

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053140.D
 Acq On : 13 Apr 2022 16:06
 Operator : CG/JU
 Sample : N2368-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-5-10MSD

Quant Time: Apr 14 02:57:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2022
 Supervised By : Jagrut Upadhyay 04/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	32146	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	130269	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	98725	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	233167	20.000	ng	0.00
76) Chrysene-d12	21.769	240	226234	20.000	ng	0.00
86) Perylene-d12	25.070	264	242533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	208535	111.201	ng	0.00
7) Phenol-d6	7.283	99	311593	107.747	ng	0.00
23) Nitrobenzene-d5	9.280	82	220936	68.863	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	166503	106.007	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	476264	66.520	ng	0.00
79) Terphenyl-d14	20.089	244	845845	63.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	34239	38.232	ng	# 94
3) Pyridine	3.964	79	84591	35.813	ng	93
4) n-Nitrosodimethylamine	3.876	42	51784	44.272	ng	91
6) Aniline	7.441	93	112024	33.425	ng	99
8) 2-Chlorophenol	7.688	128	100346	49.565	ng	96
9) Benzaldehyde	7.247	77	80203m	46.397	ng	
10) Phenol	7.306	94	139525	48.470	ng	91
11) bis(2-Chloroethyl)ether	7.529	93	94485	45.534	ng	93
12) 1,3-Dichlorobenzene	8.011	146	103728	44.092	ng	96
13) 1,4-Dichlorobenzene	8.152	146	105809	44.117	ng	97
14) 1,2-Dichlorobenzene	8.475	146	102921	44.500	ng	97
15) Benzyl Alcohol	8.352	79	116917	45.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	152681	44.072	ng	96
17) 2-Methylphenol	8.563	107	94181	48.349	ng	95
18) Hexachloroethane	9.210	117	40807	45.372	ng	97
19) n-Nitroso-di-n-propyla...	8.922	70	92668	43.769	ng	# 95
20) 3+4-Methylphenols	8.886	107	132400	48.148	ng	94
22) Acetophenone	8.939	105	160613	44.441	ng	95
24) Nitrobenzene	9.327	77	142938	45.804	ng	93
25) Isophorone	9.850	82	253823	46.546	ng	99
26) 2-Nitrophenol	10.038	139	59547	45.633	ng	# 92
27) 2,4-Dimethylphenol	10.097	122	104790	56.071	ng	94
28) bis(2-Chloroethoxy)met...	10.326	93	139594	45.565	ng	97
29) 2,4-Dichlorophenol	10.578	162	114082	48.557	ng	97
30) 1,2,4-Trichlorobenzene	10.796	180	117558	44.210	ng	96
31) Naphthalene	10.984	128	308680	44.414	ng	100
32) Benzoic acid	10.249	122	66458	54.138	ng	88
33) 4-Chloroaniline	11.083	127	58655	19.707	ng	94
34) Hexachlorobutadiene	11.271	225	84503	42.781	ng	98
35) Caprolactam	11.853	113	39794m	48.052	ng	
36) 4-Chloro-3-methylphenol	12.205	107	131348	48.021	ng	93
37) 2-Methylnaphthalene	12.581	142	231937	45.100	ng	97
38) 1-Methylnaphthalene	12.799	142	222573	44.338	ng	92
40) 1,2,4,5-Tetrachloroben...	12.946	216	151120	45.069	ng	98
41) Hexachlorocyclopentadiene	12.928	237	178091	102.889	ng	93
43) 2,4,6-Trichlorophenol	13.181	196	110202	47.669	ng	94

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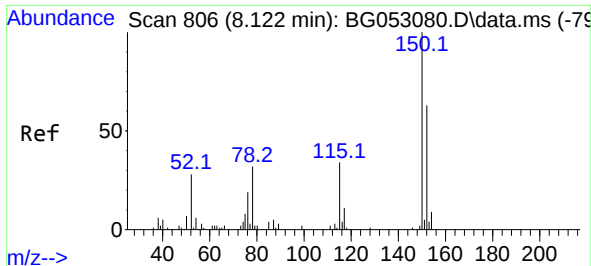
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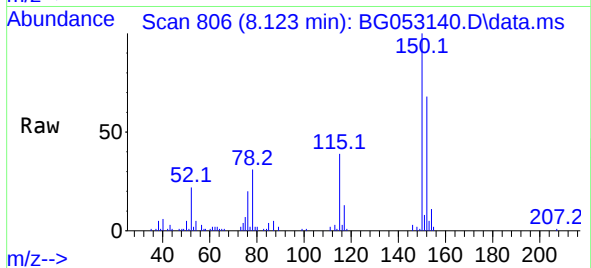
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	117590	47.733	ng	98
46) 1,1'-Biphenyl	13.580	154	325589	45.796	ng	98
47) 2-Chloronaphthalene	13.621	162	256227	45.173	ng	97
48) 2-Nitroaniline	13.821	65	98547	45.781	ng	93
49) Acenaphthylene	14.467	152	432207	48.676	ng	98
50) Dimethylphthalate	14.191	163	348202	44.096	ng	98
51) 2,6-Dinitrotoluene	14.309	165	75864	46.053	ng	# 84
52) Acenaphthene	14.808	154	314513m	52.233	ng	
53) 3-Nitroaniline	14.637	138	44042	25.284	ng	87
54) 2,4-Dinitrophenol	14.849	184	101863	97.182	ng	91
55) Dibenzofuran	15.143	168	409267	43.407	ng	99
56) 4-Nitrophenol	14.955	139	126549	95.257	ng	# 79
57) 2,4-Dinitrotoluene	15.096	165	108598	46.305	ng	# 86
58) Fluorene	15.789	166	342911	45.030	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	108468	45.339	ng	98
60) Diethylphthalate	15.548	149	361141	43.651	ng	99
61) 4-Chlorophenyl-phenyle...	15.777	204	190333	44.091	ng	97
62) 4-Nitroaniline	15.806	138	75162	40.891	ng	# 82
63) Azobenzene	16.065	77	362393	43.445	ng	96
65) 4,6-Dinitro-2-methylph...	15.865	198	68942	42.380	ng	96
66) n-Nitrosodiphenylamine	15.989	169	304762	45.452	ng	100
67) 4-Bromophenyl-phenylether	16.670	248	136658	45.740	ng	96
68) Hexachlorobenzene	16.799	284	149697	46.267	ng	96
69) Atrazine	16.934	200	130229	49.722	ng	95
70) Pentachlorophenol	17.140	266	177923	100.618	ng	92
71) Phenanthrene	17.528	178	598596	47.000	ng	98
72) Anthracene	17.622	178	574899	45.564	ng	99
73) Carbazole	17.886	167	530675	43.268	ng	98
74) Di-n-butylphthalate	18.438	149	613217	44.084	ng	99
75) Fluoranthene	19.537	202	755745	46.293	ng	99
77) Benzidine	19.707	184	344979	53.445	ng	100
78) Pyrene	19.895	202	747722	46.407	ng	99
80) Butylbenzylphthalate	20.770	149	263962	43.943	ng	96
81) Benzo(a)anthracene	21.751	228	714790	46.210	ng	98
82) 3,3'-Dichlorobenzidine	21.657	252	145627	25.599	ng	100
83) Chrysene	21.822	228	651787	45.403	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	368198	45.346	ng	100
85) Di-n-octyl phthalate	22.879	149	622504	45.841	ng	96
87) Indeno(1,2,3-cd)pyrene	28.848	276	806827	44.777	ng	# 96
88) Benzo(b)fluoranthene	24.025	252	741076	48.429	ng	99
89) Benzo(k)fluoranthene	24.089	252	703427	46.772	ng	97
90) Benzo(a)pyrene	24.918	252	712032	54.619	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	692248	46.677	ng	98
92) Benzo(g,h,i)perylene	30.034	276	692413	47.369	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

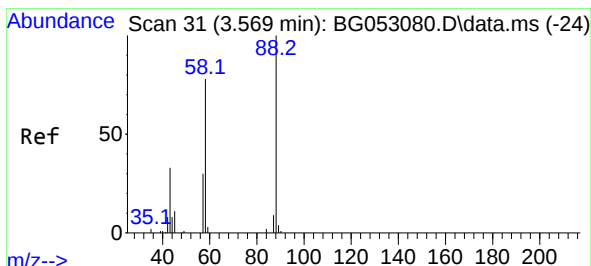
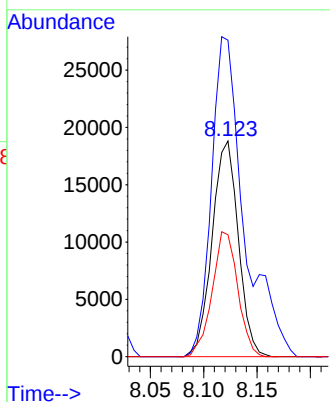
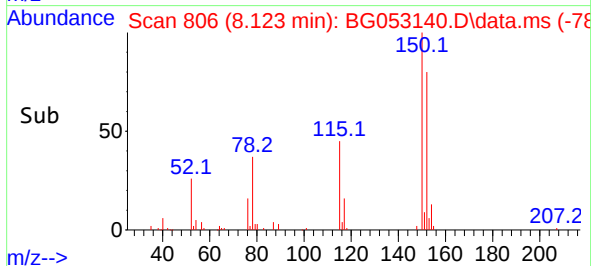
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:152 Resp: 32140
Ion Ratio Lower Upper
152 100
150 146.7 114.6 172.0
115 56.5 45.9 68.9

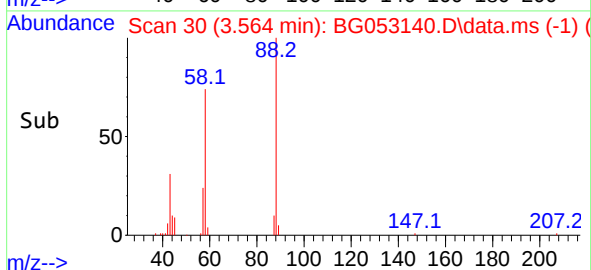
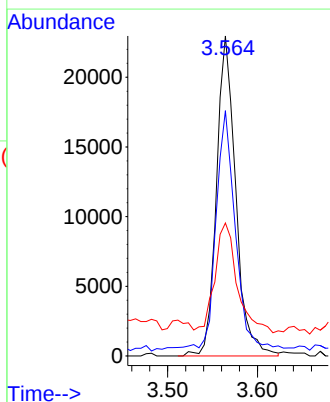
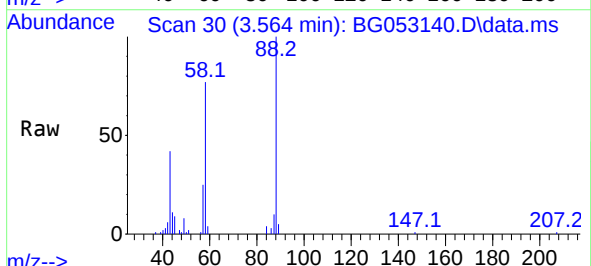
Manual Integrations
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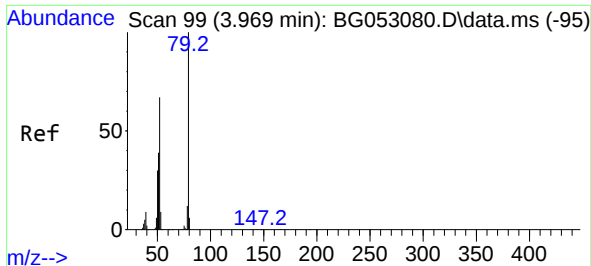
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#2
1,4-Dioxane
Concen: 38.232 ng
RT: 3.564 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

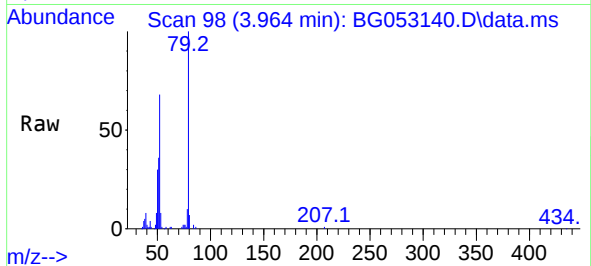
Tgt Ion: 88 Resp: 34239
Ion Ratio Lower Upper
88 100
58 74.3 58.2 87.2
43 38.7 23.4 35.0#





#3
Pyridine
Concen: 35.813 ng
RT: 3.964 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

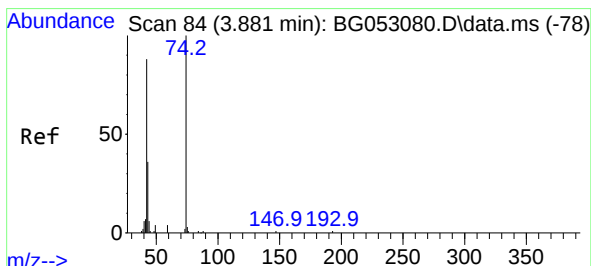
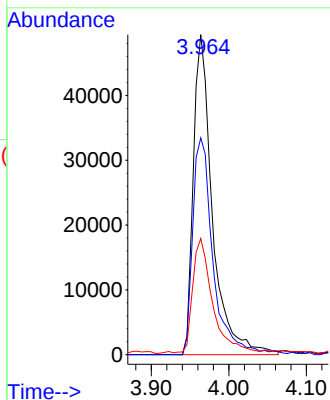
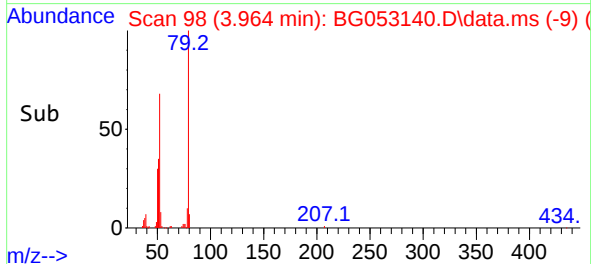
Instrument : BNA_G
ClientSampleId : E14ST-EB3-041122-5-10MSD



Tgt Ion: 79 Resp: 8459
Ion Ratio Lower Upper
79 100
52 67.8 50.9 76.3
51 36.3 24.4 36.6

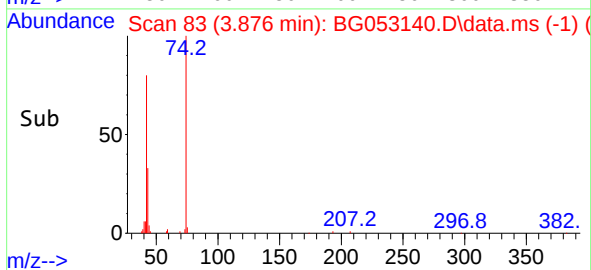
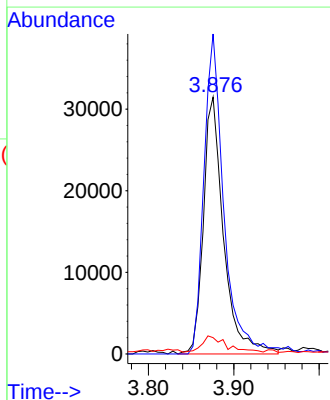
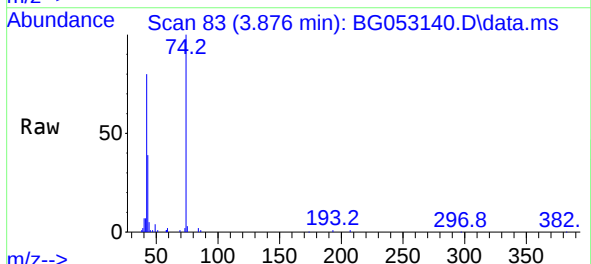
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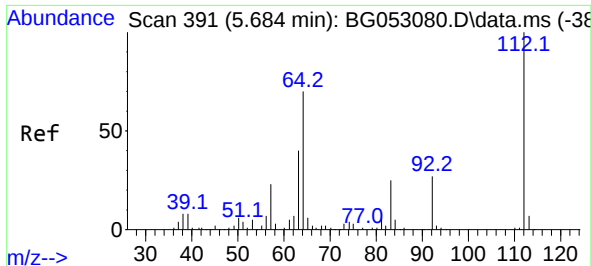
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Supervised By :Jagrut Upadhyay 04/14/2022



#4
n-Nitrosodimethylamine
Concen: 44.272 ng
RT: 3.876 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

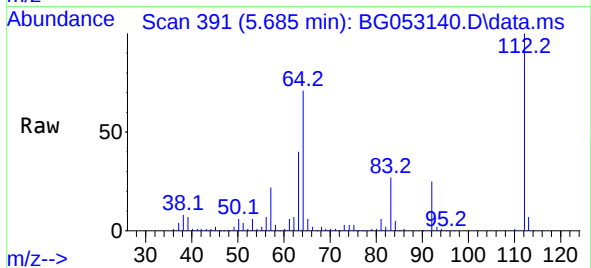
Tgt Ion: 42 Resp: 51784
Ion Ratio Lower Upper
42 100
74 124.6 108.9 163.3
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 111.201 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

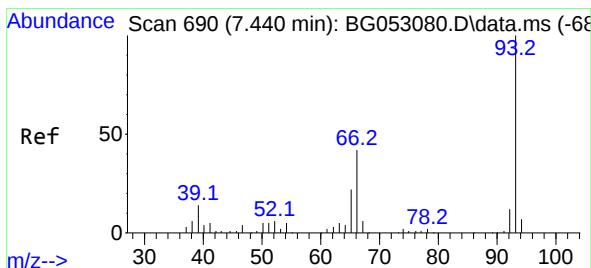
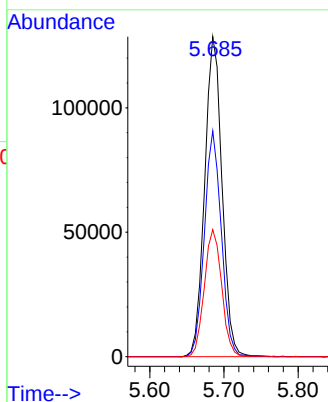
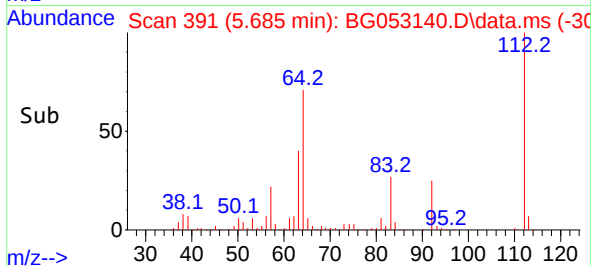
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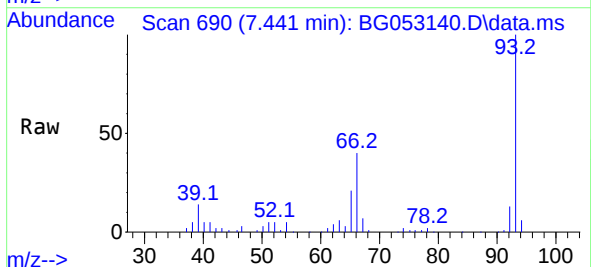
Tgt Ion:112 Resp: 20853
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 39.7 26.5 39.7

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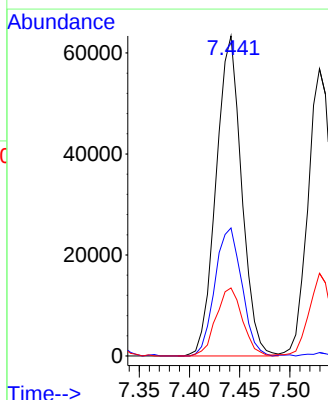
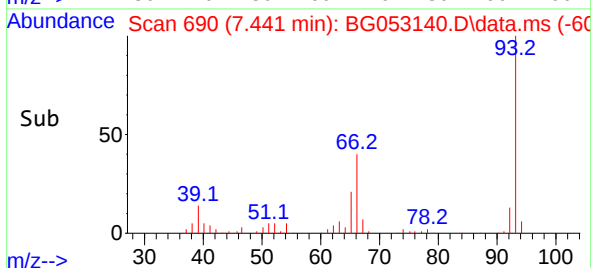
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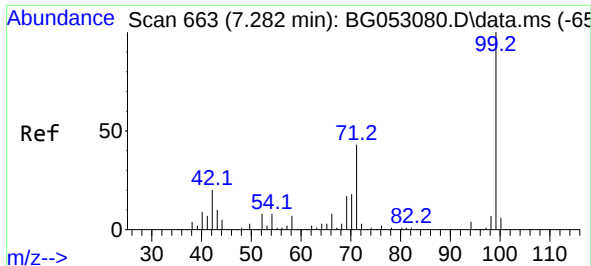


#6
Aniline
Concen: 33.425 ng
RT: 7.441 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



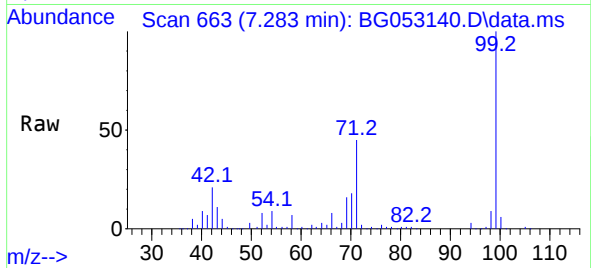
Tgt Ion: 93 Resp: 112024
Ion Ratio Lower Upper
93 100
66 40.0 31.3 46.9
65 21.3 16.7 25.1





#7
Phenol-d6
Concen: 107.747 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

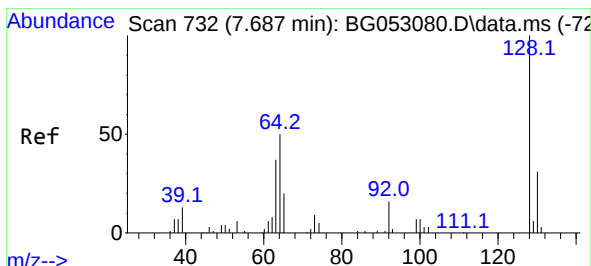
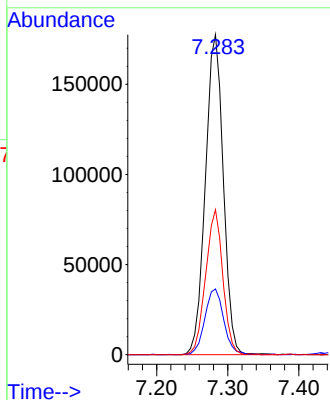
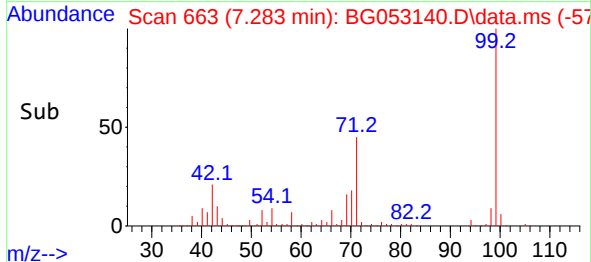
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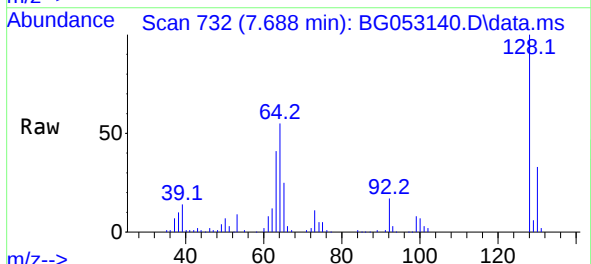
Tgt Ion: 99 Resp: 31159
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 45.3 29.2 43.8

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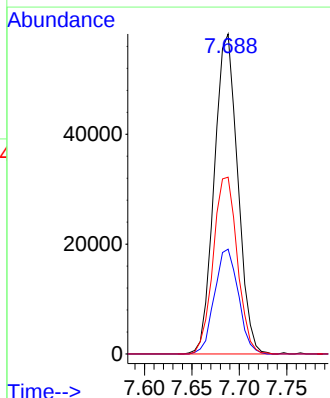
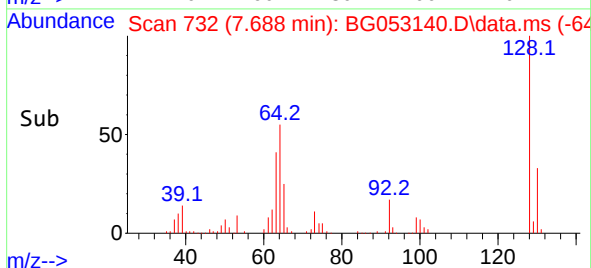
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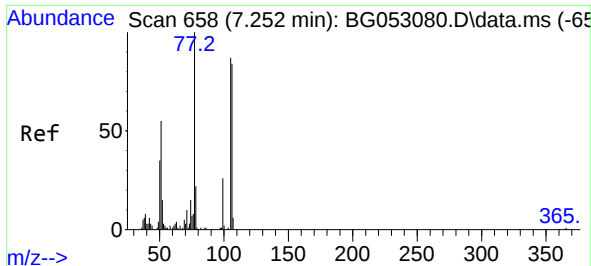


#8
2-Chlorophenol
Concen: 49.565 ng
RT: 7.688 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



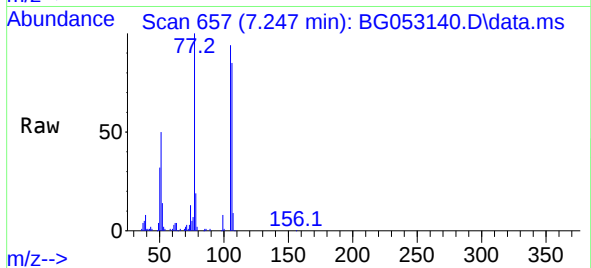
Tgt Ion:128 Resp: 100346
Ion Ratio Lower Upper
128 100
130 32.8 13.4 53.4
64 55.3 30.9 70.9





#9
Benzaldehyde
Concen: 46.397 ng m
RT: 7.247 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

