

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053167.D
 Acq On : 15 Apr 2022 16:43
 Operator : CG/JU
 Sample : N2430-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14-EB1-041322-5-10MSD

Quant Time: Apr 18 03:15:29 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 04/18/2022
 Supervised By :Jagrut Upadhyay 04/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32516	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	131608	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	99457	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	242203	20.000	ng	0.00
76) Chrysene-d12	21.775	240	227151	20.000	ng	0.00
86) Perylene-d12	25.070	264	249380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	209982	110.699	ng	0.00
7) Phenol-d6	7.283	99	307792	105.221	ng	0.00
23) Nitrobenzene-d5	9.280	82	209792	64.725	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	164464	103.938	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	467081	64.758	ng	0.00
79) Terphenyl-d14	20.089	244	878803	65.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	37309	41.186	ng	98
3) Pyridine	3.964	79	93179	39.000	ng	# 91
4) n-Nitrosodimethylamine	3.875	42	53924	45.577	ng	88
6) Aniline	7.435	93	105027	30.981	ng	98
8) 2-Chlorophenol	7.682	128	99563	48.619	ng	93
9) Benzaldehyde	7.247	77	79754	45.612	ng	96
10) Phenol	7.306	94	138857	47.689	ng	89
11) bis(2-Chloroethyl)ether	7.529	93	96678	46.061	ng	91
12) 1,3-Dichlorobenzene	8.005	146	109168m	45.876	ng	
13) 1,4-Dichlorobenzene	8.152	146	109512	45.141	ng	98
14) 1,2-Dichlorobenzene	8.475	146	105714	45.188	ng	99
15) Benzyl Alcohol	8.352	79	119249	45.864	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	154150	43.990	ng	97
17) 2-Methylphenol	8.563	107	93799	47.605	ng	95
18) Hexachloroethane	9.209	117	40531	44.552	ng	93
19) n-Nitroso-di-n-propyla...	8.922	70	94557	44.153	ng	# 96
20) 3+4-Methylphenols	8.886	107	129436	46.535	ng	94
22) Acetophenone	8.939	105	161121	44.128	ng	# 97
24) Nitrobenzene	9.321	77	139355	44.201	ng	91
25) Isophorone	9.844	82	254059	46.115	ng	97
26) 2-Nitrophenol	10.038	139	59565	45.182	ng	97
27) 2,4-Dimethylphenol	10.096	122	102774	54.433	ng	92
28) bis(2-Chloroethoxy)met...	10.326	93	134319	43.397	ng	98
29) 2,4-Dichlorophenol	10.578	162	112793	47.520	ng	100
30) 1,2,4-Trichlorobenzene	10.790	180	115561	43.016	ng	98
31) Naphthalene	10.984	128	305883	43.564	ng	100
32) Benzoic acid	10.243	122	67333	54.282	ng	91
33) 4-Chloroaniline	11.083	127	69120	22.987	ng	93
34) Hexachlorobutadiene	11.265	225	85629	42.910	ng	99
35) Caprolactam	11.853	113	39741m	47.500	ng	
36) 4-Chloro-3-methylphenol	12.205	107	127638	46.189	ng	96
37) 2-Methylnaphthalene	12.575	142	224463	43.202	ng	96
38) 1-Methylnaphthalene	12.793	142	218444	43.073	ng	94
40) 1,2,4,5-Tetrachloroben...	12.946	216	146155	43.268	ng	98
41) Hexachlorocyclopentadiene	12.928	237	180700	103.628	ng	91
43) 2,4,6-Trichlorophenol	13.181	196	107181	46.021	ng	96

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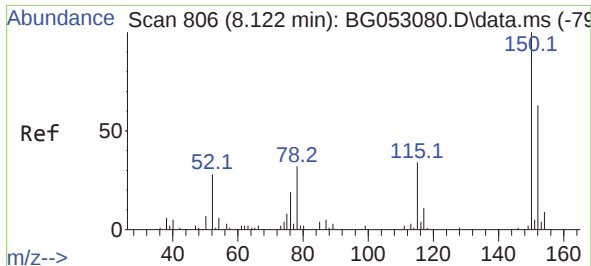
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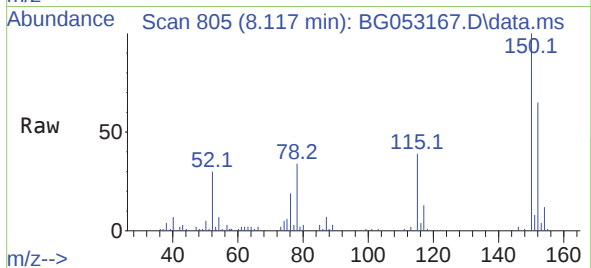
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	115432	46.512	ng	99
46) 1,1'-Biphenyl	13.574	154	315190	44.007	ng	98
47) 2-Chloronaphthalene	13.621	162	247834	43.372	ng	97
48) 2-Nitroaniline	13.821	65	99133	45.714	ng	90
49) Acenaphthylene	14.467	152	423942	47.394	ng	98
50) Dimethylphthalate	14.191	163	346757	43.590	ng	99
51) 2,6-Dinitrotoluene	14.308	165	75909	45.741	ng	# 83
52) Acenaphthene	14.808	154	312122m	51.454	ng	
53) 3-Nitroaniline	14.637	138	46729	26.629	ng	94
54) 2,4-Dinitrophenol	14.849	184	108235	102.501	ng	# 85
55) Dibenzofuran	15.137	168	410766	43.246	ng	97
56) 4-Nitrophenol	14.955	139	131988	98.620	ng	# 75
57) 2,4-Dinitrotoluene	15.096	165	109871	46.503	ng	# 87
58) Fluorene	15.789	166	340325	44.362	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	110124	45.692	ng	99
60) Diethylphthalate	15.548	149	361898	43.420	ng	100
61) 4-Chlorophenyl-phenyle...	15.771	204	190972	43.913	ng	97
62) 4-Nitroaniline	15.806	138	79882	43.139	ng	# 85
63) Azobenzene	16.065	77	364559	43.383	ng	97
65) 4,6-Dinitro-2-methylph...	15.865	198	72010	42.615	ng	97
66) n-Nitrosodiphenylamine	15.989	169	309274	44.404	ng	99
67) 4-Bromophenyl-phenylether	16.670	248	136532	43.993	ng	96
68) Hexachlorobenzene	16.799	284	151654	45.123	ng	96
69) Atrazine	16.934	200	139942	51.437	ng	98
70) Pentachlorophenol	17.140	266	189025	102.909	ng	95
71) Phenanthrene	17.528	178	592535	44.789	ng	97
72) Anthracene	17.622	178	595317	45.422	ng	99
73) Carbazole	17.886	167	560127	43.965	ng	99
74) Di-n-butylphthalate	18.432	149	633983	43.877	ng	98
75) Fluoranthene	19.537	202	735884	43.394	ng	99
77) Benzidine	19.707	184	382816	59.068	ng	99
78) Pyrene	19.895	202	736165	45.505	ng	98
80) Butylbenzylphthalate	20.770	149	263773	43.734	ng	99
81) Benzo(a)anthracene	21.751	228	697690	44.923	ng	98
82) 3,3'-Dichlorobenzidine	21.657	252	131604	23.041	ng	99
83) Chrysene	21.822	228	637756	44.246	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	368135	45.156	ng	99
85) Di-n-octyl phthalate	22.879	149	624244	45.783	ng	96
87) Indeno(1,2,3-cd)pyrene	28.859	276	826091	44.587	ng	99
88) Benzo(b)fluoranthene	24.025	252	715746	45.489	ng	97
89) Benzo(k)fluoranthene	24.095	252	701476	45.362	ng	99
90) Benzo(a)pyrene	24.918	252	703716	52.499	ng	98
91) Dibenzo(a,h)anthracene	28.918	278	712520	46.725	ng	# 97
92) Benzo(g,h,i)perylene	30.040	276	716763	47.689	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

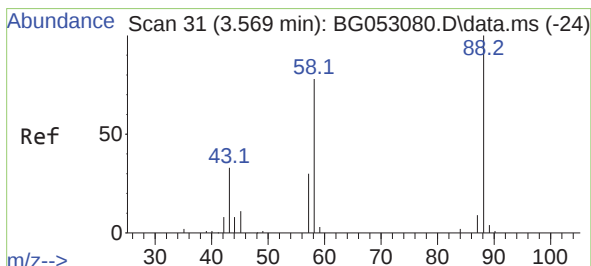
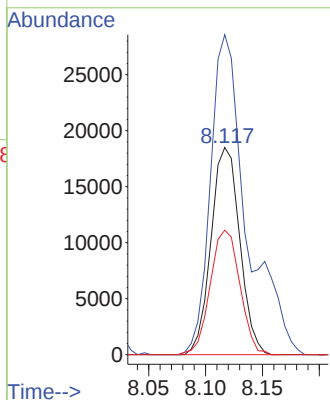
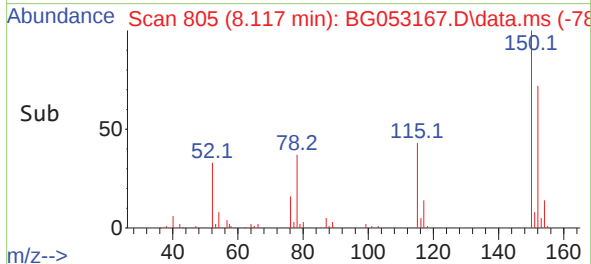
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:152 Resp: 32510
Ion Ratio Lower Upper
152 100
150 154.5 114.6 172.0
115 60.1 45.9 68.9

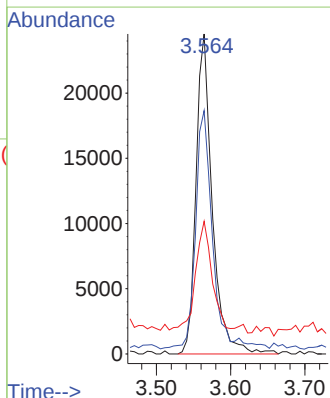
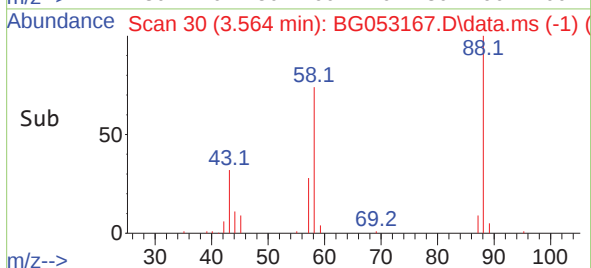
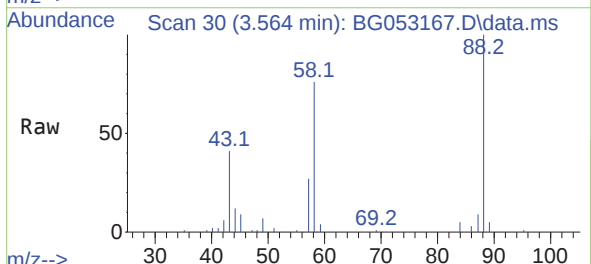
Manual Integrations
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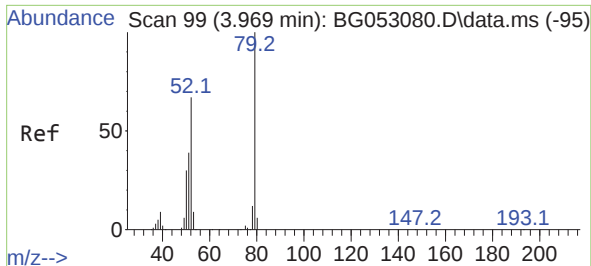
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#2
1,4-Dioxane
Concen: 41.186 ng
RT: 3.564 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

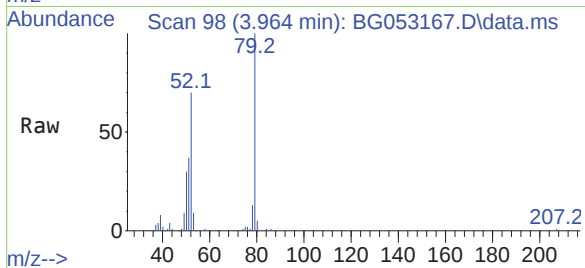
Tgt Ion: 88 Resp: 37309
Ion Ratio Lower Upper
88 100
58 73.3 58.2 87.2
43 32.6 23.4 35.0





#3
Pyridine
Concen: 39.000 ng
RT: 3.964 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

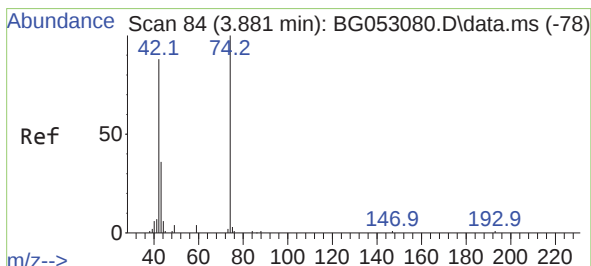
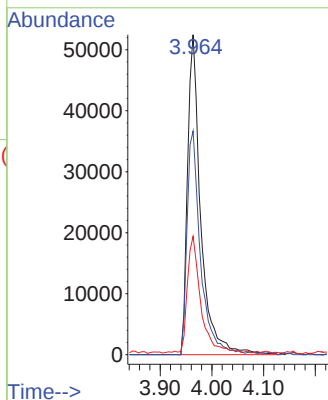
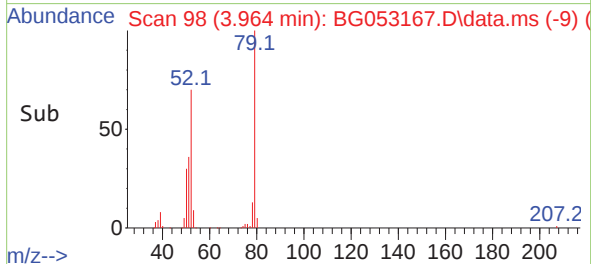
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion: 79 Resp: 93179
Ion Ratio Lower Upper
79 100
52 69.9 50.9 76.3
51 37.0 24.4 36.6

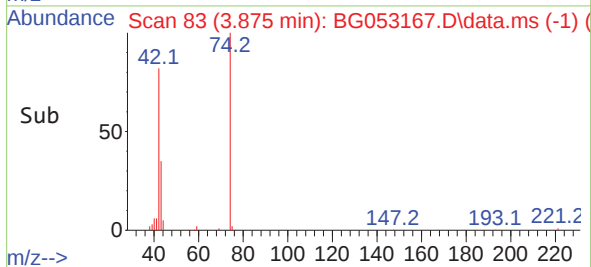
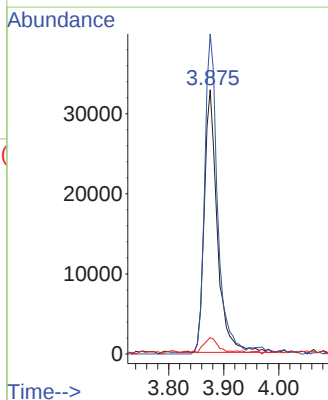
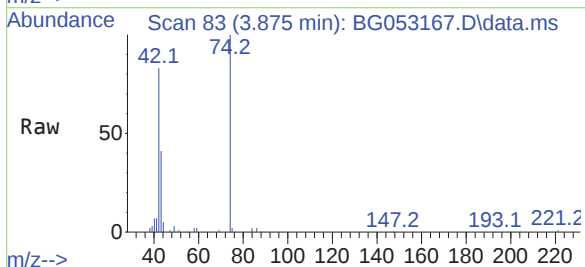
Manual Integrations
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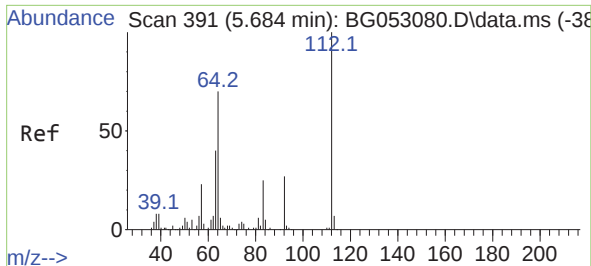
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#4
n-Nitrosodimethylamine
Concen: 45.577 ng
RT: 3.875 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

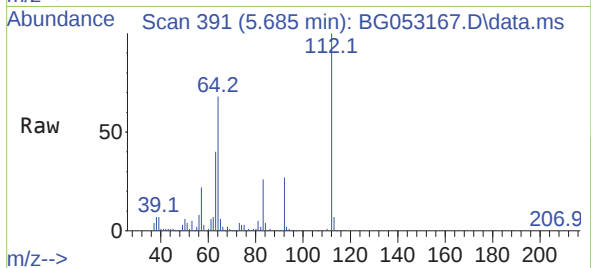
Tgt Ion: 42 Resp: 53924
Ion Ratio Lower Upper
42 100
74 121.1 108.9 163.3
44 6.2 5.7 8.5





#5
2-Fluorophenol
Concen: 110.699 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

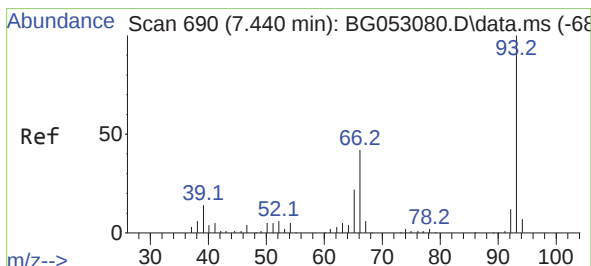
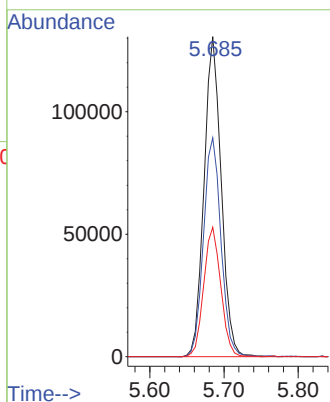
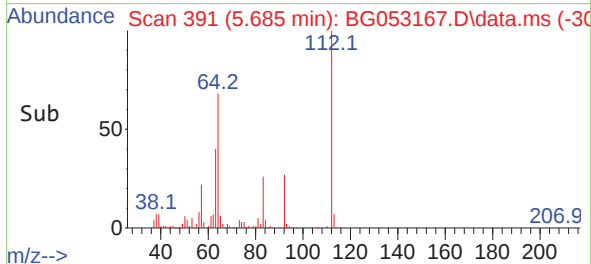
Instrument :
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ClientSampleId :
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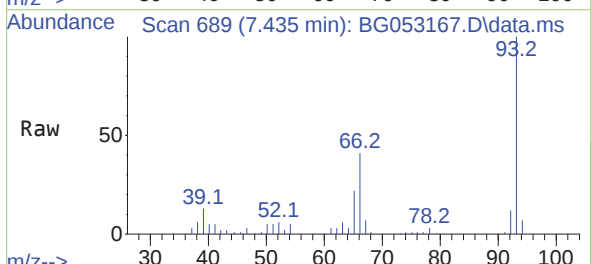
Tgt Ion: 112 Resp: 209982
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 40.5 26.5 39.7

Manual Integrations
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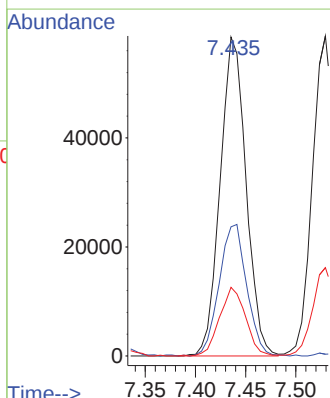
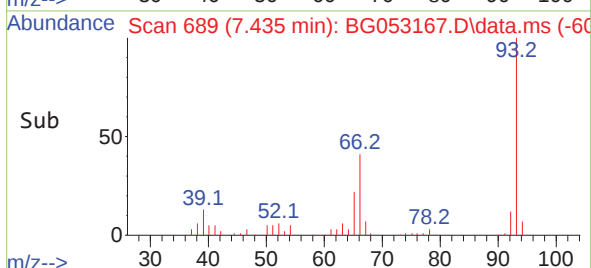
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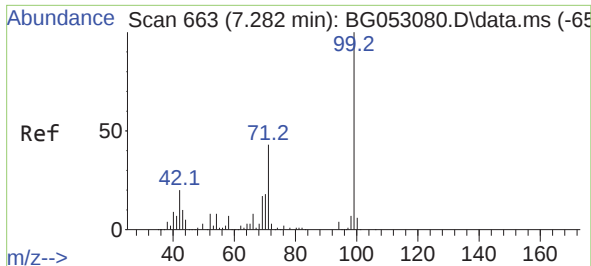


#6
Aniline
Concen: 30.981 ng
RT: 7.435 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG053167.D
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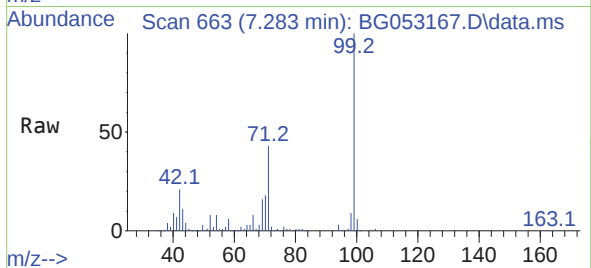
Tgt Ion: 93 Resp: 105027
Ion Ratio Lower Upper
93 100
66 40.5 31.3 46.9
65 21.5 16.7 25.1





#7
Phenol-d6
Concen: 105.221 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

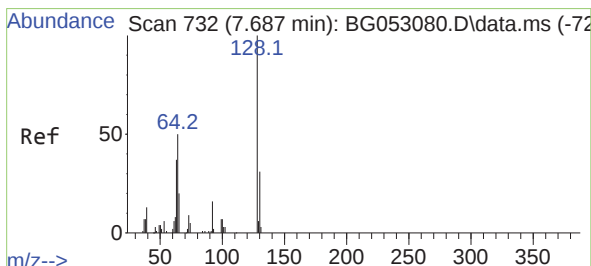
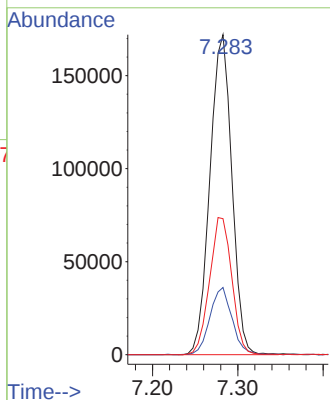
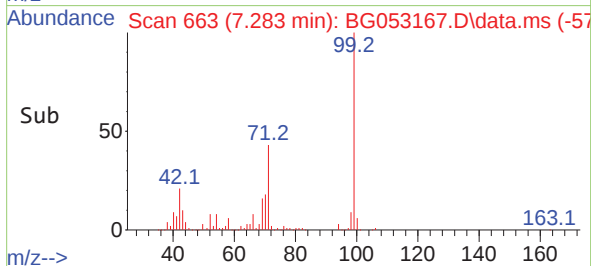
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E14-EB1-041322-5-10MSD



Tgt Ion: 99 Resp: 307792
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 42.5 29.2 43.8

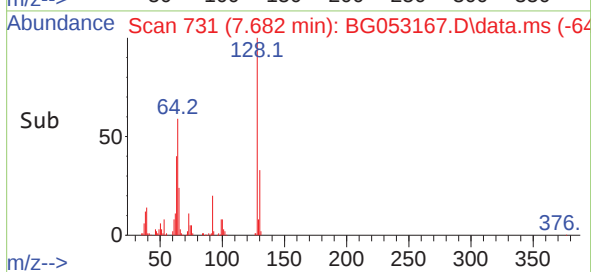
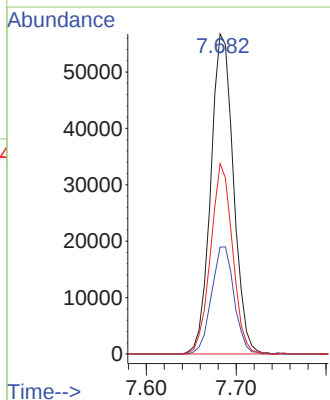
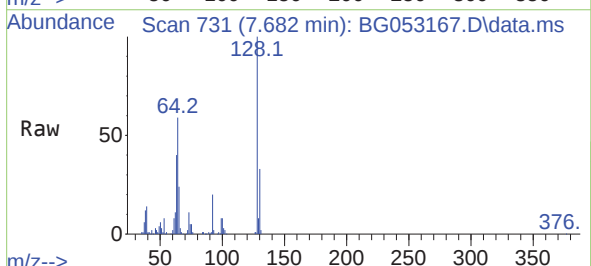
Manual Integrations
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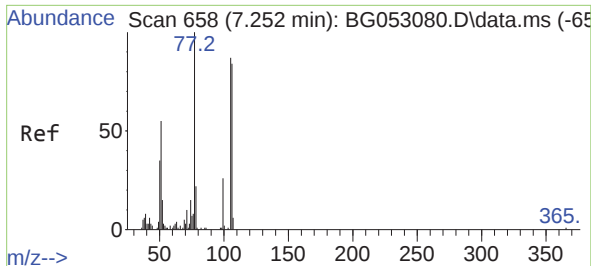
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#8
2-Chlorophenol
Concen: 48.619 ng
RT: 7.682 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

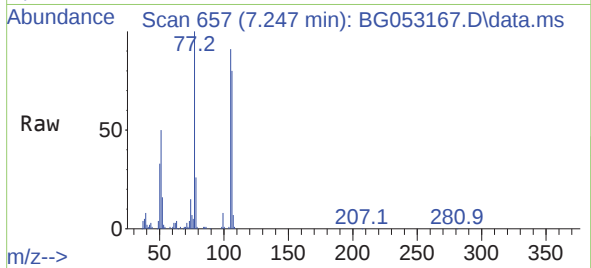
Tgt Ion:128 Resp: 99563
Ion Ratio Lower Upper
128 100
130 33.4 13.4 53.4
64 59.5 30.9 70.9





#9
Benzaldehyde
Concen: 45.612 ng
RT: 7.247 min Scan# 610
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

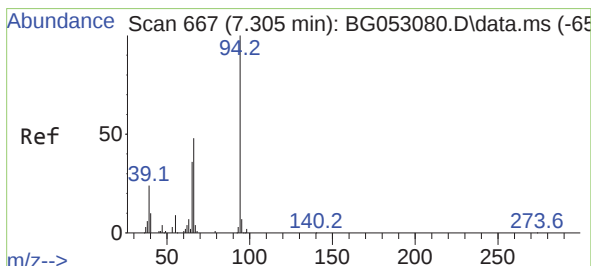
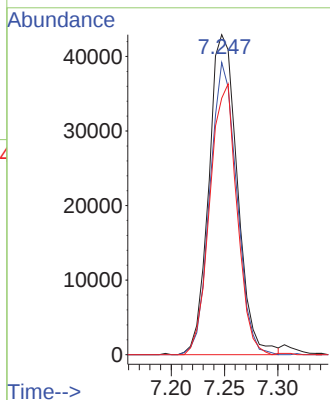
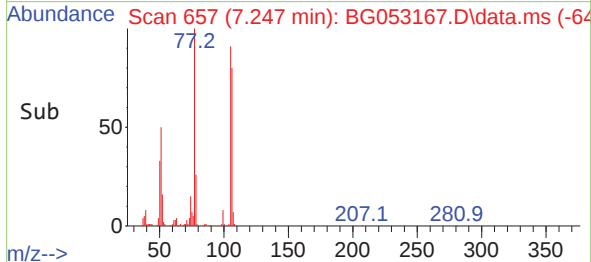
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion: 77 Resp: 79754
Ion Ratio Lower Upper
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105 91.3 70.6 110.6
106 80.2 67.6 107.6

