

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053257.D
 Acq On : 22 Apr 2022 12:23
 Operator : CG/JU
 Sample : PB144251BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144251BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:14:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	28947	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	113586	20.000	ng	0.00
39) Acenaphthene-d10	14.736	164	83579	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	205610	20.000	ng	0.00
76) Chrysene-d12	21.768	240	202326	20.000	ng	0.00
86) Perylene-d12	25.064	264	203913	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	236342	139.957	ng	0.00
7) Phenol-d6	7.276	99	338661	130.048	ng	0.00
23) Nitrobenzene-d5	9.273	82	233614	83.510	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	171217	128.763	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	523289	86.333	ng	0.00
79) Terphenyl-d14	20.082	244	1029939	85.974	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.551	88	27328	33.887	ng	# 91
3) Pyridine	3.951	79	74321	34.943	ng	# 86
4) n-Nitrosodimethylamine	3.863	42	47827	45.408	ng	87
6) Aniline	7.429	93	114799	38.038	ng	96
8) 2-Chlorophenol	7.675	128	91504	50.192	ng	93
9) Benzaldehyde	7.241	77	69509m	44.654	ng	
10) Phenol	7.299	94	127878	49.333	ng	88
11) bis(2-Chloroethyl)ether	7.523	93	87308	46.725	ng	94
12) 1,3-Dichlorobenzene	7.998	146	99306	46.877	ng	# 92
13) 1,4-Dichlorobenzene	8.145	146	99725m	46.175	ng	
14) 1,2-Dichlorobenzene	8.468	146	97220	46.681	ng	99
15) Benzyl Alcohol	8.345	79	103116	44.549	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.633	45	137966	44.226	ng	98
17) 2-Methylphenol	8.551	107	84977	48.445	ng	98
18) Hexachloroethane	9.197	117	37985	46.902	ng	98
19) n-Nitroso-di-n-propyla...	8.909	70	83623	43.862	ng	# 96
20) 3+4-Methylphenols	8.880	107	115665	46.711	ng	92
22) Acetophenone	8.932	105	147771	46.894	ng	# 96
24) Nitrobenzene	9.314	77	127967	47.029	ng	90
25) Isophorone	9.837	82	223031	46.906	ng	98
26) 2-Nitrophenol	10.031	139	51313	45.098	ng	# 89
27) 2,4-Dimethylphenol	10.090	122	89651	55.016	ng	88
28) bis(2-Chloroethoxy)met...	10.319	93	120921	45.267	ng	99
29) 2,4-Dichlorophenol	10.571	162	97576	47.631	ng	98
30) 1,2,4-Trichlorobenzene	10.783	180	106758	46.045	ng	96
31) Naphthalene	10.977	128	285158	47.056	ng	99
32) Benzoic acid	10.242	122	47114m	44.695	ng	
33) 4-Chloroaniline	11.077	127	68185	26.274	ng	96
34) Hexachlorobutadiene	11.259	225	77832	45.191	ng	98
35) Caprolactam	11.846	113	31940m	44.233	ng	
36) 4-Chloro-3-methylphenol	12.199	107	111813	46.883	ng	97
37) 2-Methylnaphthalene	12.569	142	204521	45.610	ng	96
38) 1-Methylnaphthalene	12.792	142	195758	44.724	ng	94
40) 1,2,4,5-Tetrachloroben...	12.939	216	131835	46.443	ng	98
41) Hexachlorocyclopentadiene	12.921	237	144372	98.523	ng	94
43) 2,4,6-Trichlorophenol	13.174	196	90938	46.465	ng	97

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

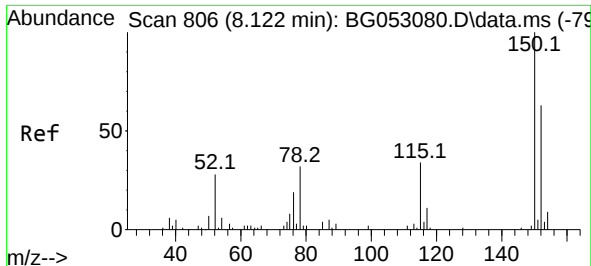
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QLast Update : Sun Apr 24 01:13:30 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.250	196	94617	45.367	ng	93	04/25/2022
46) 1,1'-Biphenyl	13.567	154	284104	47.202	ng	98	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.614	162	221400	46.106	ng	97	
48) 2-Nitroaniline	13.814	65	83409	45.771	ng	93	
49) Acenaphthylene	14.460	152	371632	49.439	ng	98	
50) Dimethylphthalate	14.184	163	301635	45.121	ng	98	
51) 2,6-Dinitrotoluene	14.302	165	64703	46.395	ng	# 79	04/25/2022
52) Acenaphthene	14.801	154	261328m	51.265	ng		
53) 3-Nitroaniline	14.631	138	47798	32.413	ng	86	
54) 2,4-Dinitrophenol	14.842	184	75051	84.578	ng	91	
55) Dibenzofuran	15.130	168	358877	44.960	ng	98	
56) 4-Nitrophenol	14.954	139	105878	94.140	ng	# 82	
57) 2,4-Dinitrotoluene	15.095	165	93789	47.237	ng	# 95	
58) Fluorene	15.782	166	295527	45.840	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.365	232	88094	43.495	ng	97	
60) Diethylphthalate	15.541	149	306654	43.782	ng	99	
61) 4-Chlorophenyl-phenyle...	15.770	204	163122	44.635	ng	96	
62) 4-Nitroaniline	15.800	138	70849	45.530	ng	# 81	
63) Azobenzene	16.058	77	313470	44.390	ng	97	
65) 4,6-Dinitro-2-methylph...	15.858	198	57681	40.210	ng	94	
66) n-Nitrosodiphenylamine	15.982	169	266959	45.150	ng	98	
67) 4-Bromophenyl-phenylether	16.663	248	117689	44.671	ng	98	
68) Hexachlorobenzene	16.792	284	127431	44.663	ng	98	
69) Atrazine	16.927	200	115141	49.853	ng	96	
70) Pentachlorophenol	17.133	266	143063	91.748	ng	94	
71) Phenanthrene	17.521	178	505281	44.991	ng	97	
72) Anthracene	17.615	178	515055	46.292	ng	99	
73) Carbazole	17.879	167	478261	44.220	ng	98	
74) Di-n-butylphthalate	18.431	149	541311	44.130	ng	98	
75) Fluoranthene	19.530	202	648972	45.080	ng	99	
77) Benzidine	19.700	184	351767	60.936	ng	99	
78) Pyrene	19.888	202	647188	44.913	ng	99	
80) Butylbenzylphthalate	20.763	149	242064	45.059	ng	97	
81) Benzo(a)anthracene	21.744	228	629369	45.496	ng	98	
82) 3,3'-Dichlorobenzidine	21.651	252	149917	29.468	ng	99	
83) Chrysene	21.815	228	578367	45.049	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.639	149	331622	45.668	ng	99	
85) Di-n-octyl phthalate	22.867	149	550633	45.340	ng	96	
87) Indeno(1,2,3-cd)pyrene	28.847	276	690960	45.609	ng	98	
88) Benzo(b)fluoranthene	24.018	252	617205	47.973	ng	98	
89) Benzo(k)fluoranthene	24.088	252	607287	48.027	ng	98	
90) Benzo(a)pyrene	24.911	252	605851	55.276	ng	97	
91) Dibenzo(a,h)anthracene	28.900	278	611164	49.015	ng	98	
92) Benzo(g,h,i)perylene	30.033	276	596806	48.561	ng	98	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

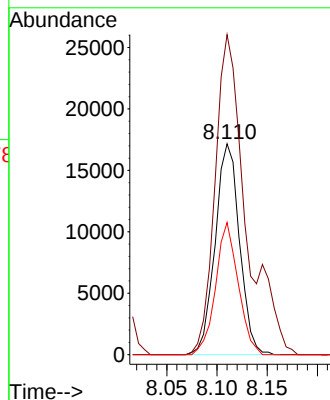
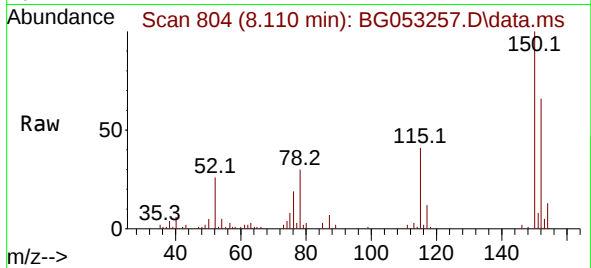
ClientSampleId :

PB144251BS

Tgt Ion:152 Resp: 2894
Ion Ratio Lower Upper
152 100
150 151.8 114.6 172.0
115 62.7 45.9 68.9

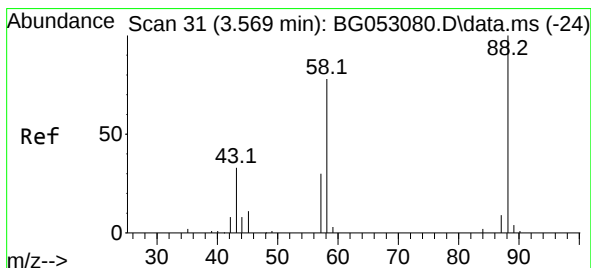
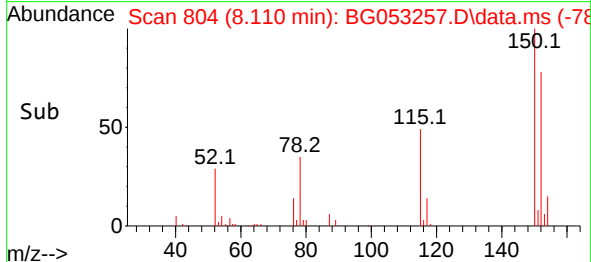
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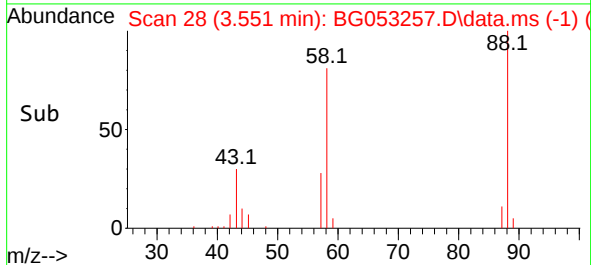
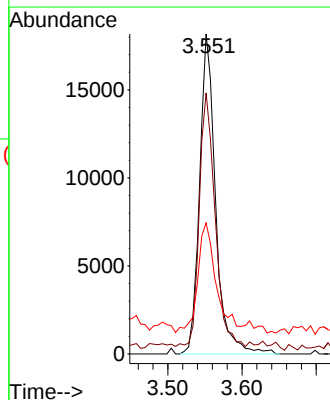
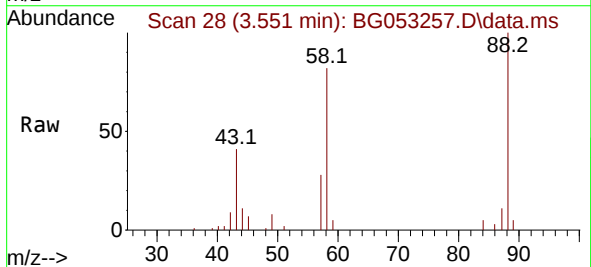
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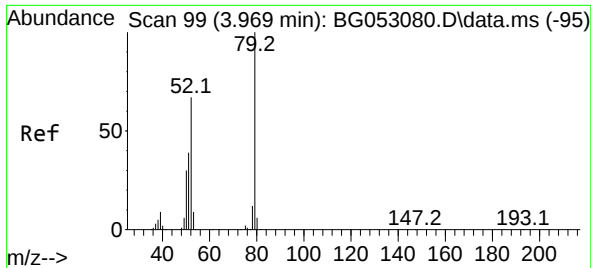
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#2
1,4-Dioxane
Concen: 33.887 ng
RT: 3.551 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 88 Resp: 27328
Ion Ratio Lower Upper
88 100
58 77.4 58.2 87.2
43 38.9 23.4 35.0#





#3
Pyridine
Concen: 34.943 ng
RT: 3.951 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

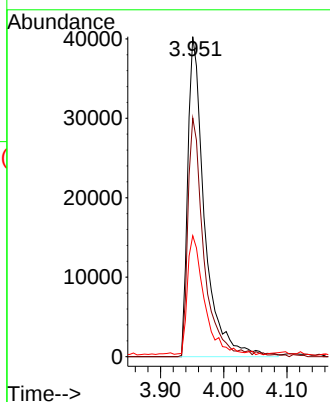
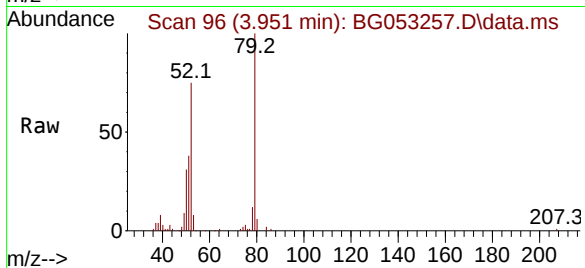
ClientSampleId :

PB144251BS

Tgt Ion: 79 Resp: 7432
Ion Ratio Lower Upper
79 100
52 74.6 50.9 76.3
51 37.8 24.4 36.6

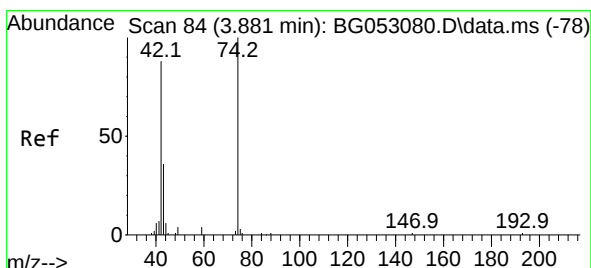
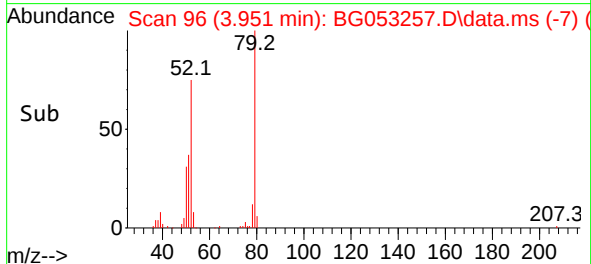
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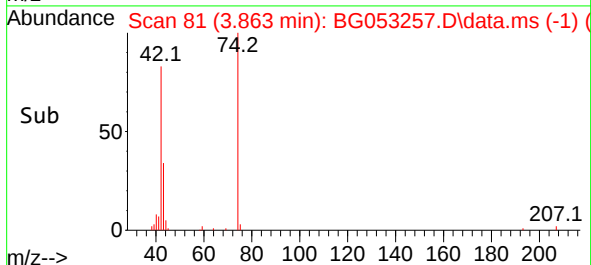
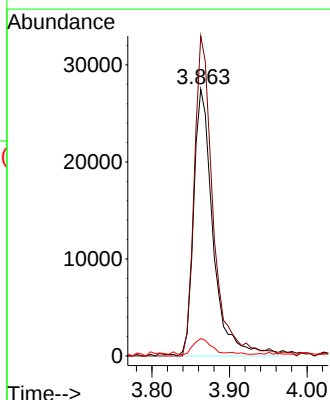
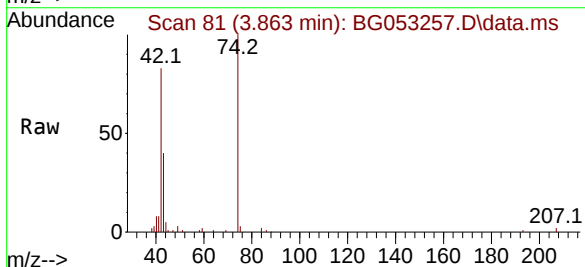
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#4
n-Nitrosodimethylamine
Concen: 45.408 ng
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

