

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053629.D
 Acq On : 19 May 2022 16:54
 Operator : CG/JU
 Sample : N2865-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P018-SS001-0006-01MSD

Quant Time: May 20 03:57:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	22948	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	99582	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	80569	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	192979	20.000	ng	0.00
76) Chrysene-d12	21.728	240	178233	20.000	ng	0.00
86) Perylene-d12	25.006	264	189761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	163921	121.229	ng	0.00
7) Phenol-d6	7.242	99	248364	121.028	ng	0.00
23) Nitrobenzene-d5	9.239	82	171393	73.266	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	133716	112.527	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	339826	61.634	ng	0.00
79) Terphenyl-d14	20.048	244	655628	68.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	26205	36.937	ng	95
3) Pyridine	3.917	79	62642m	36.155	ng	
4) n-Nitrosodimethylamine	3.829	42	41698	49.405	ng	94
6) Aniline	7.395	93	116364	51.197	ng	98
8) 2-Chlorophenol	7.641	128	77083	54.531	ng	98
9) Benzaldehyde	7.207	77	62513m	47.951	ng	
10) Phenol	7.265	94	107889	53.756	ng	97
11) bis(2-Chloroethyl)ether	7.489	93	72419	48.381	ng	97
12) 1,3-Dichlorobenzene	7.964	146	80077	48.020	ng	94
13) 1,4-Dichlorobenzene	8.111	146	81470	48.414	ng	97
14) 1,2-Dichlorobenzene	8.428	146	78127	49.441	ng	97
15) Benzyl Alcohol	8.311	79	87478	50.988	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.599	45	116883	47.977	ng	98
17) 2-Methylphenol	8.522	107	72515	53.456	ng	96
18) Hexachloroethane	9.157	117	30751	48.121	ng	97
19) n-Nitroso-di-n-propyla...	8.875	70	70893	48.149	ng	98
20) 3+4-Methylphenols	8.851	107	101191	52.818	ng	99
22) Acetophenone	8.898	105	125901	46.195	ng	97
24) Nitrobenzene	9.280	77	109691	48.446	ng	99
25) Isophorone	9.803	82	198866	50.512	ng	99
26) 2-Nitrophenol	9.997	139	45679	49.812	ng	95
27) 2,4-Dimethylphenol	10.056	122	80030	57.989	ng	98
28) bis(2-Chloroethoxy)met...	10.279	93	106014	46.820	ng	97
29) 2,4-Dichlorophenol	10.537	162	88218	52.964	ng	93
30) 1,2,4-Trichlorobenzene	10.749	180	89439	47.261	ng	96
31) Naphthalene	10.937	128	240061	47.392	ng	99
32) Benzoic acid	10.226	122	39718m	46.387	ng	
33) 4-Chloroaniline	11.048	127	60500	28.519	ng	97
34) Hexachlorobutadiene	11.219	225	64396	45.889	ng	94
35) Caprolactam	11.818	113	30884m	51.024	ng	
36) 4-Chloro-3-methylphenol	12.170	107	101841	51.115	ng	95
37) 2-Methylnaphthalene	12.535	142	177369	46.920	ng	99
38) 1-Methylnaphthalene	12.752	142	173687m	47.092	ng	
40) 1,2,4,5-Tetrachloroben...	12.905	216	117784	46.378	ng	99
41) Hexachlorocyclopentadiene	12.881	237	120141	112.148	ng	97
43) 2,4,6-Trichlorophenol	13.146	196	81764	49.322	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	87905	49.823	ng	98
46) 1,1'-Biphenyl	13.533	154	256579	46.720	ng	99
47) 2-Chloronaphthalene	13.586	162	199128	46.279	ng	98
48) 2-Nitroaniline	13.786	65	79077	49.322	ng	99
49) Acenaphthylene	14.426	152	340269	49.558	ng	99
50) Dimethylphthalate	14.150	163	280957	45.889	ng	99
51) 2,6-Dinitrotoluene	14.273	165	60961	48.873	ng	98
52) Acenaphthene	14.767	154	191749	46.861	ng	98
53) 3-Nitroaniline	14.608	138	48184	35.752	ng	97
54) 2,4-Dinitrophenol	14.820	184	70326	88.132	ng	94
55) Dibenzofuran	15.102	168	333969	45.440	ng	99
56) 4-Nitrophenol	14.931	139	96039	99.768	ng	89
57) 2,4-Dinitrotoluene	15.067	165	90241	49.911	ng	89
58) Fluorene	15.748	166	275661	46.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.331	232	88403	49.384	ng	98
60) Diethylphthalate	15.507	149	288192	45.569	ng	99
61) 4-Chlorophenyl-phenyle...	15.736	204	153183	46.543	ng	98
62) 4-Nitroaniline	15.771	138	64135	45.880	ng	98
63) Azobenzene	16.030	77	294458	45.468	ng	99
65) 4,6-Dinitro-2-methylph...	15.836	198	54839	47.690	ng	99
66) n-Nitrosodiphenylamine	15.954	169	247488	48.846	ng	99
67) 4-Bromophenyl-phenylether	16.629	248	110616	49.080	ng	94
68) Hexachlorobenzene	16.758	284	119666	48.481	ng	98
69) Atrazine	16.893	200	105263	49.350	ng	96
70) Pentachlorophenol	17.105	266	124373	92.777	ng	94
71) Phenanthrene	17.493	178	468489	47.744	ng	98
72) Anthracene	17.581	178	475797	49.331	ng	98
73) Carbazole	17.851	167	429075	45.392	ng	99
74) Di-n-butylphthalate	18.397	149	499722	47.006	ng	99
75) Fluoranthene	19.502	202	581949	45.803	ng	99
77) Benzidine	19.672	184	376799	98.084	ng	99
78) Pyrene	19.860	202	575900	49.914	ng	99
80) Butylbenzylphthalate	20.735	149	209131	49.430	ng	98
81) Benzo(a)anthracene	21.710	228	557421	49.034	ng	98
82) 3,3'-Dichlorobenzidine	21.616	252	129723	44.999	ng	98
83) Chrysene	21.775	228	504341	47.502	ng	97
84) Bis(2-ethylhexyl)phtha...	21.599	149	298179	51.061	ng	97
85) Di-n-octyl phthalate	22.821	149	504244	51.064	ng	100
87) Indeno(1,2,3-cd)pyrene	28.760	276	619299	46.858	ng	100
88) Benzo(b)fluoranthene	23.960	252	566053	50.395	ng	99
89) Benzo(k)fluoranthene	24.031	252	546056	49.473	ng	99
90) Benzo(a)pyrene	24.853	252	546129	57.125	ng	99
91) Dibenzo(a,h)anthracene	28.813	278	540552	49.636	ng	97
92) Benzo(g,h,i)perylene	29.935	276	536658	49.714	ng	97

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

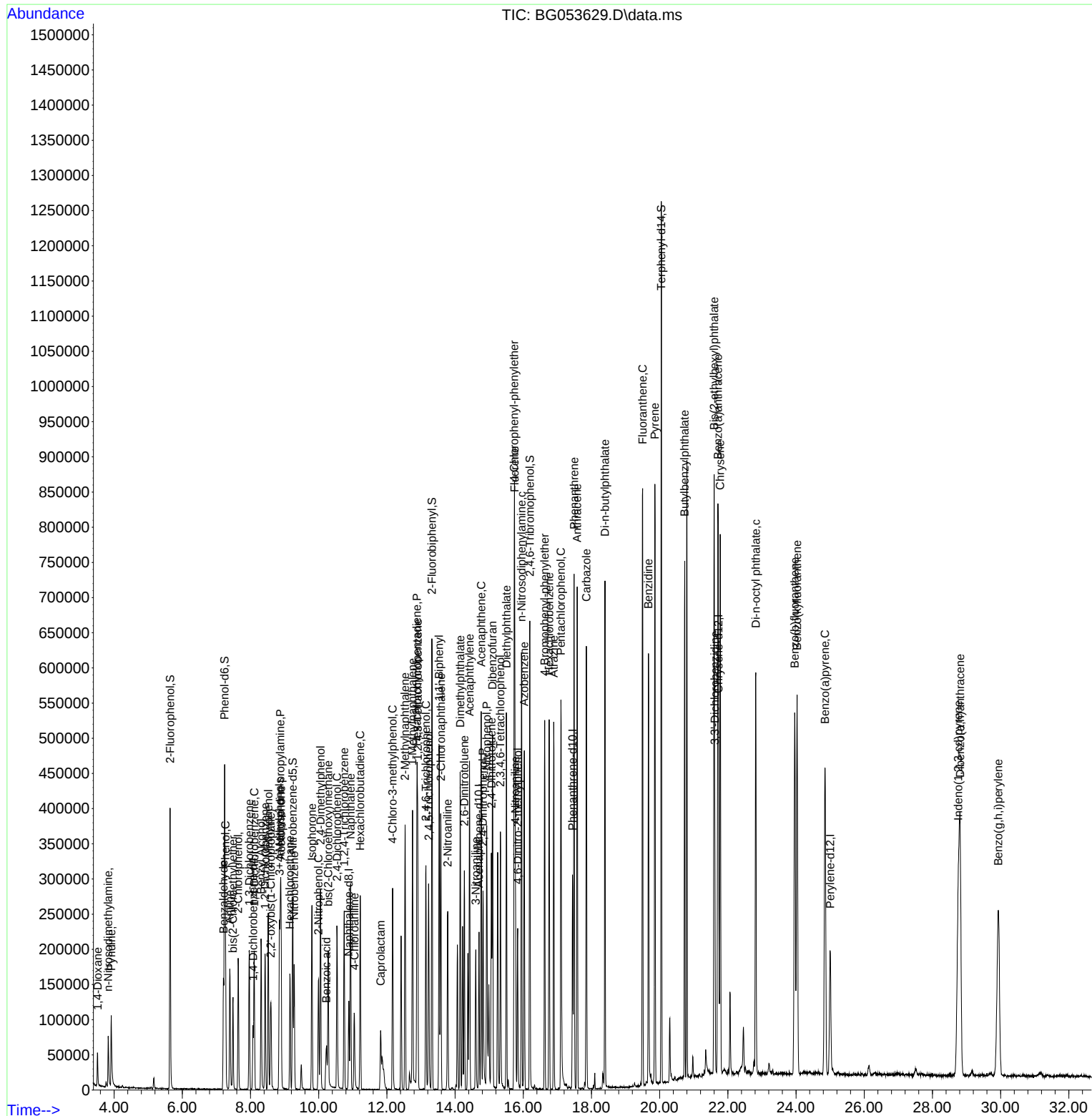
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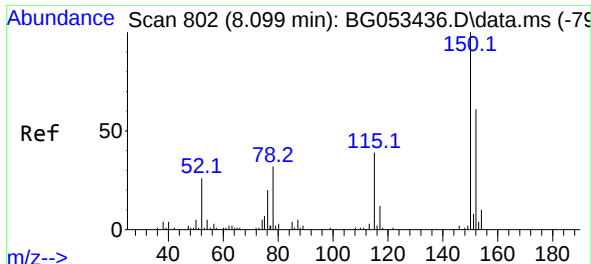
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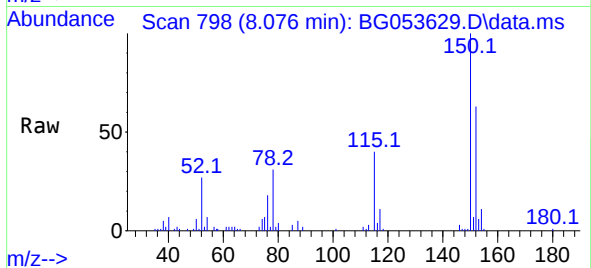
Reviewed By : Christian Giraldo 05/20/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

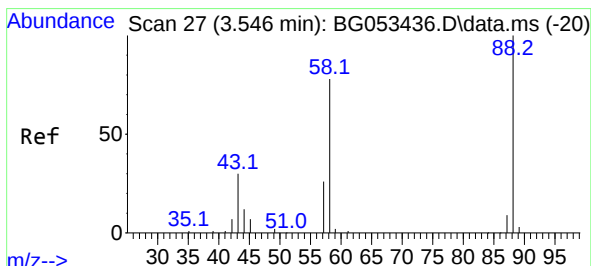
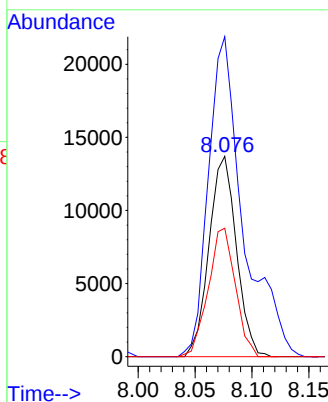
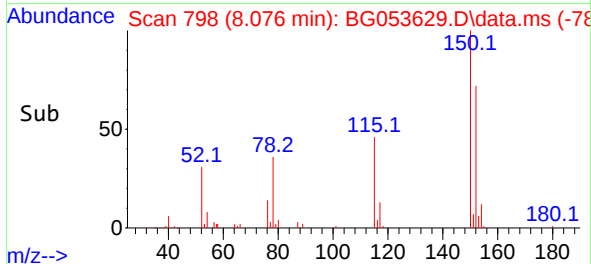
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:152 Resp: 22948
Ion Ratio Lower Upper
152 100
150 159.8 131.6 197.4
115 64.2 50.9 76.3

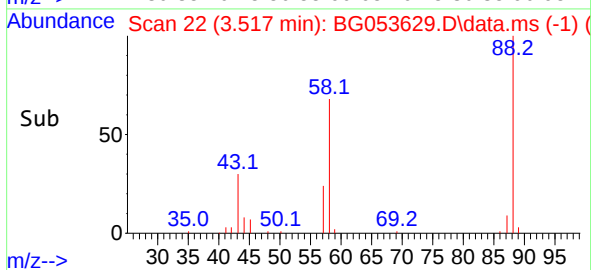
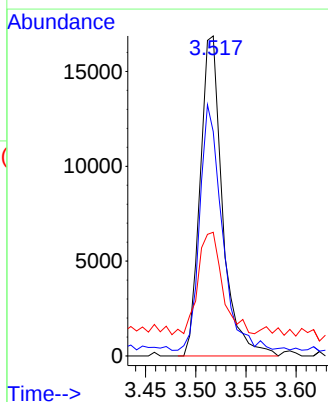
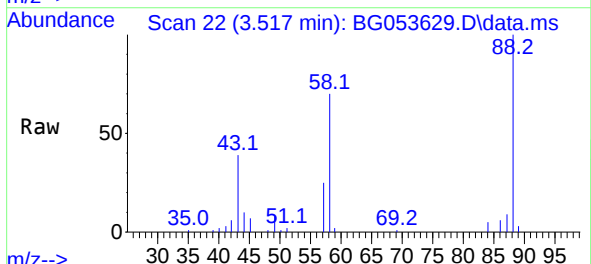
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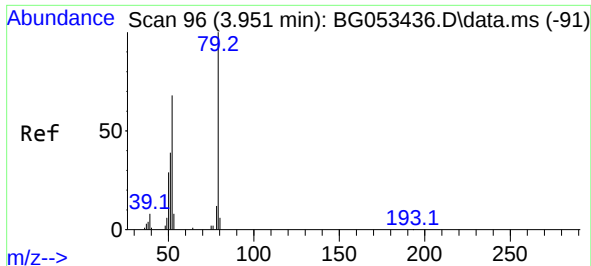
Reviewed By :Christian Giraldo 05/20/2022
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#2
1,4-Dioxane
Concen: 36.937 ng
RT: 3.517 min Scan# 22
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

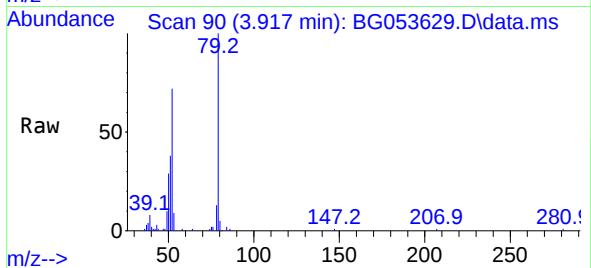
Tgt Ion: 88 Resp: 26205
Ion Ratio Lower Upper
88 100
58 76.6 59.2 88.8
43 35.3 24.3 36.5





#3
Pyridine
Concen: 36.155 ng m
RT: 3.917 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

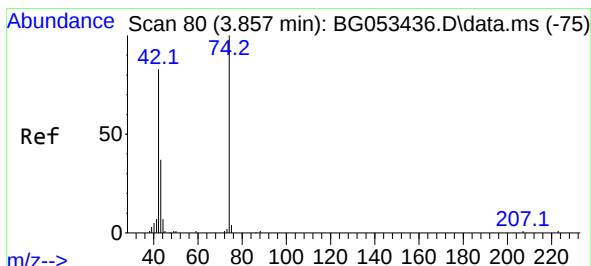
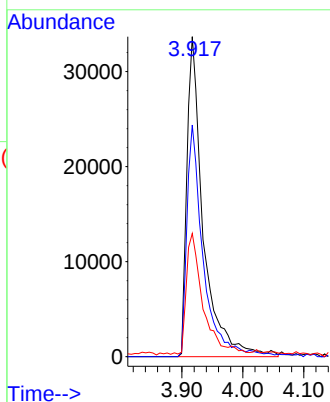
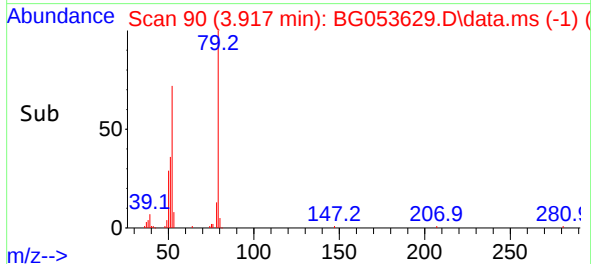
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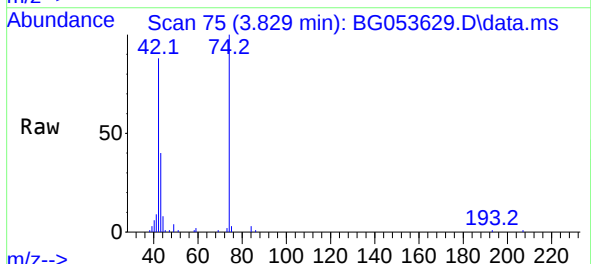
Tgt Ion: 79 Resp: 6264
Ion Ratio Lower Upper
79 100
52 72.4 54.6 81.8
51 38.5 32.5 48.7

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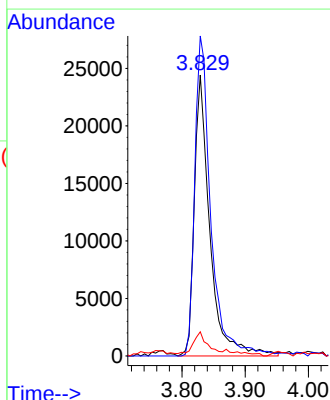
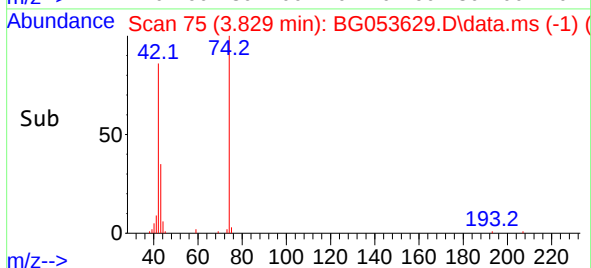
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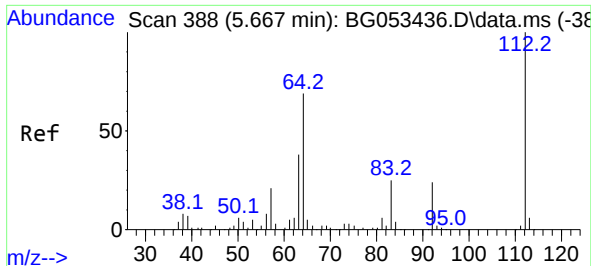


#4
n-Nitrosodimethylamine
Concen: 49.405 ng
RT: 3.829 min Scan# 75
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



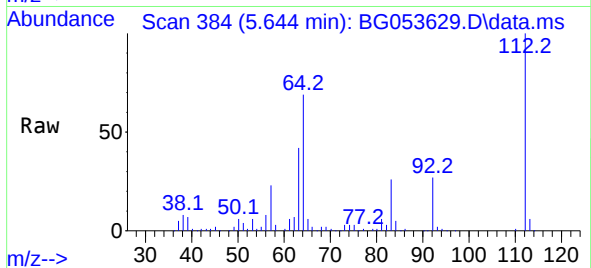
Tgt Ion: 42 Resp: 41698
Ion Ratio Lower Upper
42 100
74 113.9 97.0 145.4
44 8.6 7.0 10.4





#5
2-Fluorophenol
Concen: 121.229 ng
RT: 5.644 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

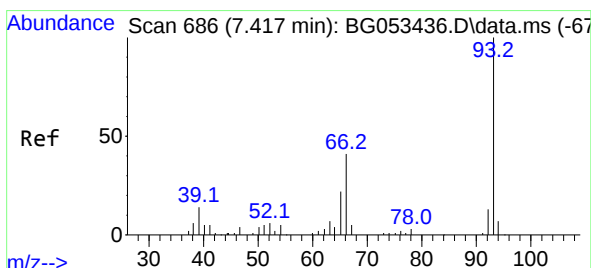
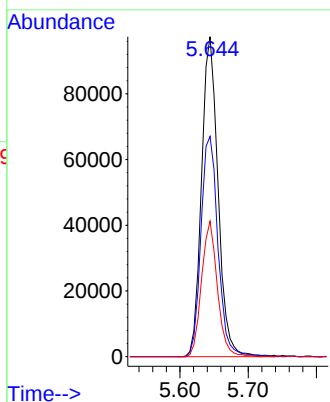
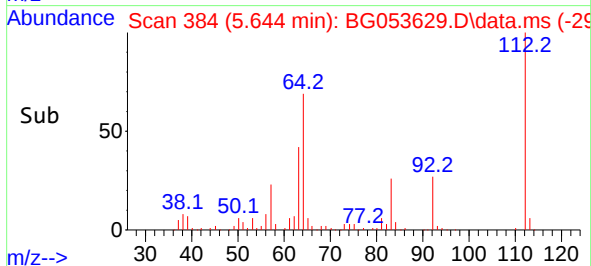
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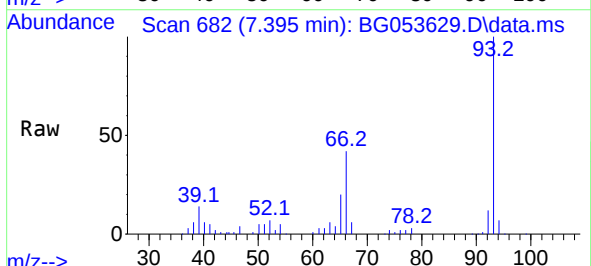
Tgt Ion:112 Resp: 16392
Ion Ratio Lower Upper
112 100
64 68.8 55.1 82.7
63 42.4 30.4 45.6

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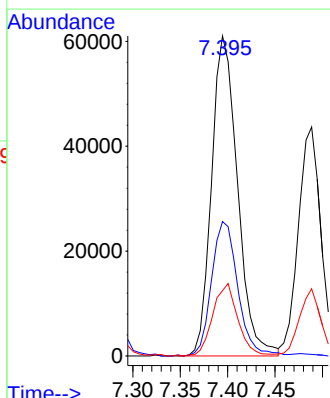
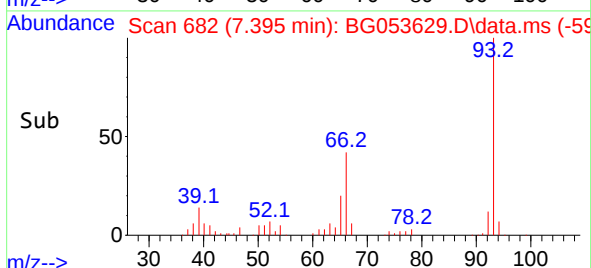
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#6
Aniline
Concen: 51.197 ng
RT: 7.395 min Scan# 682
Delta R.T. -0.005 min
Lab File: BG053629.D
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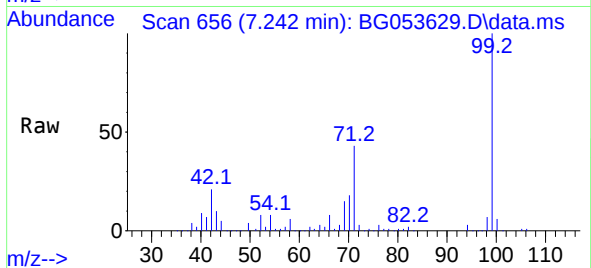
Tgt Ion: 93 Resp: 116364
Ion Ratio Lower Upper
93 100
66 42.0 32.9 49.3
65 20.4 17.8 26.8





#7
Phenol-d6
Concen: 121.028 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

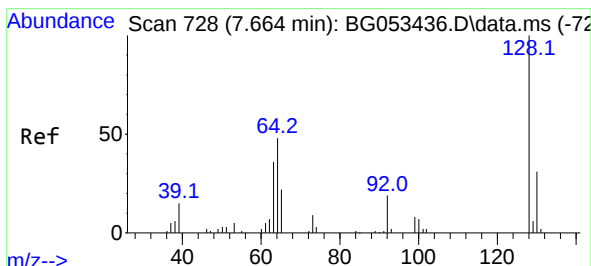
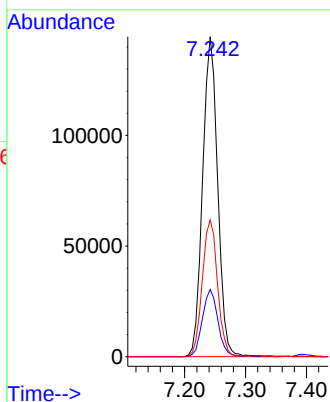
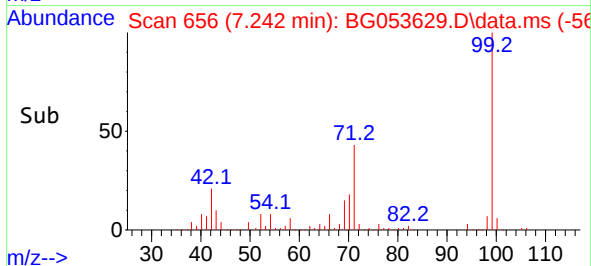
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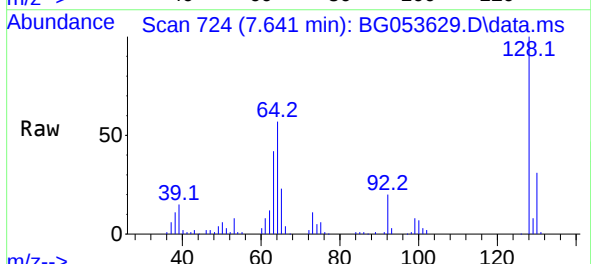
Tgt Ion: 99 Resp: 248364
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 42.7 33.8 50.8

