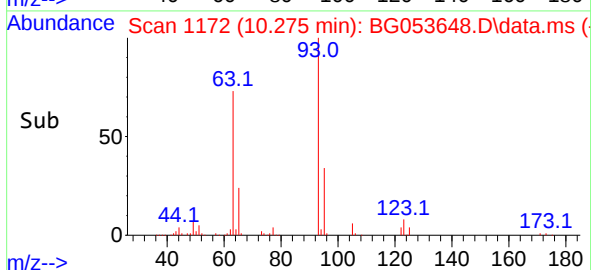
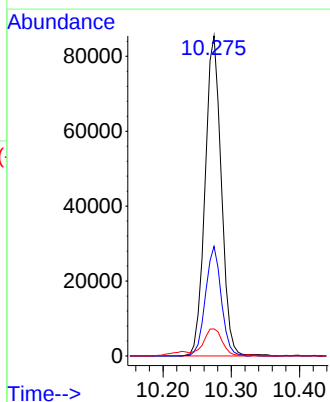
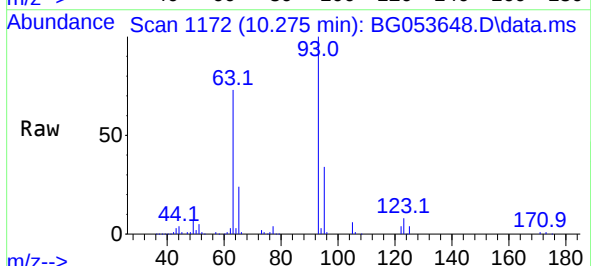
Manual Integrations
APPROVED

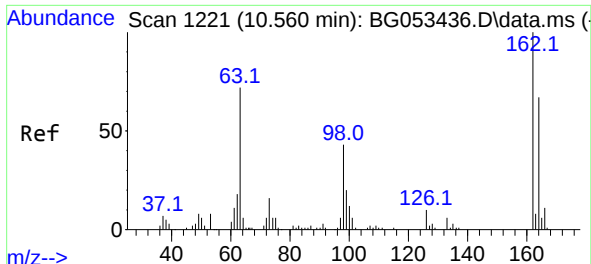
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.005 ng
RT: 10.275 min Scan# 1172
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

Tgt Ion: 93 Resp: 140974
Ion Ratio Lower Upper
93 100
95 34.3 26.9 40.3
123 8.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 54.160 ng

RT: 10.533 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG053648.D

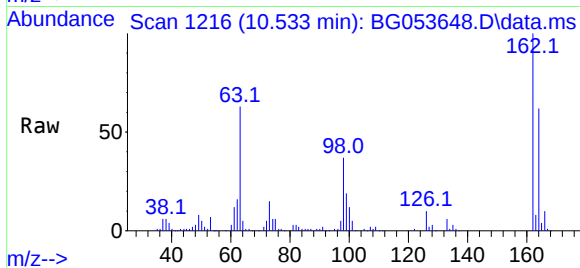
Acq: 20 May 2022 17:45

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01MSD



Tgt Ion:162 Resp: 112318

Ion Ratio Lower Upper

162 100

164 62.3 46.6 86.6

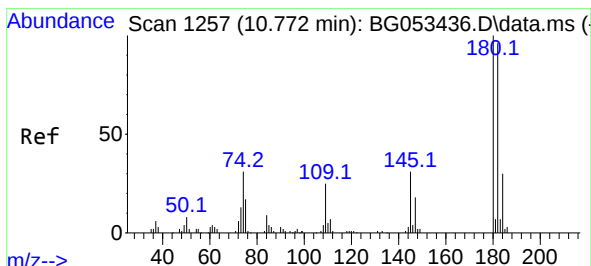
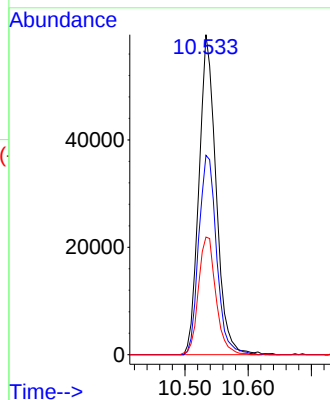
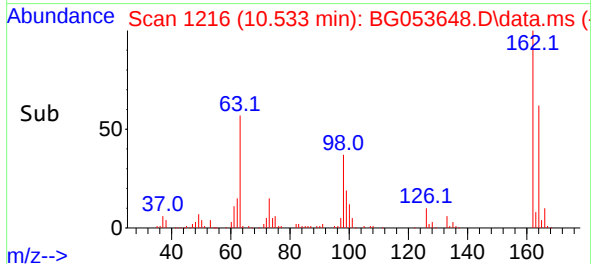
98 36.7 22.8 62.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2022

Supervised By :Jagrut Upadhyay 05/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.809 ng

RT: 10.745 min Scan# 1252

Delta R.T. -0.003 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

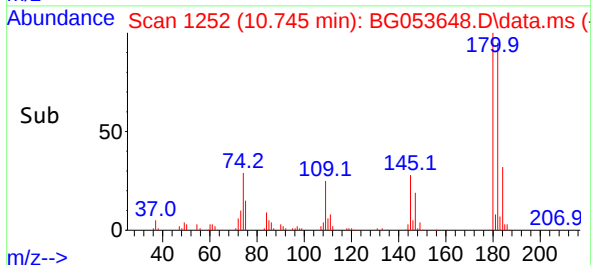
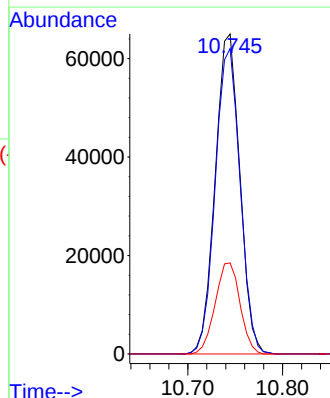
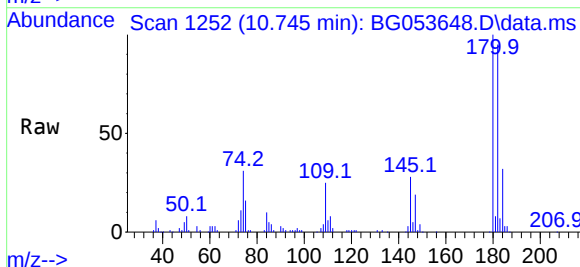
Tgt Ion:180 Resp: 117361

Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

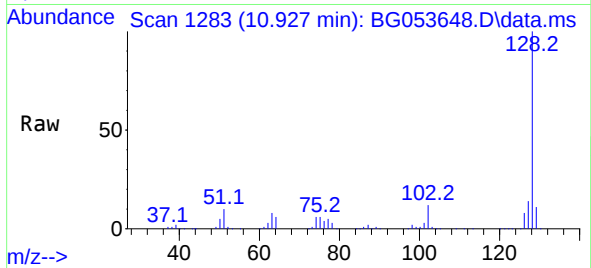
145 28.4 25.0 37.4





#31
Naphthalene
Concen: 51.605 ng
RT: 10.927 min Scan# 1165
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

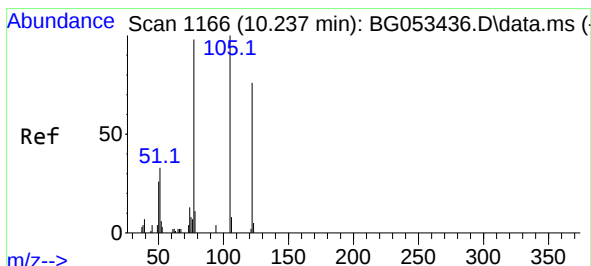
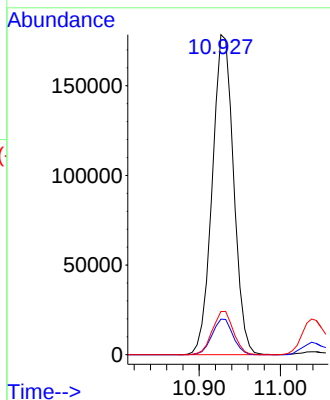
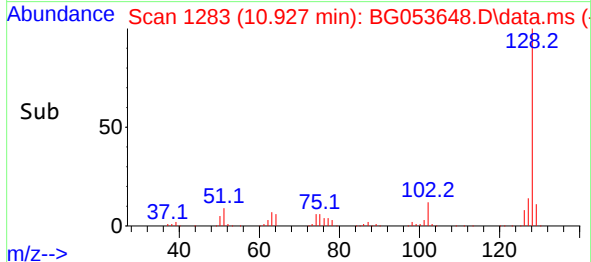
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



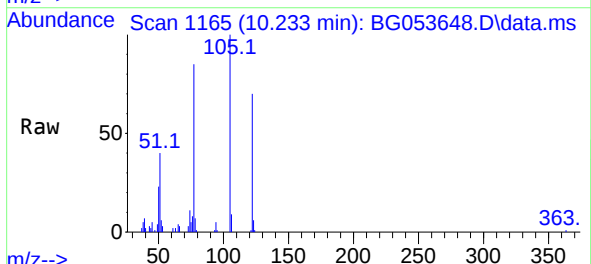
Tgt Ion:128 Resp: 325468
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 11.1 16.7

Manual Integrations
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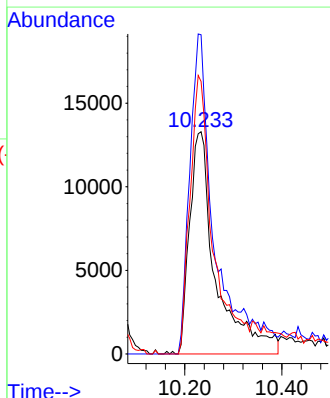
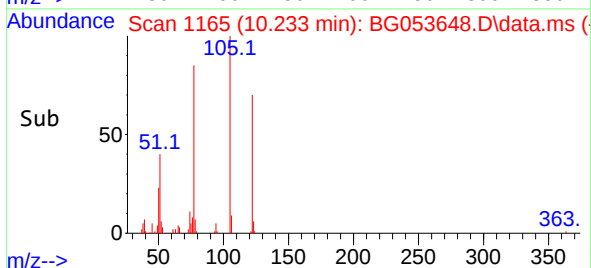
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

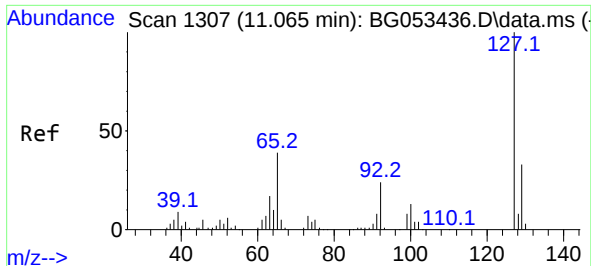


#32
Benzoic acid
Concen: 46.893 ng m
RT: 10.233 min Scan# 1165
Delta R.T. 0.014 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



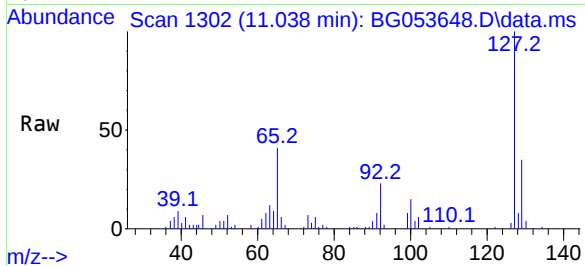
Tgt Ion:122 Resp: 50112
Ion Ratio Lower Upper
122 100
105 143.6 111.8 151.8
77 122.6 109.4 149.4





#33
4-Chloroaniline
Concen: 17.231 ng
RT: 11.038 min Scan# 11032
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

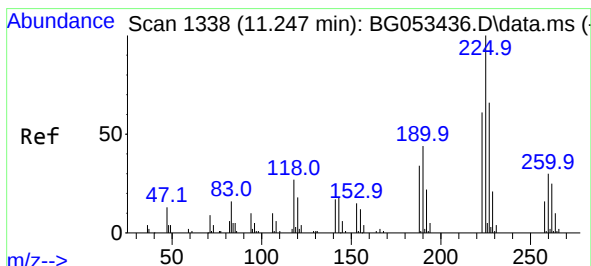
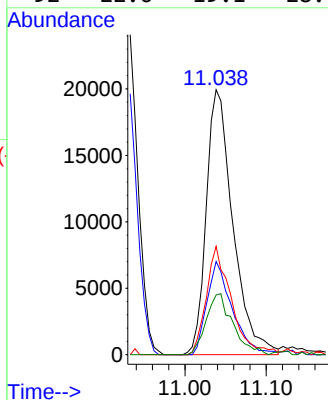
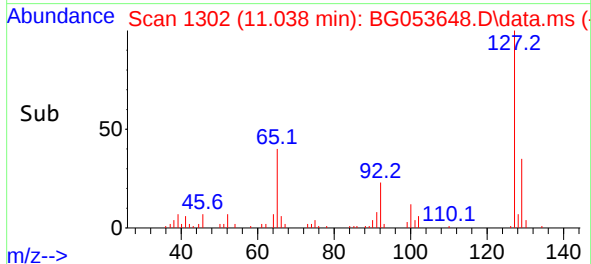
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



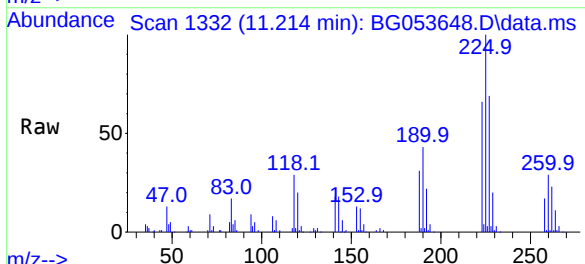
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.3	39.5
65	40.9	31.1	46.7
92	22.6	19.1	28.7

Manual Integrations
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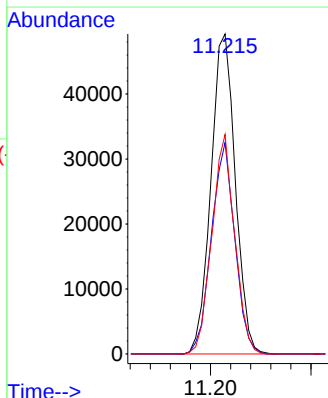
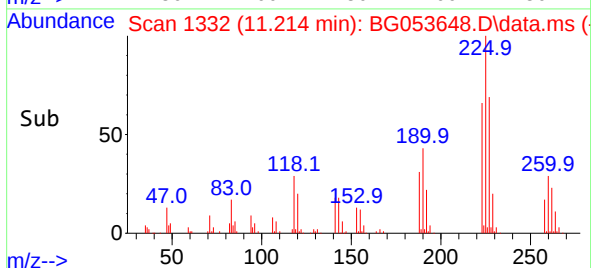
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

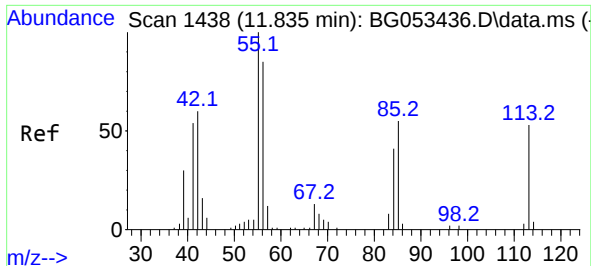


#34
Hexachlorobutadiene
Concen: 47.450 ng
RT: 11.214 min Scan# 1332
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



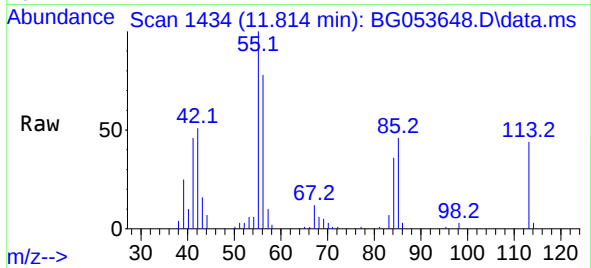
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.9	73.3
227	68.6	52.8	79.2





#35
Caprolactam
Concen: 46.915 ng m
RT: 11.814 min Scan# 1438
Delta R.T. 0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

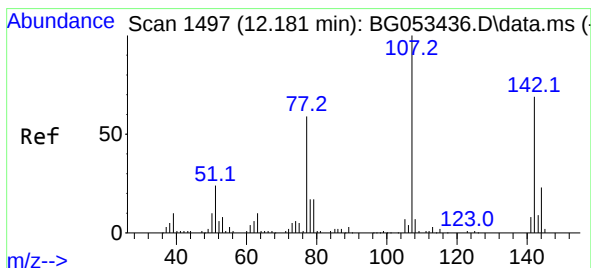
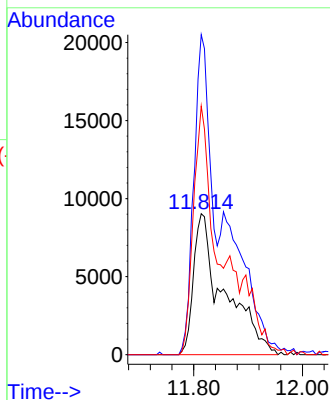
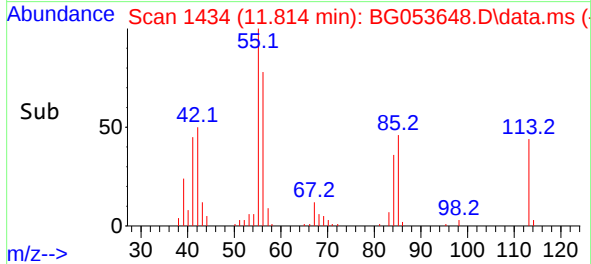
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