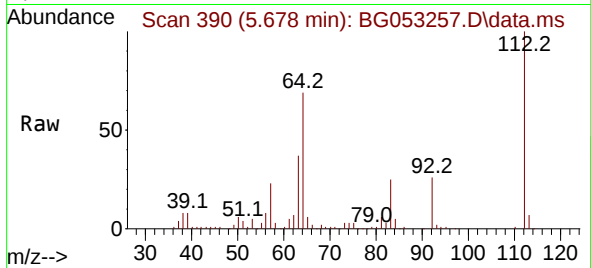
Tgt Ion: 42 Resp: 47827
Ion Ratio Lower Upper
42 100
74 119.9 108.9 163.3
44 6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 139.957 ng
RT: 5.678 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

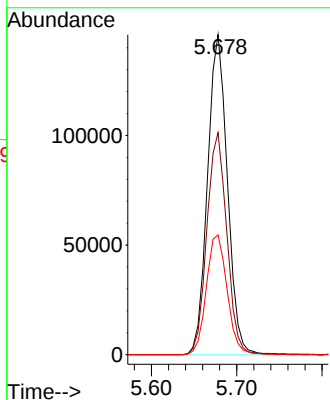
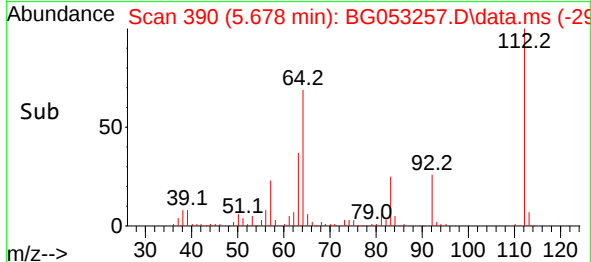
Instrument :
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Tgt Ion: 112 Resp: 236342
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 37.5 26.5 39.7

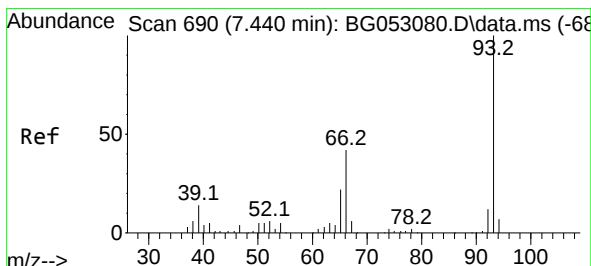
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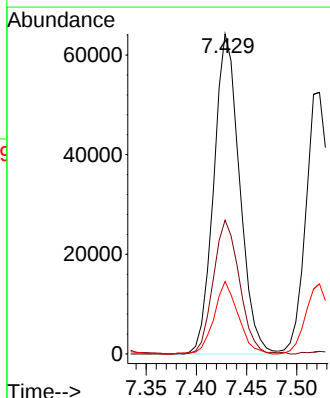
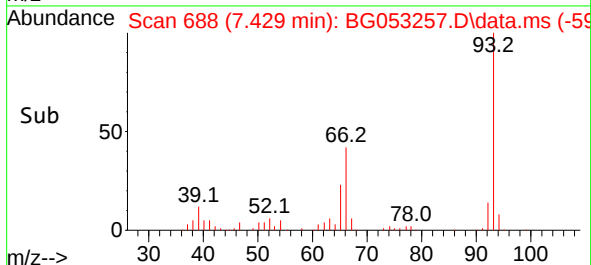
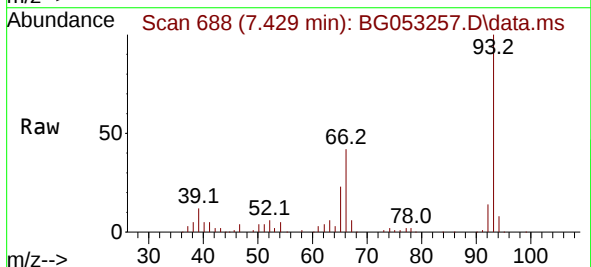
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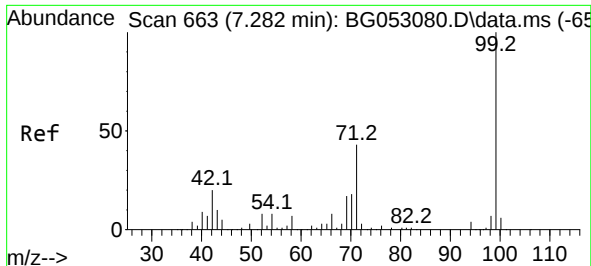
04/25/2022



#6
Aniline
Concen: 38.038 ng
RT: 7.429 min Scan# 688
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

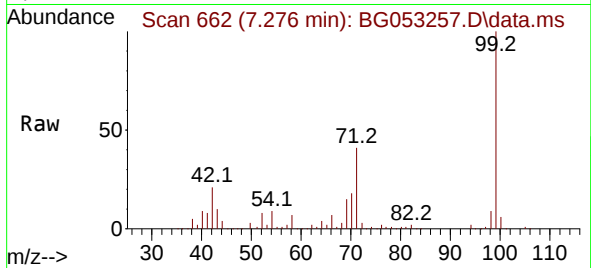
Tgt Ion: 93 Resp: 114799
Ion Ratio Lower Upper
93 100
66 41.8 31.3 46.9
65 22.7 16.7 25.1





#7
Phenol-d6
Concen: 130.048 ng
RT: 7.276 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

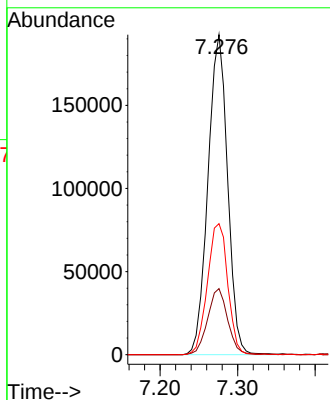
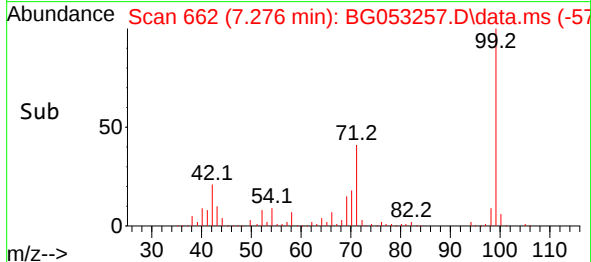
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 33866
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 40.9 29.2 43.8

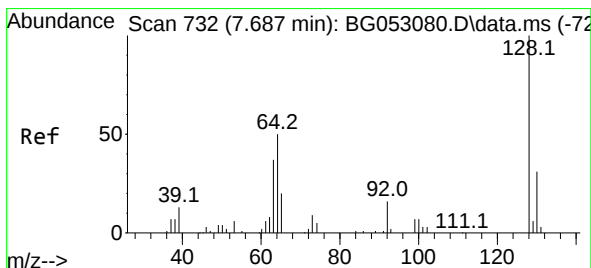
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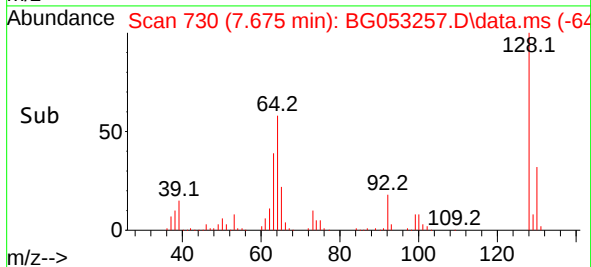
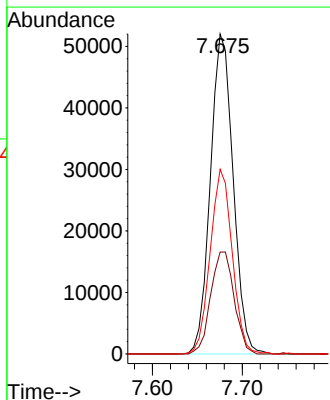
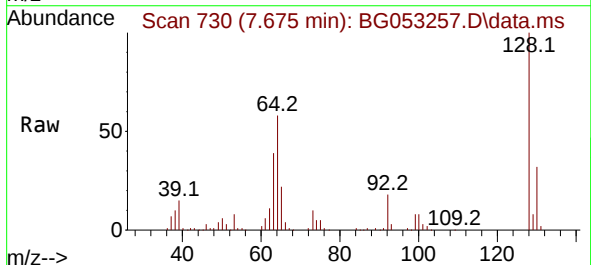
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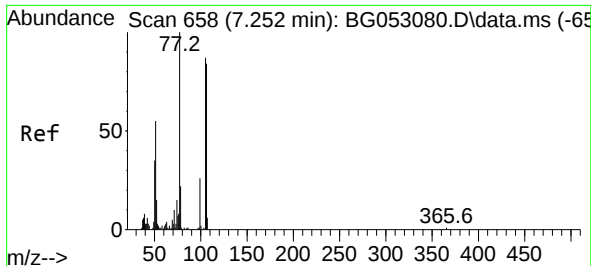
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#8
2-Chlorophenol
Concen: 50.192 ng
RT: 7.675 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:128 Resp: 91504
Ion Ratio Lower Upper
128 100
130 31.8 13.4 53.4
64 57.7 30.9 70.9





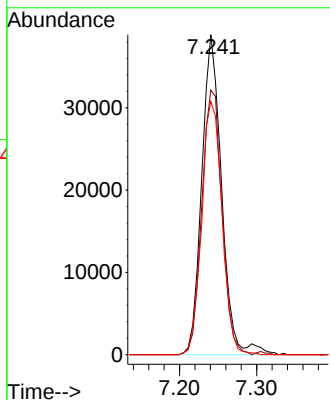
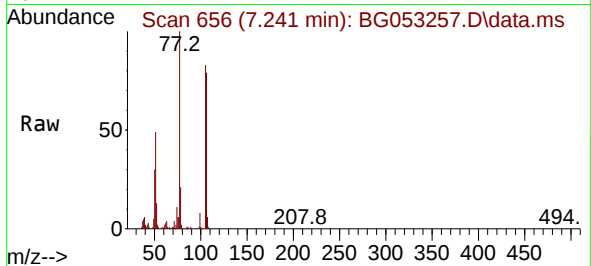
#9
Benzaldehyde
Concen: 44.654 ng m
RT: 7.241 min Scan# 658
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB144251BS

Tgt Ion: 77 Resp: 69509
Ion Ratio Lower Upper
77 100
105 82.6 70.6 110.6
106 79.1 67.6 107.6

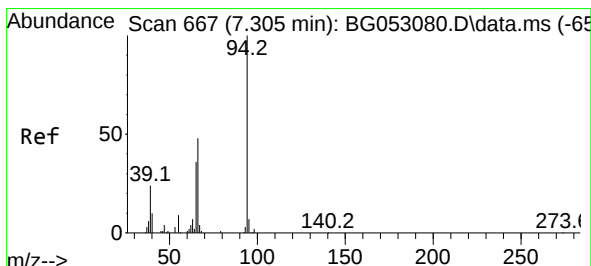
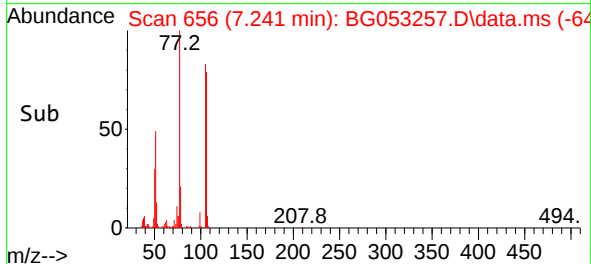
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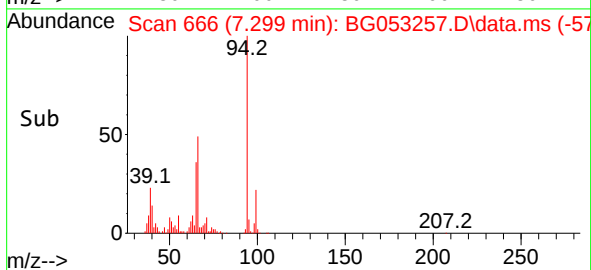
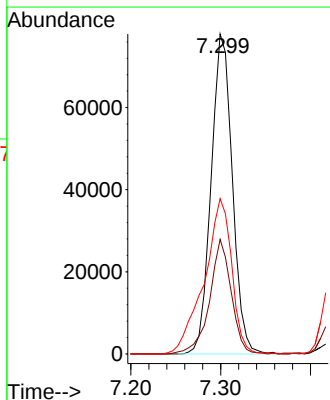
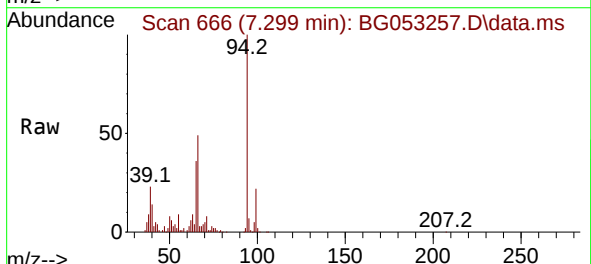
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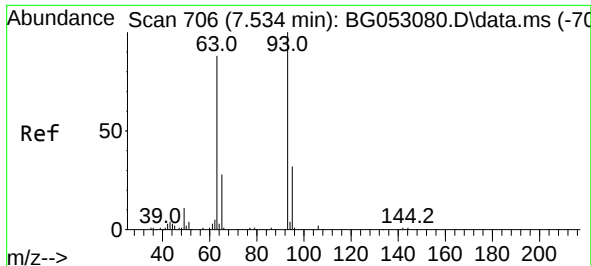
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#10
Phenol
Concen: 49.333 ng
RT: 7.299 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 94 Resp: 127878
Ion Ratio Lower Upper
94 100
65 35.8 11.1 51.1
66 48.5 20.0 60.0