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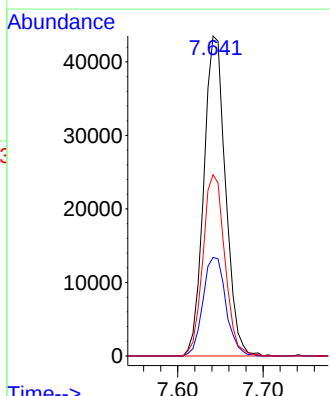
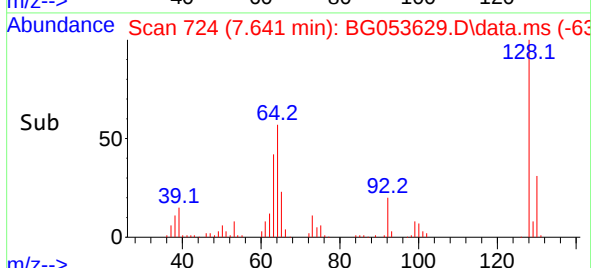
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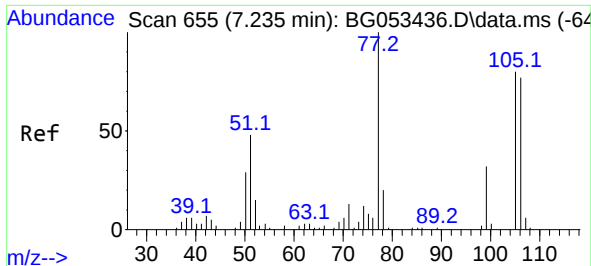


#8
2-Chlorophenol
Concen: 54.531 ng
RT: 7.641 min Scan# 724
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



Tgt Ion:128 Resp: 77083
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 56.7 35.1 75.1





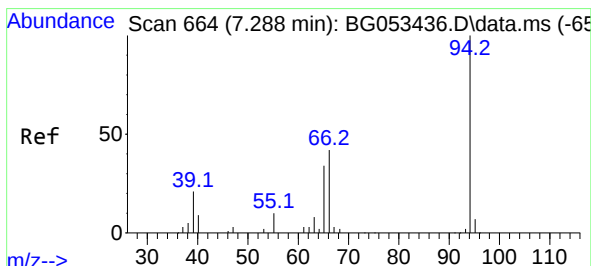
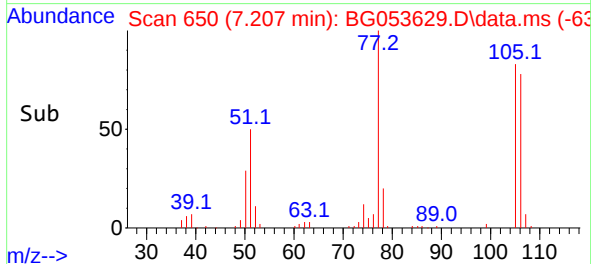
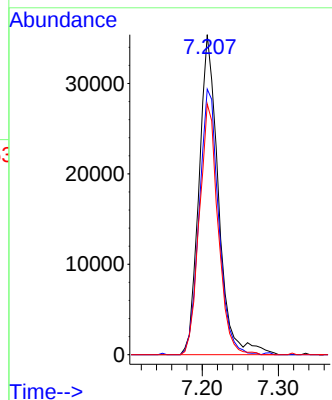
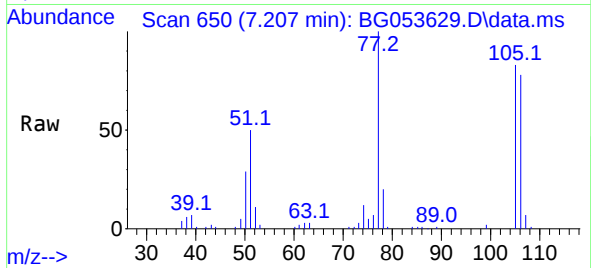
#9
Benzaldehyde
Concen: 47.951 ng m
RT: 7.207 min Scan# 61
Delta R.T. -0.005 min
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Tgt Ion: 77 Resp: 6251
Ion Ratio Lower Upper
77 100
105 83.0 59.6 99.6
106 78.4 56.8 96.8

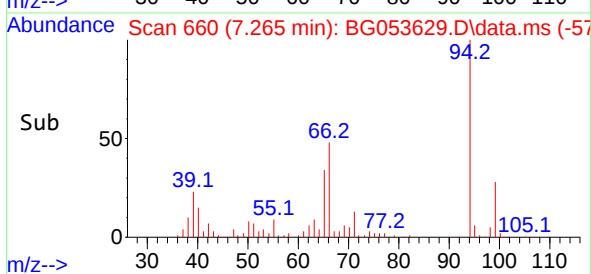
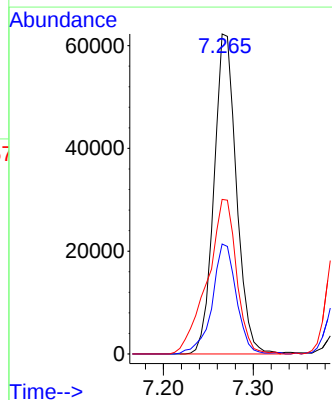
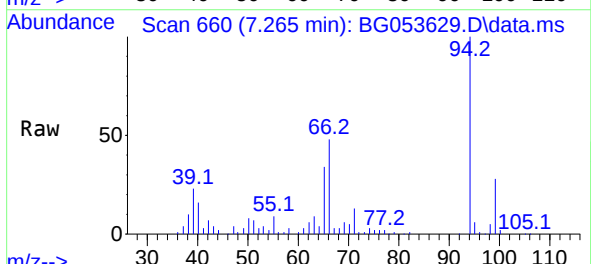
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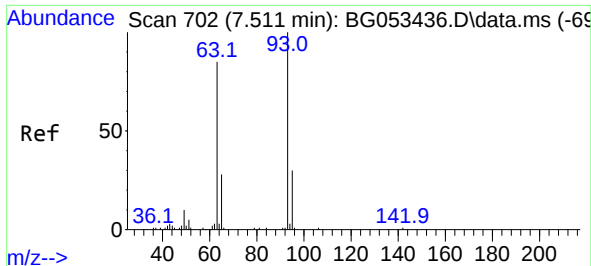
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#10
Phenol
Concen: 53.756 ng
RT: 7.265 min Scan# 660
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

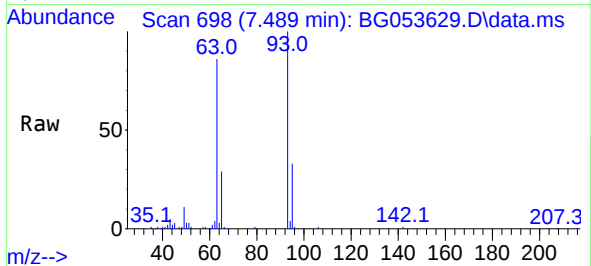
Tgt Ion: 94 Resp: 107889
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 48.3 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 48.381 ng
RT: 7.489 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

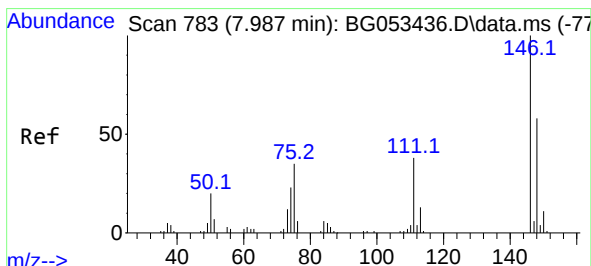
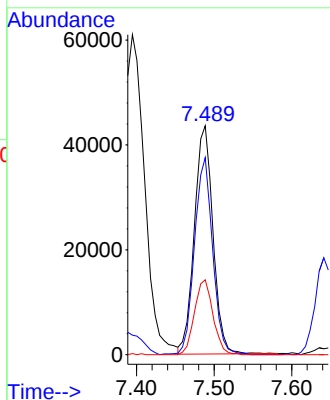
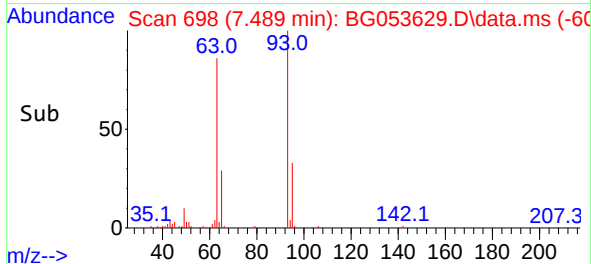
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



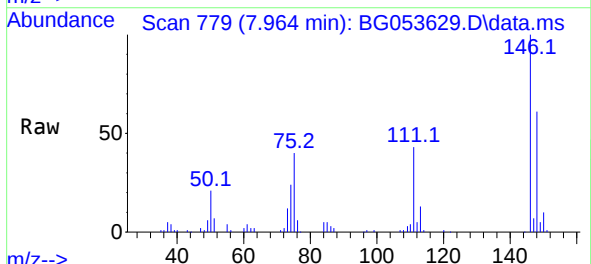
Tgt Ion: 93 Resp: 72419
Ion Ratio Lower Upper
93 100
63 86.1 63.6 103.6
95 32.7 10.1 50.1

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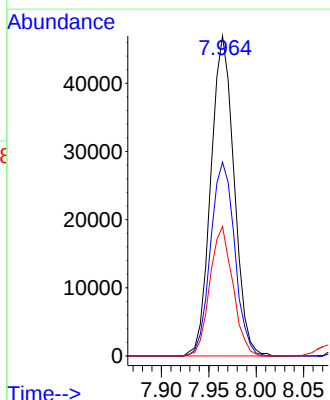
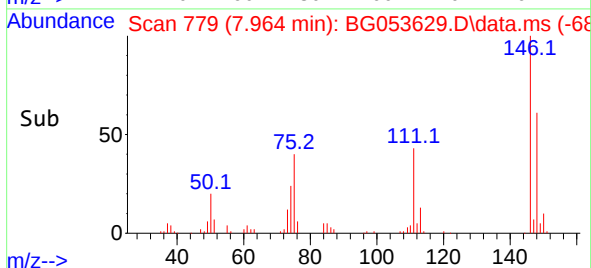
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

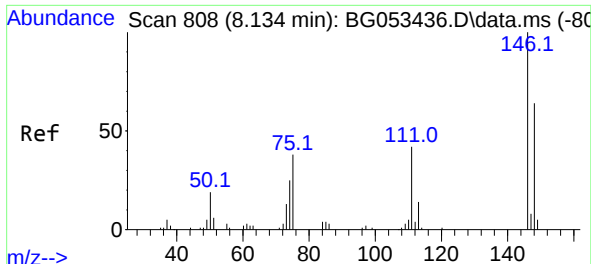


#12
1,3-Dichlorobenzene
Concen: 48.020 ng
RT: 7.964 min Scan# 779
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



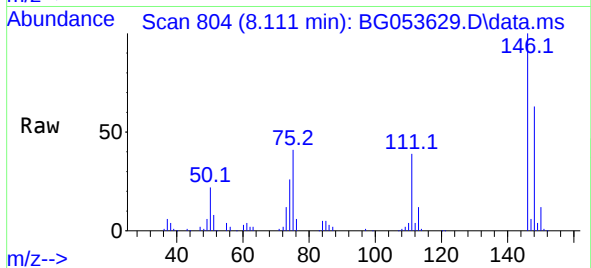
Tgt Ion:146 Resp: 80077
Ion Ratio Lower Upper
146 100
148 60.6 46.1 69.1
75 40.5 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 48.414 ng
RT: 8.111 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

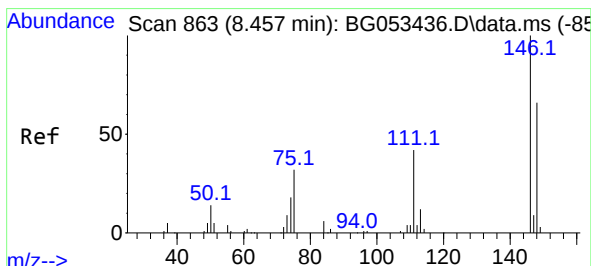
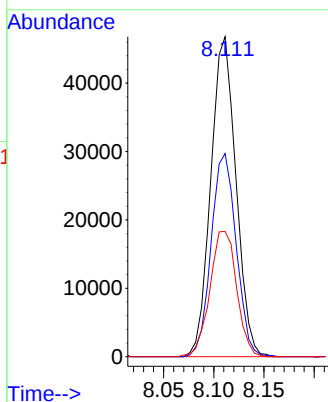
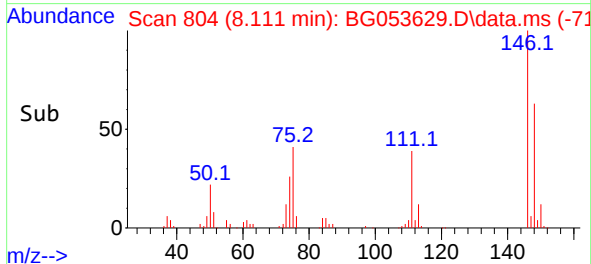
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



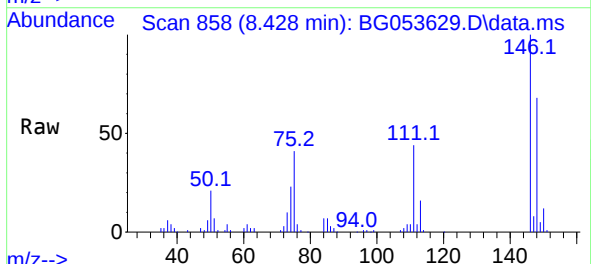
Tgt Ion:146 Resp: 81470
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 39.2 33.9 50.9

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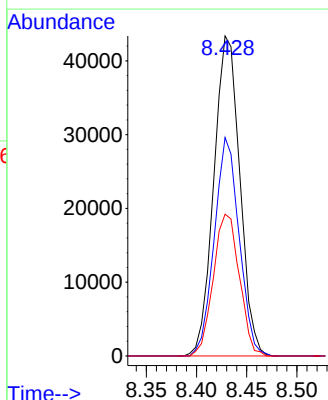
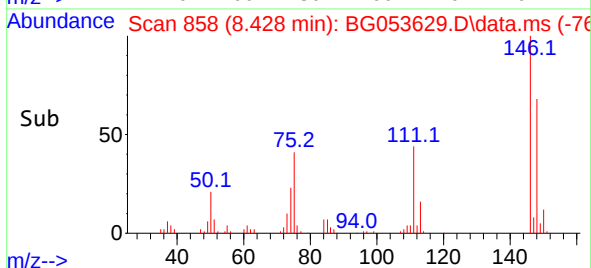
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

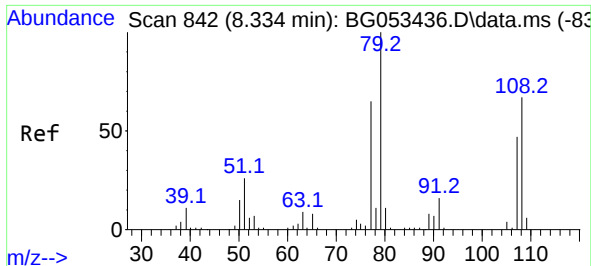


#14
1,2-Dichlorobenzene
Concen: 49.441 ng
RT: 8.428 min Scan# 858
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



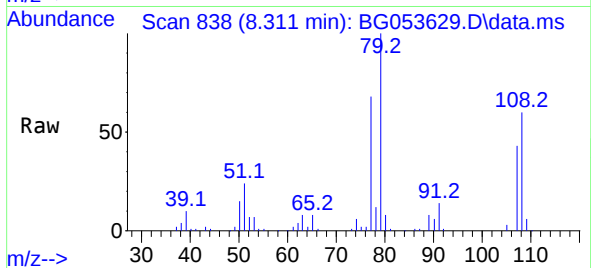
Tgt Ion:146 Resp: 78127
Ion Ratio Lower Upper
146 100
148 68.3 52.6 78.8
111 44.3 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.988 ng
RT: 8.311 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

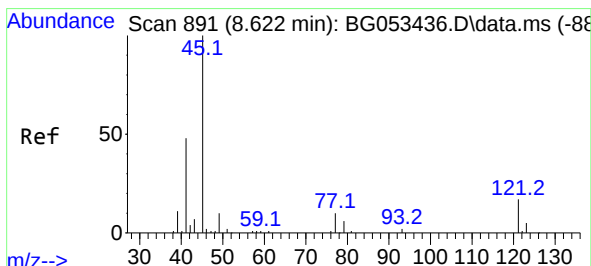
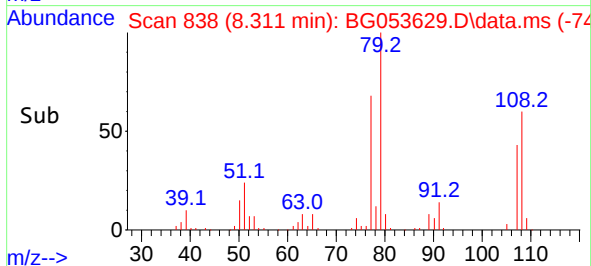
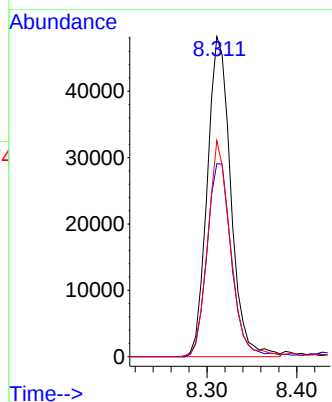
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion: 79 Resp: 87478
Ion Ratio Lower Upper
79 100
108 60.3 53.7 80.5
77 67.6 52.2 78.4

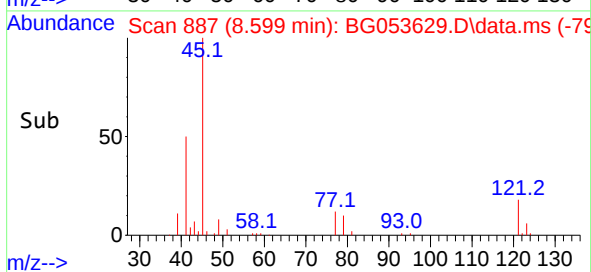
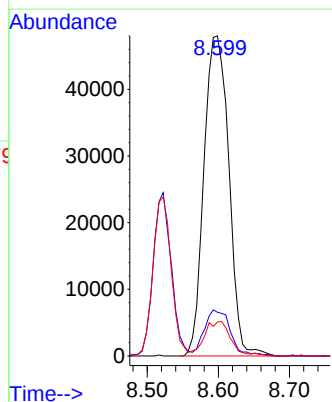
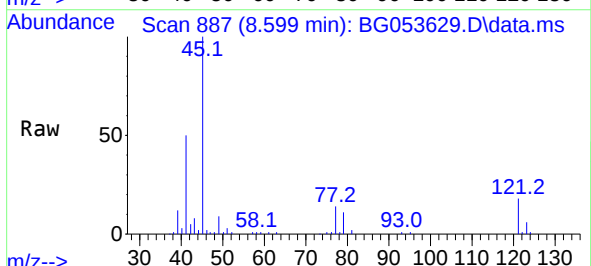
Manual Integrations
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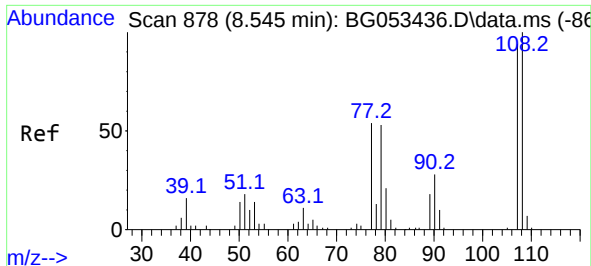
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.977 ng
RT: 8.599 min Scan# 887
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

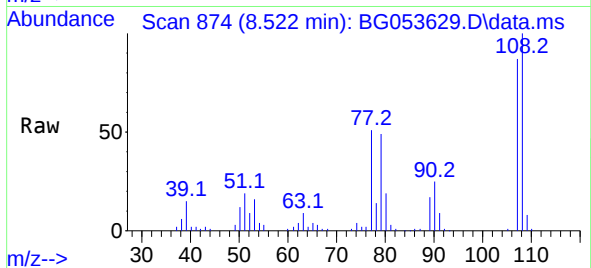
Tgt Ion: 45 Resp: 116883
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 10.6 0.0 29.7





#17
2-Methylphenol
Concen: 53.456 ng
RT: 8.522 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD

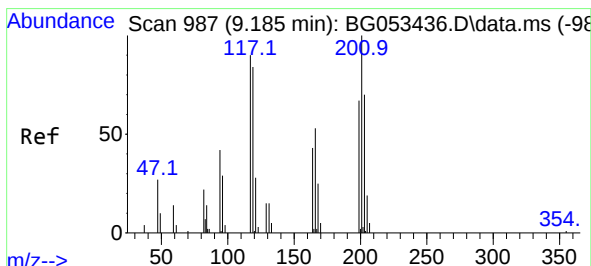
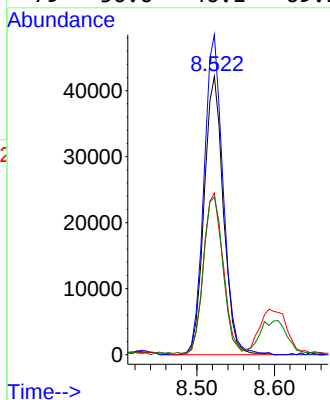
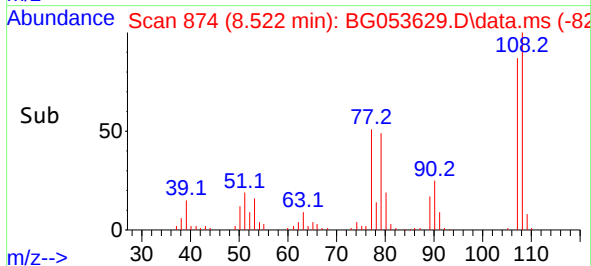


Tgt Ion:107 Resp: 7251

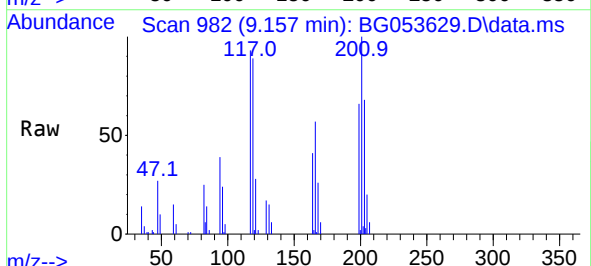
Ion	Ratio	Lower	Upper
107	100		
108	114.9	85.4	128.0
77	58.1	46.2	69.2
79	56.6	46.1	69.1

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Supervised By :Jagrut Upadhyay 05/20/2022

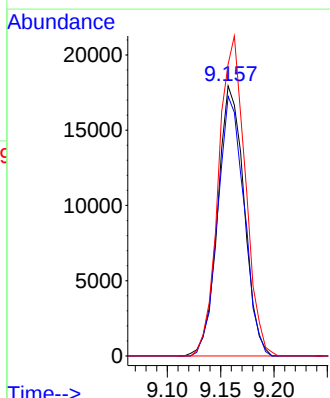
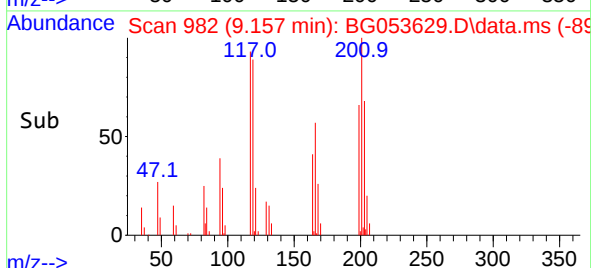


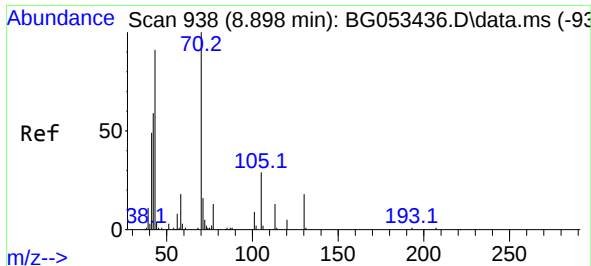
#18
Hexachloroethane
Concen: 48.121 ng
RT: 9.157 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



Tgt Ion:117 Resp: 30751

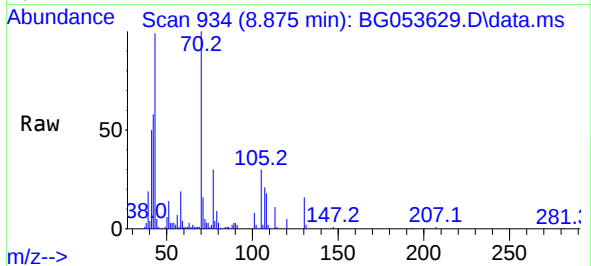
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
201	108.0	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.149 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

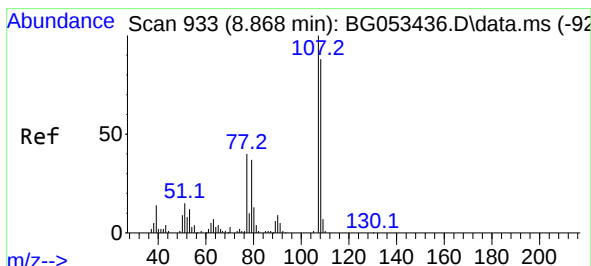
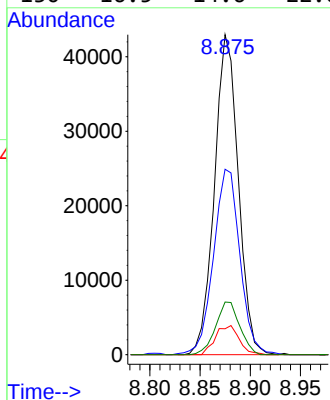
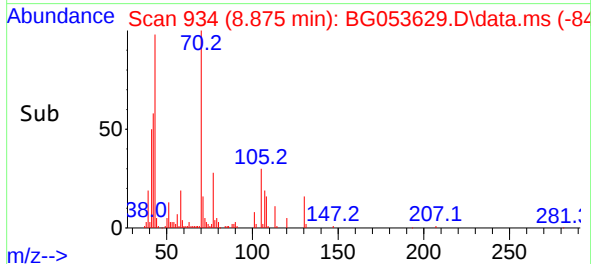
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion: 70 Resp: 7089
Ion Ratio Lower Upper
70 100
42 57.9 47.3 70.9
101 8.1 7.0 10.4
130 16.5 14.6 22.0