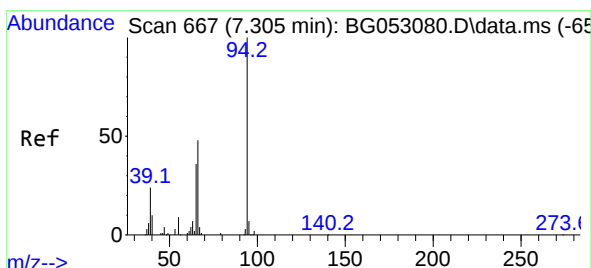
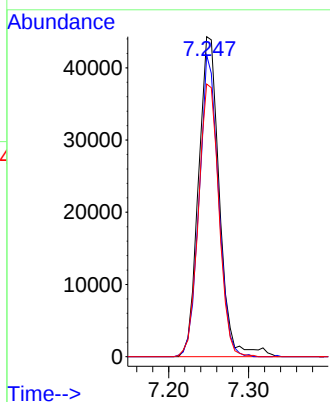
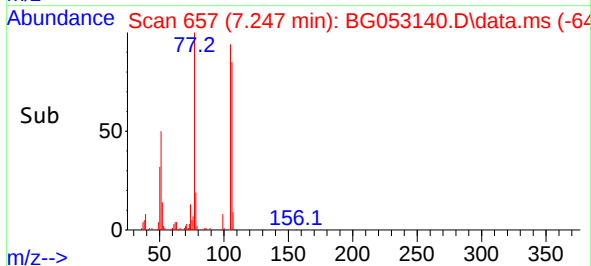
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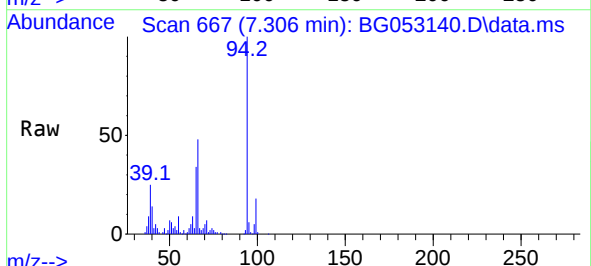
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Ion Ratio Lower Upper
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106 85.2 67.6 107.6

Manual Integrations
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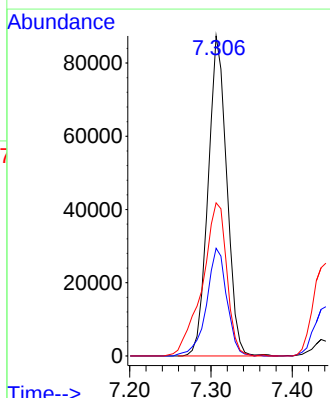
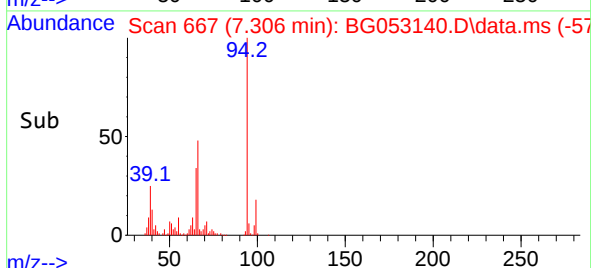
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

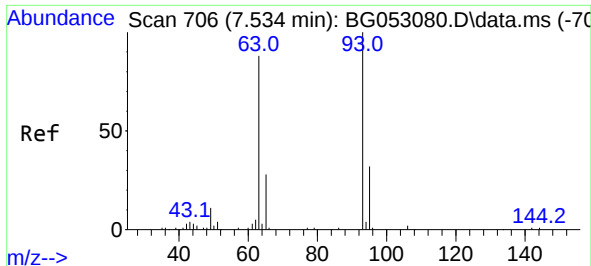


#10
Phenol
Concen: 48.470 ng
RT: 7.306 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



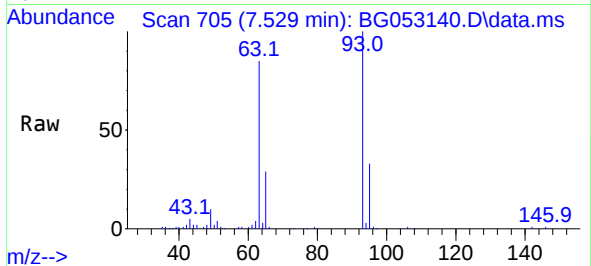
Tgt Ion: 94 Resp: 139525
Ion Ratio Lower Upper
94 100
65 33.7 11.1 51.1
66 47.9 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.534 ng
RT: 7.529 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

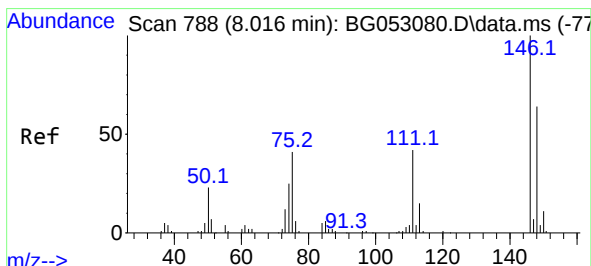
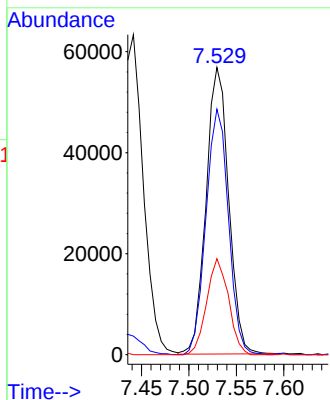
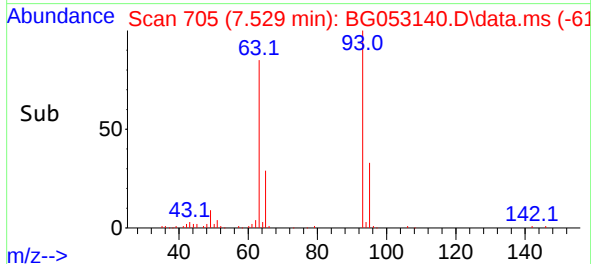
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



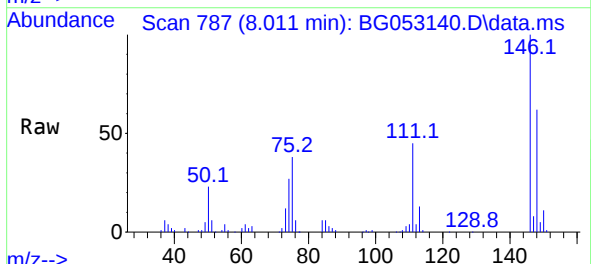
Tgt Ion: 93 Resp: 9448
Ion Ratio Lower Upper
93 100
63 85.5 56.9 96.9
95 33.5 14.5 54.5

Manual Integrations
APPROVED

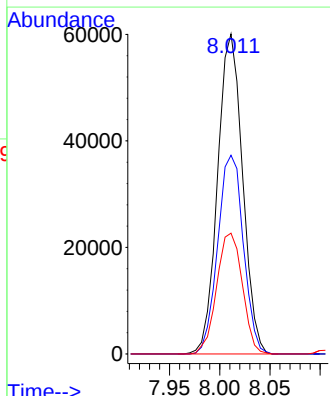
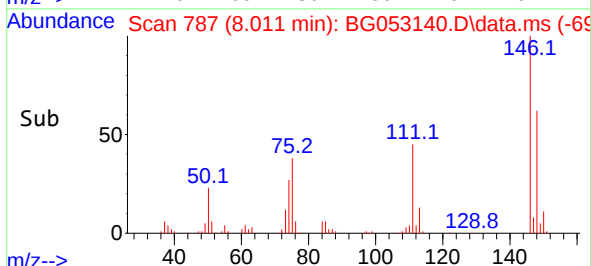
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

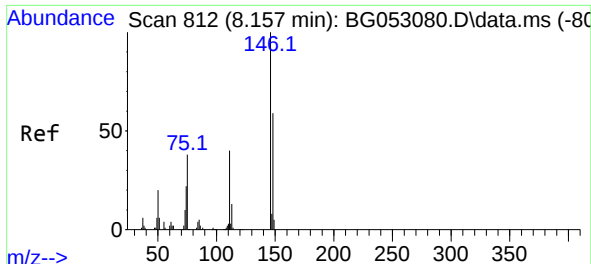


#12
1,3-Dichlorobenzene
Concen: 44.092 ng
RT: 8.011 min Scan# 787
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



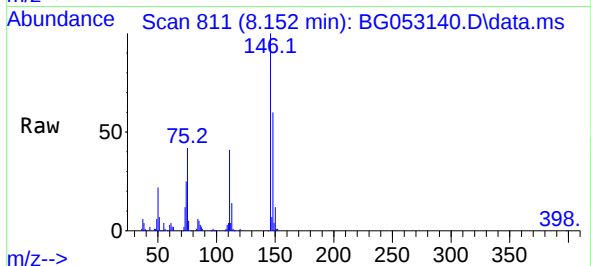
Tgt Ion:146 Resp: 103728
Ion Ratio Lower Upper
146 100
148 62.1 50.6 76.0
75 37.8 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 44.117 ng
RT: 8.152 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

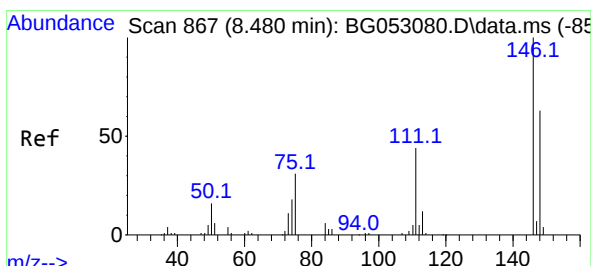
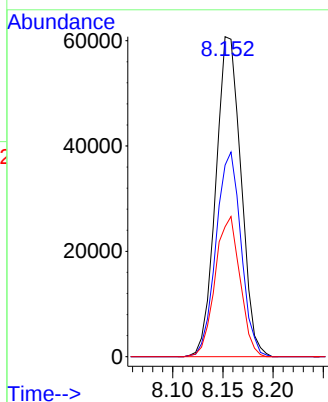
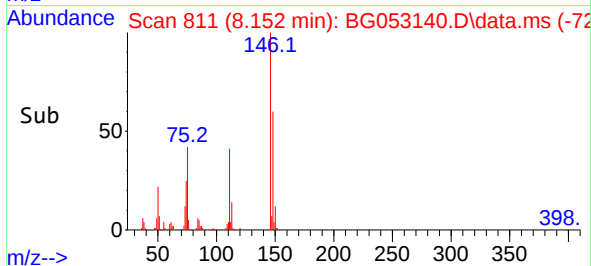
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:146 Resp: 105809
Ion Ratio Lower Upper
146 100
148 59.8 50.0 75.0
111 40.6 31.0 46.4

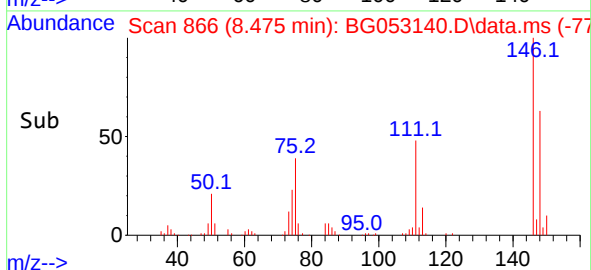
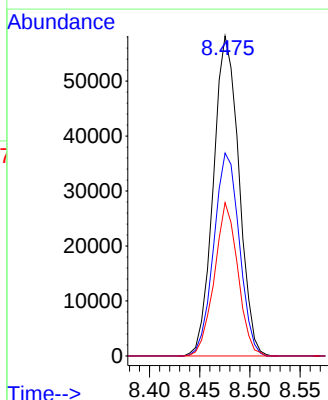
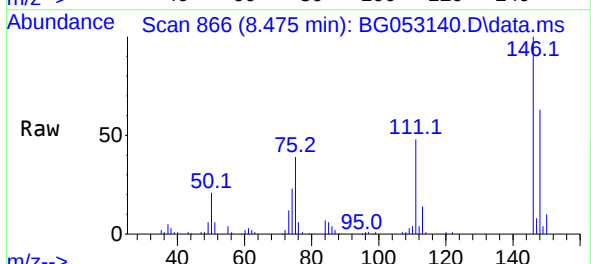
Manual Integrations
APPROVED

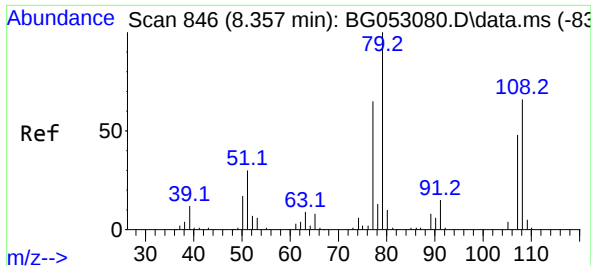
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#14
1,2-Dichlorobenzene
Concen: 44.500 ng
RT: 8.475 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

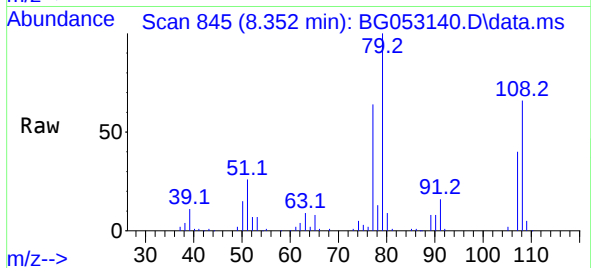
Tgt Ion:146 Resp: 102921
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 47.9 34.7 52.1





#15
Benzyl Alcohol
Concen: 45.485 ng
RT: 8.352 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

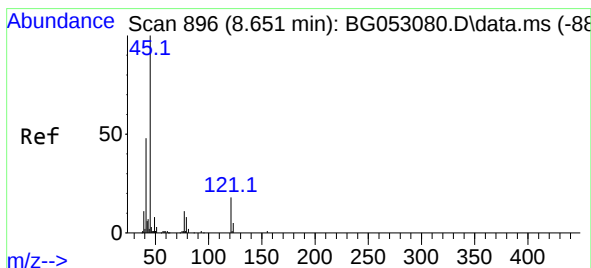
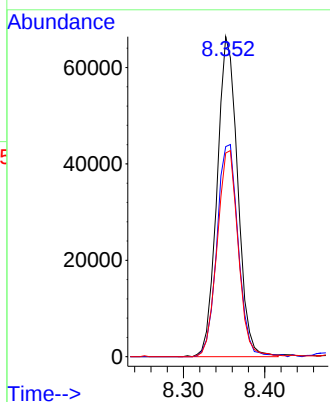
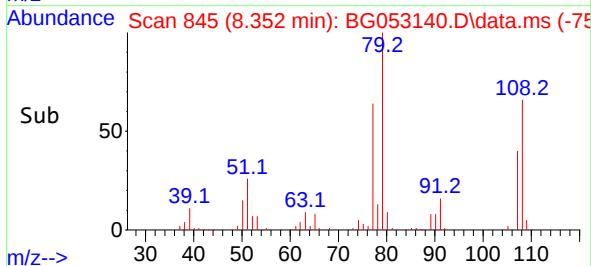
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion: 79 Resp: 116917
Ion Ratio Lower Upper
79 100
108 65.7 55.1 82.7
77 63.7 52.4 78.6

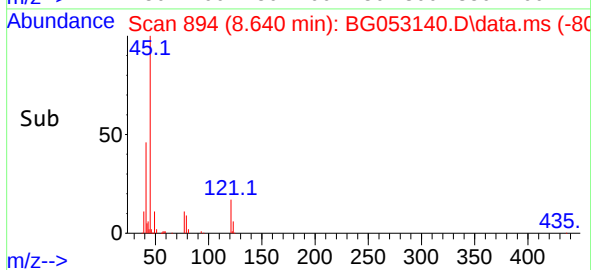
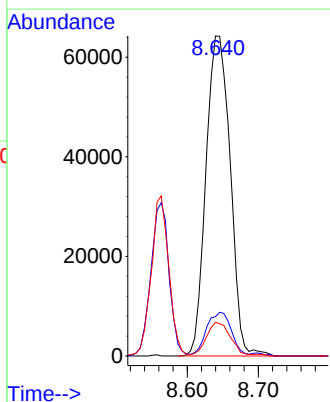
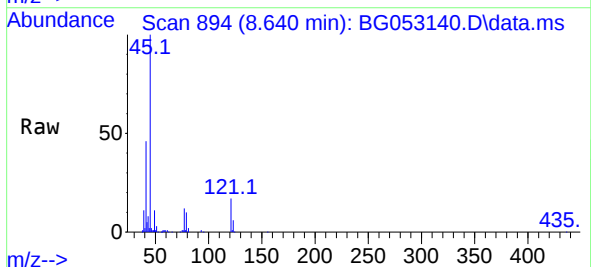
Manual Integrations
APPROVED

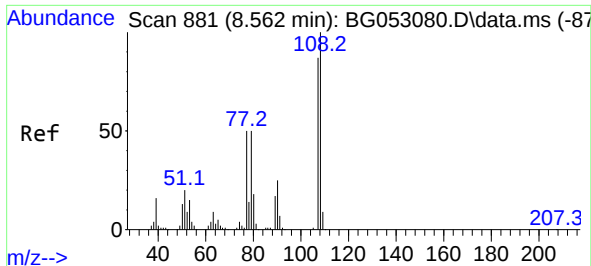
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.072 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.011 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

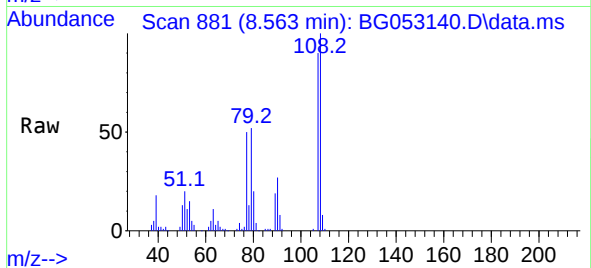
Tgt Ion: 45 Resp: 152681
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.9
79 10.5 0.0 30.7





#17
2-Methylphenol
Concen: 48.349 ng
RT: 8.563 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

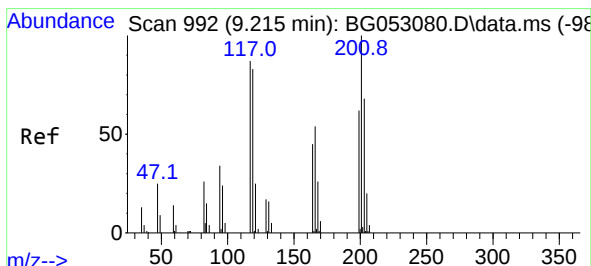
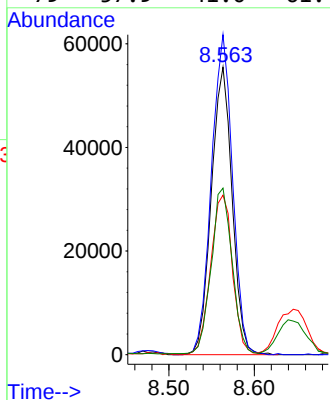
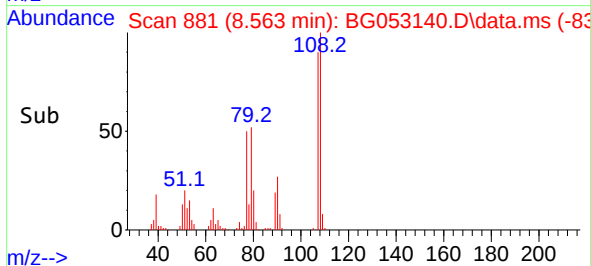
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:	107	Resp:	9418
Ion Ratio	Lower	Upper	
107	100		
108	111.3	91.5	137.3
77	55.5	42.5	63.7
79	57.9	41.0	61.4

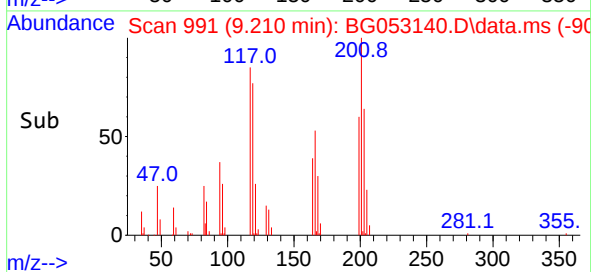
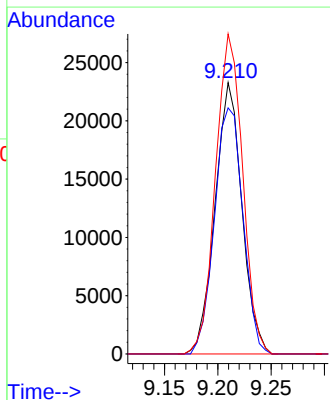
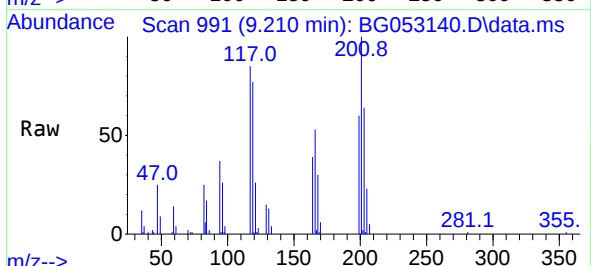
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#18
Hexachloroethane
Concen: 45.372 ng
RT: 9.210 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

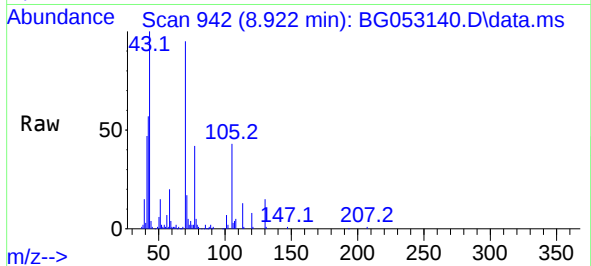
Tgt Ion:	117	Resp:	40807
Ion Ratio	Lower	Upper	
117	100		
119	90.7	75.1	112.7
201	117.9	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.769 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

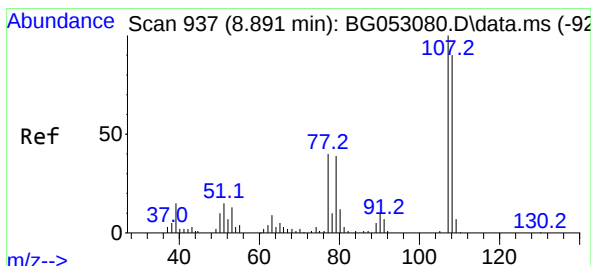
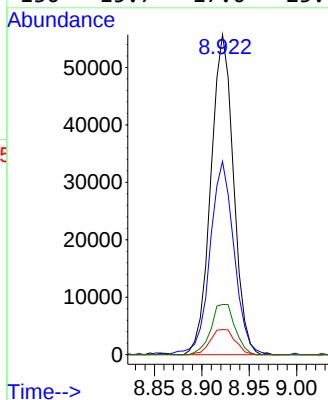
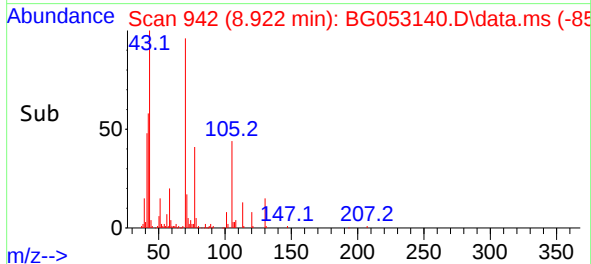
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion: 70 Resp: 9266
Ion Ratio Lower Upper
70 100
42 60.4 46.0 69.0
101 7.9 6.2 9.4
130 15.7 17.0 25.4#

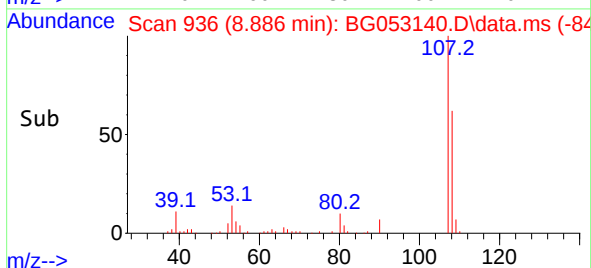
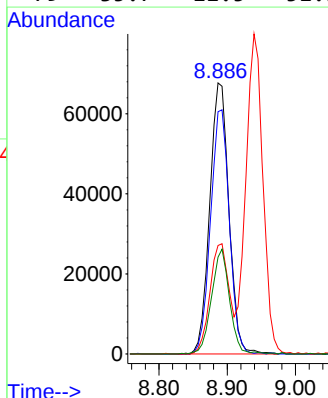
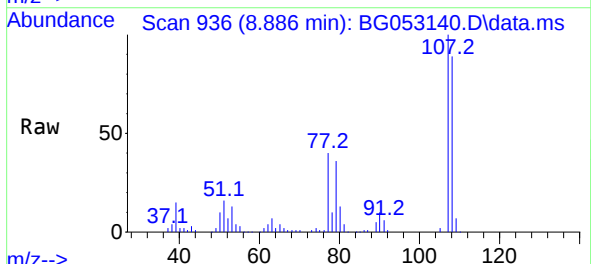
Manual Integrations
APPROVED

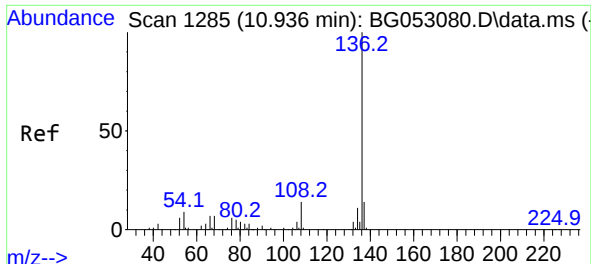
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#20
3+4-Methylphenols
Concen: 48.148 ng
RT: 8.886 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

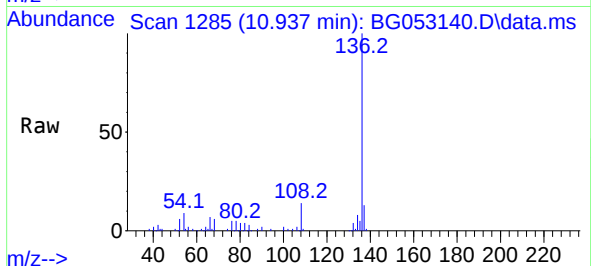
Tgt Ion:107 Resp: 132400
Ion Ratio Lower Upper
107 100
108 89.4 64.8 104.8
77 40.0 15.9 55.9
79 35.7 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 130269
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