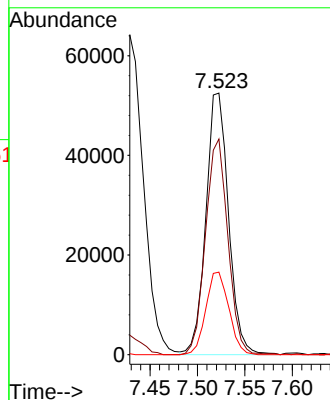
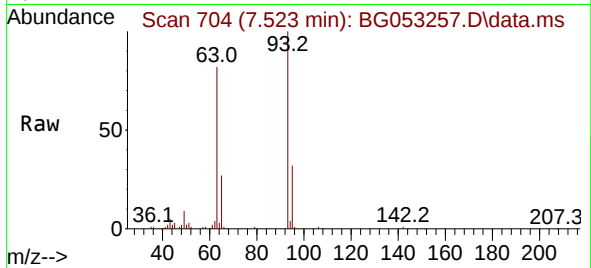
#11
bis(2-Chloroethyl)ether
Concen: 46.725 ng
RT: 7.523 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB144251BS

Tgt Ion: 93 Resp: 87308
Ion Ratio Lower Upper
93 100
63 82.4 56.9 96.9
95 31.5 14.5 54.5

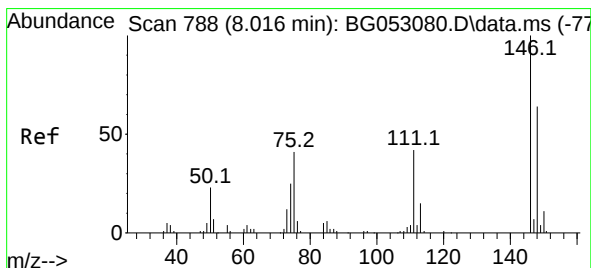
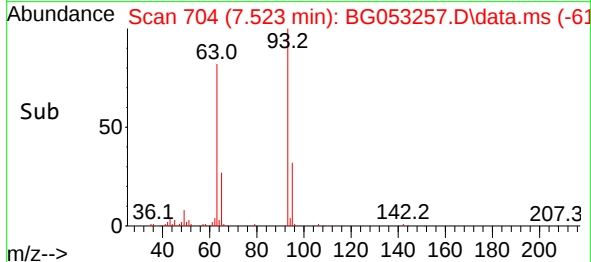
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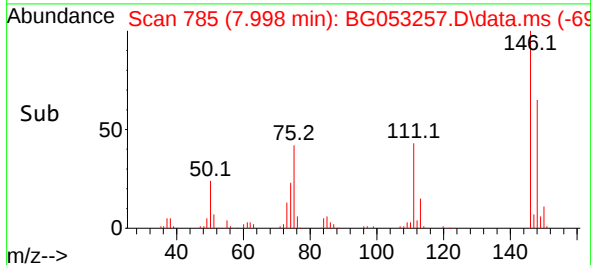
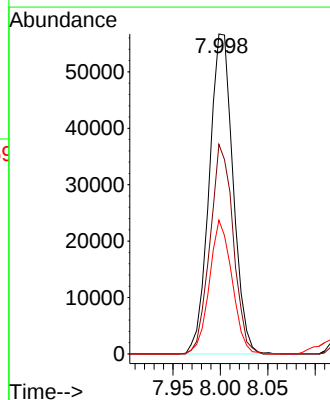
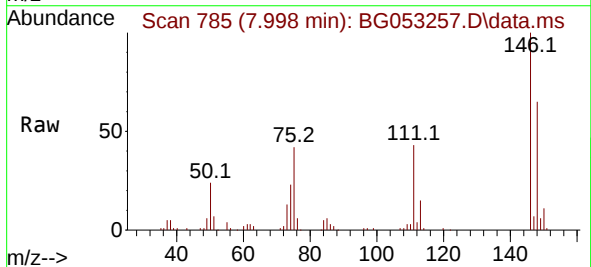
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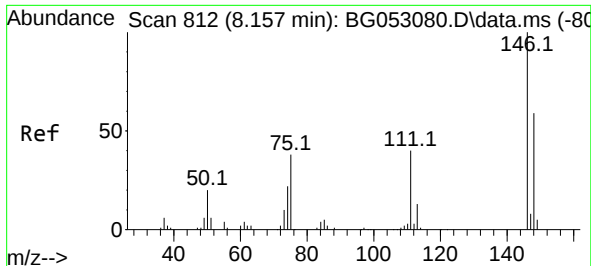
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#12
1,3-Dichlorobenzene
Concen: 46.877 ng
RT: 7.998 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:146 Resp: 99306
Ion Ratio Lower Upper
146 100
148 65.5 50.6 76.0
75 41.8 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 46.175 ng m

RT: 8.145 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

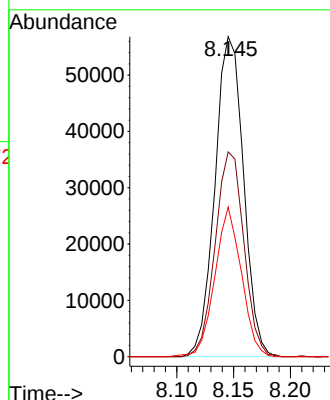
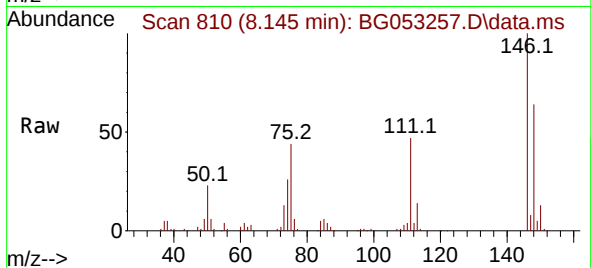
ClientSampleId :

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Tgt Ion:146 Resp: 99720
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.0 75.0
 111 46.7 31.0 46.4

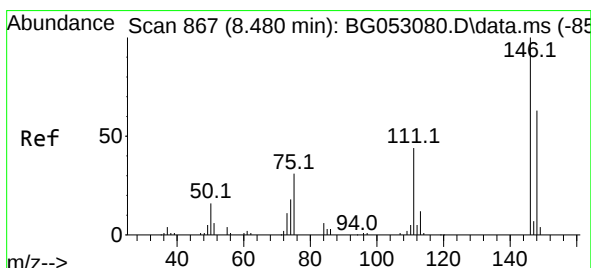
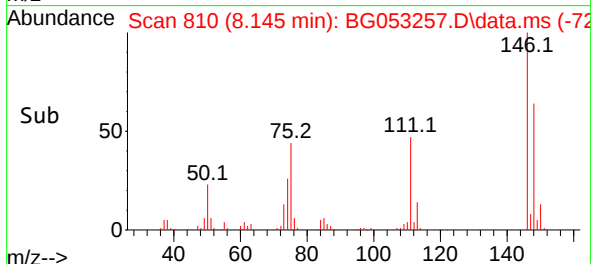
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#14

1,2-Dichlorobenzene

Concen: 46.681 ng

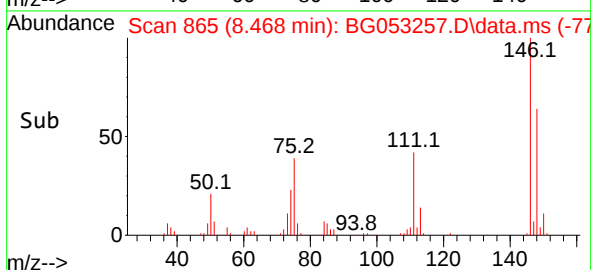
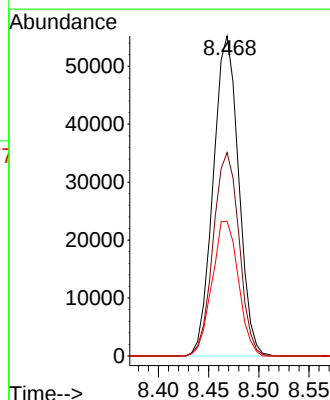
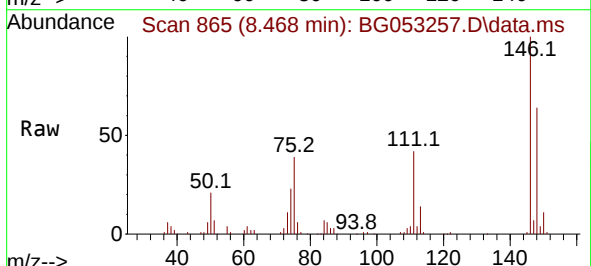
RT: 8.468 min Scan# 865

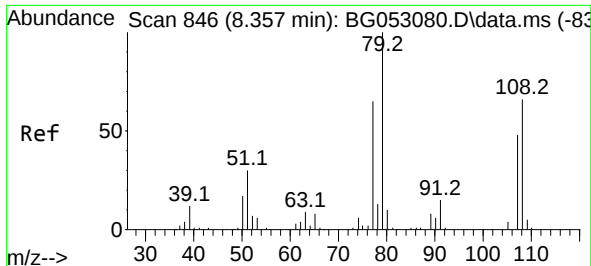
Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Tgt Ion:146 Resp: 97220
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 42.1 34.7 52.1





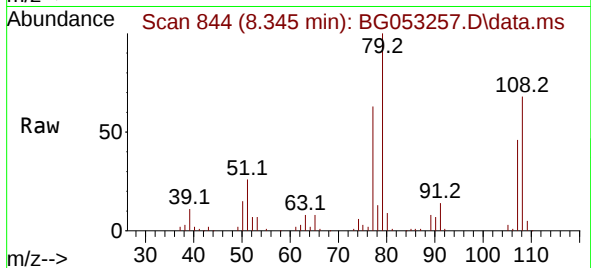
#15
Benzyl Alcohol
Concen: 44.549 ng
RT: 8.345 min Scan# 844
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

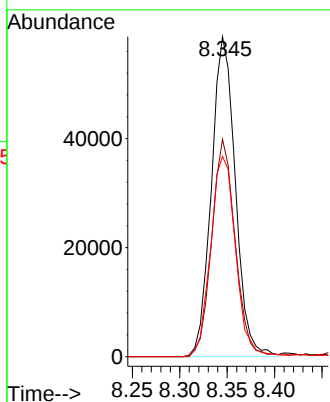
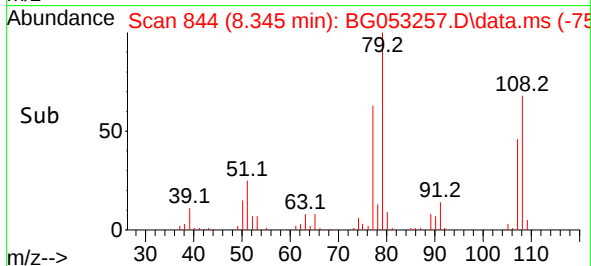
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Tgt Ion: 79 Resp: 103110
Ion Ratio Lower Upper
79 100
108 67.9 55.1 82.7
77 62.6 52.4 78.6

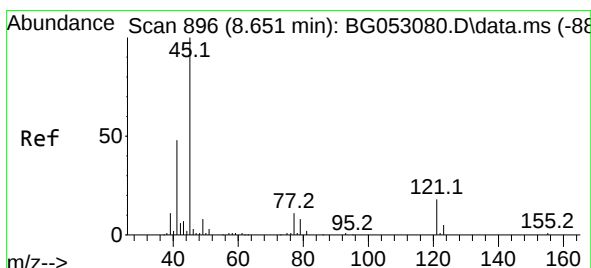
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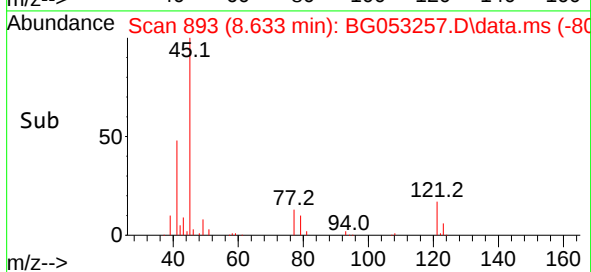
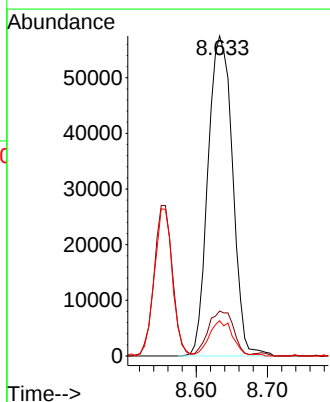
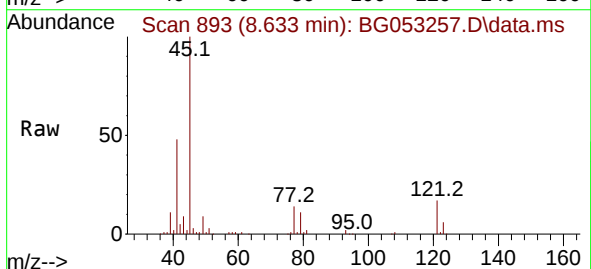
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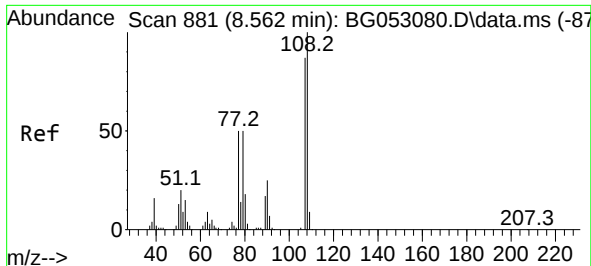
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.226 ng
RT: 8.633 min Scan# 893
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 45 Resp: 137966
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.9
79 11.0 0.0 30.7





#17
2-Methylphenol
Concen: 48.445 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

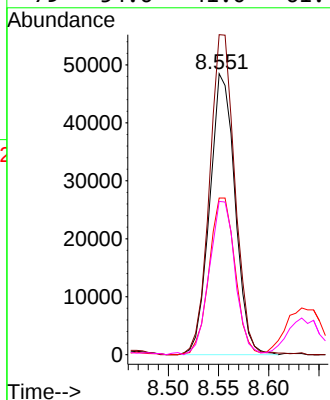
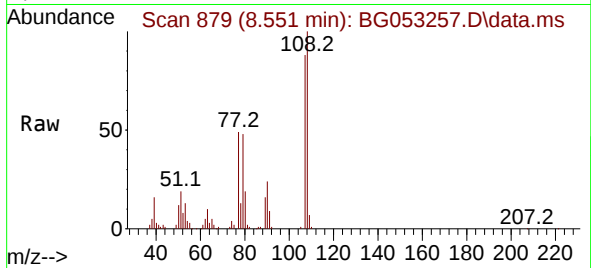
ClientSampleId :