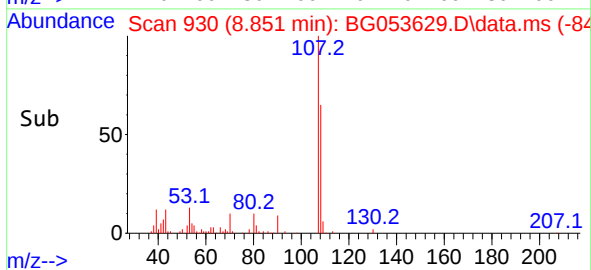
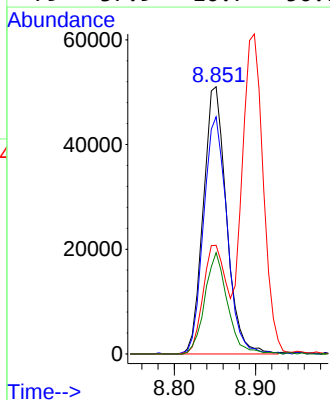
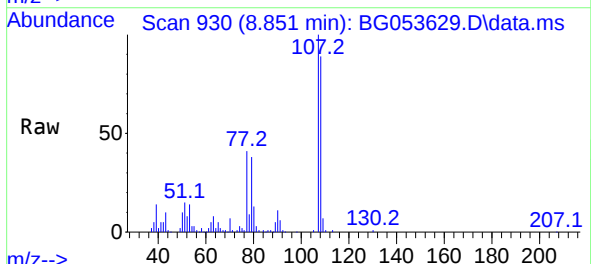
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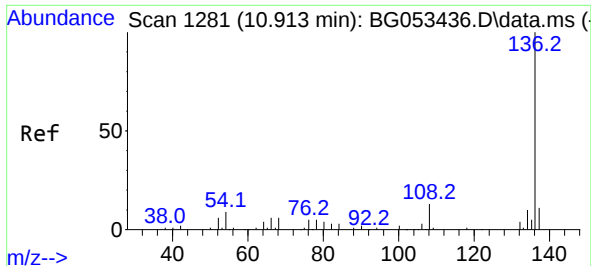
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#20
3+4-Methylphenols
Concen: 52.818 ng
RT: 8.851 min Scan# 930
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

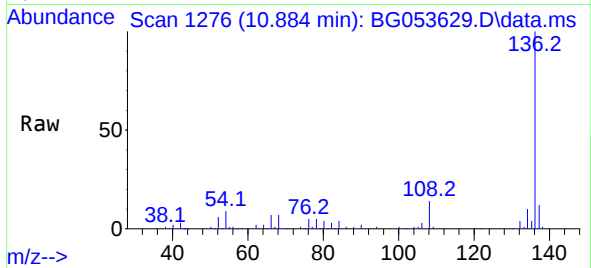
Tgt Ion:107 Resp: 101191
Ion Ratio Lower Upper
107 100
108 88.7 67.5 107.5
77 40.6 20.3 60.3
79 37.9 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

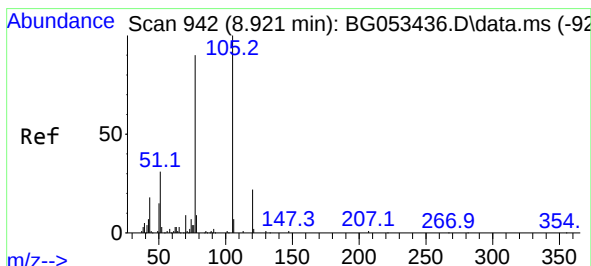
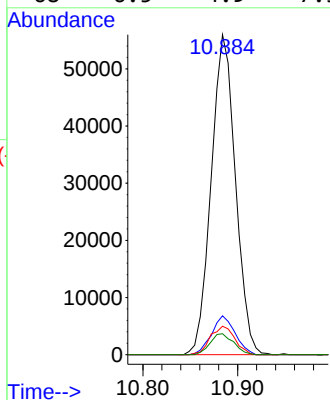
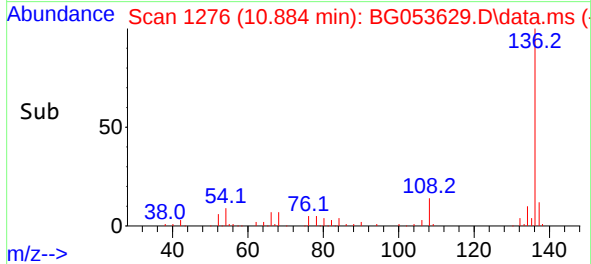
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



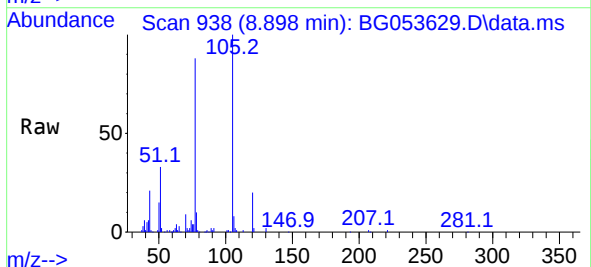
Tgt Ion:136 Resp: 9958
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 8.9 7.4 11.2
68 6.5 4.9 7.3

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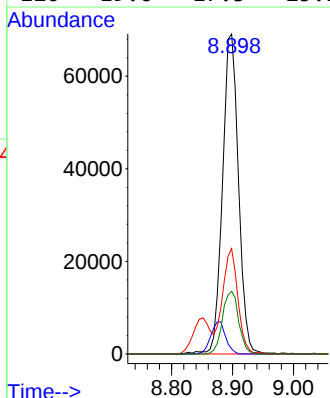
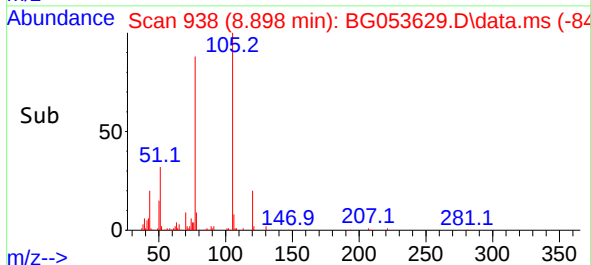
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#22
Acetophenone
Concen: 46.195 ng
RT: 8.898 min Scan# 938
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



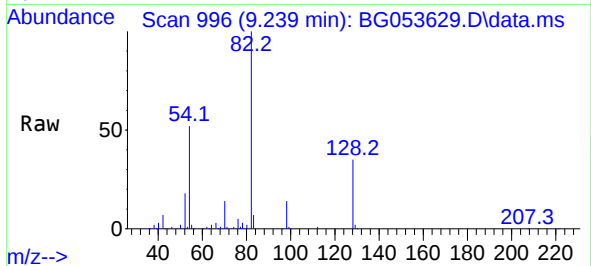
Tgt Ion:105 Resp: 125901
Ion Ratio Lower Upper
105 100
71 1.6 1.1 1.7
51 32.9 25.4 38.0
120 19.6 17.3 25.9





#23
Nitrobenzene-d5
Concen: 73.266 ng
RT: 9.239 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

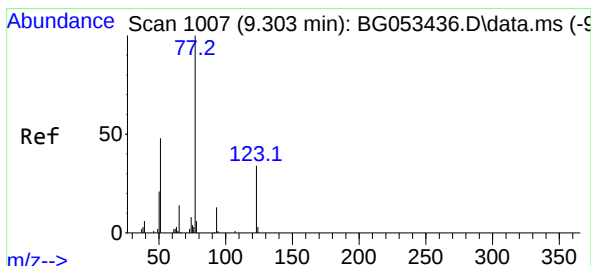
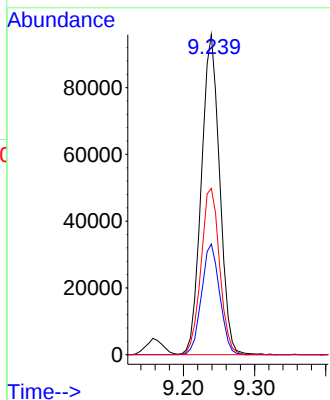
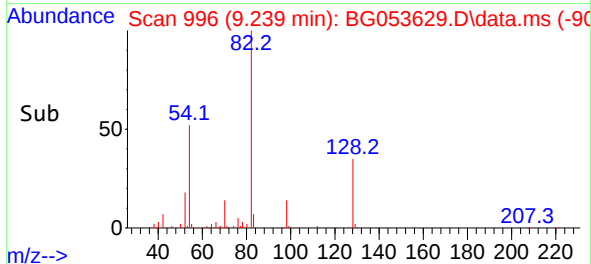
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



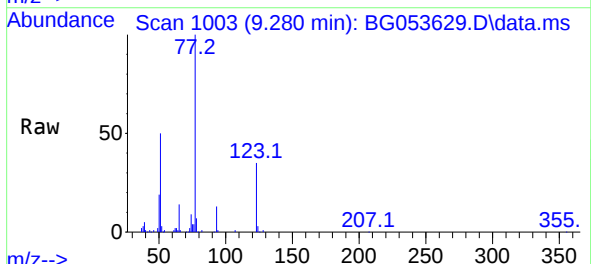
Tgt Ion: 82 Resp: 17139
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 51.9 41.2 61.8

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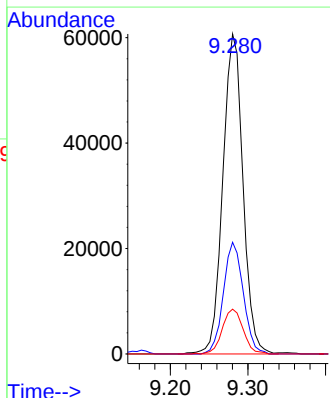
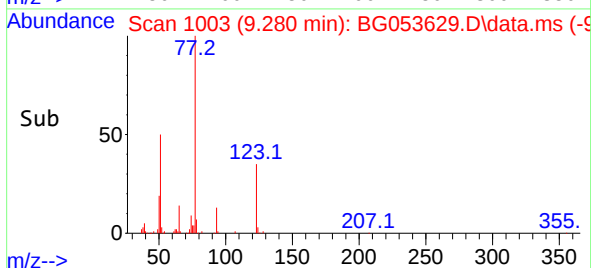
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

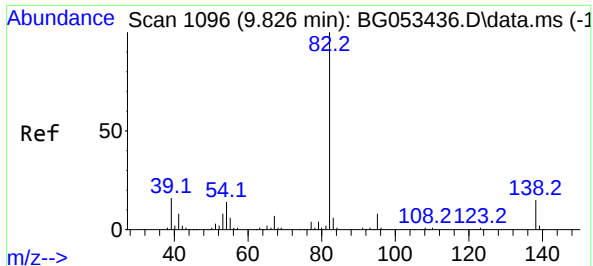


#24
Nitrobenzene
Concen: 48.446 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



Tgt Ion: 77 Resp: 109691
Ion Ratio Lower Upper
77 100
123 34.9 27.4 41.0
65 14.0 11.4 17.0





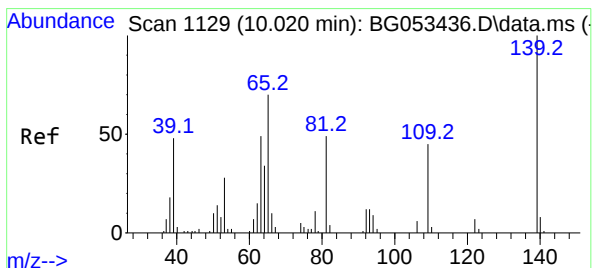
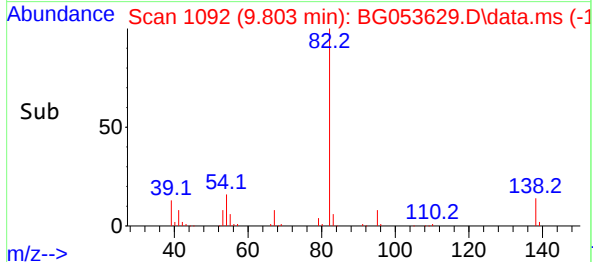
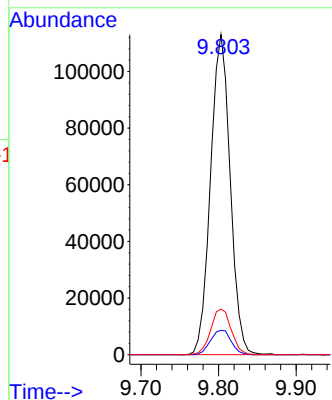
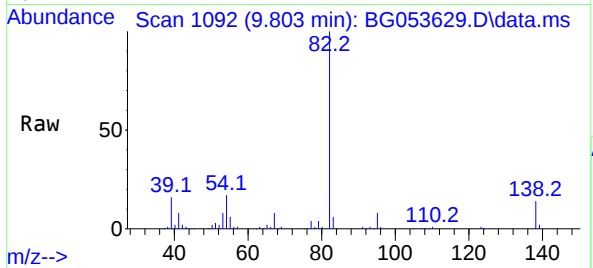
#25
Isophorone
Concen: 50.512 ng
RT: 9.803 min Scan# 1092
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD

Tgt Ion: 82 Resp: 19886
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 14.2 11.6 17.4

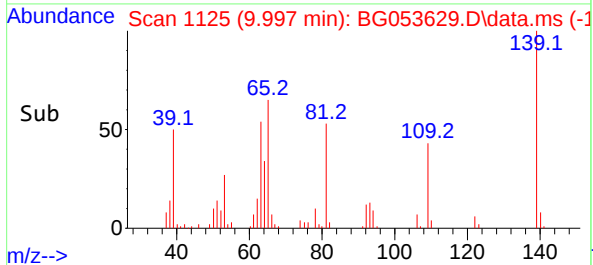
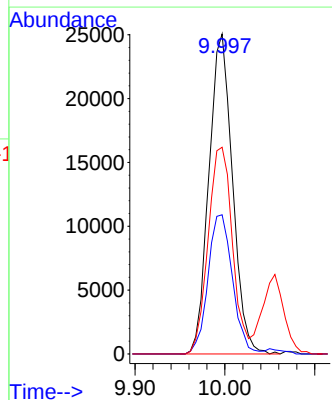
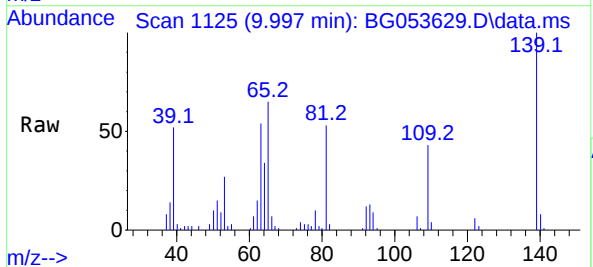
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#26
2-Nitrophenol
Concen: 49.812 ng
RT: 9.997 min Scan# 1125
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

Tgt Ion:139 Resp: 45679
Ion Ratio Lower Upper
139 100
109 43.5 36.1 54.1
65 64.6 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 57.989 ng

RT: 10.056 min Scan# 1135

Delta R.T. 0.001 min

Lab File: BG053629.D

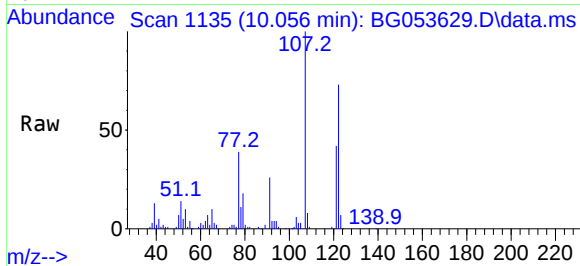
Acq: 19 May 2022 16:54

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0006-01MSD

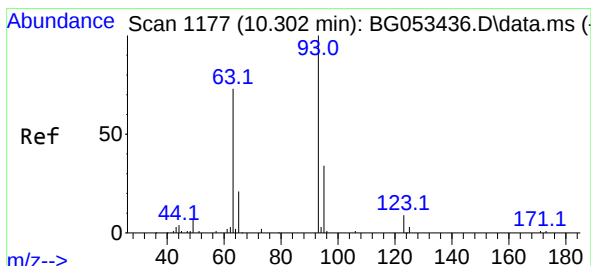
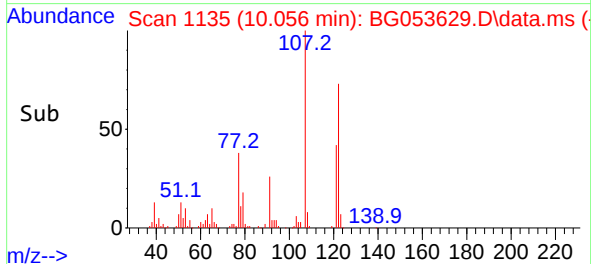
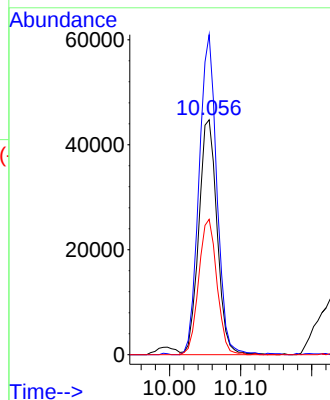


Tgt Ion:	122	Resp:	80030
Ion Ratio	Lower	Upper	
122	100		
107	136.3	109.4	164.0
121	57.7	48.7	73.1

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 46.820 ng

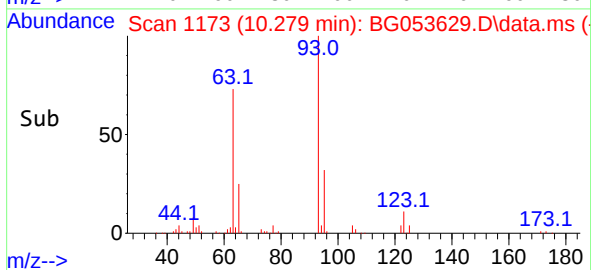
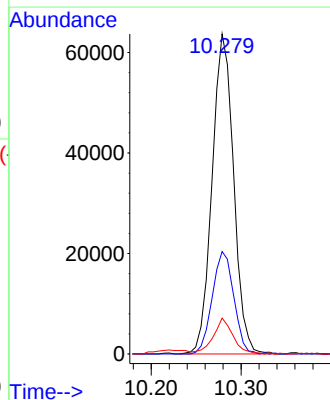
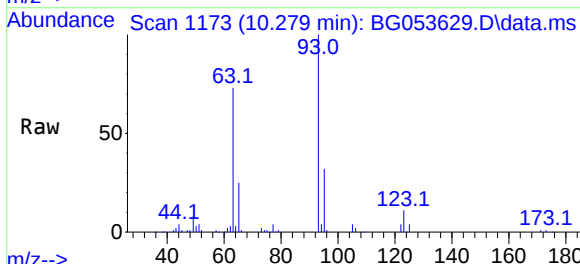
RT: 10.279 min Scan# 1173

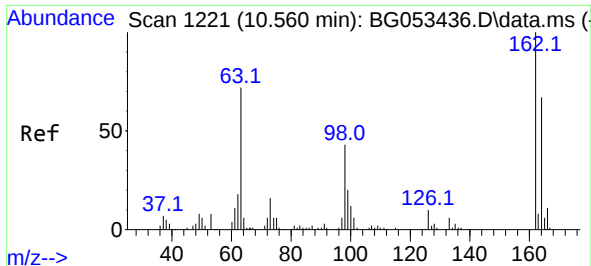
Delta R.T. -0.005 min

Lab File: BG053629.D

Acq: 19 May 2022 16:54

Tgt Ion:	93	Resp:	106014
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.9	40.3
123	11.2	7.7	11.5





#29

2,4-Dichlorophenol

Concen: 52.964 ng

RT: 10.537 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053629.D

Acq: 19 May 2022 16:54

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0006-01MSD

Tgt Ion:162 Resp: 88218

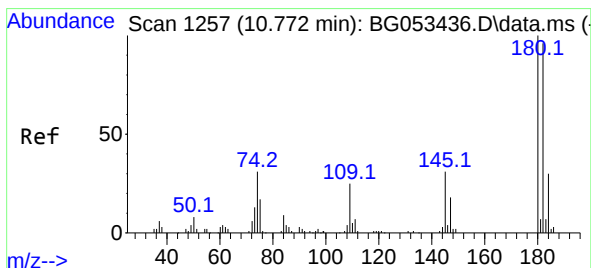
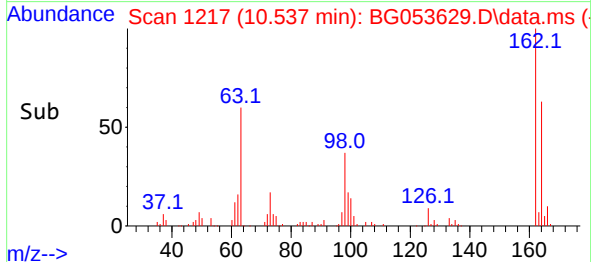
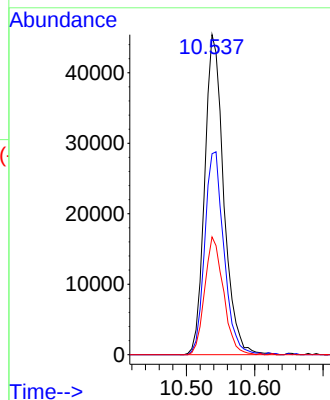
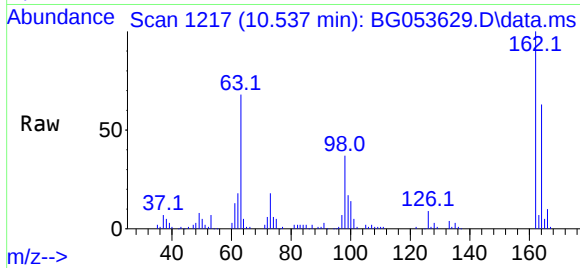
Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.6	86.6
98	36.8	22.8	62.8

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 47.261 ng

RT: 10.749 min Scan# 1253

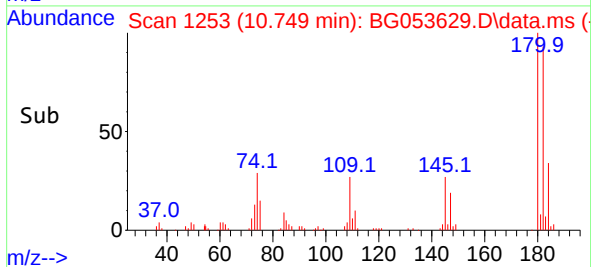
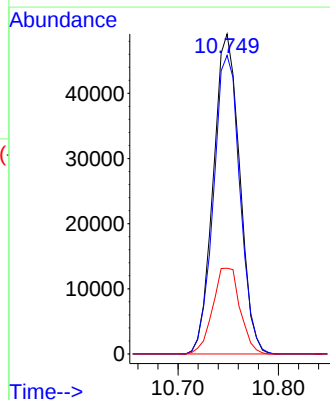
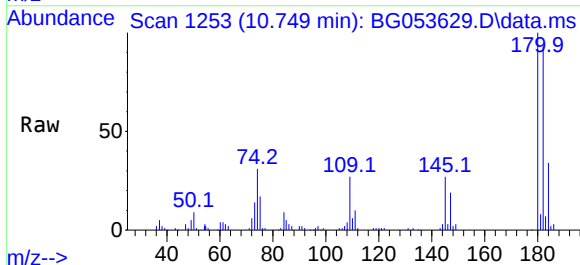
Delta R.T. 0.001 min

Lab File: BG053629.D

Acq: 19 May 2022 16:54

Tgt Ion:180 Resp: 89439

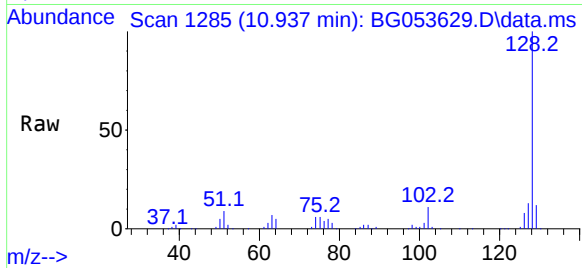
Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.6	115.0
145	26.8	25.0	37.4





#31
Naphthalene
Concen: 47.392 ng
RT: 10.937 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

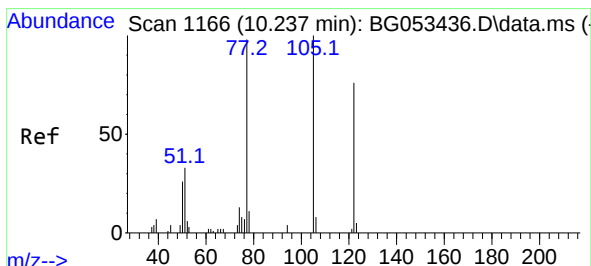
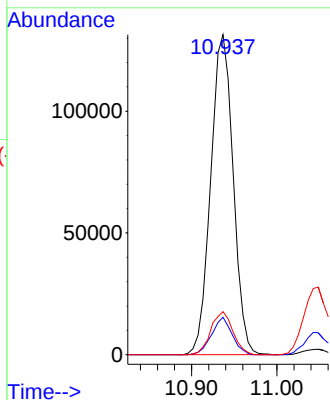
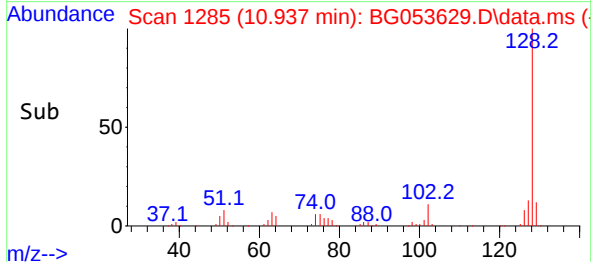
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



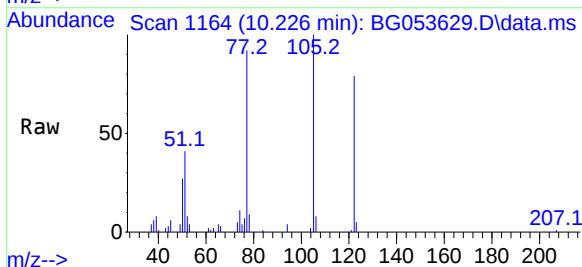
Tgt Ion:128 Resp: 24006
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.4 11.1 16.7

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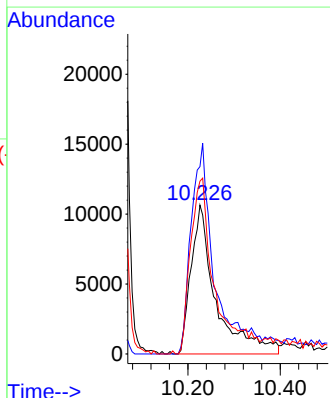
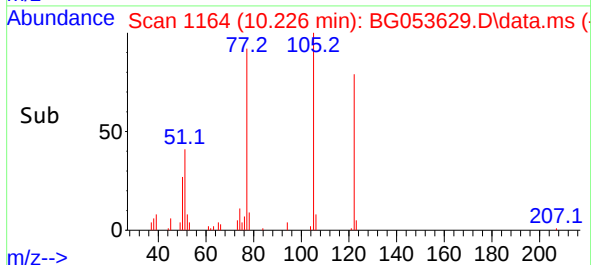
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