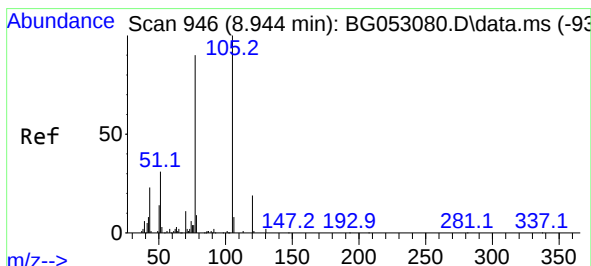
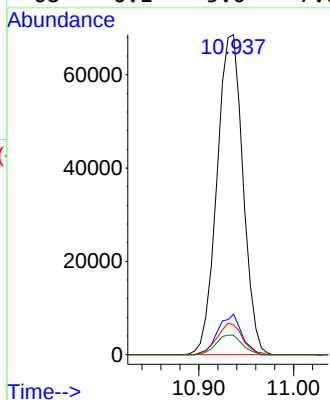
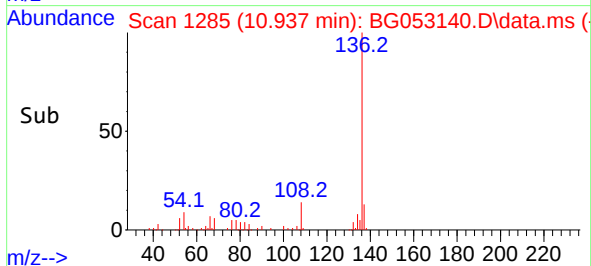
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:136 Resp: 130269
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.2
54 9.4 6.4 9.6
68 6.1 5.0 7.6

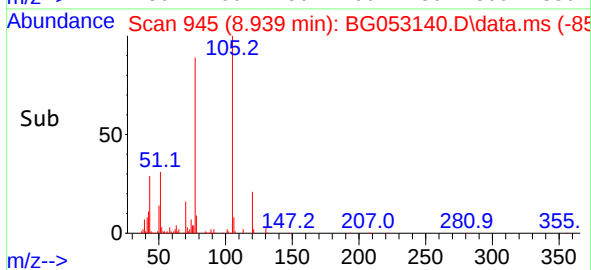
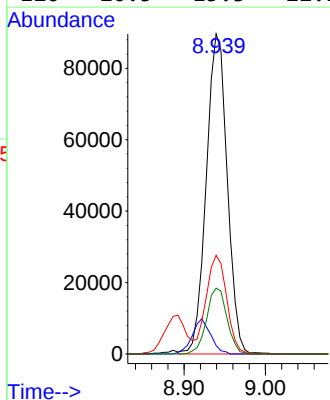
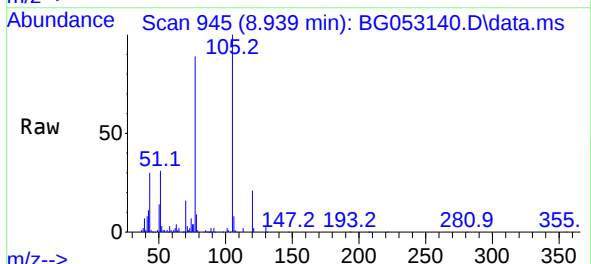
Manual Integrations
APPROVED

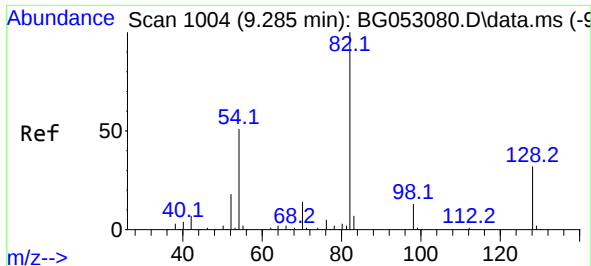
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#22
Acetophenone
Concen: 44.441 ng
RT: 8.939 min Scan# 945
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Tgt Ion:105 Resp: 160613
Ion Ratio Lower Upper
105 100
71 2.7 2.1 3.1
51 30.8 21.9 32.9
120 20.5 15.3 22.9





#23

Nitrobenzene-d5

Concen: 68.863 ng

RT: 9.280 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG053140.D

Acq: 13 Apr 2022 16:06

Instrument :

BNA_G

ClientSampleId :

E14ST-EB3-041122-5-10MSD

Tgt Ion: 82 Resp: 220930

Ion Ratio Lower Upper

82 100

128 35.3 31.3 46.9

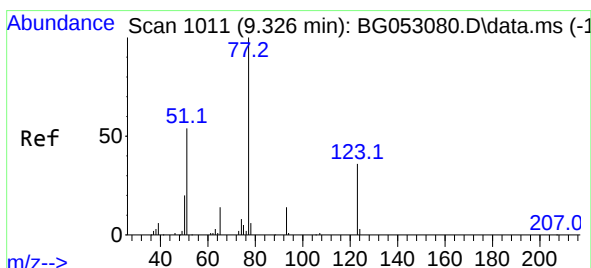
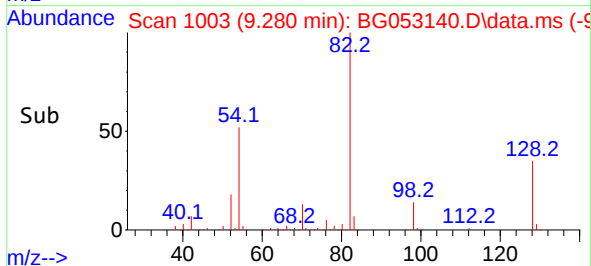
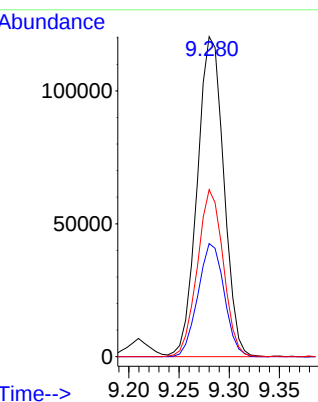
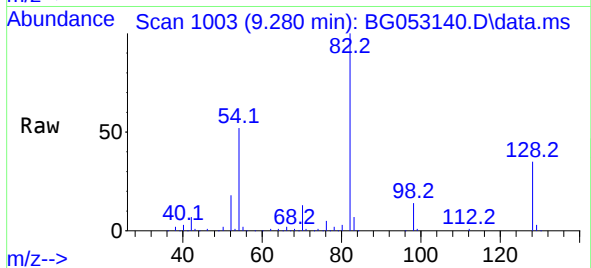
54 52.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2022

Supervised By :Jagrut Upadhyay 04/14/2022



#24

Nitrobenzene

Concen: 45.804 ng

RT: 9.327 min Scan# 1011

Delta R.T. 0.001 min

Lab File: BG053140.D

Acq: 13 Apr 2022 16:06

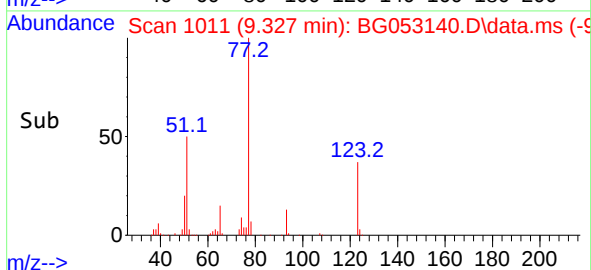
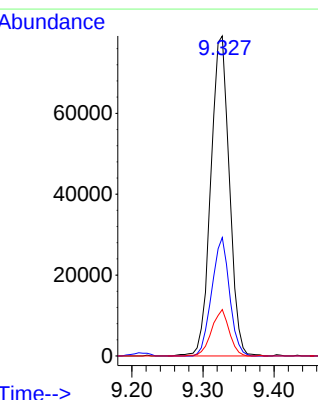
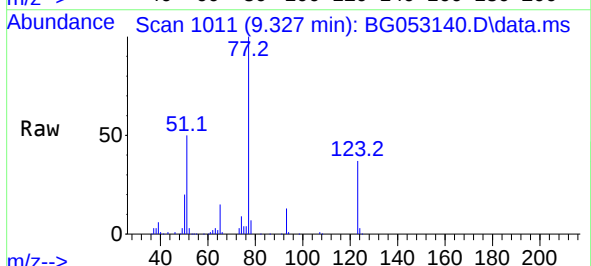
Tgt Ion: 77 Resp: 142938

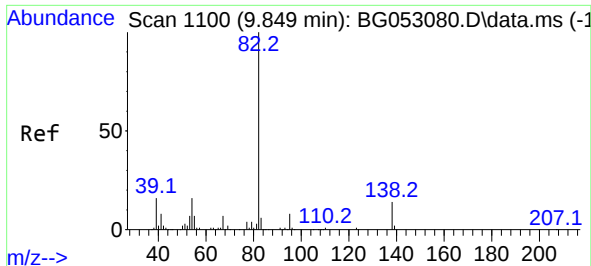
Ion Ratio Lower Upper

77 100

123 37.0 34.4 51.6

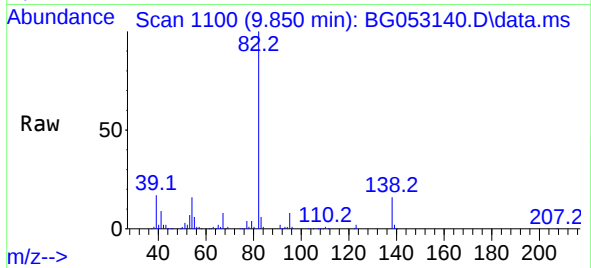
65 14.5 11.2 16.8





#25
Isophorone
Concen: 46.546 ng
RT: 9.850 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

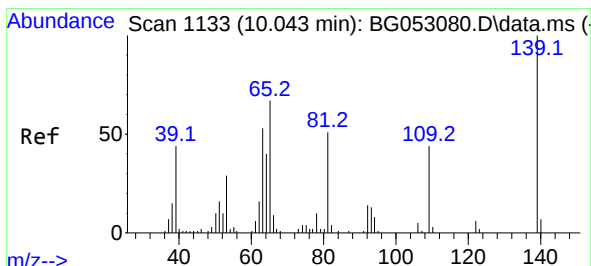
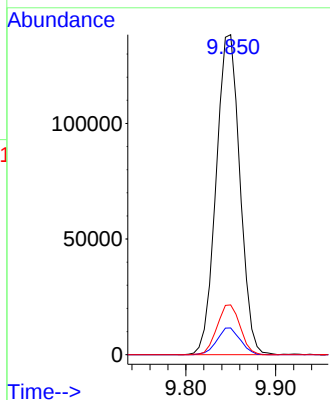
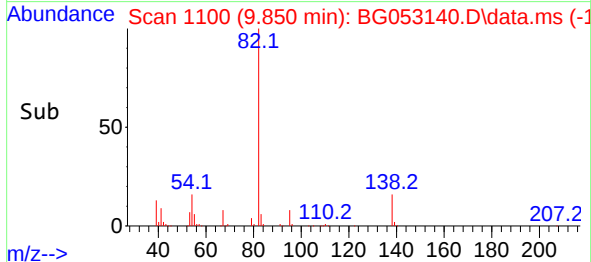
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion: 82 Resp: 25382
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 15.5 12.6 18.8

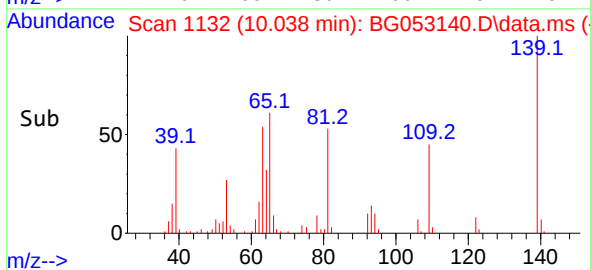
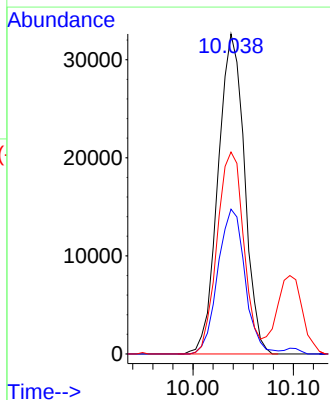
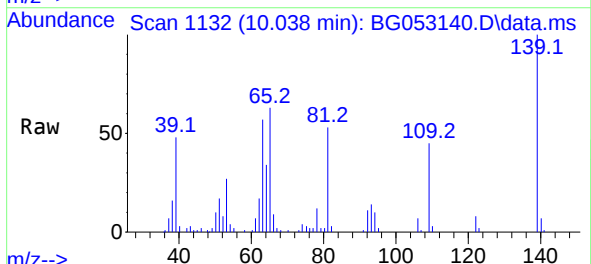
Manual Integrations
APPROVED

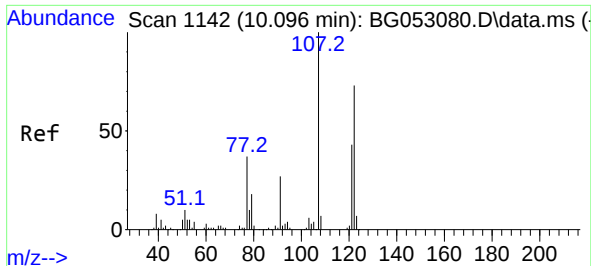
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#26
2-Nitrophenol
Concen: 45.633 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

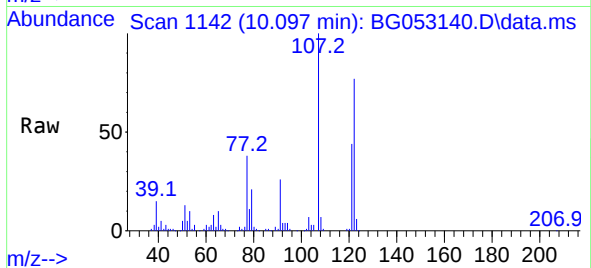
Tgt Ion:139 Resp: 59547
Ion Ratio Lower Upper
139 100
109 45.3 29.4 44.0#
65 63.1 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 56.071 ng
RT: 10.097 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

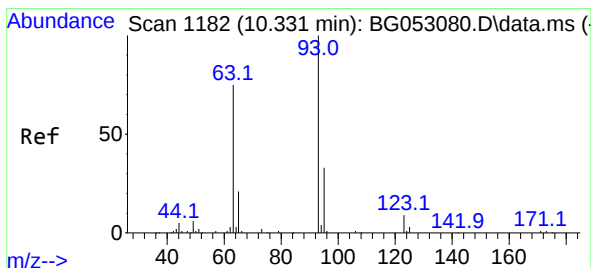
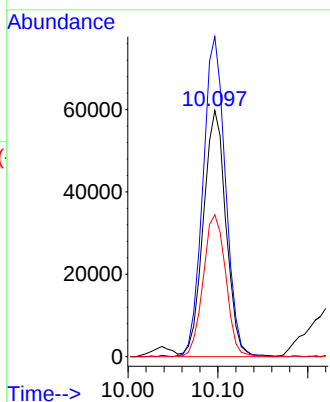
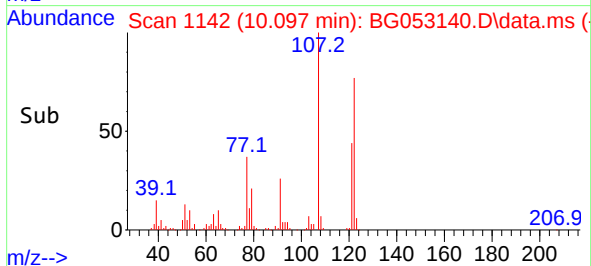
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:122 Resp: 104790
Ion Ratio Lower Upper
122 100
107 130.0 96.7 145.1
121 57.7 46.3 69.5

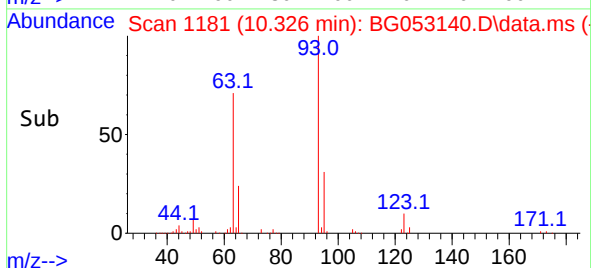
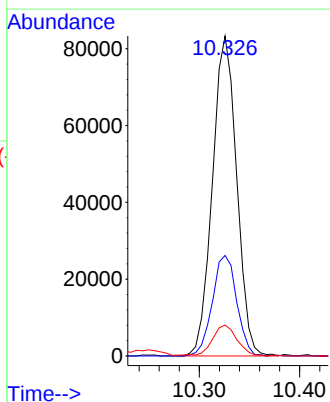
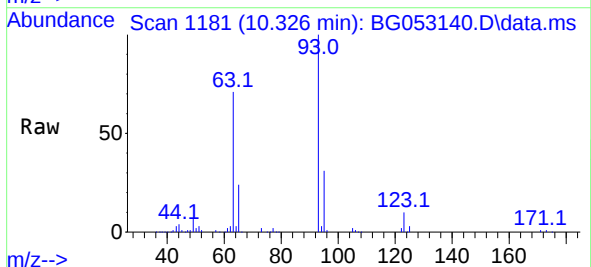
Manual Integrations
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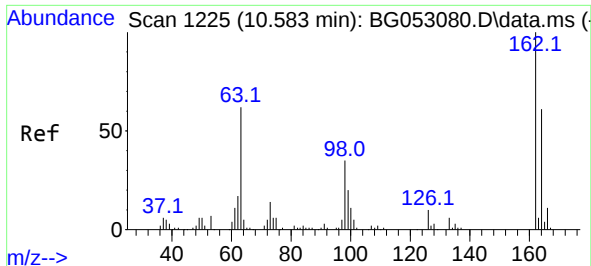
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.565 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Tgt Ion: 93 Resp: 139594
Ion Ratio Lower Upper
93 100
95 31.4 26.5 39.7
123 9.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.557 ng

RT: 10.578 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG053140.D

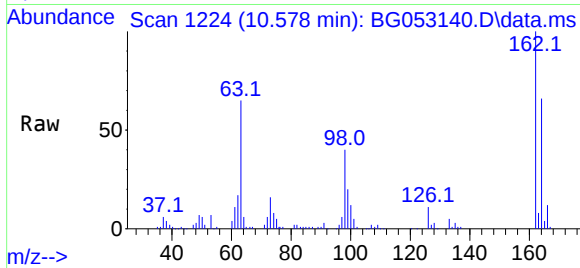
Acq: 13 Apr 2022 16:06

Instrument :

BNA_G

ClientSampleId :

E14ST-EB3-041122-5-10MSD



Tgt Ion:162 Resp: 11408

Ion Ratio Lower Upper

162 100

164 66.2 44.0 84.0

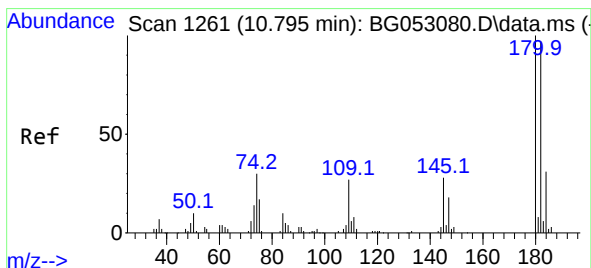
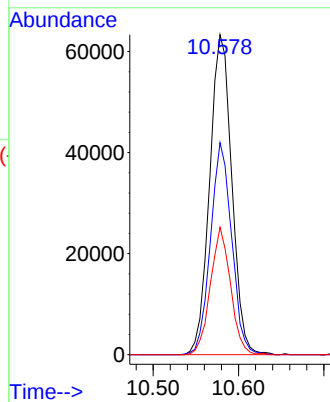
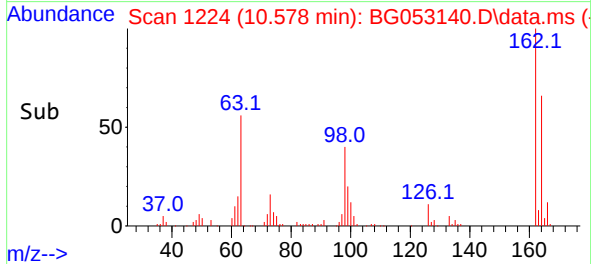
98 39.8 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2022

Supervised By :Jagrut Upadhyay 04/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.210 ng

RT: 10.796 min Scan# 1261

Delta R.T. 0.001 min

Lab File: BG053140.D

Acq: 13 Apr 2022 16:06

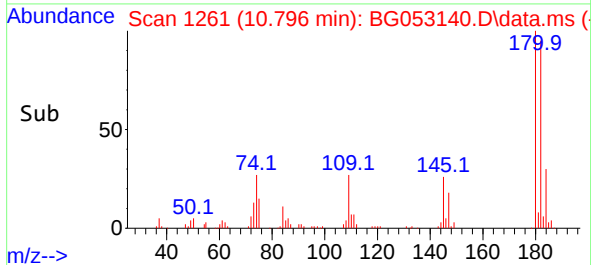
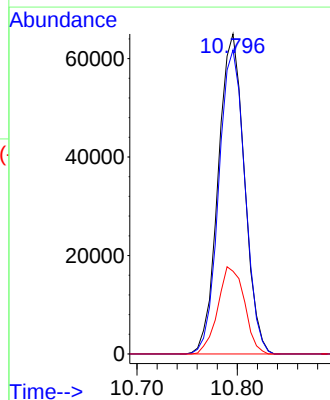
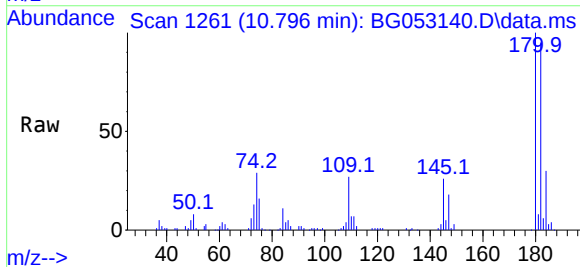
Tgt Ion:180 Resp: 117558

Ion Ratio Lower Upper

180 100

182 95.0 77.8 116.6

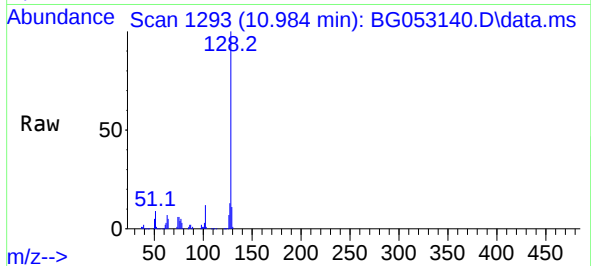
145 25.9 24.4 36.6





#31
Naphthalene
Concen: 44.414 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

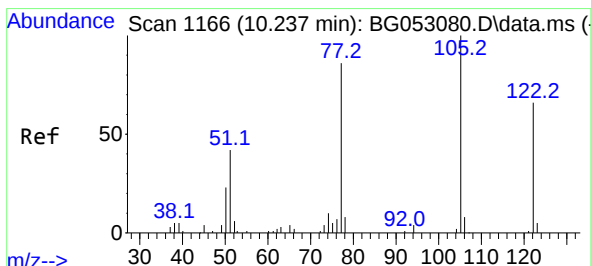
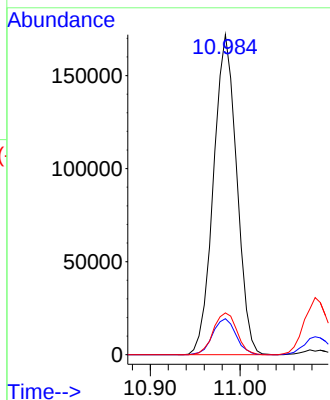
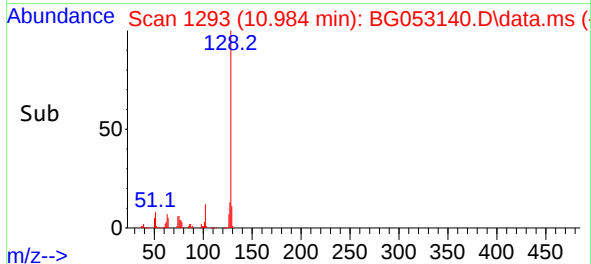
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:128 Resp: 308680
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

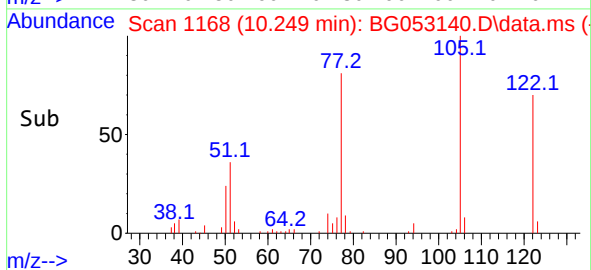
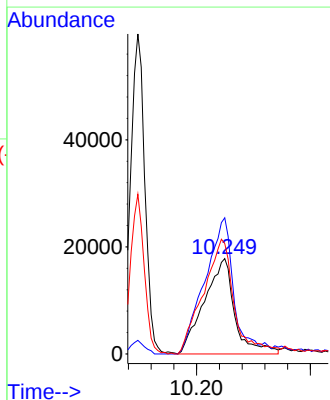
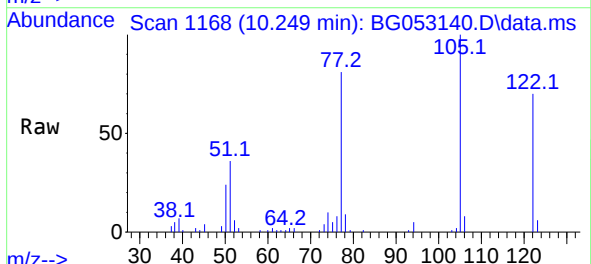
Manual Integrations
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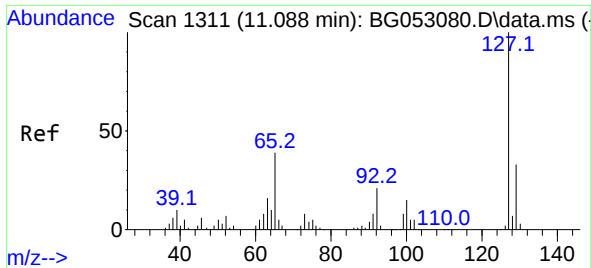
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#32
Benzoic acid
Concen: 54.138 ng
RT: 10.249 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