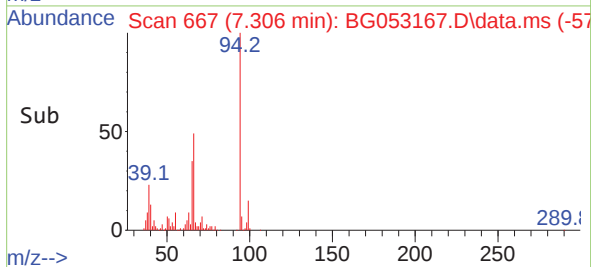
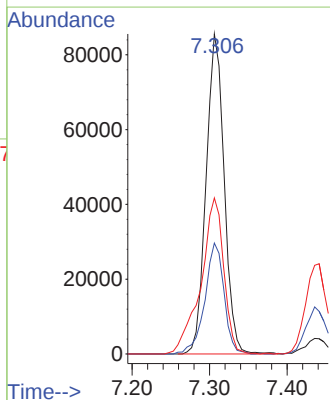
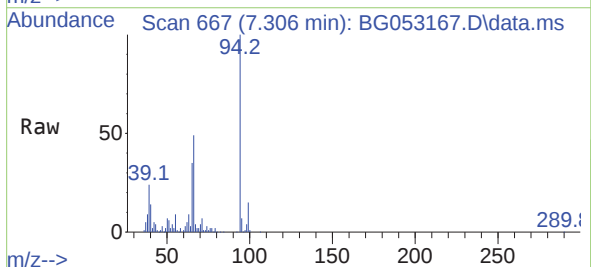
Manual Integrations
APPROVED

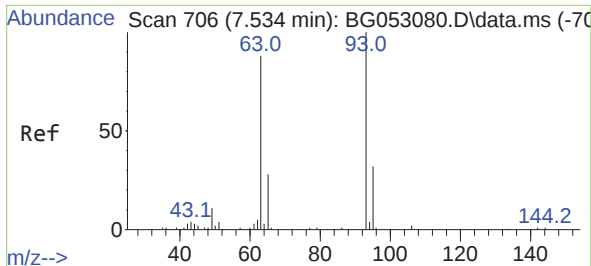
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#10
Phenol
Concen: 47.689 ng
RT: 7.306 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

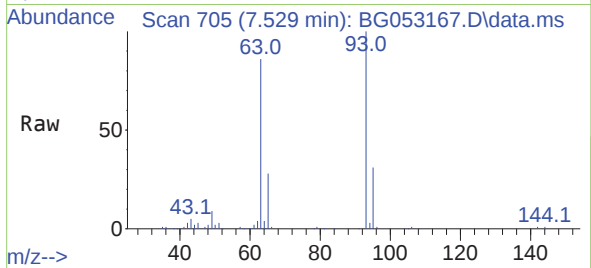
Tgt Ion: 94 Resp: 138857
Ion Ratio Lower Upper
94 100
65 34.7 11.1 51.1
66 48.8 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 46.061 ng
RT: 7.529 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

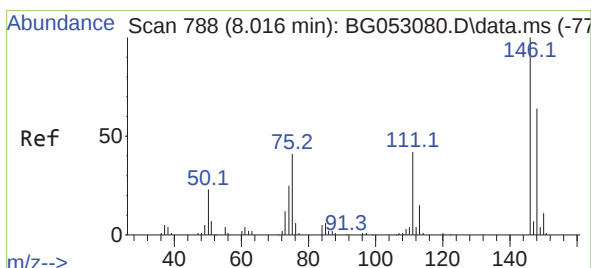
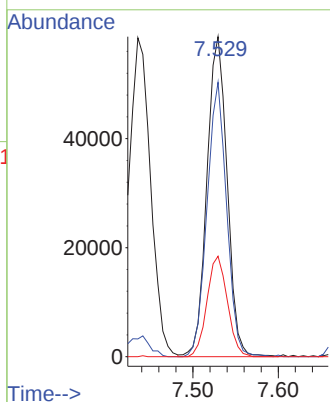
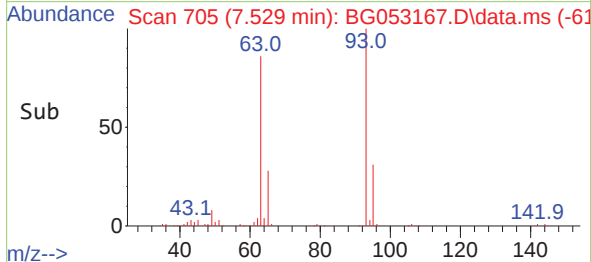
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



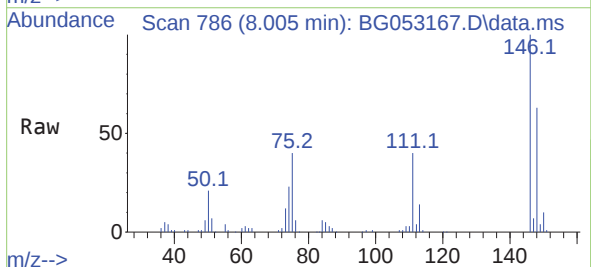
Tgt Ion: 93 Resp: 96678
Ion Ratio Lower Upper
93 100
63 85.8 56.9 96.9
95 31.4 14.5 54.5

Manual Integrations
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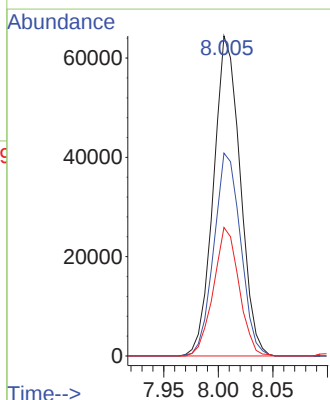
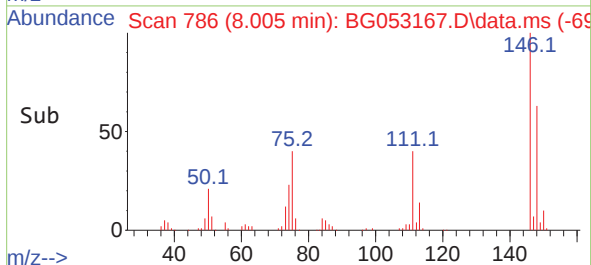
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

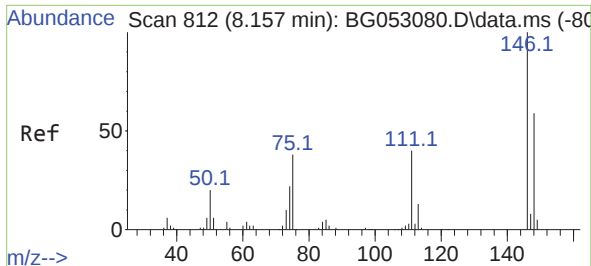


#12
1,3-Dichlorobenzene
Concen: 45.876 ng m
RT: 8.005 min Scan# 786
Delta R.T. -0.011 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



Tgt Ion:146 Resp: 109168
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 40.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 45.141 ng

RT: 8.152 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG053167.D

Acq: 15 Apr 2022 16:43

Instrument :

BNA_G

ClientSampleId :

E14-EB1-041322-5-10MSD

Tgt Ion:146 Resp: 10951

Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

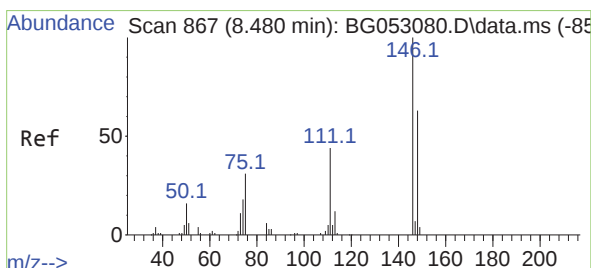
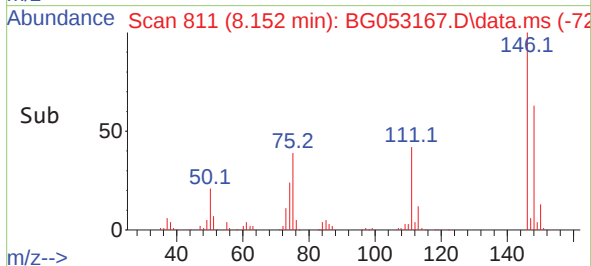
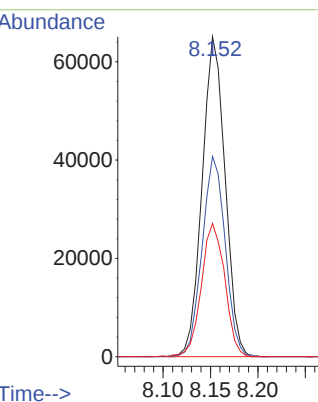
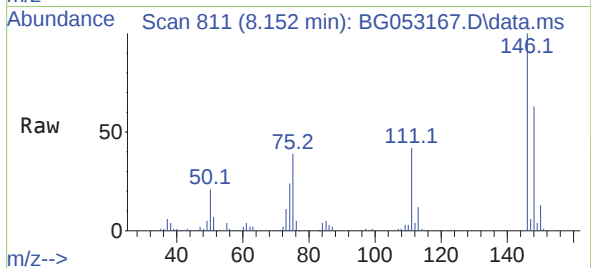
111 41.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#14

1,2-Dichlorobenzene

Concen: 45.188 ng

RT: 8.475 min Scan# 866

Delta R.T. -0.005 min

Lab File: BG053167.D

Acq: 15 Apr 2022 16:43

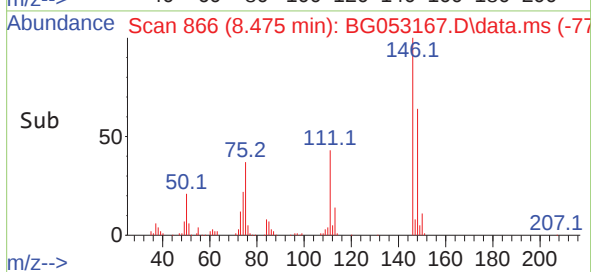
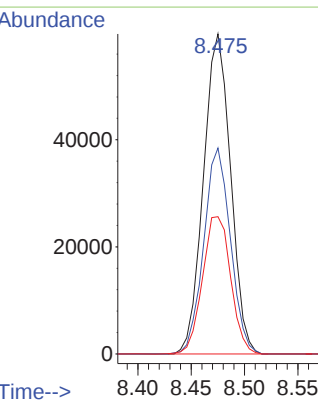
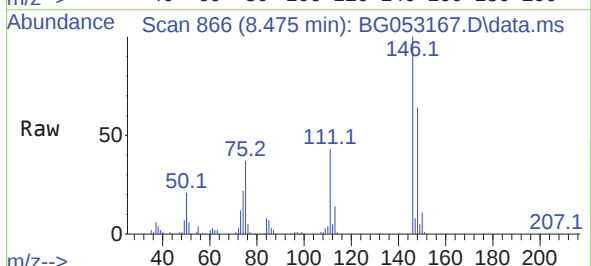
Tgt Ion:146 Resp: 105714

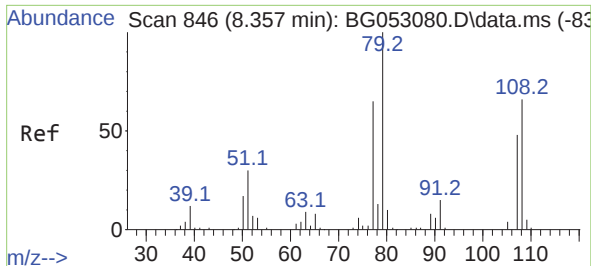
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

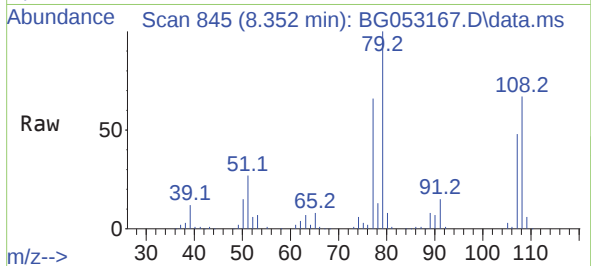
111 42.9 34.7 52.1





#15
Benzyl Alcohol
Concen: 45.864 ng
RT: 8.352 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

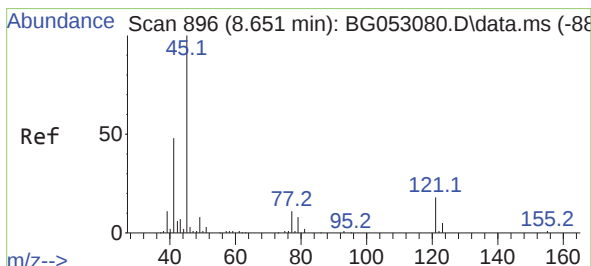
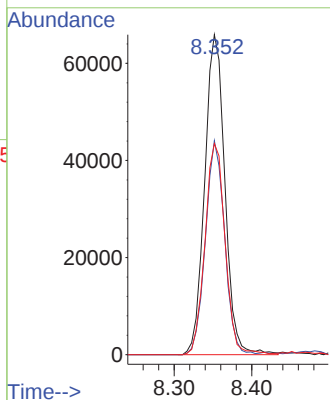
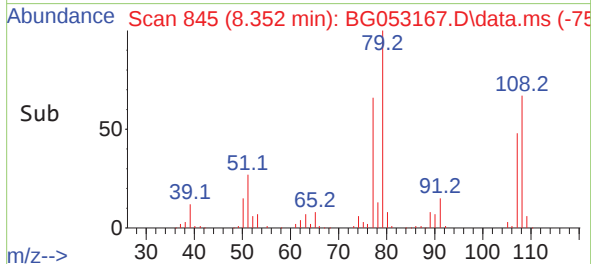
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



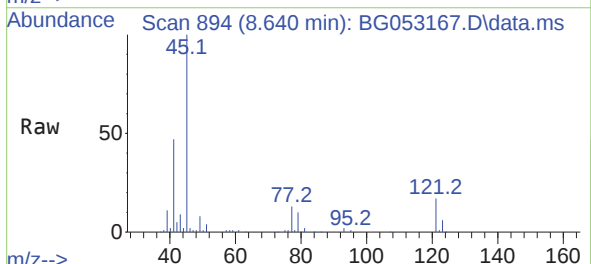
Tgt Ion: 79 Resp: 119249
Ion Ratio Lower Upper
79 100
108 66.8 55.1 82.7
77 65.9 52.4 78.6

Manual Integrations
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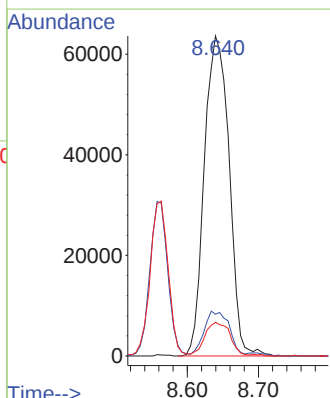
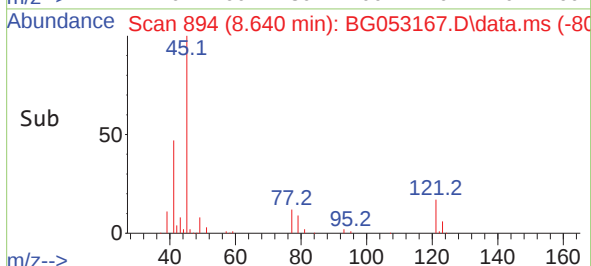
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

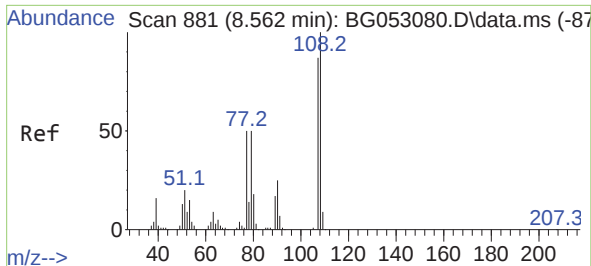


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.990 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.011 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



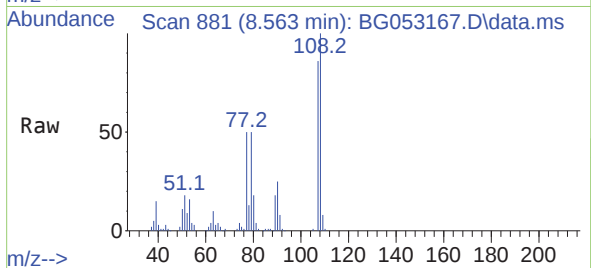
Tgt Ion: 45 Resp: 154150
Ion Ratio Lower Upper
45 100
77 13.1 0.0 34.9
79 10.5 0.0 30.7





#17
2-Methylphenol
Concen: 47.605 ng
RT: 8.563 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

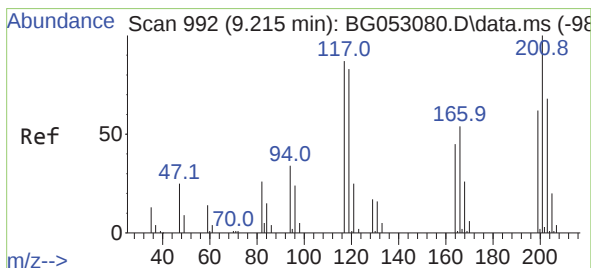
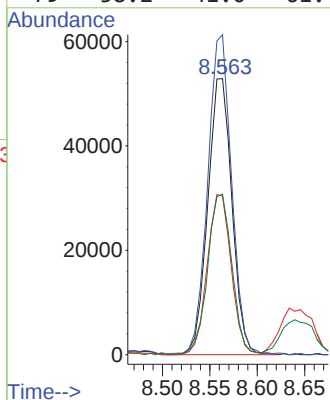
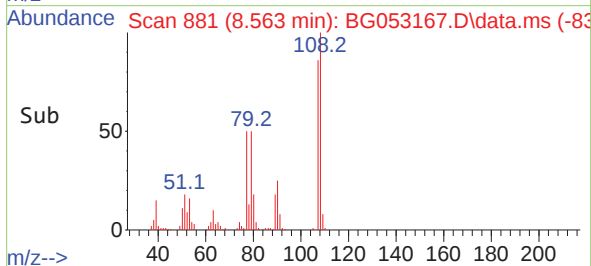
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:	107	Resp:	9379
Ion Ratio	Lower	Upper	
107	100		
108	115.9	91.5	137.3
77	57.4	42.5	63.7
79	58.2	41.0	61.4

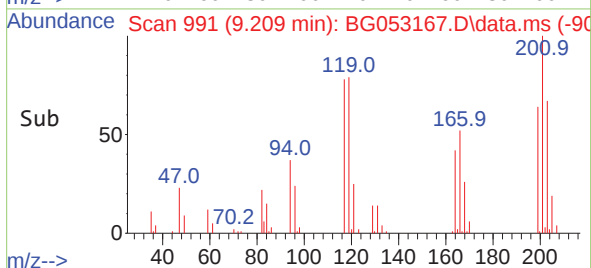
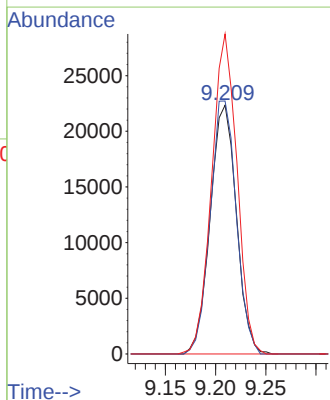
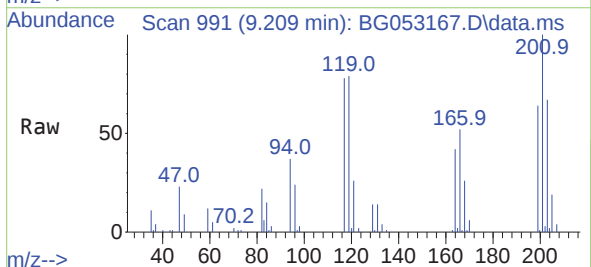
Manual Integrations
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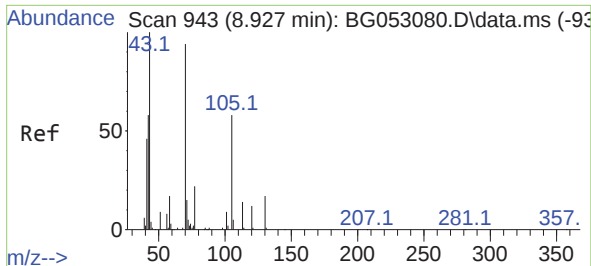
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#18
Hexachloroethane
Concen: 44.552 ng
RT: 9.209 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

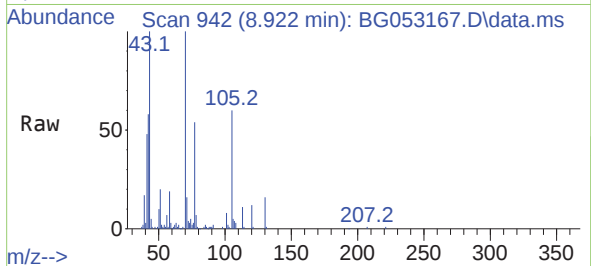
Tgt Ion:	117	Resp:	40531
Ion Ratio	Lower	Upper	
117	100		
119	101.7	75.1	112.7
201	128.6	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.153 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

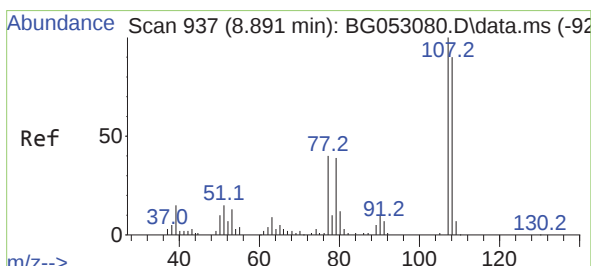
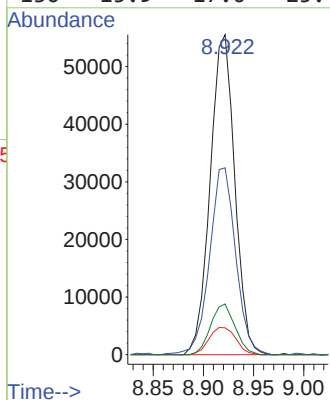
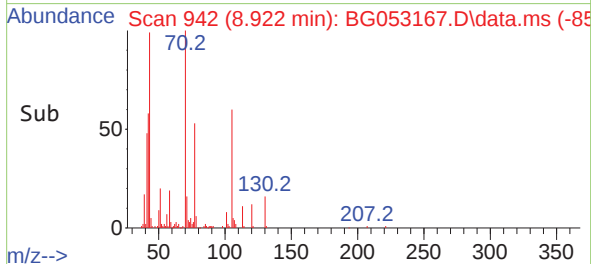
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion: 70 Resp: 9455
Ion Ratio Lower Upper
70 100
42 58.4 46.0 69.0
101 8.4 6.2 9.4
130 15.9 17.0 25.4#

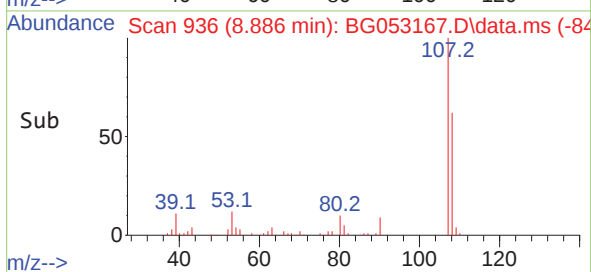
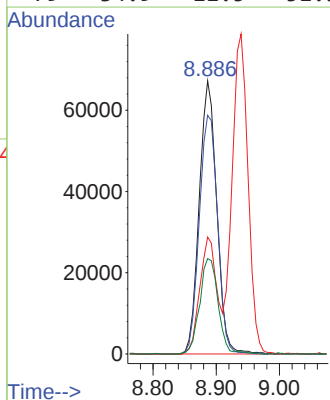
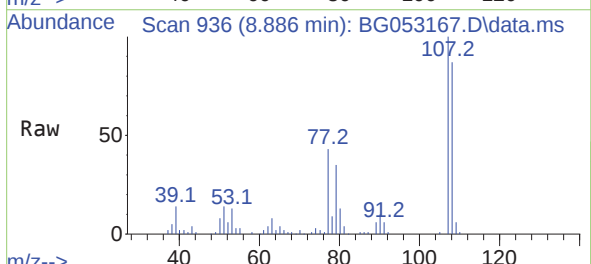
Manual Integrations
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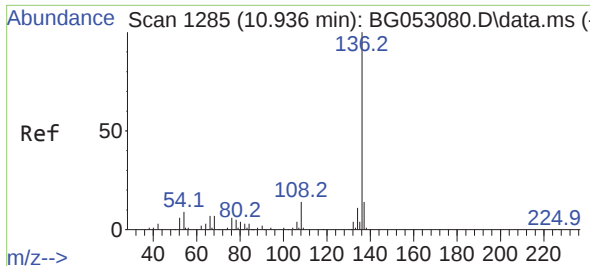
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#20
3+4-Methylphenols
Concen: 46.535 ng
RT: 8.886 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

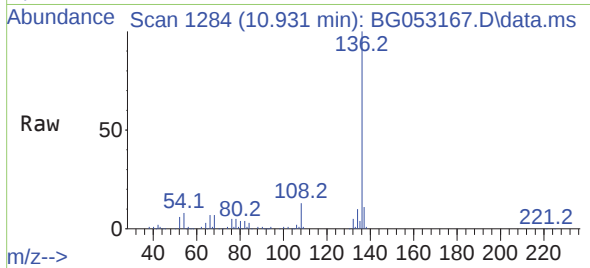
Tgt Ion:107 Resp: 129436
Ion Ratio Lower Upper
107 100
108 87.4 64.8 104.8
77 42.8 15.9 55.9
79 34.9 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 136
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