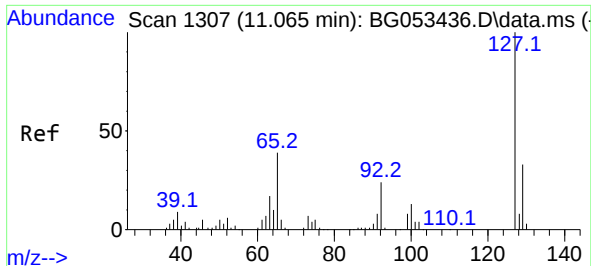


#32
Benzoic acid
Concen: 46.387 ng m
RT: 10.226 min Scan# 1164
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



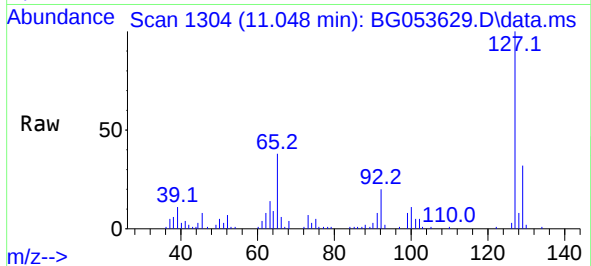
Tgt Ion:122 Resp: 39718
Ion Ratio Lower Upper
122 100
105 125.9 111.8 151.8
77 116.1 109.4 149.4





#33
4-Chloroaniline
Concen: 28.519 ng
RT: 11.048 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

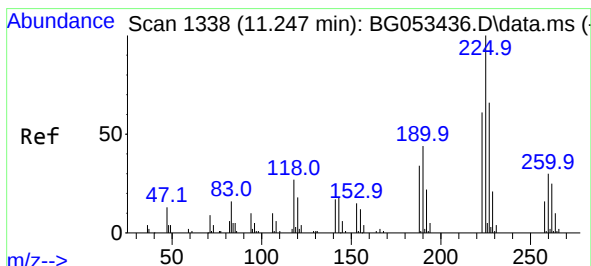
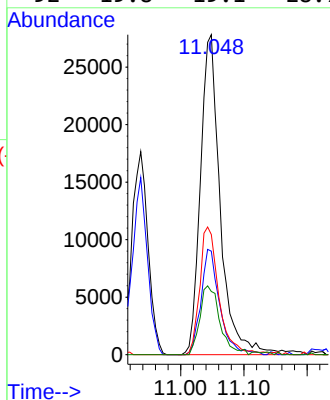
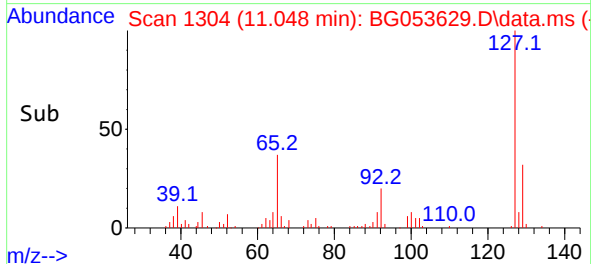
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



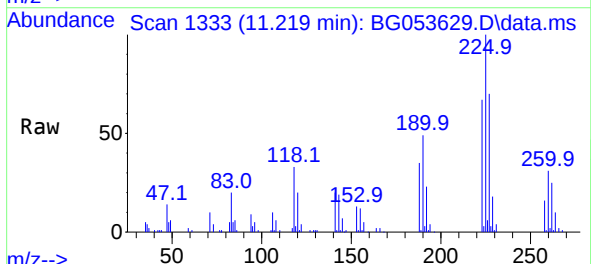
Tgt Ion:127 Resp: 60500
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 37.6 31.1 46.7
92 19.8 19.1 28.7

Manual Integrations
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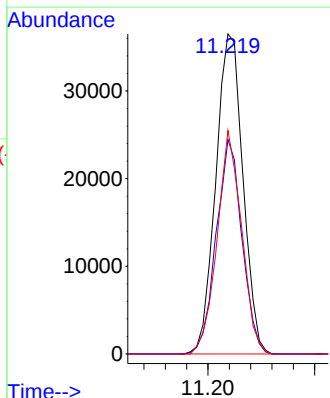
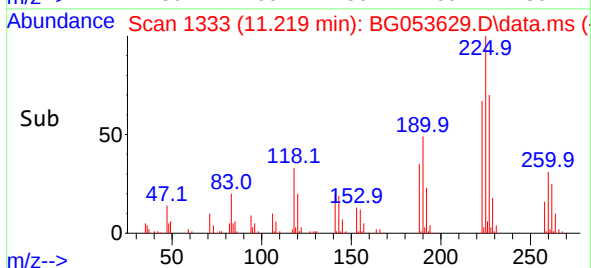
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

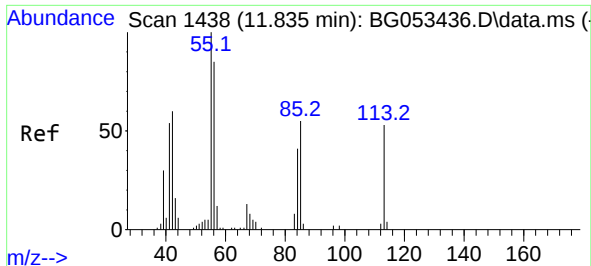


#34
Hexachlorobutadiene
Concen: 45.889 ng
RT: 11.219 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



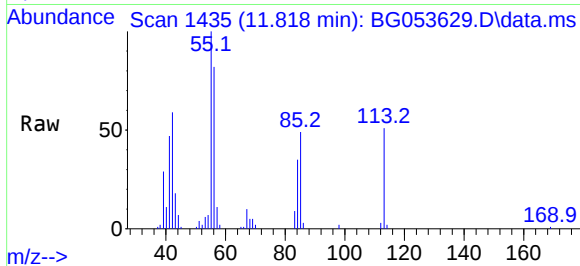
Tgt Ion:225 Resp: 64396
Ion Ratio Lower Upper
225 100
223 67.0 48.9 73.3
227 69.8 52.8 79.2





#35
Caprolactam
Concen: 51.024 ng m
RT: 11.818 min Scan# 1438
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

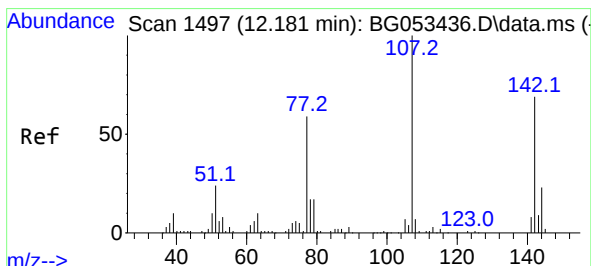
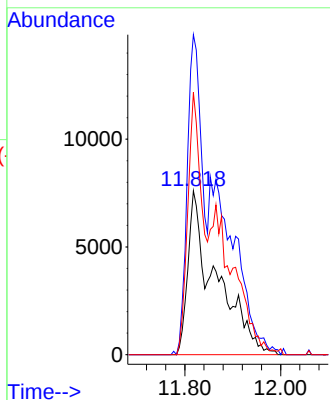
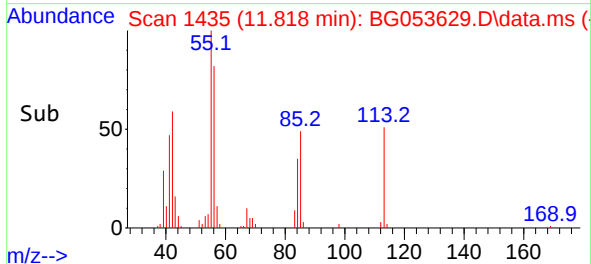
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



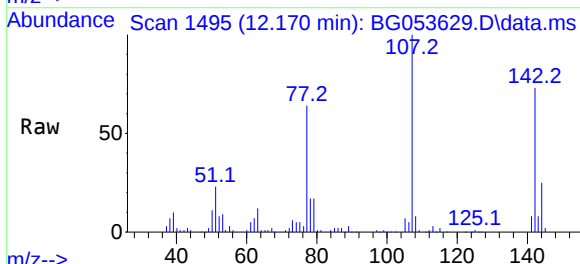
Tgt Ion:113 Resp: 30884
Ion Ratio Lower Upper
113 100
55 195.3 169.8 209.8
56 160.0 141.2 181.2

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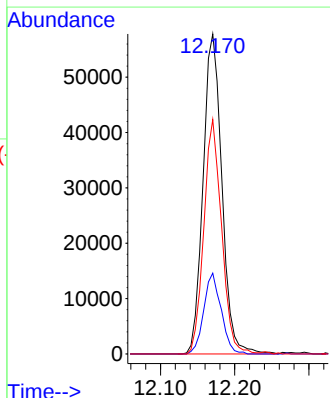
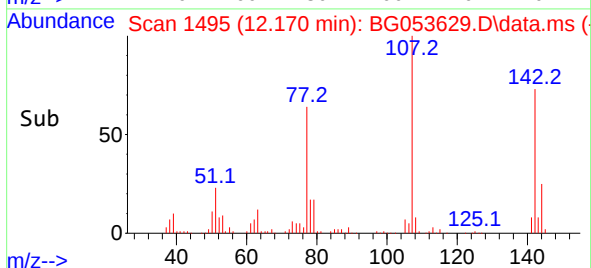
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

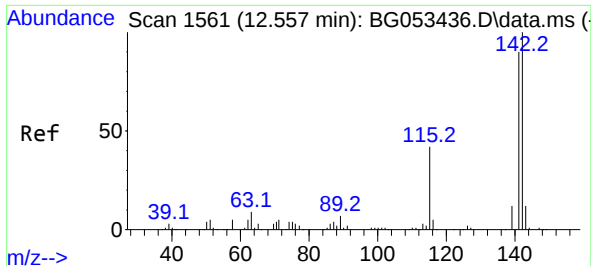


#36
4-Chloro-3-methylphenol
Concen: 51.115 ng
RT: 12.170 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



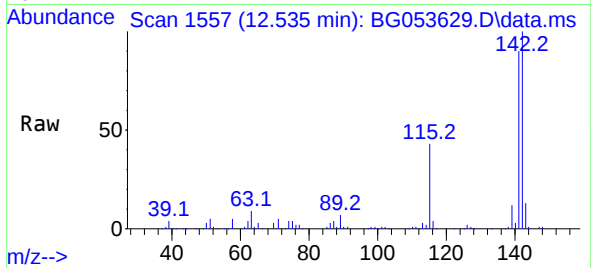
Tgt Ion:107 Resp: 101841
Ion Ratio Lower Upper
107 100
144 25.3 18.5 27.7
142 73.2 55.0 82.4





#37
2-Methylnaphthalene
Concen: 46.920 ng
RT: 12.535 min Scan# 1557
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

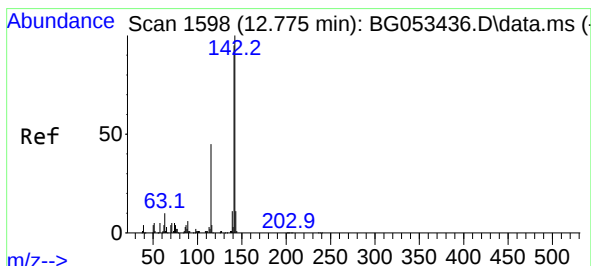
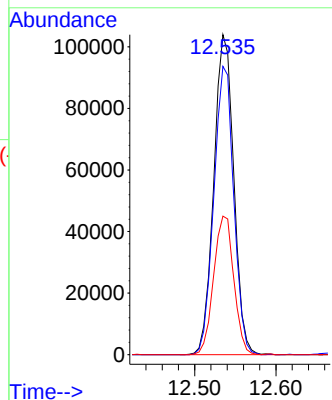
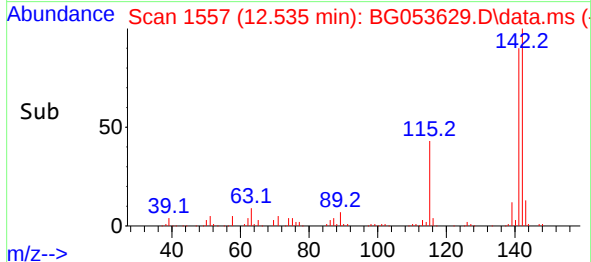
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:142 Resp: 177369
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5
115 43.3 33.7 50.5

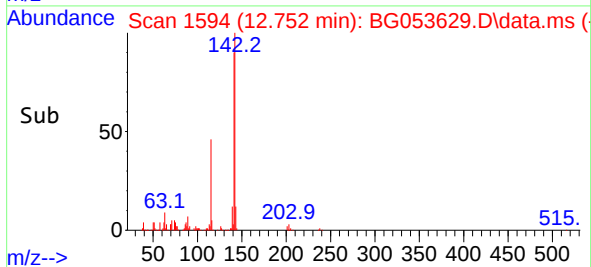
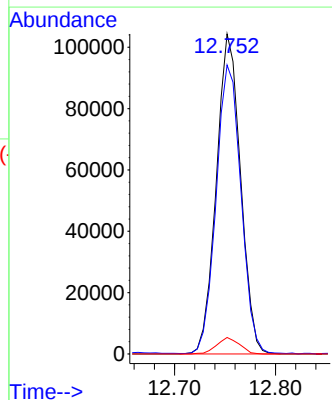
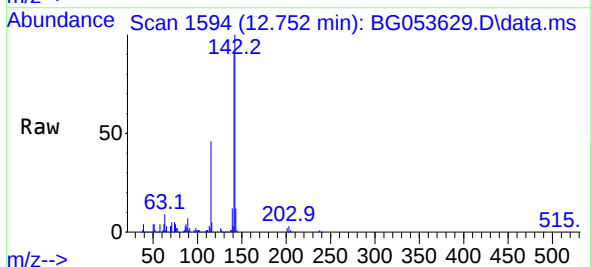
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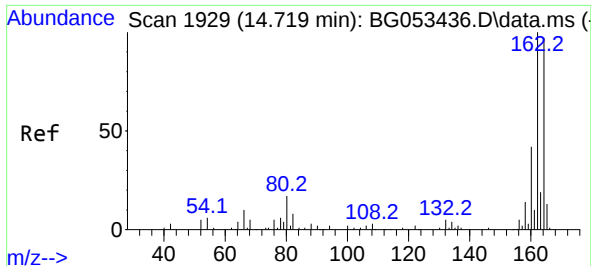
Reviewed By :Christian Giraldo 05/20/2022
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#38
1-Methylnaphthalene
Concen: 47.092 ng m
RT: 12.752 min Scan# 1594
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

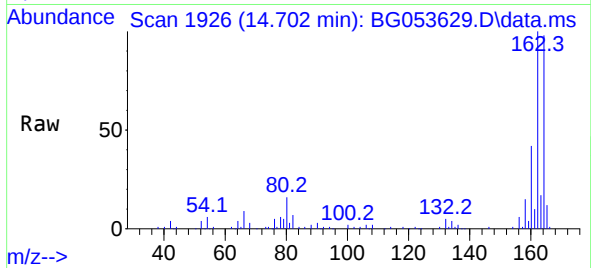
Tgt Ion:142 Resp: 173687
Ion Ratio Lower Upper
142 100
141 90.3 76.4 114.6
116 5.2 3.3 4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 14
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

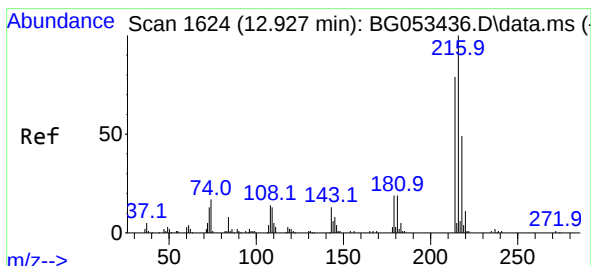
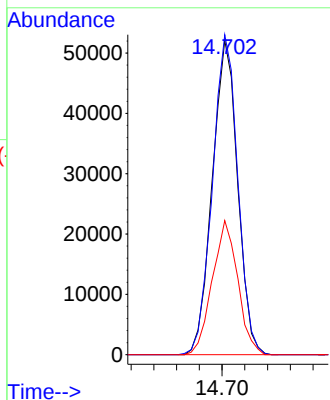
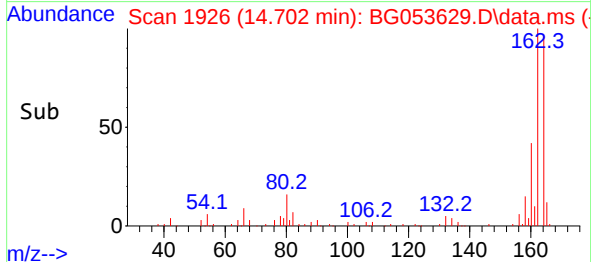
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



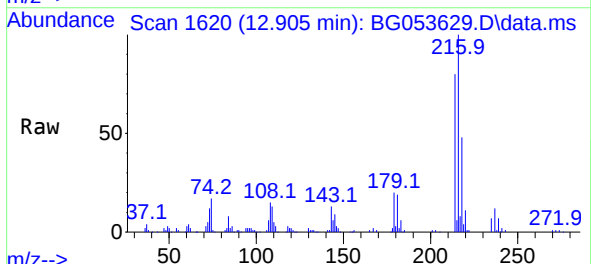
Tgt Ion:164 Resp: 80569
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 42.7 34.2 51.2

Manual Integrations
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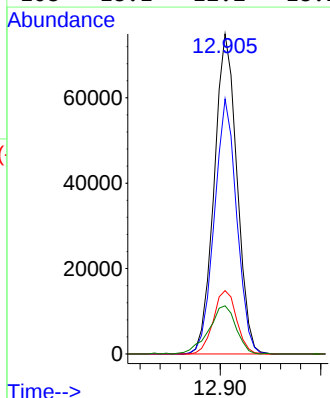
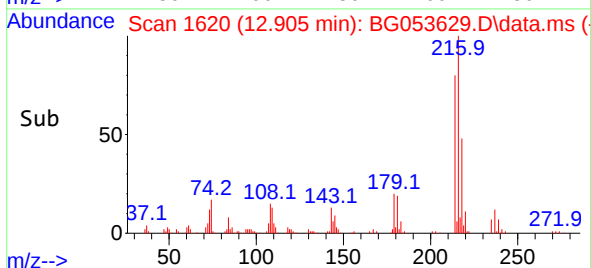
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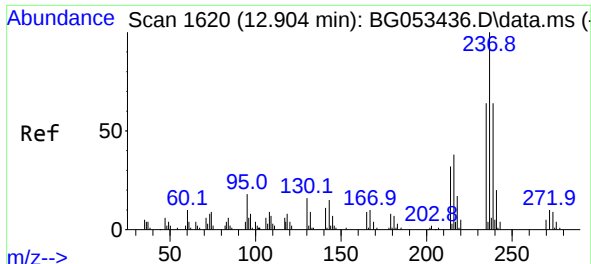


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.378 ng
RT: 12.905 min Scan# 1620
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



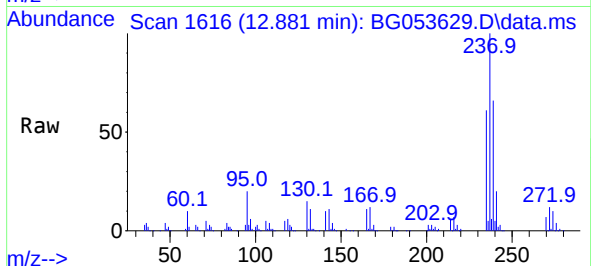
Tgt Ion:216 Resp: 117784
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.2 16.1 24.1
108 18.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 112.148 ng
RT: 12.881 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

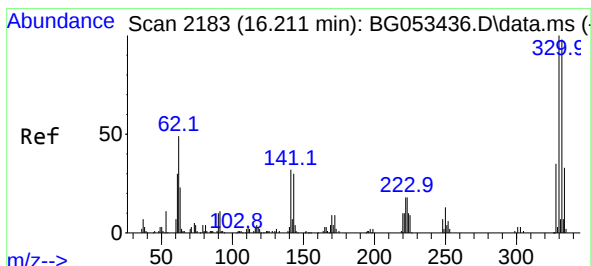
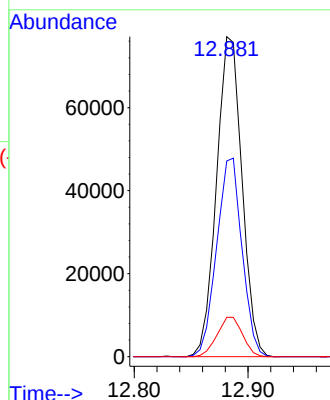
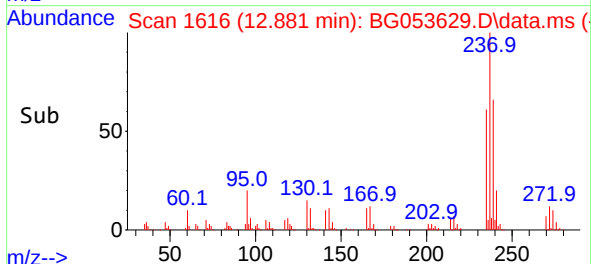
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



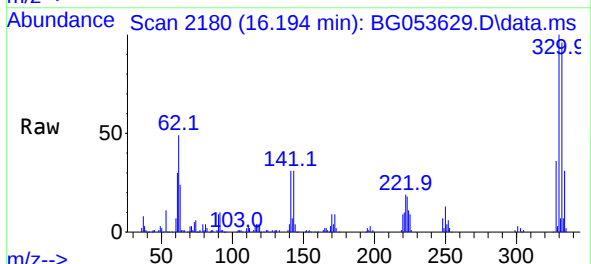
Tgt Ion:237 Resp: 12014
Ion Ratio Lower Upper
237 100
235 61.2 43.5 83.5
272 12.3 0.0 30.1

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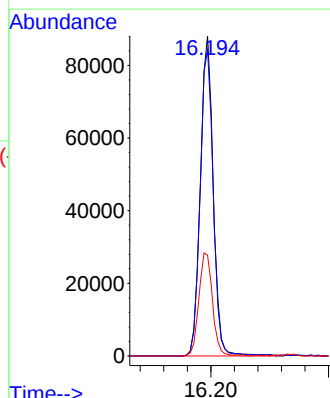
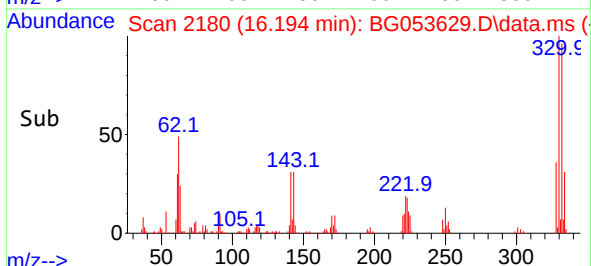
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

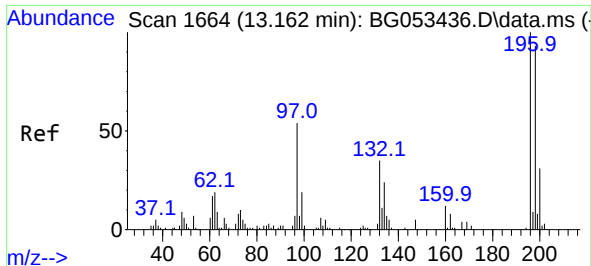


#42
2,4,6-Tribromophenol
Concen: 112.527 ng
RT: 16.194 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



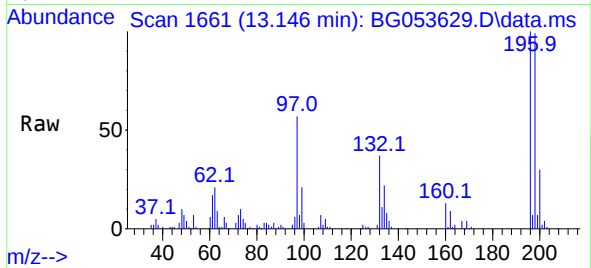
Tgt Ion:330 Resp: 133716
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 34.2 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 49.322 ng
RT: 13.146 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

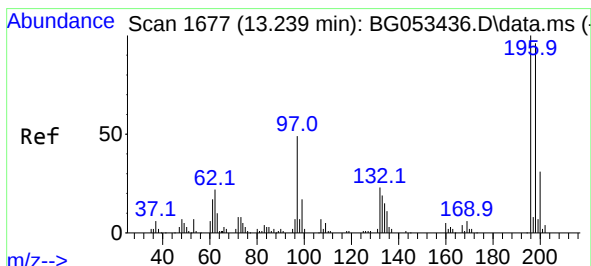
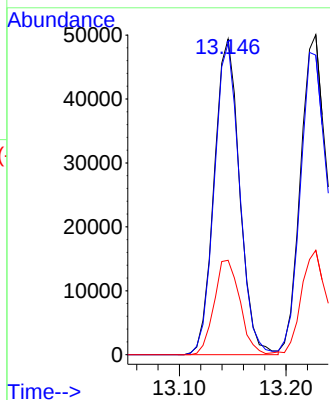
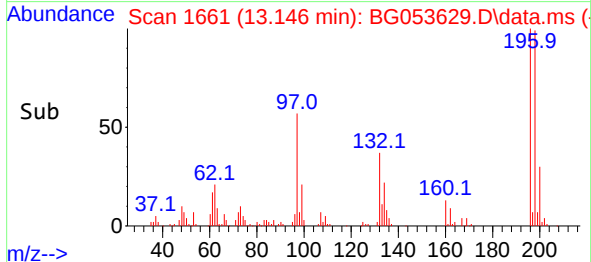
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



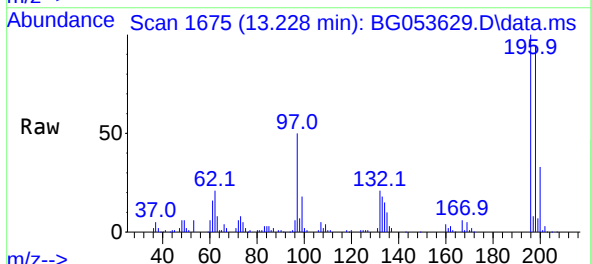
Tgt Ion:196 Resp: 81764
Ion Ratio Lower Upper
196 100
198 98.6 74.1 111.1
200 29.9 24.7 37.1