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Tgt Ion:107 Resp: 8497
Ion Ratio Lower Upper
107 100
108 113.9 91.5 137.3
77 55.7 42.5 63.7
79 54.6 41.0 61.4

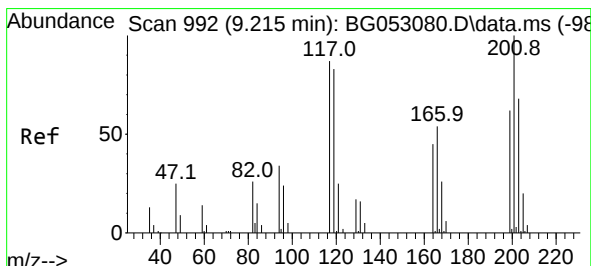
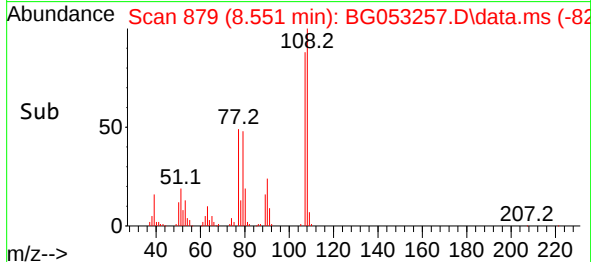
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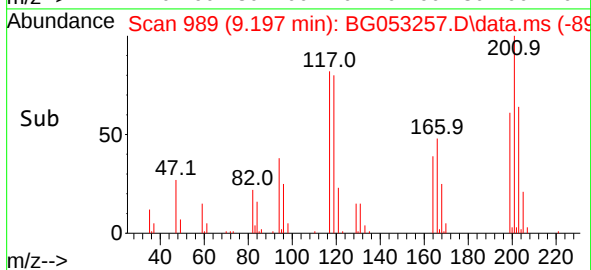
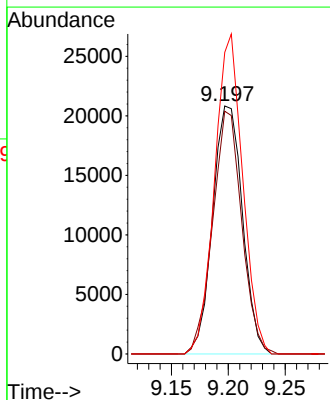
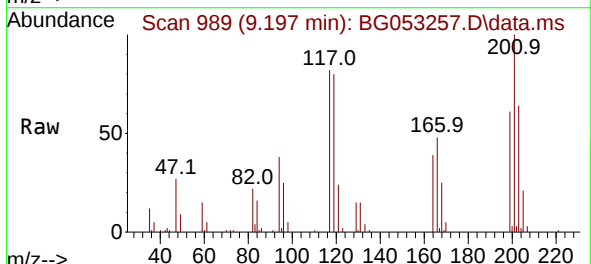
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#18
Hexachloroethane
Concen: 46.902 ng
RT: 9.197 min Scan# 989
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

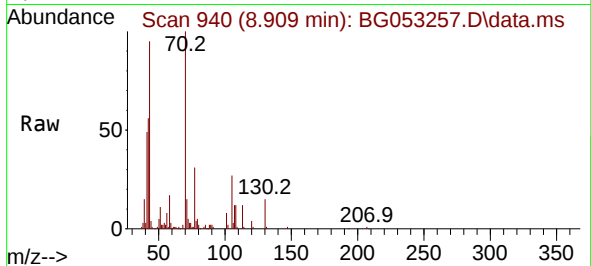
Tgt Ion:117 Resp: 37985
Ion Ratio Lower Upper
117 100
119 97.8 75.1 112.7
201 121.6 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.862 ng
RT: 8.909 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

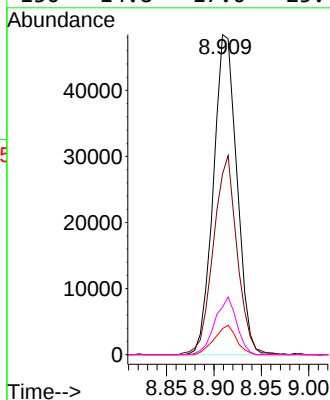
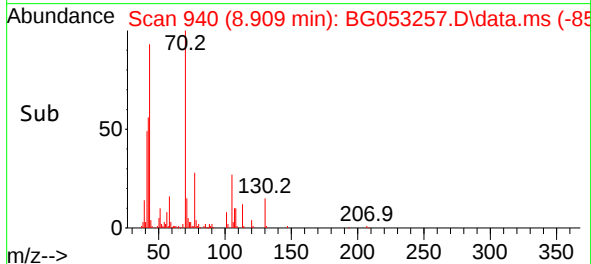
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion: 70 Resp: 8362
Ion Ratio Lower Upper
70 100
42 56.4 46.0 69.0
101 8.2 6.2 9.4
130 14.8 17.0 25.4#

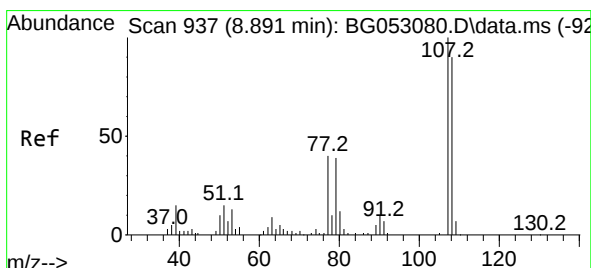
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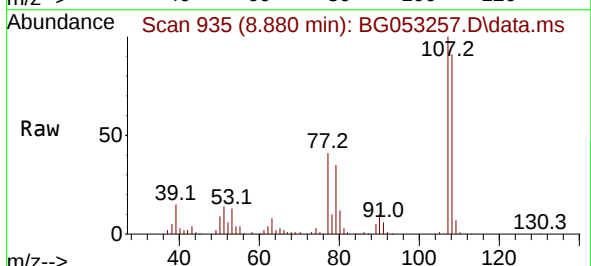


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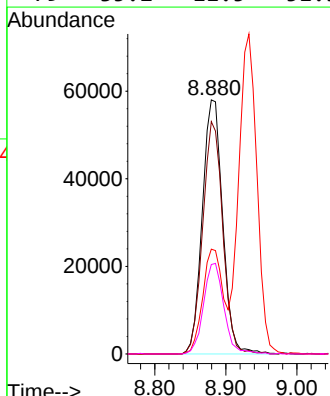
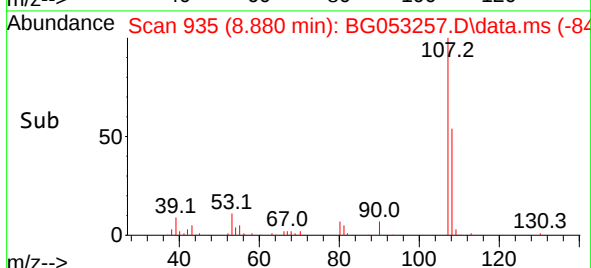
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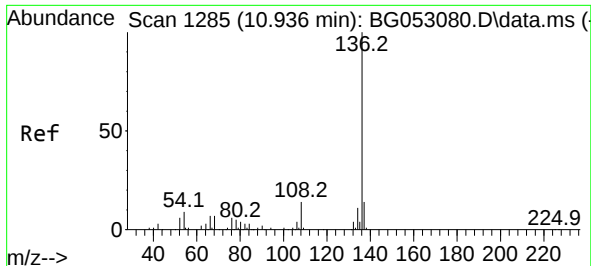


#20
3+4-Methylphenols
Concen: 46.711 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



Tgt Ion:107 Resp: 115665
Ion Ratio Lower Upper
107 100
108 91.4 64.8 104.8
77 41.2 15.9 55.9
79 35.2 11.5 51.5





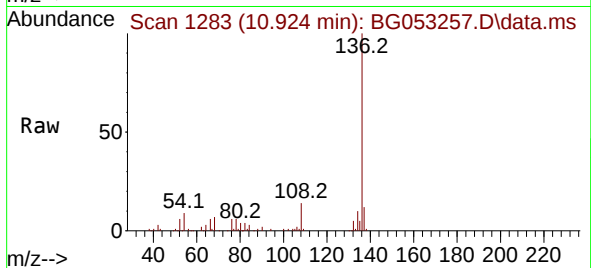
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 113580
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

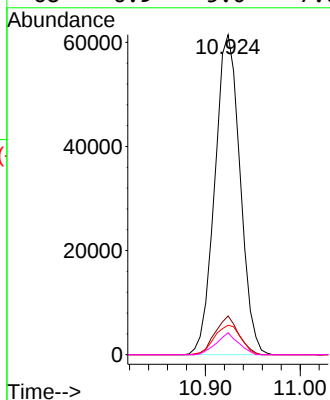
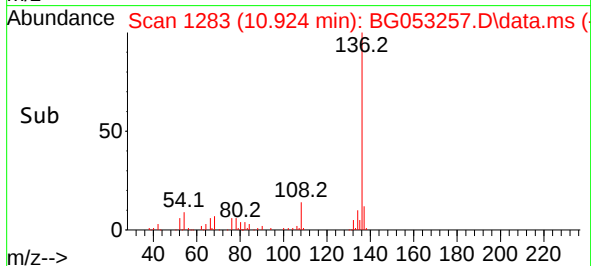
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Tgt Ion:136 Resp: 113580
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 9.2 6.4 9.6
68 6.9 5.0 7.6

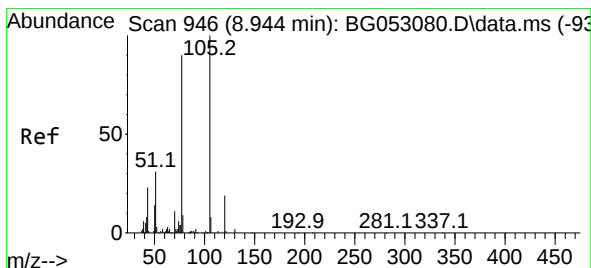
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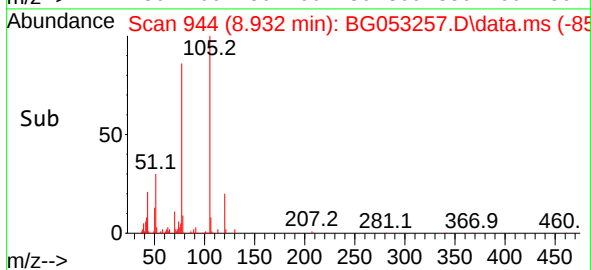
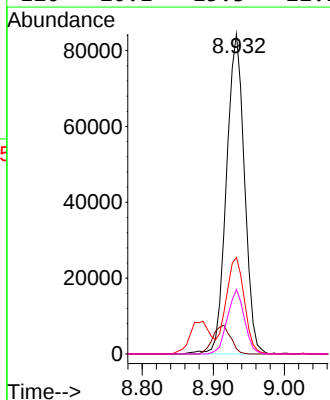
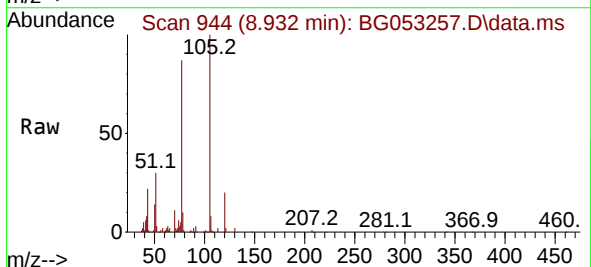
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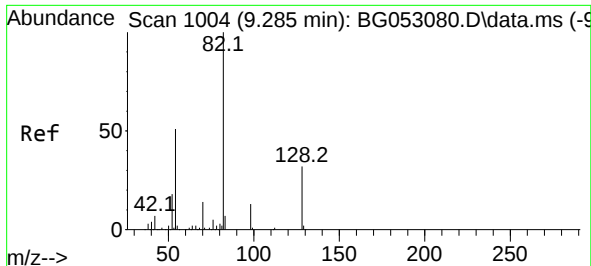
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#22
Acetophenone
Concen: 46.894 ng
RT: 8.932 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

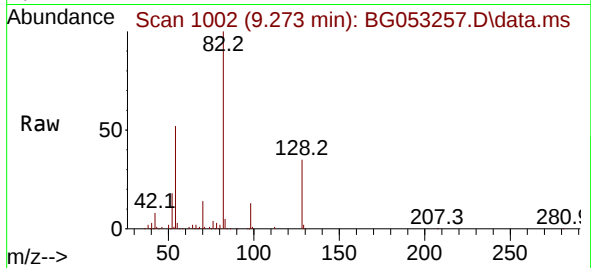
Tgt Ion:105 Resp: 147771
Ion Ratio Lower Upper
105 100
71 1.6 2.1 3.1#
51 30.2 21.9 32.9
120 20.1 15.3 22.9





#23
Nitrobenzene-d5
Concen: 83.510 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

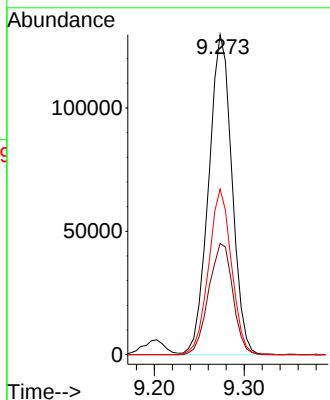
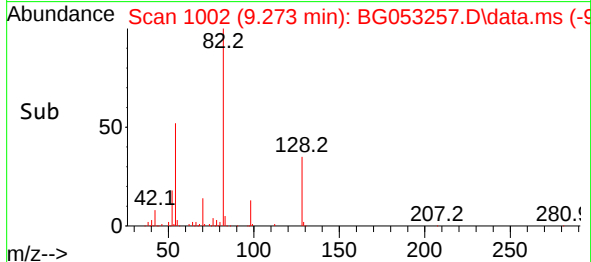
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion: 82 Resp: 233614
Ion Ratio Lower Upper
82 100
128 34.8 31.3 46.9
54 51.8 37.8 56.8