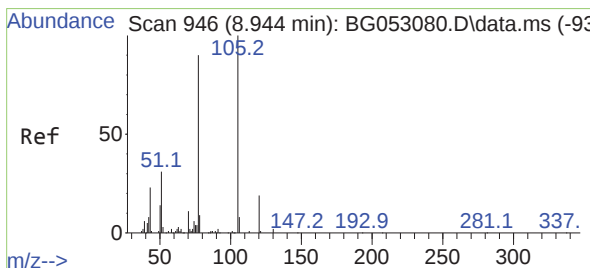
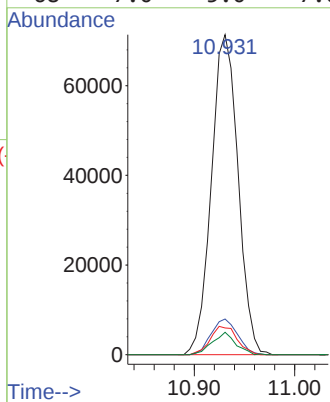
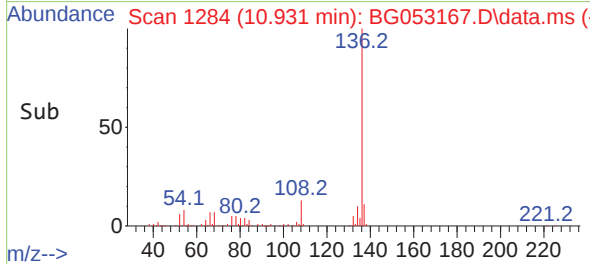
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:136 Resp: 131608
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 8.4 6.4 9.6
68 7.0 5.0 7.6

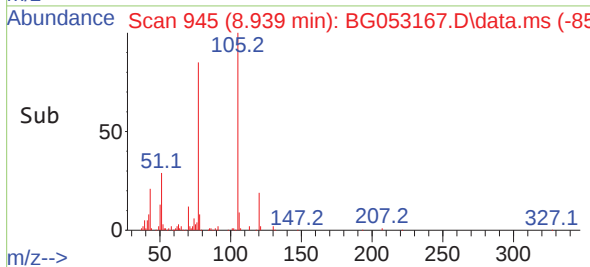
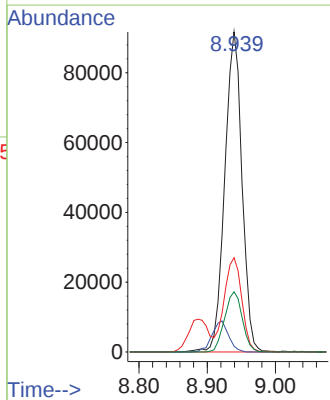
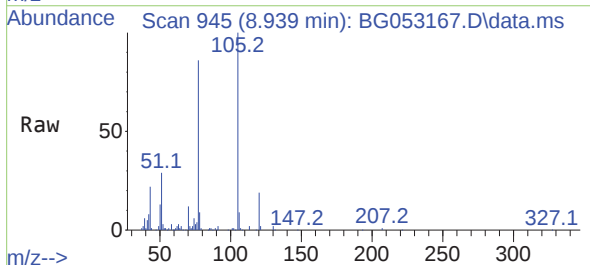
Manual Integrations
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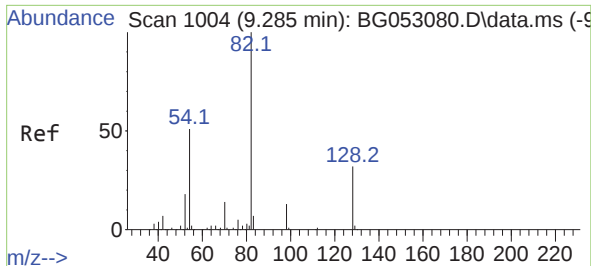
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#22
Acetophenone
Concen: 44.128 ng
RT: 8.939 min Scan# 945
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

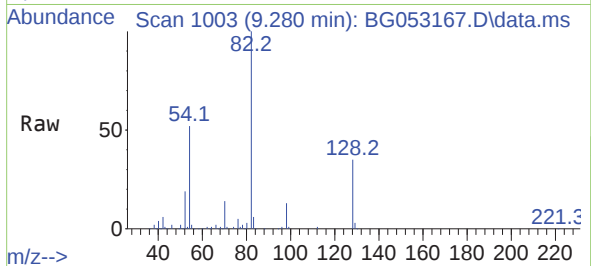
Tgt Ion:105 Resp: 161121
Ion Ratio Lower Upper
105 100
71 1.9 2.1 3.1#
51 29.4 21.9 32.9
120 18.8 15.3 22.9





#23
Nitrobenzene-d5
Concen: 64.725 ng
RT: 9.280 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

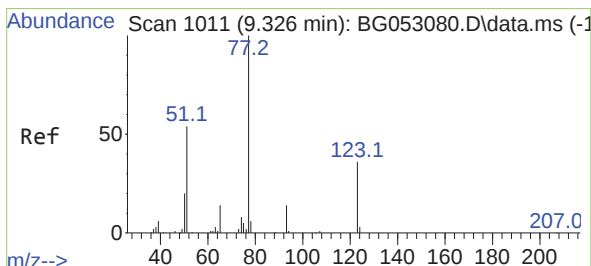
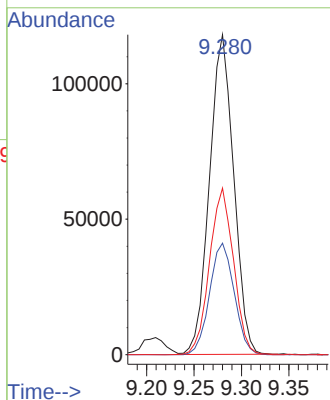
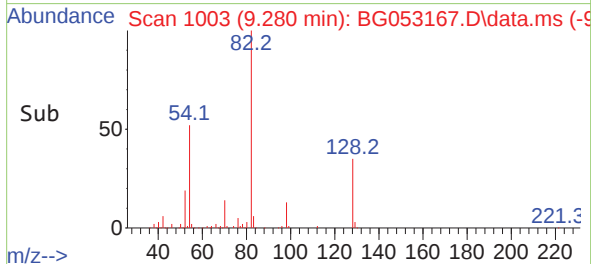
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion: 82 Resp: 209792
Ion Ratio Lower Upper
82 100
128 34.8 31.3 46.9
54 52.1 37.8 56.8

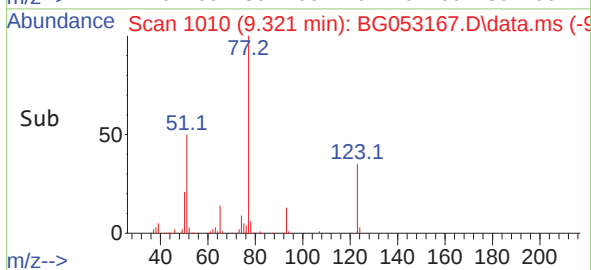
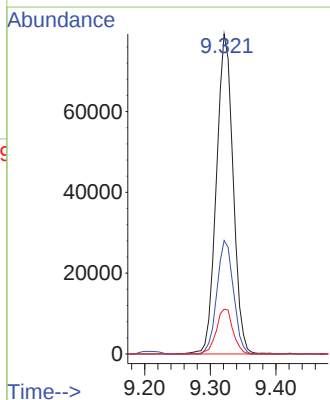
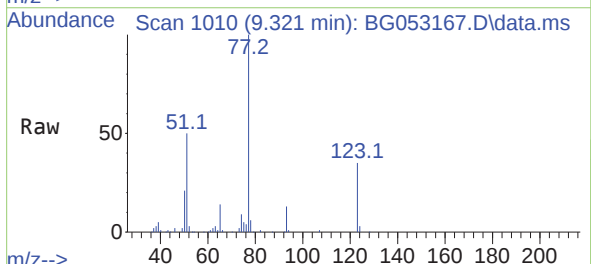
Manual Integrations
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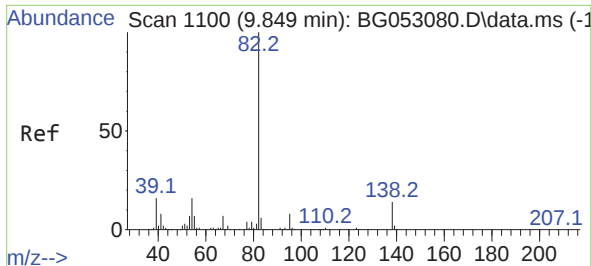
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#24
Nitrobenzene
Concen: 44.201 ng
RT: 9.321 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

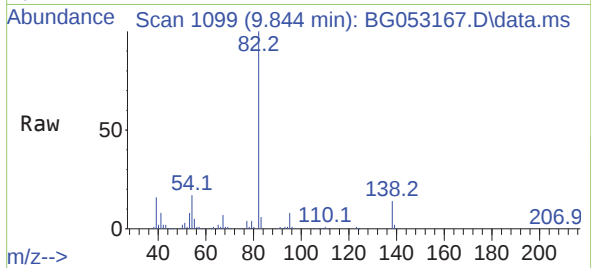
Tgt Ion: 77 Resp: 139355
Ion Ratio Lower Upper
77 100
123 35.5 34.4 51.6
65 14.0 11.2 16.8





#25
Isophorone
Concen: 46.115 ng
RT: 9.844 min Scan# 1099
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

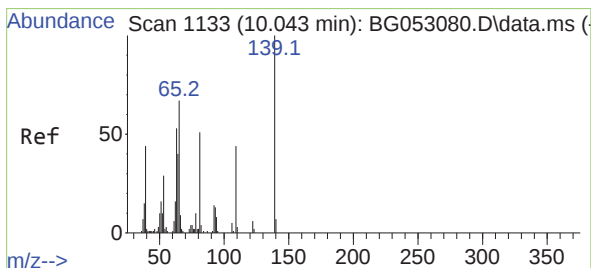
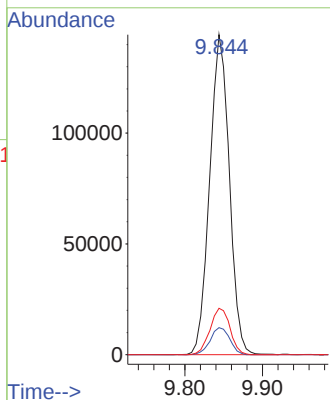
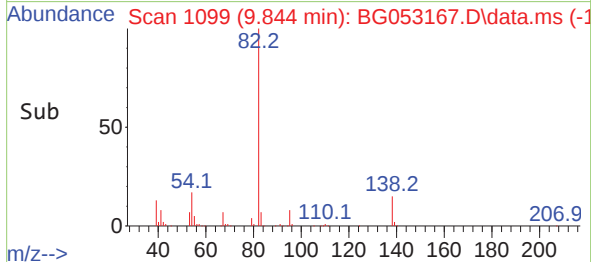
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion: 82 Resp: 254059
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 14.5 12.6 18.8

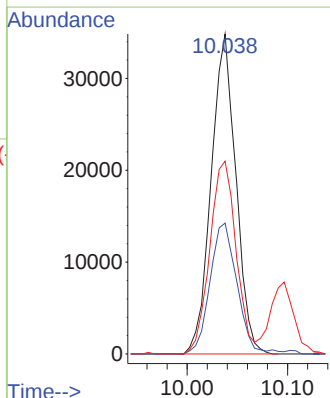
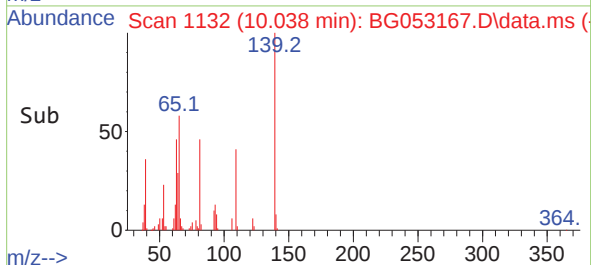
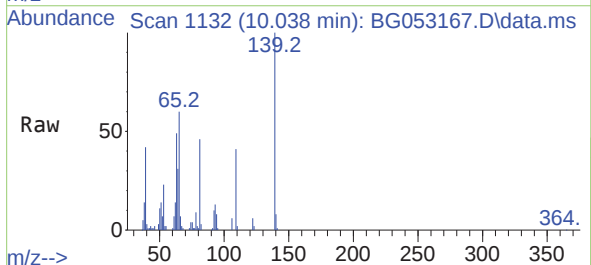
Manual Integrations
APPROVED

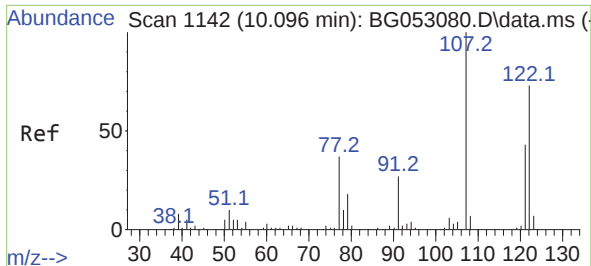
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#26
2-Nitrophenol
Concen: 45.182 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

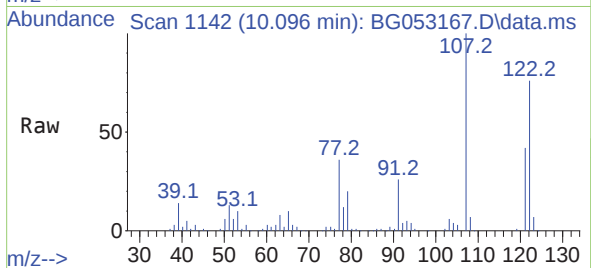
Tgt Ion:139 Resp: 59565
Ion Ratio Lower Upper
139 100
109 40.9 29.4 44.0
65 60.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 54.433 ng
RT: 10.096 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

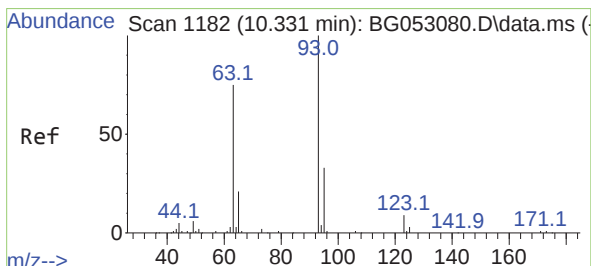
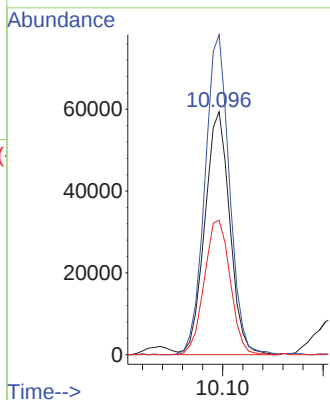
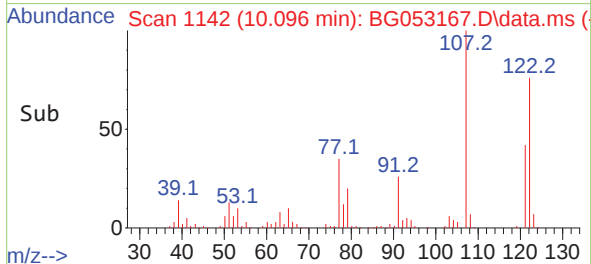
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



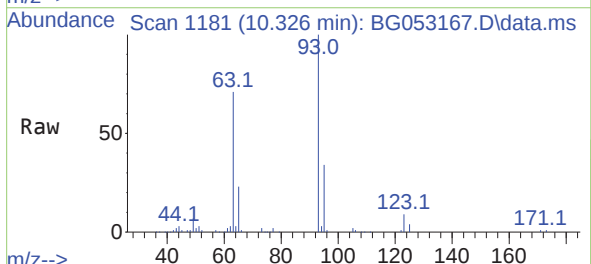
Tgt Ion:122 Resp: 102774
Ion Ratio Lower Upper
122 100
107 131.7 96.7 145.1
121 55.3 46.3 69.5

Manual Integrations
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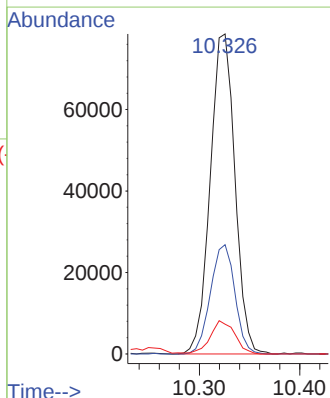
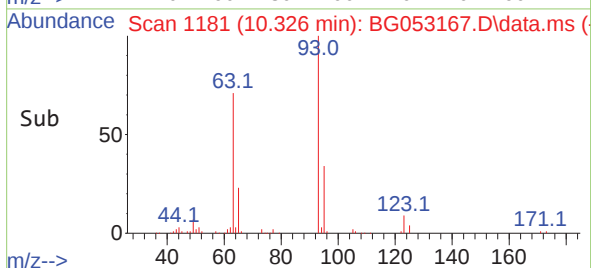
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

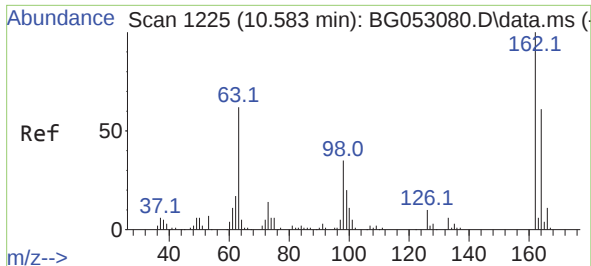


#28
bis(2-Chloroethoxy)methane
Concen: 43.397 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



Tgt Ion: 93 Resp: 134319
Ion Ratio Lower Upper
93 100
95 34.1 26.5 39.7
123 9.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.520 ng

RT: 10.578 min Scan# 11279

Delta R.T. -0.005 min

Lab File: BG053167.D

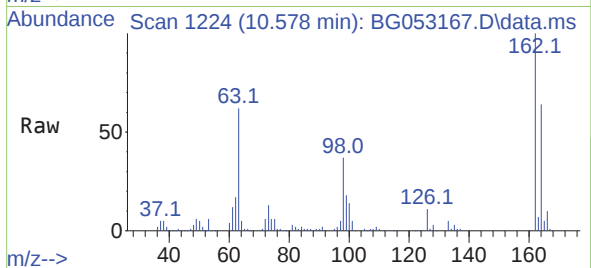
Acq: 15 Apr 2022 16:43

Instrument :

BNA_G

ClientSampleId :

E14-EB1-041322-5-10MSD



Tgt Ion:162 Resp: 11279

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

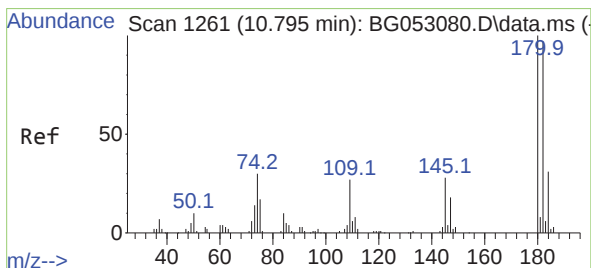
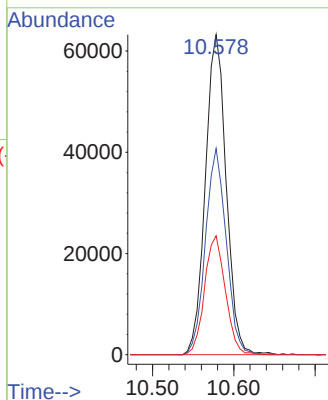
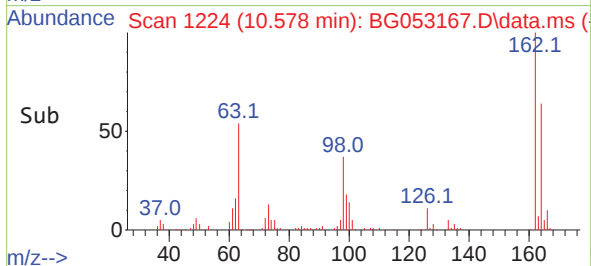
98 37.1 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.016 ng

RT: 10.790 min Scan# 1260

Delta R.T. -0.005 min

Lab File: BG053167.D

Acq: 15 Apr 2022 16:43

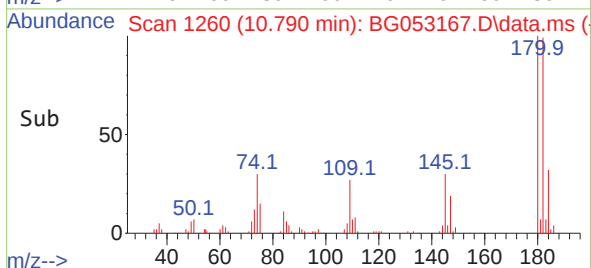
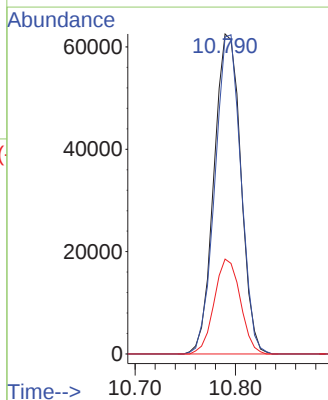
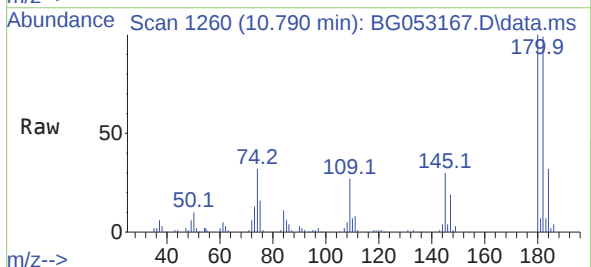
Tgt Ion:180 Resp: 115561

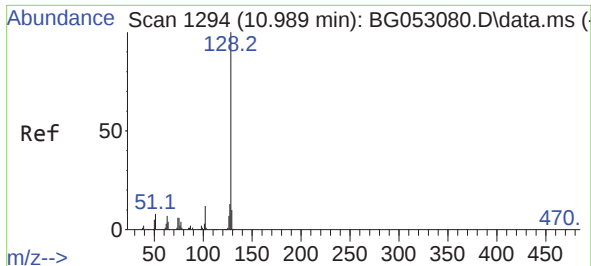
Ion Ratio Lower Upper

180 100

182 99.0 77.8 116.6

145 29.7 24.4 36.6





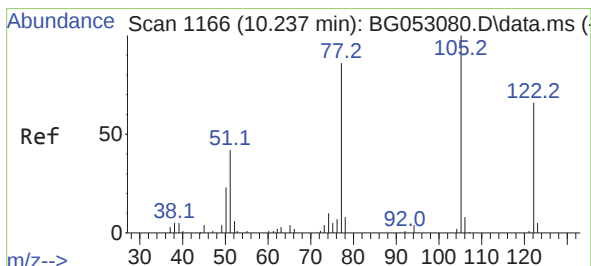
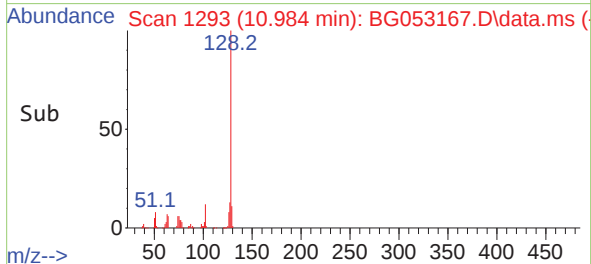
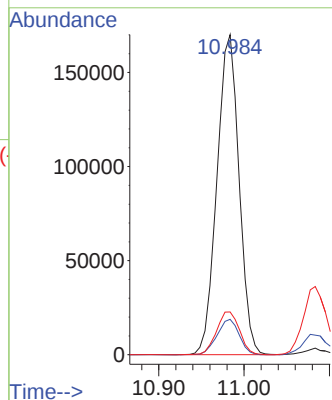
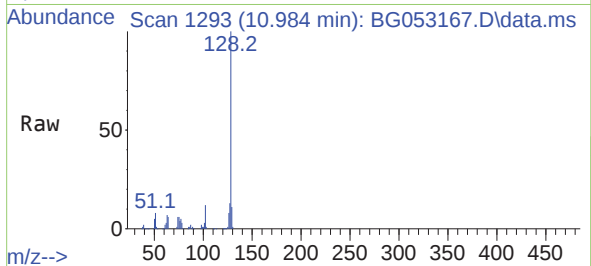
#31
Naphthalene
Concen: 43.564 ng
RT: 10.984 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD

Tgt Ion:128 Resp: 30588
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.5 15.7

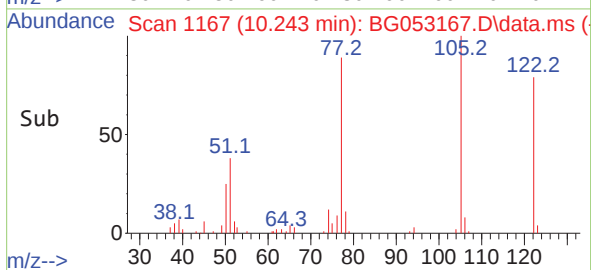
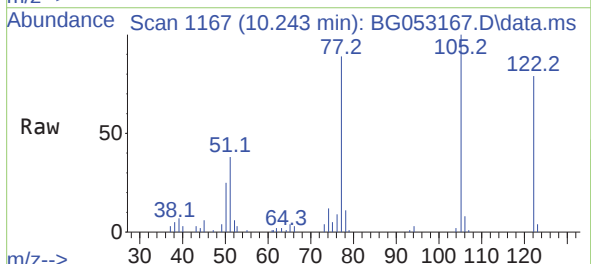
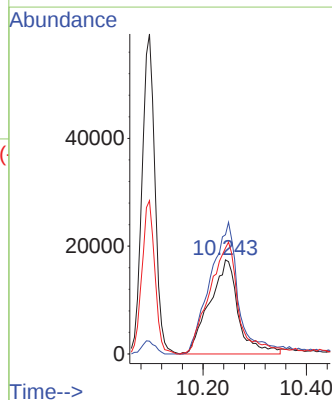
Manual Integrations
APPROVED

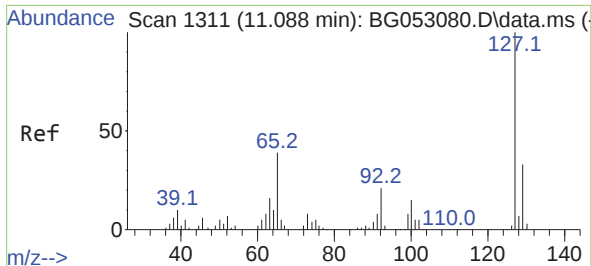
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#32
Benzoic acid
Concen: 54.282 ng
RT: 10.243 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