Manual Integrations
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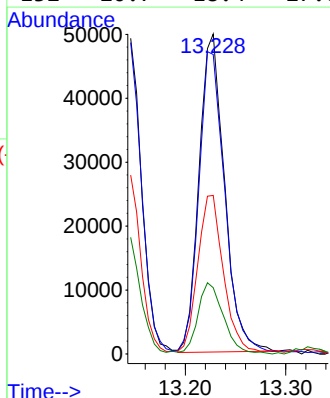
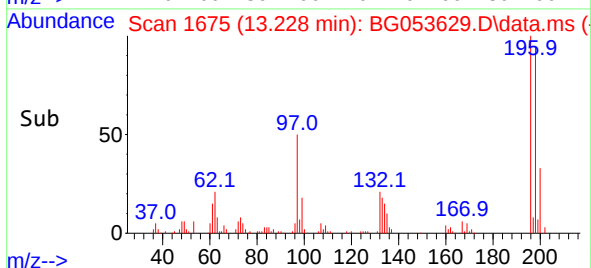
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

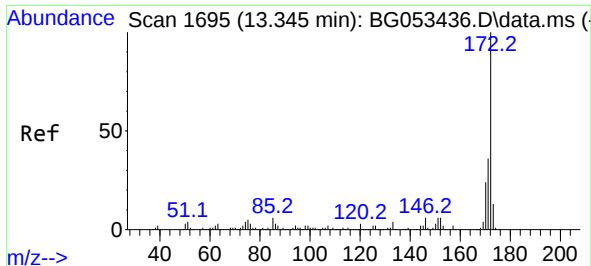


#44
2,4,5-Trichlorophenol
Concen: 49.823 ng
RT: 13.228 min Scan# 1675
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



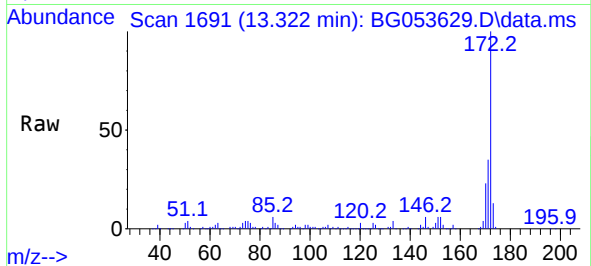
Tgt Ion:196 Resp: 87905
Ion Ratio Lower Upper
196 100
198 93.6 76.8 115.2
97 49.5 39.8 59.6
132 20.7 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 61.634 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

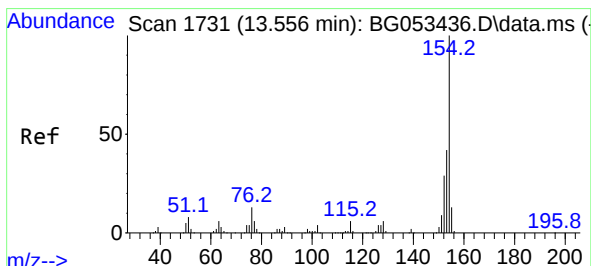
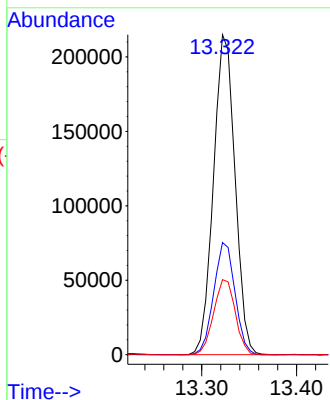
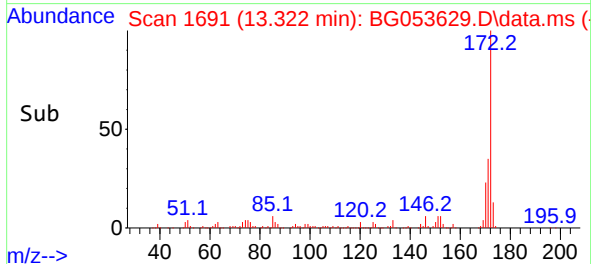
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



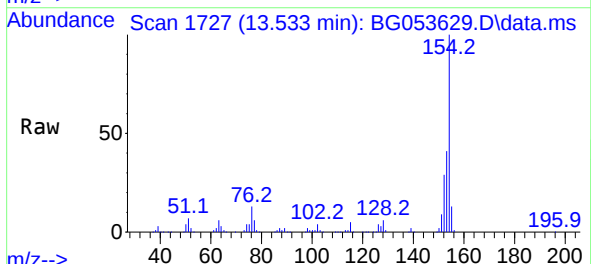
Tgt Ion:172 Resp: 339820
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.4 18.9 28.3

Manual Integrations
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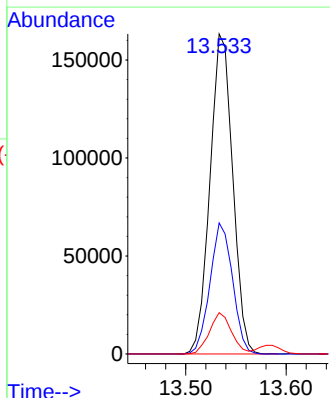
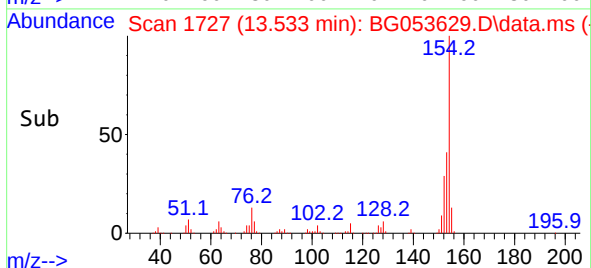
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

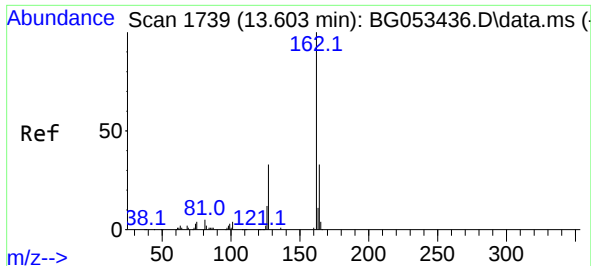


#46
1,1'-Biphenyl
Concen: 46.720 ng
RT: 13.533 min Scan# 1727
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



Tgt Ion:154 Resp: 256579
Ion Ratio Lower Upper
154 100
153 41.0 21.6 61.6
76 12.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.279 ng

RT: 13.586 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053629.D

Acq: 19 May 2022 16:54

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0006-01MSD

Tgt Ion:162 Resp: 199128

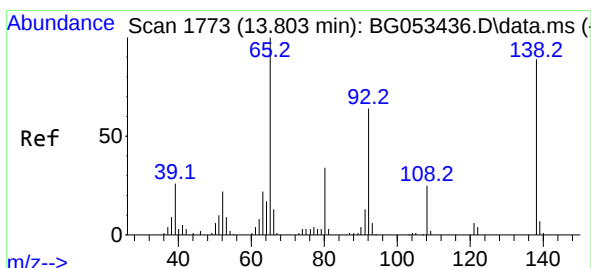
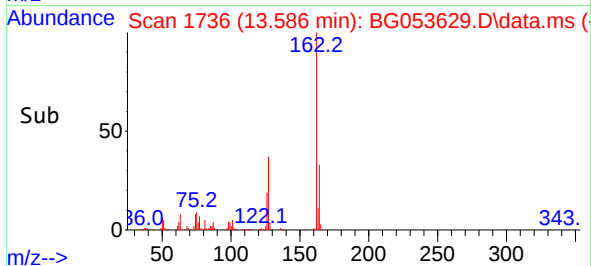
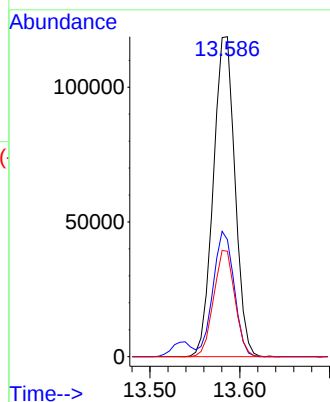
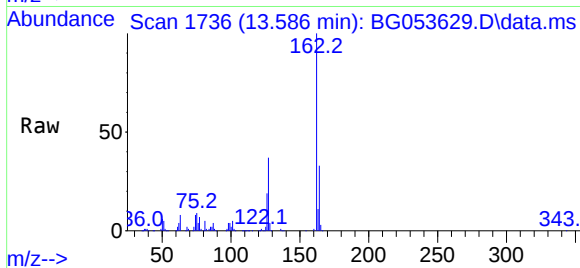
Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.6	45.8
164	33.0	26.5	39.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#48

2-Nitroaniline

Concen: 49.322 ng

RT: 13.786 min Scan# 1770

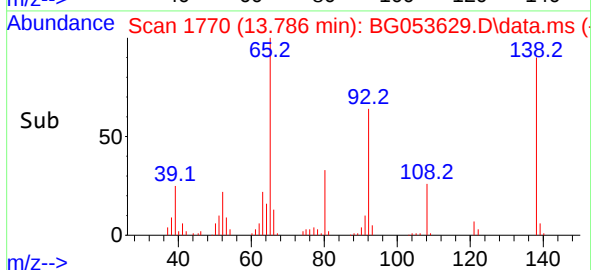
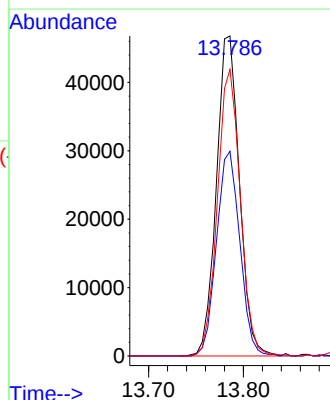
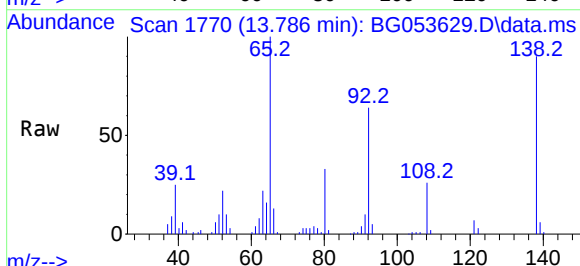
Delta R.T. 0.001 min

Lab File: BG053629.D

Acq: 19 May 2022 16:54

Tgt Ion: 65 Resp: 79077

Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.5	77.3
138	89.6	71.3	106.9





#49

Acenaphthylene

Concen: 49.558 ng

RT: 14.426 min Scan# 1879

Delta R.T. 0.001 min

Lab File: BG053629.D

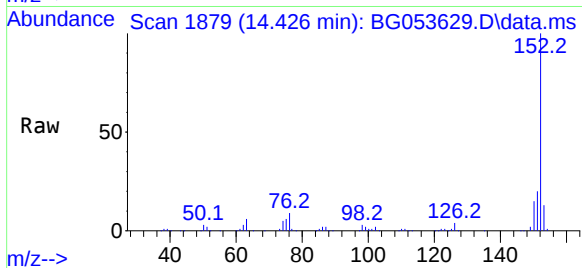
Acq: 19 May 2022 16:54

Instrument :

BNA_G

ClientSampleId :

P018-SS001-0006-01MSD



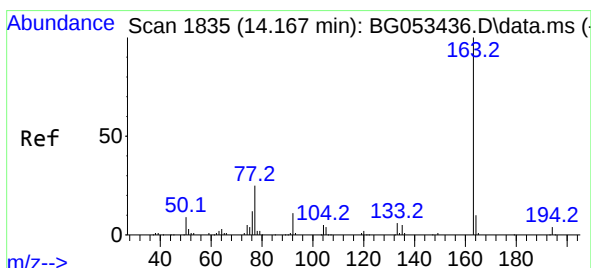
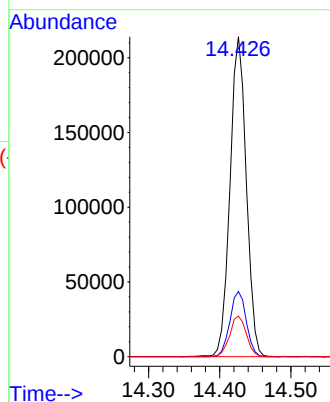
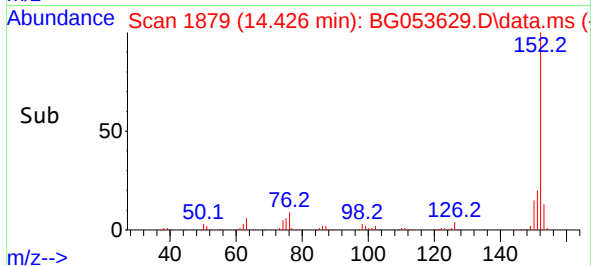
Tgt Ion:152 Resp: 340269

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	12.7	10.8	16.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#50

Dimethylphthalate

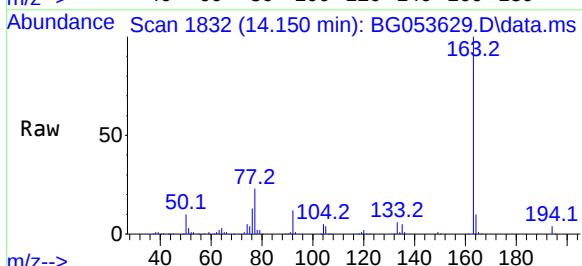
Concen: 45.889 ng

RT: 14.150 min Scan# 1832

Delta R.T. 0.001 min

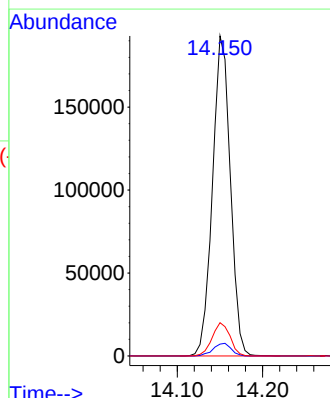
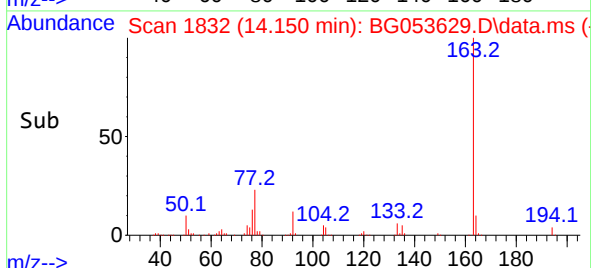
Lab File: BG053629.D

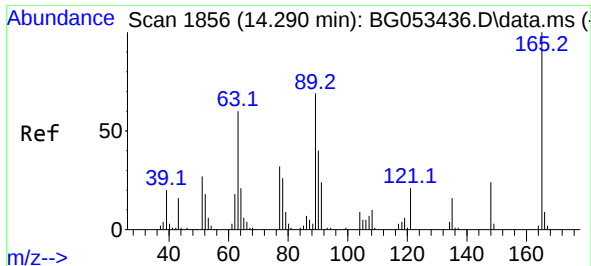
Acq: 19 May 2022 16:54



Tgt Ion:163 Resp: 280957

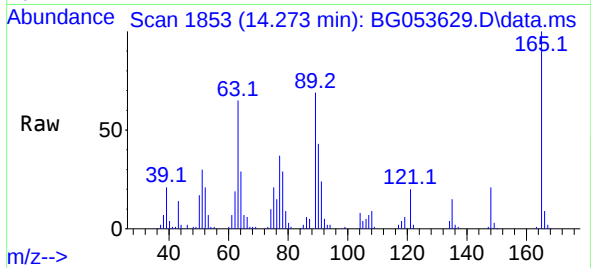
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 48.873 ng
RT: 14.273 min Scan# 1853
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

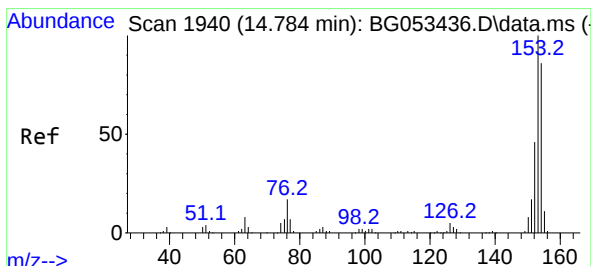
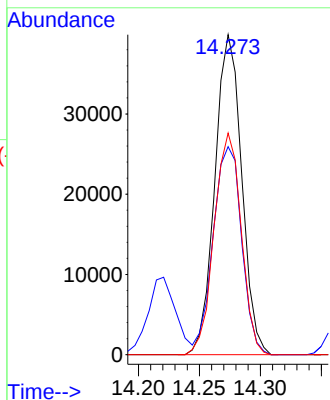
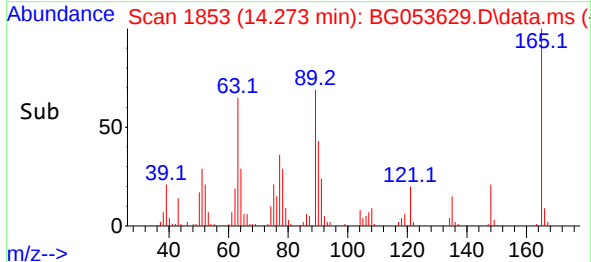
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



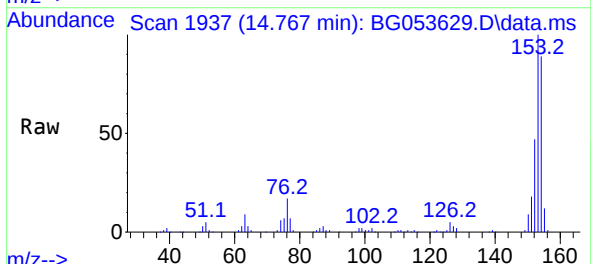
Tgt Ion:165 Resp: 6096
Ion Ratio Lower Upper
165 100
63 65.0 54.1 81.1
89 69.2 54.8 82.2

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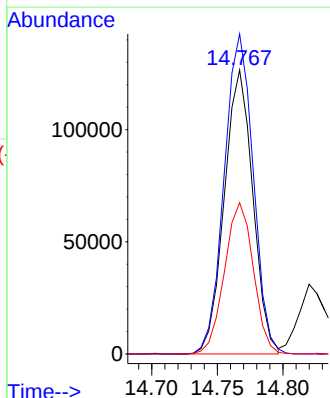
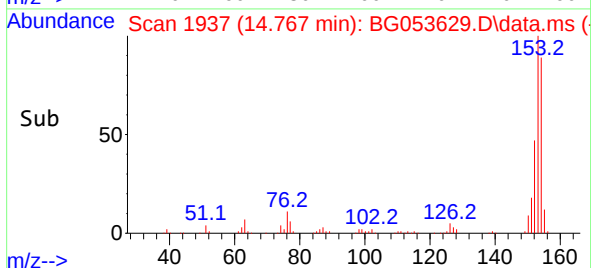
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

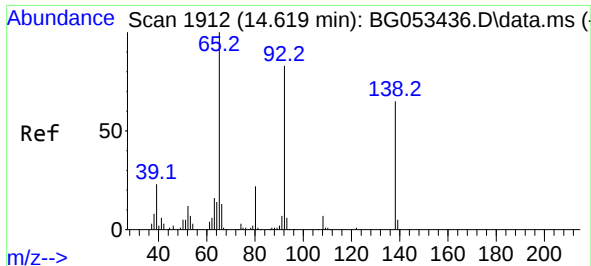


#52
Acenaphthene
Concen: 46.861 ng
RT: 14.767 min Scan# 1937
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



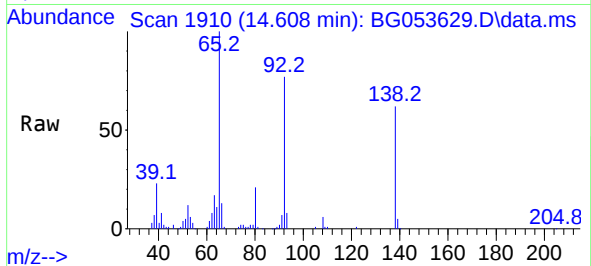
Tgt Ion:154 Resp: 191749
Ion Ratio Lower Upper
154 100
153 112.7 92.7 139.1
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 35.752 ng
RT: 14.608 min Scan# 1910
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

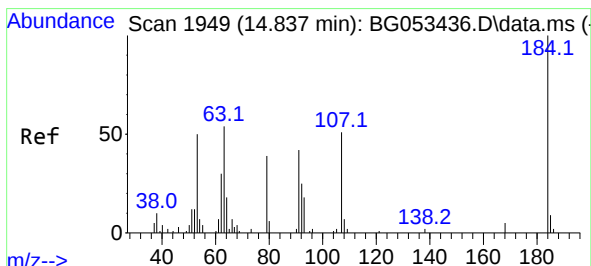
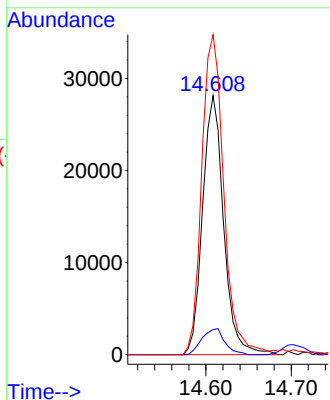
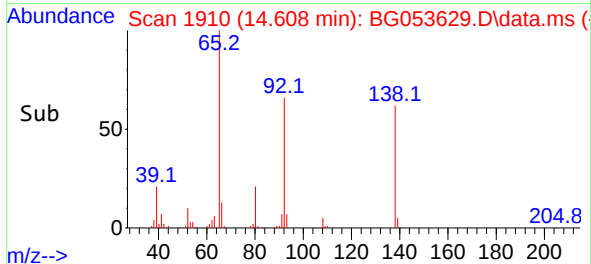
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:138 Resp: 48184
Ion Ratio Lower Upper
138 100
108 9.7 9.2 13.8
92 123.5 101.9 152.9

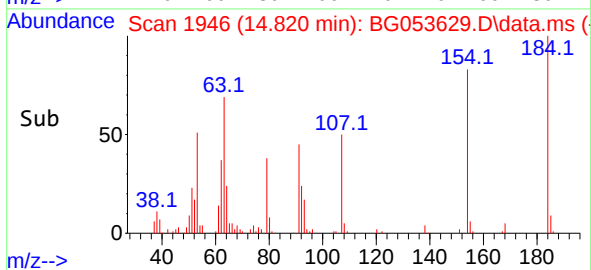
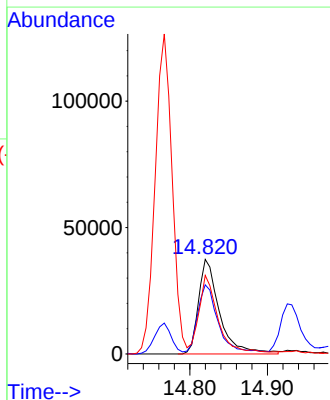
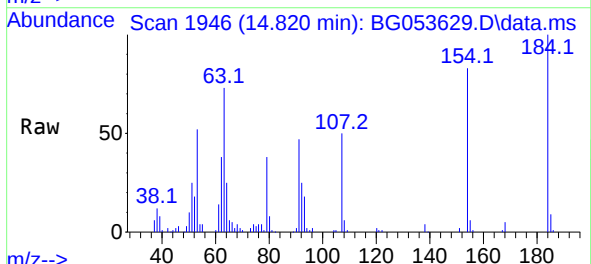
Manual Integrations
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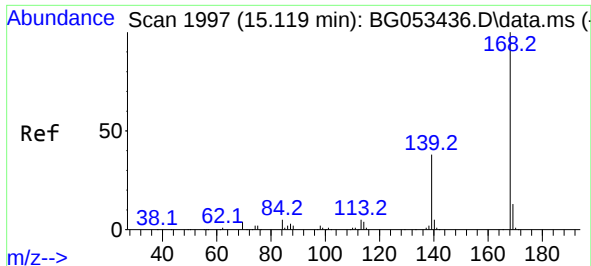
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#54
2,4-Dinitrophenol
Concen: 88.132 ng
RT: 14.820 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

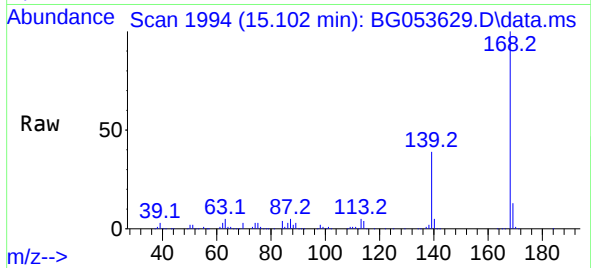
Tgt Ion:184 Resp: 70326
Ion Ratio Lower Upper
184 100
63 73.1 61.1 91.7
154 83.0 60.6 91.0





#55
Dibenzenofuran
Concen: 45.440 ng
RT: 15.102 min Scan# 1994
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

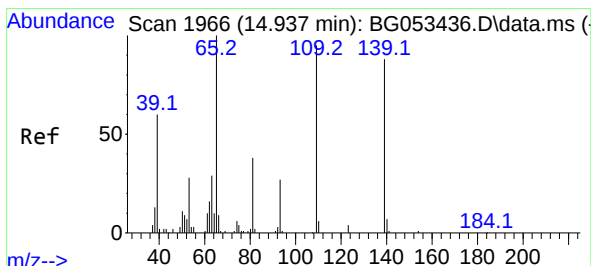
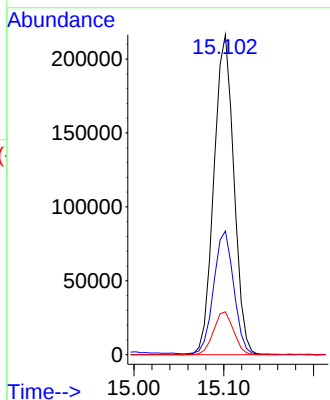
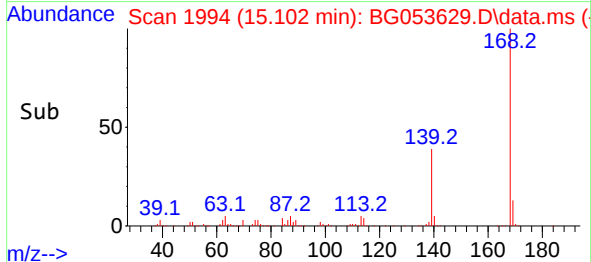
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



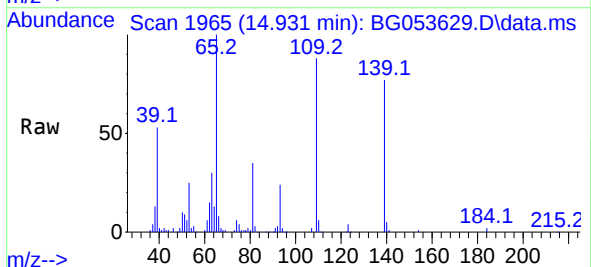
Tgt Ion:168 Resp: 333969
Ion Ratio Lower Upper
168 100
139 38.6 30.5 45.7
169 13.4 10.3 15.5