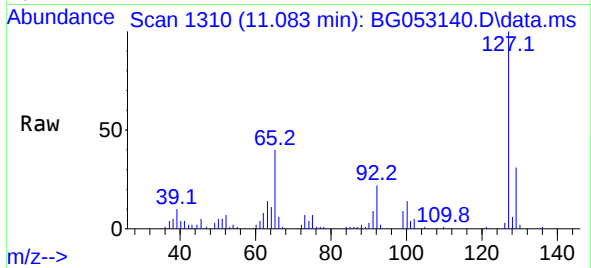
Tgt Ion:122 Resp: 66458
Ion Ratio Lower Upper
122 100
105 142.8 112.8 152.8
77 115.7 78.4 118.4





#33
4-Chloroaniline
Concen: 19.707 ng
RT: 11.083 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

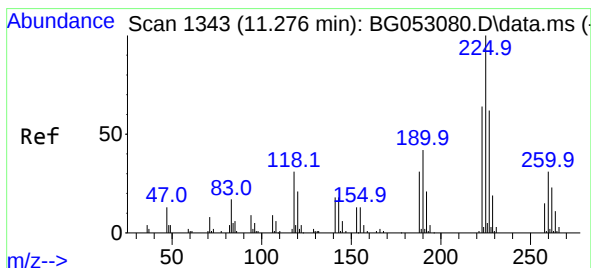
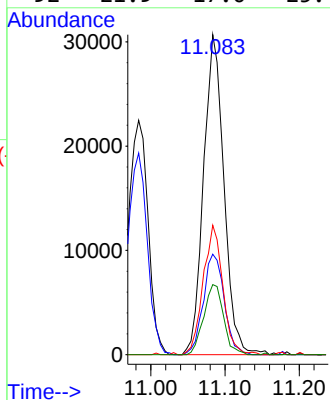
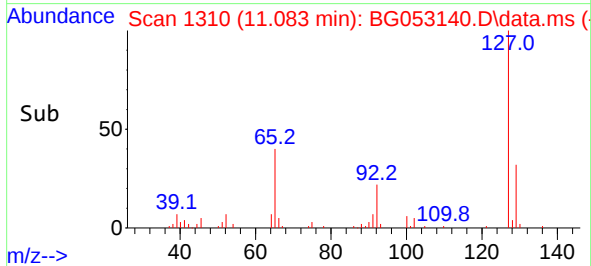
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



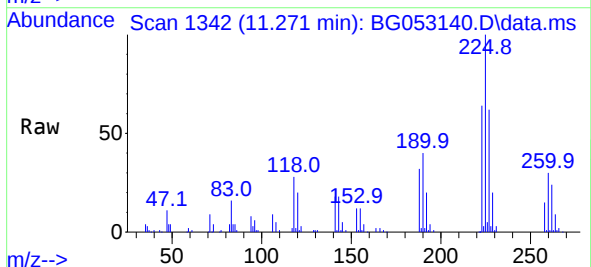
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	27.6	41.4
65	40.4	28.2	42.4
92	21.9	17.0	25.4

Manual Integrations
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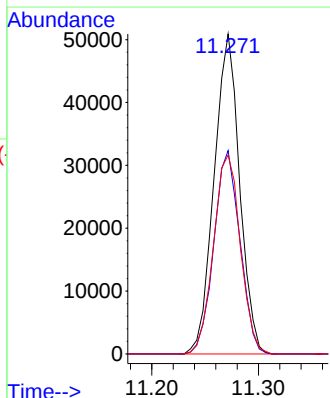
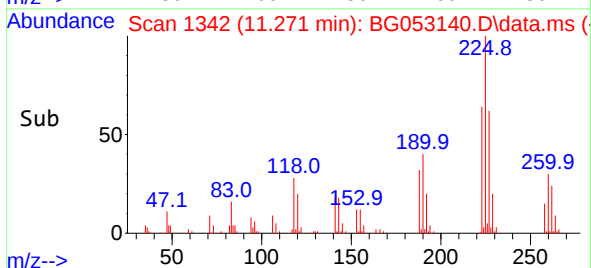
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

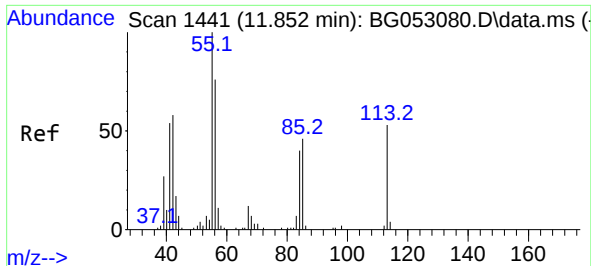


#34
Hexachlorobutadiene
Concen: 42.781 ng
RT: 11.271 min Scan# 1342
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



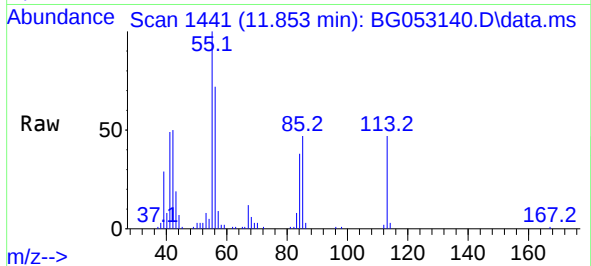
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.2	52.0	78.0





#35
Caprolactam
Concen: 48.052 ng m
RT: 11.853 min Scan# 1441
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

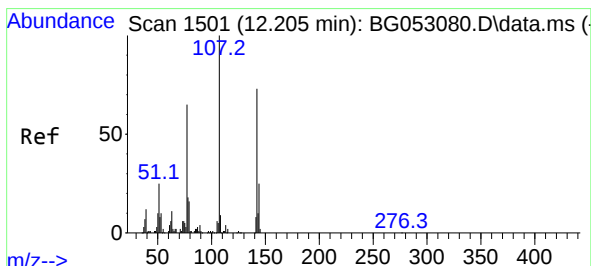
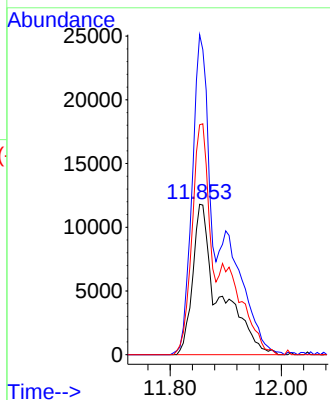
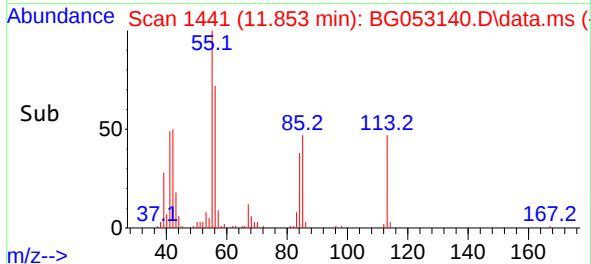
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



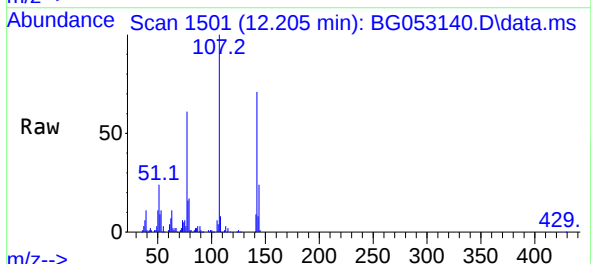
Tgt Ion:113 Resp: 39794
Ion Ratio Lower Upper
113 100
55 212.8 151.3 191.3
56 152.9 128.5 168.5

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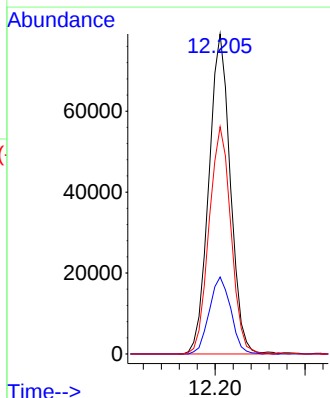
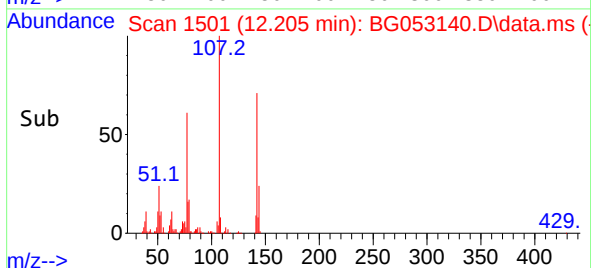
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

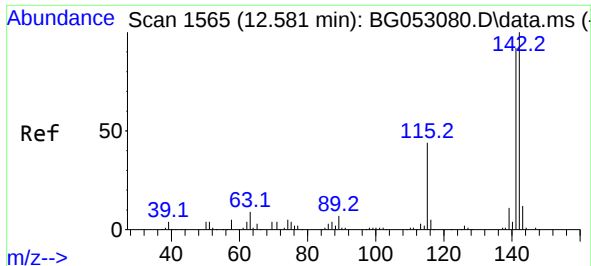


#36
4-Chloro-3-methylphenol
Concen: 48.021 ng
RT: 12.205 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



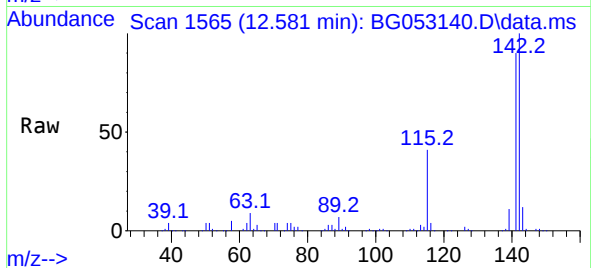
Tgt Ion:107 Resp: 131348
Ion Ratio Lower Upper
107 100
144 24.0 21.4 32.0
142 71.0 61.7 92.5





#37
2-Methylnaphthalene
Concen: 45.100 ng
RT: 12.581 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

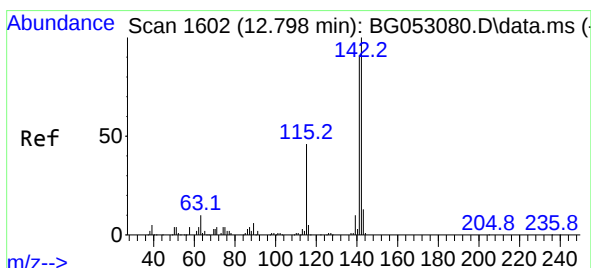
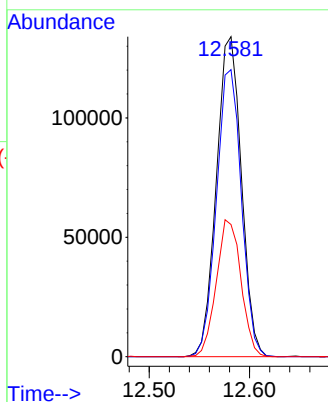
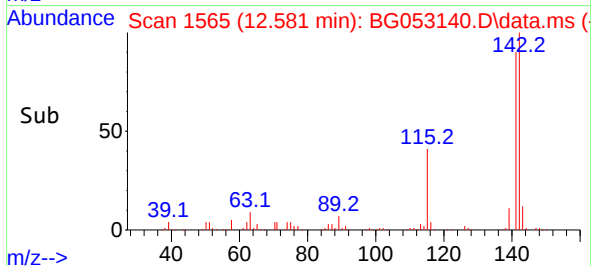
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



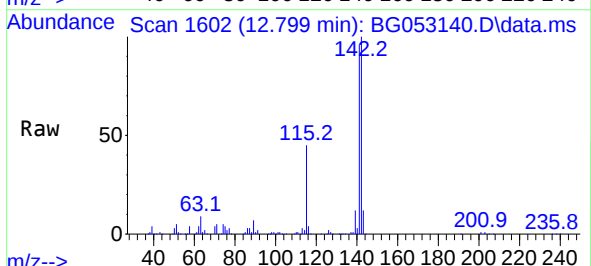
Tgt Ion:142 Resp: 23193
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 41.3 29.5 44.3

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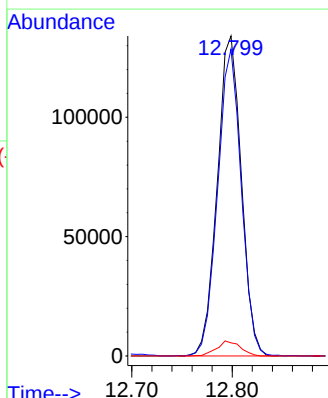
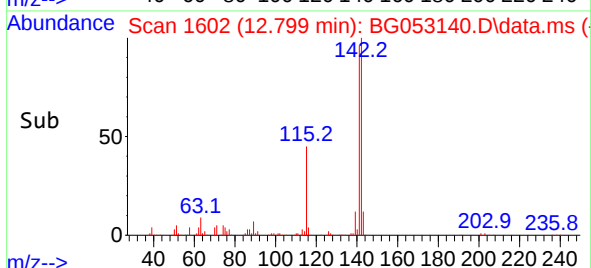
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

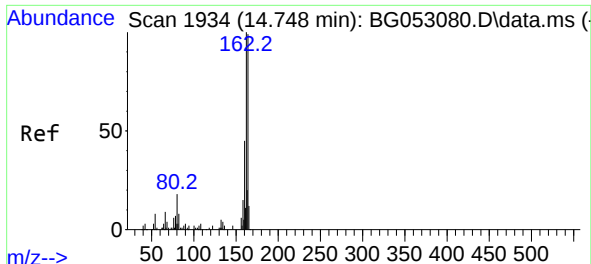


#38
1-Methylnaphthalene
Concen: 44.338 ng
RT: 12.799 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



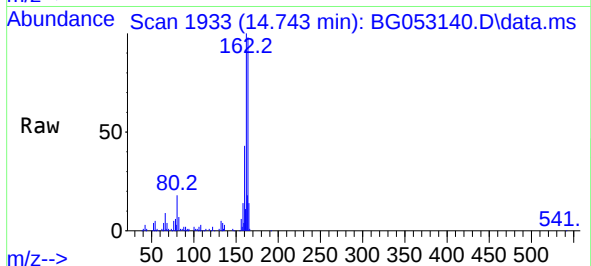
Tgt Ion:142 Resp: 222573
Ion Ratio Lower Upper
142 100
141 95.8 70.5 105.7
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

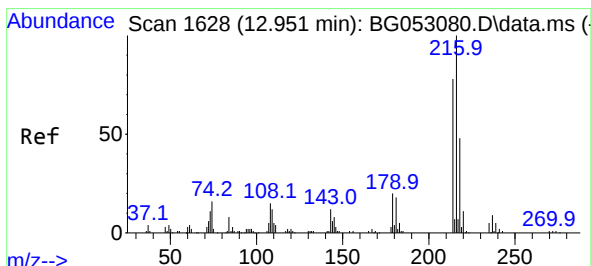
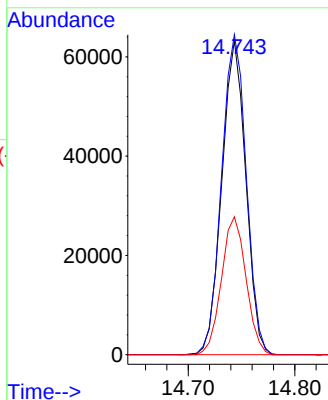
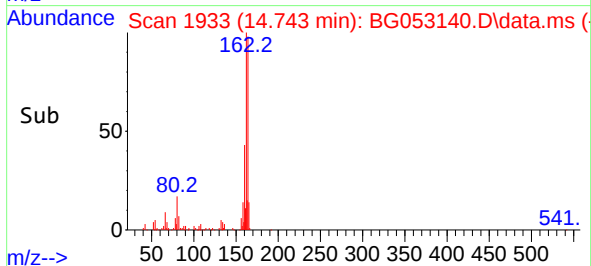
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



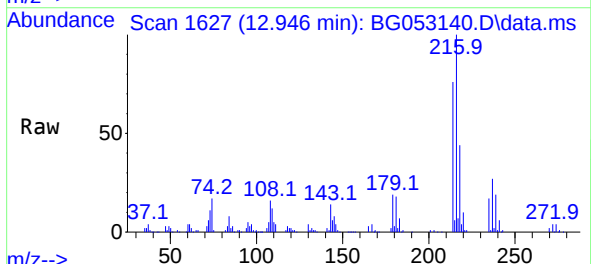
Tgt Ion:164 Resp: 98725
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 43.9 38.8 58.2

Manual Integrations
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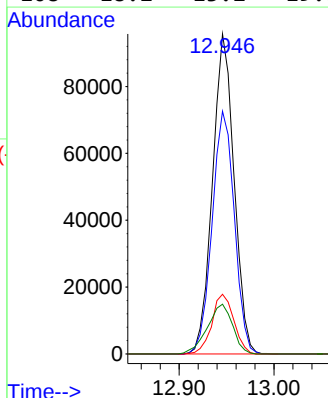
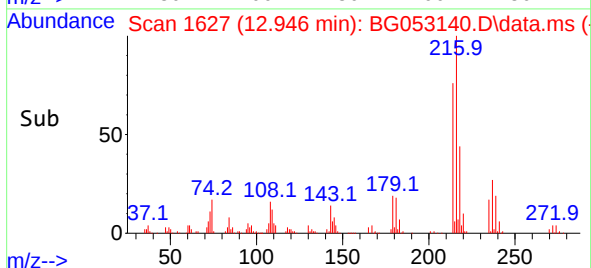
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

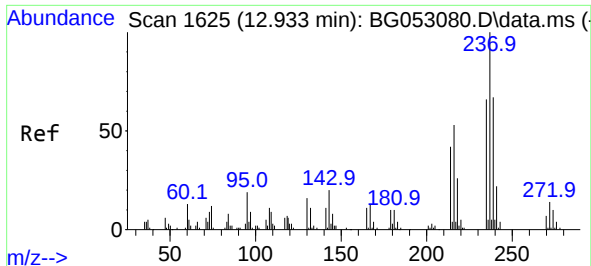


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.069 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



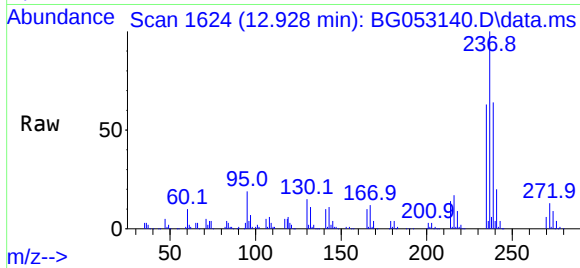
Tgt Ion:216 Resp: 151120
Ion Ratio Lower Upper
216 100
214 78.2 63.8 95.6
179 19.0 15.7 23.5
108 18.2 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 102.889 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

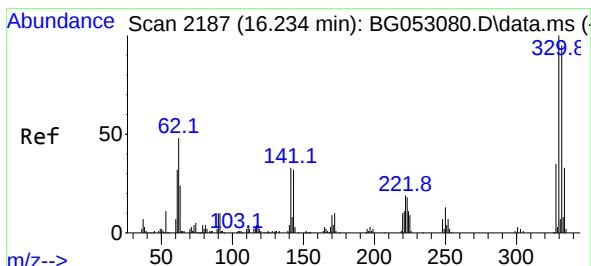
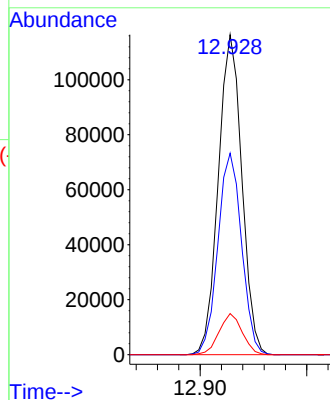
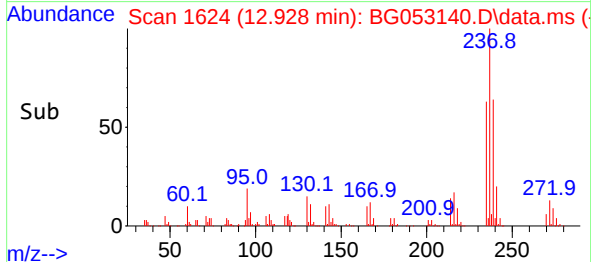
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



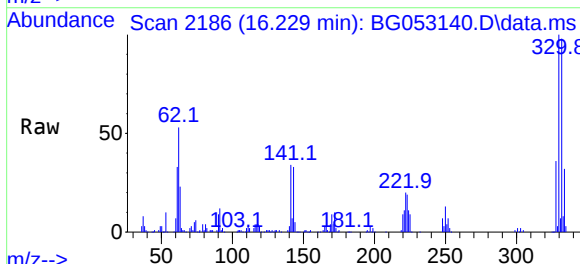
Tgt Ion:237 Resp: 17809
Ion Ratio Lower Upper
237 100
235 63.0 37.7 77.7
272 12.8 0.0 30.7

Manual Integrations
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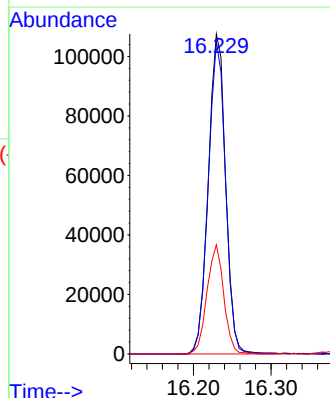
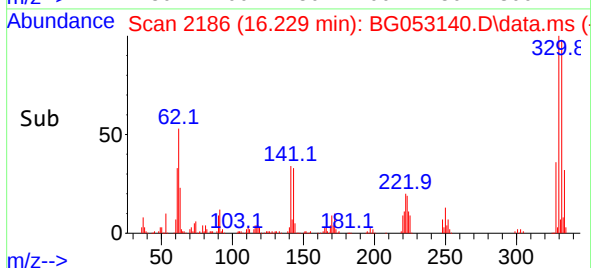
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

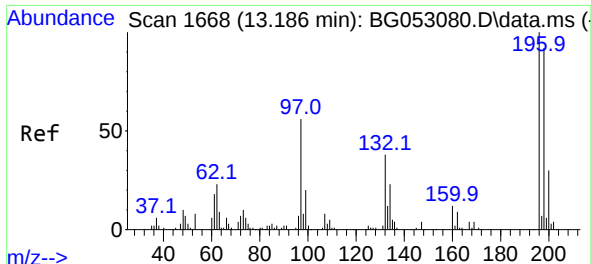


#42
2,4,6-Tribromophenol
Concen: 106.007 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



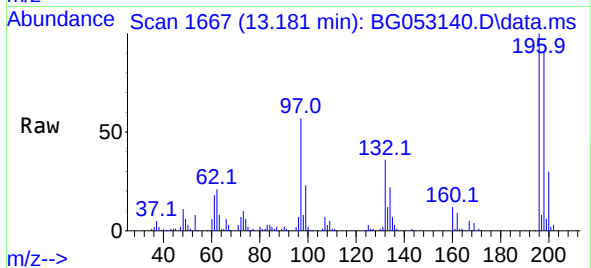
Tgt Ion:330 Resp: 166503
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.1 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 47.669 ng
RT: 13.181 min Scan# 1668
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

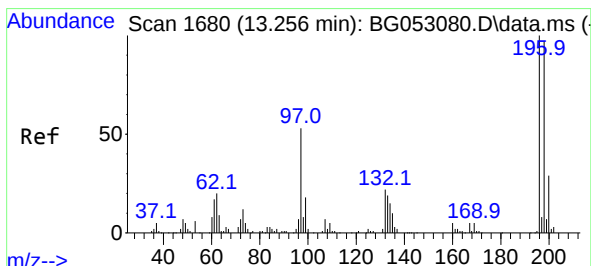
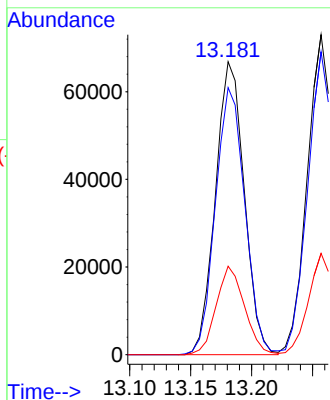
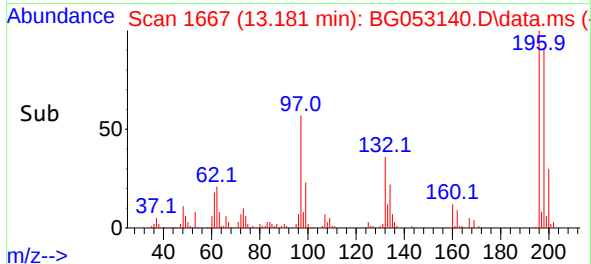
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



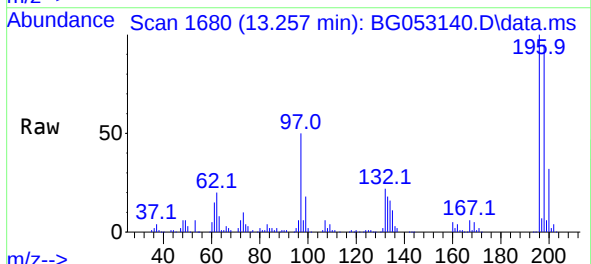
Tgt Ion:196 Resp: 11020
Ion Ratio Lower Upper
196 100
198 91.1 78.8 118.2
200 30.2 25.1 37.7

Manual Integrations
APPROVED

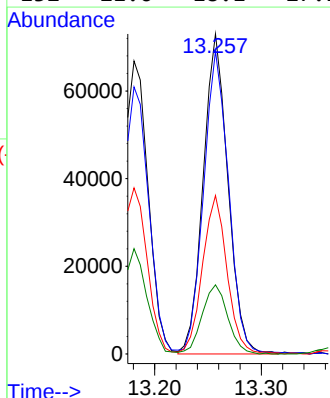
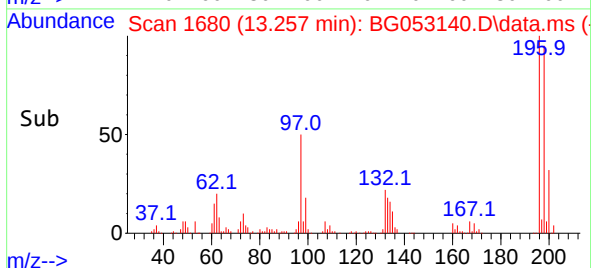
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

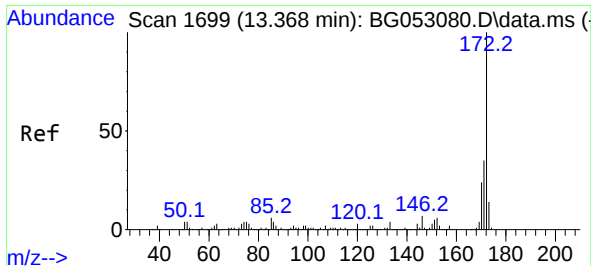


#44
2,4,5-Trichlorophenol
Concen: 47.733 ng
RT: 13.257 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