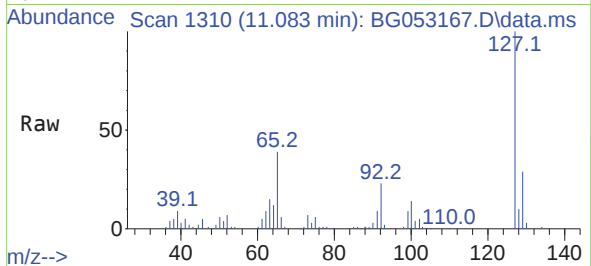
Tgt Ion:122 Resp: 67333
Ion Ratio Lower Upper
122 100
105 126.6 112.8 152.8
77 112.5 78.4 118.4





#33
4-Chloroaniline
Concen: 22.987 ng
RT: 11.083 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD

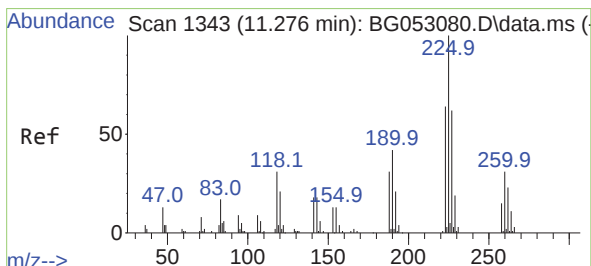
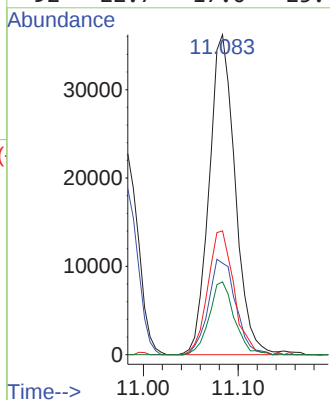
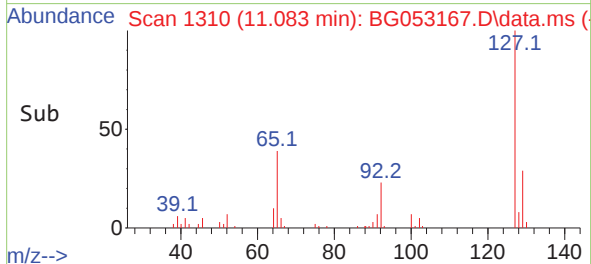


Tgt Ion:127 Resp: 69120

Ion	Ratio	Lower	Upper
127	100		
129	28.6	27.6	41.4
65	38.7	28.2	42.4
92	22.7	17.0	25.4

Manual Integrations
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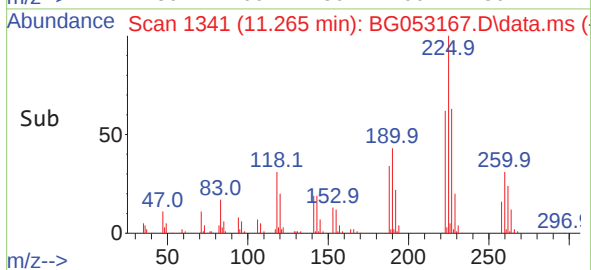
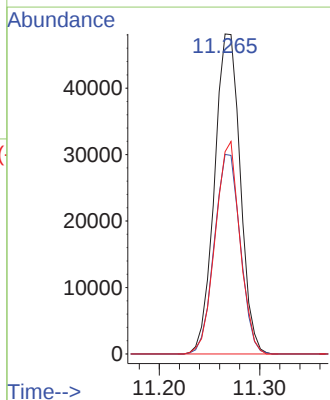
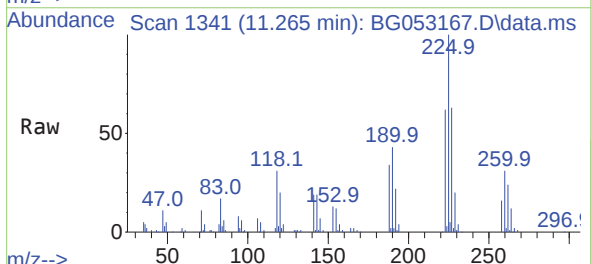
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

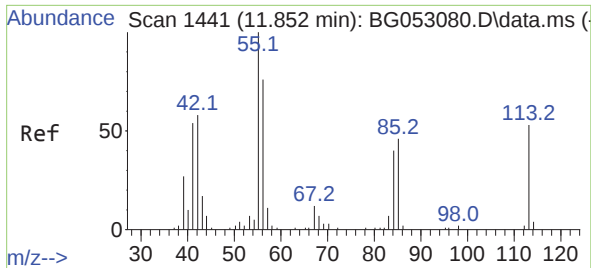


#34
Hexachlorobutadiene
Concen: 42.910 ng
RT: 11.265 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Tgt Ion:225 Resp: 85629

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.2	52.0	78.0





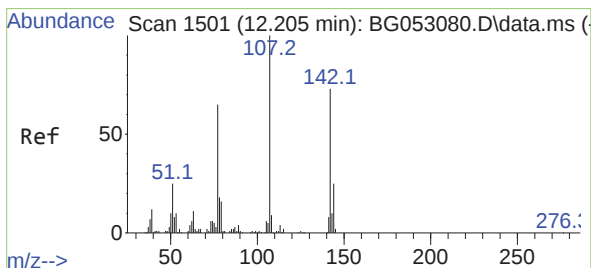
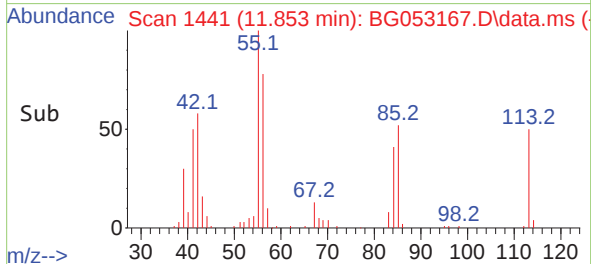
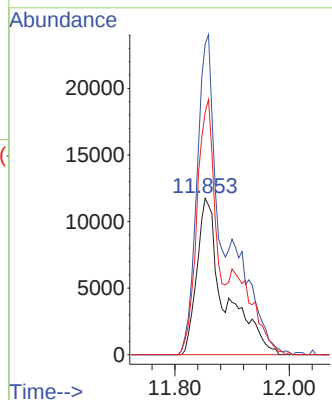
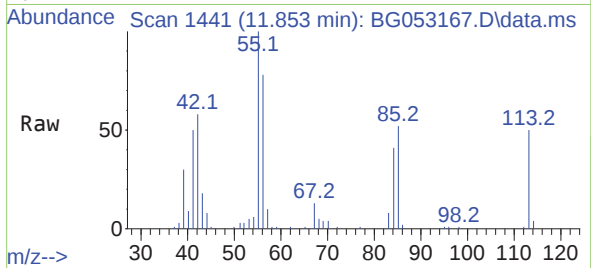
#35
Caprolactam
Concen: 47.500 ng m
RT: 11.853 min Scan# 1441
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD

Tgt Ion:113 Resp: 3974
Ion Ratio Lower Upper
113 100
55 198.5 151.3 191.3
56 154.9 128.5 168.5

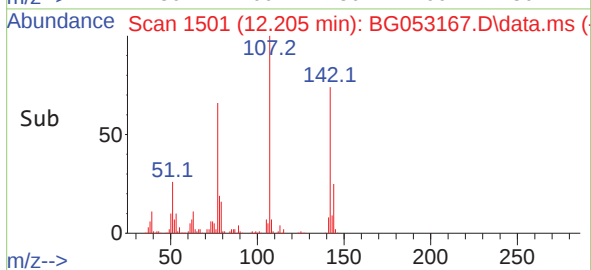
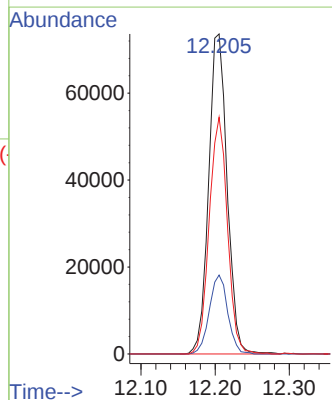
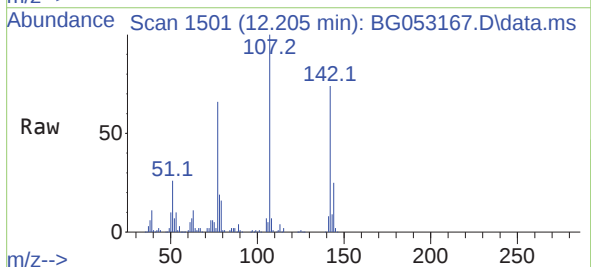
Manual Integrations
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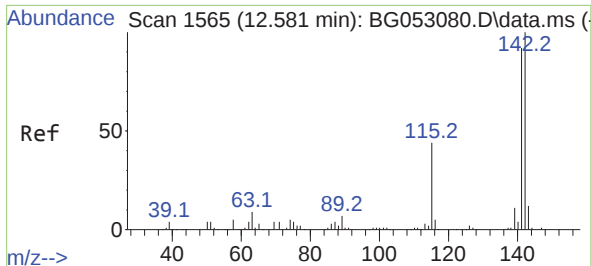
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#36
4-Chloro-3-methylphenol
Concen: 46.189 ng
RT: 12.205 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Tgt Ion:107 Resp: 127638
Ion Ratio Lower Upper
107 100
144 24.7 21.4 32.0
142 74.0 61.7 92.5





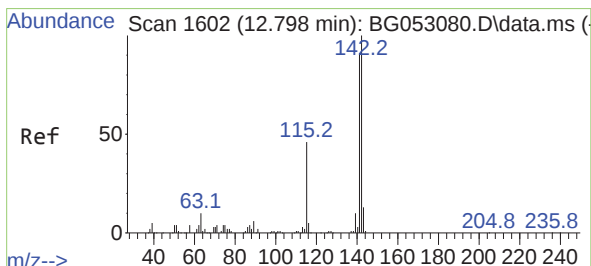
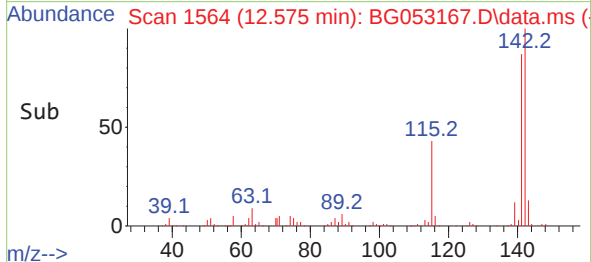
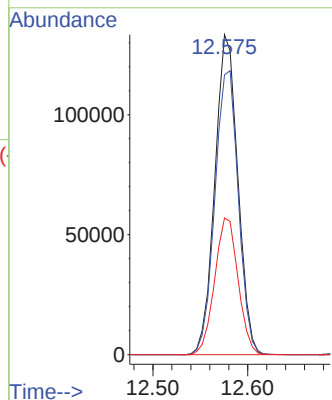
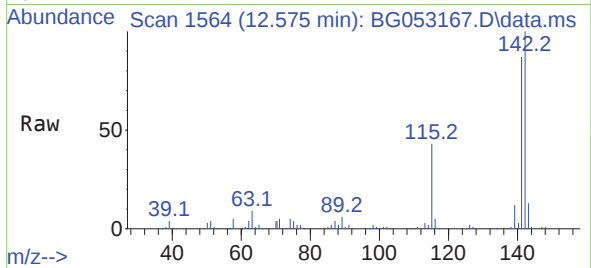
#37
2-Methylnaphthalene
Concen: 43.202 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD

Tgt Ion:142 Resp: 22446
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9
115 42.7 29.5 44.3

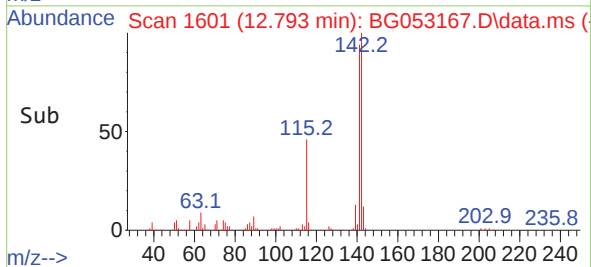
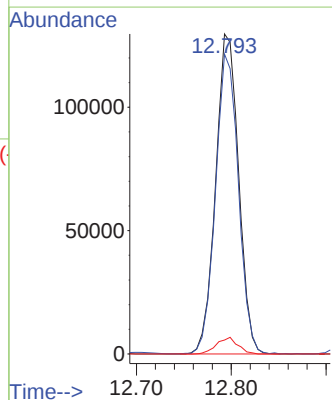
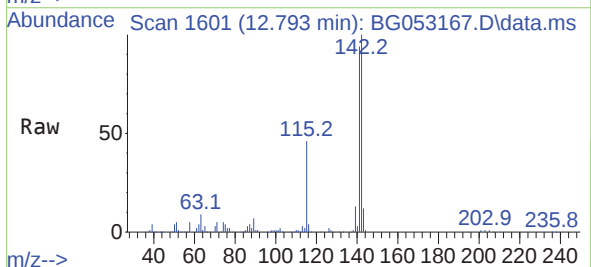
Manual Integrations
APPROVED

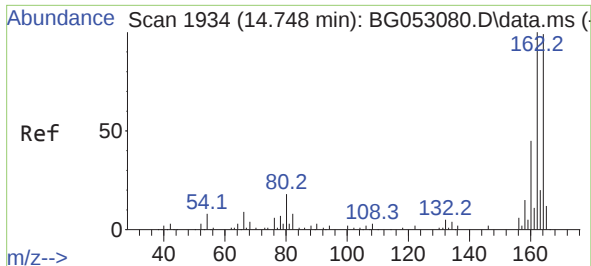
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#38
1-Methylnaphthalene
Concen: 43.073 ng
RT: 12.793 min Scan# 1601
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

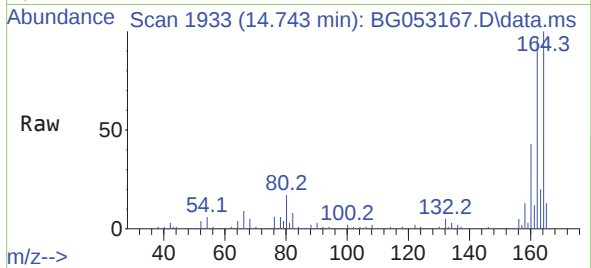
Tgt Ion:142 Resp: 218444
Ion Ratio Lower Upper
142 100
141 93.7 70.5 105.7
116 4.4 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

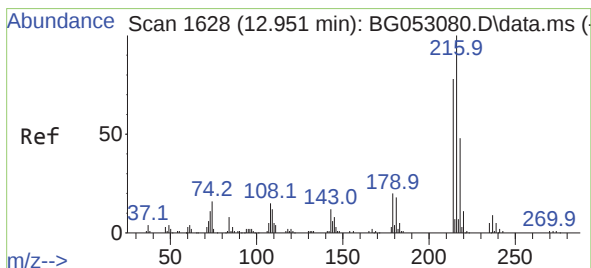
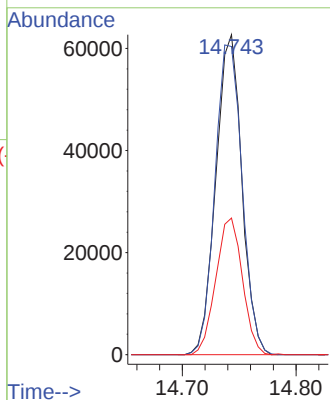
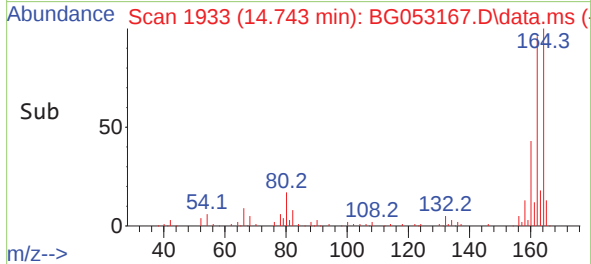
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



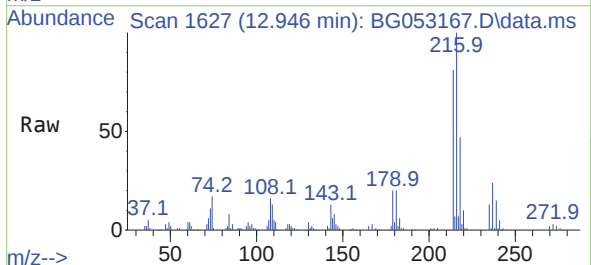
Tgt Ion:164 Resp: 9945
Ion Ratio Lower Upper
164 100
162 96.3 80.0 120.0
160 42.7 38.8 58.2

Manual Integrations
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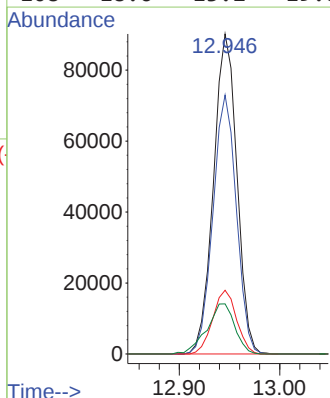
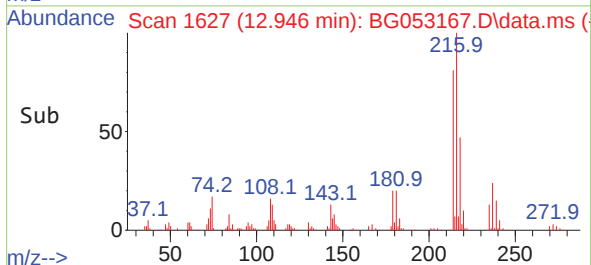
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

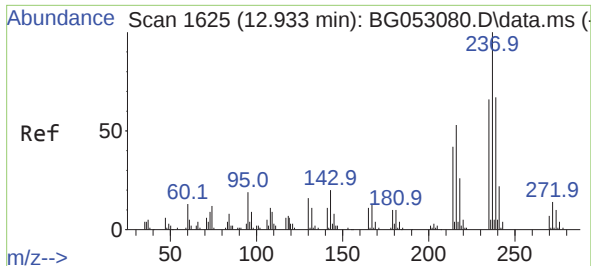


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.268 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



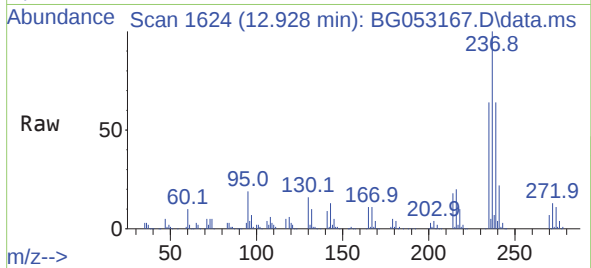
Tgt Ion:216 Resp: 146155
Ion Ratio Lower Upper
216 100
214 80.8 63.8 95.6
179 20.3 15.7 23.5
108 18.6 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 103.628 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

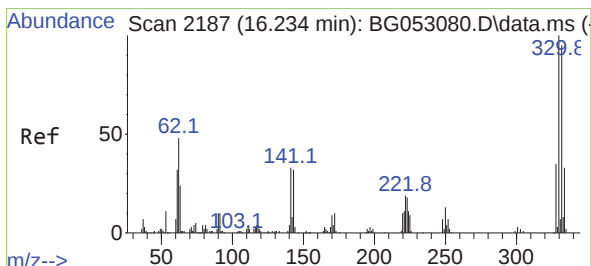
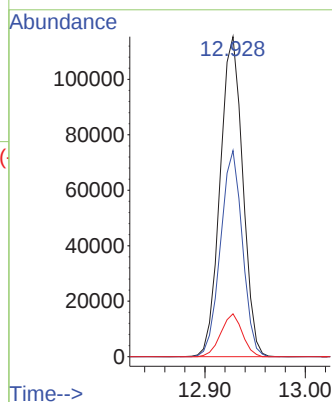
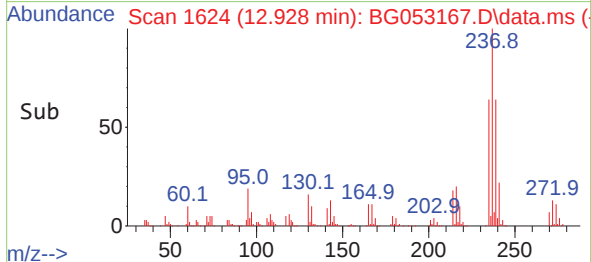
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



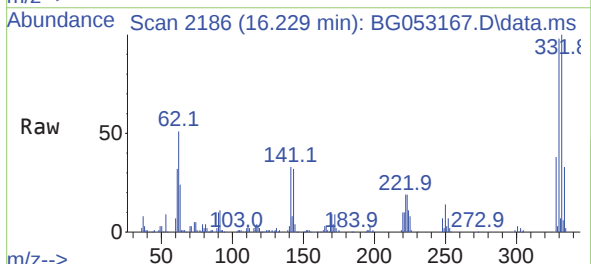
Tgt Ion:237 Resp: 180700
Ion Ratio Lower Upper
237 100
235 64.4 37.7 77.7
272 13.4 0.0 30.7

Manual Integrations
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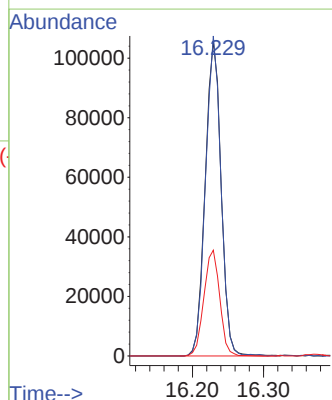
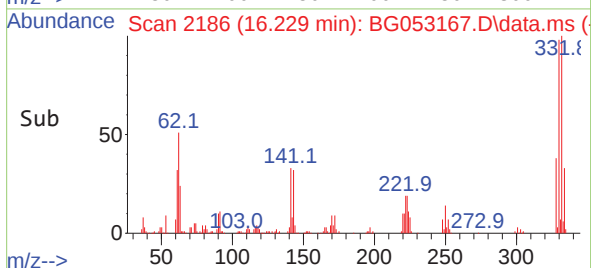
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

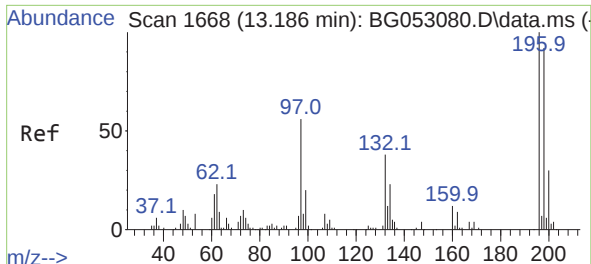


#42
2,4,6-Tribromophenol
Concen: 103.938 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



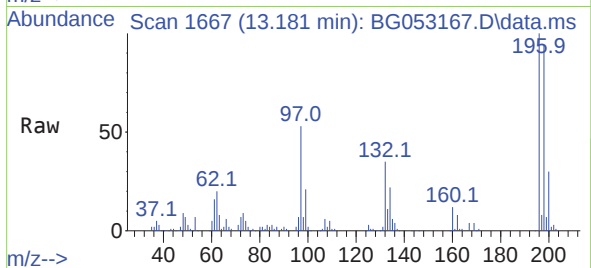
Tgt Ion:330 Resp: 164464
Ion Ratio Lower Upper
330 100
332 98.4 75.8 113.6
141 33.5 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.021 ng
RT: 13.181 min Scan# 1667
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

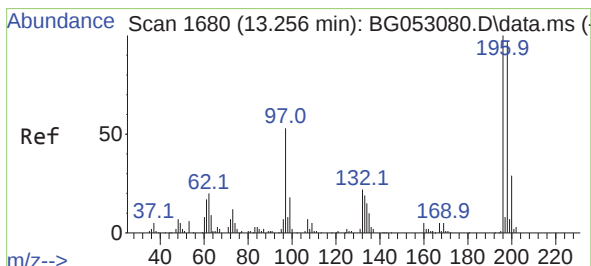
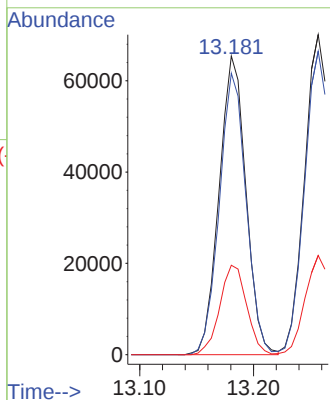
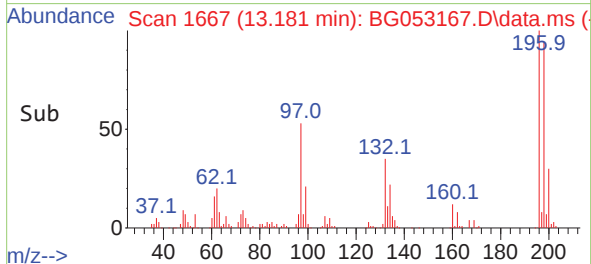
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:196 Resp: 10718
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 30.0 25.1 37.7

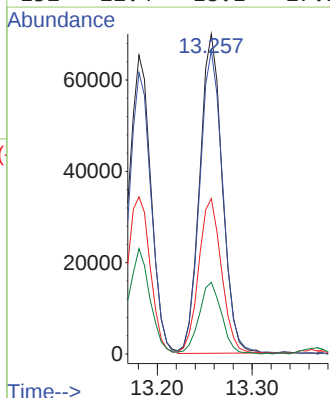
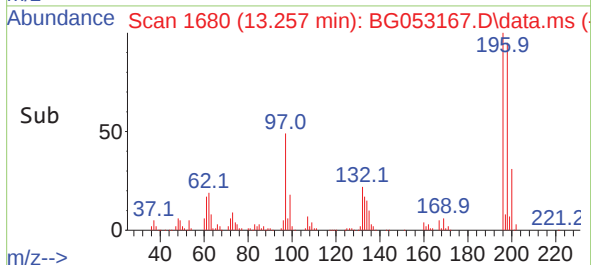
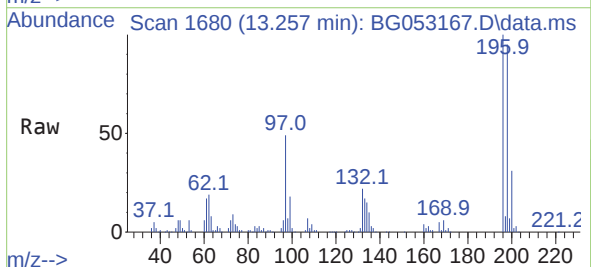
Manual Integrations
APPROVED

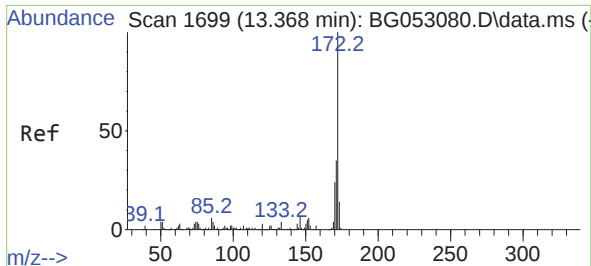
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#44
2,4,5-Trichlorophenol
Concen: 46.512 ng
RT: 13.257 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