Manual Integrations
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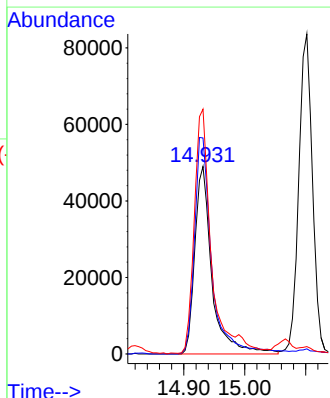
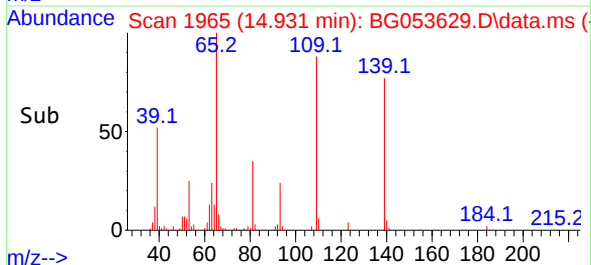
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

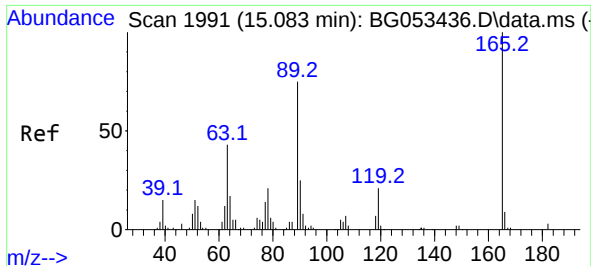


#56
4-Nitrophenol
Concen: 99.768 ng
RT: 14.931 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



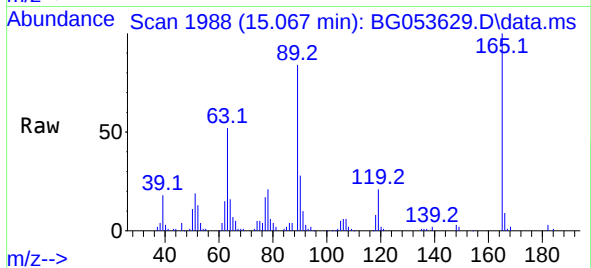
Tgt Ion:139 Resp: 96039
Ion Ratio Lower Upper
139 100
109 115.2 88.5 128.5
65 130.6 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.911 ng
RT: 15.067 min Scan# 1991
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

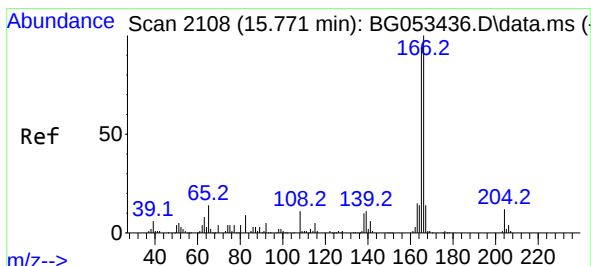
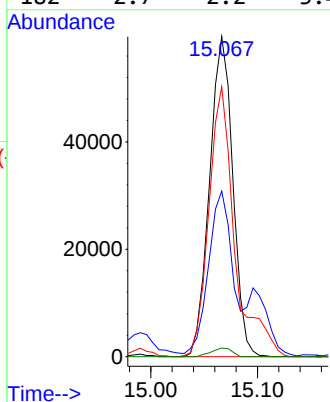
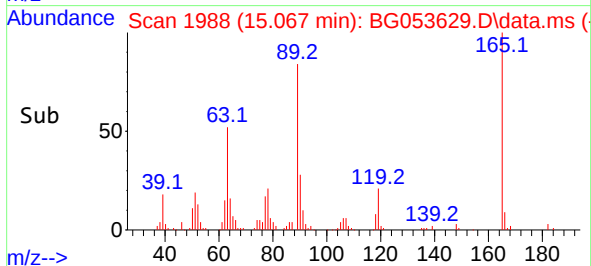
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



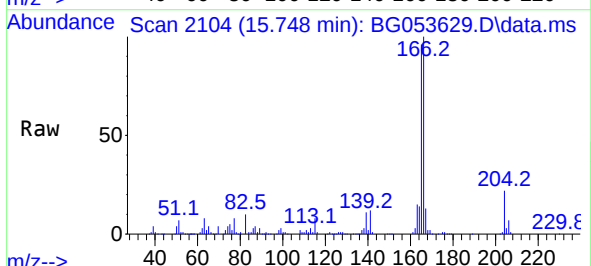
Tgt Ion:165 Resp: 9024
Ion Ratio Lower Upper
165 100
63 51.7 34.6 52.0
89 84.3 60.3 90.5
182 2.7 2.2 3.4

Manual Integrations
APPROVED

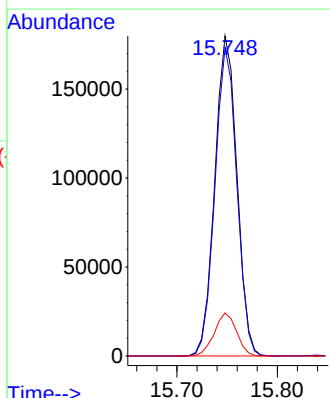
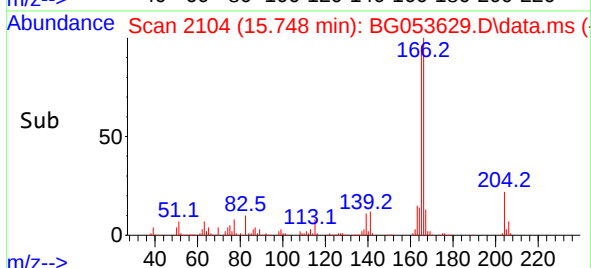
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#58
Fluorene
Concen: 46.738 ng
RT: 15.748 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



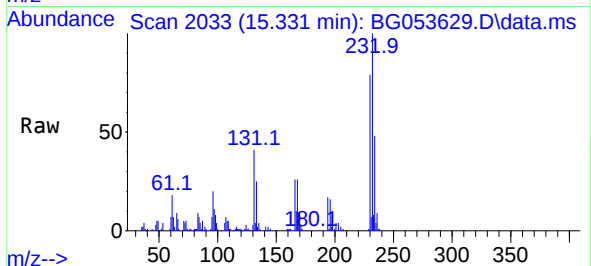
Tgt Ion:166 Resp: 275661
Ion Ratio Lower Upper
166 100
165 96.4 75.0 112.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.384 ng
RT: 15.331 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

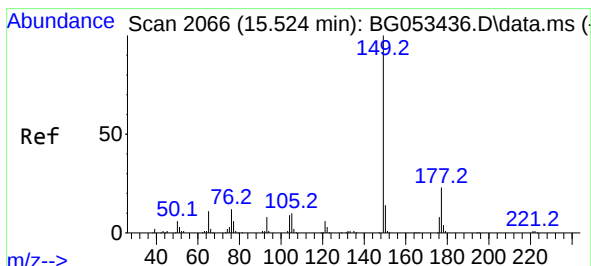
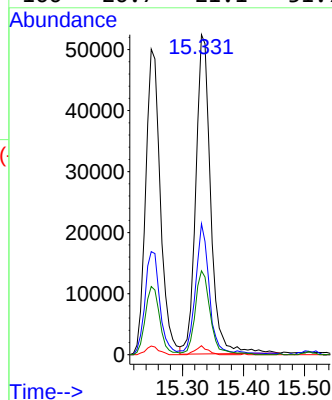
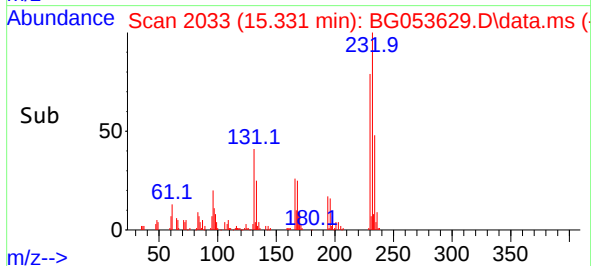
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:232 Resp: 8840
Ion Ratio Lower Upper
232 100
131 36.2 30.6 46.0
130 2.2 1.8 2.8
166 26.7 21.1 31.7

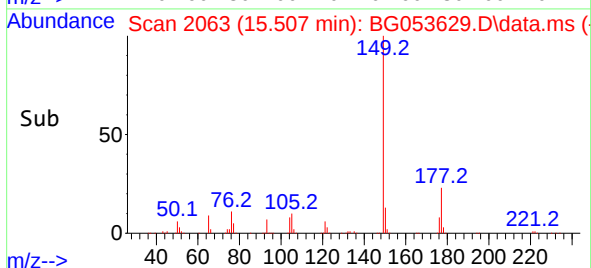
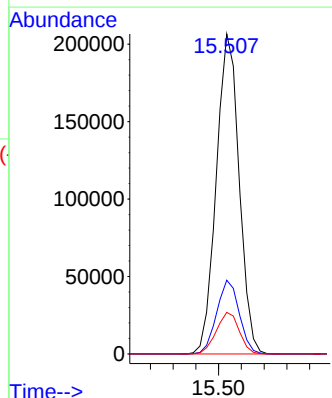
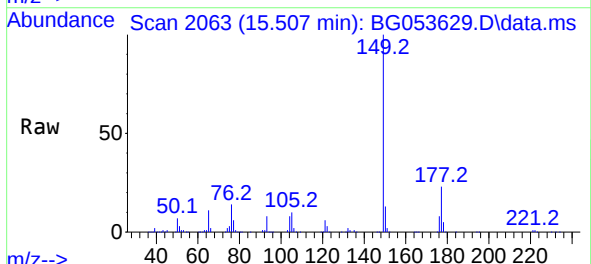
Manual Integrations
APPROVED

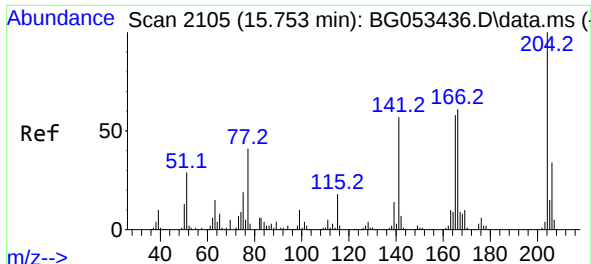
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#60
Diethylphthalate
Concen: 45.569 ng
RT: 15.507 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

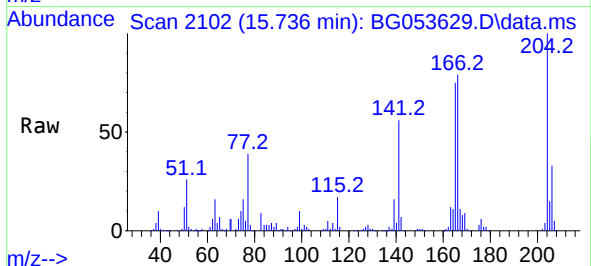
Tgt Ion:149 Resp: 288192
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 13.0 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 46.543 ng
RT: 15.736 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

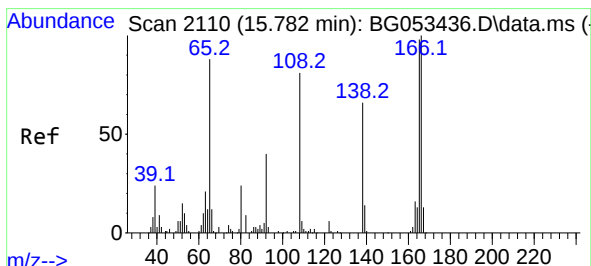
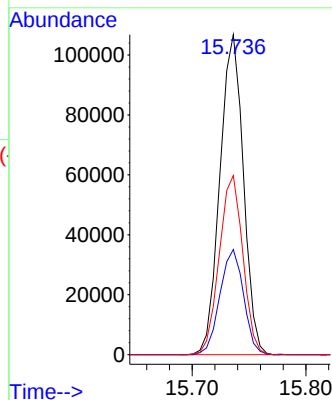
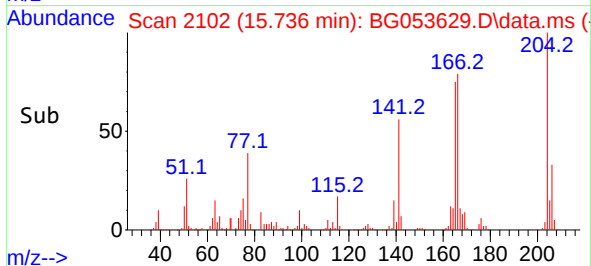
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



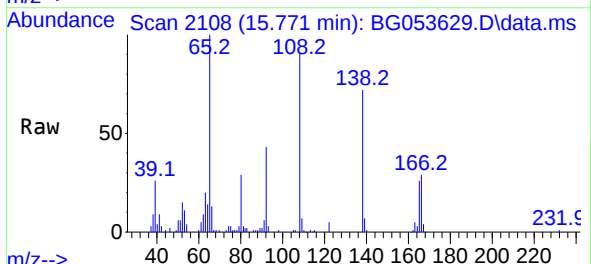
Tgt Ion:204 Resp: 15318
Ion Ratio Lower Upper
204 100
206 32.8 27.5 41.3
141 56.0 45.3 67.9

Manual Integrations
APPROVED

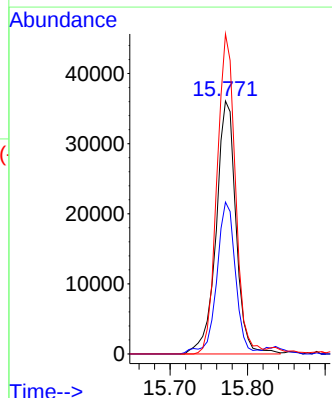
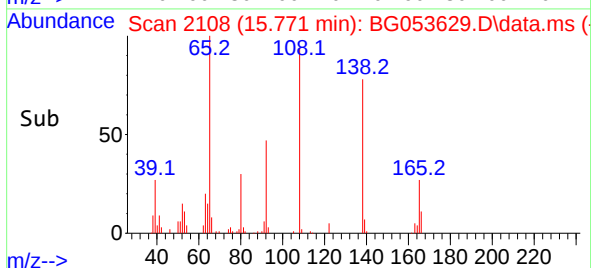
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

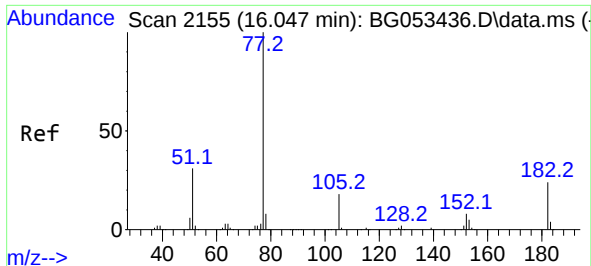


#62
4-Nitroaniline
Concen: 45.880 ng
RT: 15.771 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



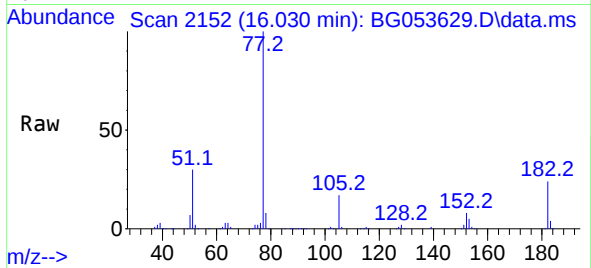
Tgt Ion:138 Resp: 64135
Ion Ratio Lower Upper
138 100
92 60.0 40.5 80.5
108 126.5 103.7 143.7





#63
Azobenzene
Concen: 45.468 ng
RT: 16.030 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

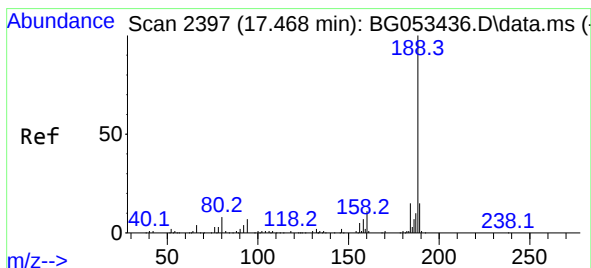
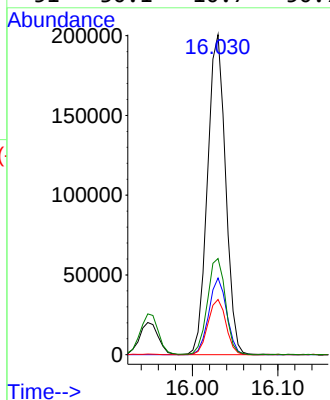
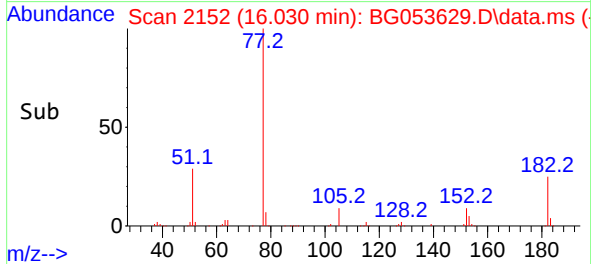
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



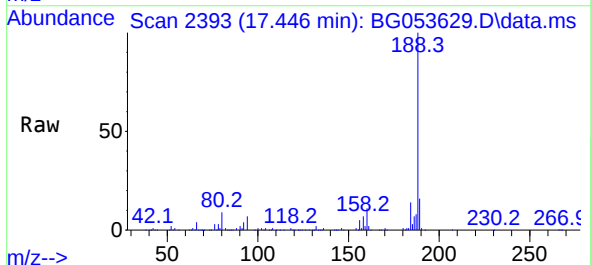
Tgt Ion: 77 Resp: 294458
Ion Ratio Lower Upper
77 100
182 23.9 3.8 43.8
105 17.2 0.0 37.8
51 30.1 10.7 50.7

Manual Integrations
APPROVED

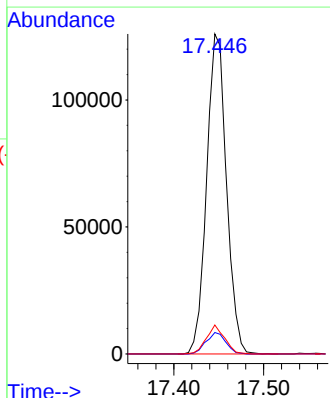
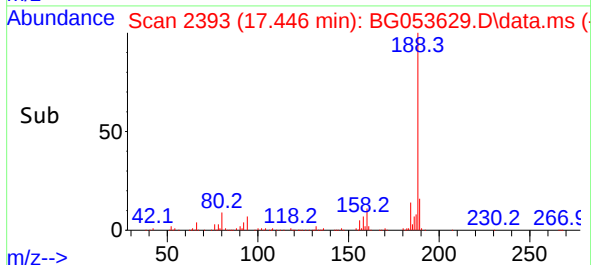
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

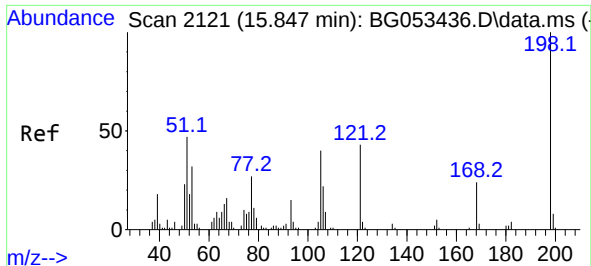


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



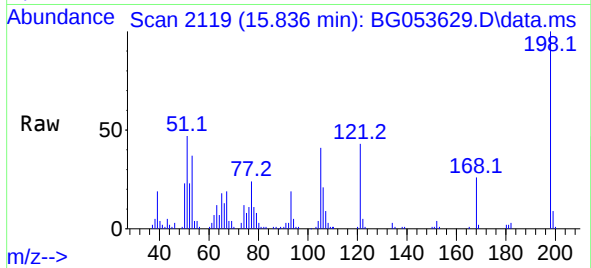
Tgt Ion:188 Resp: 192979
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 9.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.690 ng
RT: 15.836 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

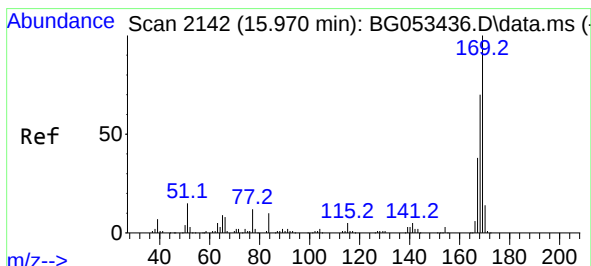
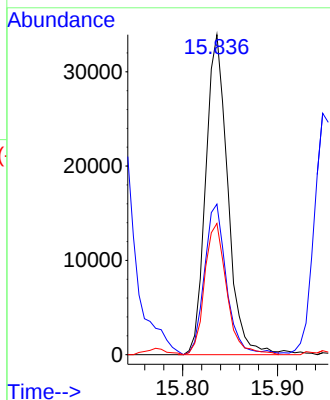
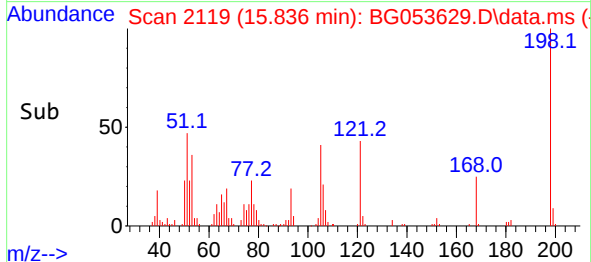
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



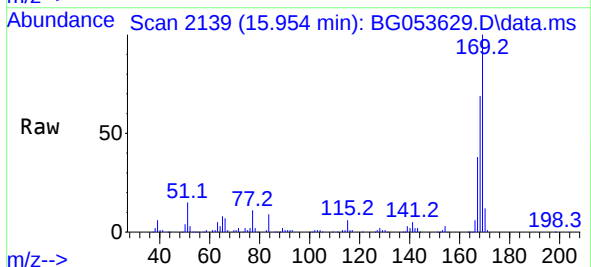
Tgt Ion:198 Resp: 54839
Ion Ratio Lower Upper
198 100
51 47.1 28.1 68.1
105 41.0 20.3 60.3

Manual Integrations
APPROVED

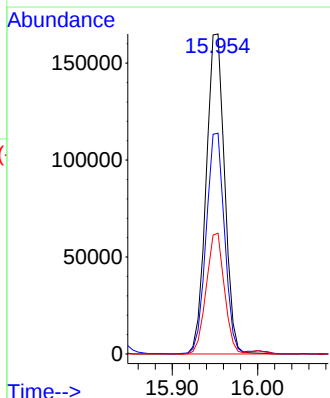
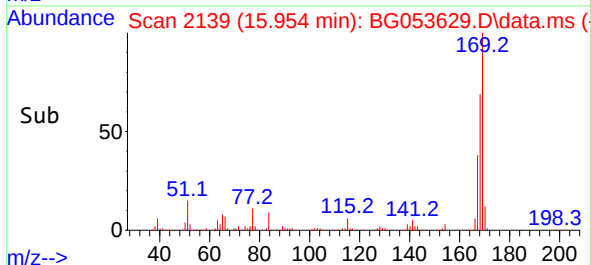
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#66
n-Nitrosodiphenylamine
Concen: 48.846 ng
RT: 15.954 min Scan# 2139
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



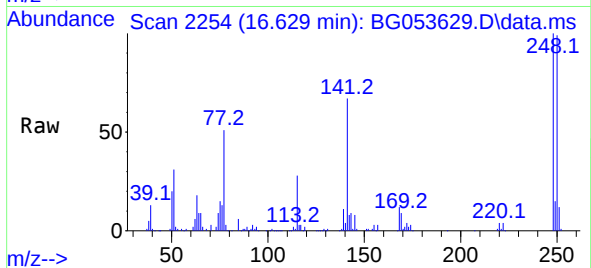
Tgt Ion:169 Resp: 247488
Ion Ratio Lower Upper
169 100
168 69.0 55.9 83.9
167 37.8 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 49.080 ng
RT: 16.629 min Scan# 211
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

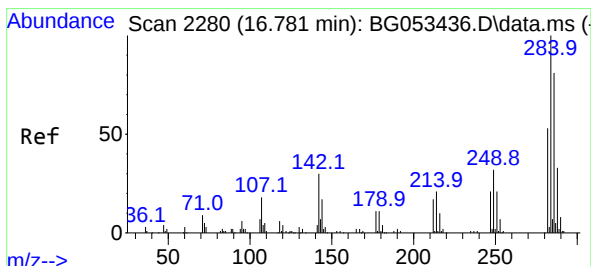
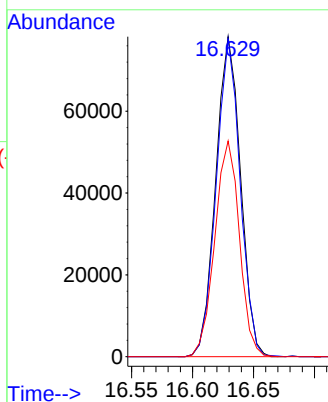
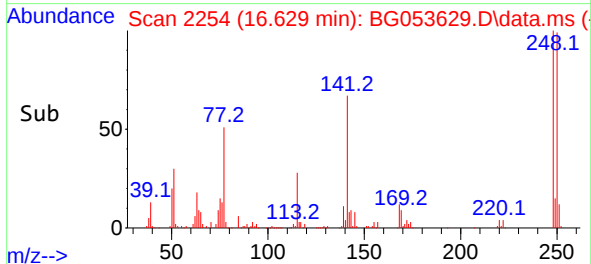
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



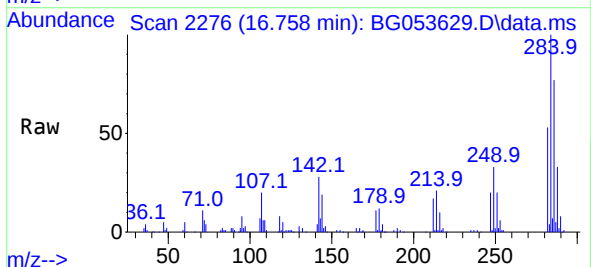
Tgt Ion:248 Resp: 110610
Ion Ratio Lower Upper
248 100
250 99.3 75.2 112.8
141 67.4 50.0 75.0

Manual Integrations
APPROVED

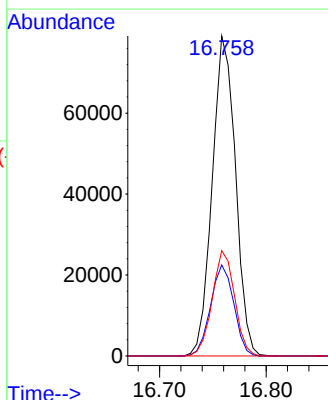
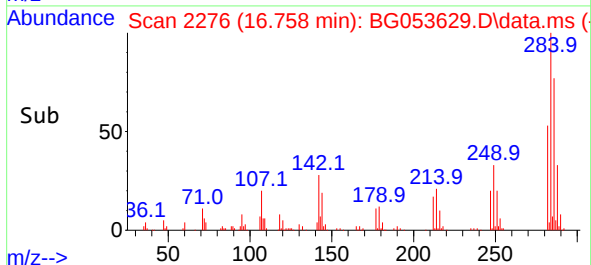
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#68
Hexachlorobenzene
Concen: 48.481 ng
RT: 16.758 min Scan# 2276
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