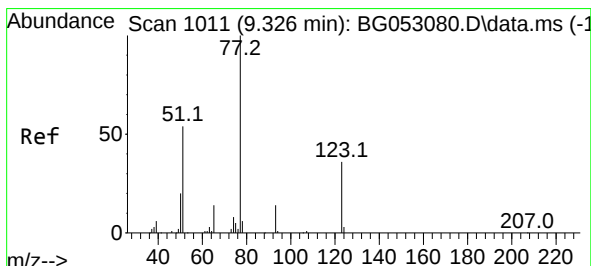
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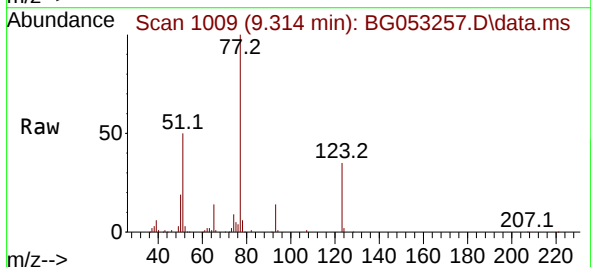


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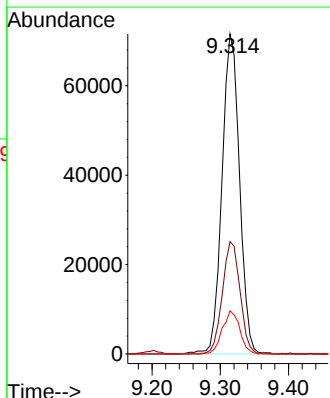
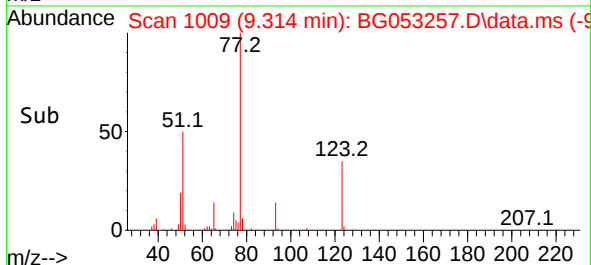
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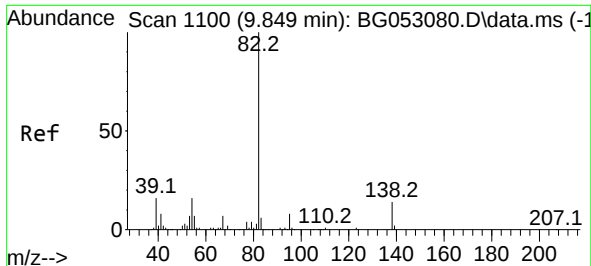


#24
Nitrobenzene
Concen: 47.029 ng
RT: 9.314 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



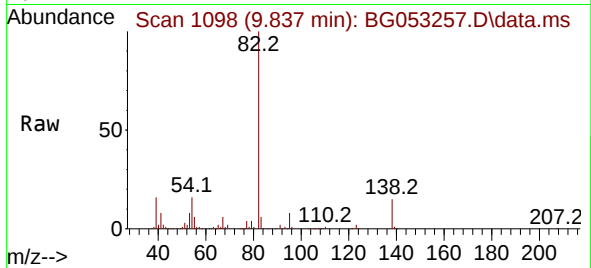
Tgt Ion: 77 Resp: 127967
Ion Ratio Lower Upper
77 100
123 35.1 34.4 51.6
65 13.5 11.2 16.8





#25
Isophorone
Concen: 46.906 ng
RT: 9.837 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

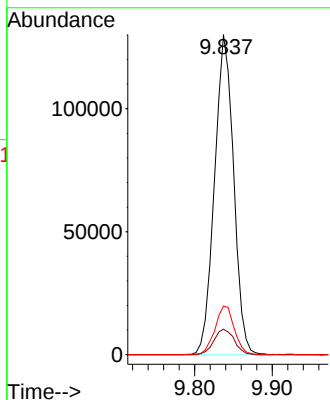
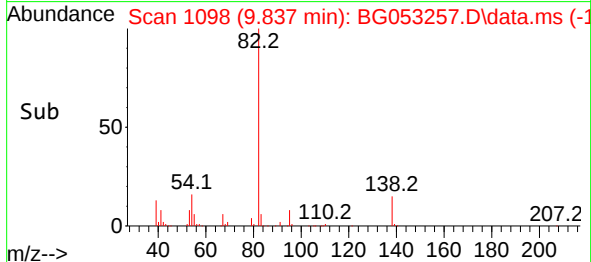
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion: 82 Resp: 22303
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.6
138 15.1 12.6 18.8

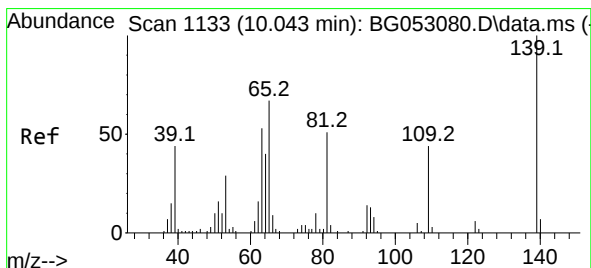
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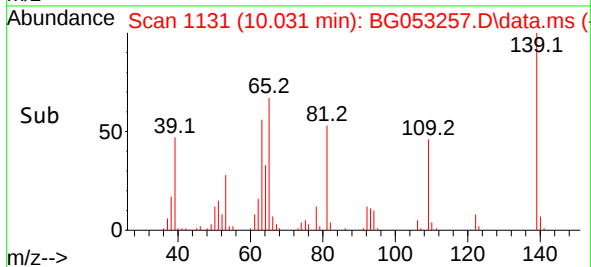
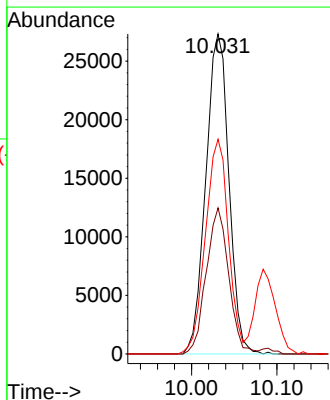
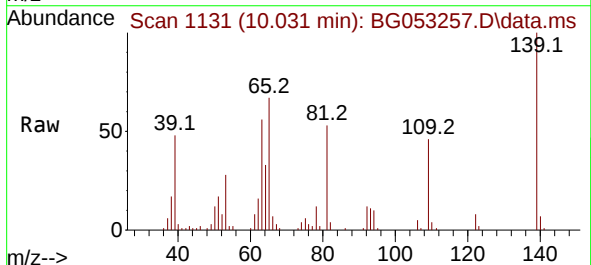
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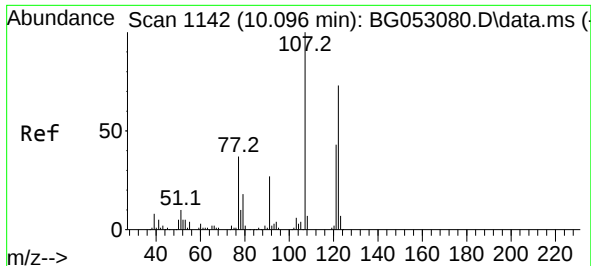
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#26
2-Nitrophenol
Concen: 45.098 ng
RT: 10.031 min Scan# 1131
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:139 Resp: 51313
Ion Ratio Lower Upper
139 100
109 45.6 29.4 44.0#
65 67.1 48.2 72.2





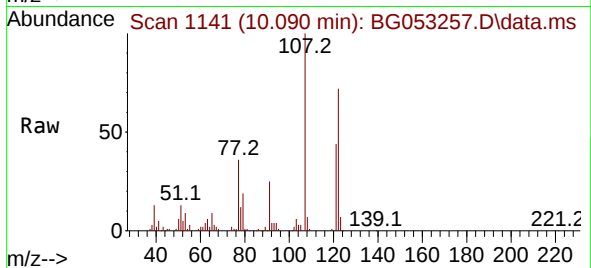
#27
2,4-Dimethylphenol
Concen: 55.016 ng
RT: 10.090 min Scan# 1142
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

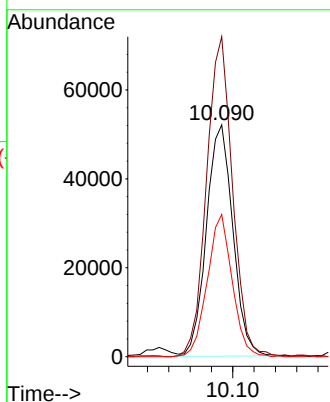
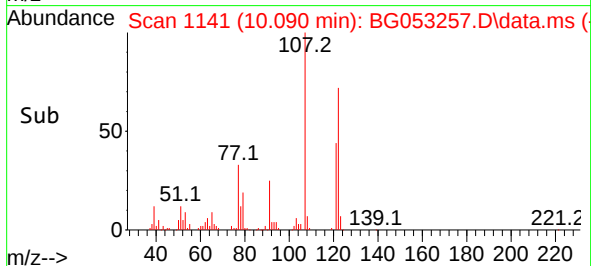
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Tgt Ion:122 Resp: 8965
Ion Ratio Lower Upper
122 100
107 138.0 96.7 145.1
121 61.4 46.3 69.5

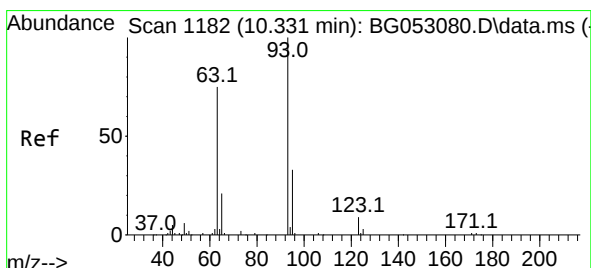
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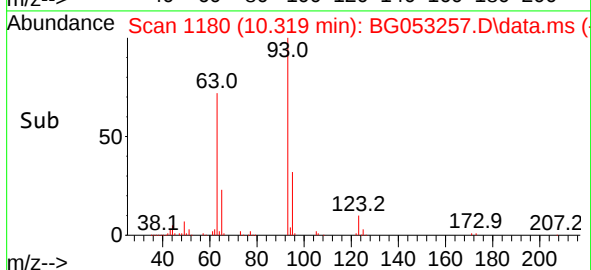
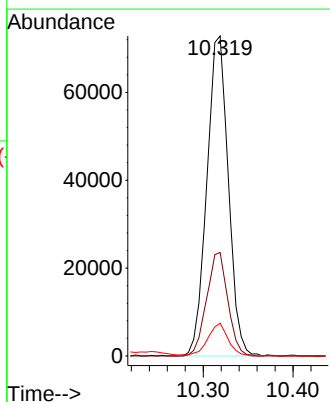
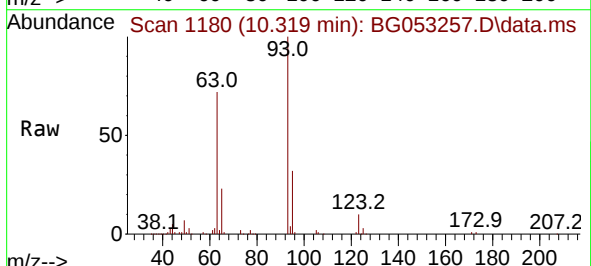
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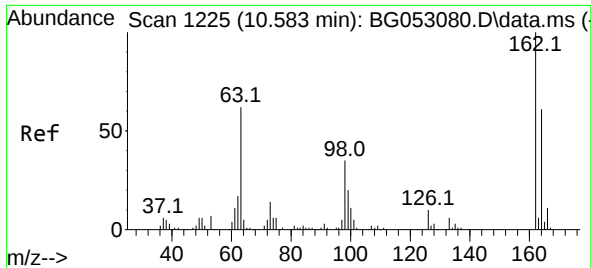
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#28
bis(2-Chloroethoxy)methane
Concen: 45.267 ng
RT: 10.319 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 93 Resp: 120921
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.631 ng

RT: 10.571 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

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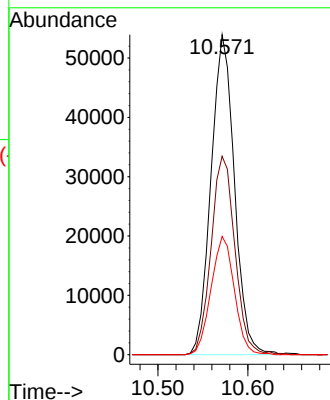
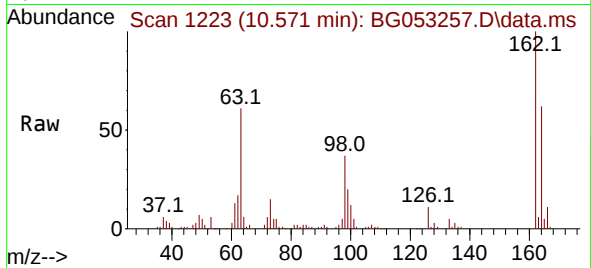
Tgt Ion:162	Resp:	97570
Ion Ratio	Lower	Upper
162	100	
164	62.0	44.0 84.0
98	36.9	17.3 57.3

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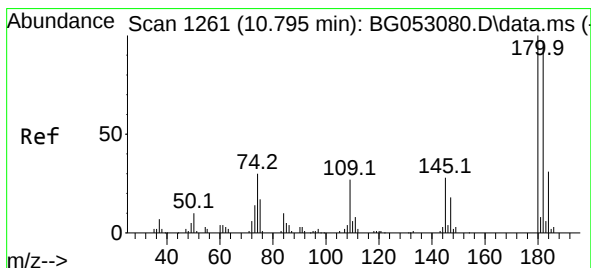
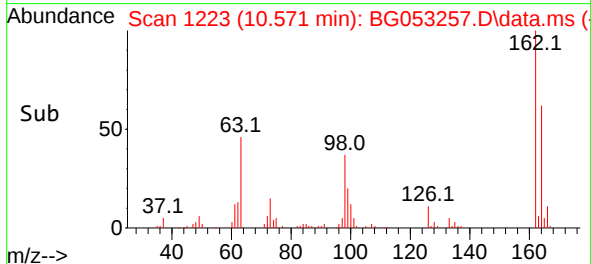
Reviewed By :Christian Giraldo 04/25/2022