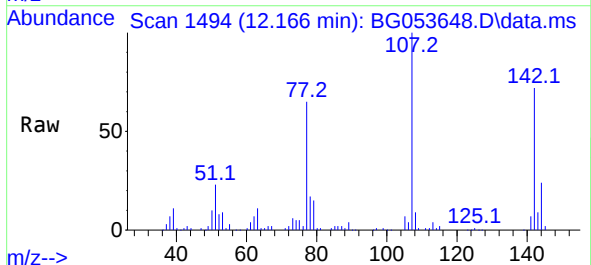
Tgt Ion:113 Resp: 35350
Ion Ratio Lower Upper
113 100
55 227.1 169.8 209.8
56 176.5 141.2 181.2

Manual Integrations
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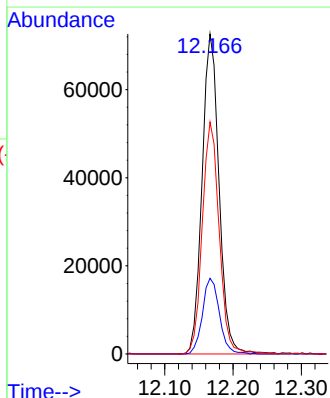
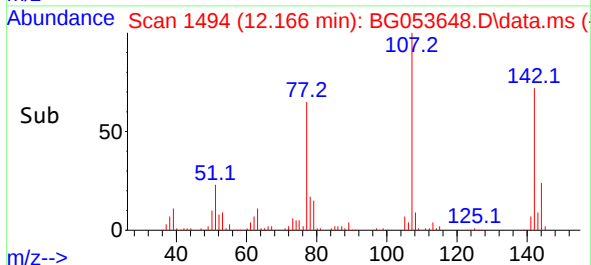
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

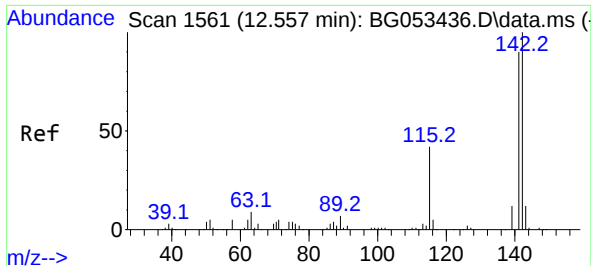


#36
4-Chloro-3-methylphenol
Concen: 50.642 ng
RT: 12.166 min Scan# 1494
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



Tgt Ion:107 Resp: 125624
Ion Ratio Lower Upper
107 100
144 23.7 18.5 27.7
142 72.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 49.638 ng

RT: 12.530 min Scan# 1556

Delta R.T. -0.009 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01MSD

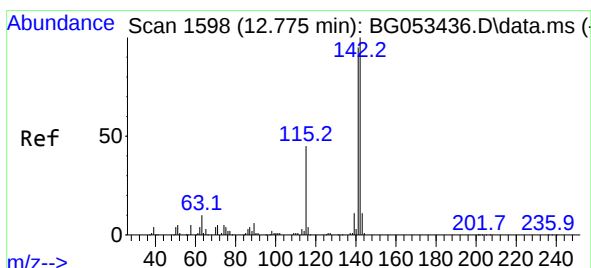
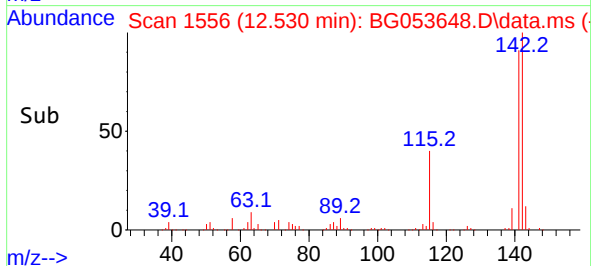
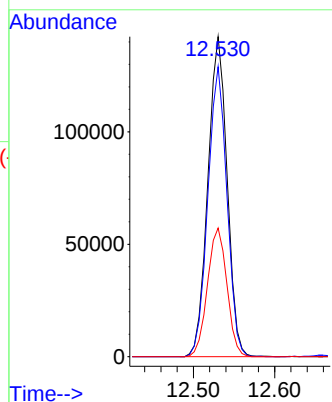
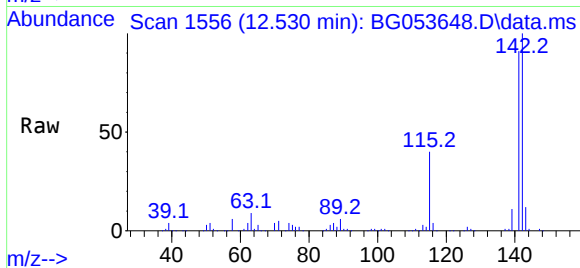
Tgt Ion:142 Resp: 23363

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
115	40.2	33.7	50.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#38

1-Methylnaphthalene

Concen: 48.870 ng

RT: 12.748 min Scan# 1593

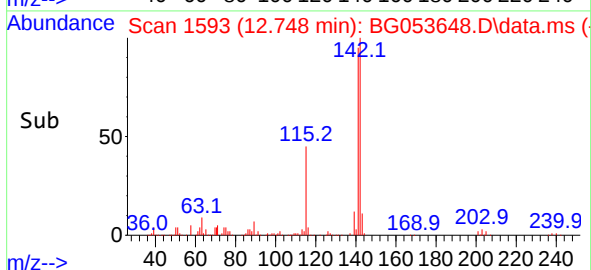
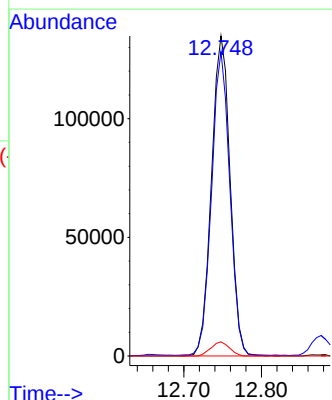
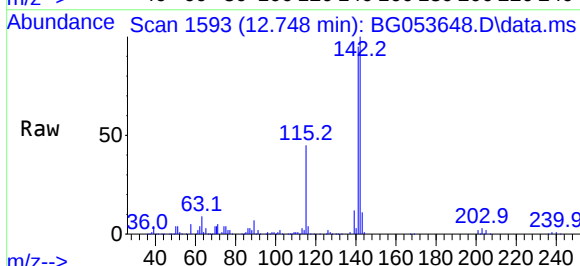
Delta R.T. -0.009 min

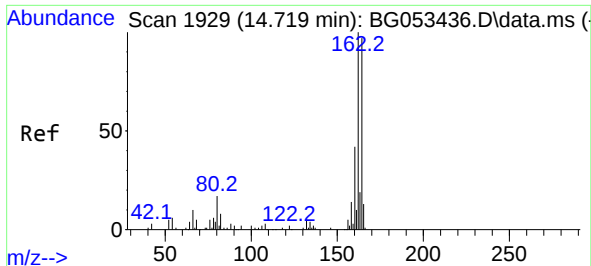
Lab File: BG053648.D

Acq: 20 May 2022 17:45

Tgt Ion:142 Resp: 224415

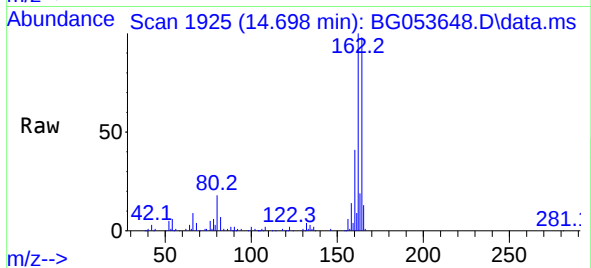
Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.4	114.6
116	4.4	3.3	4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1619
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

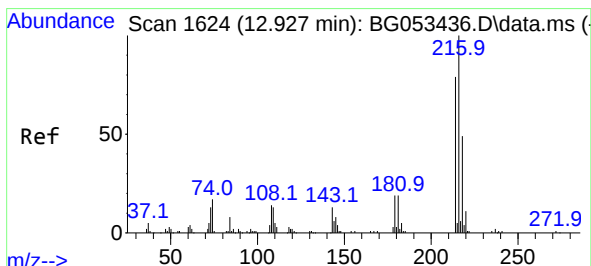
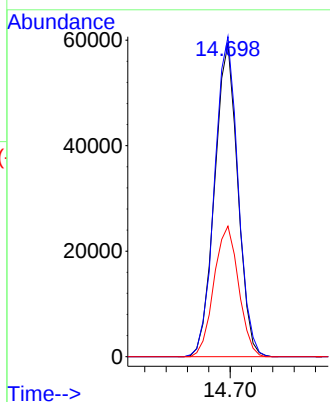
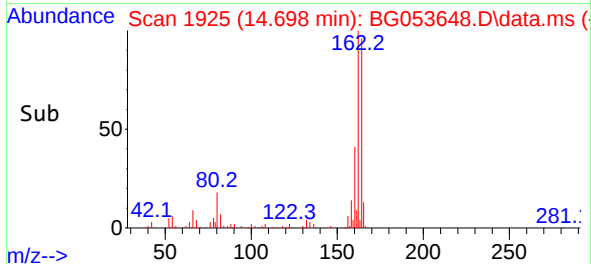
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



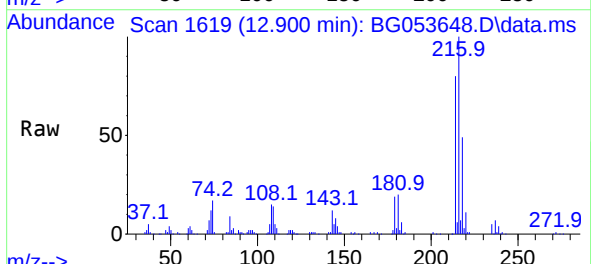
Tgt Ion:164 Resp: 89408
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 41.7 34.2 51.2

Manual Integrations
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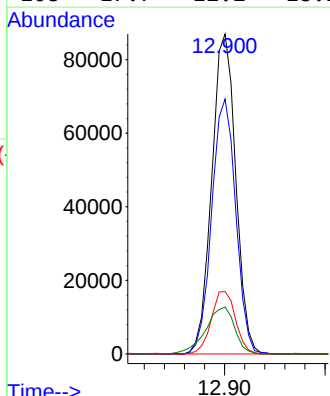
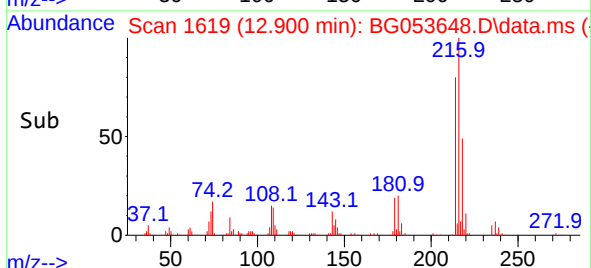
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.170 ng
RT: 12.900 min Scan# 1619
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



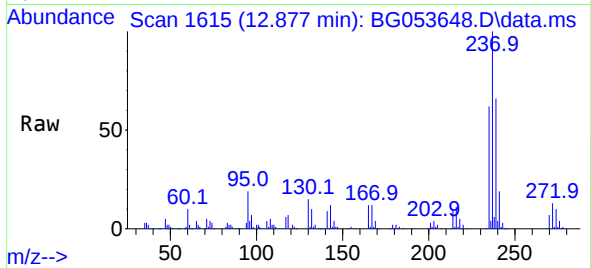
Tgt Ion:216 Resp: 144211
Ion Ratio Lower Upper
216 100
214 79.8 62.9 94.3
179 19.8 16.1 24.1
108 17.7 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 113.716 ng
RT: 12.877 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

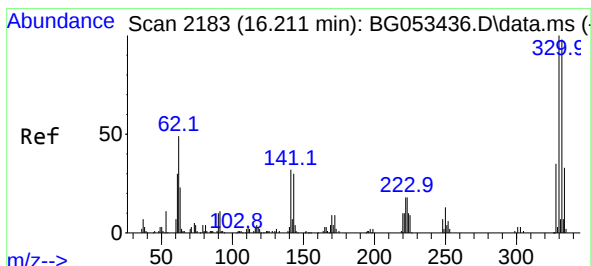
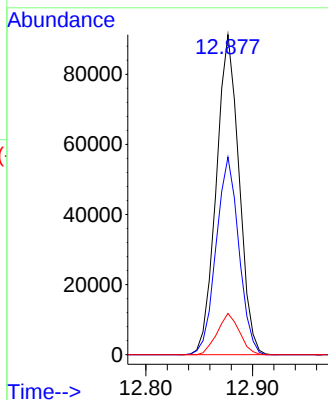
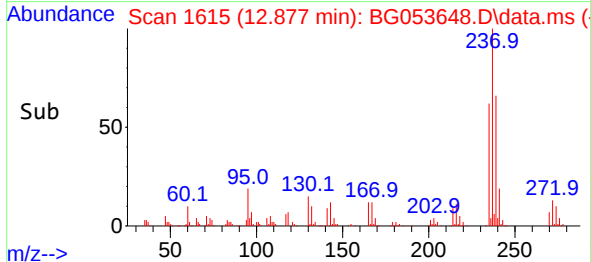
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



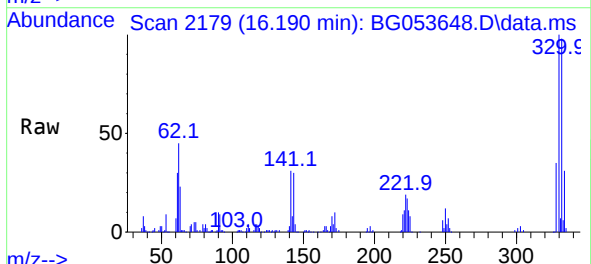
Tgt Ion:237 Resp: 13534
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 12.9 0.0 30.1

Manual Integrations
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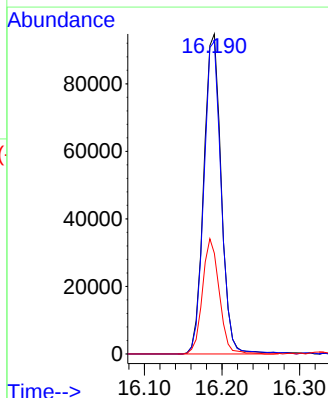
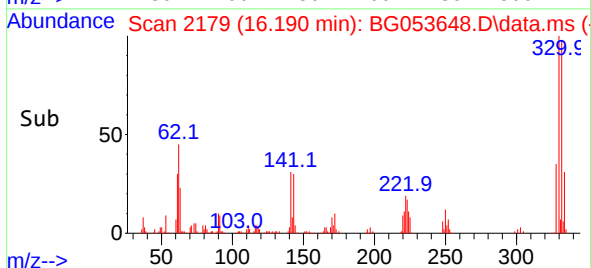
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

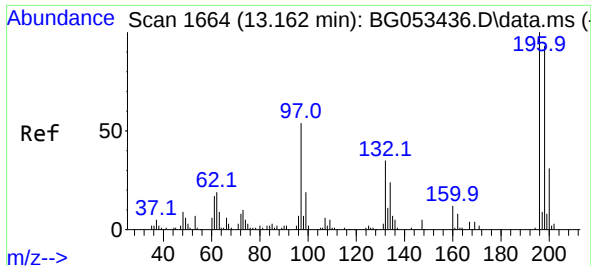


#42
2,4,6-Tribromophenol
Concen: 111.954 ng
RT: 16.190 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



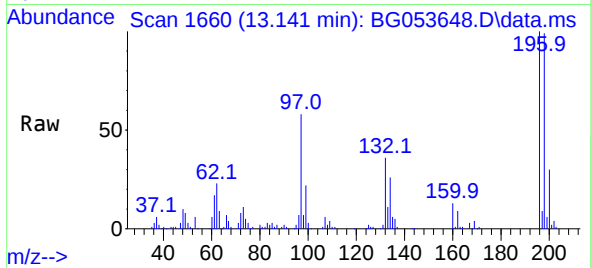
Tgt Ion:330 Resp: 147630
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 34.7 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 51.894 ng
RT: 13.141 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

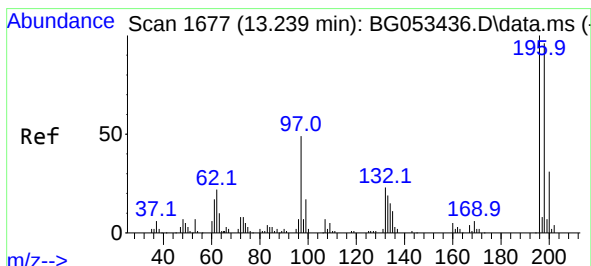
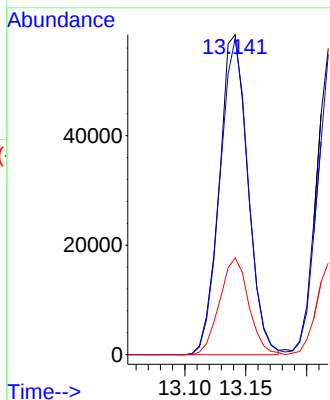
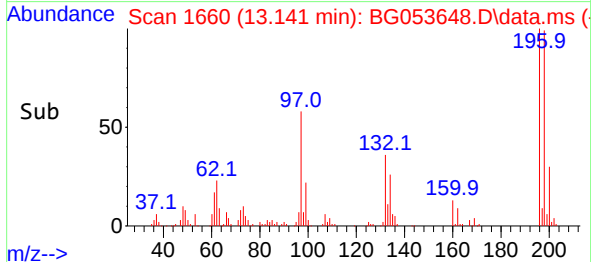
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



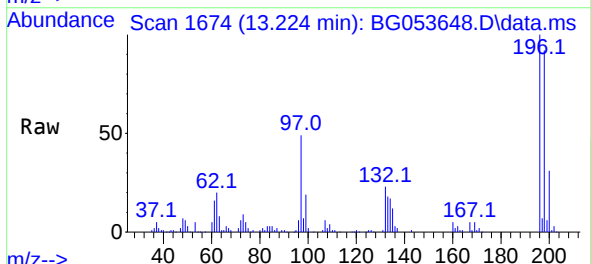
Tgt Ion:196 Resp: 95460
Ion Ratio Lower Upper
196 100
198 98.8 74.1 111.1
200 30.3 24.7 37.1