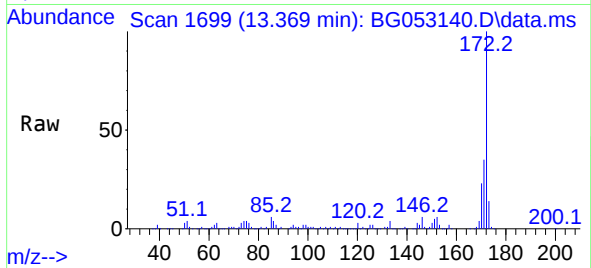
Tgt Ion:196 Resp: 117590
Ion Ratio Lower Upper
196 100
198 94.6 75.8 113.6
97 49.5 36.5 54.7
132 21.6 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 66.520 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

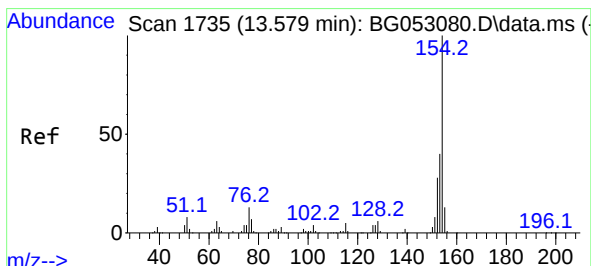
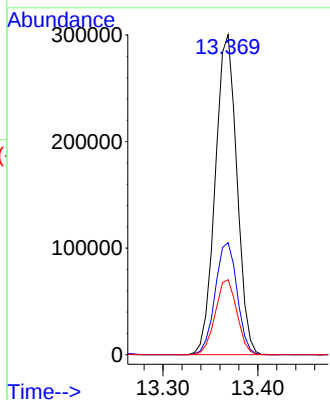
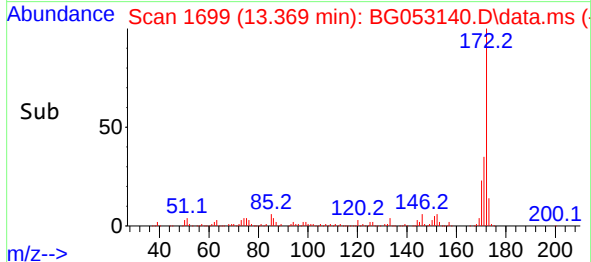
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



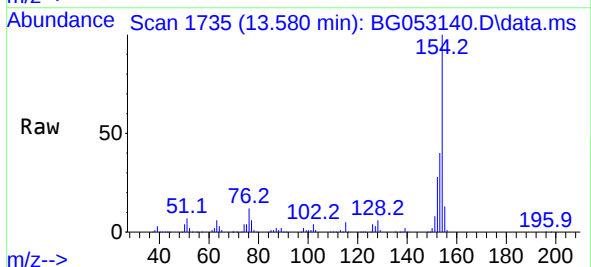
Tgt Ion:172 Resp: 476264
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 18.0 27.0

Manual Integrations
APPROVED

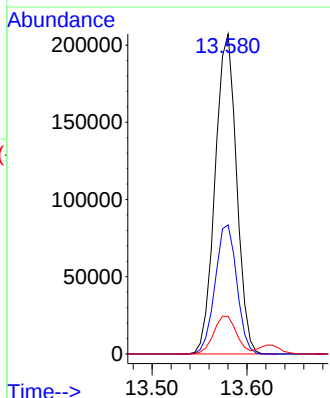
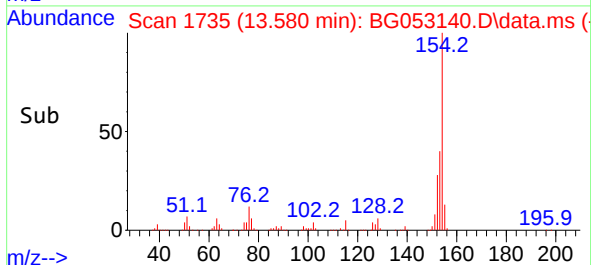
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

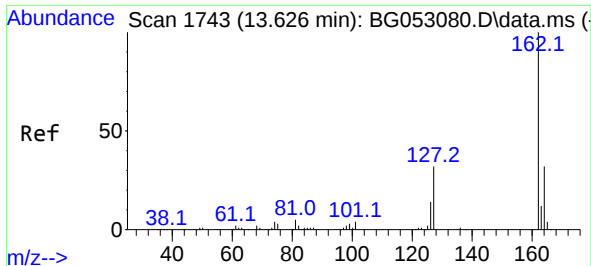


#46
1,1'-Biphenyl
Concen: 45.796 ng
RT: 13.580 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



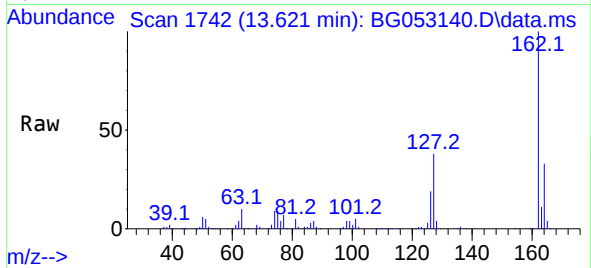
Tgt Ion:154 Resp: 325589
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 11.8 0.0 31.5





#47
2-Chloronaphthalene
Concen: 45.173 ng
RT: 13.621 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

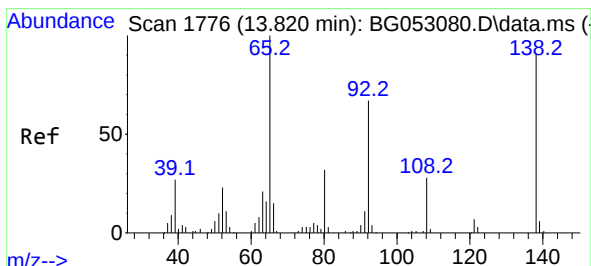
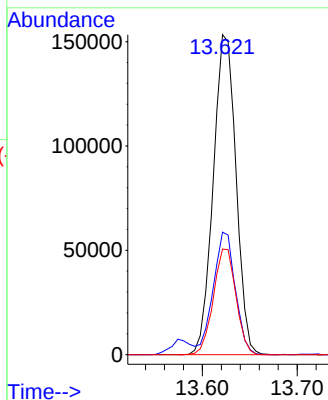
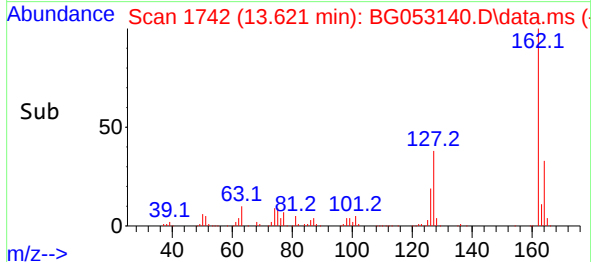
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



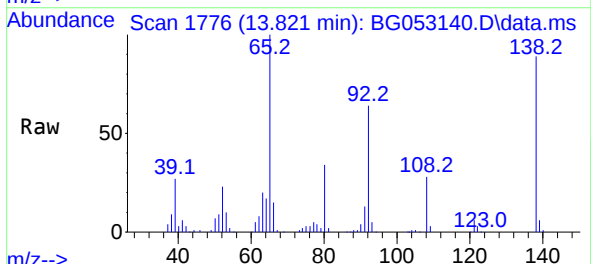
Tgt Ion:162 Resp: 256227
Ion Ratio Lower Upper
162 100
127 38.3 28.1 42.1
164 33.0 26.0 39.0

Manual Integrations
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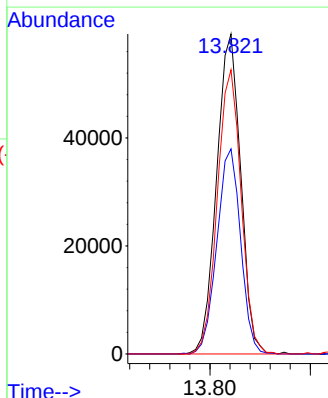
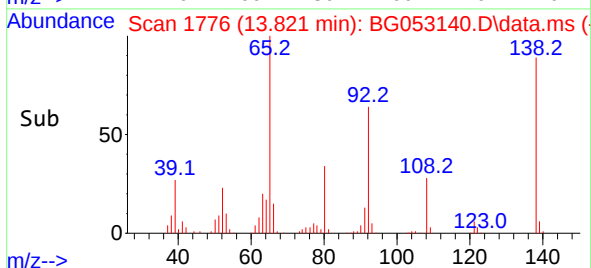
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

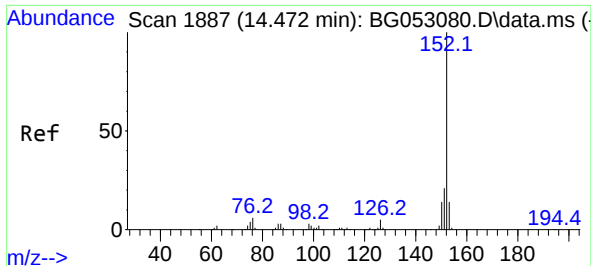


#48
2-Nitroaniline
Concen: 45.781 ng
RT: 13.821 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



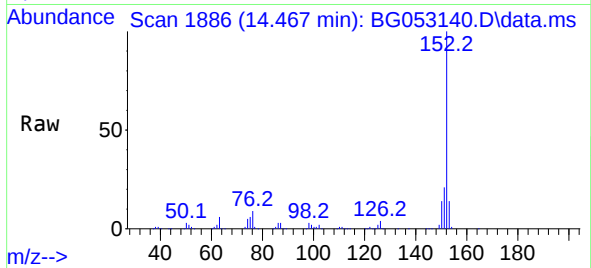
Tgt Ion: 65 Resp: 98547
Ion Ratio Lower Upper
65 100
92 64.1 52.1 78.1
138 88.8 80.1 120.1





#49
Acenaphthylene
Concen: 48.676 ng
RT: 14.467 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

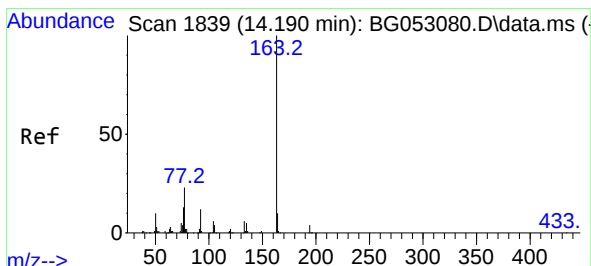
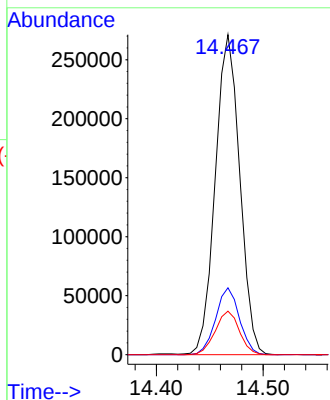
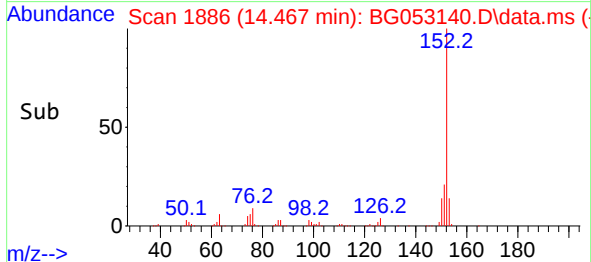
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



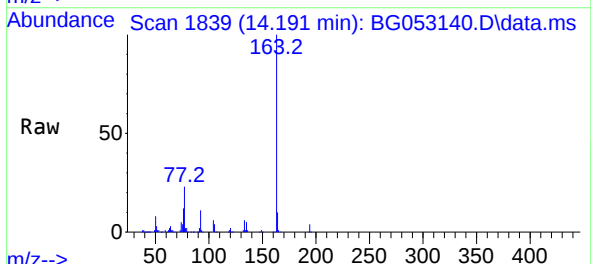
Tgt Ion:152 Resp: 43220
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 13.6 10.6 15.8

Manual Integrations
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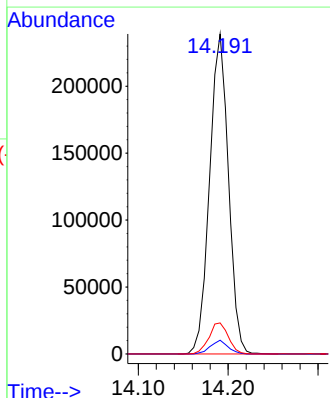
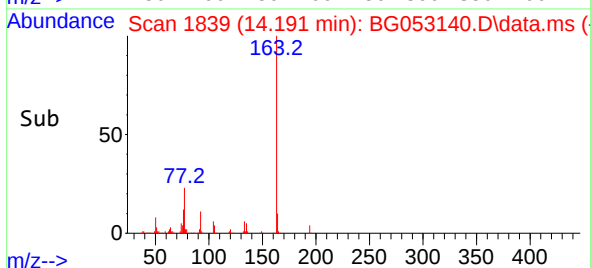
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

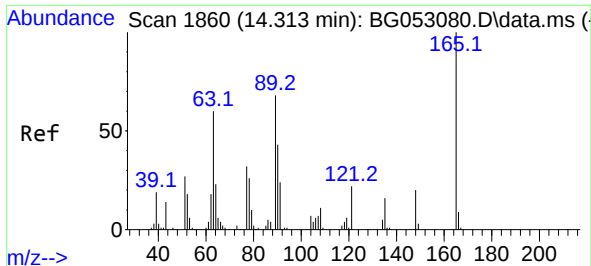


#50
Dimethylphthalate
Concen: 44.096 ng
RT: 14.191 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



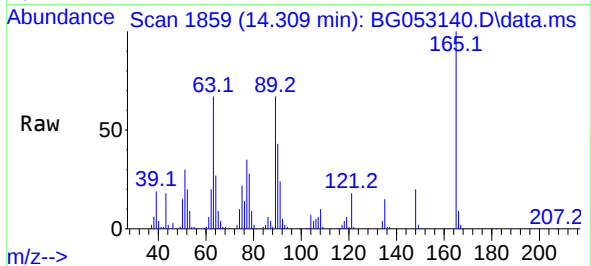
Tgt Ion:163 Resp: 348202
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.053 ng
RT: 14.309 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

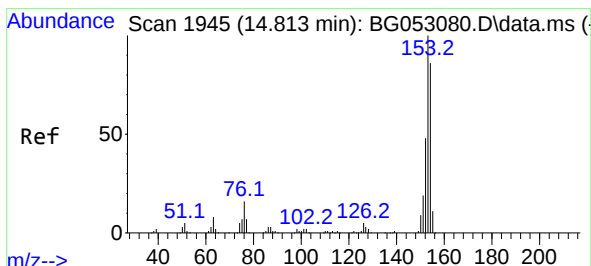
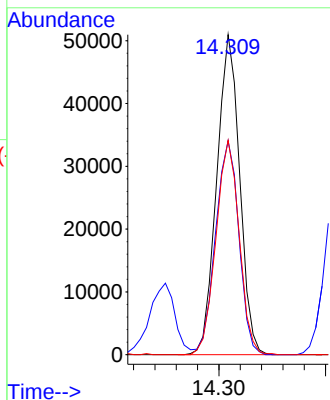
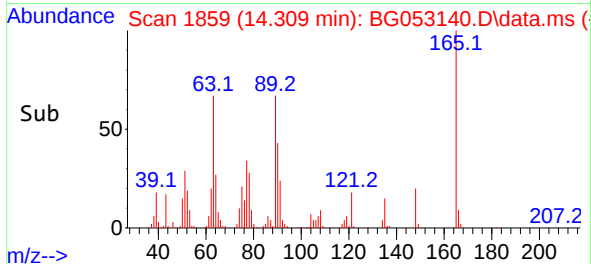
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:165 Resp: 75864
Ion Ratio Lower Upper
165 100
63 66.8 43.7 65.5
89 66.9 45.0 67.4

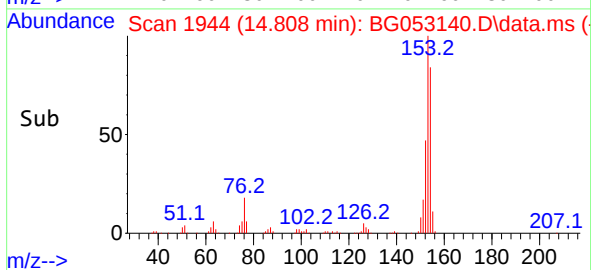
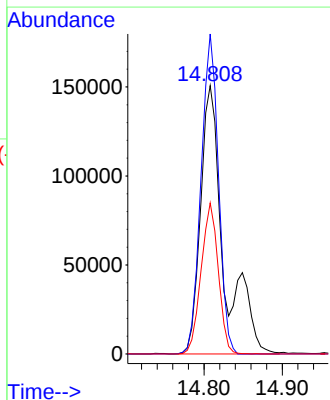
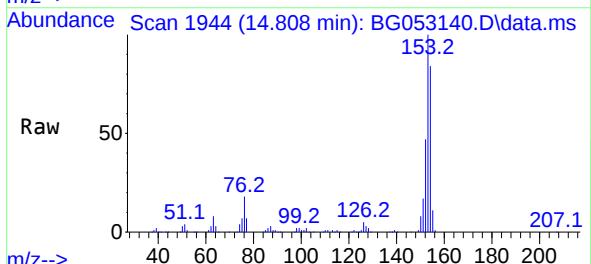
Manual Integrations
APPROVED

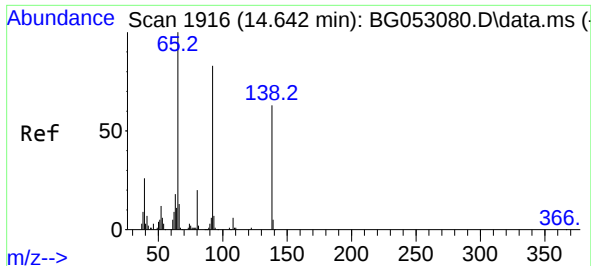
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#52
Acenaphthene
Concen: 52.233 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

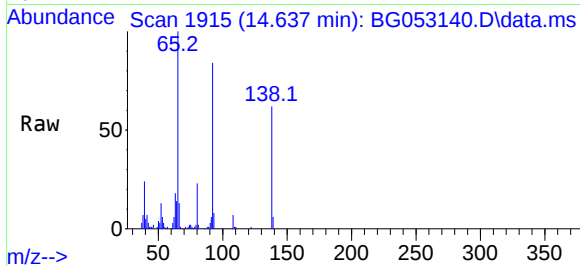
Tgt Ion:154 Resp: 314513
Ion Ratio Lower Upper
154 100
153 119.3 89.0 133.4
152 56.3 40.5 60.7





#53
3-Nitroaniline
Concen: 25.284 ng
RT: 14.637 min Scan# 1916
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

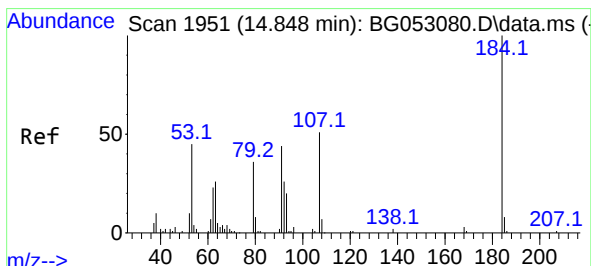
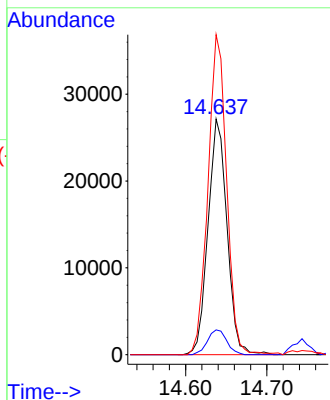
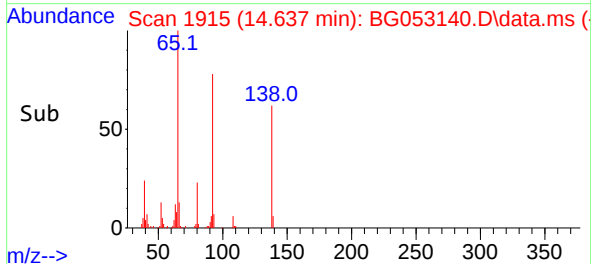
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



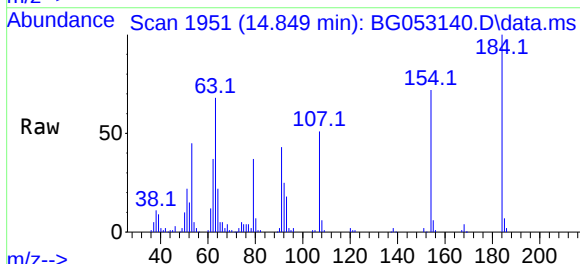
Tgt Ion:138 Resp: 4404
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 135.8 96.2 144.2

Manual Integrations
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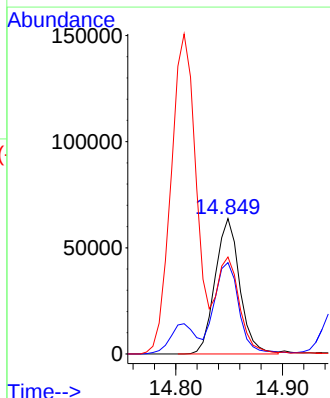
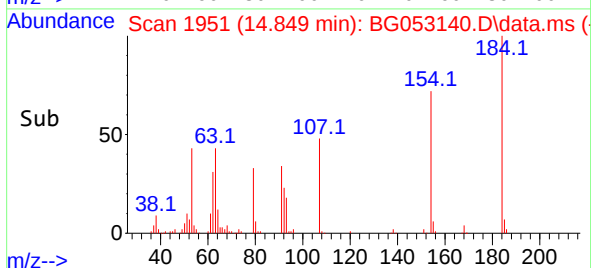
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#54
2,4-Dinitrophenol
Concen: 97.182 ng
RT: 14.849 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



Tgt Ion:184 Resp: 101863
Ion Ratio Lower Upper
184 100
63 67.5 51.8 77.6
154 71.6 47.8 71.6





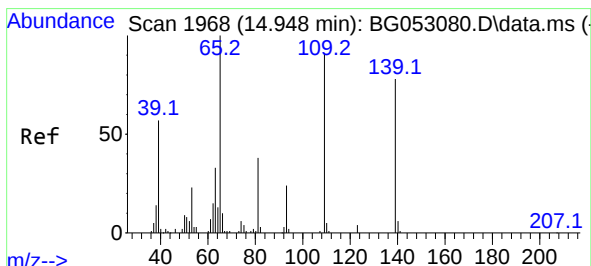
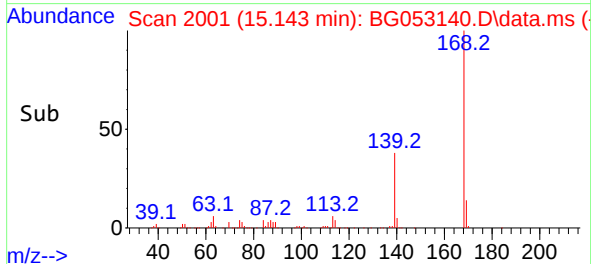
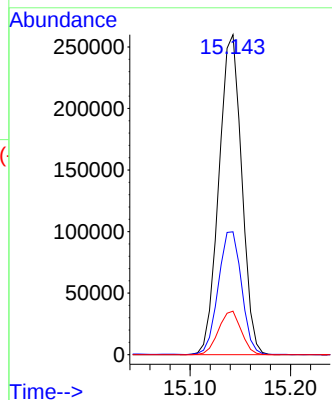
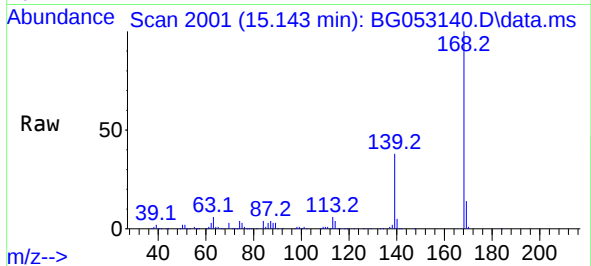
#55
Dibenzenofuran
Concen: 43.407 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD

Tgt Ion:168 Resp: 40926
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.4
169 13.6 10.7 16.1

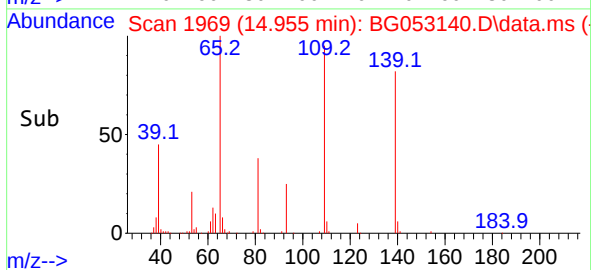
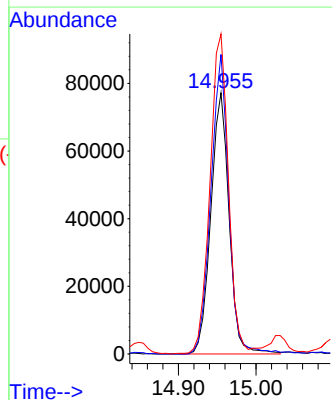
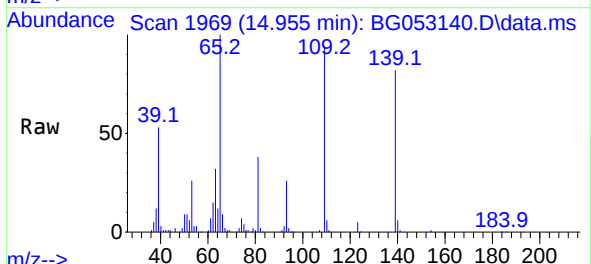
Manual Integrations
APPROVED