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#30

1,2,4-Trichlorobenzene

Concen: 46.045 ng

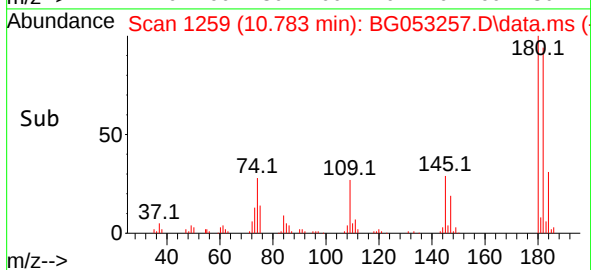
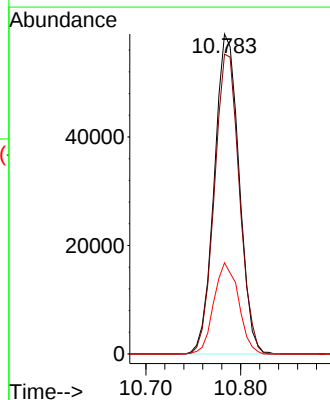
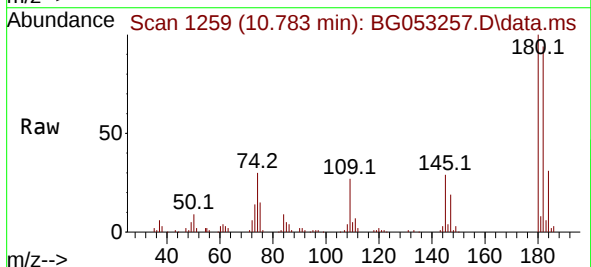
RT: 10.783 min Scan# 1259

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

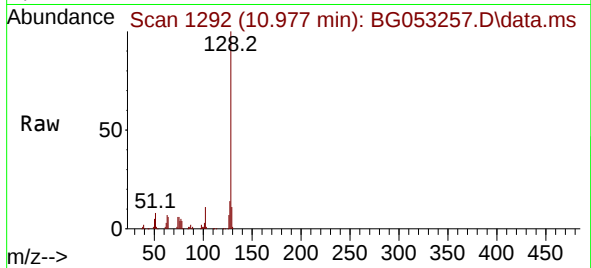
Tgt Ion:180	Resp:	106758
Ion Ratio	Lower	Upper
180	100	
182	93.7	77.8 116.6
145	28.5	24.4 36.6





#31
Naphthalene
Concen: 47.056 ng
RT: 10.977 min Scan# 1167
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

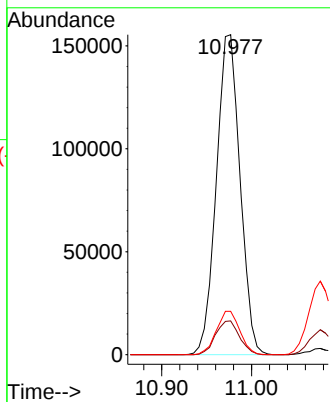
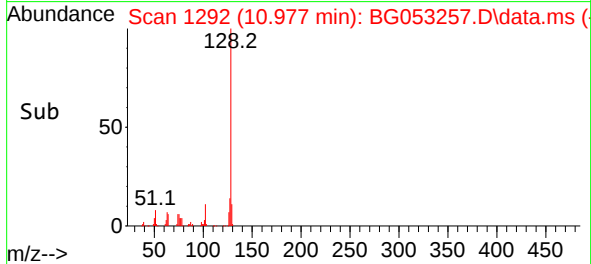
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:128 Resp: 285158
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.6 10.5 15.7

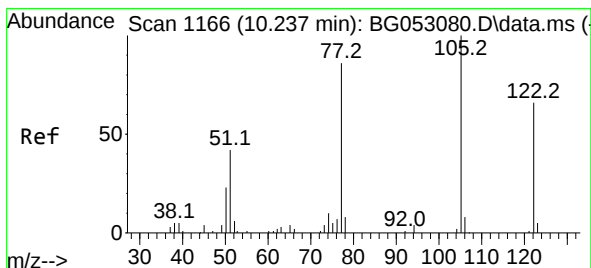
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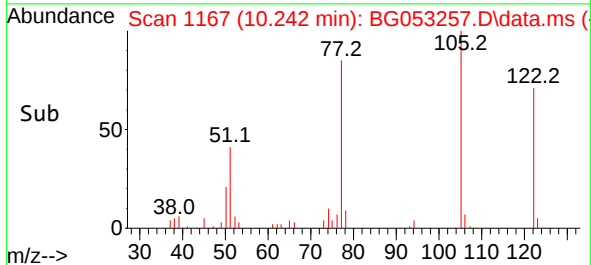
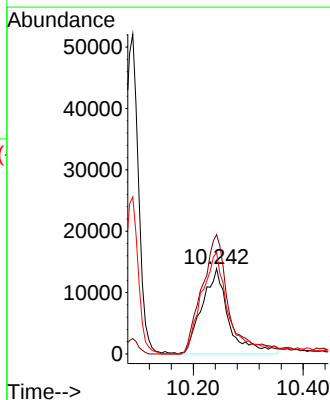
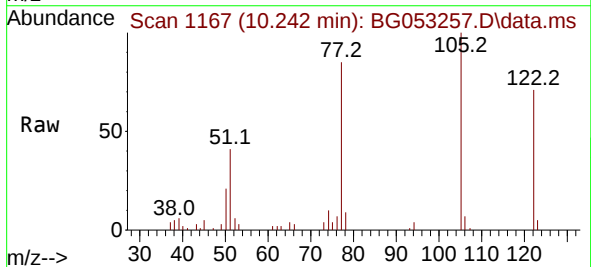
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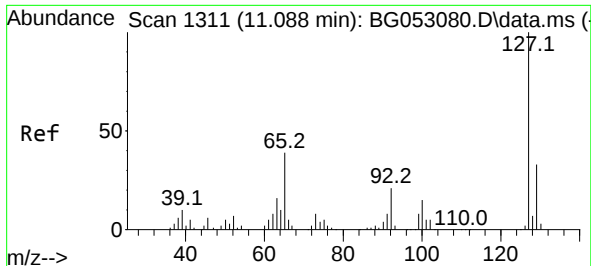
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#32
Benzoic acid
Concen: 44.695 ng m
RT: 10.242 min Scan# 1167
Delta R.T. 0.008 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:122 Resp: 47114
Ion Ratio Lower Upper
122 100
105 140.0 112.8 152.8
77 119.4 78.4 118.4#





#33
4-Chloroaniline
Concen: 26.274 ng
RT: 11.077 min Scan# 1108
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

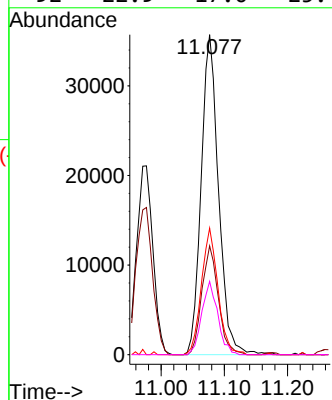
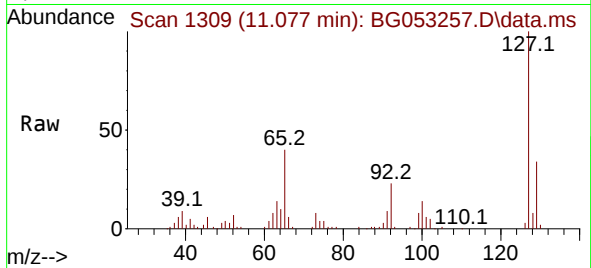
ClientSampleId :

PB144251BS

Tgt Ion:127 Resp: 6818
Ion Ratio Lower Upper
127 100
129 34.0 27.6 41.4
65 39.6 28.2 42.4
92 22.9 17.0 25.4

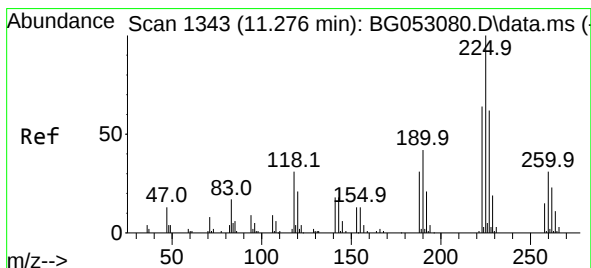
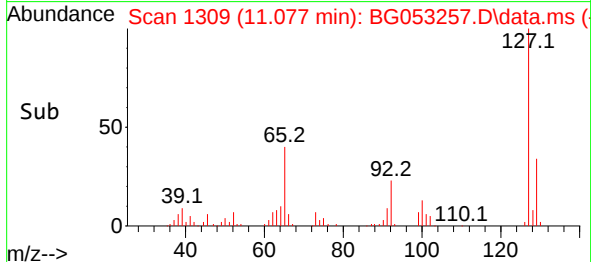
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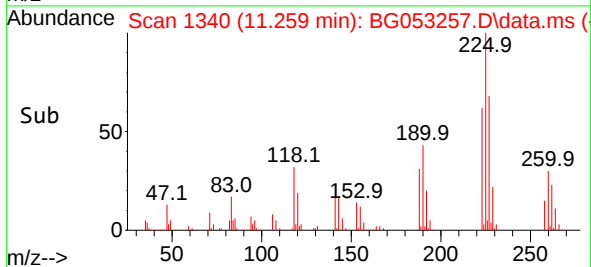
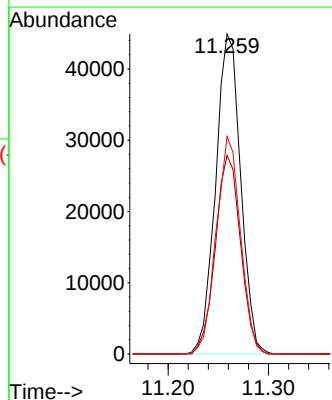
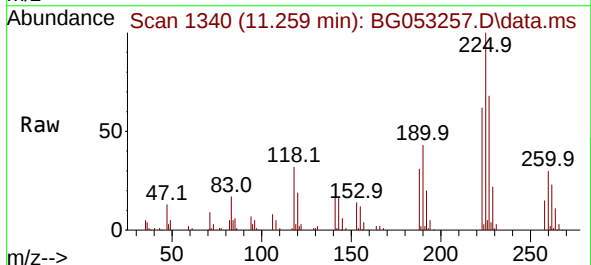
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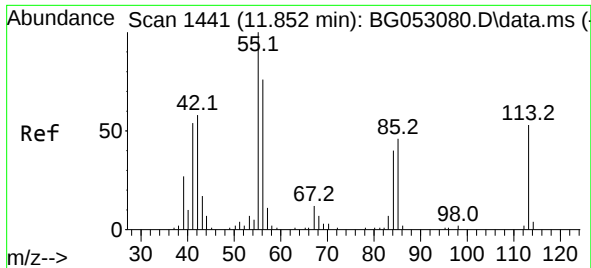
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#34
Hexachlorobutadiene
Concen: 45.191 ng
RT: 11.259 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

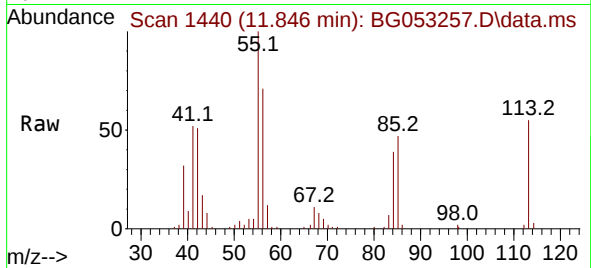
Tgt Ion:225 Resp: 77832
Ion Ratio Lower Upper
225 100
223 62.0 50.2 75.2
227 67.9 52.0 78.0





#35
Caprolactam
Concen: 44.233 ng m
RT: 11.846 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

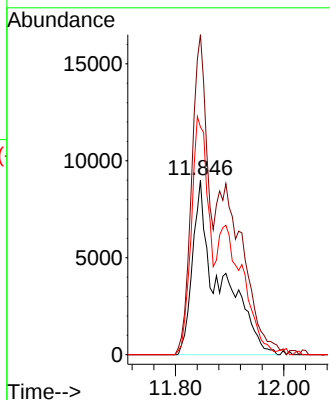
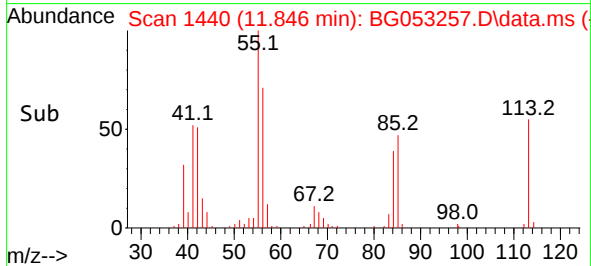
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:113 Resp: 31940
Ion Ratio Lower Upper
113 100
55 183.1 151.3 191.3
56 130.3 128.5 168.5

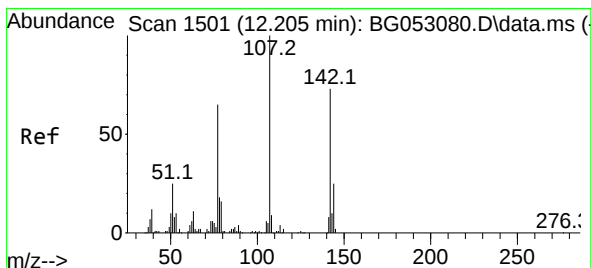
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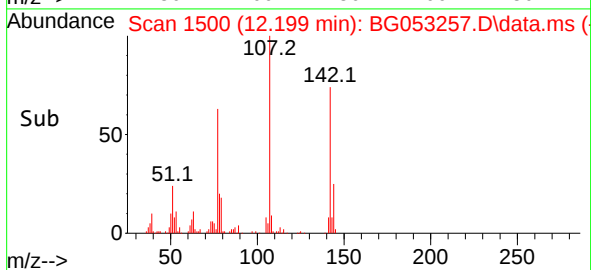
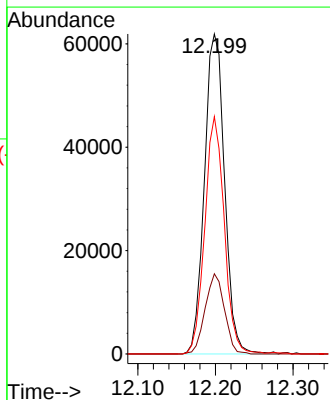
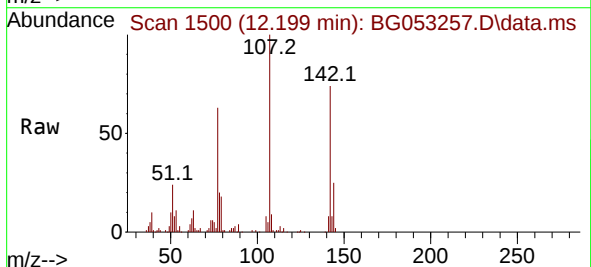
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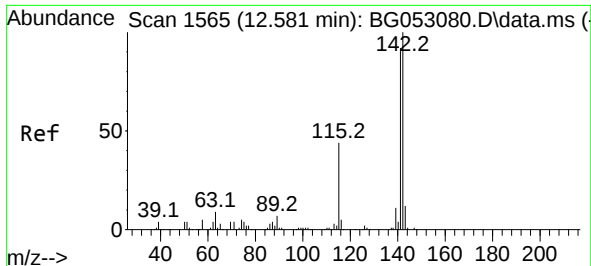
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#36
4-Chloro-3-methylphenol
Concen: 46.883 ng
RT: 12.199 min Scan# 1500
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:107 Resp: 111813
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 74.1 61.7 92.5