Manual Integrations
APPROVED

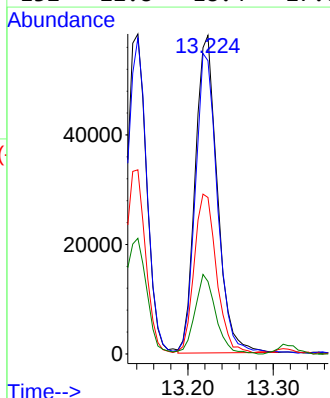
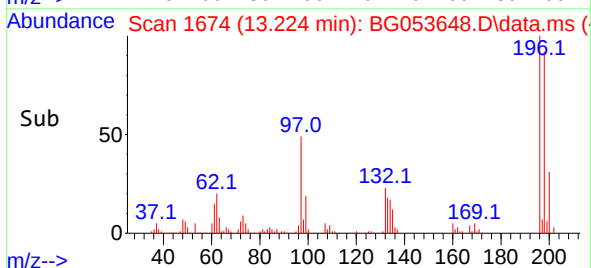
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

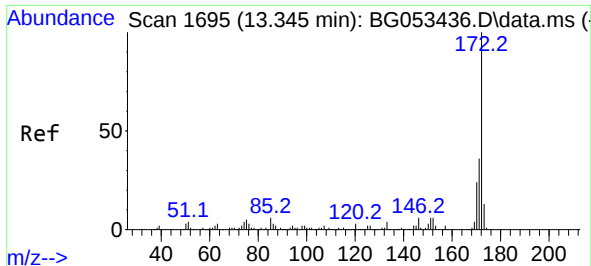


#44
2,4,5-Trichlorophenol
Concen: 53.380 ng
RT: 13.224 min Scan# 1674
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



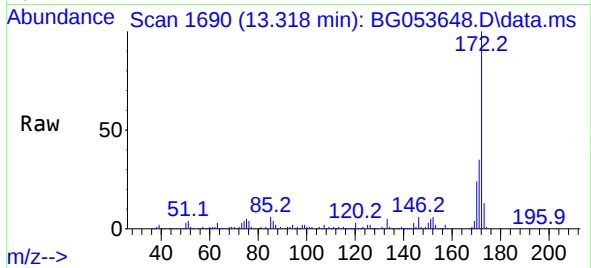
Tgt Ion:196 Resp: 104512
Ion Ratio Lower Upper
196 100
198 92.1 76.8 115.2
97 49.1 39.8 59.6
132 22.8 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 81.047 ng
RT: 13.318 min Scan# 1726
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

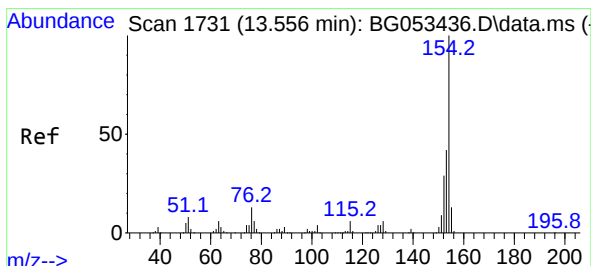
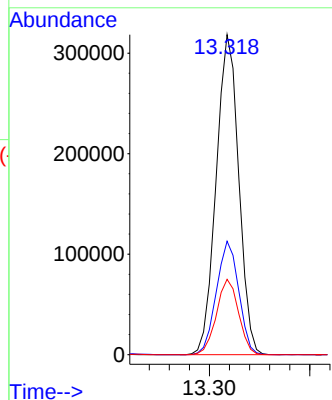
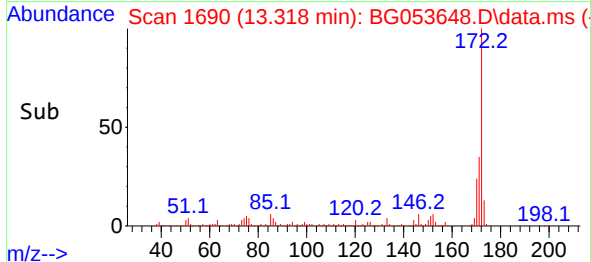
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



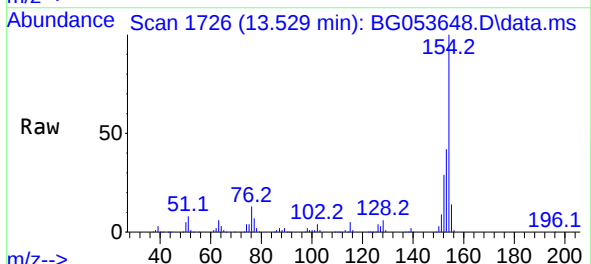
Tgt Ion:172 Resp: 49588
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 18.9 28.3

Manual Integrations
APPROVED

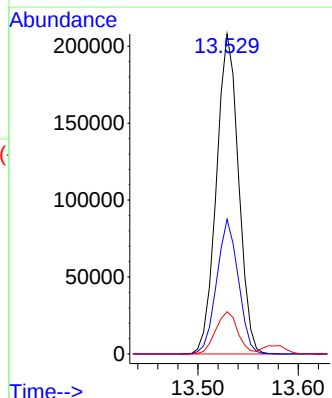
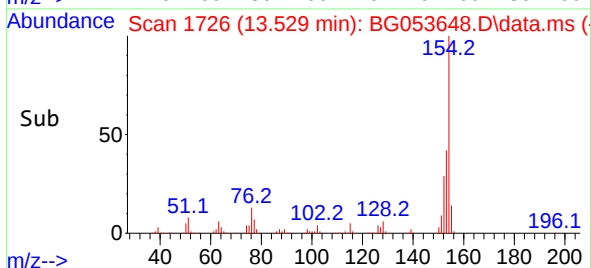
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

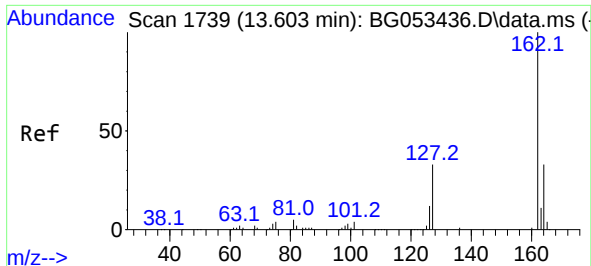


#46
1,1'-Biphenyl
Concen: 52.127 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



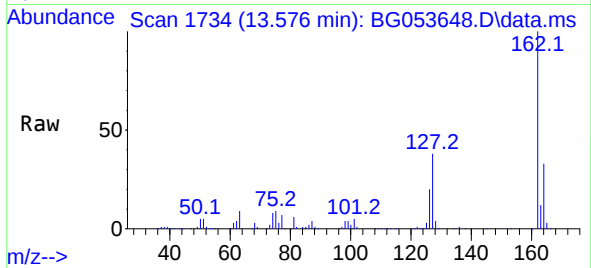
Tgt Ion:154 Resp: 317683
Ion Ratio Lower Upper
154 100
153 42.1 21.6 61.6
76 13.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 51.831 ng
RT: 13.576 min Scan# 1769
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

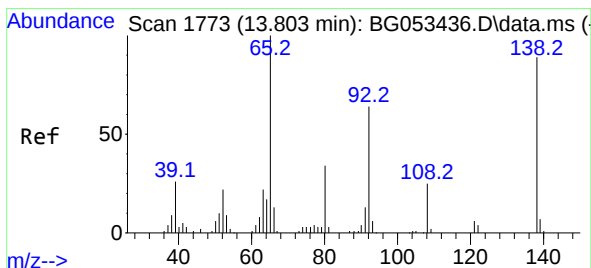
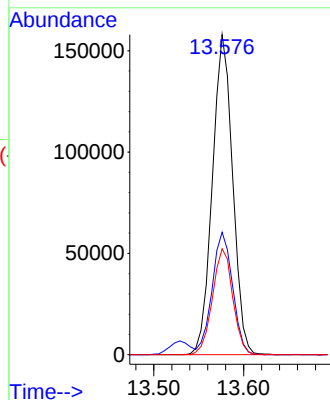
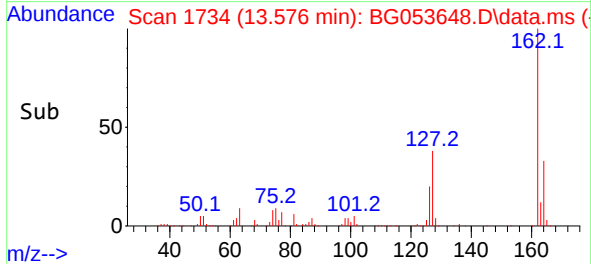
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



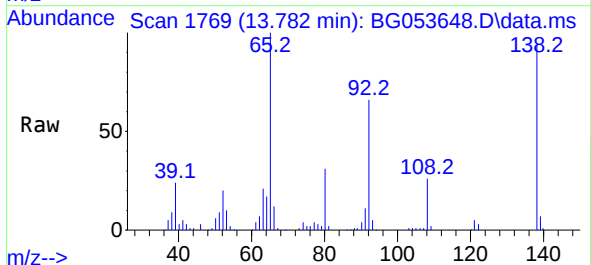
Tgt Ion:162 Resp: 24748
Ion Ratio Lower Upper
162 100
127 38.3 30.6 45.8
164 33.1 26.5 39.7

Manual Integrations
APPROVED

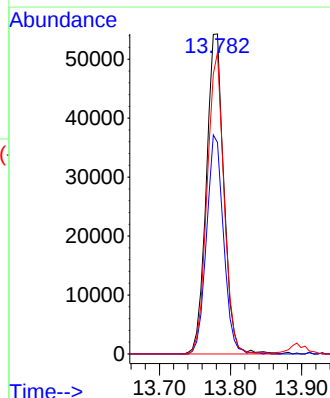
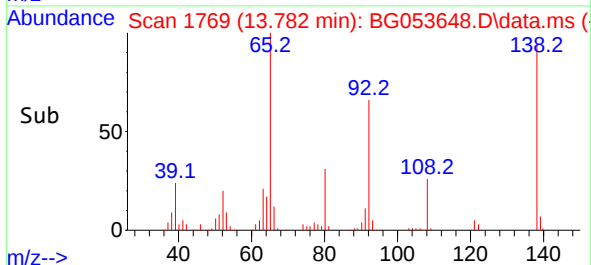
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

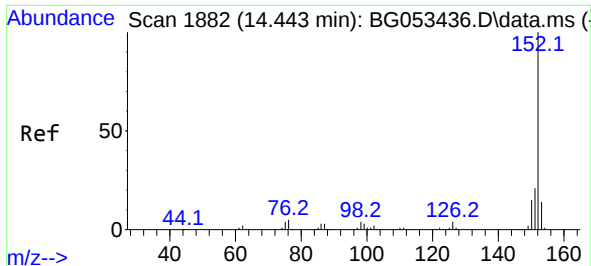


#48
2-Nitroaniline
Concen: 52.375 ng
RT: 13.782 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



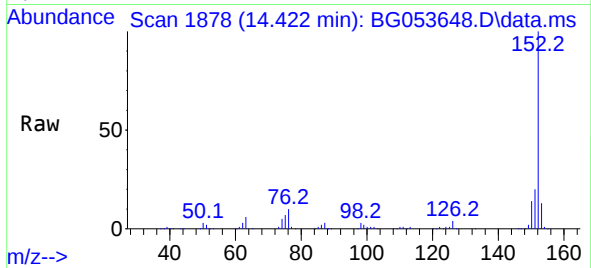
Tgt Ion: 65 Resp: 93185
Ion Ratio Lower Upper
65 100
92 66.1 51.5 77.3
138 94.2 71.3 106.9





#49
Acenaphthylene
Concen: 53.936 ng
RT: 14.422 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

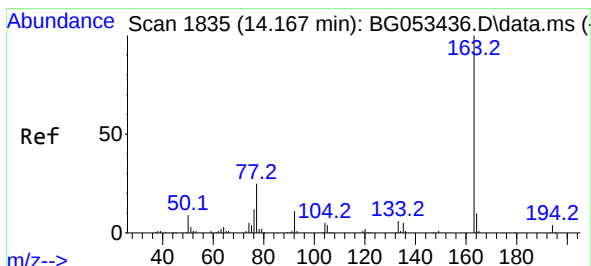
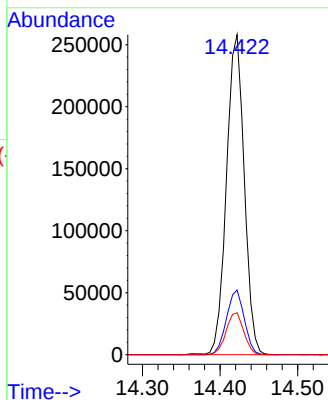
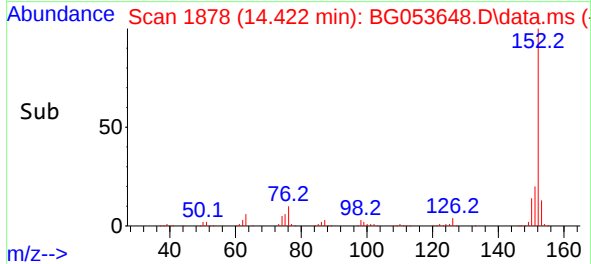
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



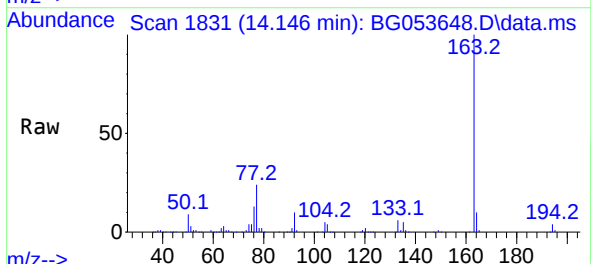
Tgt Ion:152 Resp: 410958
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.8 16.2

Manual Integrations
APPROVED

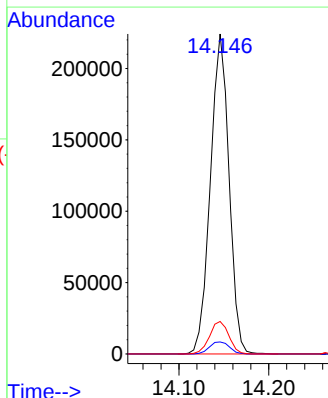
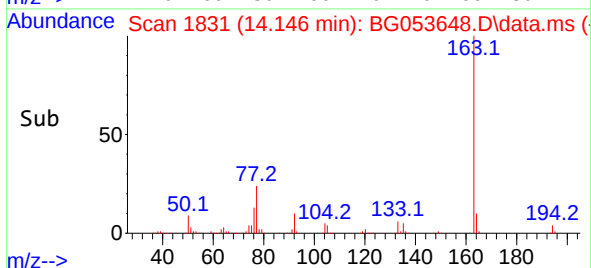
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

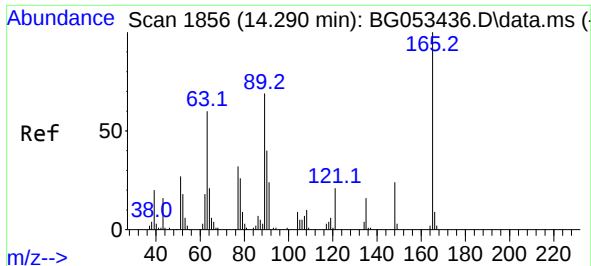


#50
Dimethylphthalate
Concen: 47.475 ng
RT: 14.146 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



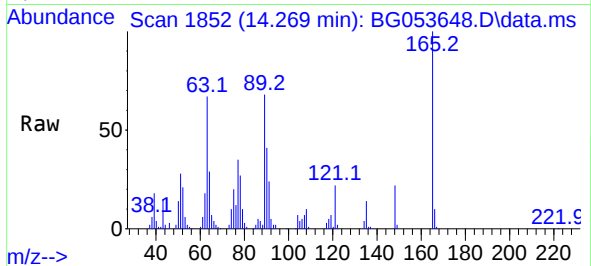
Tgt Ion:163 Resp: 322550
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.171 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

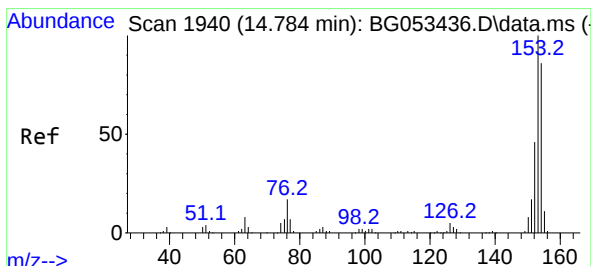
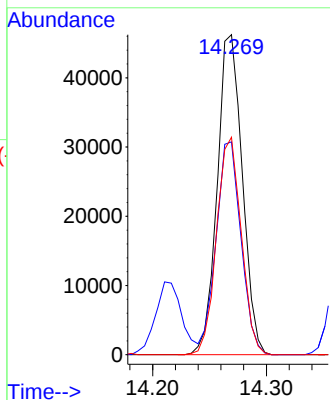
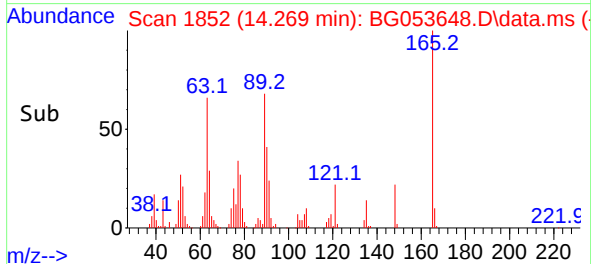
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



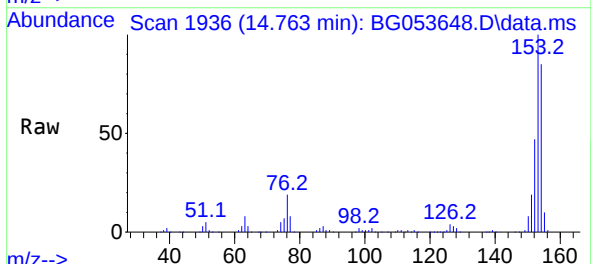
Tgt Ion:165 Resp: 70830
Ion Ratio Lower Upper
165 100
63 66.5 54.1 81.1
89 68.0 54.8 82.2