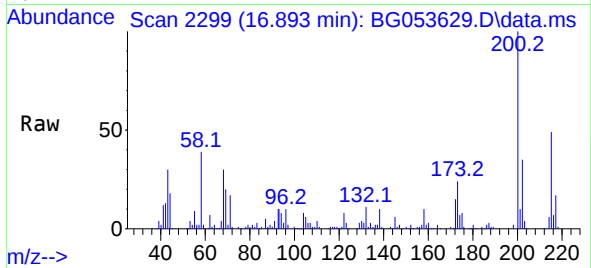
Tgt Ion:284 Resp: 119666
Ion Ratio Lower Upper
284 100
142 28.4 23.6 35.4
249 32.9 25.8 38.6





#69
Atrazine
Concen: 49.350 ng
RT: 16.893 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

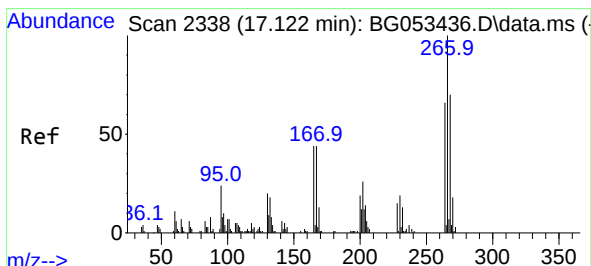
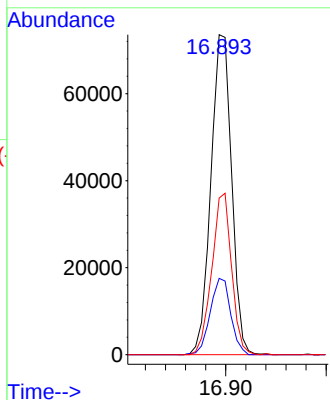
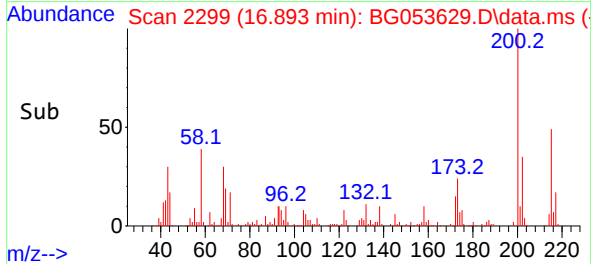
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



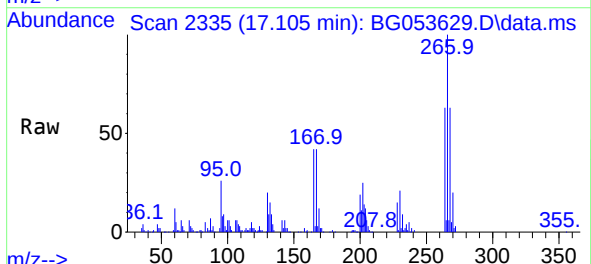
Tgt Ion:200 Resp: 10526
Ion Ratio Lower Upper
200 100
173 23.9 3.7 43.7
215 49.0 25.2 65.2

Manual Integrations
APPROVED

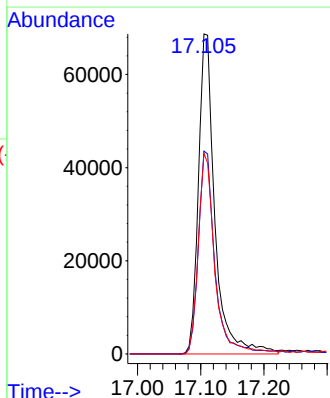
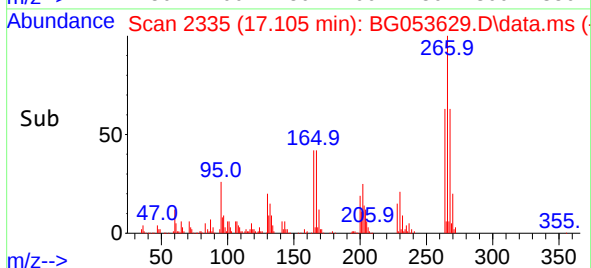
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

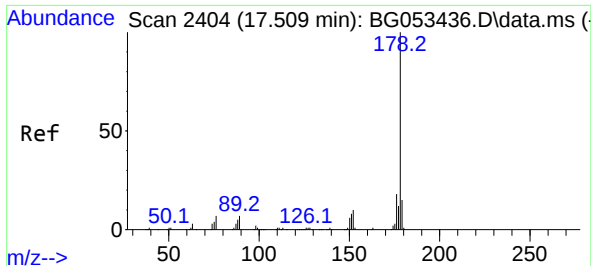


#70
Pentachlorophenol
Concen: 92.777 ng
RT: 17.105 min Scan# 2335
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



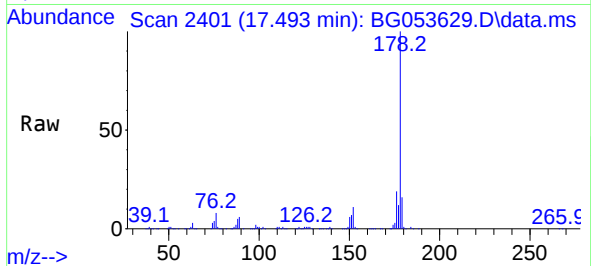
Tgt Ion:266 Resp: 124373
Ion Ratio Lower Upper
266 100
268 63.4 56.2 84.2
264 62.7 53.0 79.4





#71
Phenanthrene
Concen: 47.744 ng
RT: 17.493 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

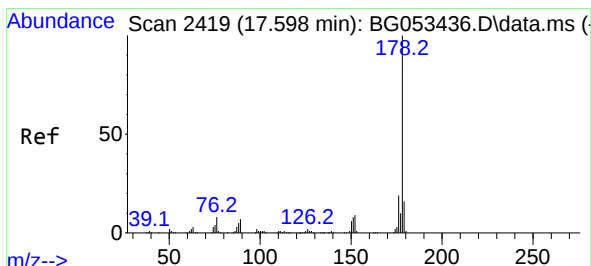
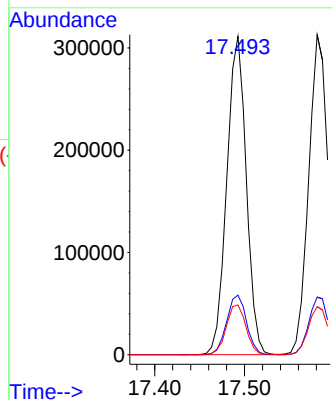
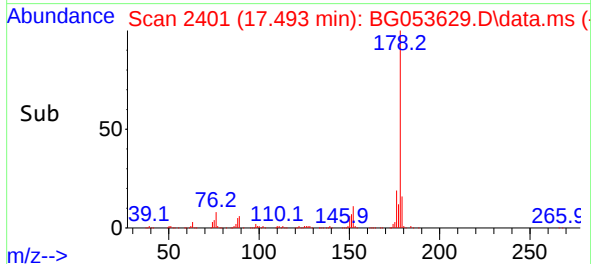
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



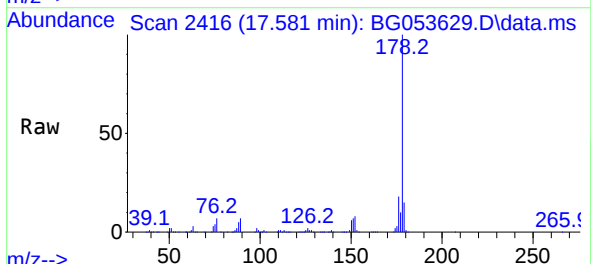
Tgt Ion:178 Resp: 468489
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 15.6 12.1 18.1

Manual Integrations
APPROVED

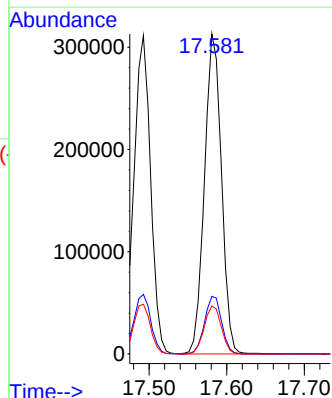
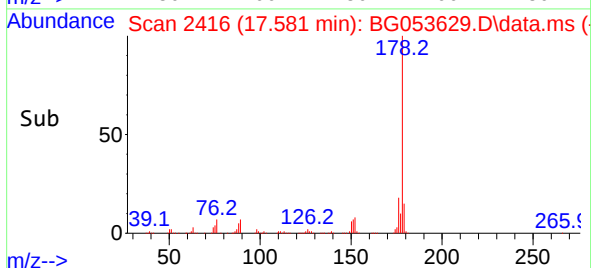
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

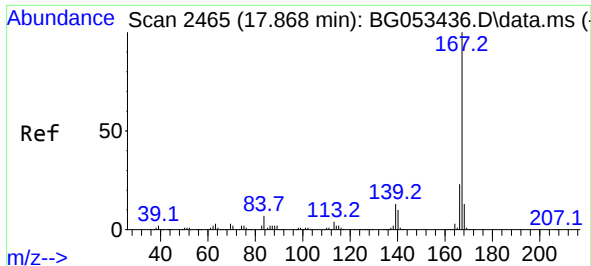


#72
Anthracene
Concen: 49.331 ng
RT: 17.581 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



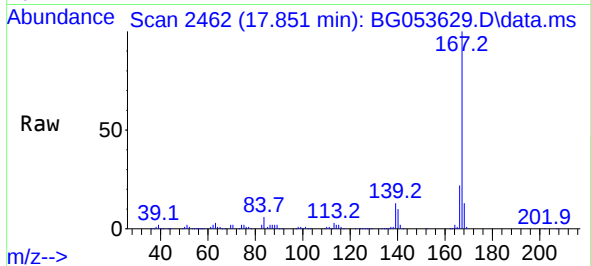
Tgt Ion:178 Resp: 475797
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 15.0 13.0 19.4





#73
Carbazole
Concen: 45.392 ng
RT: 17.851 min Scan# 2465
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

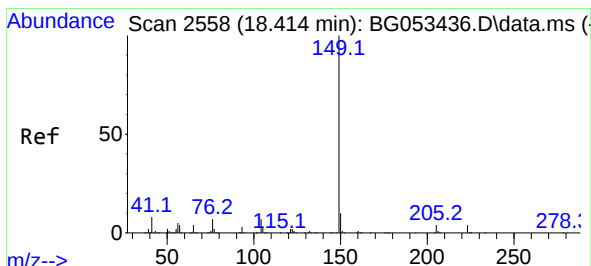
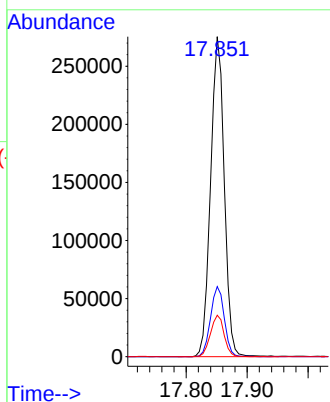
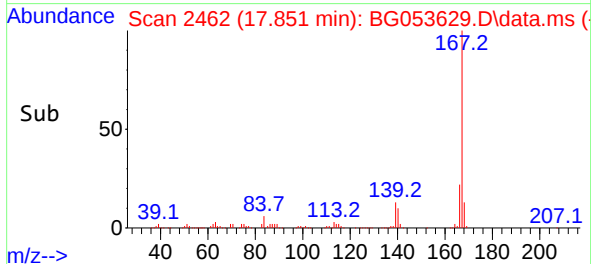
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



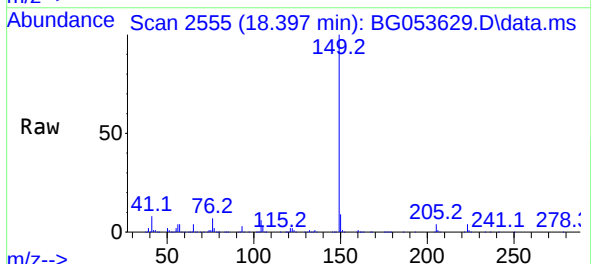
Tgt Ion:167 Resp: 429075
Ion Ratio Lower Upper
167 100
166 21.9 18.2 27.2
139 13.0 10.1 15.1

Manual Integrations
APPROVED

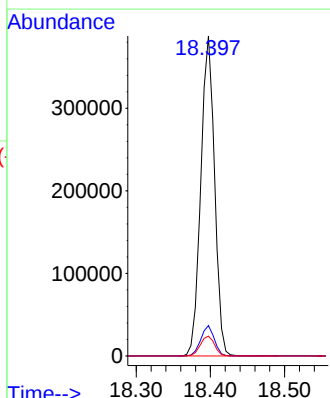
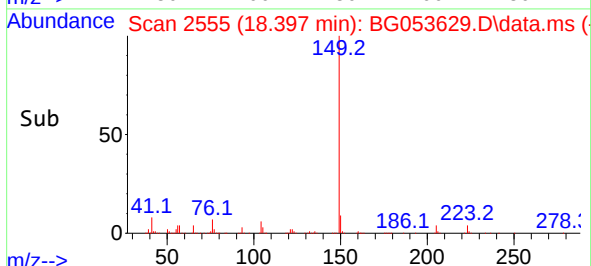
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

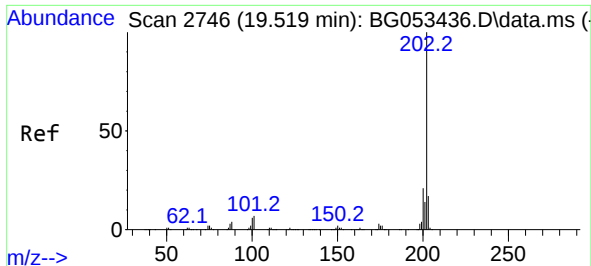


#74
Di-n-butylphthalate
Concen: 47.006 ng
RT: 18.397 min Scan# 2555
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



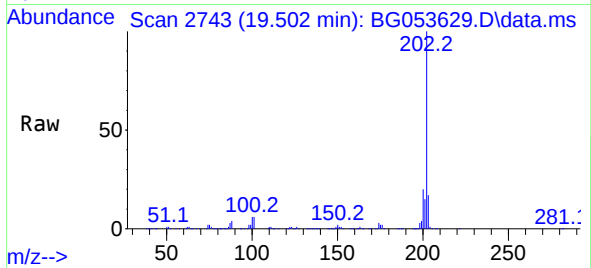
Tgt Ion:149 Resp: 499722
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 6.2 5.4 8.0





#75
Fluoranthene
Concen: 45.803 ng
RT: 19.502 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

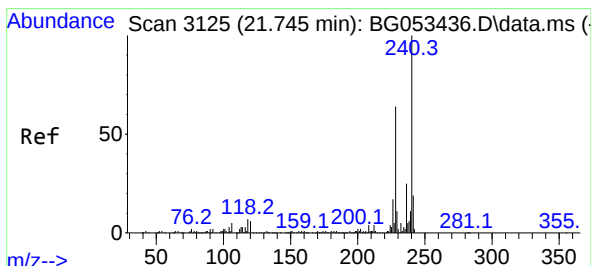
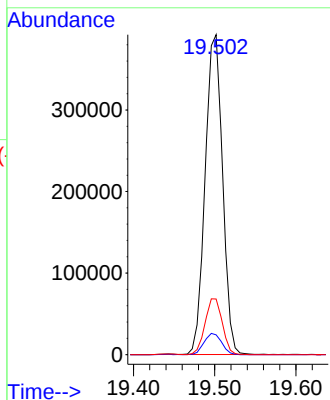
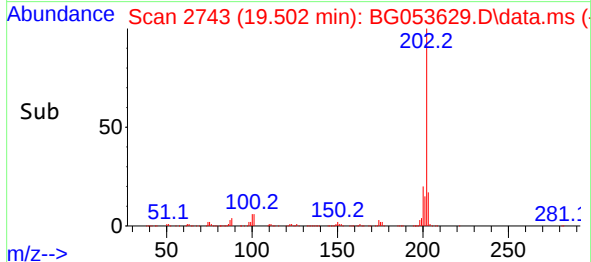
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



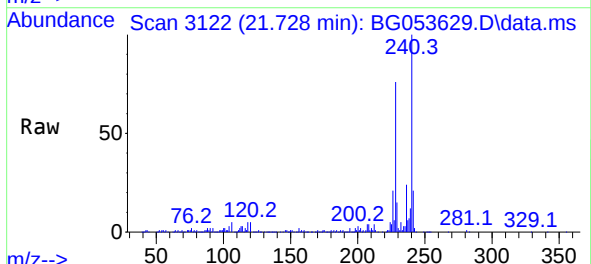
Tgt Ion:202 Resp: 581949
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.9
203 17.4 0.0 37.2

Manual Integrations
APPROVED

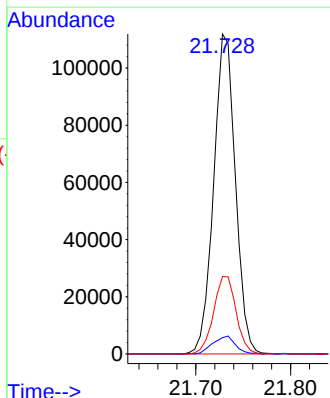
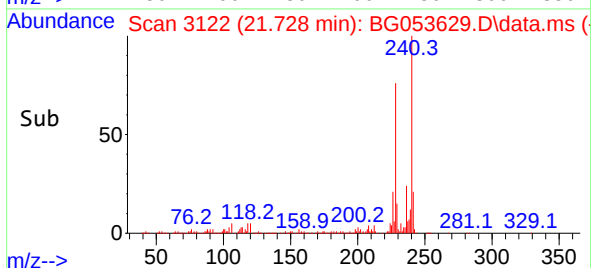
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

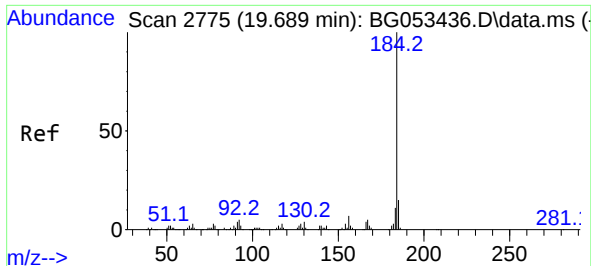


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



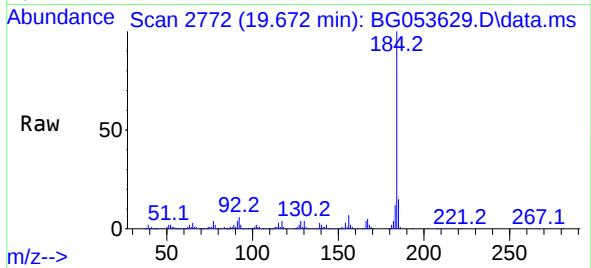
Tgt Ion:240 Resp: 178233
Ion Ratio Lower Upper
240 100
120 5.1 4.6 7.0
236 24.2 20.2 30.4





#77
Benzidine
Concen: 98.084 ng
RT: 19.672 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

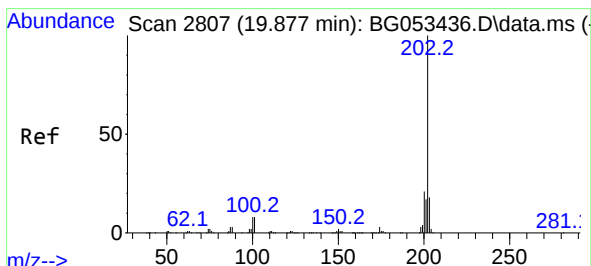
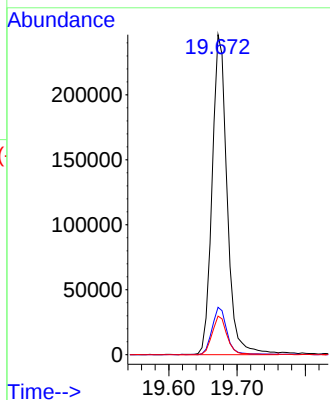
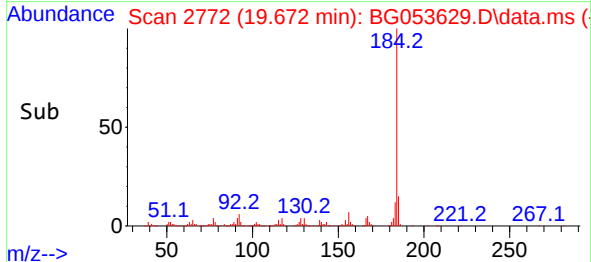
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



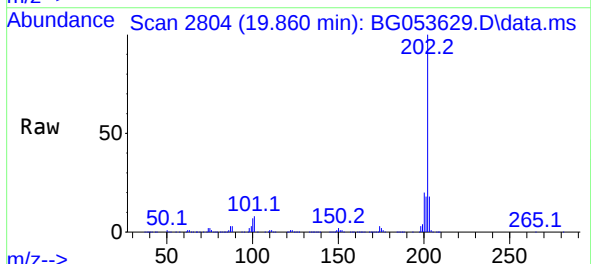
Tgt Ion:184 Resp: 376799
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.1 8.9 13.3

Manual Integrations
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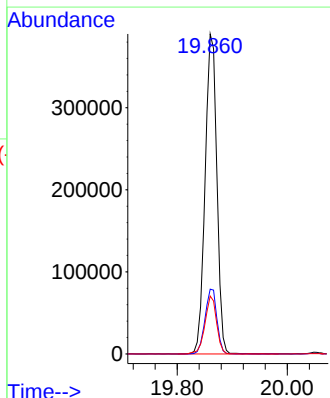
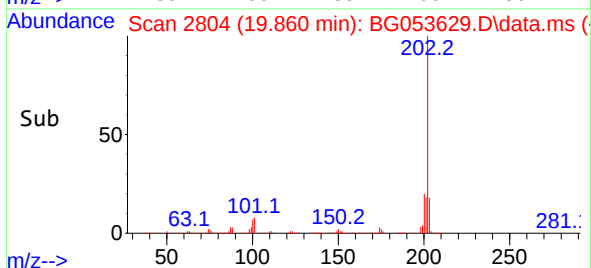
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

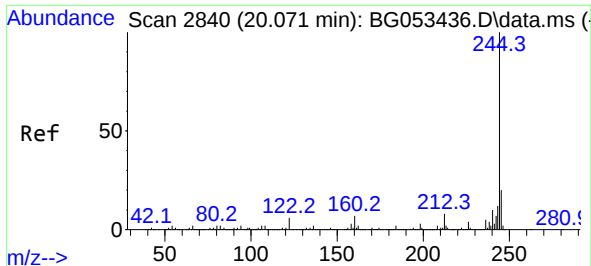


#78
Pyrene
Concen: 49.914 ng
RT: 19.860 min Scan# 2804
Delta R.T. -0.005 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



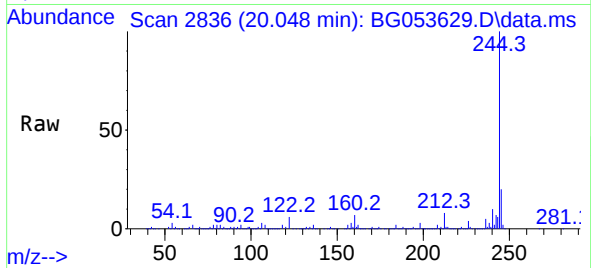
Tgt Ion:202 Resp: 575900
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 68.511 ng
 RT: 20.048 min Scan# 2836
 Delta R.T. -0.005 min
 Lab File: BG053629.D
 Acq: 19 May 2022 16:54

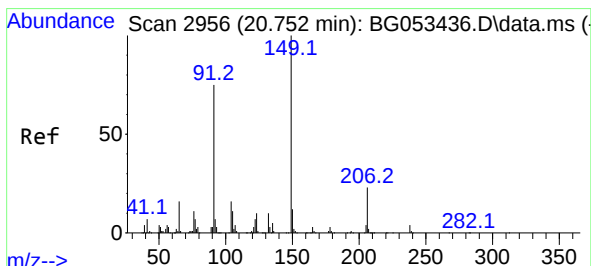
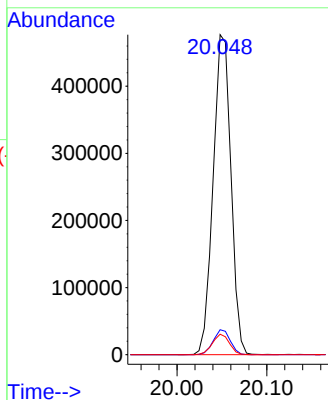
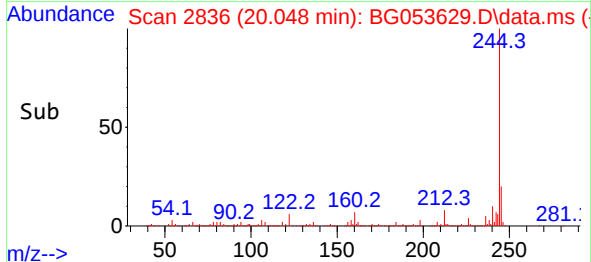
Instrument :
 BNA_G
 ClientSampleId :
 P018-SS001-0006-01MSD



Tgt Ion:244 Resp: 655628
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.4 5.0 7.4

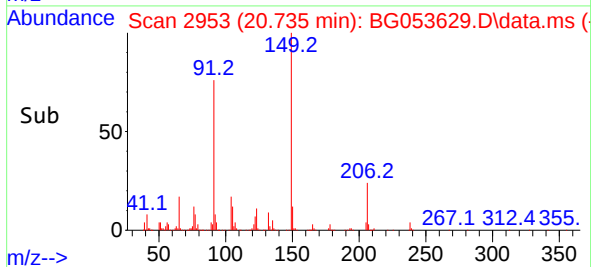
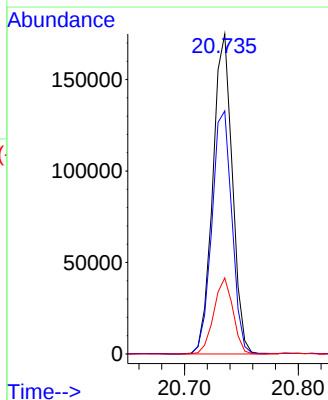
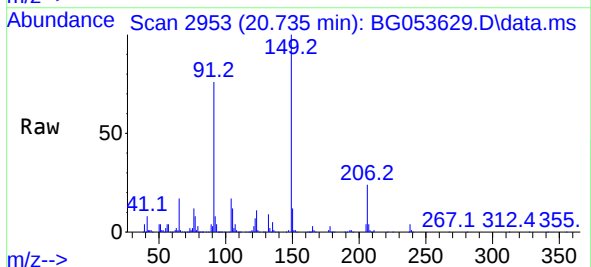
Manual Integrations
 APPROVED