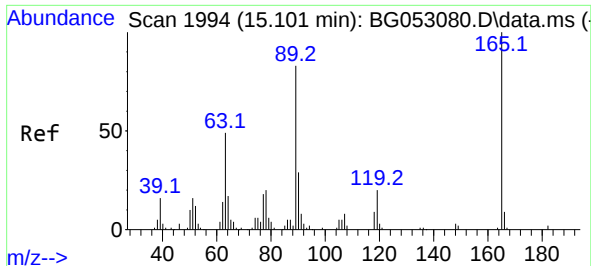
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#56
4-Nitrophenol
Concen: 95.257 ng
RT: 14.955 min Scan# 1969
Delta R.T. 0.007 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

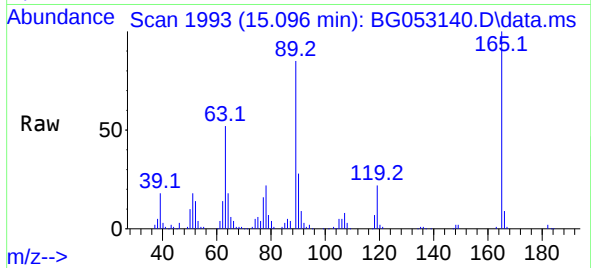
Tgt Ion:139 Resp: 126549
Ion Ratio Lower Upper
139 100
109 114.7 67.1 107.1#
65 122.5 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 46.305 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

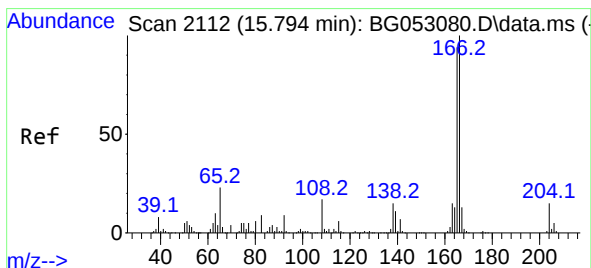
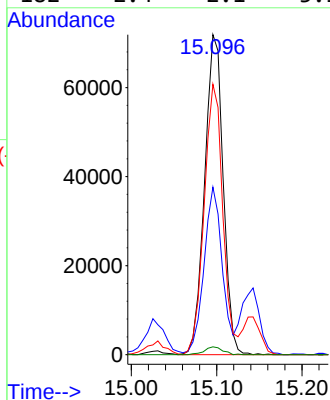
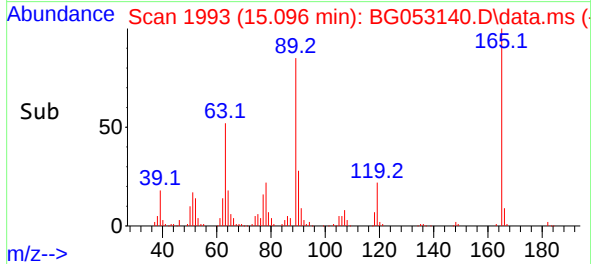
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



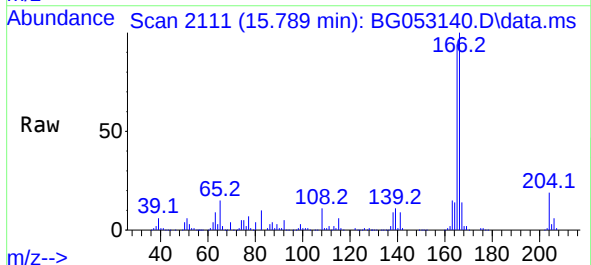
Tgt Ion:165 Resp: 108598
Ion Ratio Lower Upper
165 100
63 52.4 34.8 52.2
89 84.5 57.4 86.0
182 2.4 2.1 3.1

Manual Integrations
APPROVED

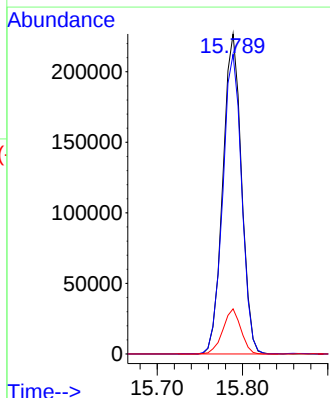
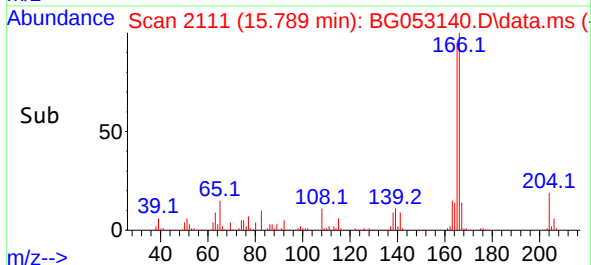
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

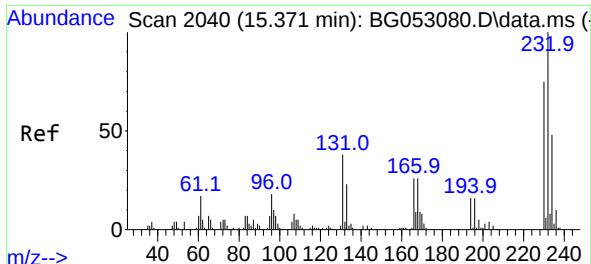


#58
Fluorene
Concen: 45.030 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



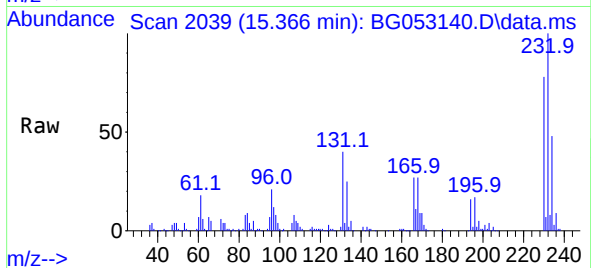
Tgt Ion:166 Resp: 342911
Ion Ratio Lower Upper
166 100
165 93.7 78.6 117.8
167 14.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.339 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

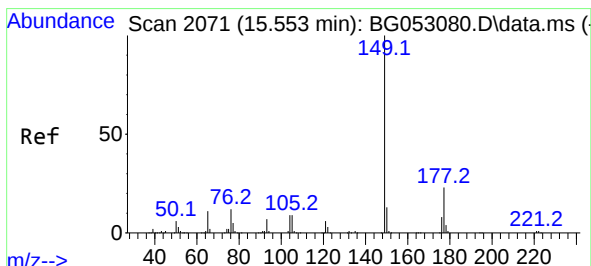
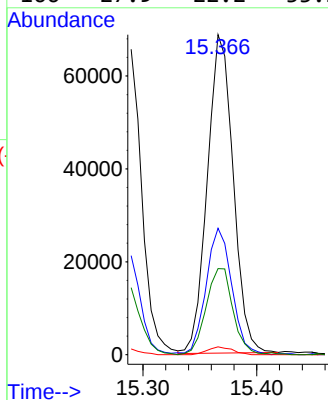
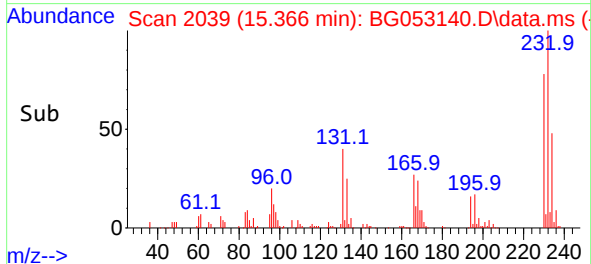
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



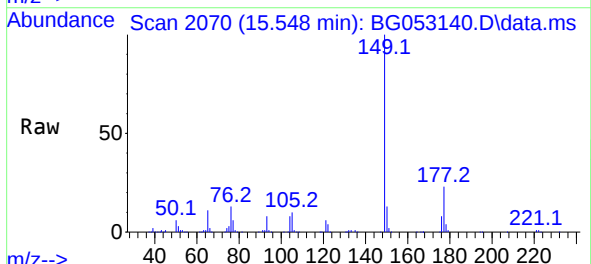
Tgt Ion:232 Resp: 108468
Ion Ratio Lower Upper
232 100
131 39.5 30.1 45.1
130 2.4 1.8 2.8
166 27.9 22.2 33.2

Manual Integrations
APPROVED

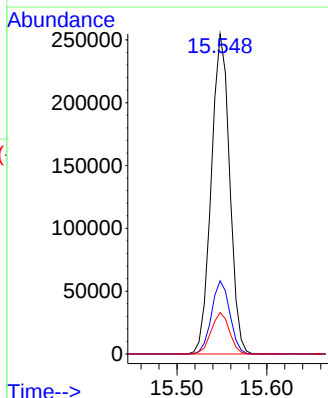
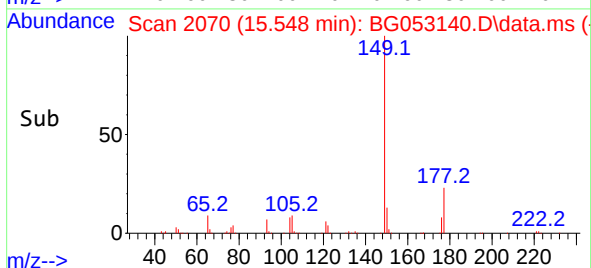
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

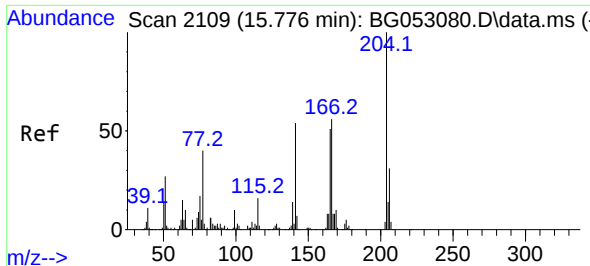


#60
Diethylphthalate
Concen: 43.651 ng
RT: 15.548 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



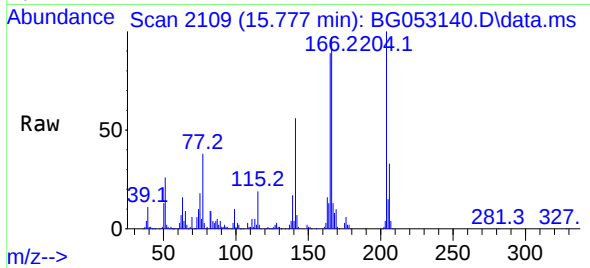
Tgt Ion:149 Resp: 361141
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.091 ng
RT: 15.777 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

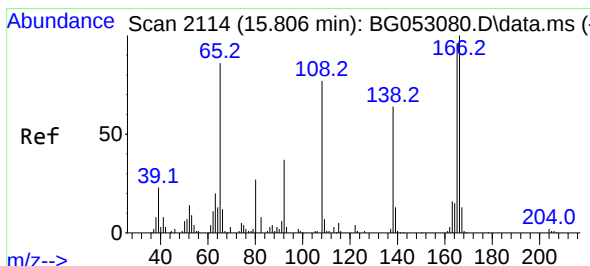
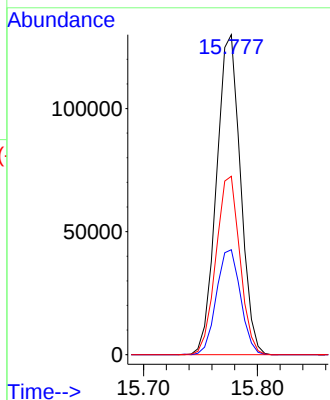
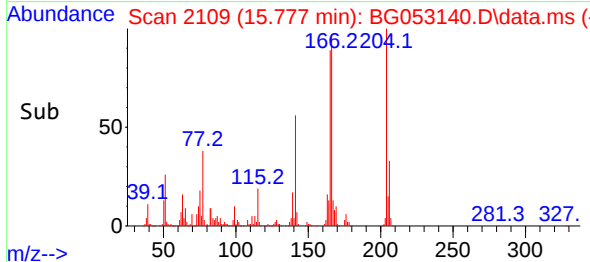
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



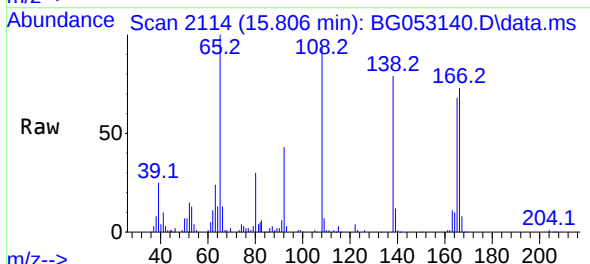
Tgt Ion:204 Resp: 19033
Ion Ratio Lower Upper
204 100
206 32.8 28.3 42.5
141 55.7 45.8 68.8

Manual Integrations
APPROVED

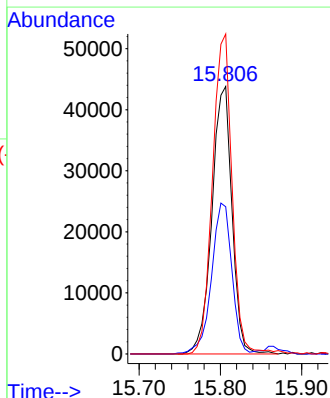
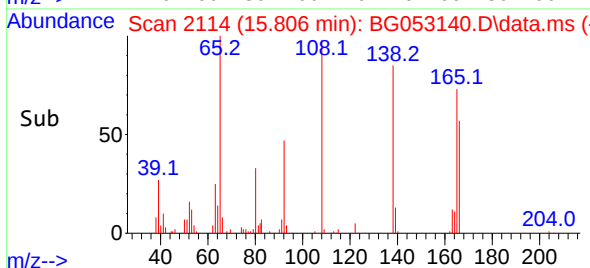
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

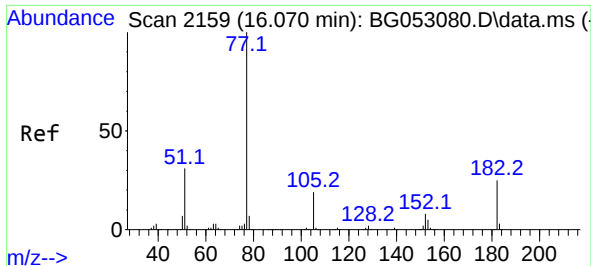


#62
4-Nitroaniline
Concen: 40.891 ng
RT: 15.806 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



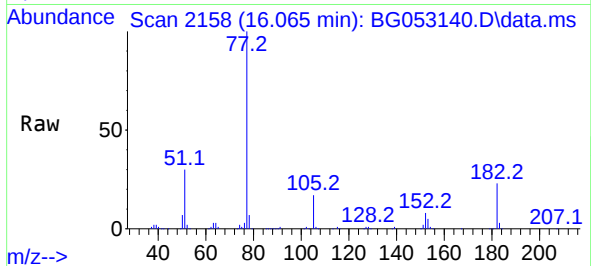
Tgt Ion:138 Resp: 75162
Ion Ratio Lower Upper
138 100
92 55.0 33.3 73.3
108 119.6 74.2 114.2#





#63
Azobenzene
Concen: 43.445 ng
RT: 16.065 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

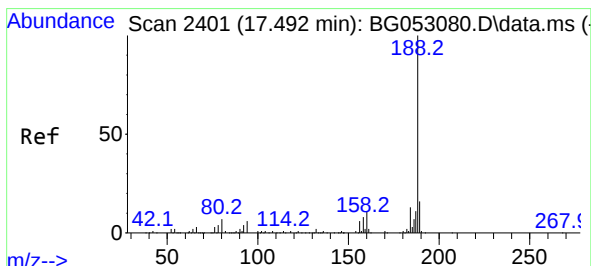
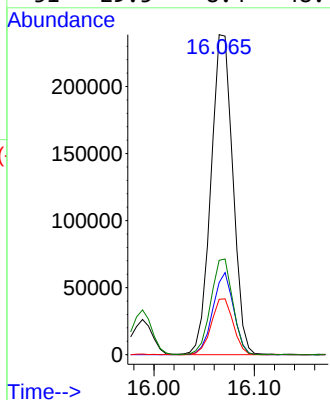
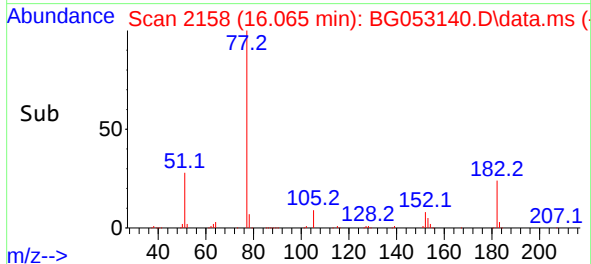
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



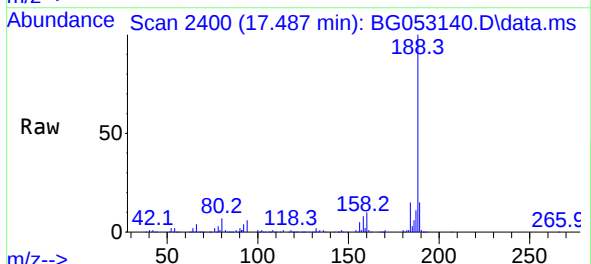
Tgt Ion: 77 Resp: 36239
Ion Ratio Lower Upper
77 100
182 22.5 5.6 45.6
105 17.3 0.0 38.8
51 29.5 8.4 48.4

Manual Integrations
APPROVED

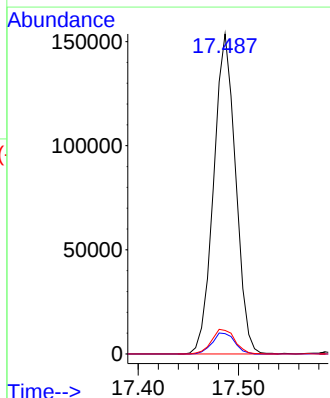
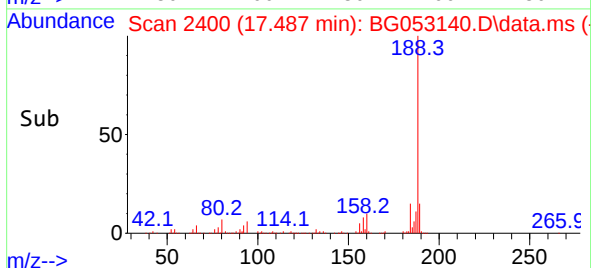
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

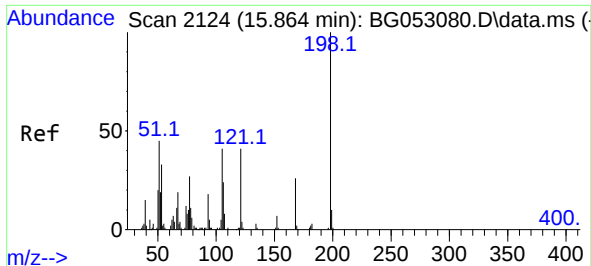


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



Tgt Ion:188 Resp: 233167
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 7.4 7.2 10.8





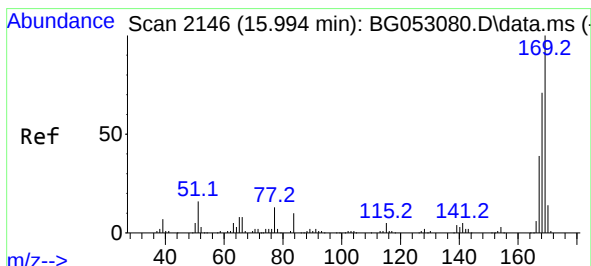
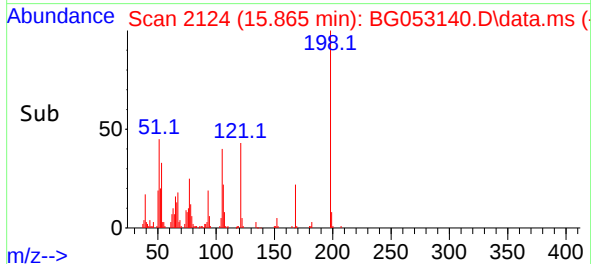
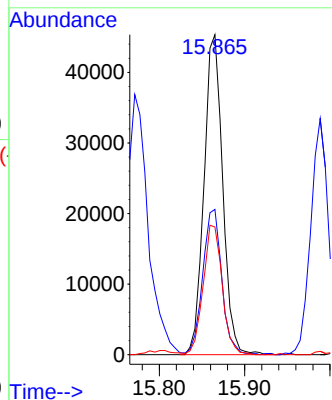
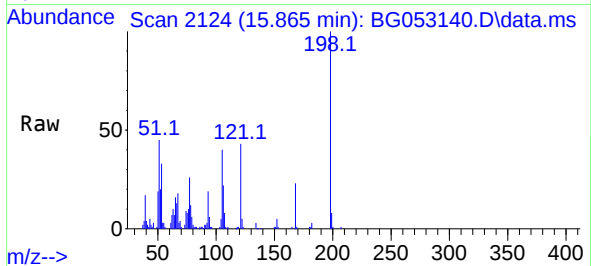
#65
4,6-Dinitro-2-methylphenol
Concen: 42.380 ng
RT: 15.865 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD

Tgt Ion:198 Resp: 6894
Ion Ratio Lower Upper
198 100
51 45.4 21.7 61.7
105 39.9 20.8 60.8

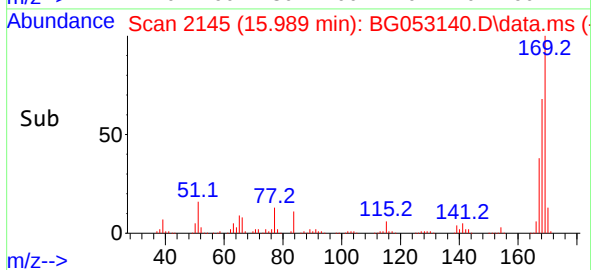
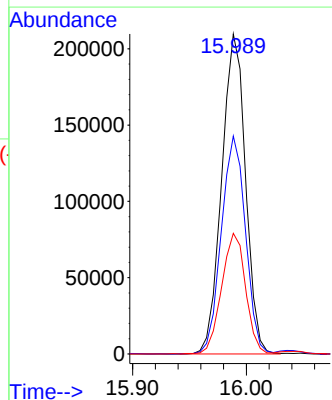
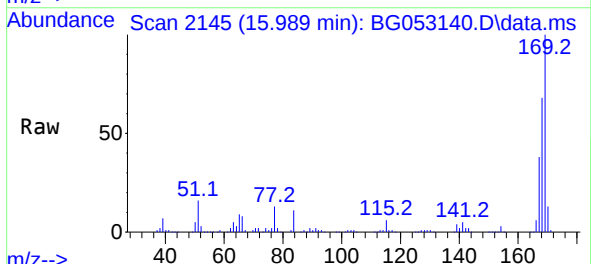
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#66
n-Nitrosodiphenylamine
Concen: 45.452 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

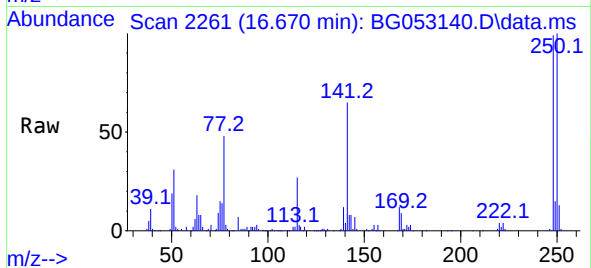
Tgt Ion:169 Resp: 304762
Ion Ratio Lower Upper
169 100
168 68.1 54.5 81.7
167 37.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.740 ng
RT: 16.670 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

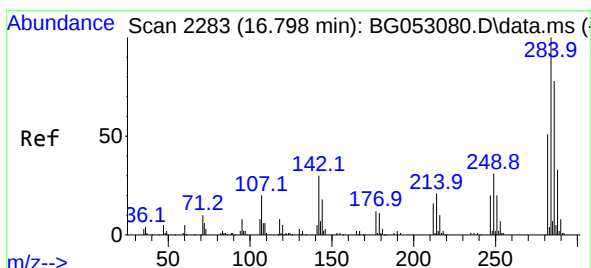
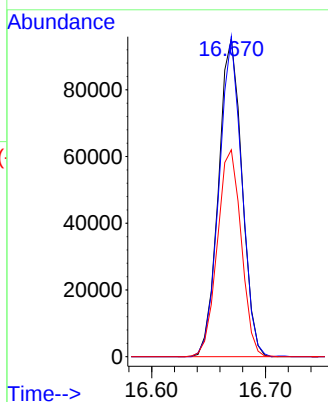
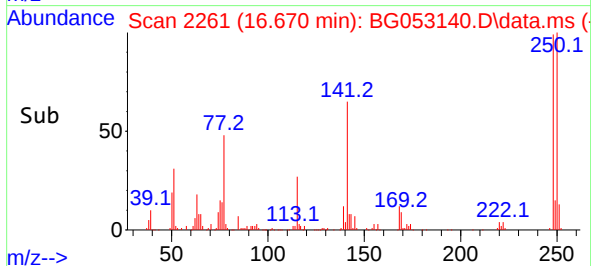
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



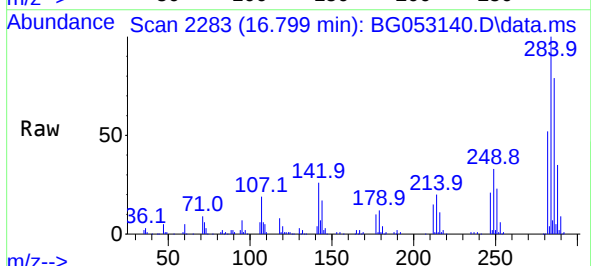
Tgt Ion:248 Resp: 136658
Ion Ratio Lower Upper
248 100
250 100.7 77.9 116.9
141 65.1 49.2 73.8

Manual Integrations
APPROVED

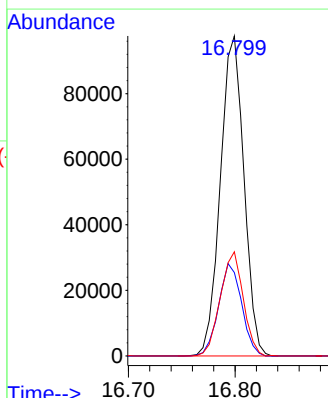
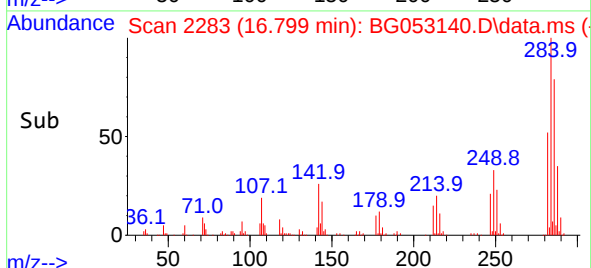
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