Manual Integrations
APPROVED

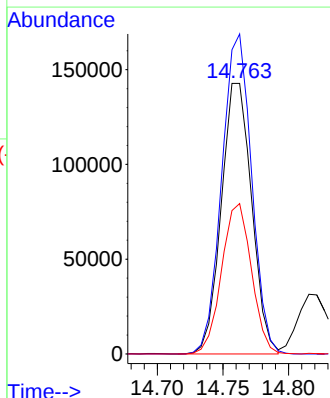
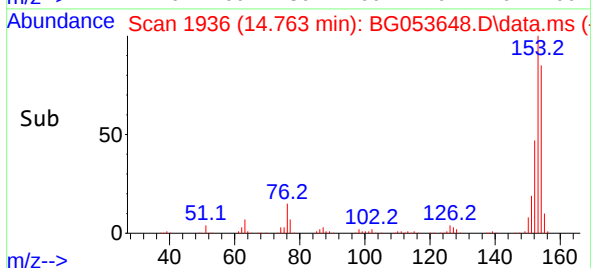
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

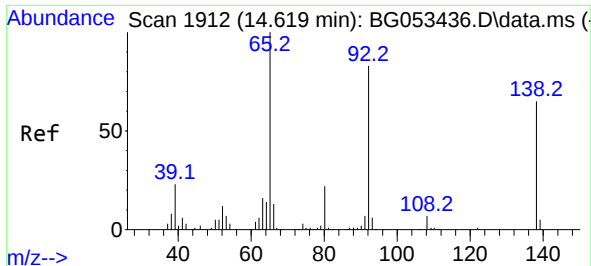


#52
Acenaphthene
Concen: 50.644 ng
RT: 14.763 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



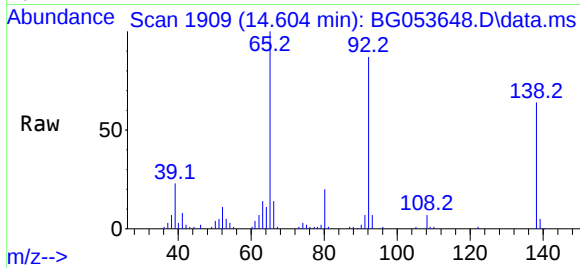
Tgt Ion:154 Resp: 229963
Ion Ratio Lower Upper
154 100
153 118.2 92.7 139.1
152 55.6 42.6 64.0





#53
3-Nitroaniline
Concen: 33.451 ng
RT: 14.604 min Scan# 1909
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

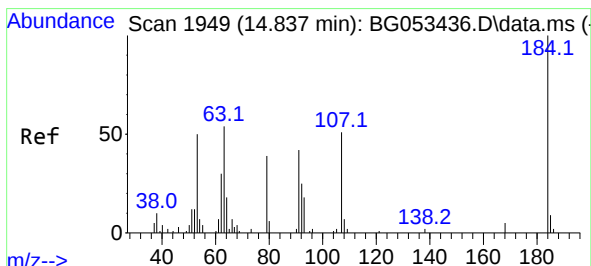
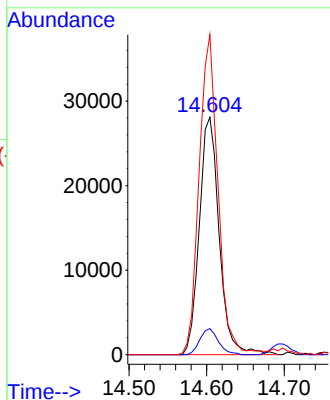
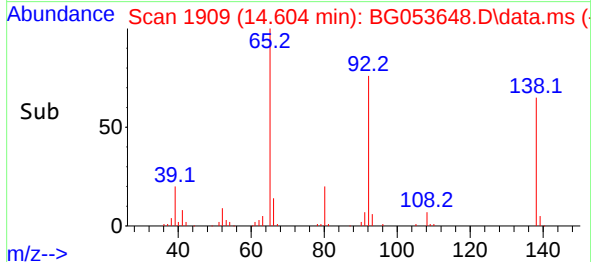
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



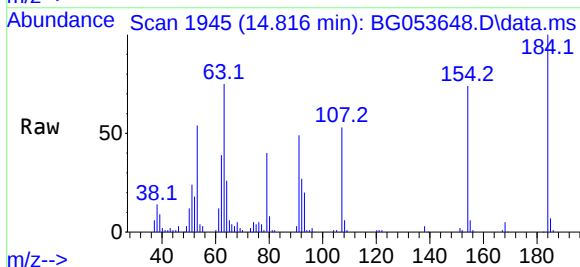
Tgt Ion:138 Resp: 50030
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 134.8 101.9 152.9

Manual Integrations
APPROVED

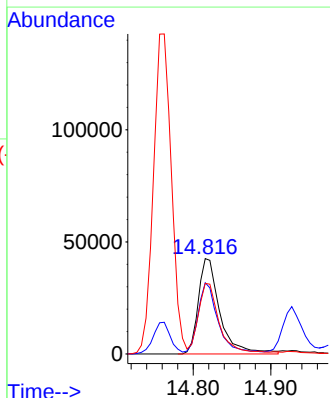
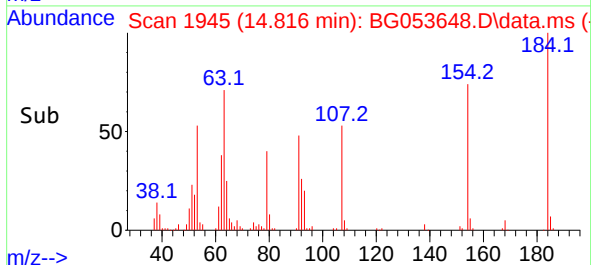
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

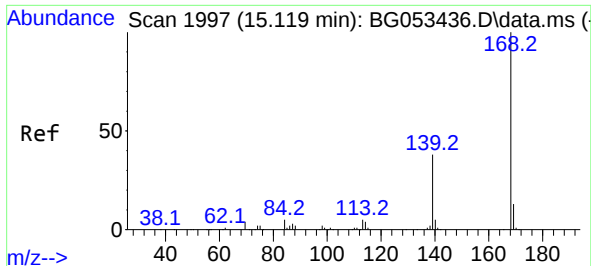


#54
2,4-Dinitrophenol
Concen: 92.689 ng
RT: 14.816 min Scan# 1945
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



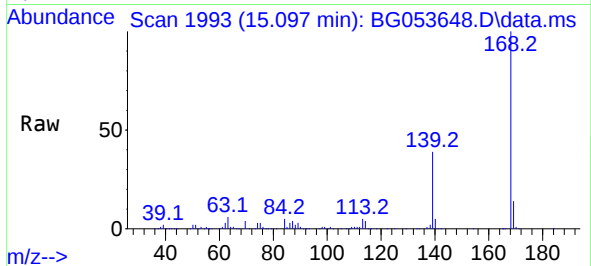
Tgt Ion:184 Resp: 82384
Ion Ratio Lower Upper
184 100
63 74.6 61.1 91.7
154 74.0 60.6 91.0





#55
Dibenzofuran
Concen: 47.724 ng
RT: 15.097 min Scan# 1997
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

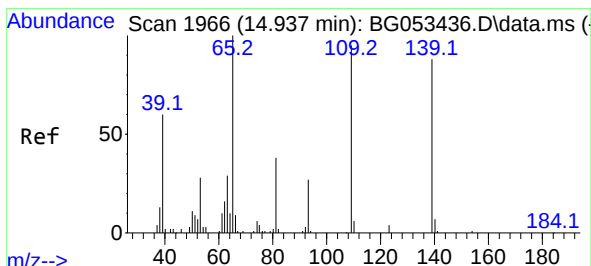
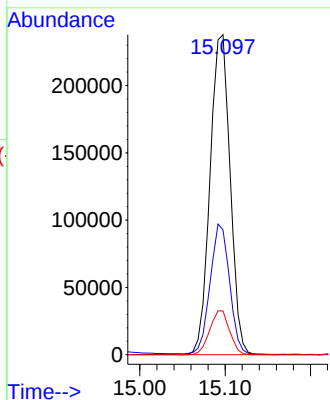
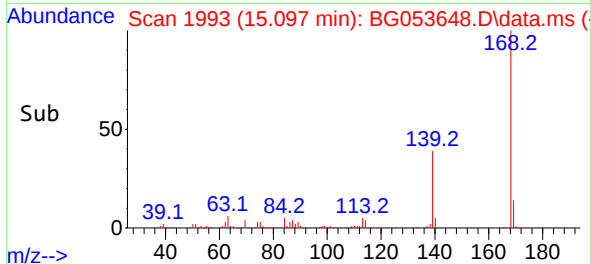
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



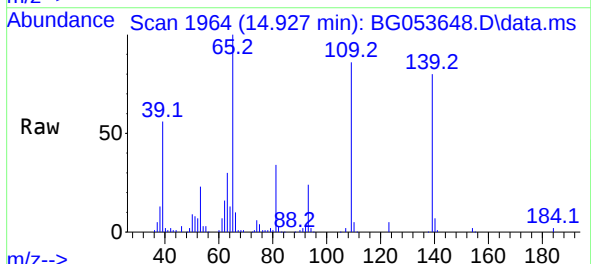
Tgt Ion:168 Resp: 38924
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.7 10.3 15.5

Manual Integrations
APPROVED

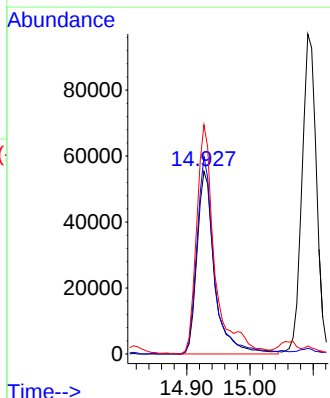
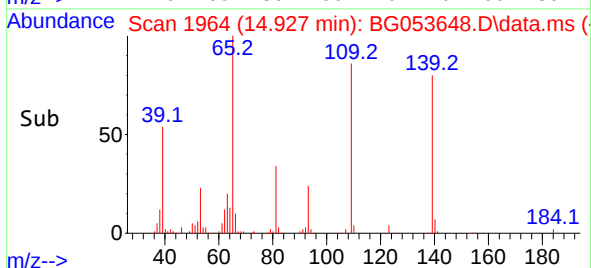
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

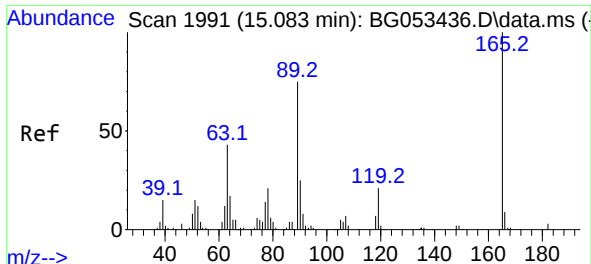


#56
4-Nitrophenol
Concen: 100.433 ng
RT: 14.927 min Scan# 1964
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



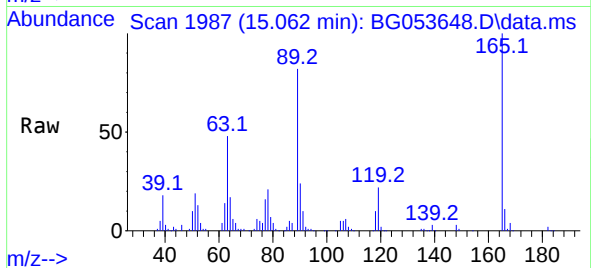
Tgt Ion:139 Resp: 107286
Ion Ratio Lower Upper
139 100
109 108.1 88.5 128.5
65 125.5 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 48.671 ng
RT: 15.062 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

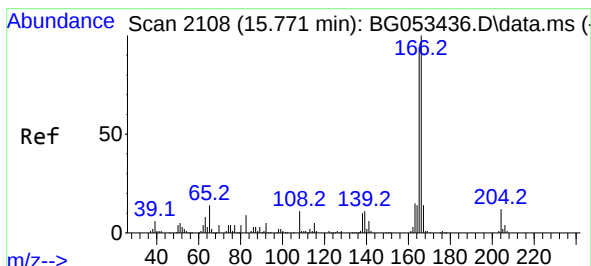
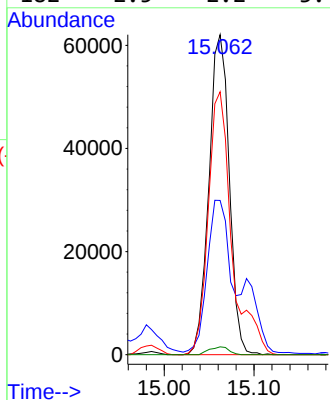
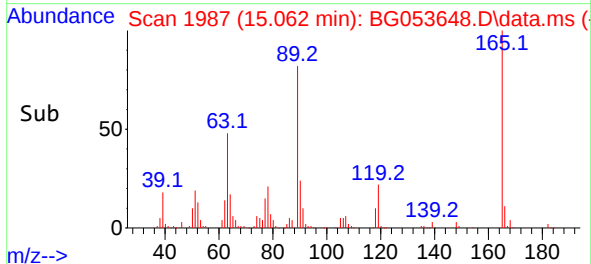
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



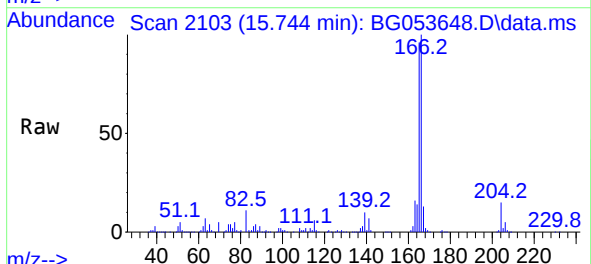
Tgt Ion:165 Resp: 9765
Ion Ratio Lower Upper
165 100
63 48.2 34.6 52.0
89 82.2 60.3 90.5
182 2.5 2.2 3.4

Manual Integrations
APPROVED

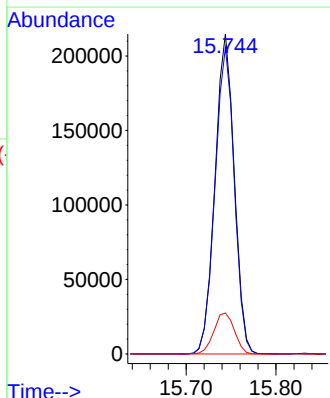
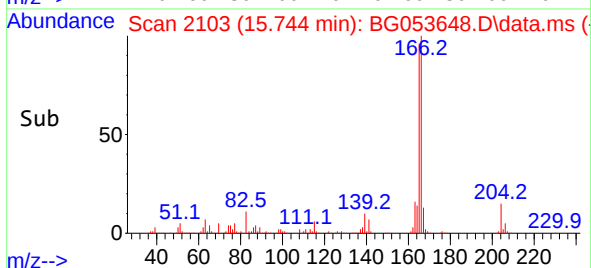
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#58
Fluorene
Concen: 48.827 ng
RT: 15.744 min Scan# 2103
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



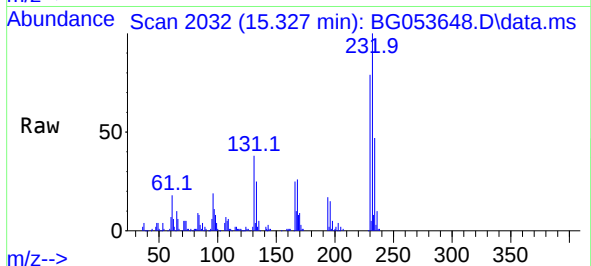
Tgt Ion:166 Resp: 319579
Ion Ratio Lower Upper
166 100
165 95.8 75.0 112.6
167 12.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.409 ng
RT: 15.327 min Scan# 2032
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

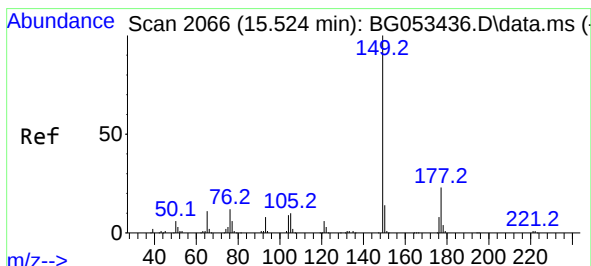
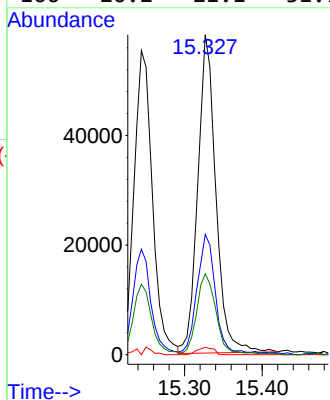
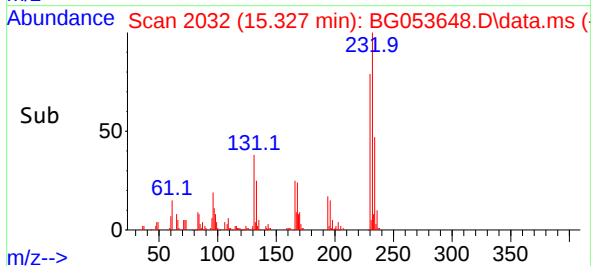
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



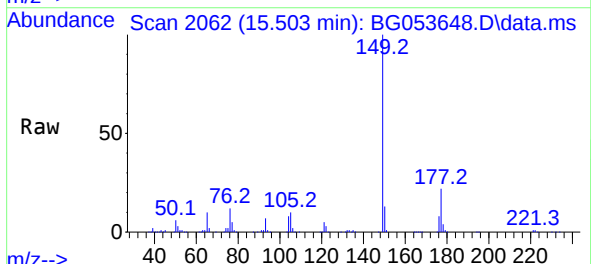
Tgt Ion:232 Resp: 94179
Ion Ratio Lower Upper
232 100
131 36.8 30.6 46.0
130 2.1 1.8 2.8
166 26.2 21.1 31.7