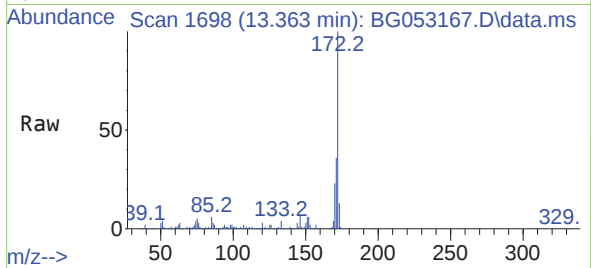
Tgt Ion:196 Resp: 115432
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.6
97 48.5 36.5 54.7
132 22.4 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 64.758 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

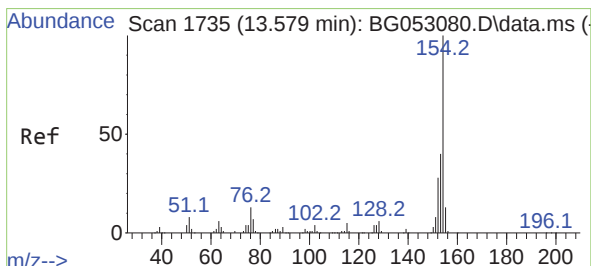
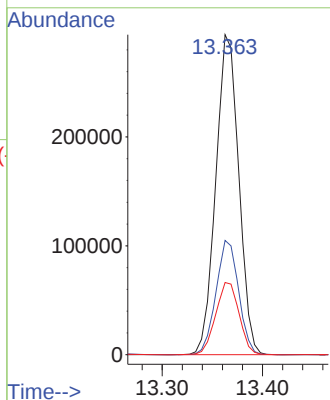
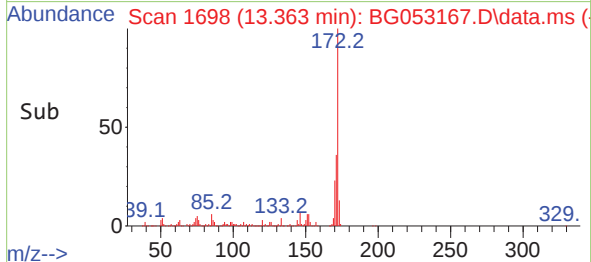
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:172 Resp: 46708
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 22.5 18.0 27.0

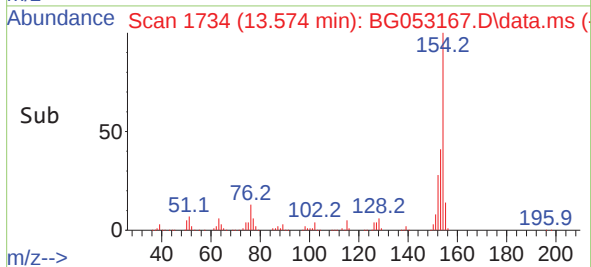
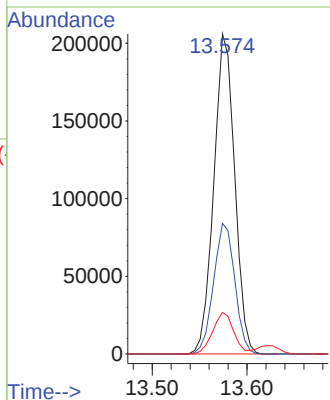
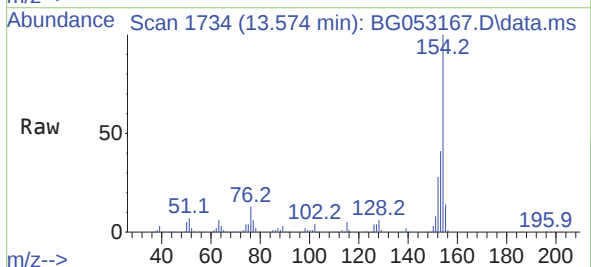
Manual Integrations
APPROVED

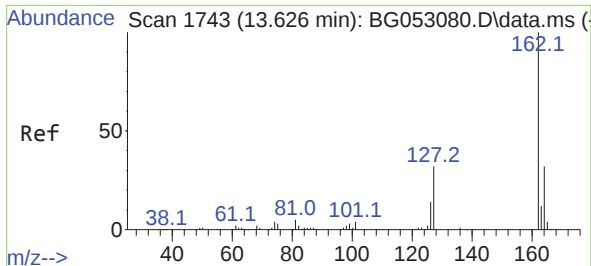
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#46
1,1'-Biphenyl
Concen: 44.007 ng
RT: 13.574 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

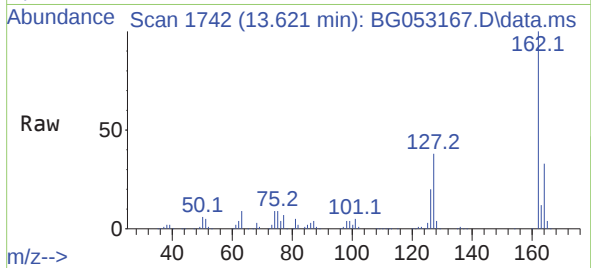
Tgt Ion:154 Resp: 315190
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 13.0 0.0 31.5





#47
2-Chloronaphthalene
Concen: 43.372 ng
RT: 13.621 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

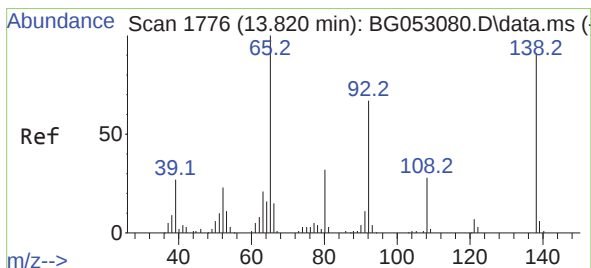
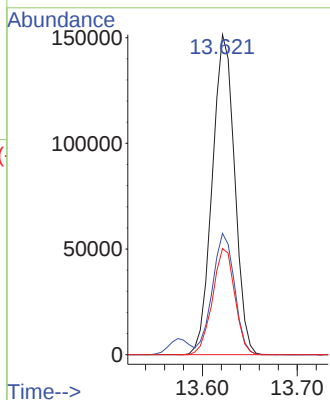
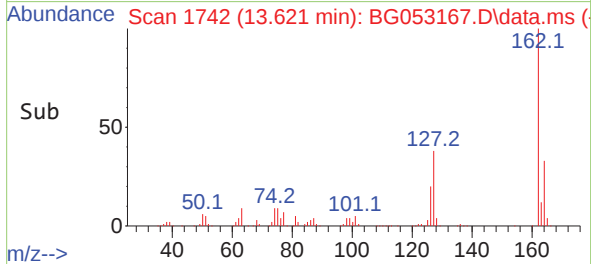
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:162 Resp: 247834
Ion Ratio Lower Upper
162 100
127 37.9 28.1 42.1
164 33.2 26.0 39.0

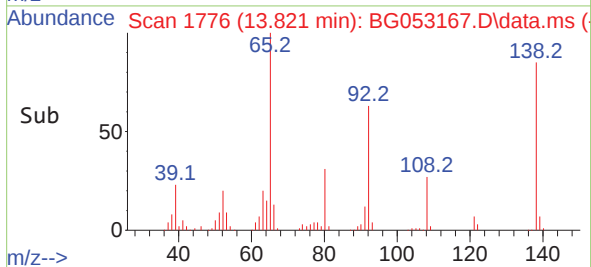
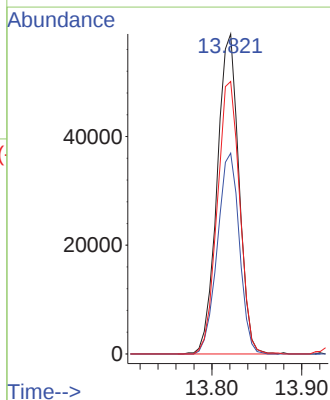
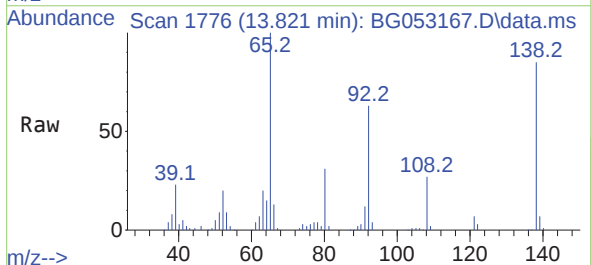
Manual Integrations
APPROVED

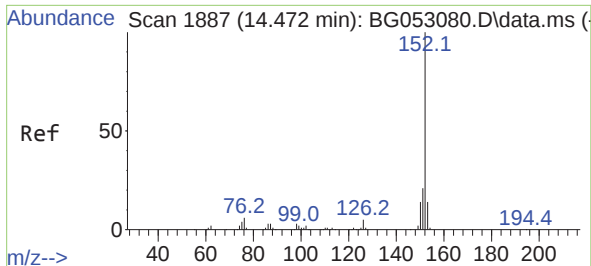
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#48
2-Nitroaniline
Concen: 45.714 ng
RT: 13.821 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

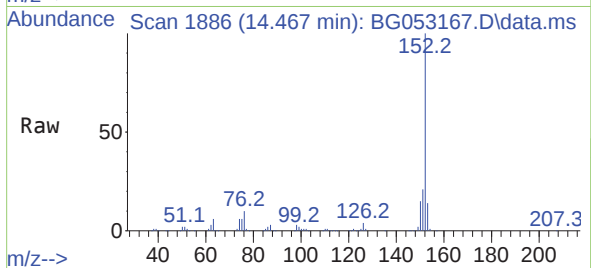
Tgt Ion: 65 Resp: 99133
Ion Ratio Lower Upper
65 100
92 62.7 52.1 78.1
138 85.1 80.1 120.1





#49
Acenaphthylene
Concen: 47.394 ng
RT: 14.467 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

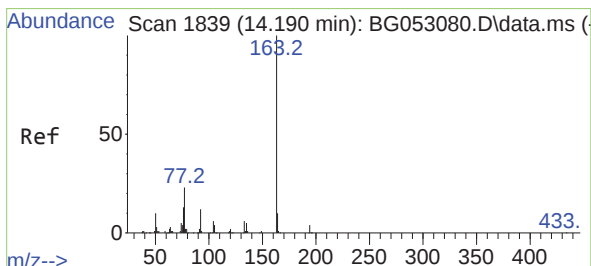
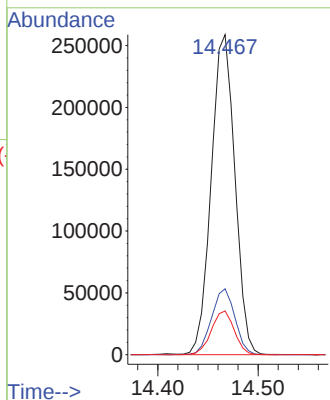
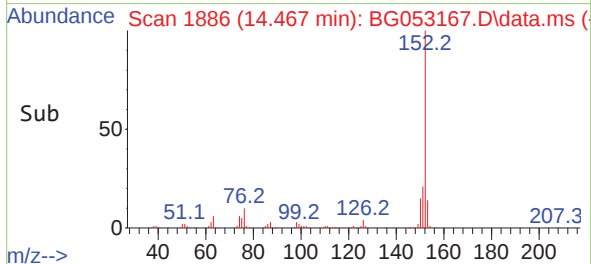
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



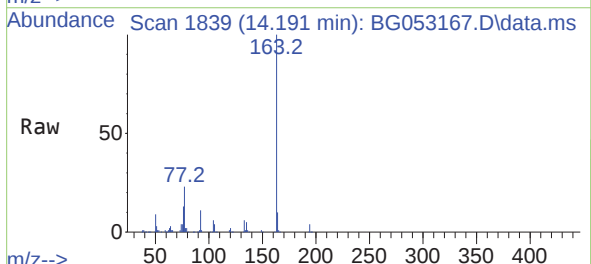
Tgt Ion:152 Resp: 42394
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.7 10.6 15.8

Manual Integrations
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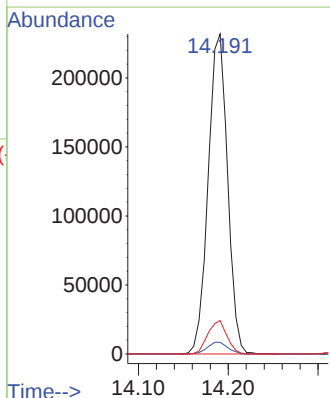
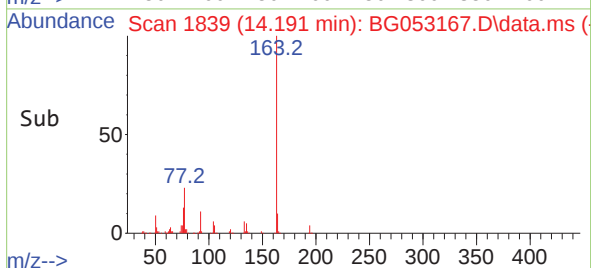
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

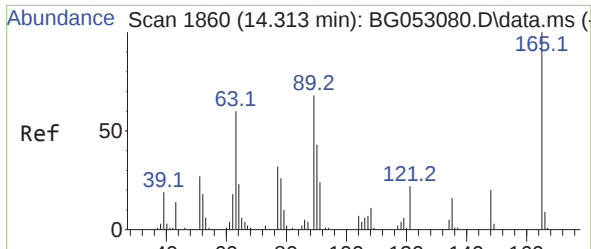


#50
Dimethylphthalate
Concen: 43.590 ng
RT: 14.191 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



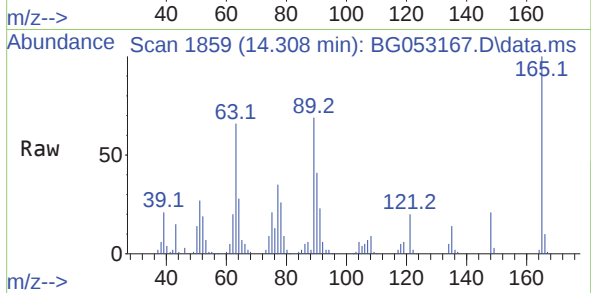
Tgt Ion:163 Resp: 346757
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.741 ng
RT: 14.308 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

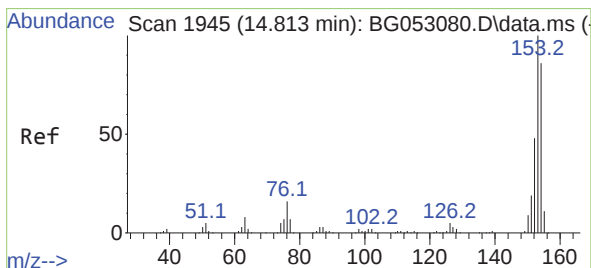
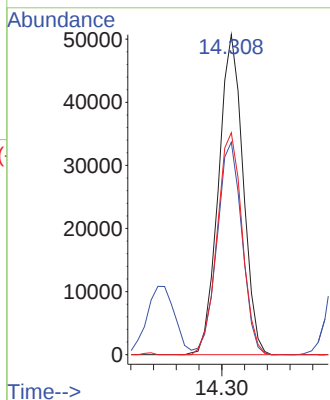
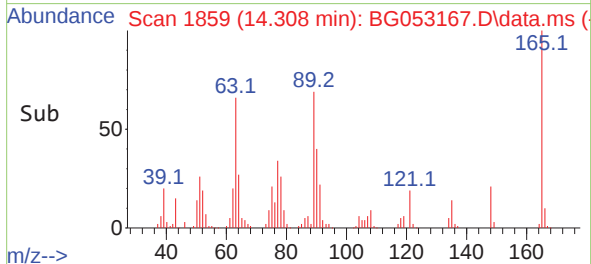
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



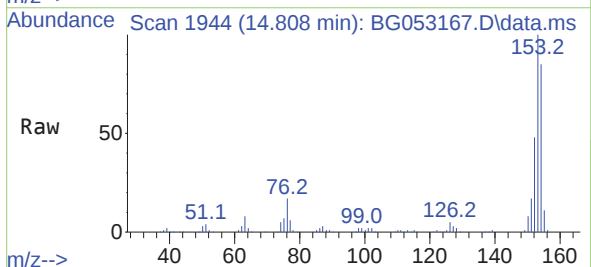
Tgt Ion:165 Resp: 75909
Ion Ratio Lower Upper
165 100
63 66.4 43.7 65.5
89 69.4 45.0 67.4

Manual Integrations
APPROVED

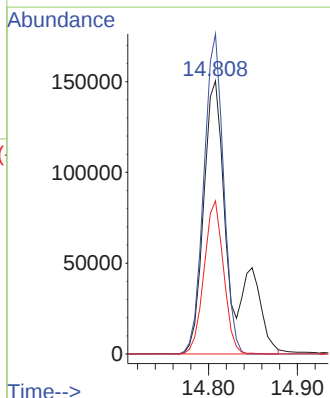
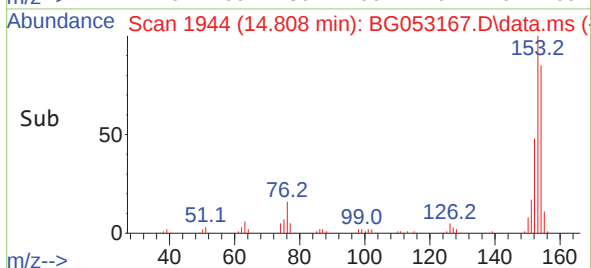
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

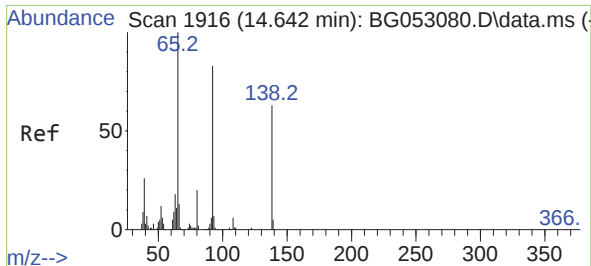


#52
Acenaphthene
Concen: 51.454 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



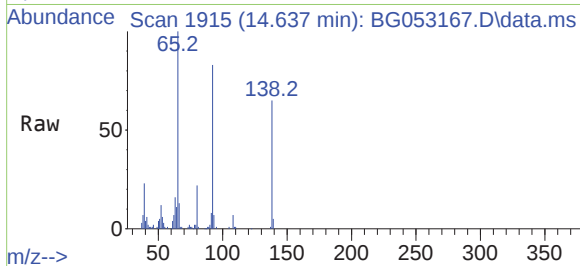
Tgt Ion:154 Resp: 312122
Ion Ratio Lower Upper
154 100
153 117.2 89.0 133.4
152 56.1 40.5 60.7





#53
3-Nitroaniline
Concen: 26.629 ng
RT: 14.637 min Scan# 1916
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

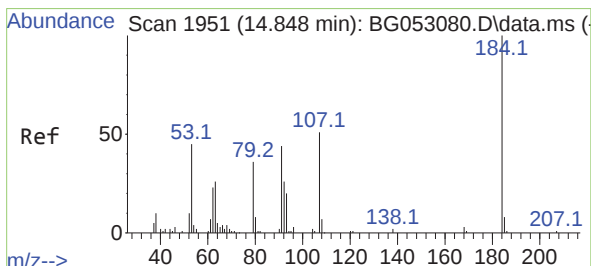
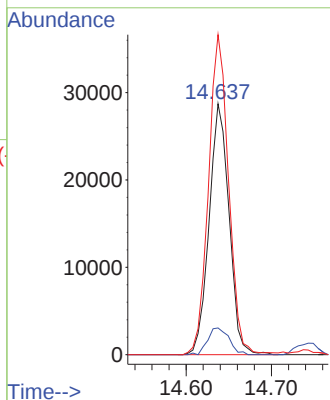
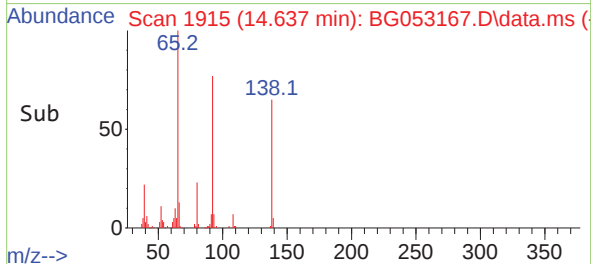
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:138 Resp: 46729
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 127.6 96.2 144.2

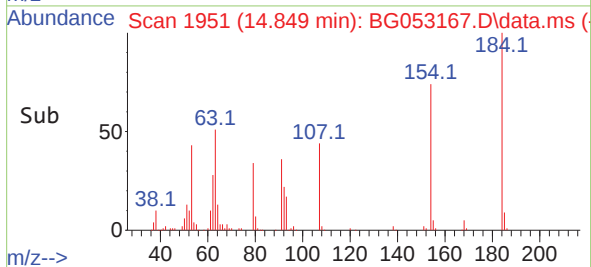
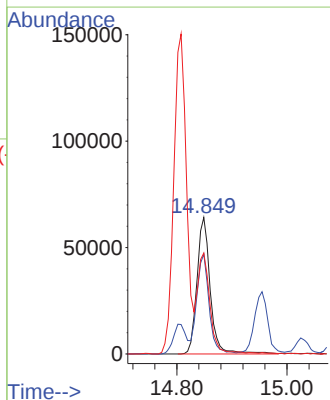
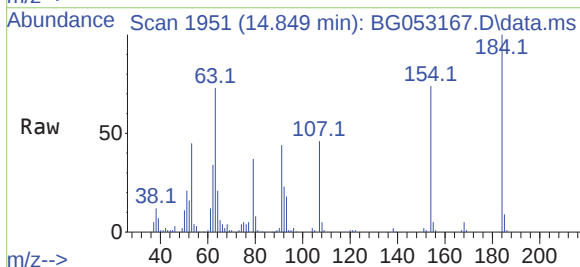
Manual Integrations
APPROVED

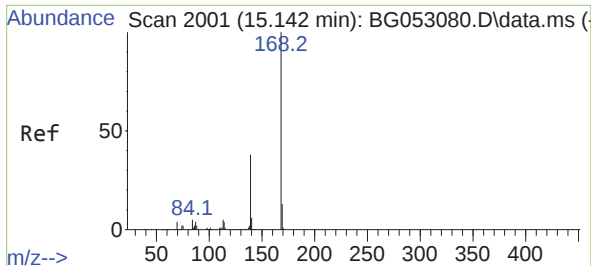
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#54
2,4-Dinitrophenol
Concen: 102.501 ng
RT: 14.849 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

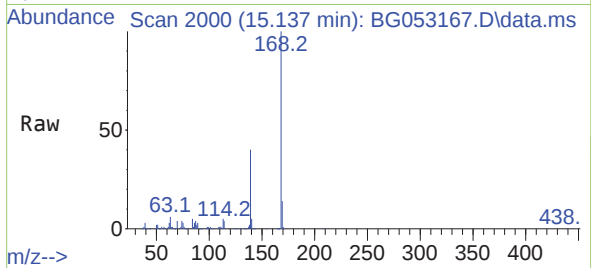
Tgt Ion:184 Resp: 108235
Ion Ratio Lower Upper
184 100
63 73.1 51.8 77.6
154 74.0 47.8 71.6#





#55
Dibenzofuran
Concen: 43.246 ng
RT: 15.137 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

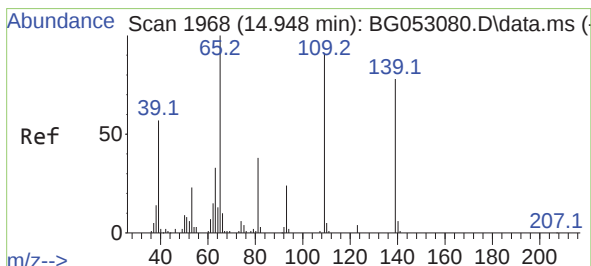
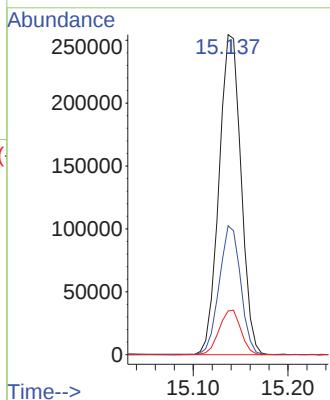
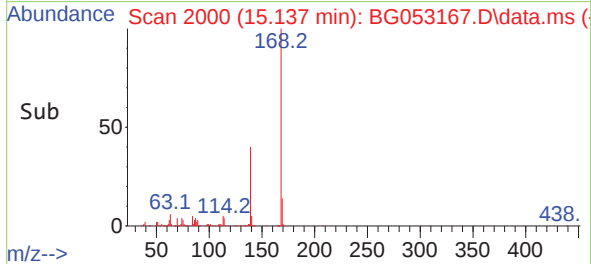
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:168 Resp: 410760
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 13.6 10.7 16.1

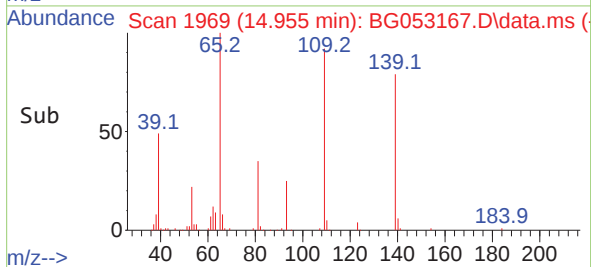
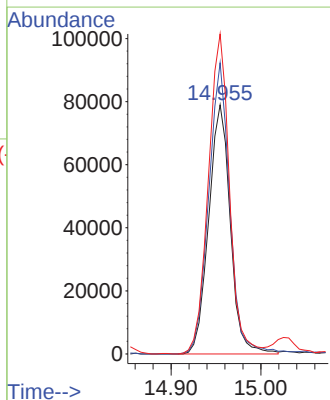
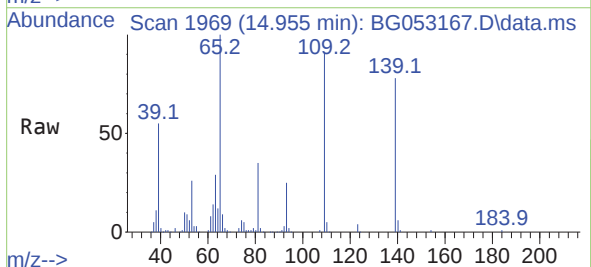
Manual Integrations
APPROVED