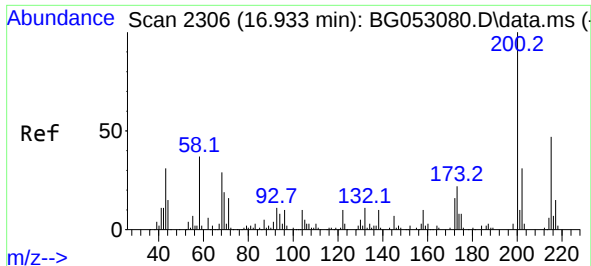


#68
Hexachlorobenzene
Concen: 46.267 ng
RT: 16.799 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



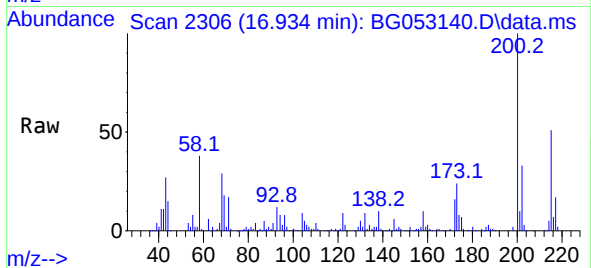
Tgt Ion:284 Resp: 149697
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.4
249 32.5 22.7 34.1





#69
 Atrazine
 Concen: 49.722 ng
 RT: 16.934 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053140.D
 Acq: 13 Apr 2022 16:06

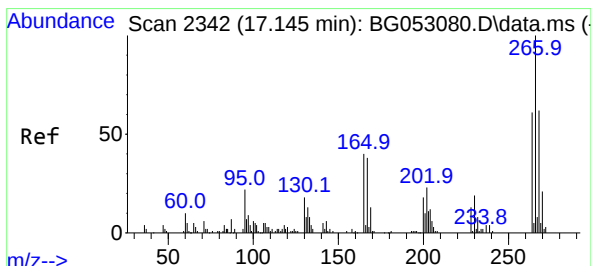
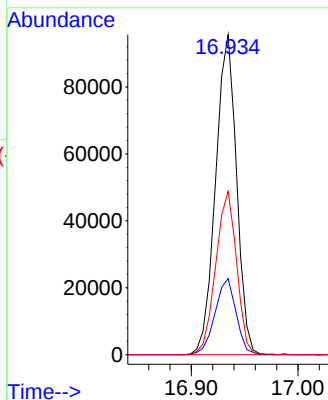
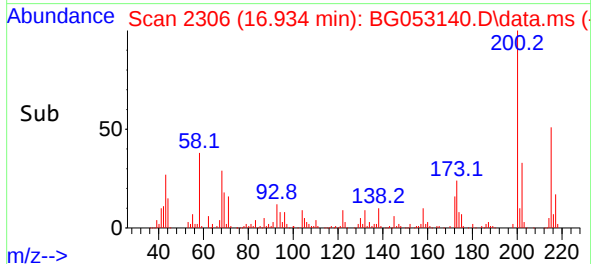
Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-5-10MSD



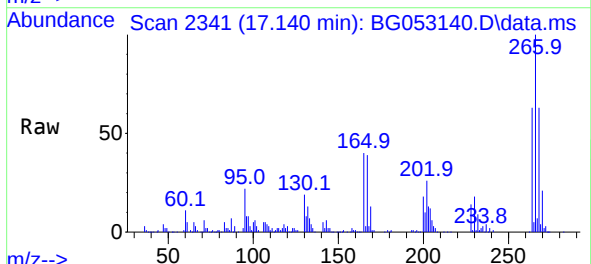
Tgt Ion:200 Resp: 130229
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.8 43.8
 215 51.0 26.3 66.3

Manual Integrations
 APPROVED

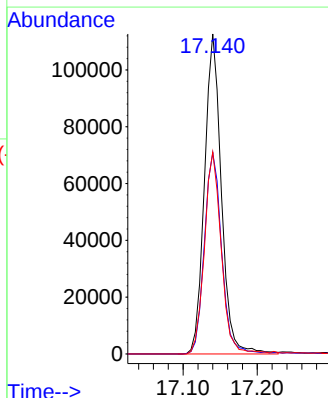
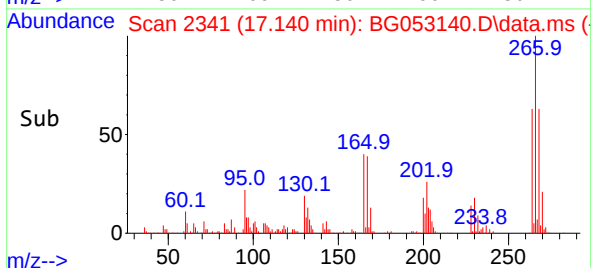
Reviewed By :Christian Giraldo 04/14/2022
 Supervised By :Jagrut Upadhyay 04/14/2022

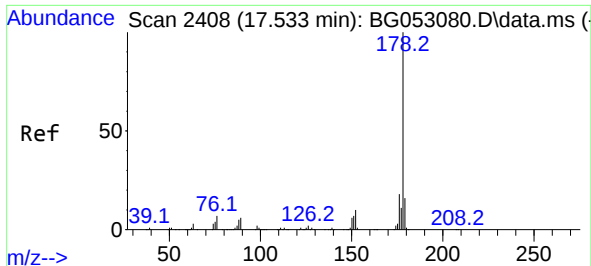


#70
 Pentachlorophenol
 Concen: 100.618 ng
 RT: 17.140 min Scan# 2341
 Delta R.T. -0.005 min
 Lab File: BG053140.D
 Acq: 13 Apr 2022 16:06



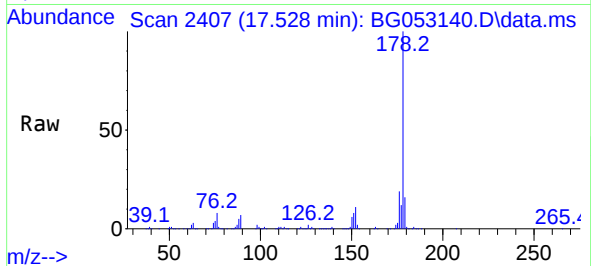
Tgt Ion:266 Resp: 177923
 Ion Ratio Lower Upper
 266 100
 268 62.9 45.9 68.9
 264 63.1 45.3 67.9





#71
Phenanthrene
Concen: 47.000 ng
RT: 17.528 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

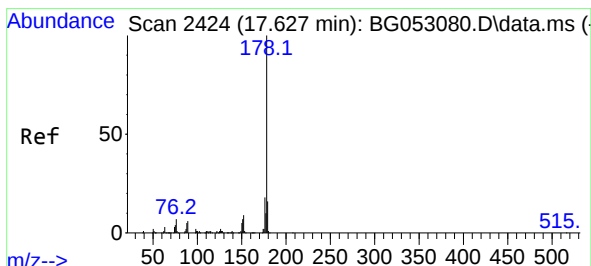
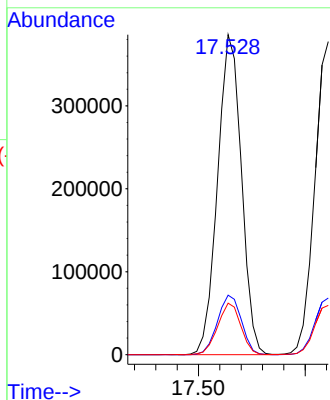
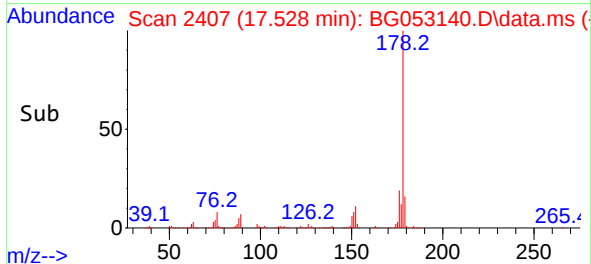
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:178 Resp: 598590
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 16.1 13.4 20.2

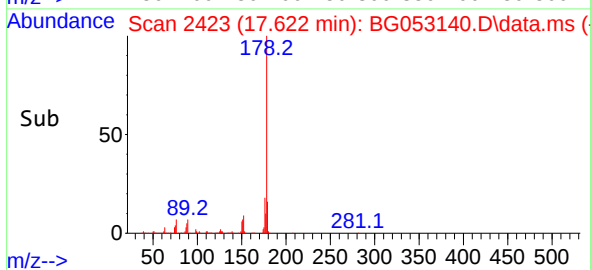
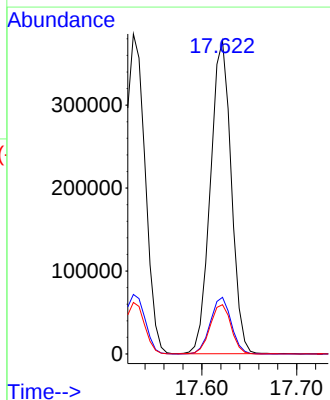
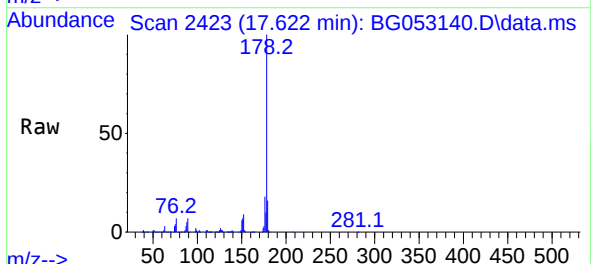
Manual Integrations
APPROVED

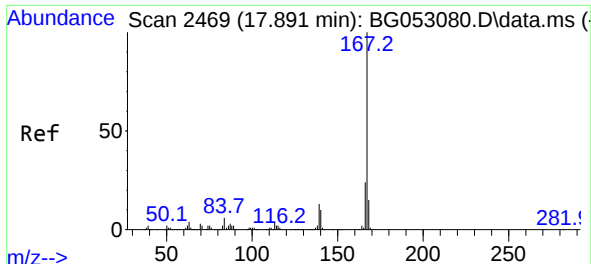
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#72
Anthracene
Concen: 45.564 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

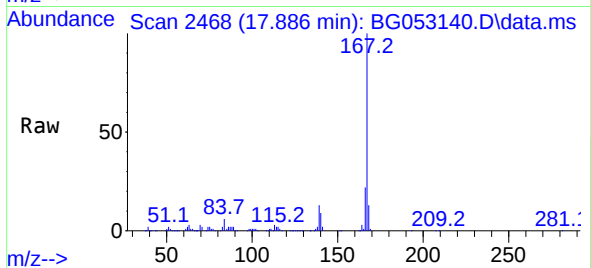
Tgt Ion:178 Resp: 574899
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.8 13.2 19.8





#73
Carbazole
Concen: 43.268 ng
RT: 17.886 min Scan# 2468
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

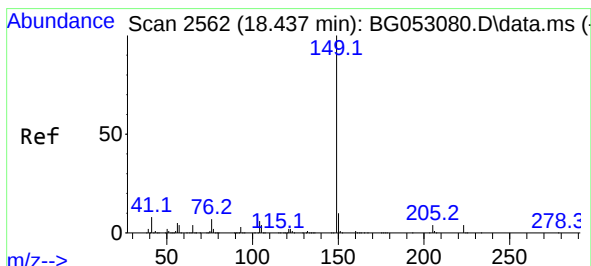
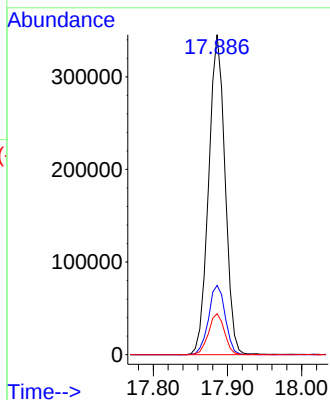
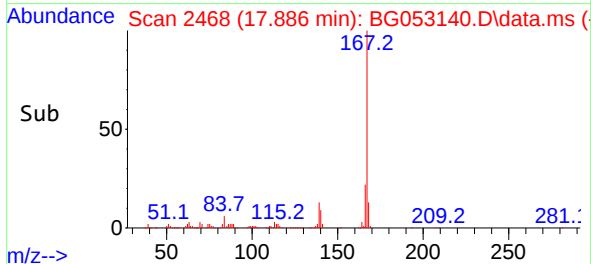
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



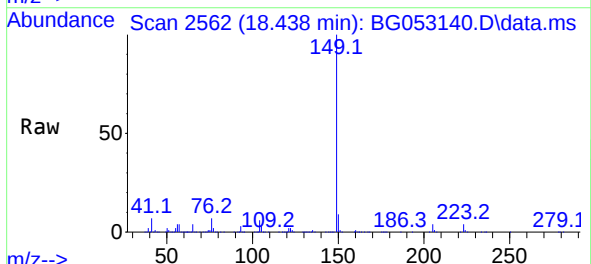
Tgt Ion:167 Resp: 530679
Ion Ratio Lower Upper
167 100
166 21.7 18.5 27.7
139 12.8 10.0 15.0

Manual Integrations
APPROVED

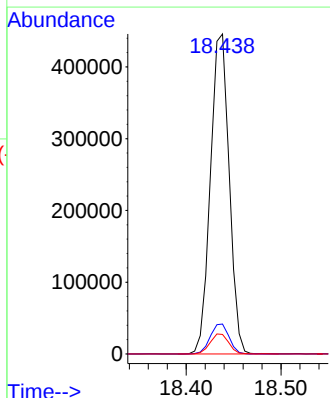
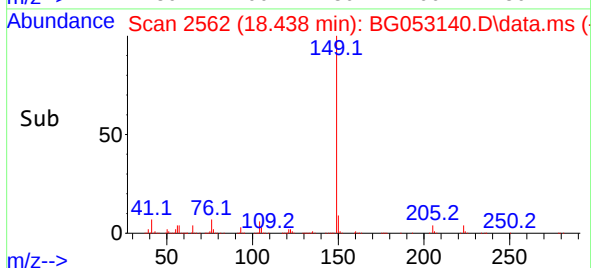
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

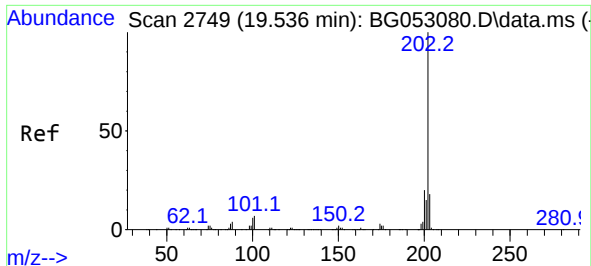


#74
Di-n-butylphthalate
Concen: 44.084 ng
RT: 18.438 min Scan# 2562
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



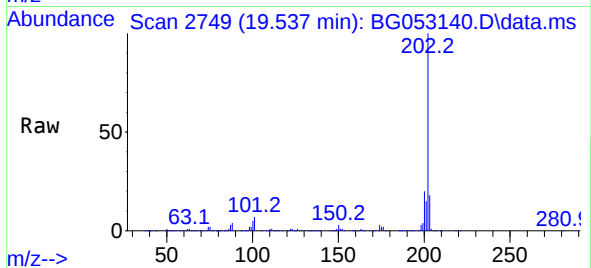
Tgt Ion:149 Resp: 613217
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 6.1 4.6 7.0





#75
Fluoranthene
Concen: 46.293 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

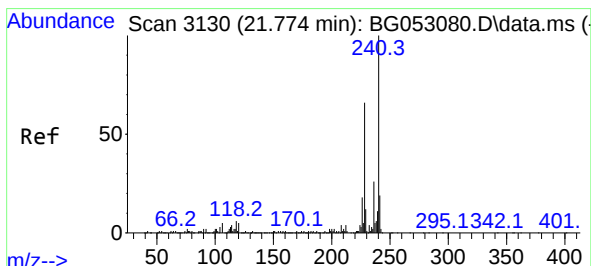
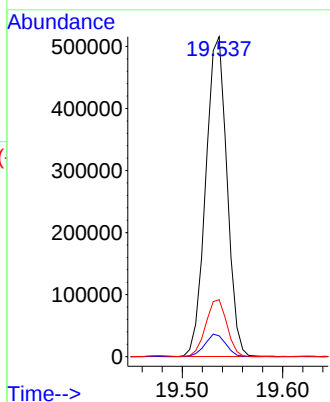
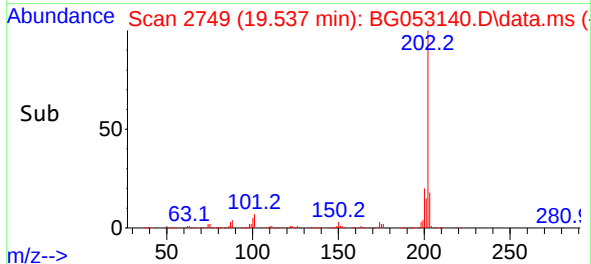
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



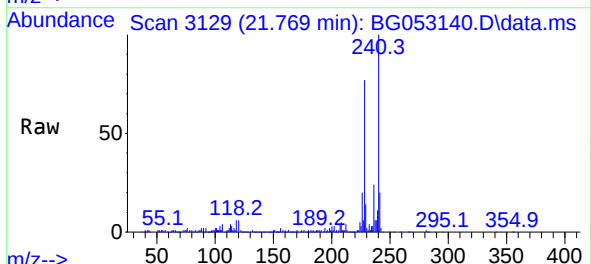
Tgt Ion:202 Resp: 75574
Ion Ratio Lower Upper
202 100
101 6.5 0.0 27.3
203 17.8 0.0 37.7

Manual Integrations
APPROVED

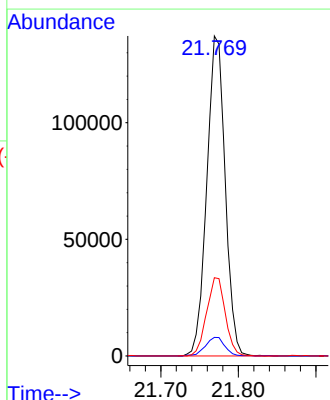
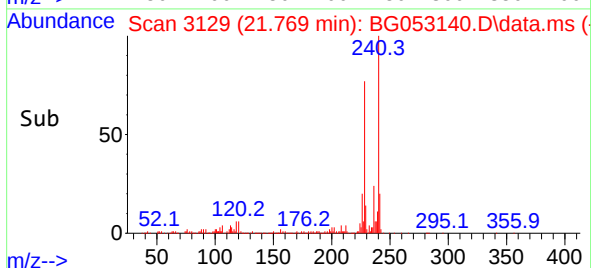
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



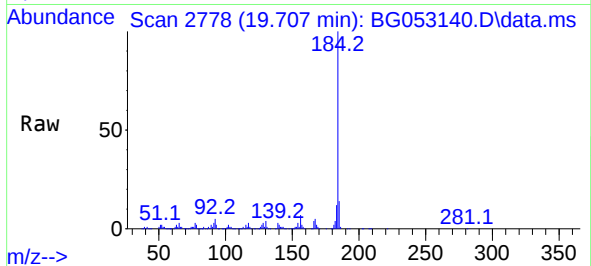
Tgt Ion:240 Resp: 226234
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.5 19.8 29.6





#77
Benzidine
Concen: 53.445 ng
RT: 19.707 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

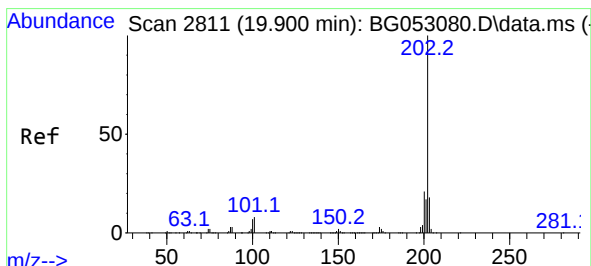
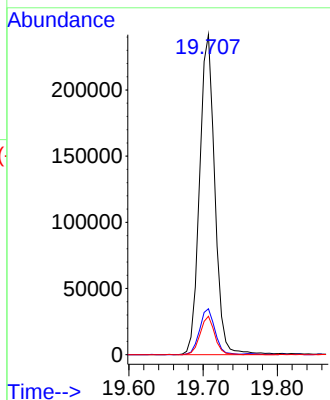
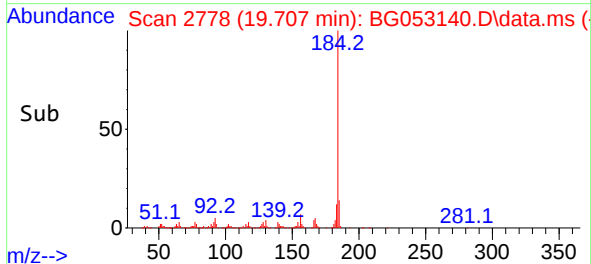
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



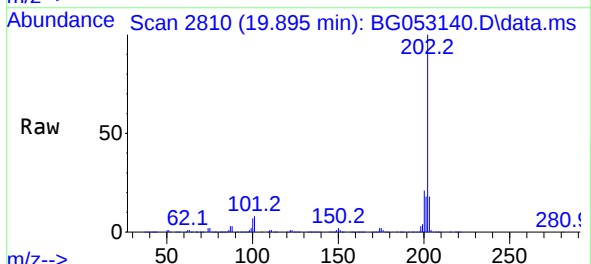
Tgt Ion:184 Resp: 344979
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 12.0 9.4 14.2

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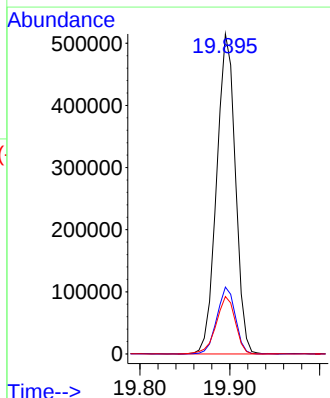
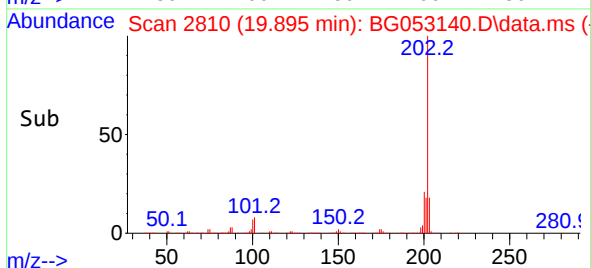
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

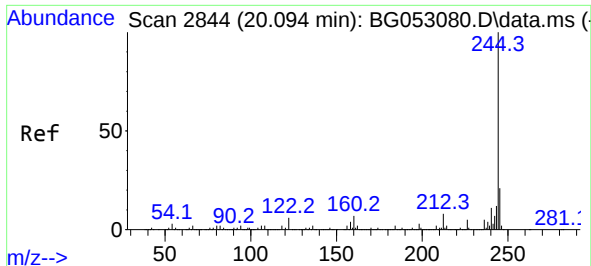


#78
Pyrene
Concen: 46.407 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06



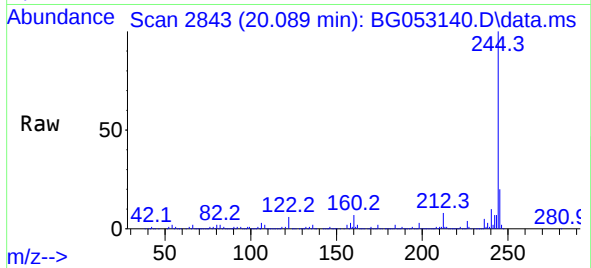
Tgt Ion:202 Resp: 747722
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.9 15.0 22.6





#79
 Terphenyl-d14
 Concen: 63.145 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053140.D
 Acq: 13 Apr 2022 16:06

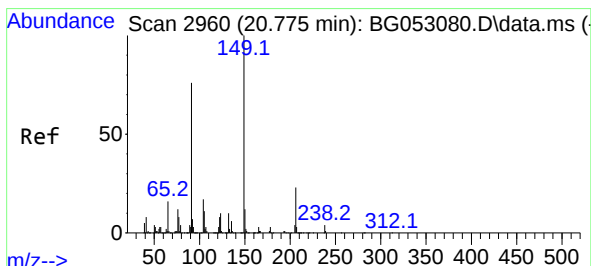
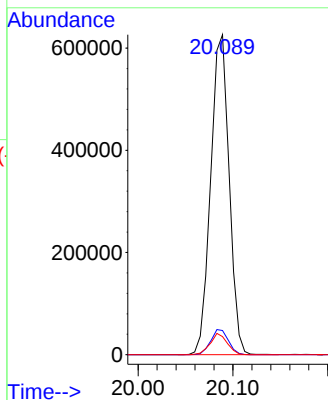
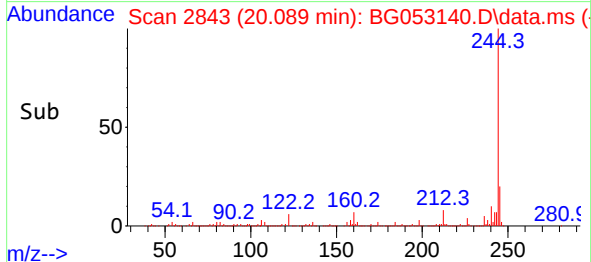
Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-5-10MSD



Tgt Ion:244 Resp: 84584
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 5.6 5.8 8.6