Manual Integrations
APPROVED

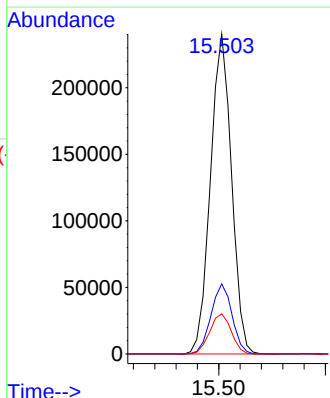
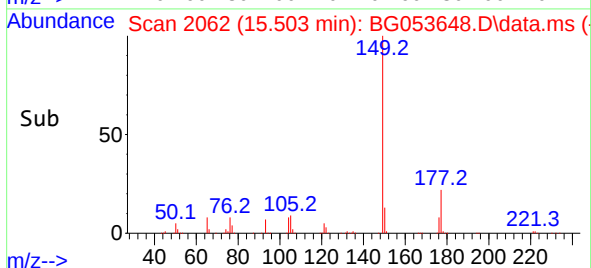
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

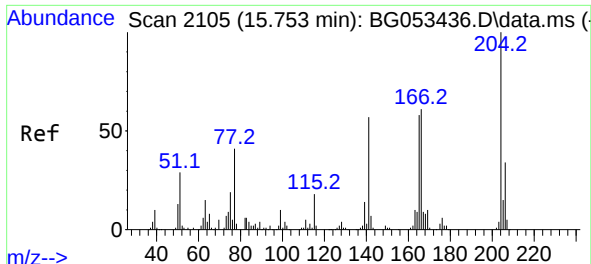


#60
Diethylphthalate
Concen: 46.979 ng
RT: 15.503 min Scan# 2062
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



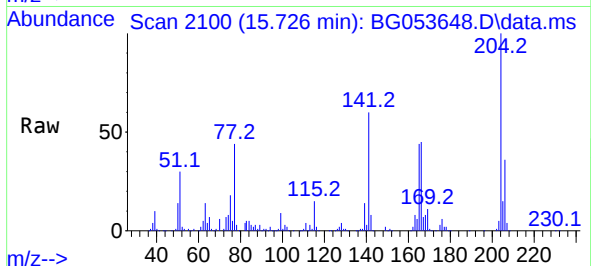
Tgt Ion:149 Resp: 329705
Ion Ratio Lower Upper
149 100
177 21.9 18.4 27.6
150 12.6 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 47.081 ng
RT: 15.726 min Scan# 2105
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

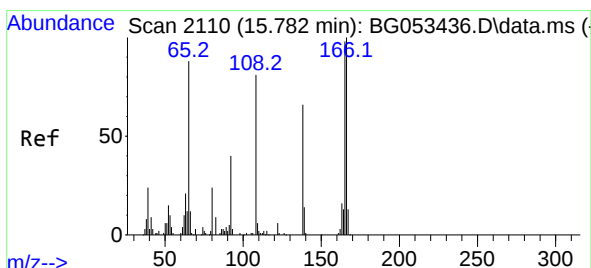
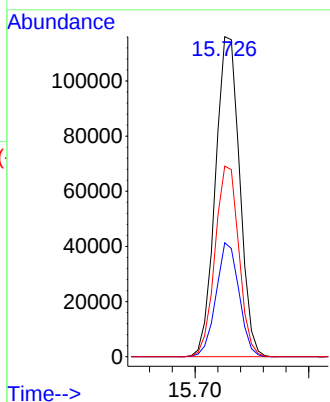
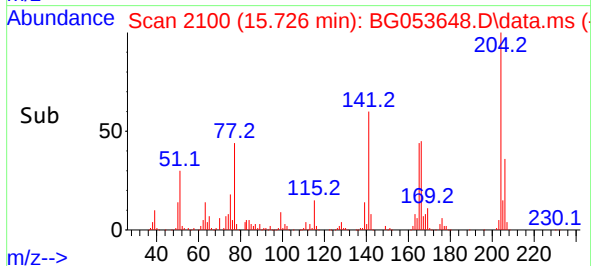
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:204 Resp: 17195
Ion Ratio Lower Upper
204 100
206 35.6 27.5 41.3
141 59.6 45.3 67.9

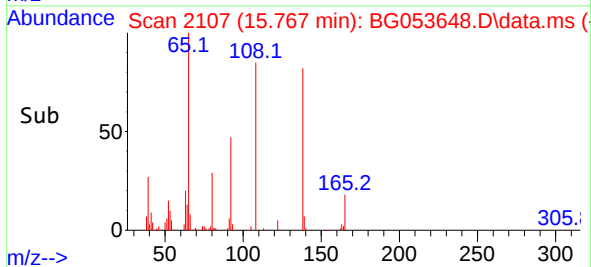
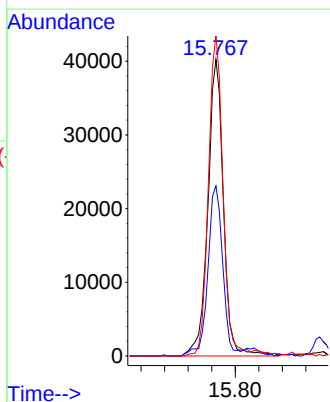
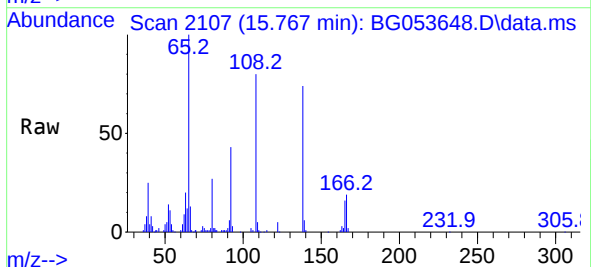
Manual Integrations
APPROVED

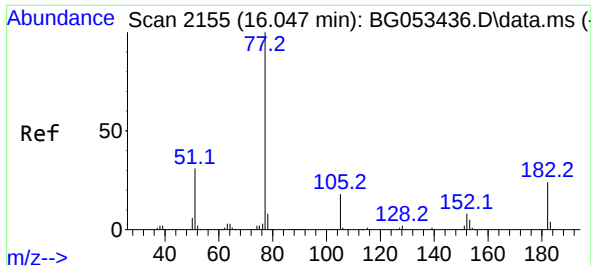
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#62
4-Nitroaniline
Concen: 47.692 ng
RT: 15.767 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

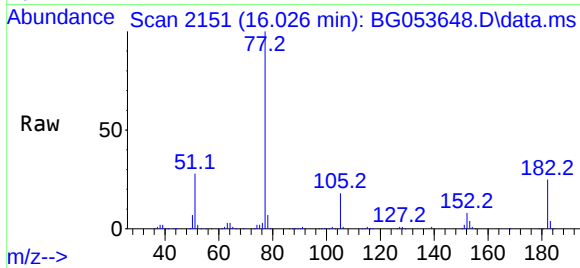
Tgt Ion:138 Resp: 73982
Ion Ratio Lower Upper
138 100
92 57.4 40.5 80.5
108 108.0 103.7 143.7





#63
Azobenzene
Concen: 47.716 ng
RT: 16.026 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

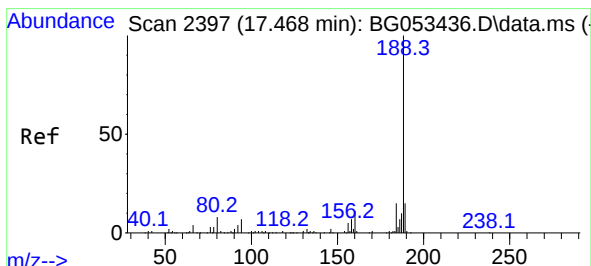
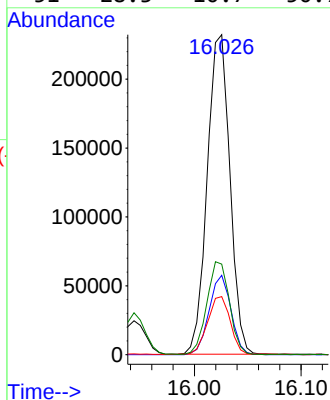
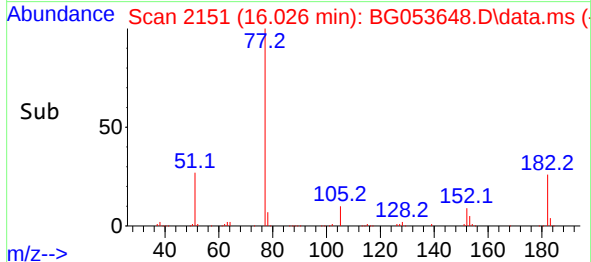
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



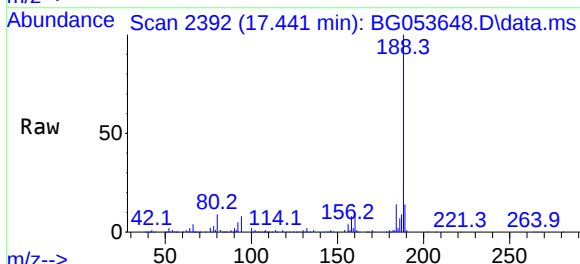
Tgt Ion: 77 Resp: 342915
Ion Ratio Lower Upper
77 100
182 24.8 3.8 43.8
105 18.2 0.0 37.8
51 28.3 10.7 50.7

Manual Integrations
APPROVED

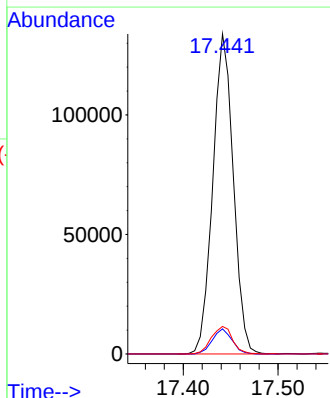
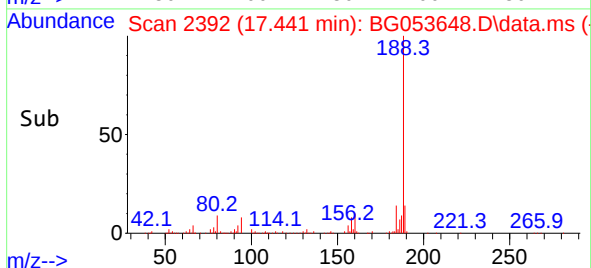
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

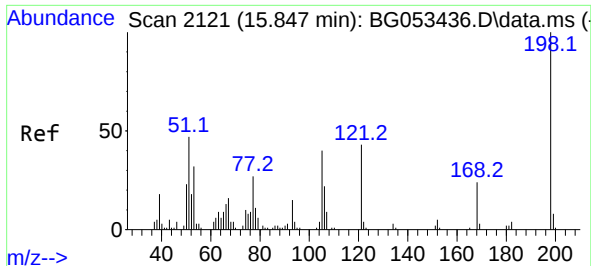


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



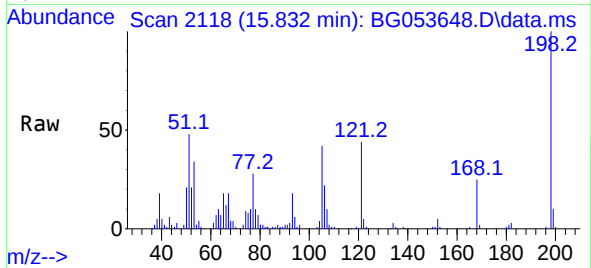
Tgt Ion:188 Resp: 201551
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.204 ng
RT: 15.832 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

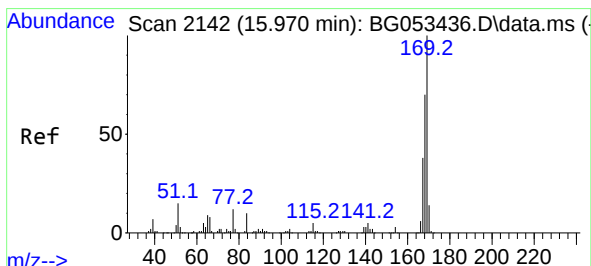
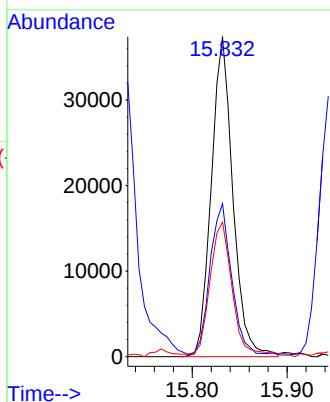
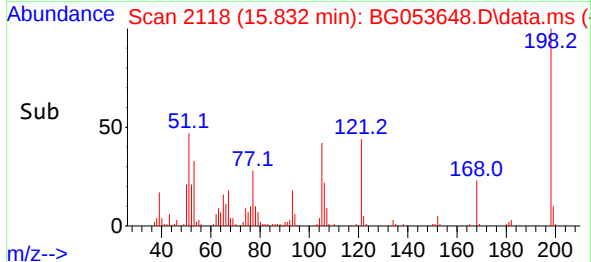
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



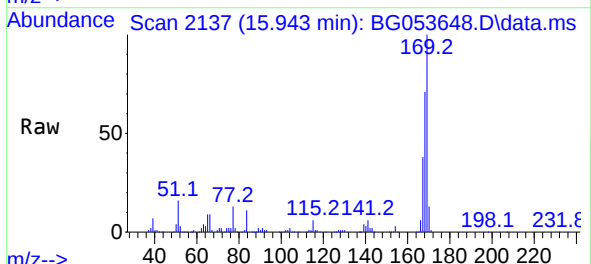
Tgt Ion:198 Resp: 59094
Ion Ratio Lower Upper
198 100
51 47.8 28.1 68.1
105 42.1 20.3 60.3

Manual Integrations
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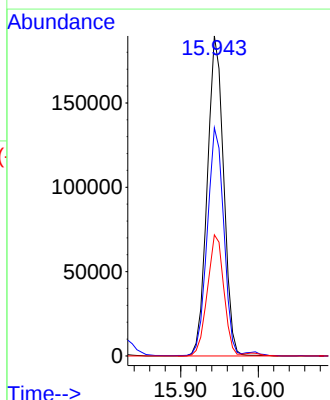
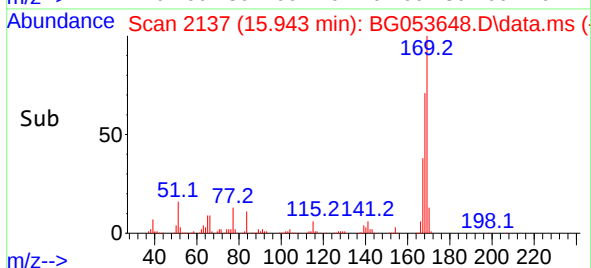
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#66
n-Nitrosodiphenylamine
Concen: 52.546 ng
RT: 15.943 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



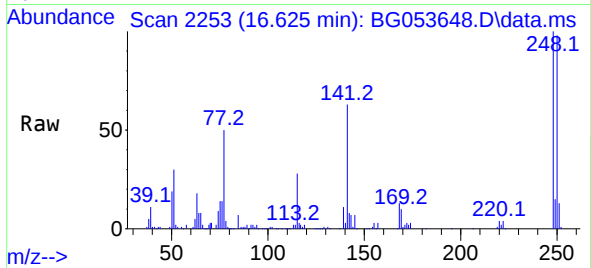
Tgt Ion:169 Resp: 278061
Ion Ratio Lower Upper
169 100
168 71.3 55.9 83.9
167 37.9 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 50.676 ng
RT: 16.625 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

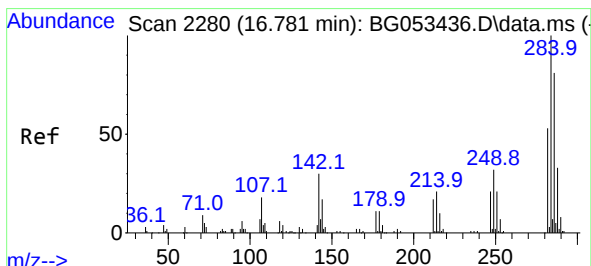
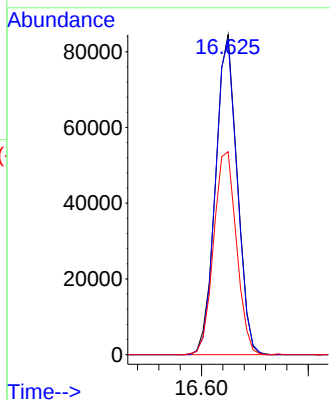
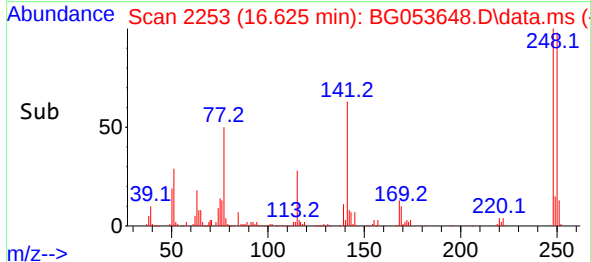
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



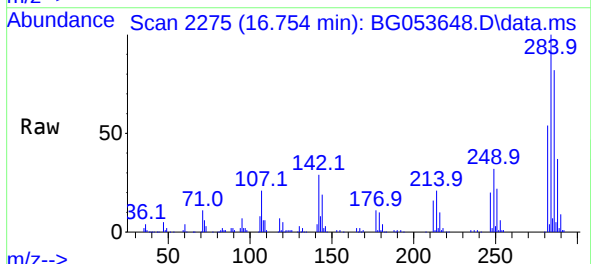
Tgt Ion:248 Resp: 119285
Ion Ratio Lower Upper
248 100
250 98.3 75.2 112.8
141 63.5 50.0 75.0