#37
2-Methylnaphthalene
Concen: 45.610 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

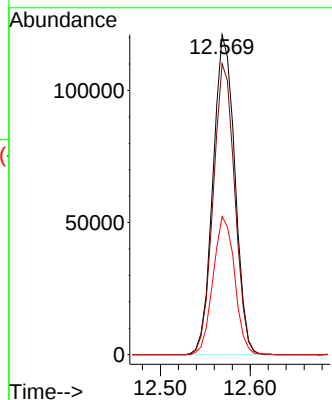
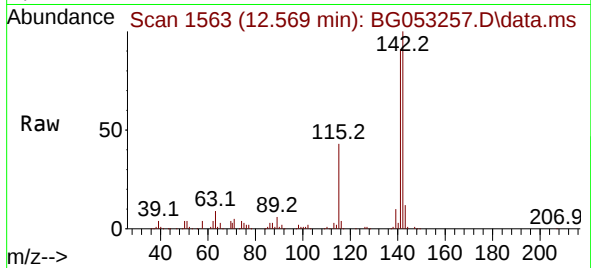
ClientSampleId :

PB144251BS

Tgt Ion:142 Resp: 20452
Ion Ratio Lower Upper
142 100
141 91.0 71.3 106.9
115 43.1 29.5 44.3

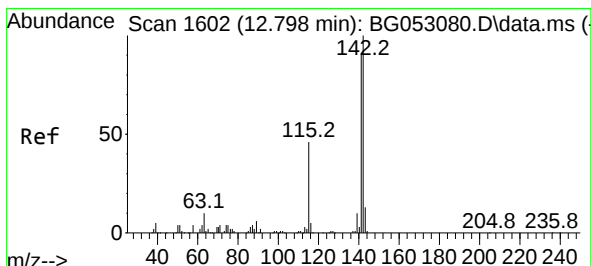
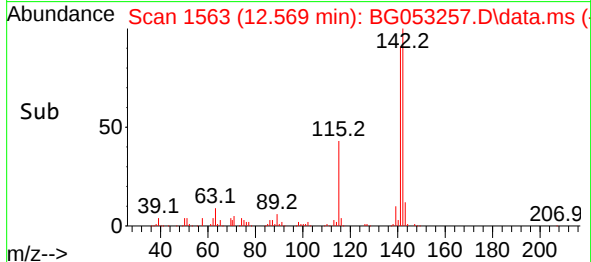
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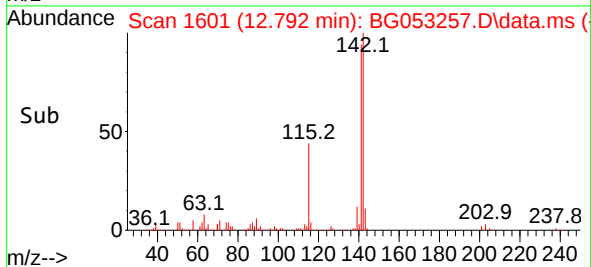
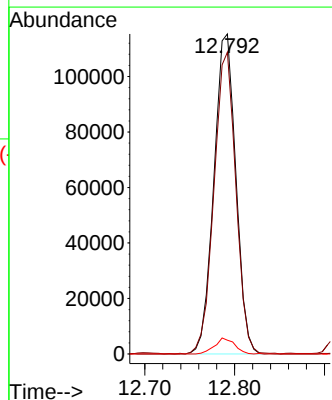
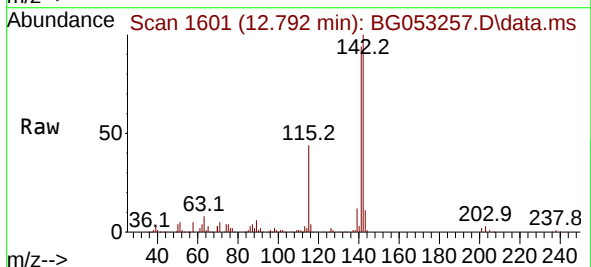
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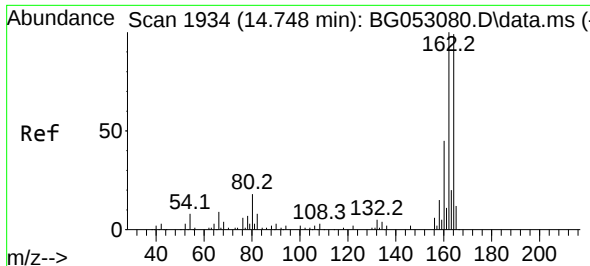
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#38
1-Methylnaphthalene
Concen: 44.724 ng
RT: 12.792 min Scan# 1601
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:142 Resp: 195758
Ion Ratio Lower Upper
142 100
141 94.3 70.5 105.7
116 4.3 3.1 4.7





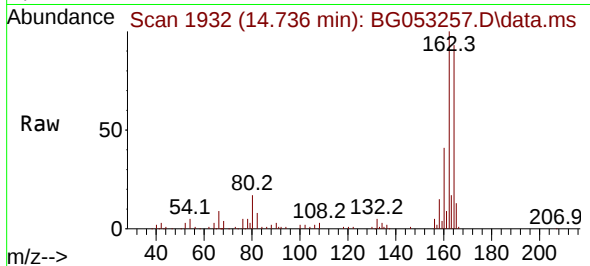
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.736 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

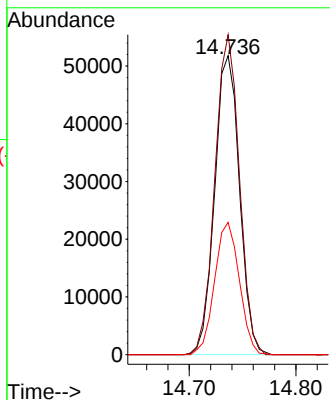
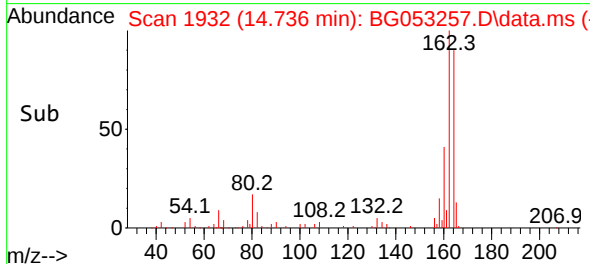
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Tgt Ion:164 Resp: 83579
Ion Ratio Lower Upper
164 100
162 107.0 80.0 120.0
160 44.2 38.8 58.2

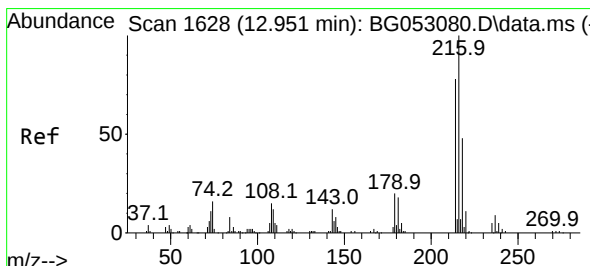
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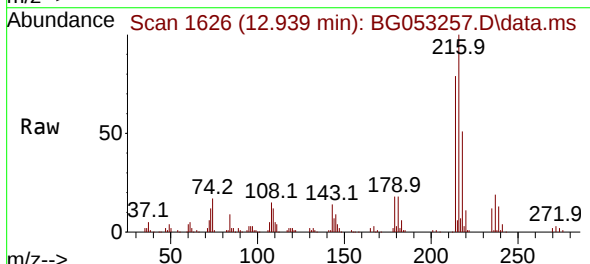


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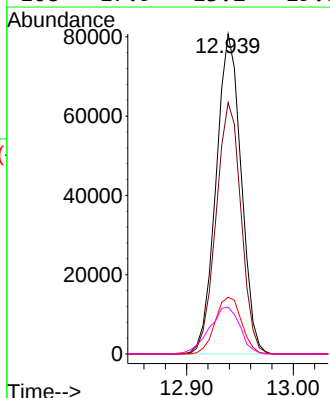
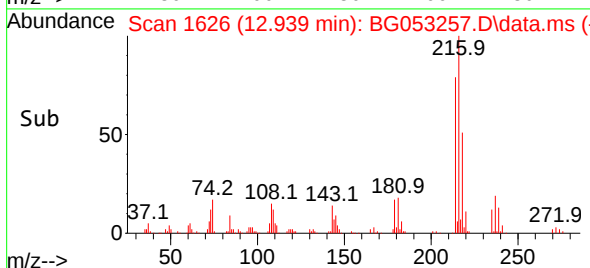
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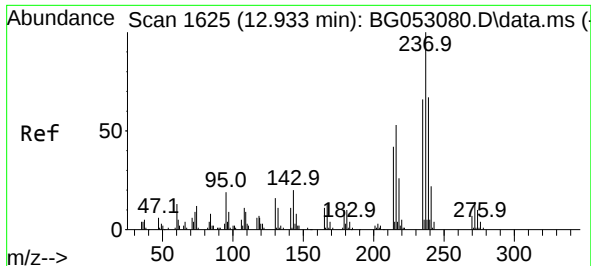


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.443 ng
RT: 12.939 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



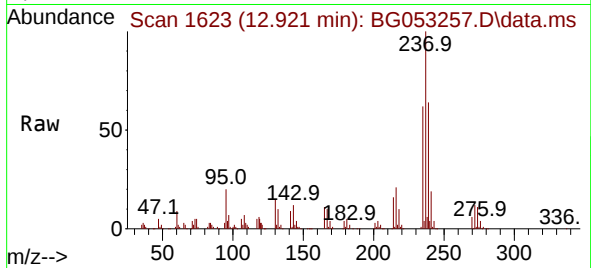
Tgt Ion:216 Resp: 131835
Ion Ratio Lower Upper
216 100
214 78.2 63.8 95.6
179 18.7 15.7 23.5
108 17.9 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 98.523 ng
RT: 12.921 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

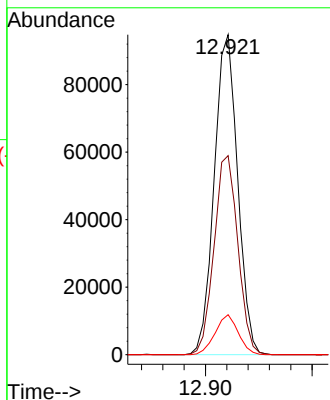
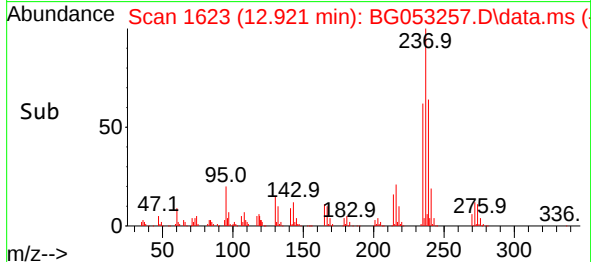
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:237 Resp: 144372
Ion Ratio Lower Upper
237 100
235 62.2 37.7 77.7
272 12.5 0.0 30.7

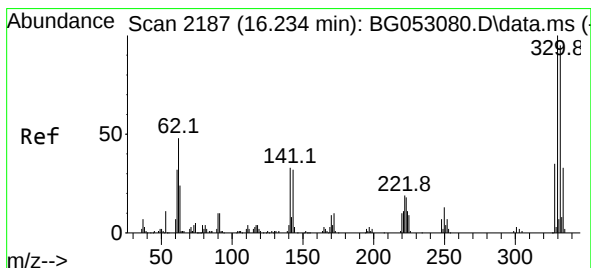
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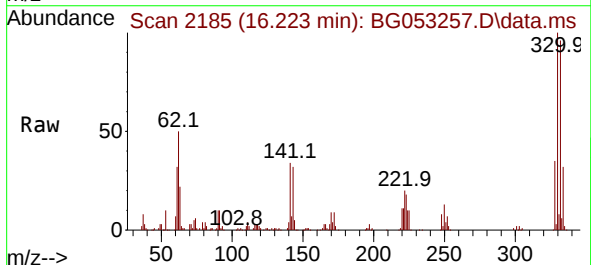


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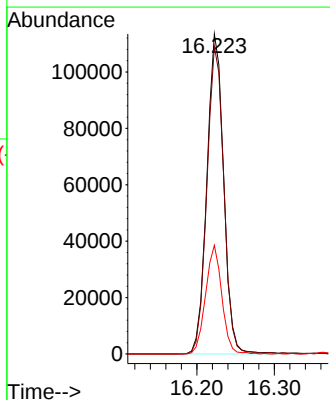
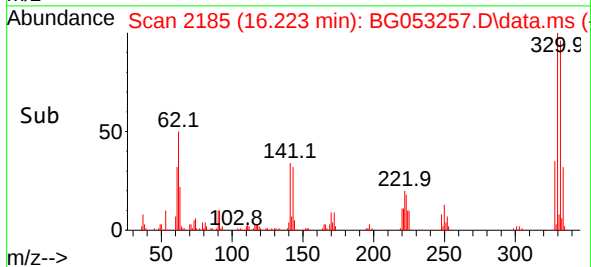
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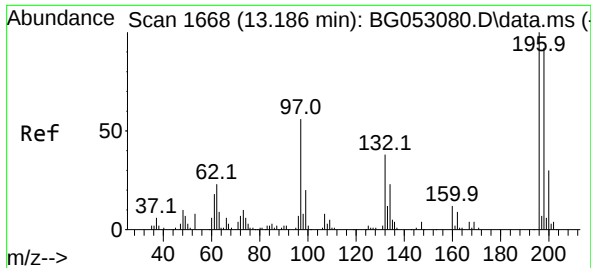


#42
2,4,6-Tribromophenol
Concen: 128.763 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



Tgt Ion:330 Resp: 171217
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 32.8 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.465 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

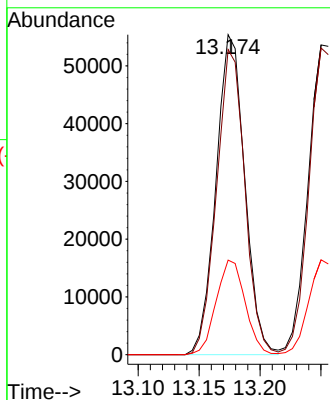
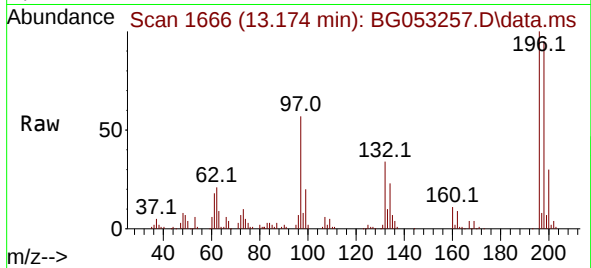
ClientSampleId :