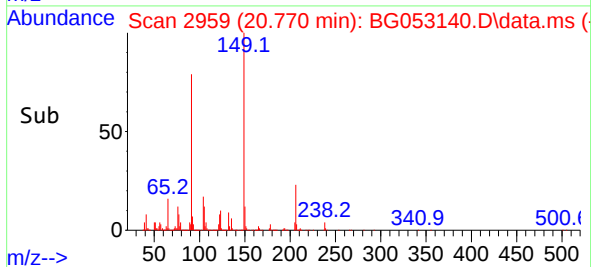
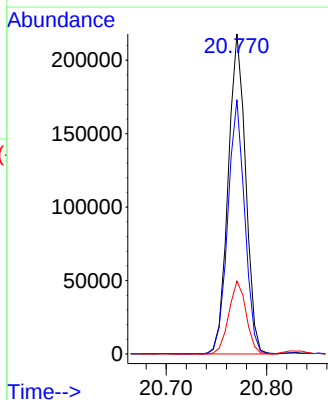
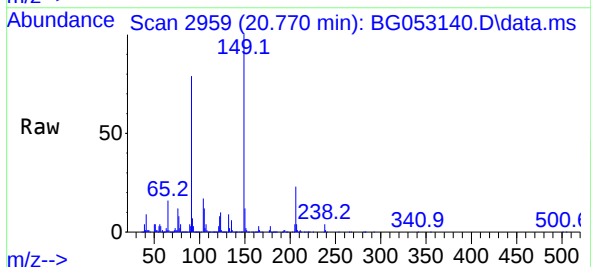
Manual Integrations
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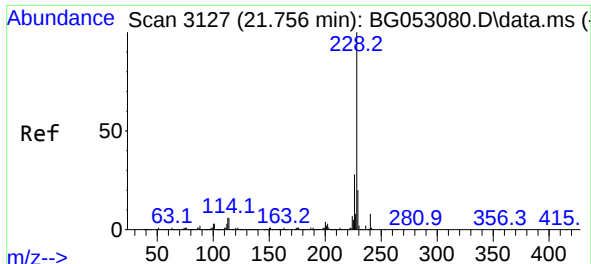
Reviewed By :Christian Giraldo 04/14/2022
 Supervised By :Jagrut Upadhyay 04/14/2022



#80
 Butylbenzylphthalate
 Concen: 43.943 ng
 RT: 20.770 min Scan# 2959
 Delta R.T. -0.005 min
 Lab File: BG053140.D
 Acq: 13 Apr 2022 16:06

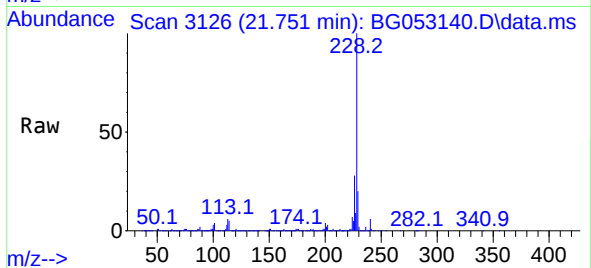
Tgt Ion:149 Resp: 263962
 Ion Ratio Lower Upper
 149 100
 91 79.5 60.2 90.4
 206 22.8 19.4 29.2





#81
Benzo(a)anthracene
Concen: 46.210 ng
RT: 21.751 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

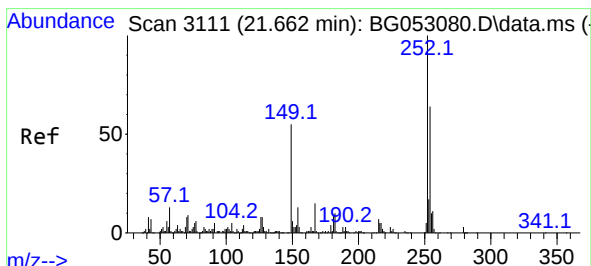
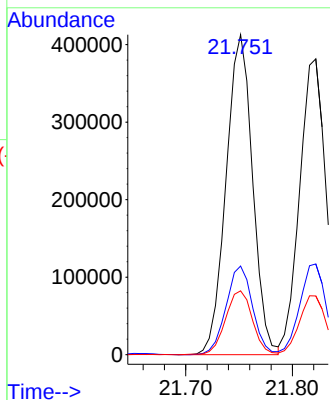
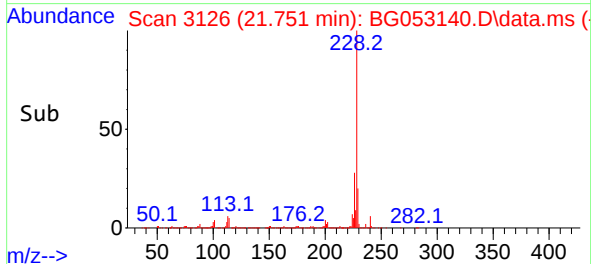
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:228 Resp: 714790
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 20.0 16.7 25.1

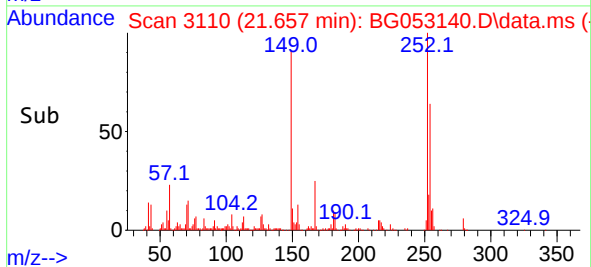
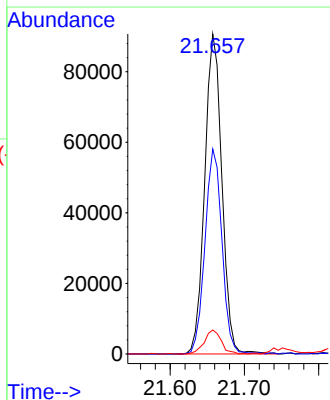
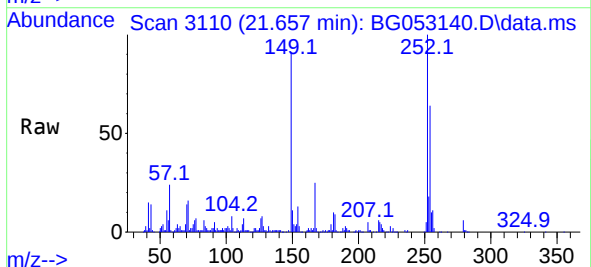
Manual Integrations
APPROVED

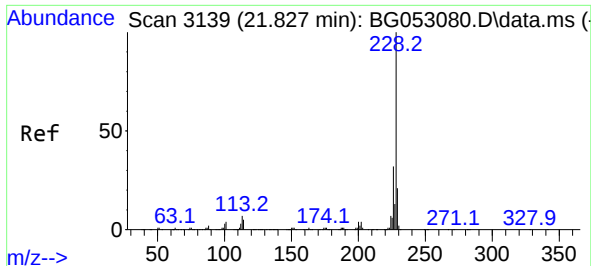
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 25.599 ng
RT: 21.657 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

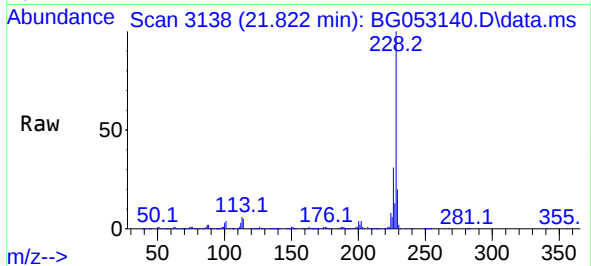
Tgt Ion:252 Resp: 145627
Ion Ratio Lower Upper
252 100
254 64.1 51.2 76.8
126 7.5 5.8 8.8





#83
Chrysene
Concen: 45.403 ng
RT: 21.822 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

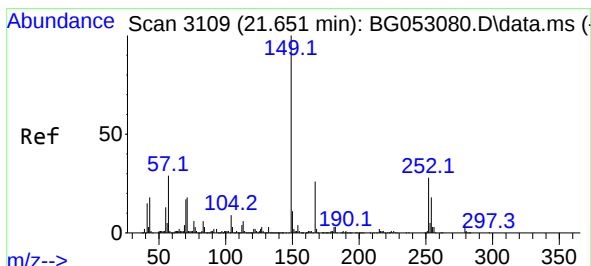
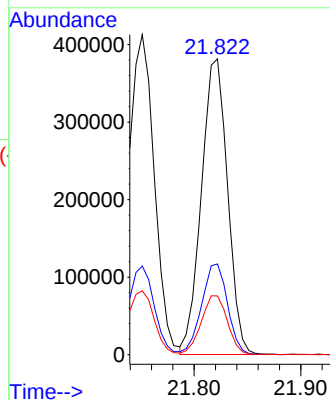
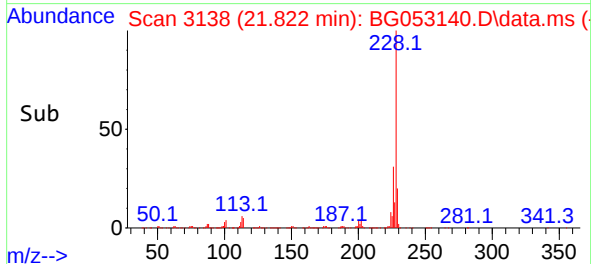
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:228 Resp: 65178
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 19.8 16.3 24.5

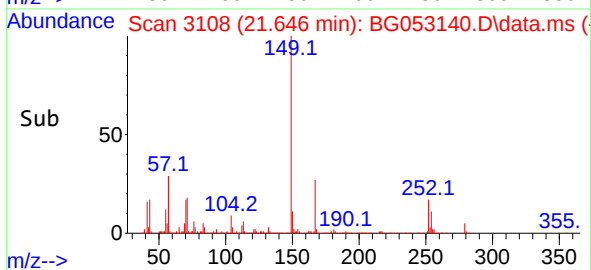
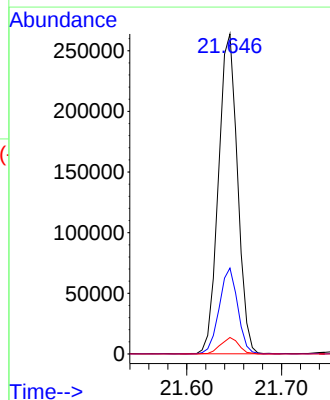
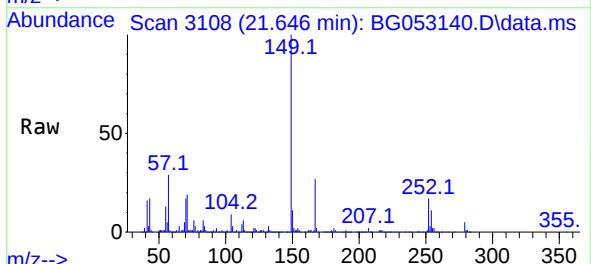
Manual Integrations
APPROVED

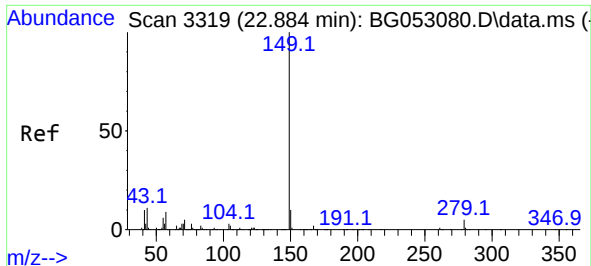
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.346 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

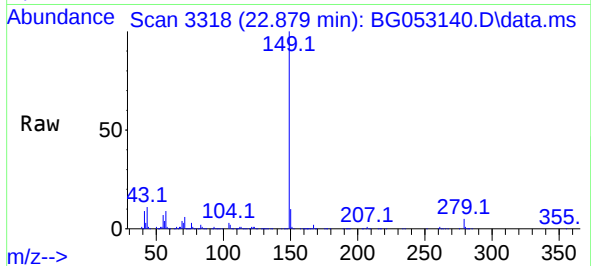
Tgt Ion:149 Resp: 368198
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 5.2 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 45.841 ng
RT: 22.879 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

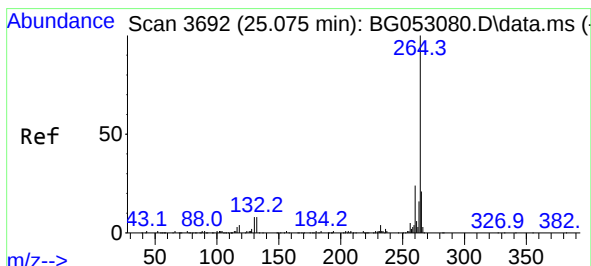
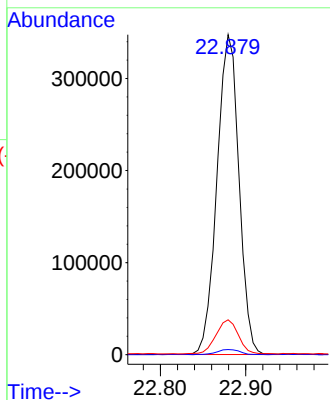
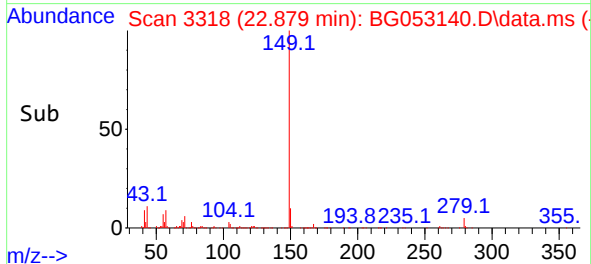
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:149 Resp: 622504
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 7.6 11.4

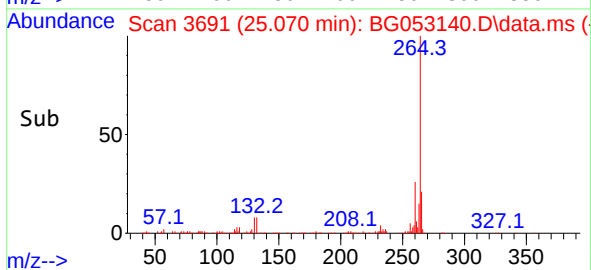
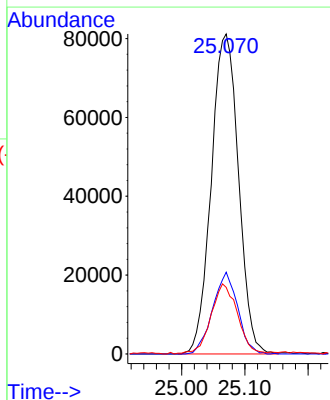
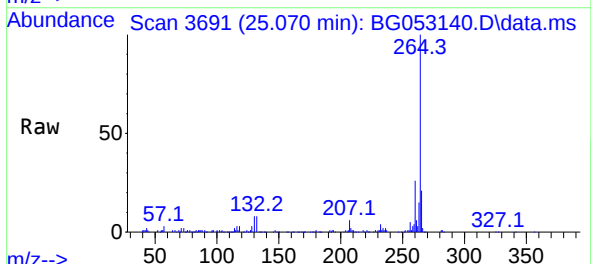
Manual Integrations
APPROVED

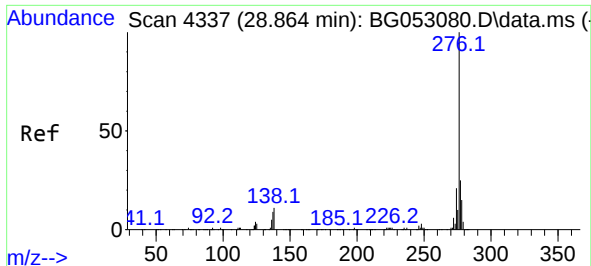
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3691
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

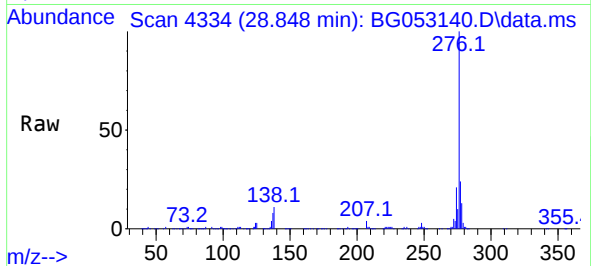
Tgt Ion:264 Resp: 242533
Ion Ratio Lower Upper
264 100
260 25.6 18.2 27.2
265 20.8 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.777 ng
RT: 28.848 min Scan# 41
Delta R.T. -0.017 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

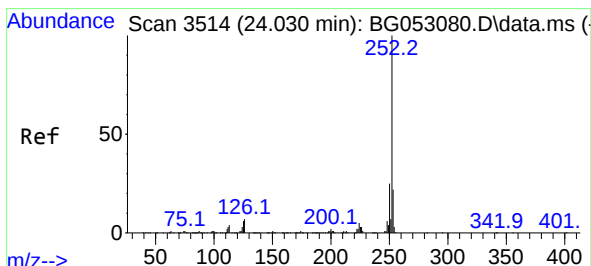
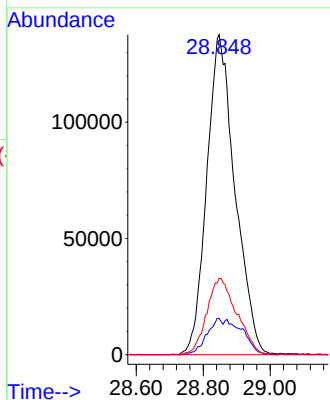
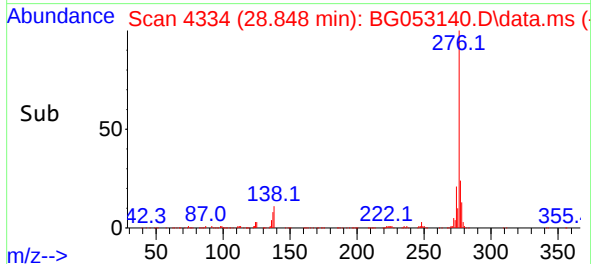
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:276 Resp: 80682
Ion Ratio Lower Upper
276 100
138 6.4 8.7 13.1
277 25.3 20.2 30.4

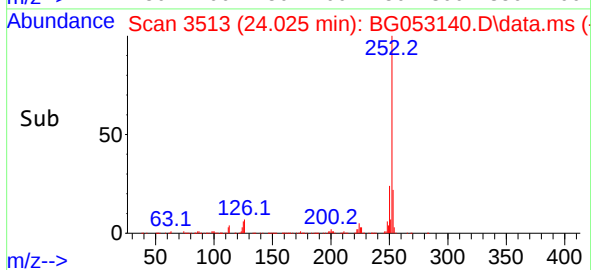
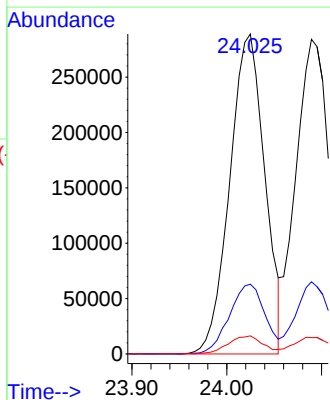
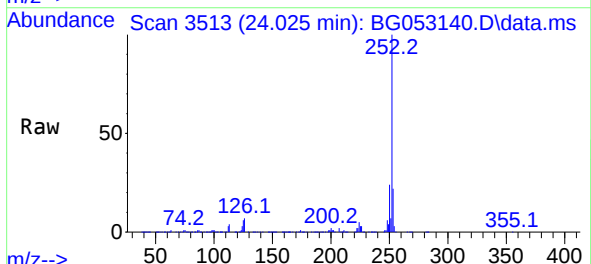
Manual Integrations
APPROVED

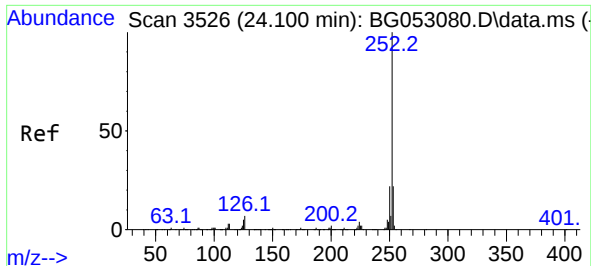
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#88
Benzo(b)fluoranthene
Concen: 48.429 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Tgt Ion:252 Resp: 741076
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 5.7 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 46.772 ng

RT: 24.089 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG053140.D

Acq: 13 Apr 2022 16:06

Instrument :

BNA_G

ClientSampleId :

E14ST-EB3-041122-5-10MSD

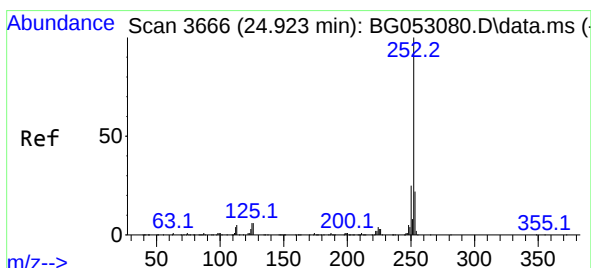
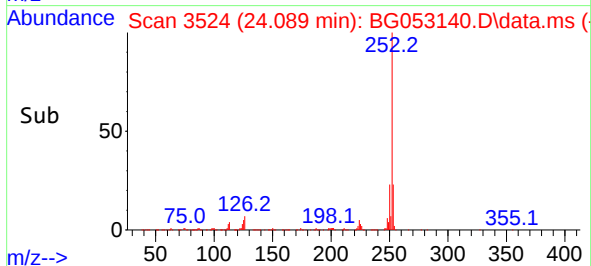
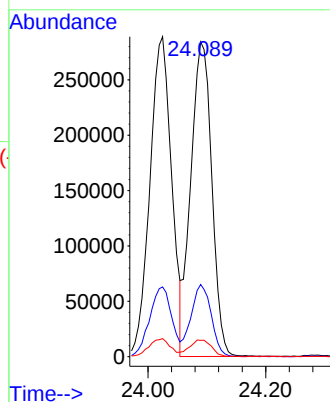
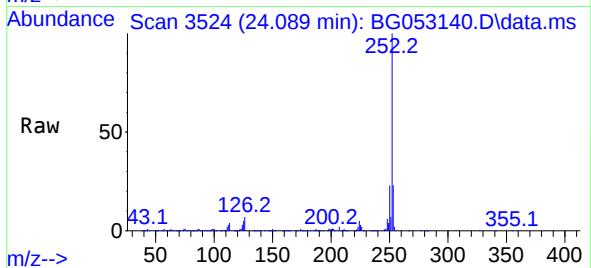
Tgt Ion:252 Resp: 70342

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	5.2	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#90

Benzo(a)pyrene

Concen: 54.619 ng

RT: 24.918 min Scan# 3665

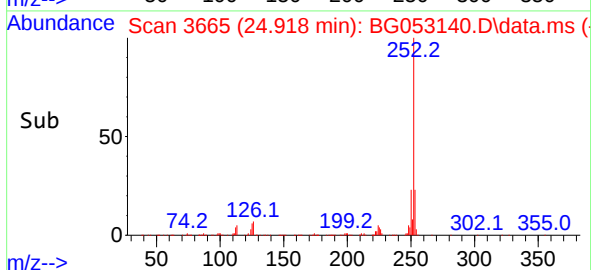
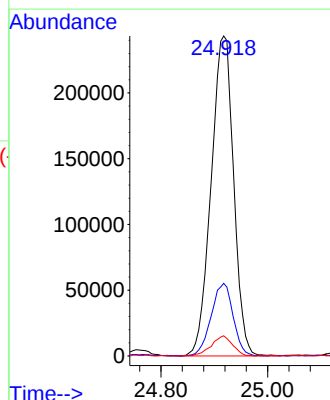
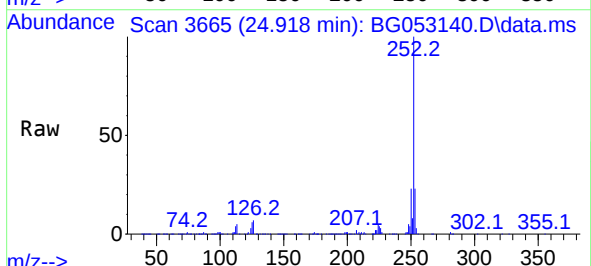
Delta R.T. -0.005 min

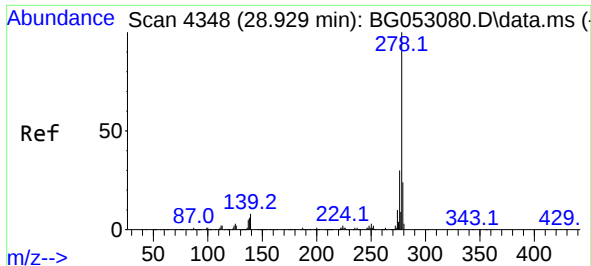
Lab File: BG053140.D

Acq: 13 Apr 2022 16:06

Tgt Ion:252 Resp: 712032

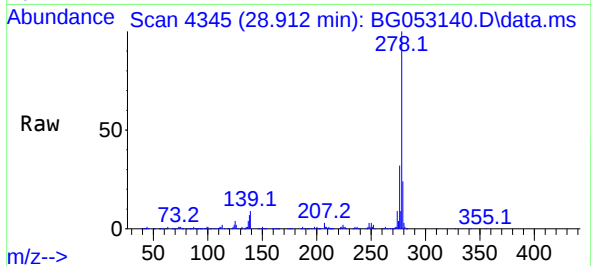
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.3	5.6	8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.677 ng
RT: 28.912 min Scan# 41
Delta R.T. -0.017 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

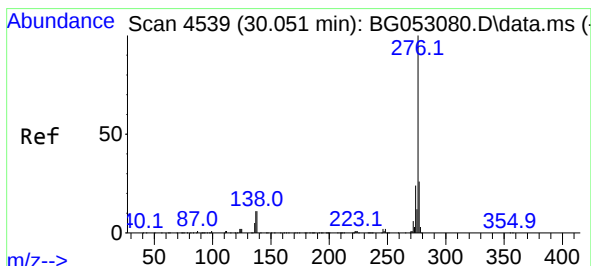
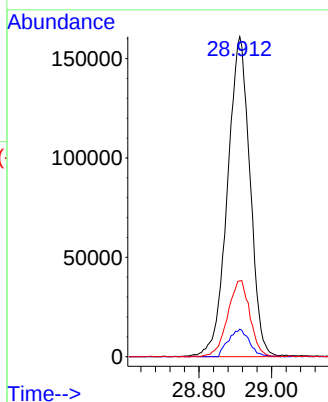
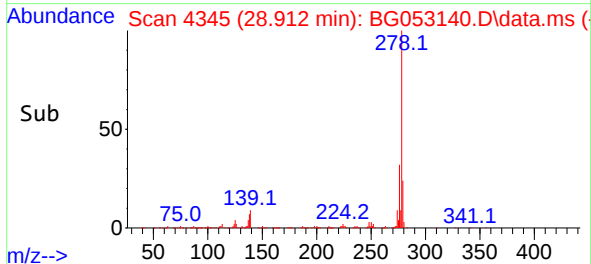
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD



Tgt Ion:278 Resp: 692248
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.6
279 23.7 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#92
Benzo(g,h,i)perylene
Concen: 47.369 ng
RT: 30.034 min Scan# 4536
Delta R.T. -0.017 min
Lab File: BG053140.D
Acq: 13 Apr 2022 16:06

Tgt Ion:276 Resp: 692413
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.2
138 11.8 9.1 13.7