Manual Integrations
APPROVED

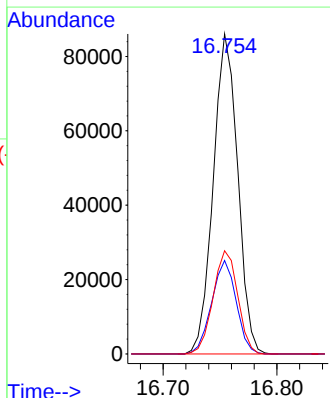
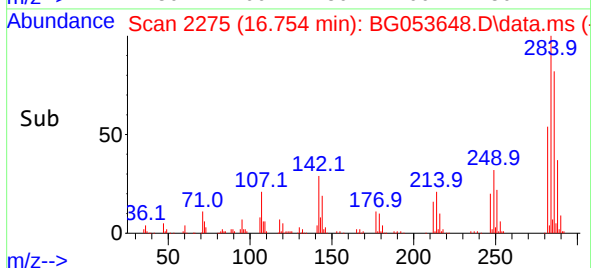
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#68
Hexachlorobenzene
Concen: 49.795 ng
RT: 16.754 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



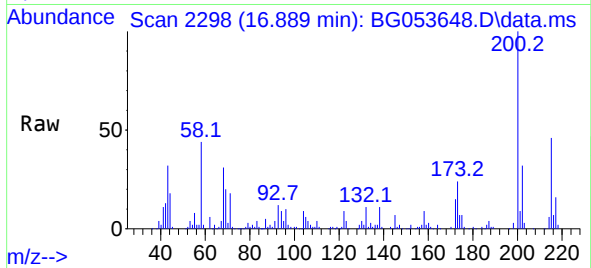
Tgt Ion:284 Resp: 128369
Ion Ratio Lower Upper
284 100
142 29.2 23.6 35.4
249 32.2 25.8 38.6





#69
Atrazine
Concen: 50.881 ng
RT: 16.889 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

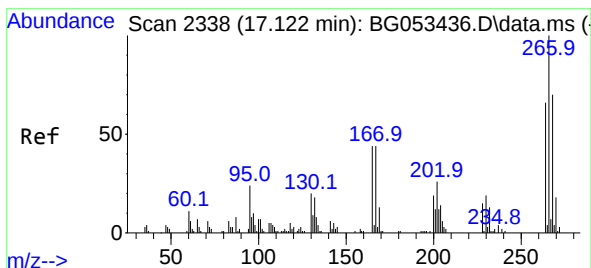
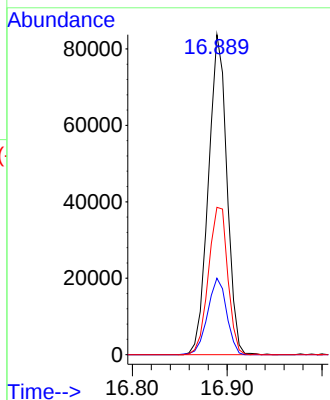
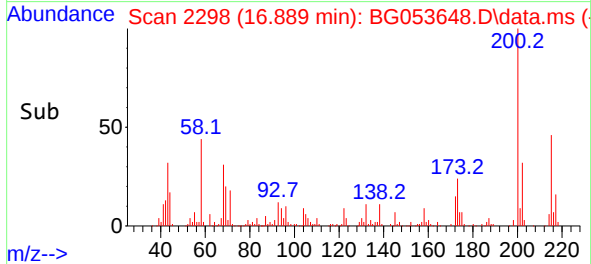
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



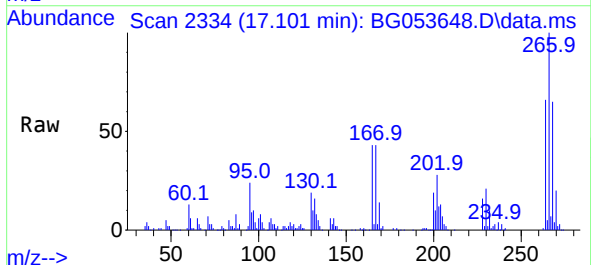
Tgt Ion:200 Resp: 113349
Ion Ratio Lower Upper
200 100
173 23.9 3.7 43.7
215 46.0 25.2 65.2

Manual Integrations
APPROVED

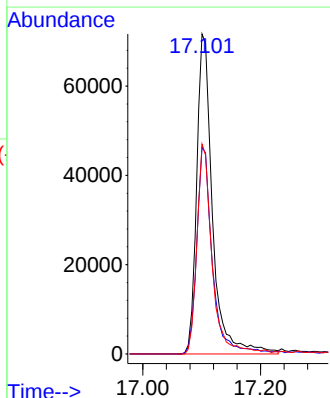
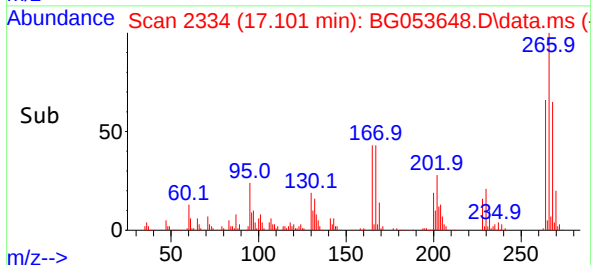
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

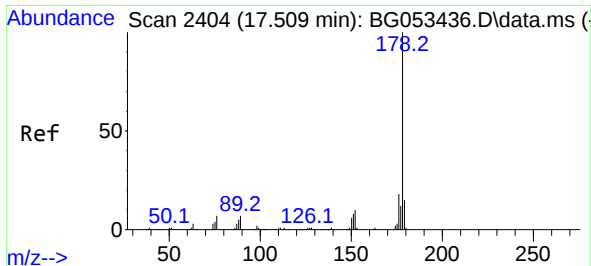


#70
Pentachlorophenol
Concen: 95.372 ng
RT: 17.101 min Scan# 2334
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



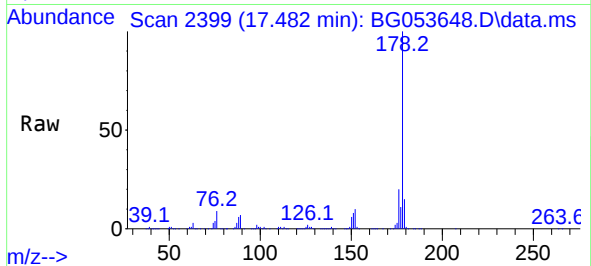
Tgt Ion:266 Resp: 133722
Ion Ratio Lower Upper
266 100
268 64.5 56.2 84.2
264 65.6 53.0 79.4





#71
Phenanthrene
Concen: 50.190 ng
RT: 17.482 min Scan# 21436
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

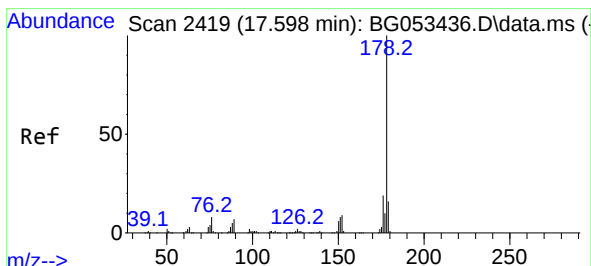
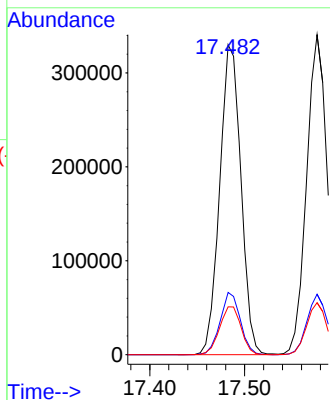
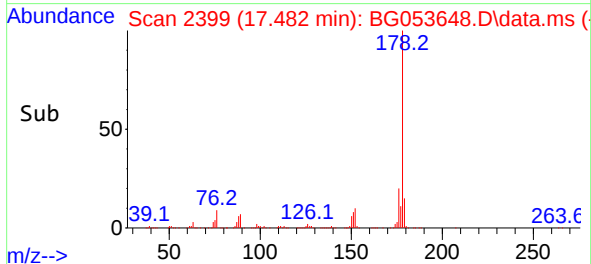
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:178 Resp: 51436
Ion Ratio Lower Upper
178 100
176 20.1 14.1 21.1
179 15.5 12.1 18.1

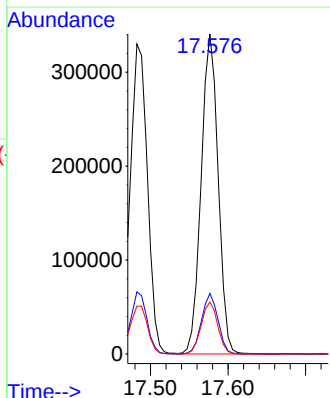
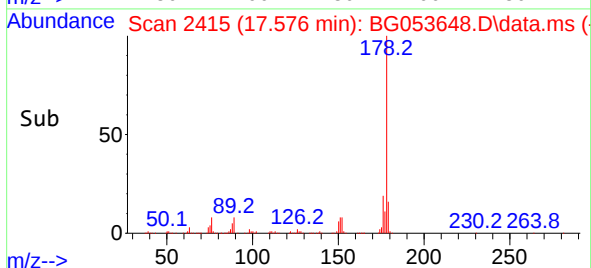
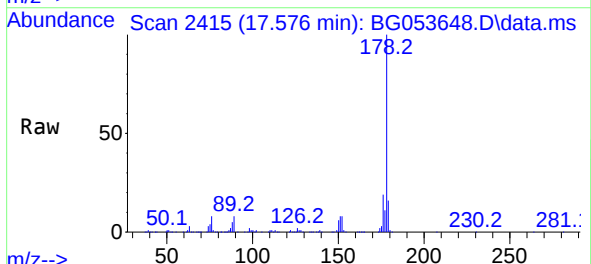
Manual Integrations
APPROVED

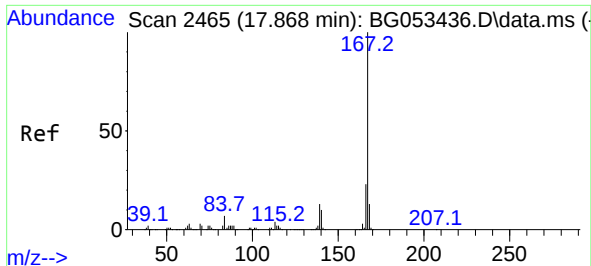
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#72
Anthracene
Concen: 51.372 ng
RT: 17.576 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

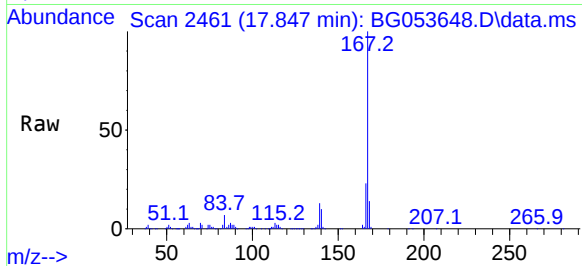
Tgt Ion:178 Resp: 517490
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.3 13.0 19.4





#73
Carbazole
Concen: 47.503 ng
RT: 17.847 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

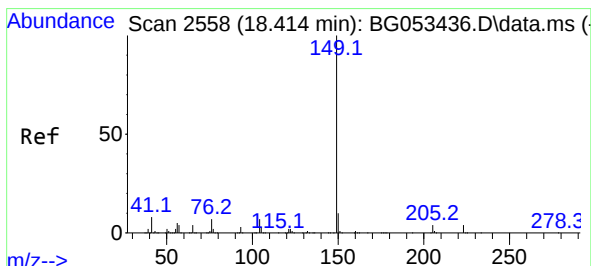
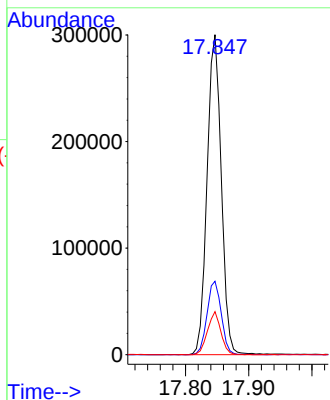
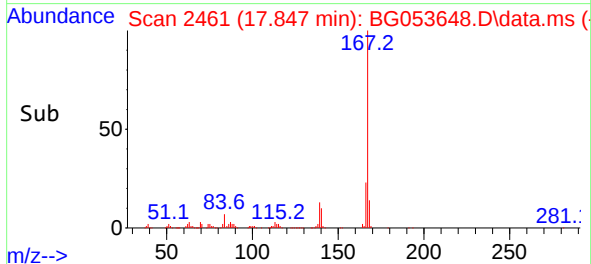
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



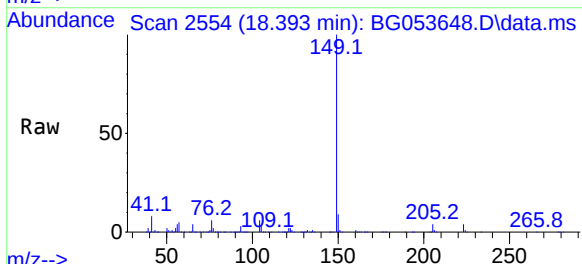
Tgt Ion:167 Resp: 468974
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 13.4 10.1 15.1

Manual Integrations
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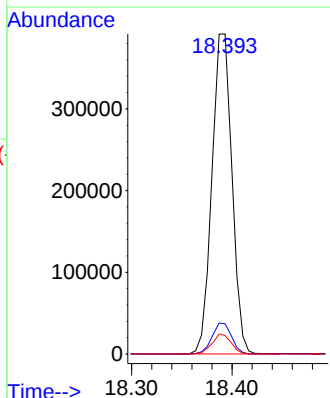
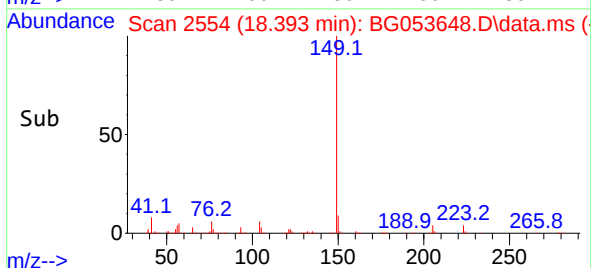
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

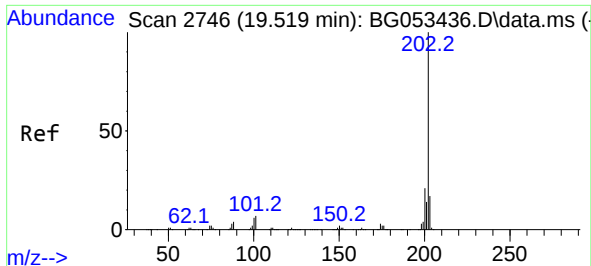


#74
Di-n-butylphthalate
Concen: 48.763 ng
RT: 18.393 min Scan# 2554
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



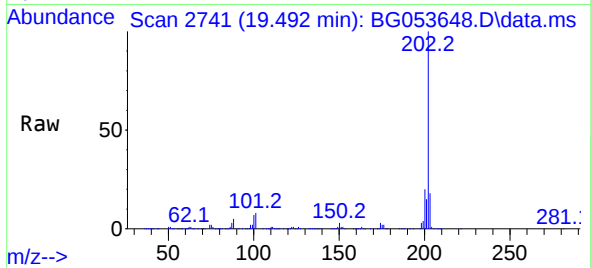
Tgt Ion:149 Resp: 541430
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.7 5.4 8.0





#75
Fluoranthene
Concen: 46.034 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

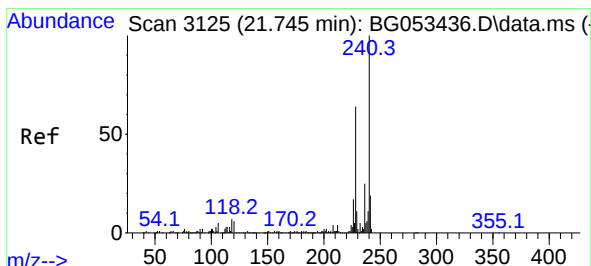
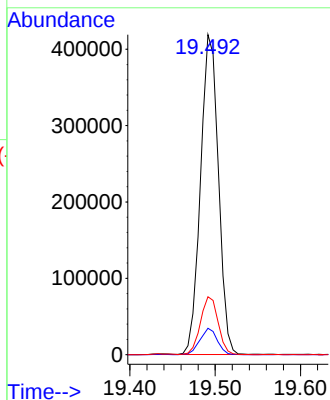
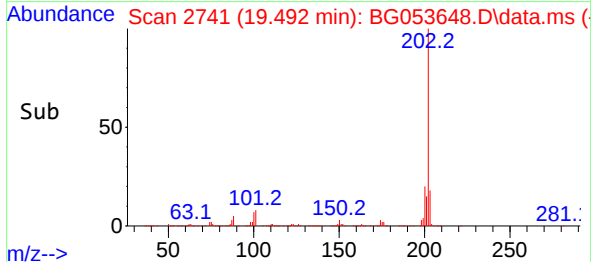
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:202 Resp: 61086
Ion Ratio Lower Upper
202 100
101 8.3 0.0 26.9
203 18.1 0.0 37.2