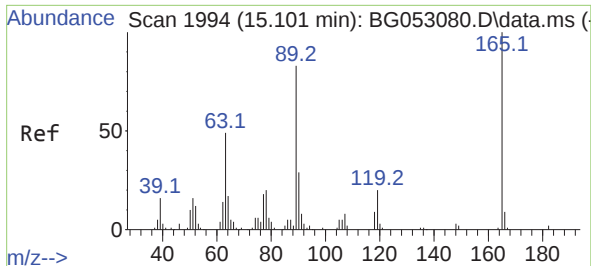
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#56
4-Nitrophenol
Concen: 98.620 ng
RT: 14.955 min Scan# 1969
Delta R.T. 0.007 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

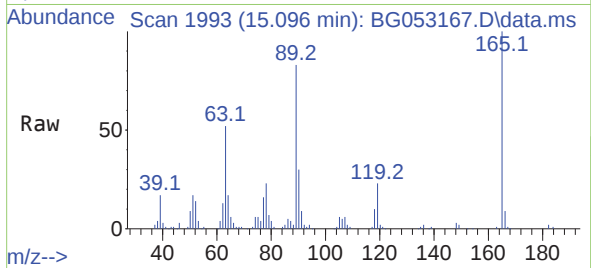
Tgt Ion:139 Resp: 131988
Ion Ratio Lower Upper
139 100
109 116.9 67.1 107.1#
65 128.5 88.2 128.2#





#57
2,4-Dinitrotoluene
Concen: 46.503 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

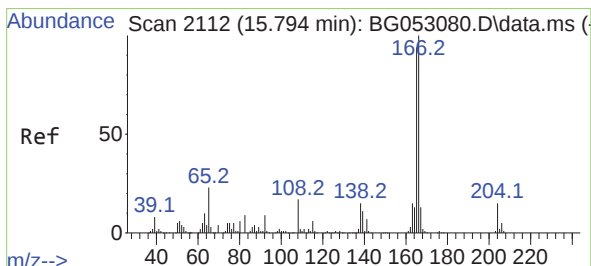
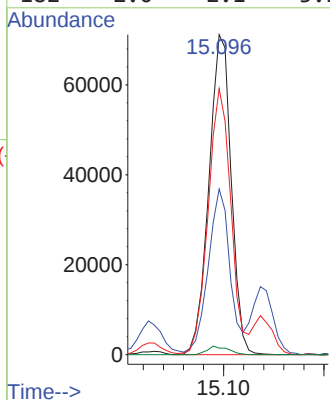
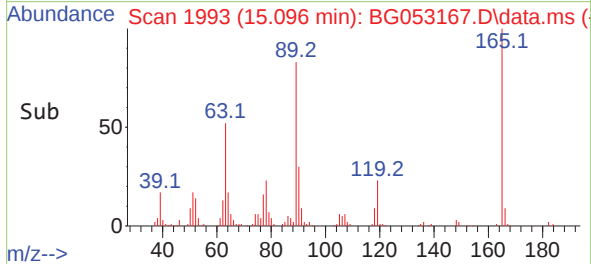
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:165 Resp: 10987
Ion Ratio Lower Upper
165 100
63 51.7 34.8 52.2
89 83.1 57.4 86.0
182 2.0 2.1 3.1#

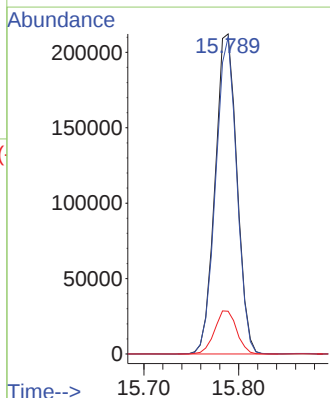
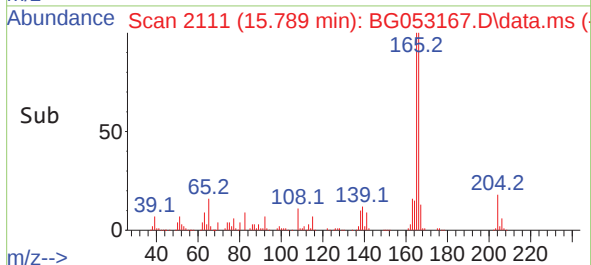
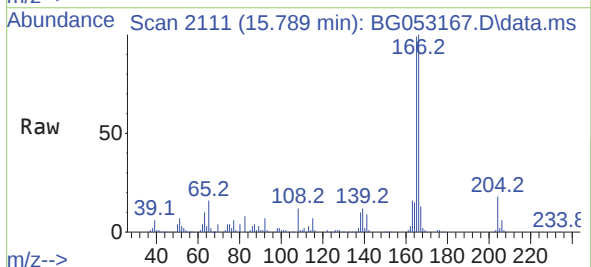
Manual Integrations
APPROVED

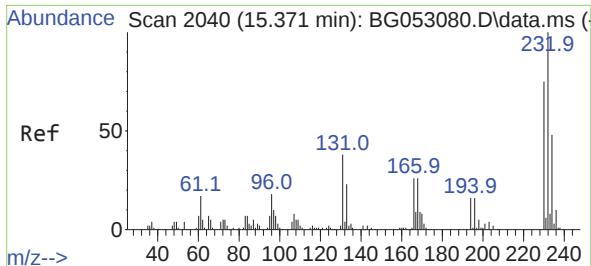
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#58
Fluorene
Concen: 44.362 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

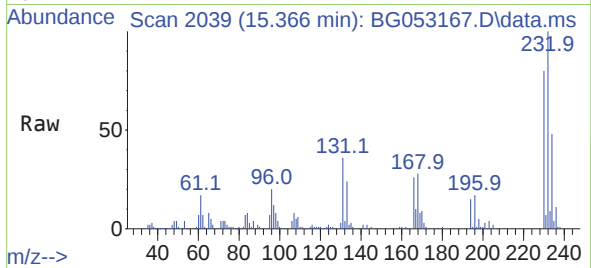
Tgt Ion:166 Resp: 340325
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.692 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

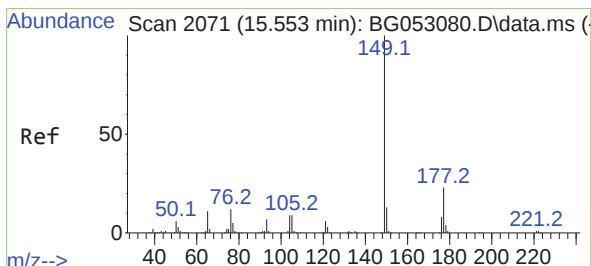
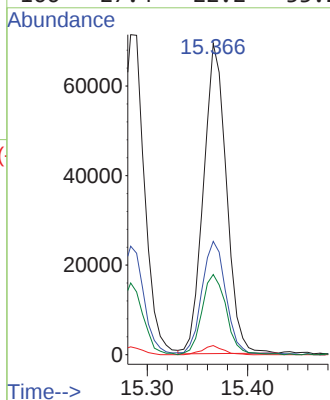
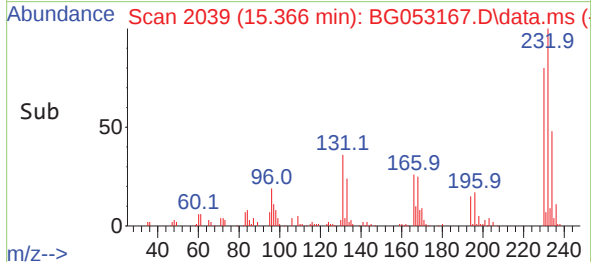
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:232 Resp: 110124
Ion Ratio Lower Upper
232 100
131 38.9 30.1 45.1
130 2.7 1.8 2.8
166 27.4 22.2 33.2

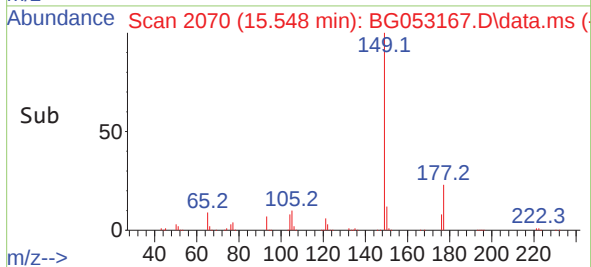
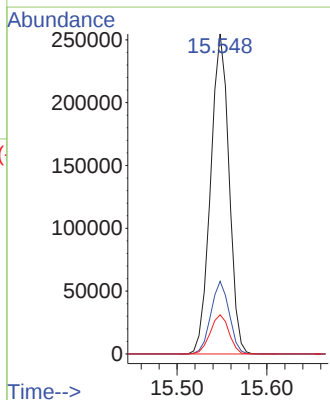
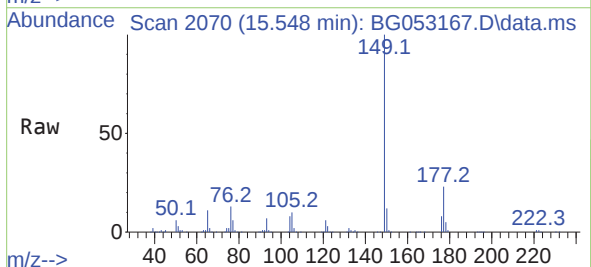
Manual Integrations
APPROVED

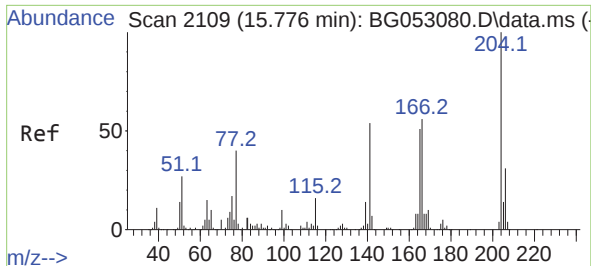
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#60
Diethylphthalate
Concen: 43.420 ng
RT: 15.548 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

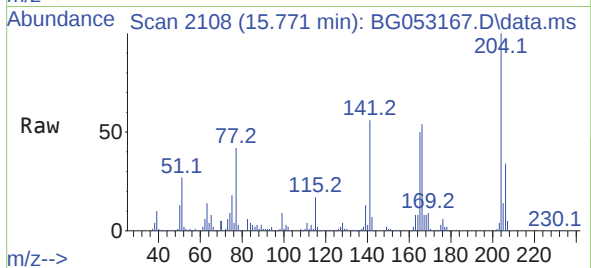
Tgt Ion:149 Resp: 361898
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.913 ng
RT: 15.771 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

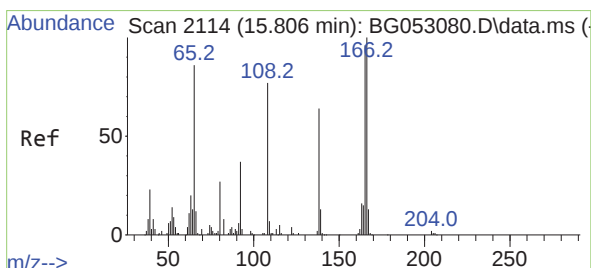
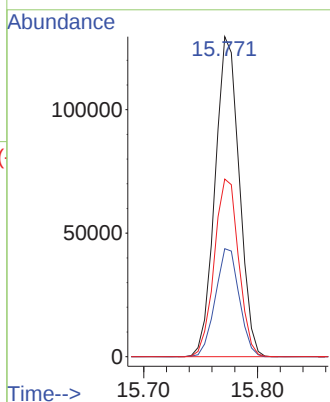
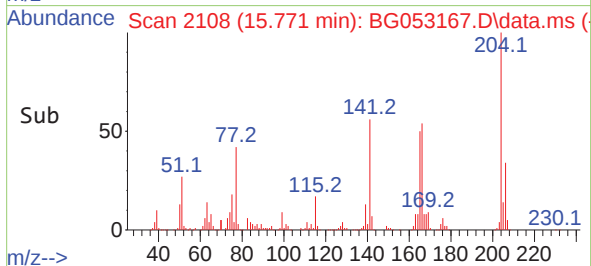
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:204 Resp: 190972
Ion Ratio Lower Upper
204 100
206 33.7 28.3 42.5
141 55.5 45.8 68.8

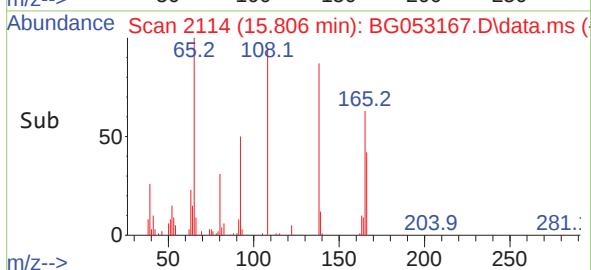
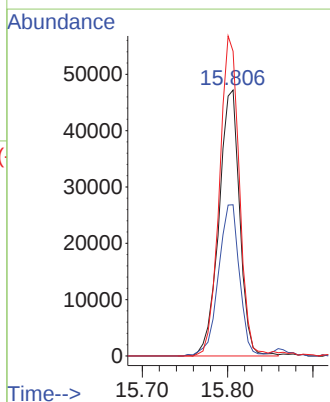
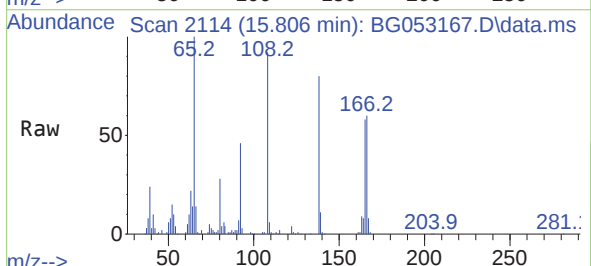
Manual Integrations
APPROVED

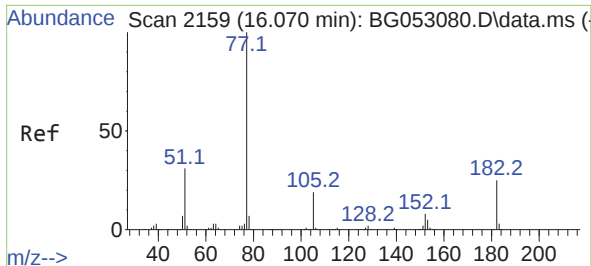
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#62
4-Nitroaniline
Concen: 43.139 ng
RT: 15.806 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

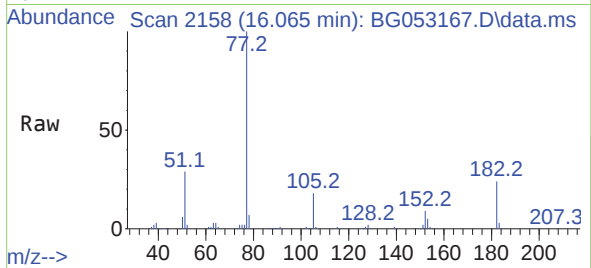
Tgt Ion:138 Resp: 79882
Ion Ratio Lower Upper
138 100
92 56.9 33.3 73.3
108 114.6 74.2 114.2#





#63
Azobenzene
Concen: 43.383 ng
RT: 16.065 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

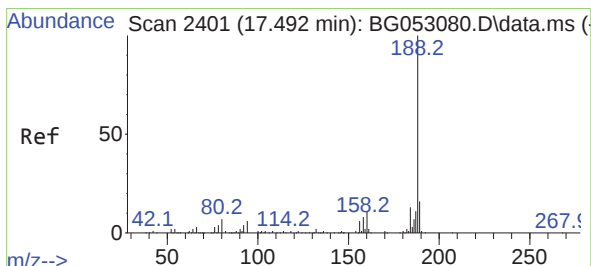
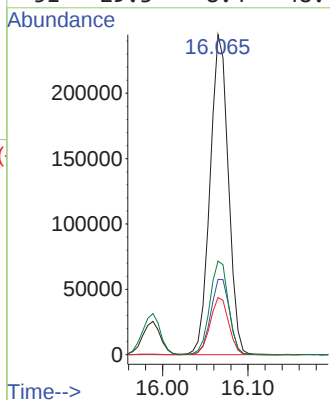
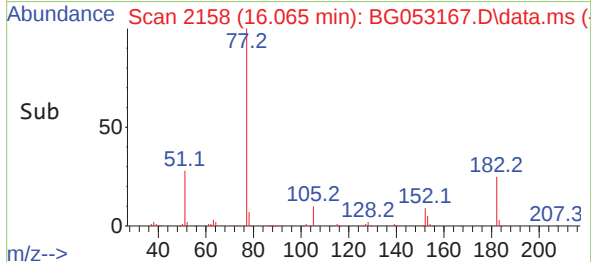
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



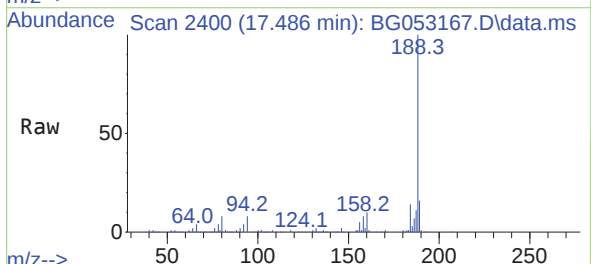
Tgt Ion: 77 Resp: 364558
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 17.8 0.0 38.8
51 29.3 8.4 48.4

Manual Integrations
APPROVED

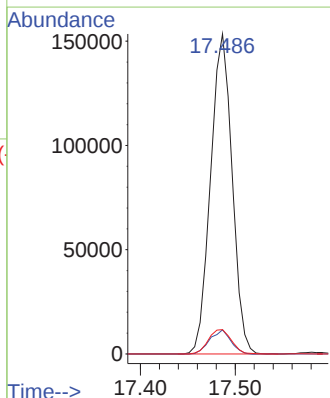
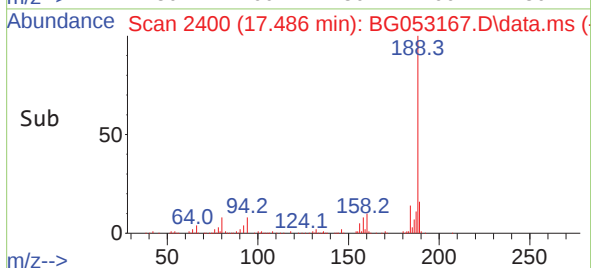
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

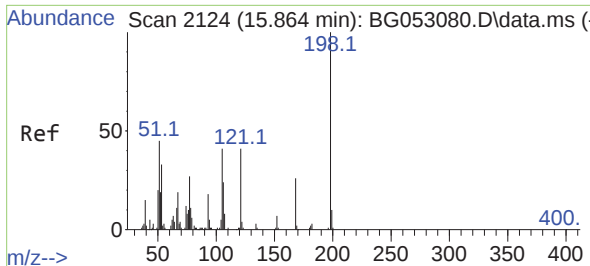


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



Tgt Ion:188 Resp: 242203
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 7.6 7.2 10.8





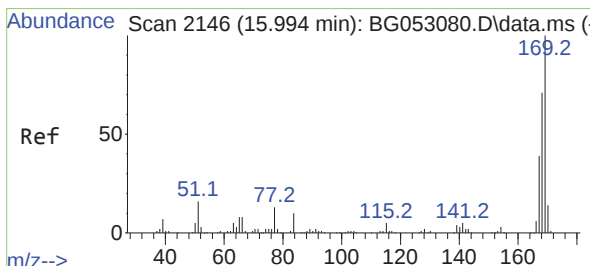
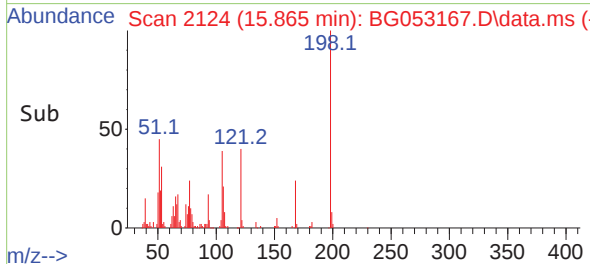
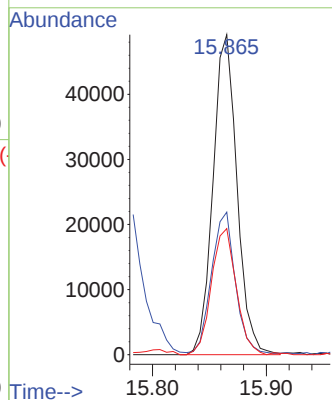
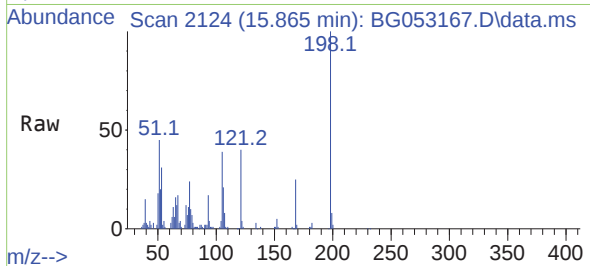
#65
4,6-Dinitro-2-methylphenol
Concen: 42.615 ng
RT: 15.865 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD

Tgt Ion:198 Resp: 72010
Ion Ratio Lower Upper
198 100
51 44.6 21.7 61.7
105 39.4 20.8 60.8

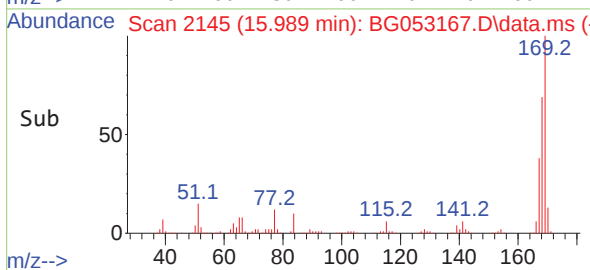
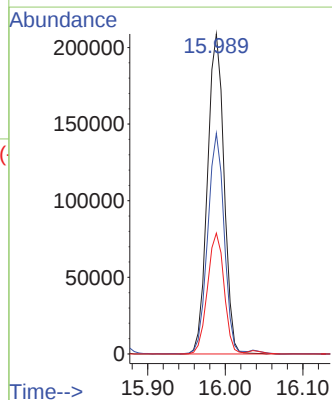
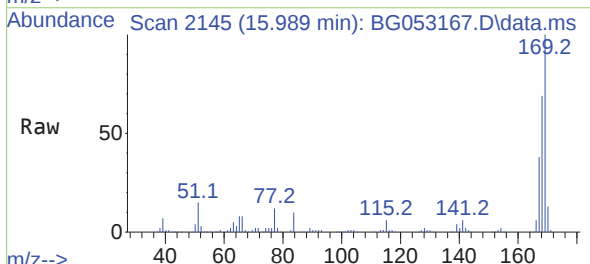
Manual Integrations
APPROVED

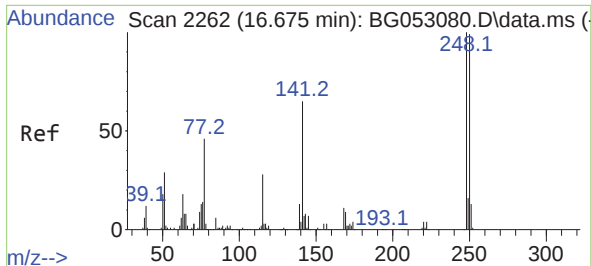
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#66
n-Nitrosodiphenylamine
Concen: 44.404 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

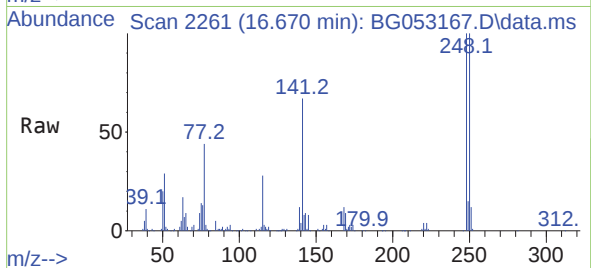
Tgt Ion:169 Resp: 309274
Ion Ratio Lower Upper
169 100
168 69.0 54.5 81.7
167 37.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 43.993 ng
RT: 16.670 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

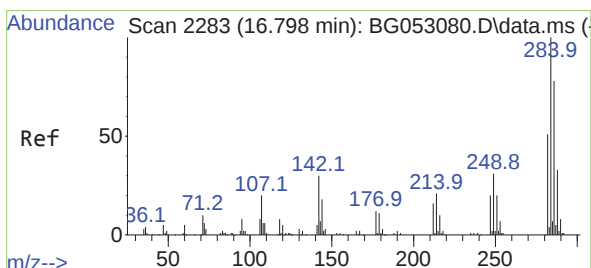
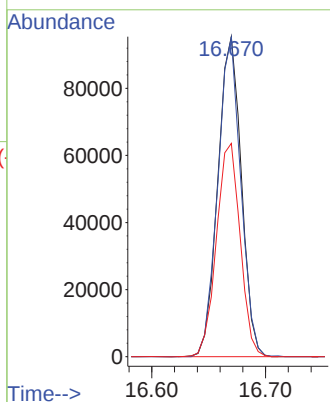
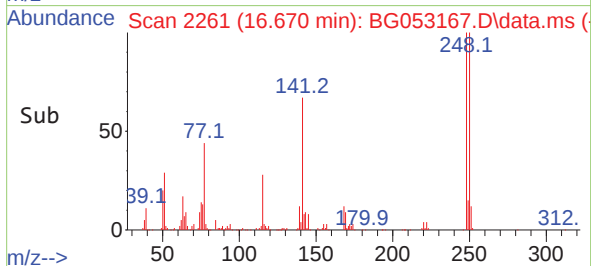
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



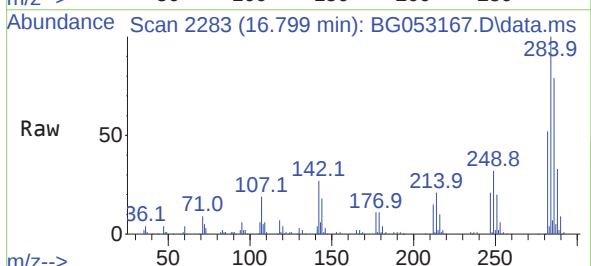
Tgt Ion:248 Resp: 136532
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 66.7 49.2 73.8

Manual Integrations
APPROVED

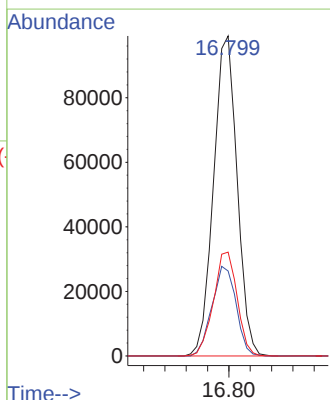
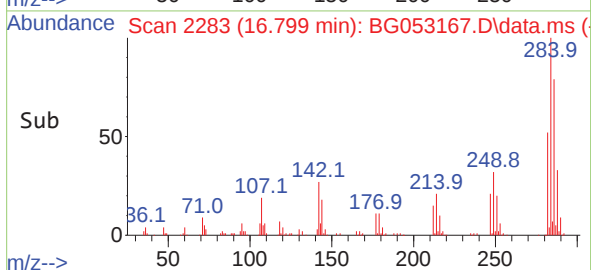
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