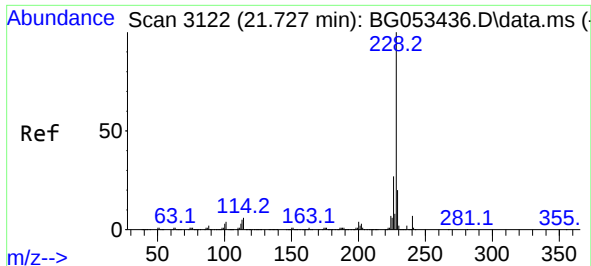
Reviewed By :Christian Giraldo 05/20/2022
 Supervised By :Jagrut Upadhyay 05/20/2022



#80
 Butylbenzylphthalate
 Concen: 49.430 ng
 RT: 20.735 min Scan# 2953
 Delta R.T. 0.001 min
 Lab File: BG053629.D
 Acq: 19 May 2022 16:54

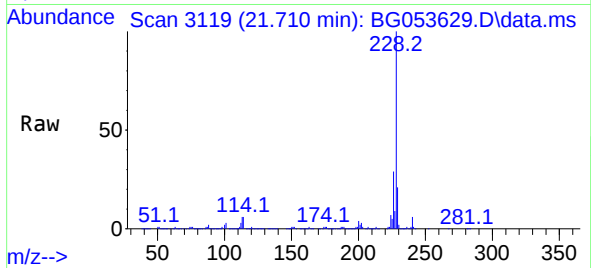
Tgt Ion:149 Resp: 209131
 Ion Ratio Lower Upper
 149 100
 91 76.0 59.6 89.4
 206 23.8 18.6 28.0





#81
Benzo(a)anthracene
Concen: 49.034 ng
RT: 21.710 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

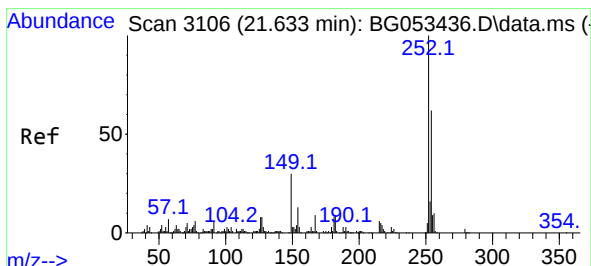
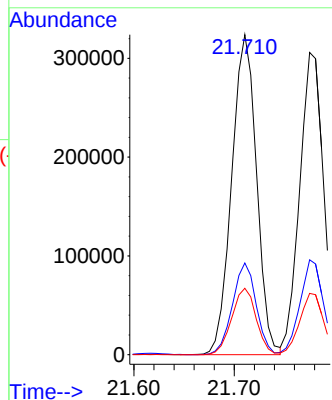
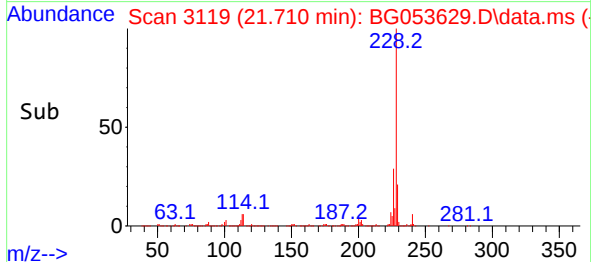
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:228 Resp: 55742
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 20.7 16.2 24.2

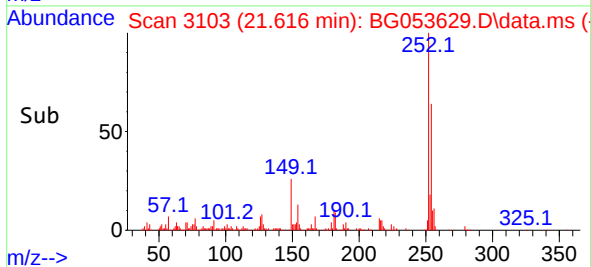
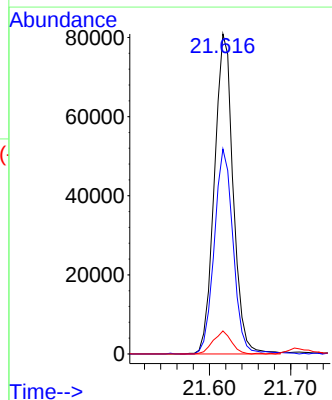
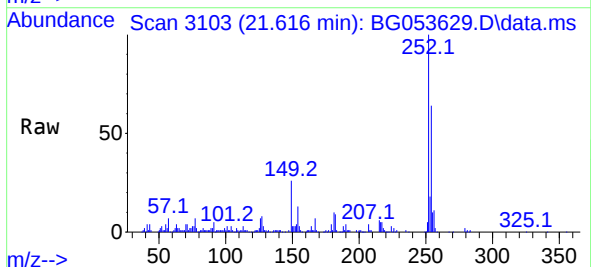
Manual Integrations
APPROVED

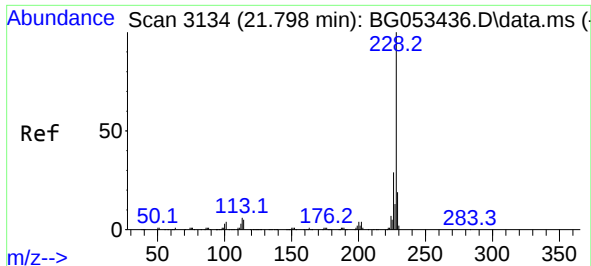
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#82
3,3'-Dichlorobenzidine
Concen: 44.999 ng
RT: 21.616 min Scan# 3103
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

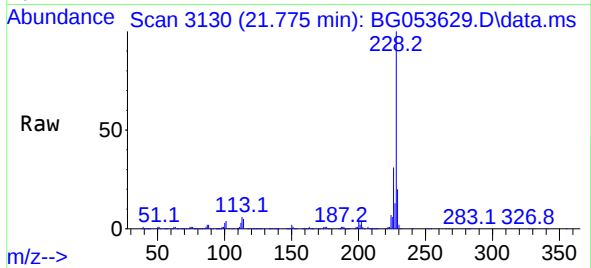
Tgt Ion:252 Resp: 129723
Ion Ratio Lower Upper
252 100
254 64.1 49.8 74.8
126 7.2 6.0 9.0





#83
Chrysene
Concen: 47.502 ng
RT: 21.775 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

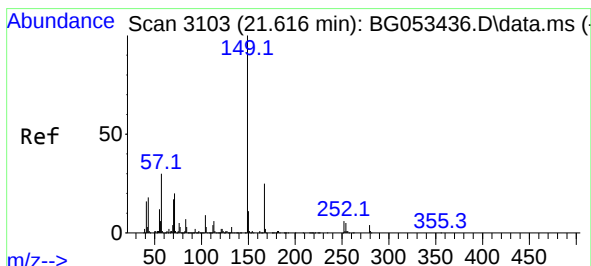
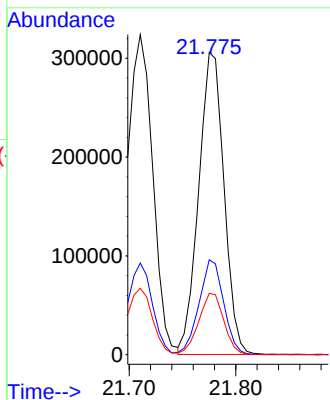
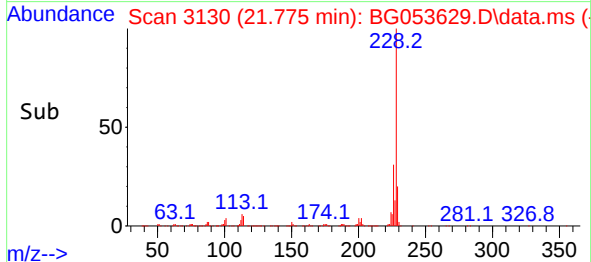
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:228 Resp: 50434
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.2
229 20.3 15.5 23.3

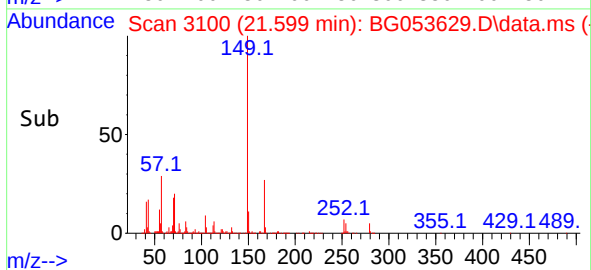
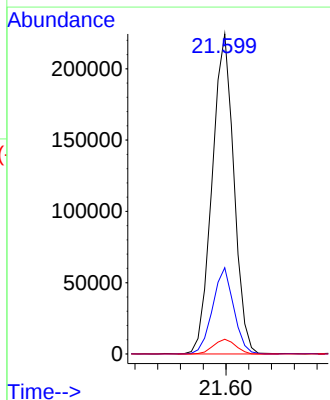
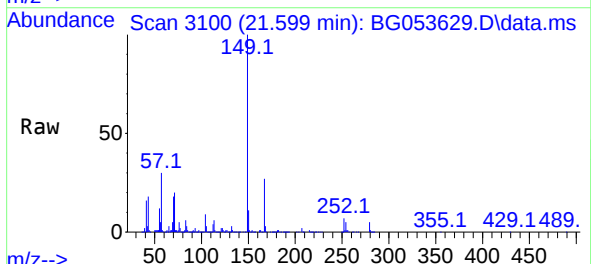
Manual Integrations
APPROVED

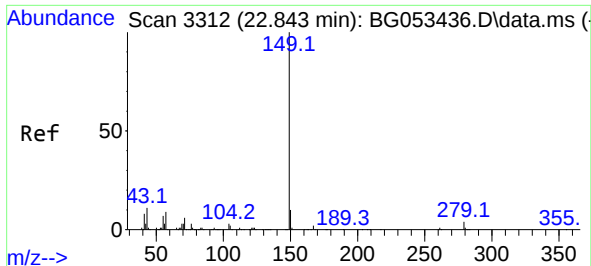
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.061 ng
RT: 21.599 min Scan# 3100
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

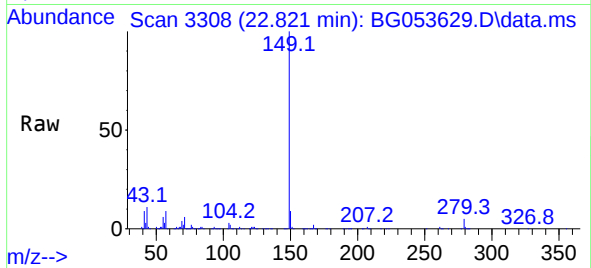
Tgt Ion:149 Resp: 298179
Ion Ratio Lower Upper
149 100
167 26.9 20.2 30.4
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.064 ng
RT: 22.821 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

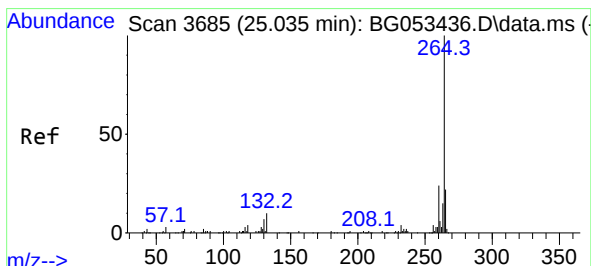
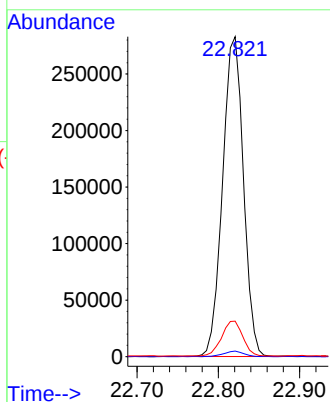
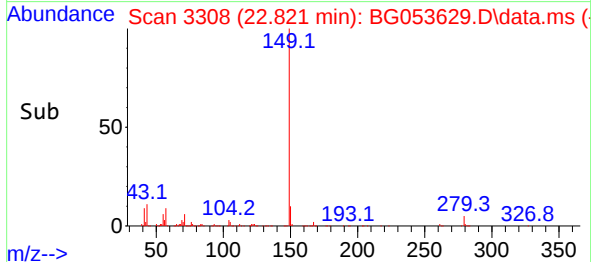
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:149 Resp: 504244
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 9.0 13.4

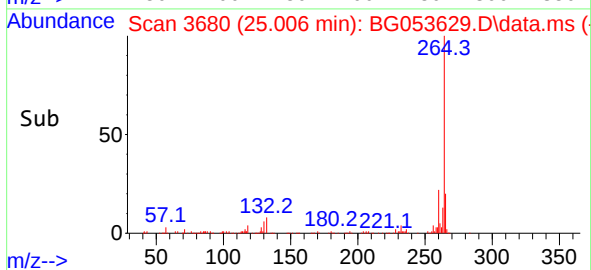
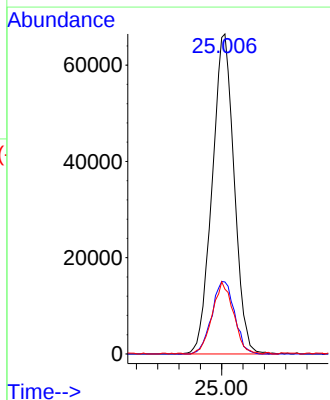
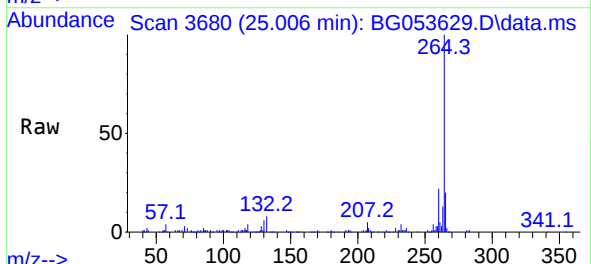
Manual Integrations
APPROVED

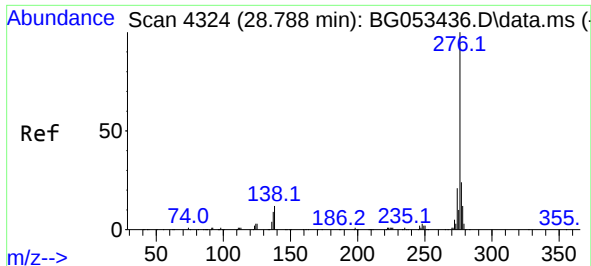
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3680
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

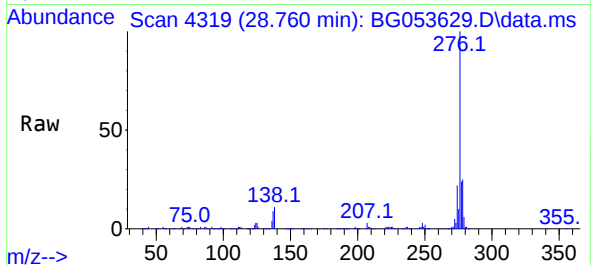
Tgt Ion:264 Resp: 189761
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 20.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.858 ng
RT: 28.760 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

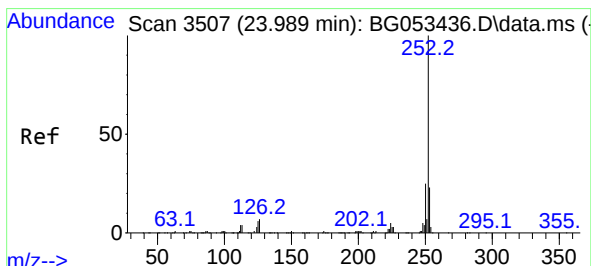
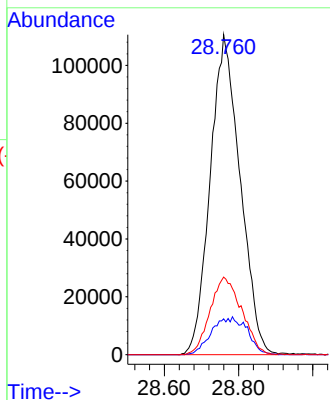
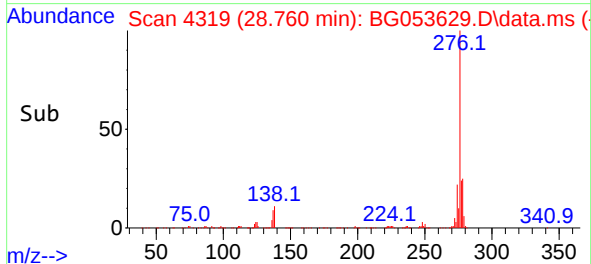
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



Tgt Ion:276 Resp: 61929
Ion Ratio Lower Upper
276 100
138 6.2 5.0 7.4
277 25.6 20.3 30.5

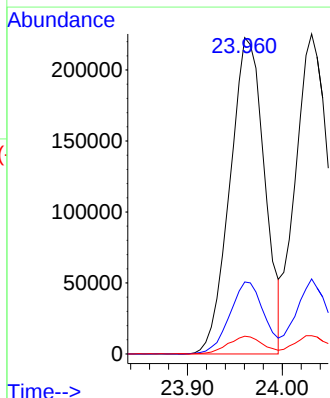
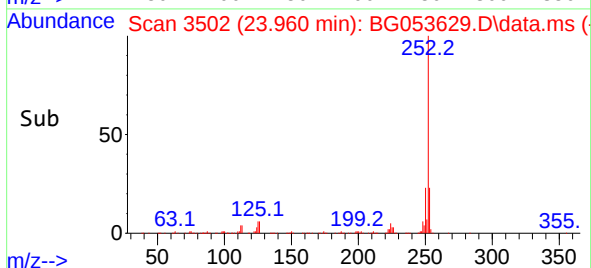
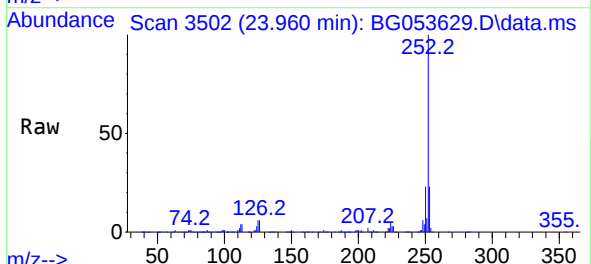
Manual Integrations
APPROVED

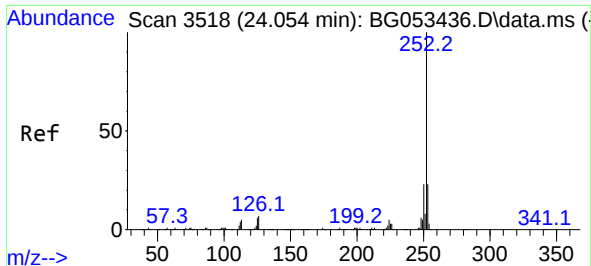
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#88
Benzo(b)fluoranthene
Concen: 50.395 ng
RT: 23.960 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

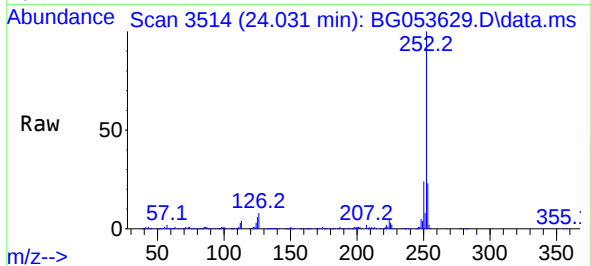
Tgt Ion:252 Resp: 566053
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 5.6 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 49.473 ng
RT: 24.031 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

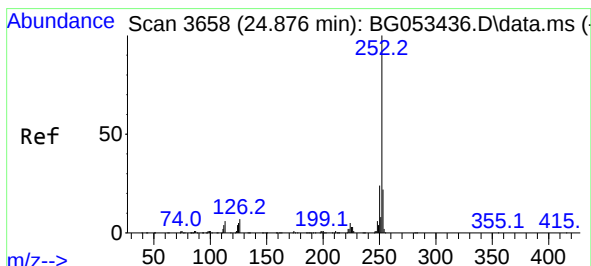
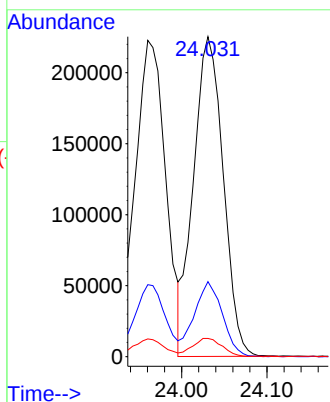
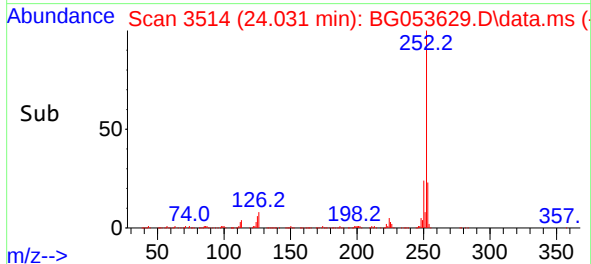
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



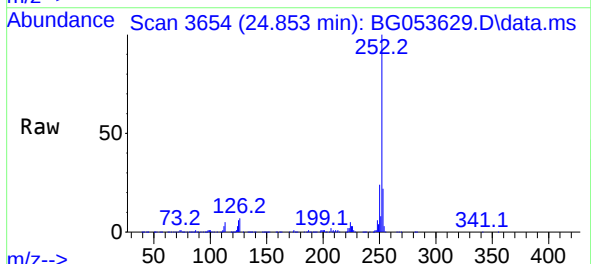
Tgt Ion:252 Resp: 546050
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 5.7 4.8 7.2

Manual Integrations
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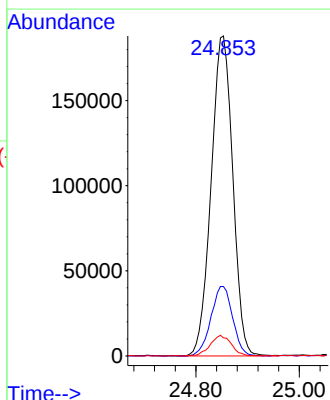
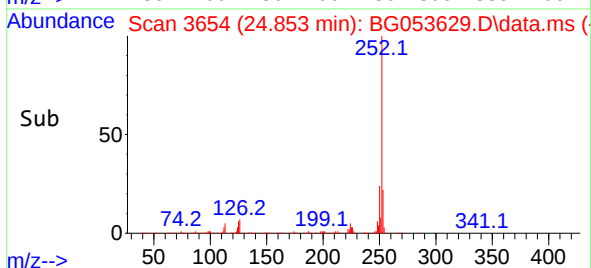
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

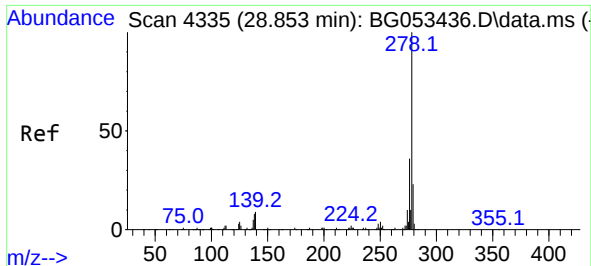


#90
Benzo(a)pyrene
Concen: 57.125 ng
RT: 24.853 min Scan# 3654
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



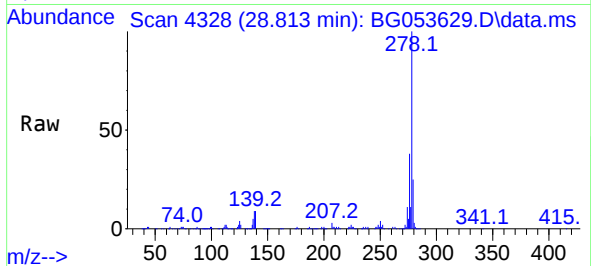
Tgt Ion:252 Resp: 546129
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 5.6 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 49.636 ng
RT: 28.813 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54

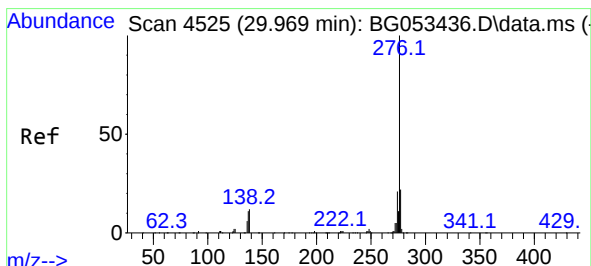
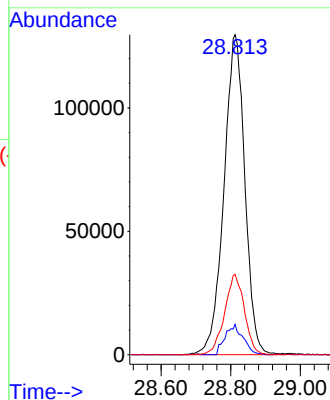
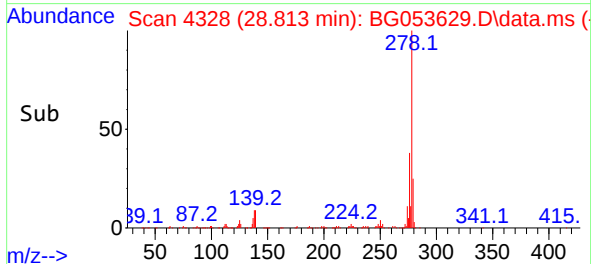
Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MSD



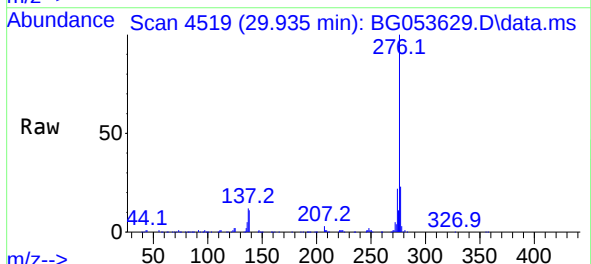
Tgt Ion:278 Resp: 540552
Ion Ratio Lower Upper
278 100
139 9.5 7.2 10.8
279 25.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#92
Benzo(g,h,i)perylene
Concen: 49.714 ng
RT: 29.935 min Scan# 4519
Delta R.T. 0.001 min
Lab File: BG053629.D
Acq: 19 May 2022 16:54



Tgt Ion:276 Resp: 536658
Ion Ratio Lower Upper
276 100
277 22.7 17.3 25.9
138 10.8 9.6 14.4