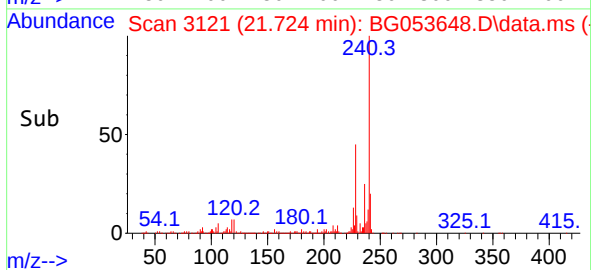
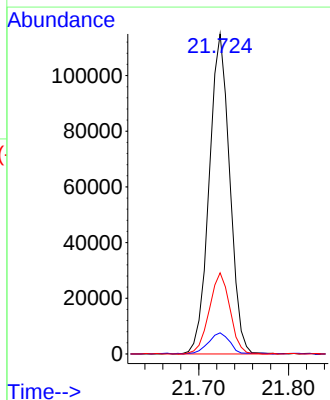
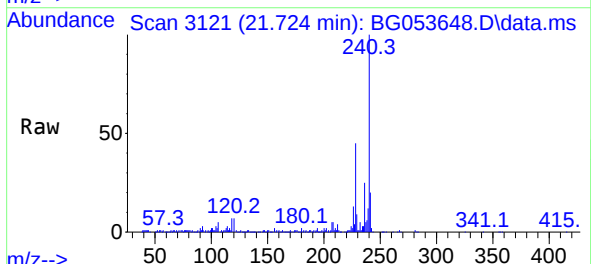
Manual Integrations
APPROVED

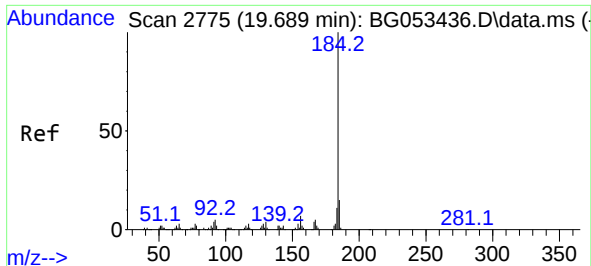
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

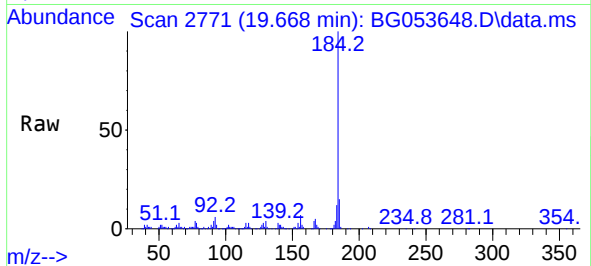
Tgt Ion:240 Resp: 182455
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.4 20.2 30.4





#77
Benzidine
Concen: 47.970 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

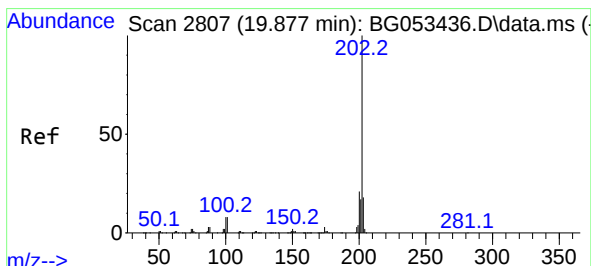
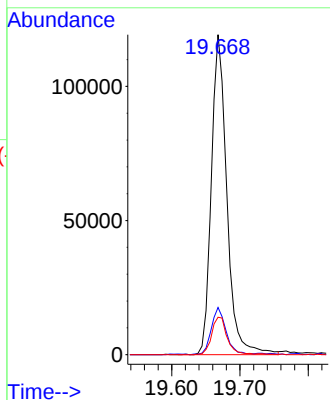
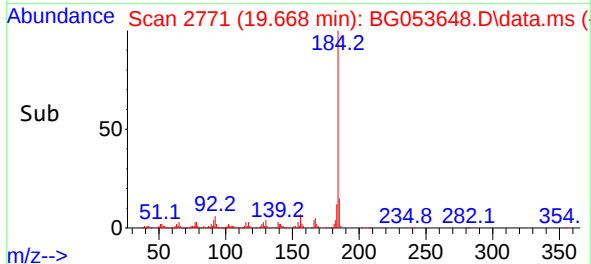
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:184 Resp: 188644
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 11.7 8.9 13.3

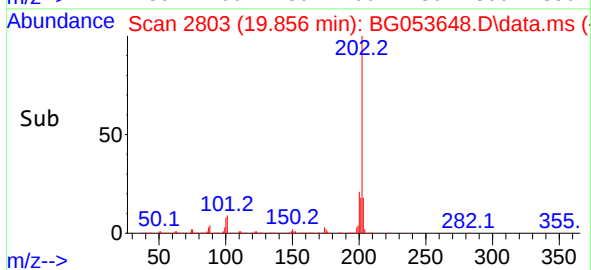
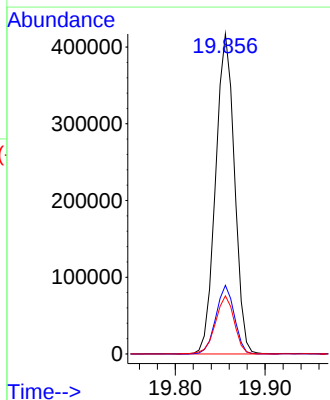
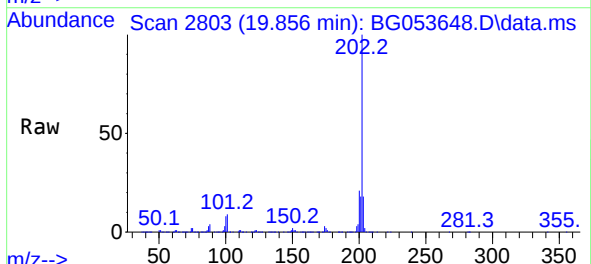
Manual Integrations
APPROVED

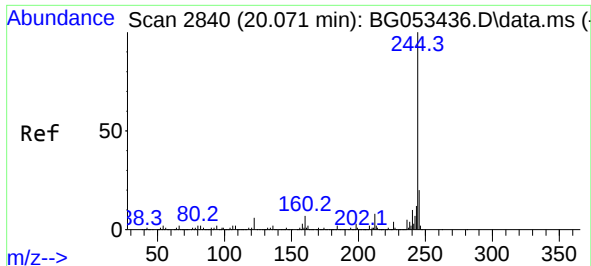
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#78
Pyrene
Concen: 51.535 ng
RT: 19.856 min Scan# 2803
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

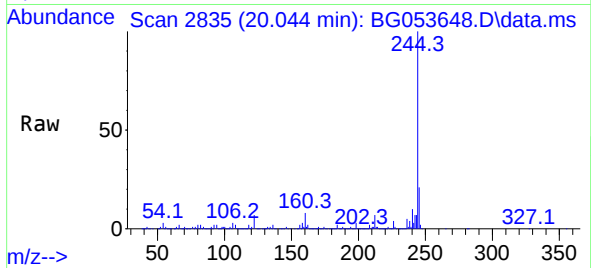
Tgt Ion:202 Resp: 608691
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 18.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 81.849 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053648.D
 Acq: 20 May 2022 17:45

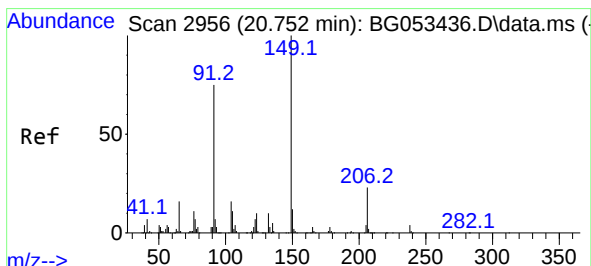
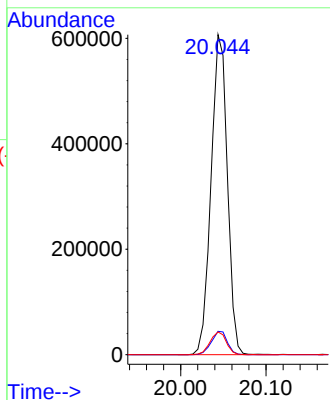
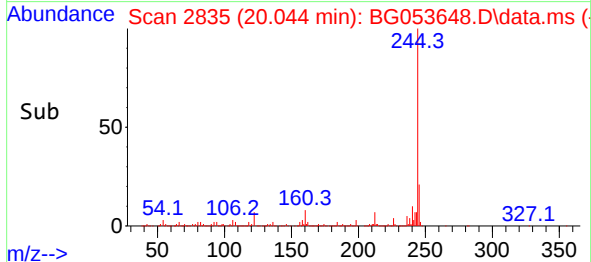
Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MSD



Tgt Ion:244 Resp: 80182
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.1 5.0 7.4

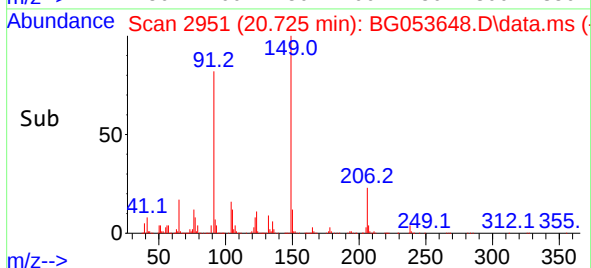
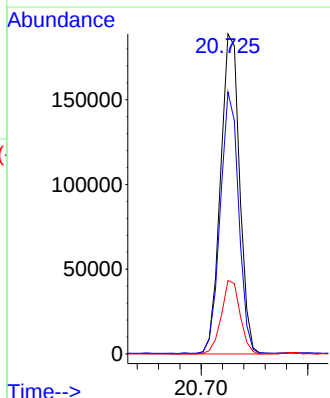
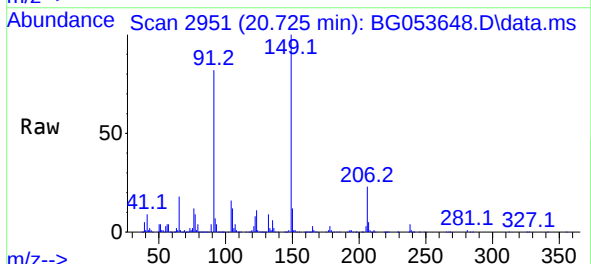
Manual Integrations
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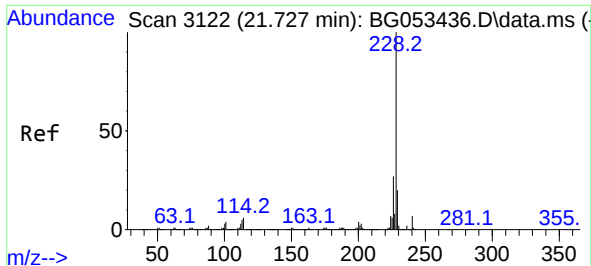
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022



#80
 Butylbenzylphthalate
 Concen: 54.165 ng
 RT: 20.725 min Scan# 2951
 Delta R.T. -0.009 min
 Lab File: BG053648.D
 Acq: 20 May 2022 17:45

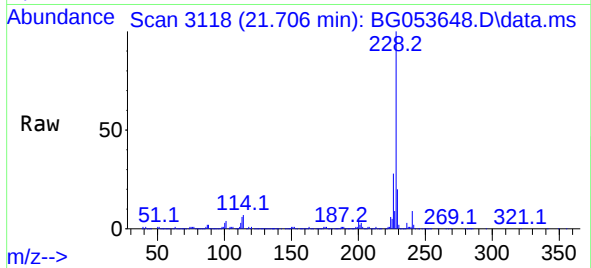
Tgt Ion:149 Resp: 234593
 Ion Ratio Lower Upper
 149 100
 91 81.8 59.6 89.4
 206 22.9 18.6 28.0





#81
Benzo(a)anthracene
Concen: 50.640 ng
RT: 21.706 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

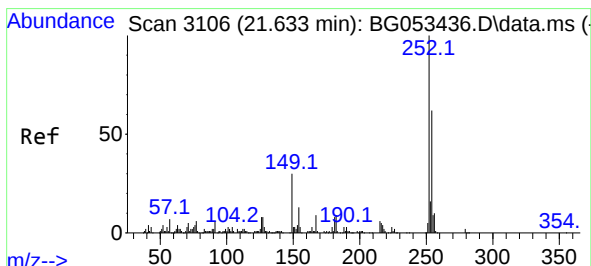
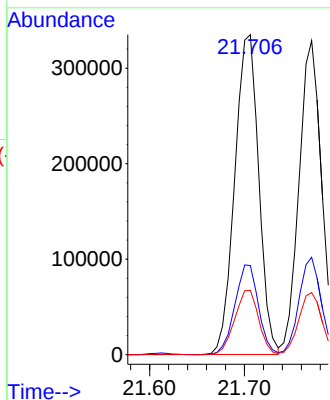
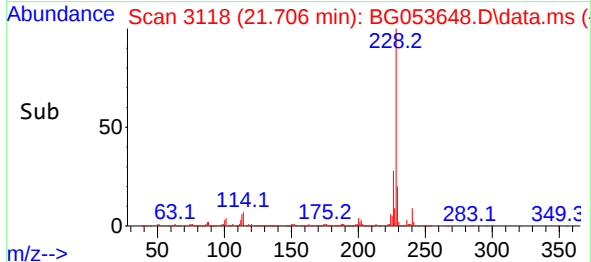
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:228 Resp: 58931
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.1 16.2 24.2

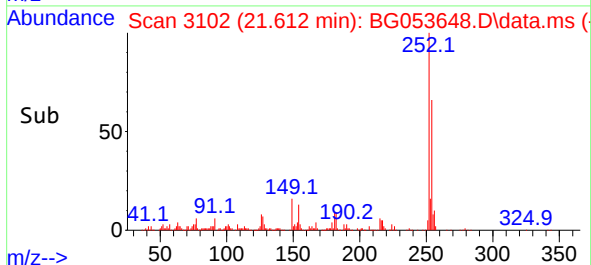
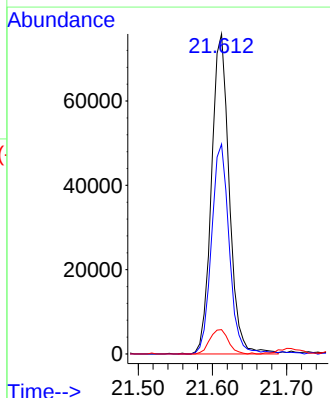
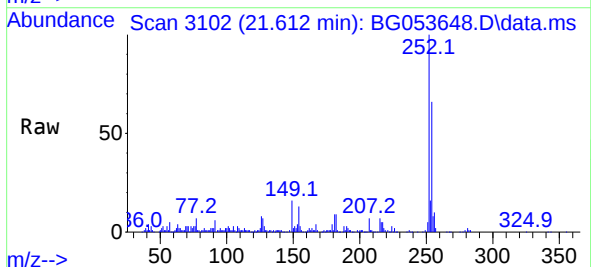
Manual Integrations
APPROVED

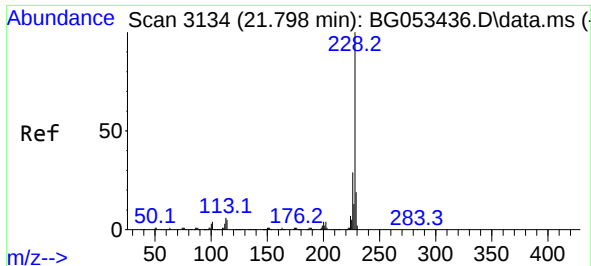
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.724 ng
RT: 21.612 min Scan# 3102
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

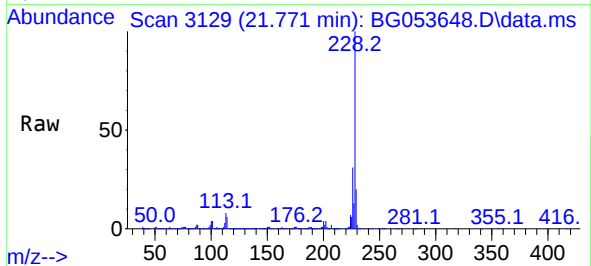
Tgt Ion:252 Resp: 126084
Ion Ratio Lower Upper
252 100
254 65.5 49.8 74.8
126 7.6 6.0 9.0





#83
Chrysene
Concen: 49.714 ng
RT: 21.771 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

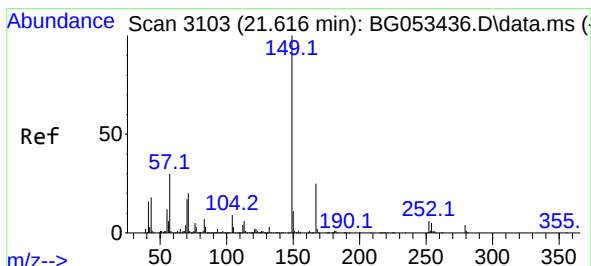
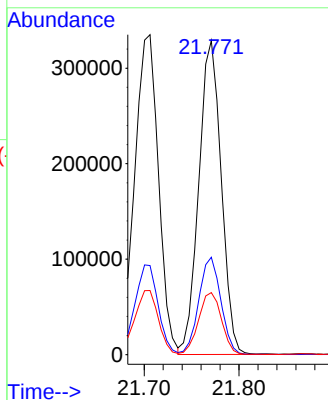
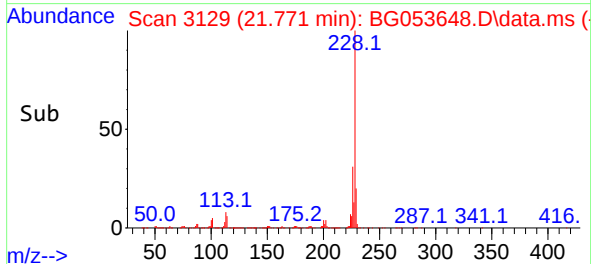
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:228 Resp: 54033
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 19.8 15.5 23.3