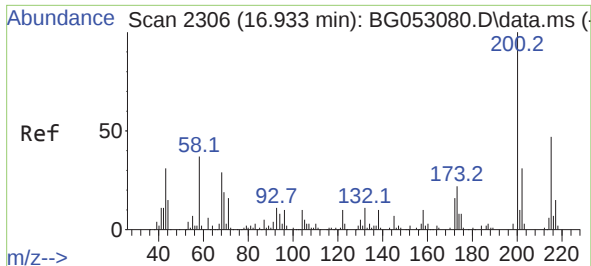


#68
Hexachlorobenzene
Concen: 45.123 ng
RT: 16.799 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



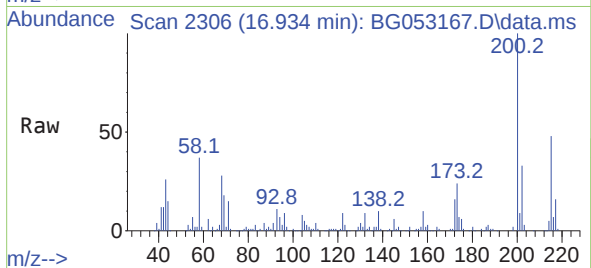
Tgt Ion:284 Resp: 151654
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 32.5 22.7 34.1





#69
 Atrazine
 Concen: 51.437 ng
 RT: 16.934 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053167.D
 Acq: 15 Apr 2022 16:43

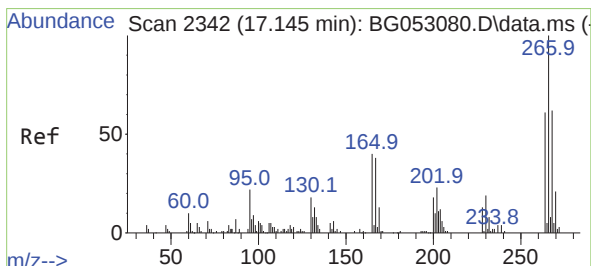
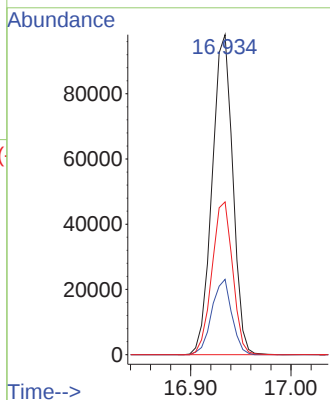
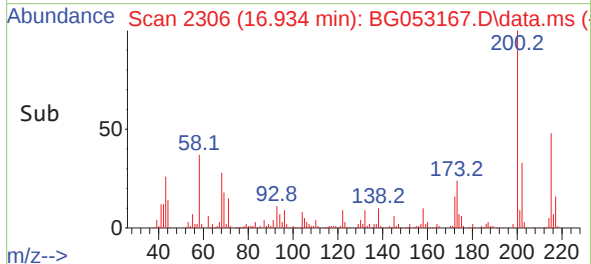
Instrument :
 BNA_G
 ClientSampleId :
 E14-EB1-041322-5-10MSD



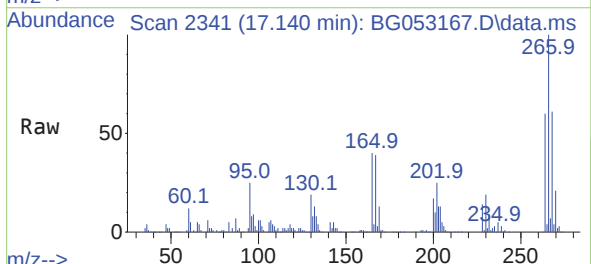
Tgt Ion:200 Resp: 13994
 Ion Ratio Lower Upper
 200 100
 173 23.6 3.8 43.8
 215 47.8 26.3 66.3

Manual Integrations
 APPROVED

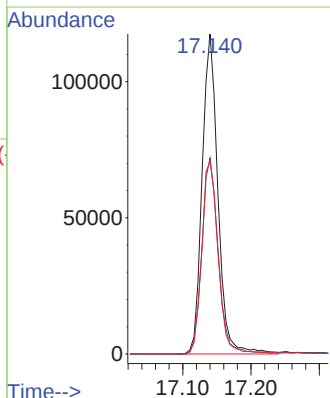
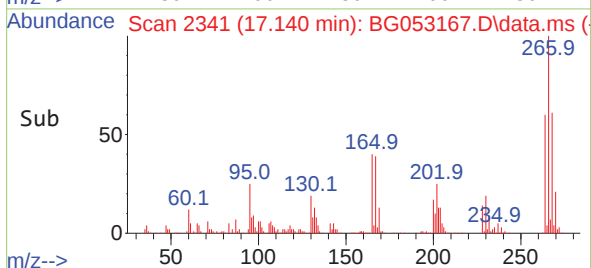
Reviewed By :Christian Giraldo 04/18/2022
 Supervised By :Jagrut Upadhyay 04/18/2022

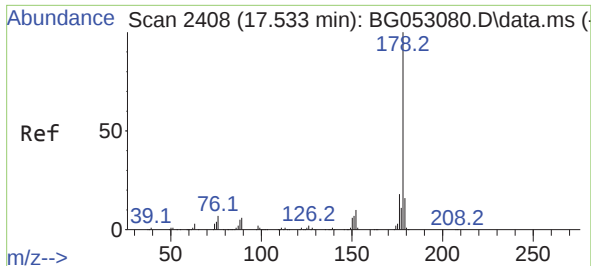


#70
 Pentachlorophenol
 Concen: 102.909 ng
 RT: 17.140 min Scan# 2341
 Delta R.T. -0.005 min
 Lab File: BG053167.D
 Acq: 15 Apr 2022 16:43



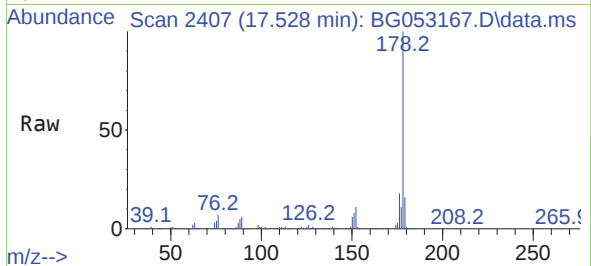
Tgt Ion:266 Resp: 189025
 Ion Ratio Lower Upper
 266 100
 268 61.2 45.9 68.9
 264 60.3 45.3 67.9





#71
Phenanthrene
Concen: 44.789 ng
RT: 17.528 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

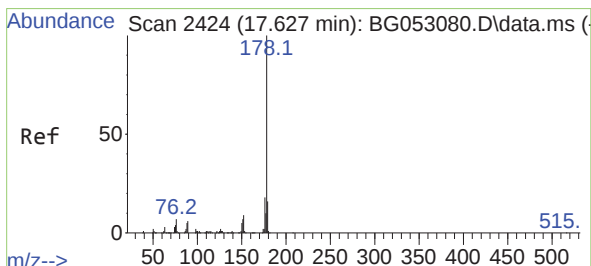
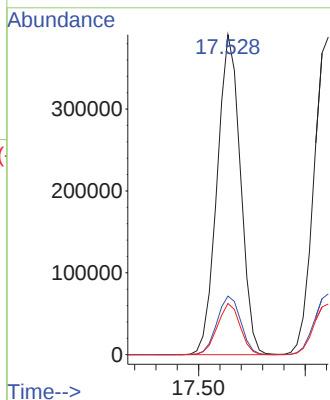
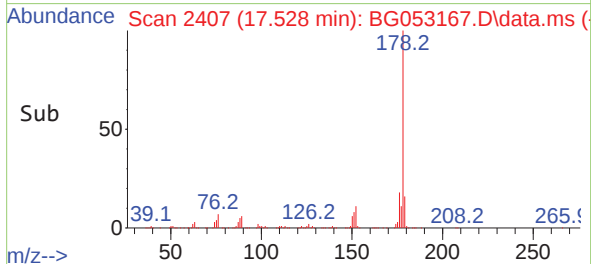
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:178 Resp: 592538
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 16.0 13.4 20.2

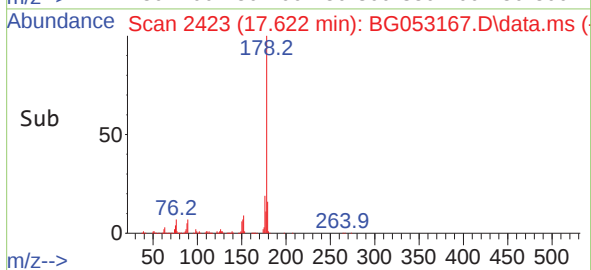
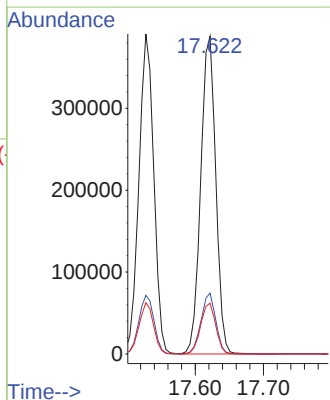
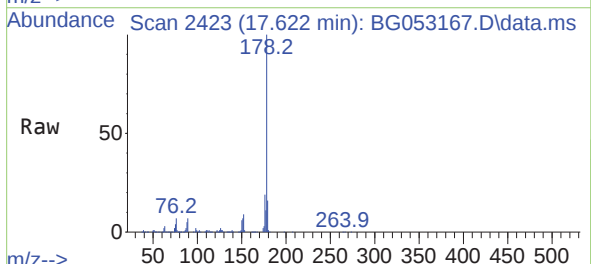
Manual Integrations
APPROVED

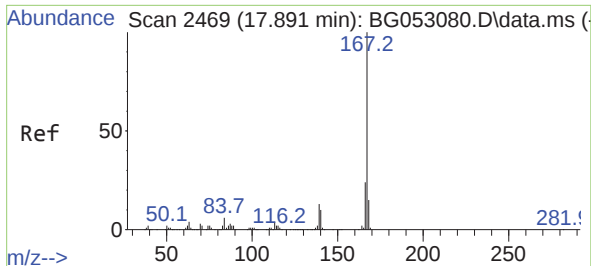
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#72
Anthracene
Concen: 45.422 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

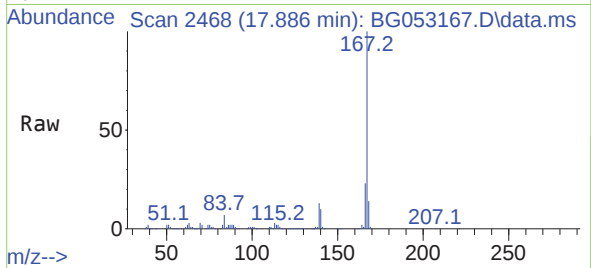
Tgt Ion:178 Resp: 595317
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 16.0 13.2 19.8





#73
 Carbazole
 Concen: 43.965 ng
 RT: 17.886 min Scan# 2468
 Delta R.T. -0.005 min
 Lab File: BG053167.D
 Acq: 15 Apr 2022 16:43

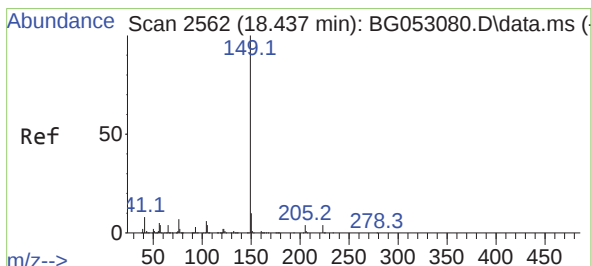
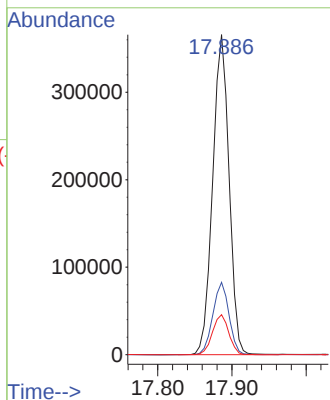
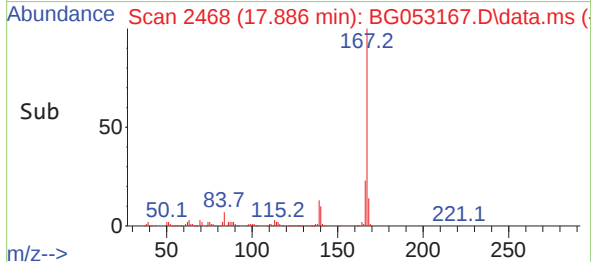
Instrument :
 BNA_G
 ClientSampleId :
 E14-EB1-041322-5-10MSD



Tgt Ion:167 Resp: 56012
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.5 27.7
 139 12.5 10.0 15.0

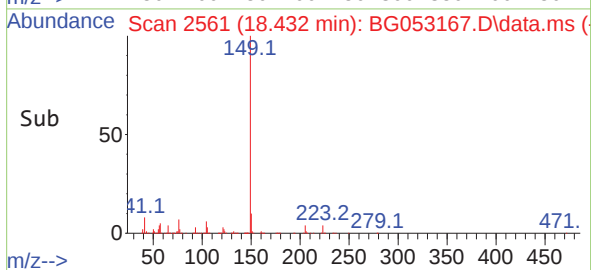
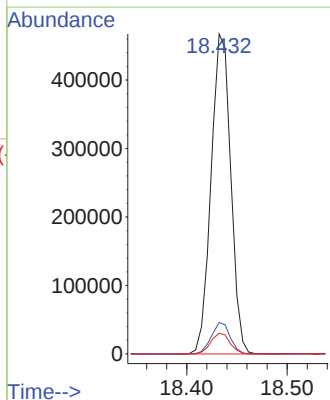
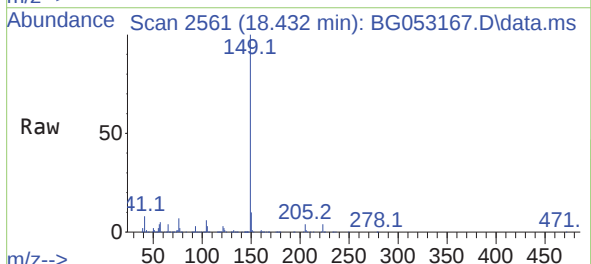
Manual Integrations
 APPROVED

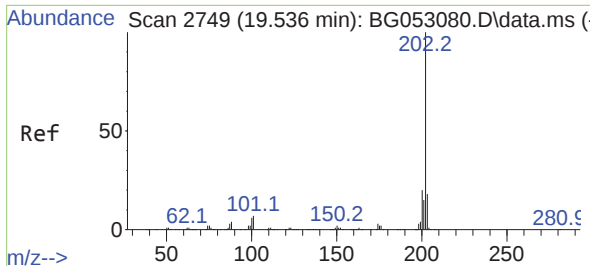
Reviewed By :Christian Giraldo 04/18/2022
 Supervised By :Jagrut Upadhyay 04/18/2022



#74
 Di-n-butylphthalate
 Concen: 43.877 ng
 RT: 18.432 min Scan# 2561
 Delta R.T. -0.005 min
 Lab File: BG053167.D
 Acq: 15 Apr 2022 16:43

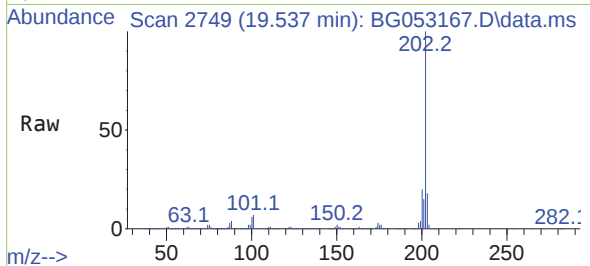
Tgt Ion:149 Resp: 633983
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.0 10.6
 104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 43.394 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

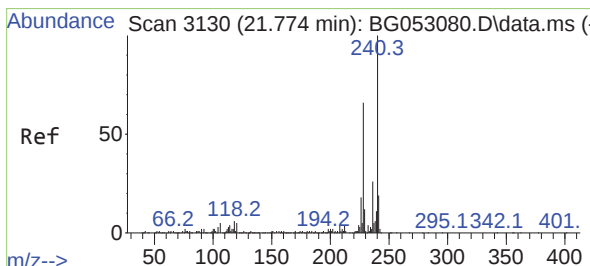
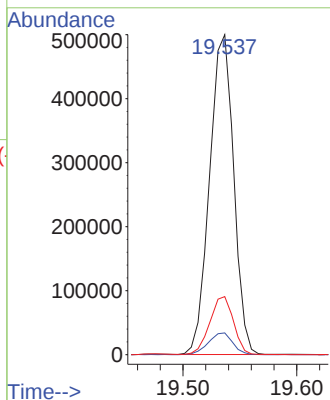
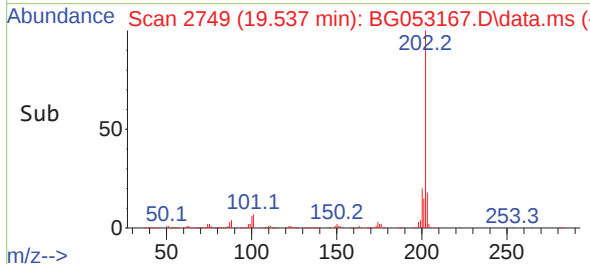
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



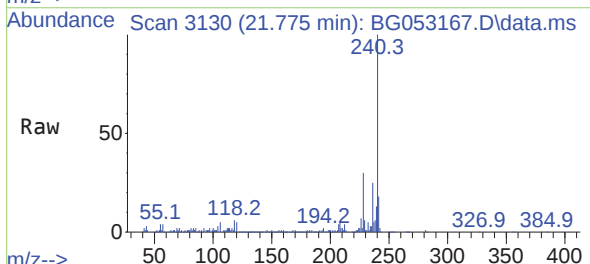
Tgt Ion:202 Resp: 735884
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.3
203 18.2 0.0 37.7

Manual Integrations
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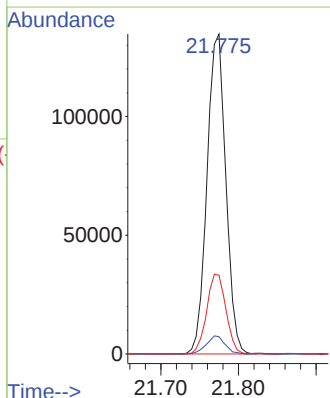
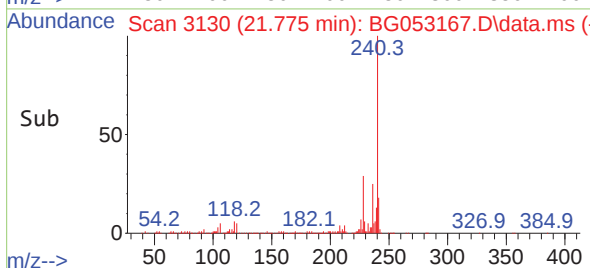
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

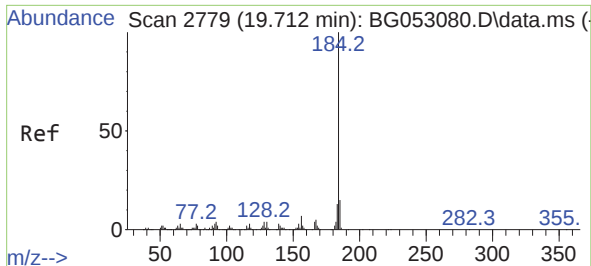


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



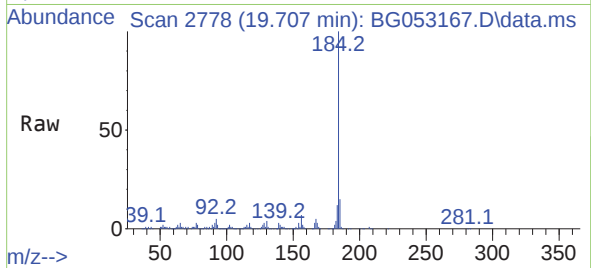
Tgt Ion:240 Resp: 227151
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.6 19.8 29.6





#77
Benzidine
Concen: 59.068 ng
RT: 19.707 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

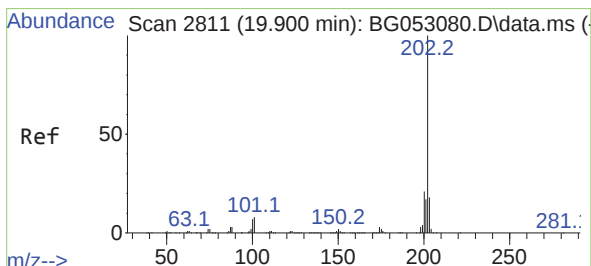
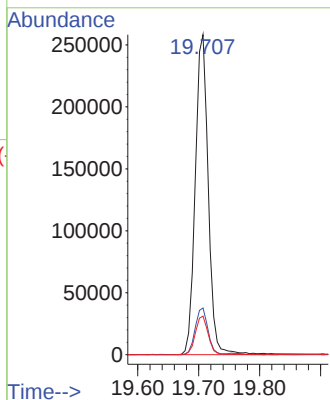
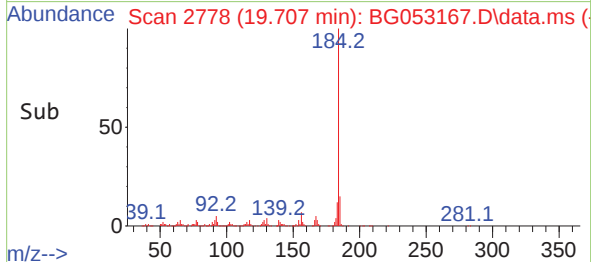
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:184 Resp: 382810
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.1 9.4 14.2

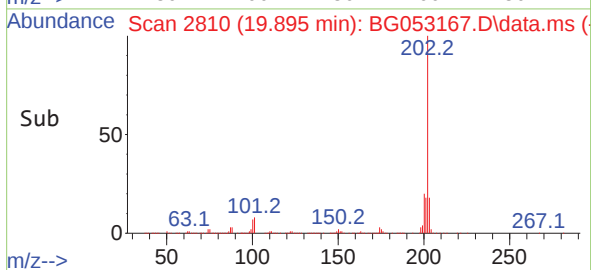
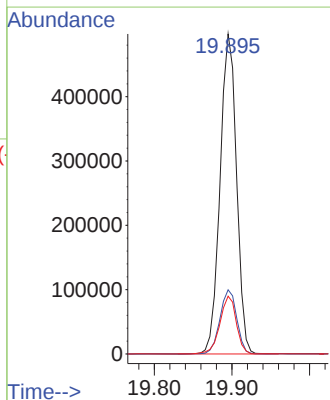
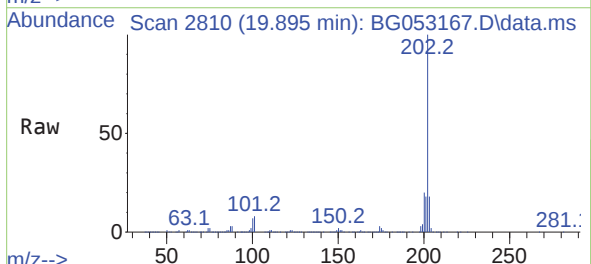
Manual Integrations
APPROVED

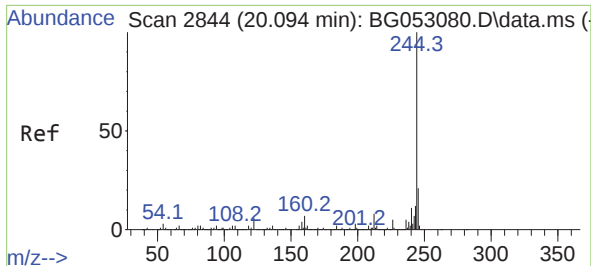
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#78
Pyrene
Concen: 45.505 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

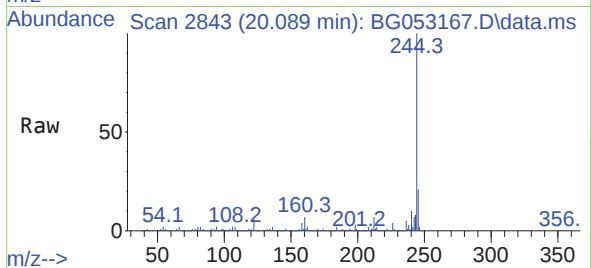
Tgt Ion:202 Resp: 736165
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 18.1 15.0 22.6





#79
Terphenyl-d14
Concen: 65.340 ng
RT: 20.089 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

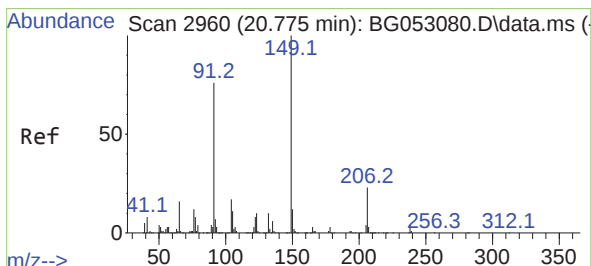
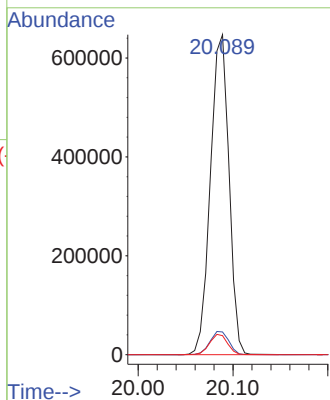
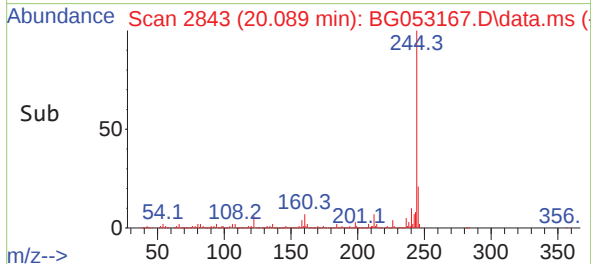
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



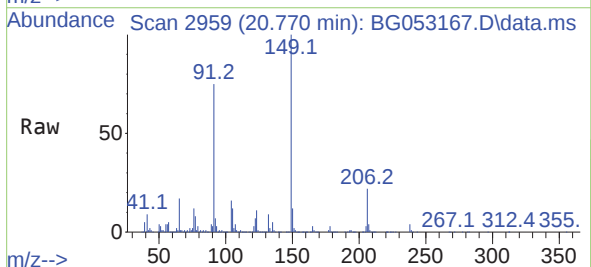
Tgt Ion:244 Resp: 87880
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 6.0 5.8 8.6