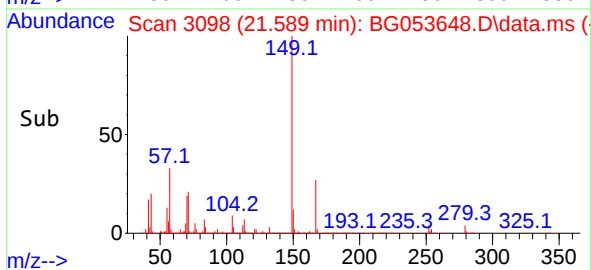
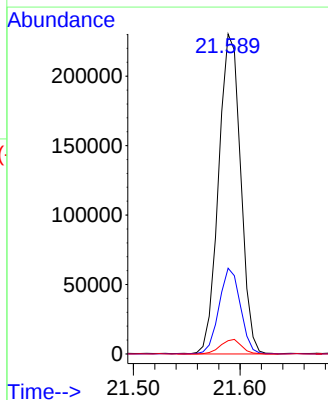
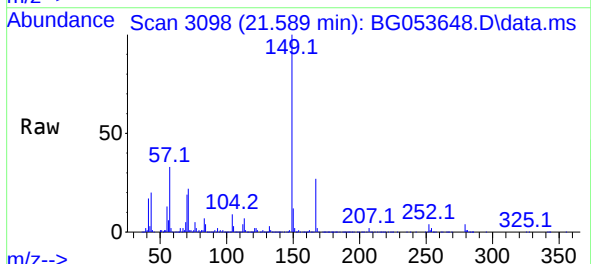
Manual Integrations
APPROVED

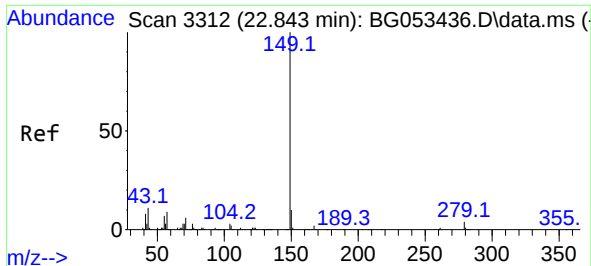
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.230 ng
RT: 21.589 min Scan# 3098
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

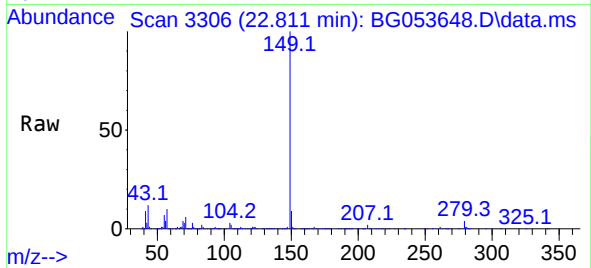
Tgt Ion:149 Resp: 330161
Ion Ratio Lower Upper
149 100
167 26.8 20.2 30.4
279 4.1 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 55.080 ng
RT: 22.811 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

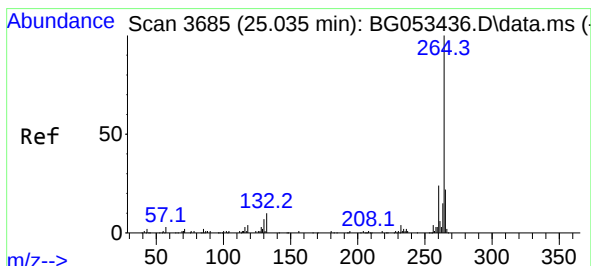
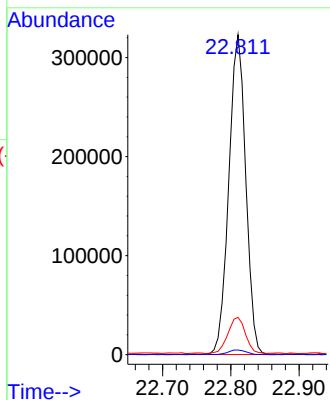
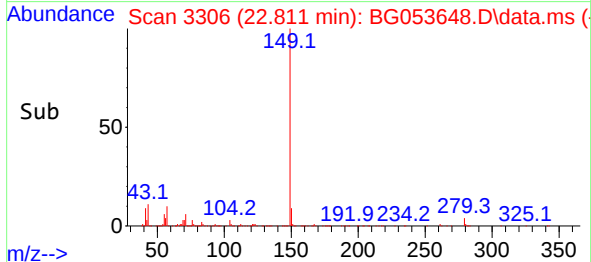
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:149 Resp: 556780
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.6 9.0 13.4

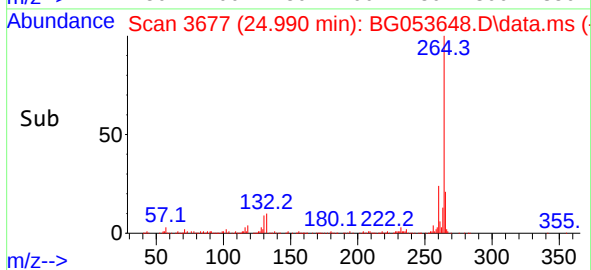
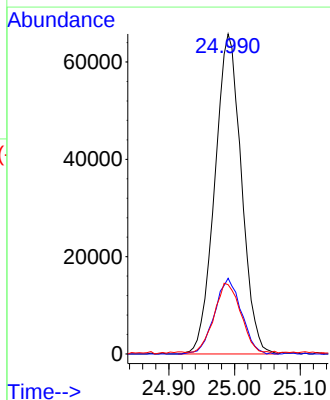
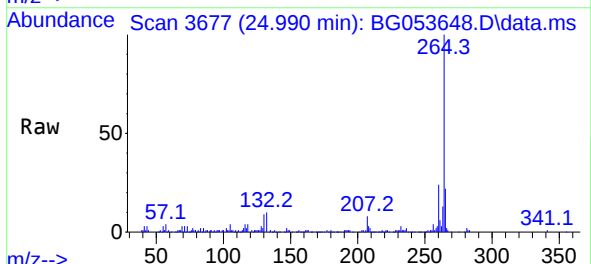
Manual Integrations
APPROVED

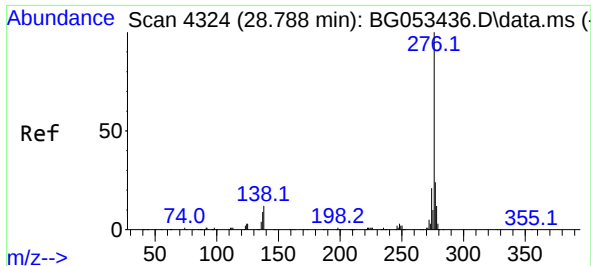
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.990 min Scan# 3677
Delta R.T. -0.015 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

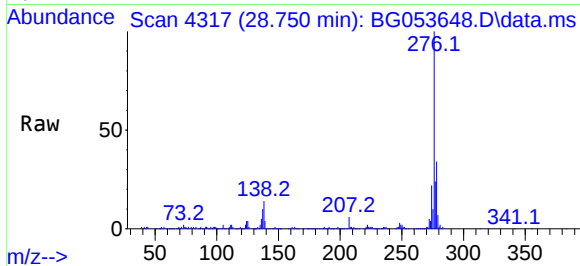
Tgt Ion:264 Resp: 184457
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.765 ng
RT: 28.750 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

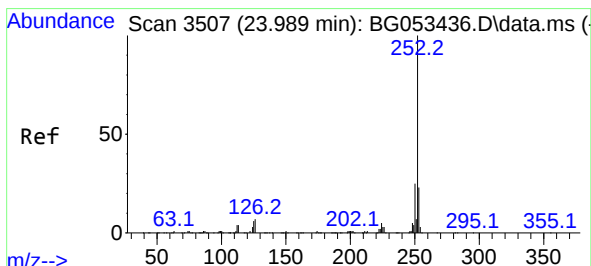
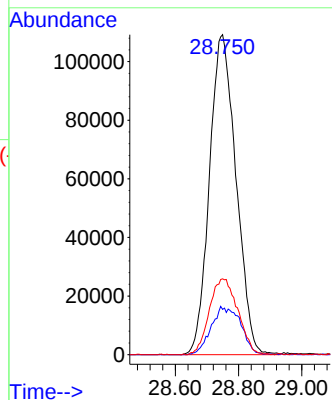
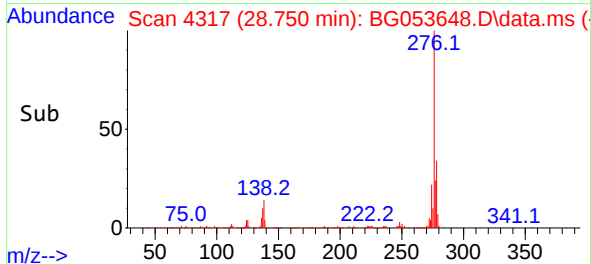
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



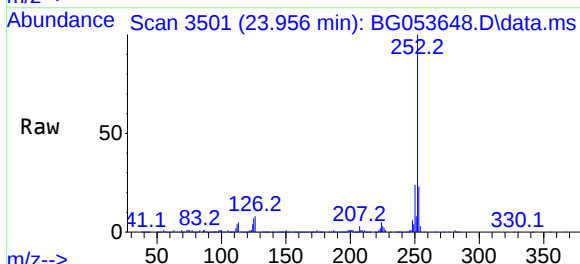
Tgt Ion: 276 Resp: 639330
Ion Ratio Lower Upper
276 100
138 8.7 5.0 7.4
277 25.5 20.3 30.5

Manual Integrations
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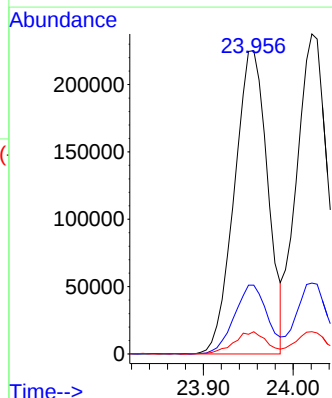
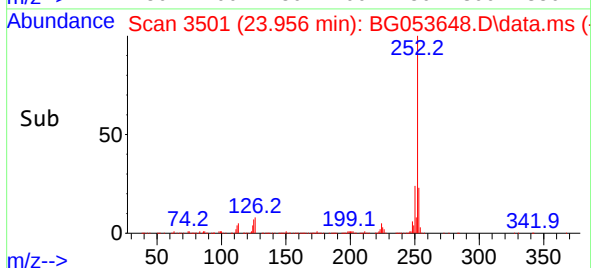
Reviewed By : Christian Giraldo 05/23/2022
Supervised By : Jagrut Upadhyay 05/23/2022

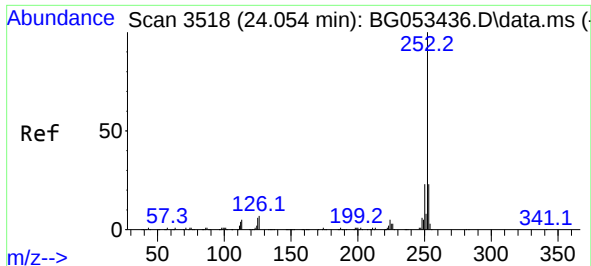


#88
Benzo(b)fluoranthene
Concen: 53.163 ng
RT: 23.956 min Scan# 3501
Delta R.T. -0.003 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45



Tgt Ion: 252 Resp: 580453
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 7.3 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 53.154 ng

RT: 24.021 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

Instrument :

BNA_G

ClientSampleId :

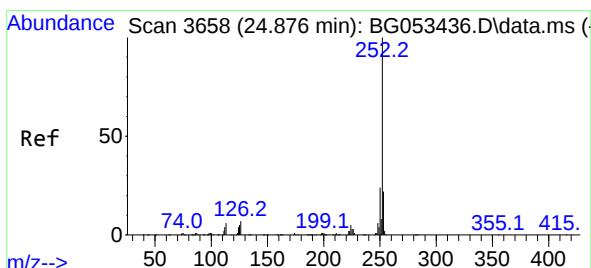
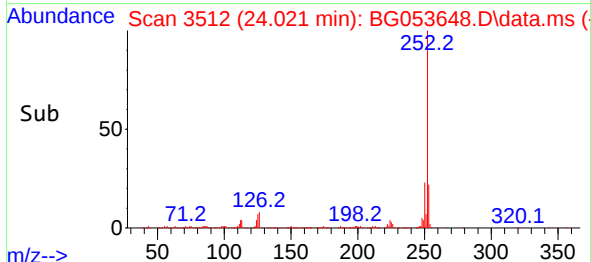
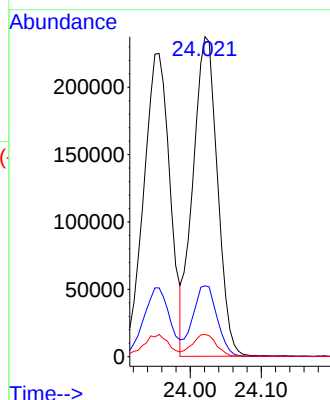
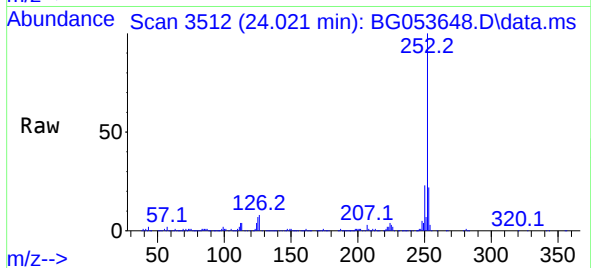
P022-SS002-0006-01MSD

Tgt Ion:252 Resp: 570292
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.4 27.6
 125 7.0 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022



#90

Benzo(a)pyrene

Concen: 60.141 ng

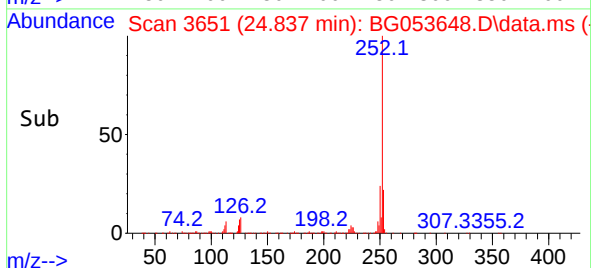
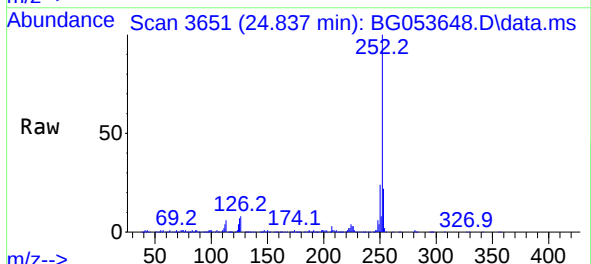
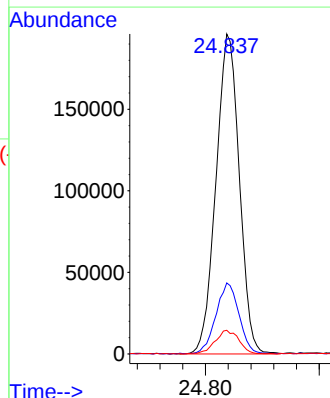
RT: 24.837 min Scan# 3651

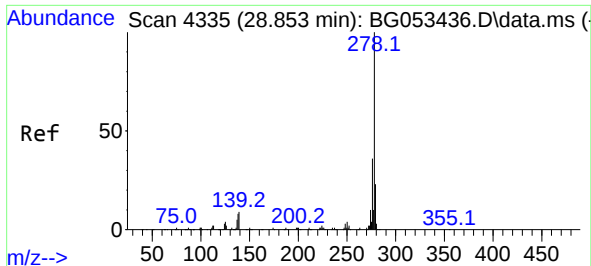
Delta R.T. -0.009 min

Lab File: BG053648.D

Acq: 20 May 2022 17:45

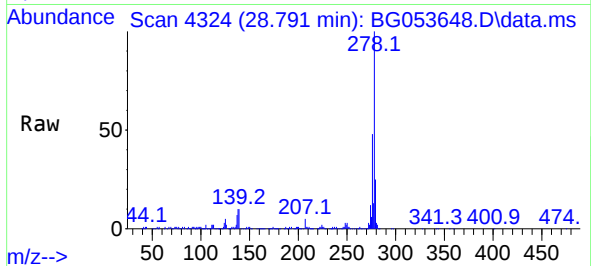
Tgt Ion:252 Resp: 558895
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 7.4 4.3 6.5#





#91
Dibenzo(a,h)anthracene
Concen: 52.840 ng
RT: 28.791 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

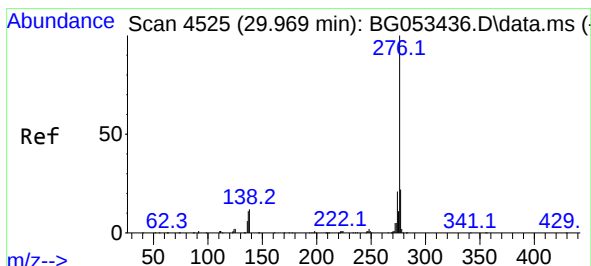
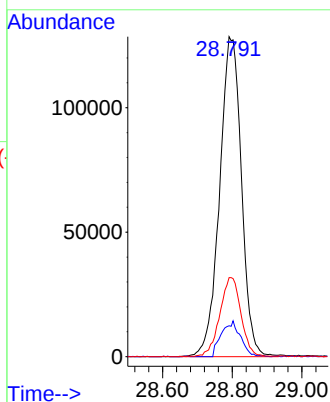
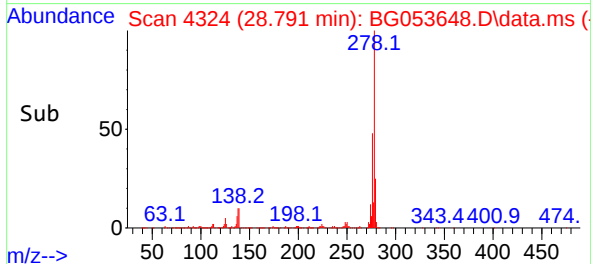
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MSD



Tgt Ion:278 Resp: 55936
Ion Ratio Lower Upper
278 100
139 9.7 7.2 10.8
279 24.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#92
Benzo(g,h,i)perylene
Concen: 52.180 ng
RT: 29.913 min Scan# 4515
Delta R.T. -0.021 min
Lab File: BG053648.D
Acq: 20 May 2022 17:45

Tgt Ion:276 Resp: 547532
Ion Ratio Lower Upper
276 100
277 24.9 17.3 25.9
138 13.0 9.6 14.4