Manual Integrations
APPROVED

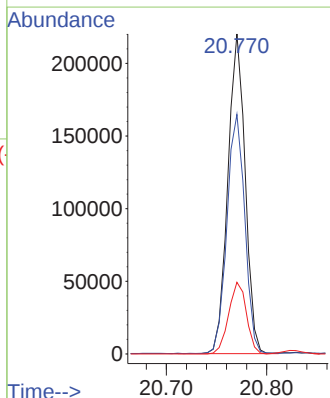
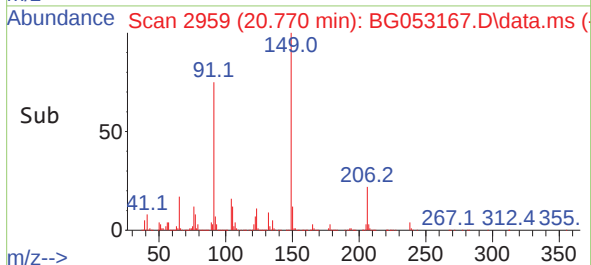
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

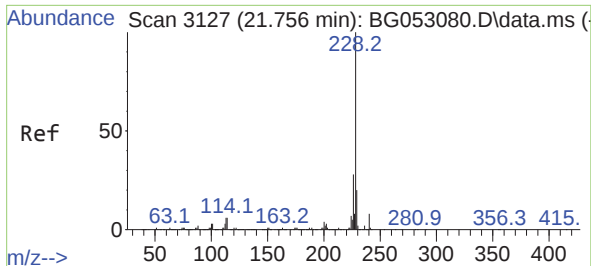


#80
Butylbenzylphthalate
Concen: 43.734 ng
RT: 20.770 min Scan# 2959
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



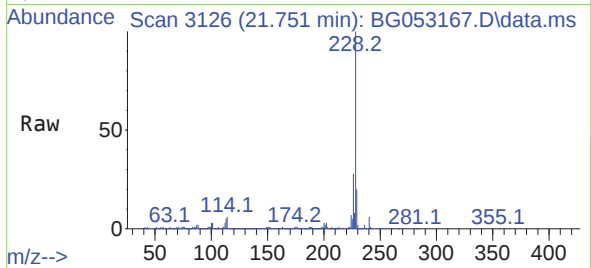
Tgt Ion:149 Resp: 263773
Ion Ratio Lower Upper
149 100
91 74.8 60.2 90.4
206 22.4 19.4 29.2





#81
Benzo(a)anthracene
Concen: 44.923 ng
RT: 21.751 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

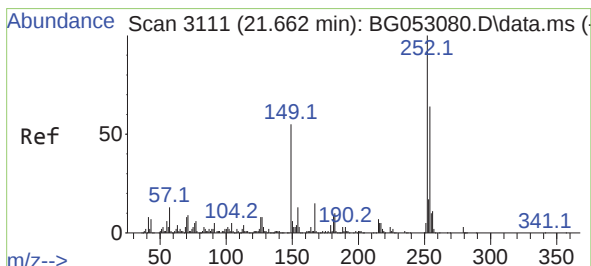
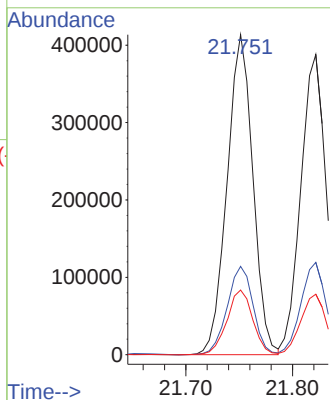
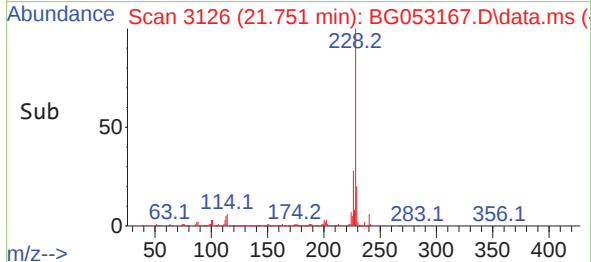
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:228 Resp: 697690
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.2 16.7 25.1

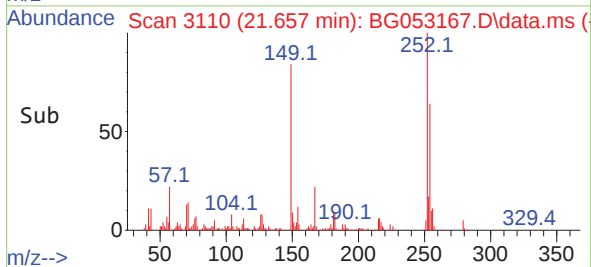
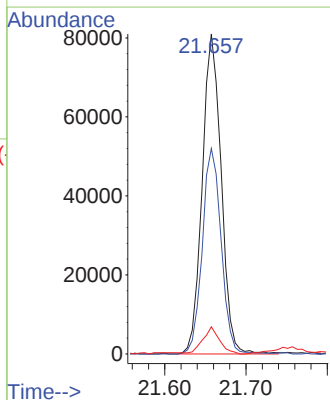
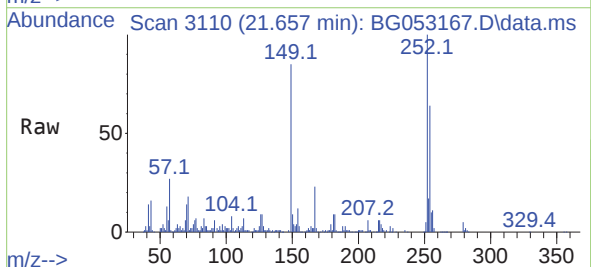
Manual Integrations
APPROVED

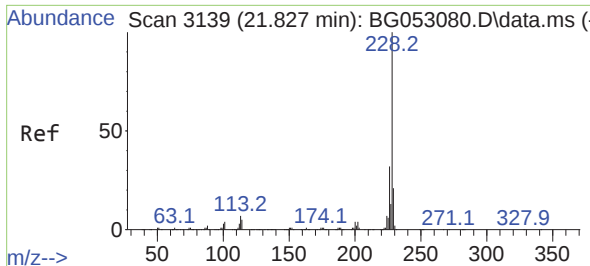
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 23.041 ng
RT: 21.657 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

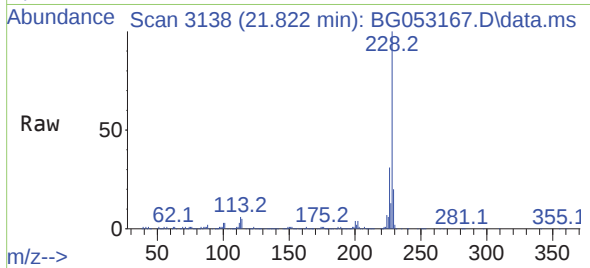
Tgt Ion:252 Resp: 131604
Ion Ratio Lower Upper
252 100
254 64.2 51.2 76.8
126 8.5 5.8 8.8





#83
Chrysene
Concen: 44.246 ng
RT: 21.822 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

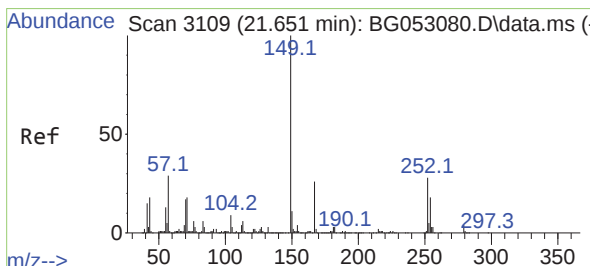
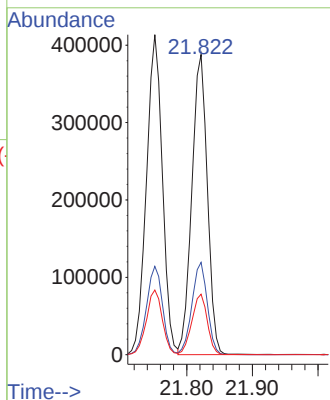
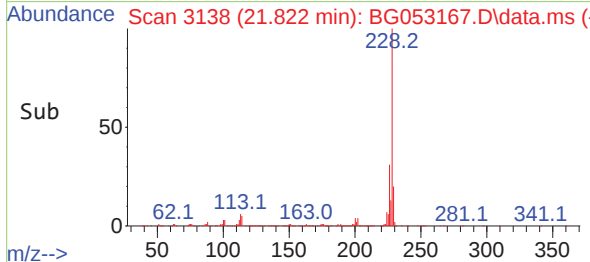
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



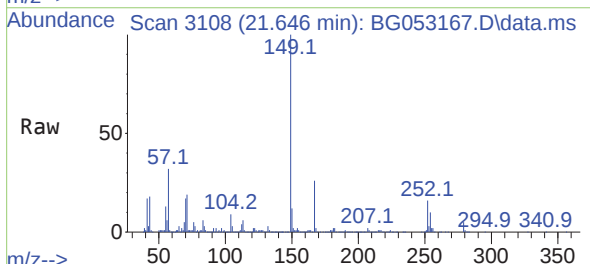
Tgt Ion:228 Resp: 637750
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.1 16.3 24.5

Manual Integrations
APPROVED

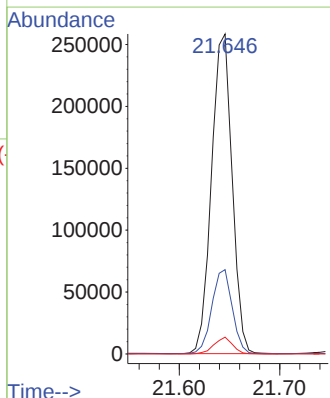
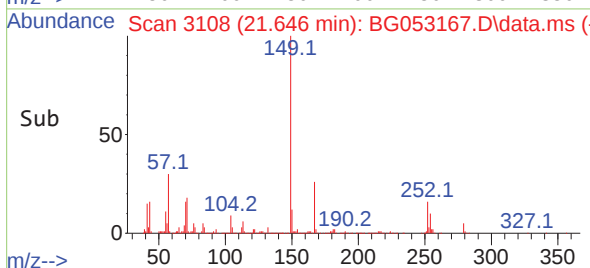
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

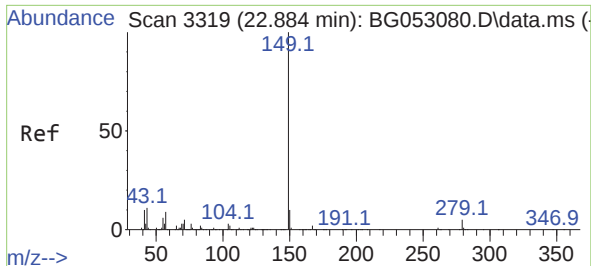


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.156 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



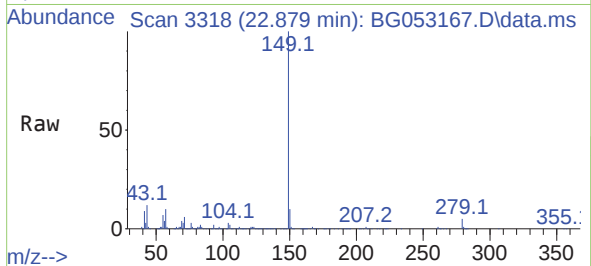
Tgt Ion:149 Resp: 368135
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 5.3 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 45.783 ng
RT: 22.879 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

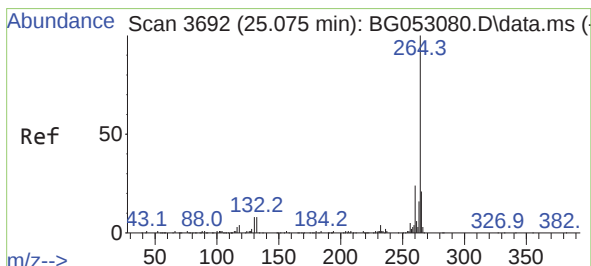
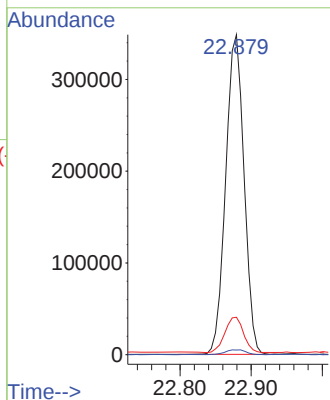
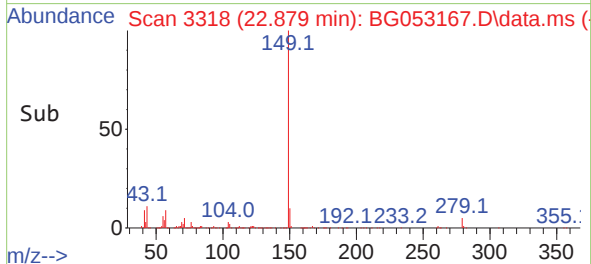
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:149 Resp: 624244
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 11.3 7.6 11.4

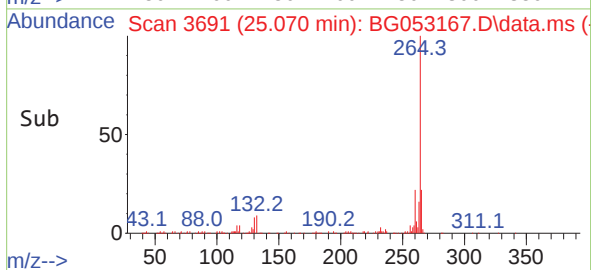
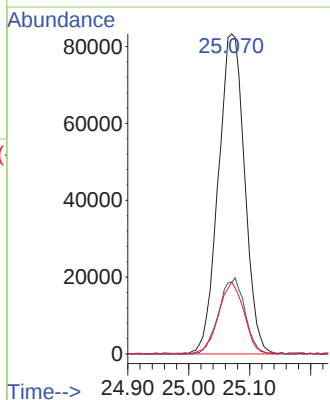
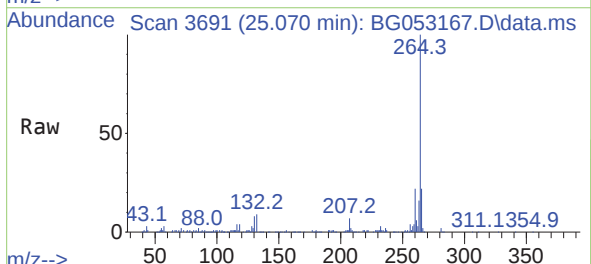
Manual Integrations
APPROVED

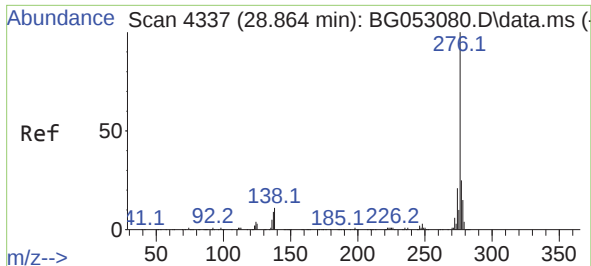
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3691
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

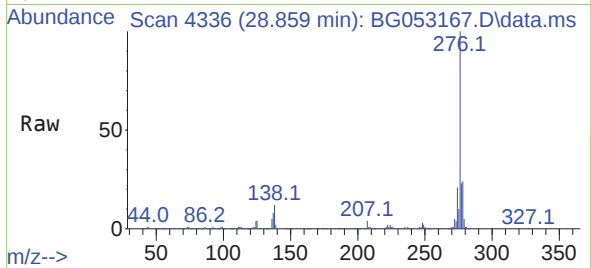
Tgt Ion:264 Resp: 249380
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.2
265 22.5 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.587 ng
RT: 28.859 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

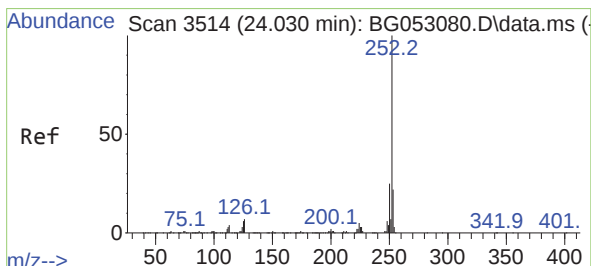
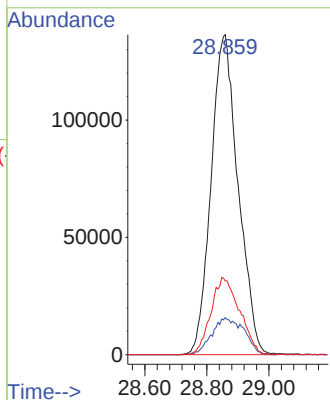
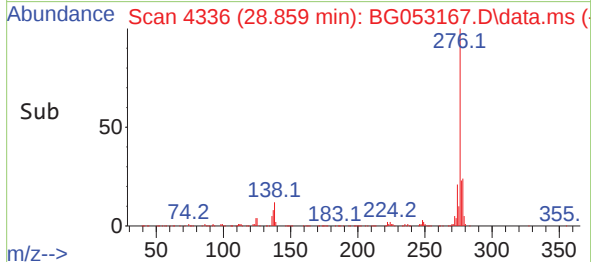
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



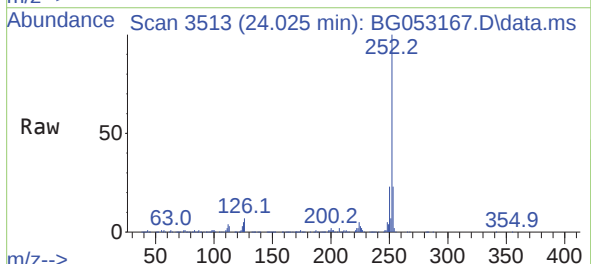
Tgt Ion: 276 Resp: 82609
Ion Ratio Lower Upper
276 100
138 10.2 8.7 13.1
277 25.6 20.2 30.4

Manual Integrations
APPROVED

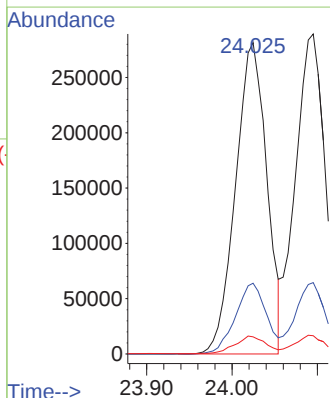
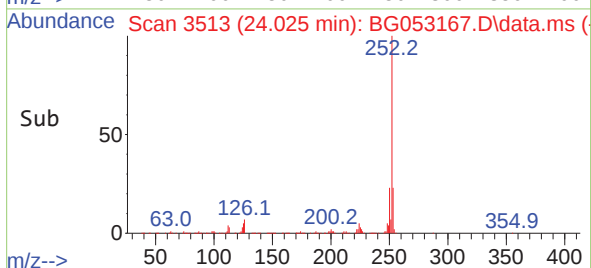
Reviewed By : Christian Giraldo 04/18/2022
Supervised By : Jagrut Upadhyay 04/18/2022

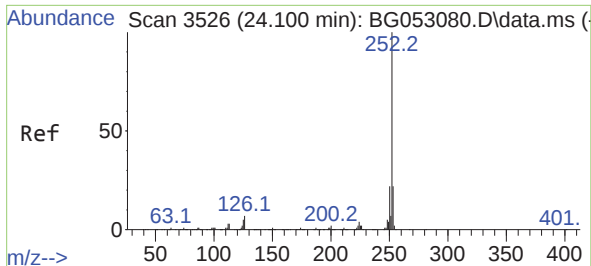


#88
Benzo(b)fluoranthene
Concen: 45.489 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



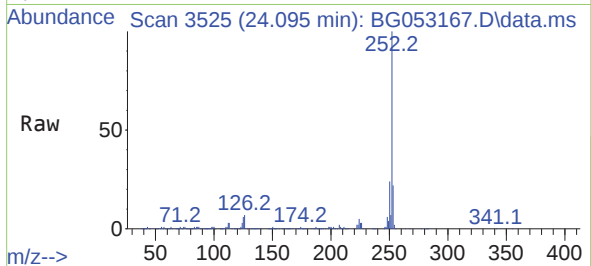
Tgt Ion: 252 Resp: 715746
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 5.5 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 45.362 ng
RT: 24.095 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

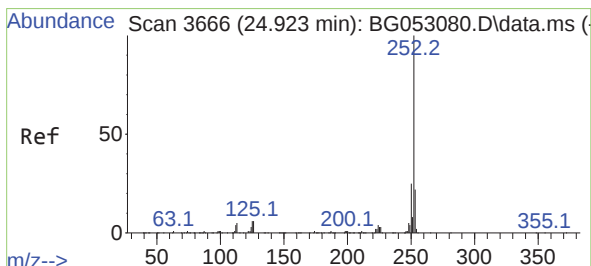
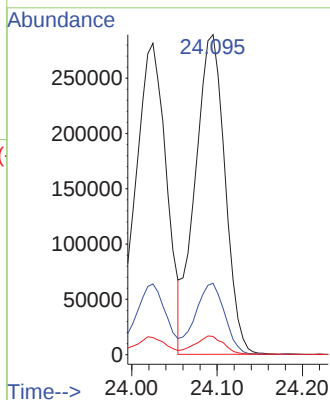
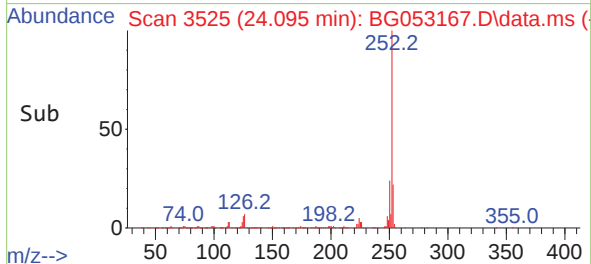
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



Tgt Ion:252 Resp: 701470
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.7 5.0 7.4

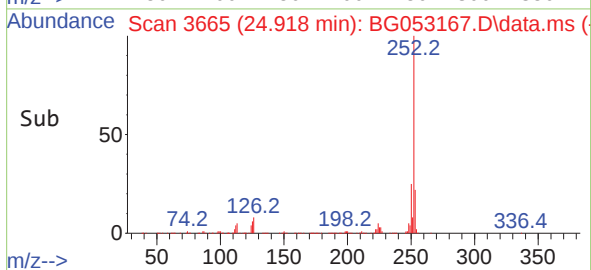
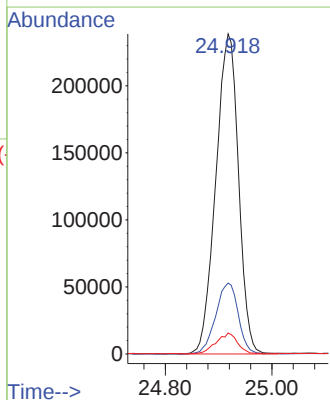
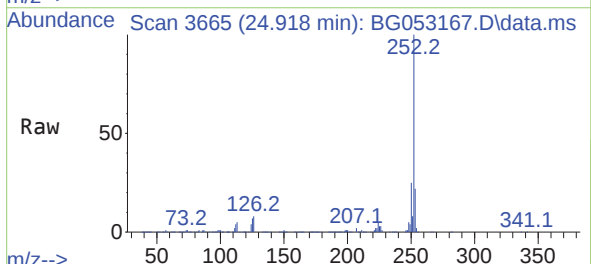
Manual Integrations
APPROVED

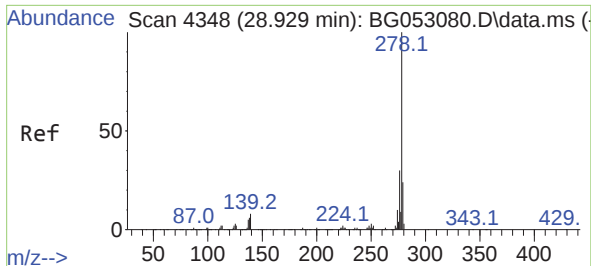
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#90
Benzo(a)pyrene
Concen: 52.499 ng
RT: 24.918 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

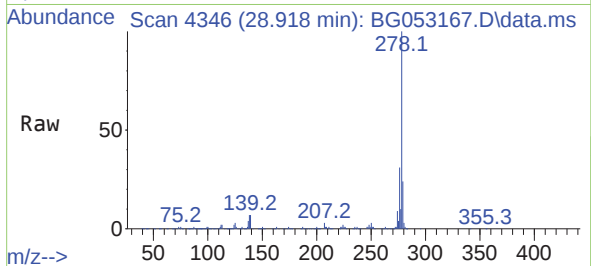
Tgt Ion:252 Resp: 703716
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.6 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.725 ng
RT: 28.918 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43

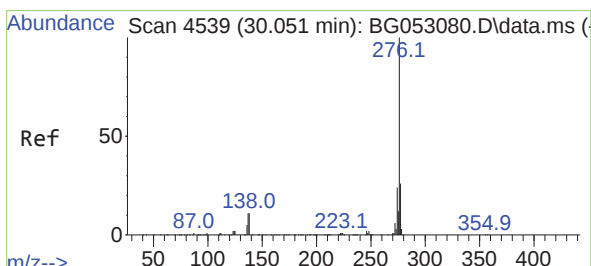
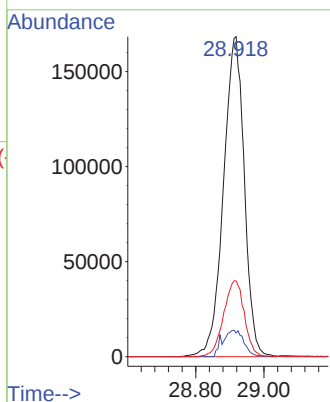
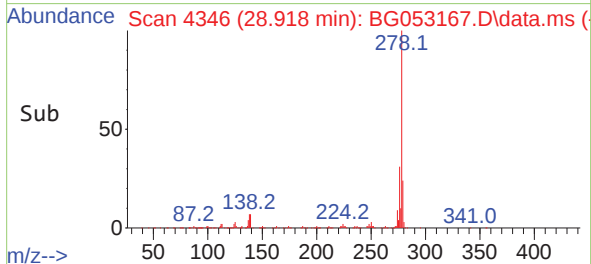
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10MSD



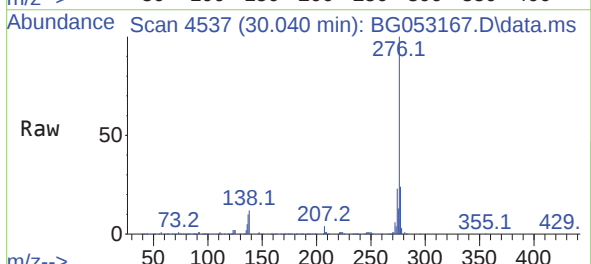
Tgt Ion:278 Resp: 712520
Ion Ratio Lower Upper
278 100
139 7.5 7.8 11.6
279 23.7 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#92
Benzo(g,h,i)perylene
Concen: 47.689 ng
RT: 30.040 min Scan# 4537
Delta R.T. -0.011 min
Lab File: BG053167.D
Acq: 15 Apr 2022 16:43



Tgt Ion:276 Resp: 716763
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 11.7 9.1 13.7