PB144251BS

Tgt Ion:196 Resp: 90938
Ion Ratio Lower Upper
196 100
198 95.4 78.8 118.2
200 29.5 25.1 37.7

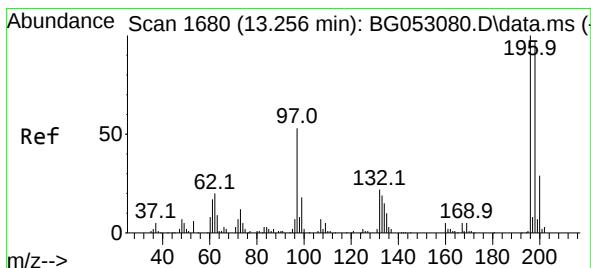
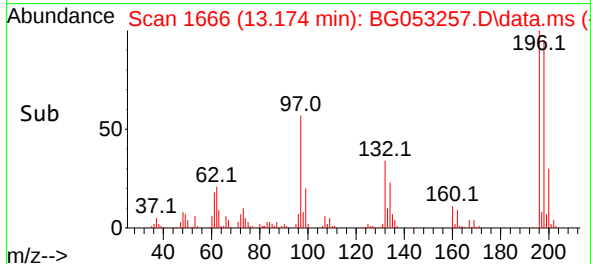
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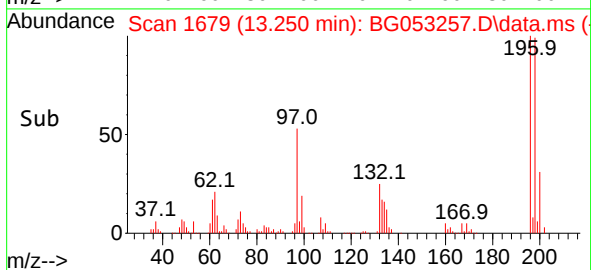
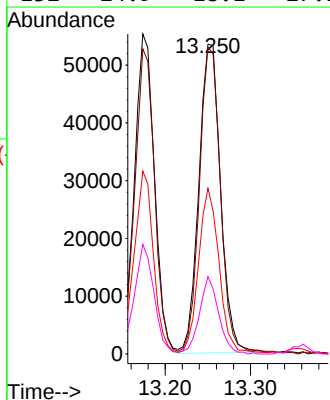
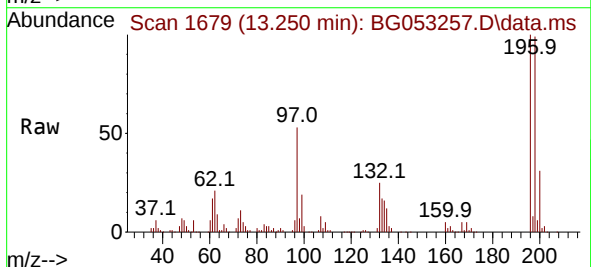
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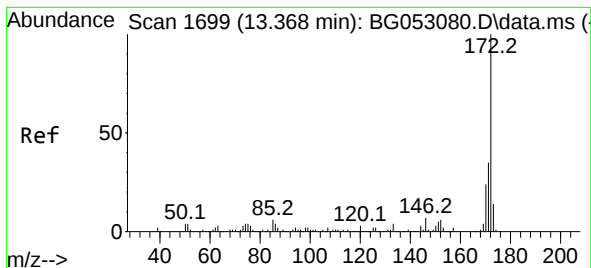
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#44
2,4,5-Trichlorophenol
Concen: 45.367 ng
RT: 13.250 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

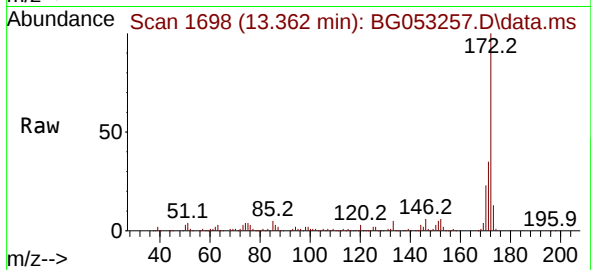
Tgt Ion:196 Resp: 94617
Ion Ratio Lower Upper
196 100
198 99.0 75.8 113.6
97 53.4 36.5 54.7
132 24.9 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 86.333 ng
RT: 13.362 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

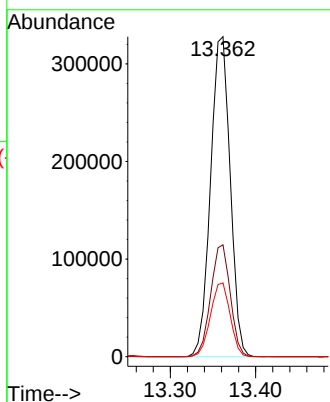
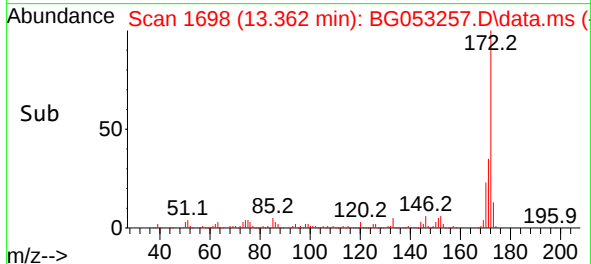
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:172 Resp: 523289
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.0 27.0

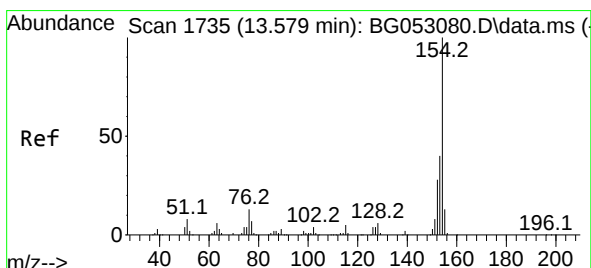
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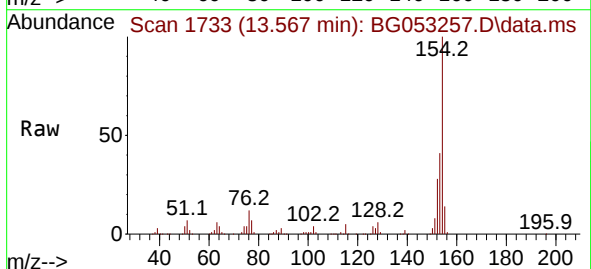


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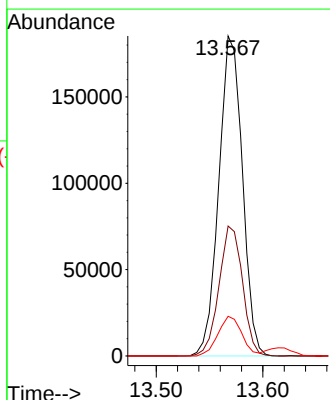
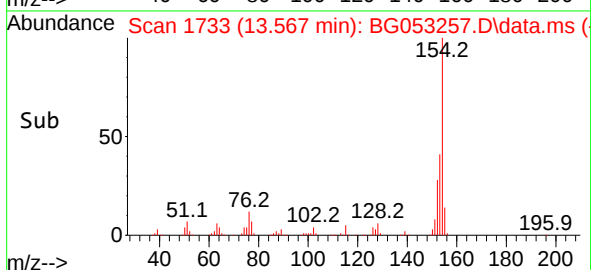
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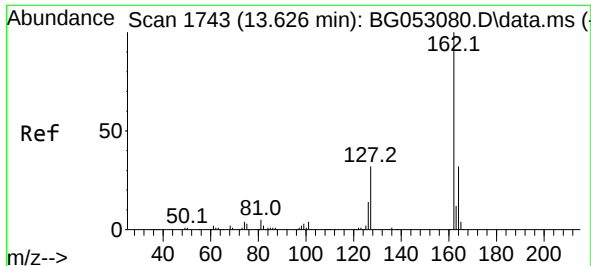


#46
1,1'-Biphenyl
Concen: 47.202 ng
RT: 13.567 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



Tgt Ion:154 Resp: 284104
Ion Ratio Lower Upper
154 100
153 40.6 21.6 61.6
76 12.4 0.0 31.5





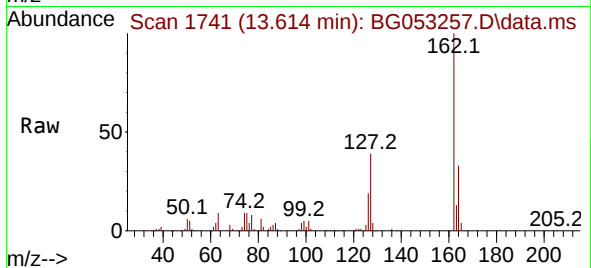
#47
2-Chloronaphthalene
Concen: 46.106 ng
RT: 13.614 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

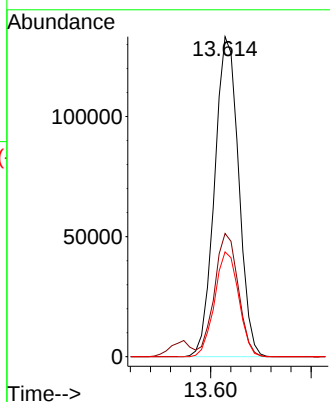
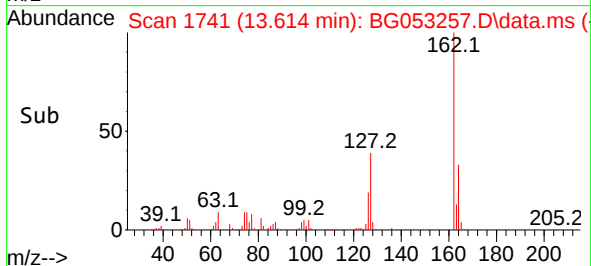
PB144251BS



Tgt Ion:162 Resp: 221400
Ion Ratio Lower Upper
162 100
127 38.5 28.1 42.1
164 32.8 26.0 39.0

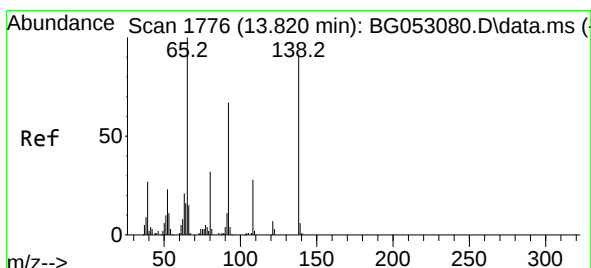
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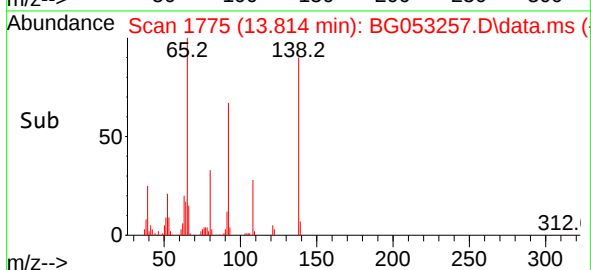
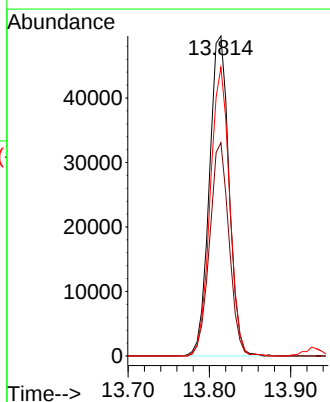
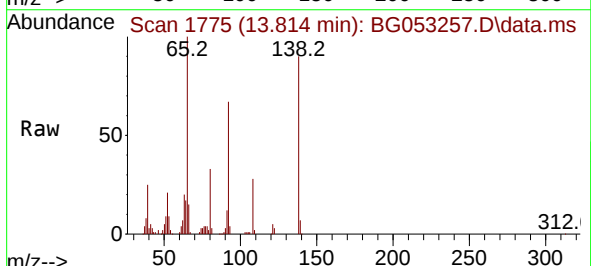
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#48
2-Nitroaniline
Concen: 45.771 ng
RT: 13.814 min Scan# 1775
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

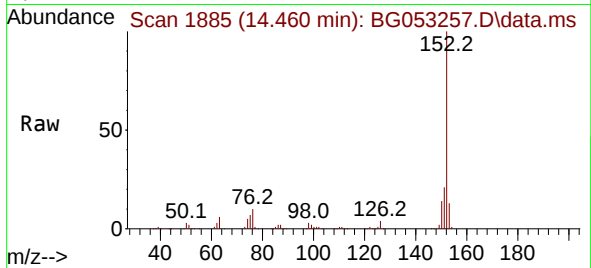
Tgt Ion: 65 Resp: 83409
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 90.2 80.1 120.1





#49
Acenaphthylene
Concen: 49.439 ng
RT: 14.460 min Scan# 1885
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

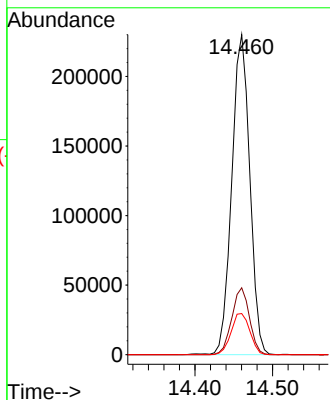
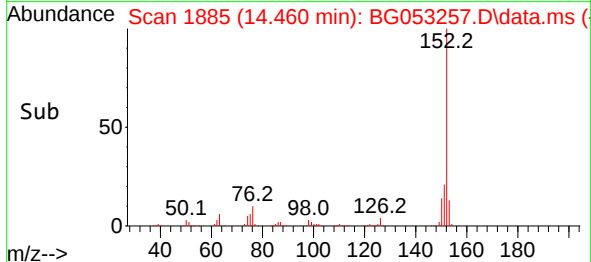
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:152 Resp: 371632
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 12.9 10.6 15.8

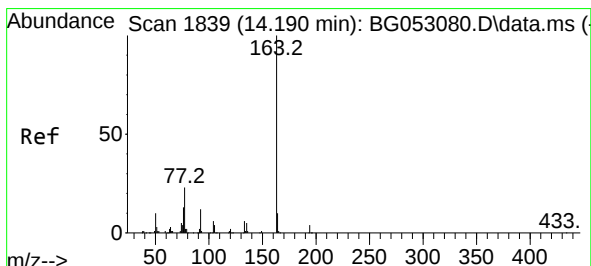
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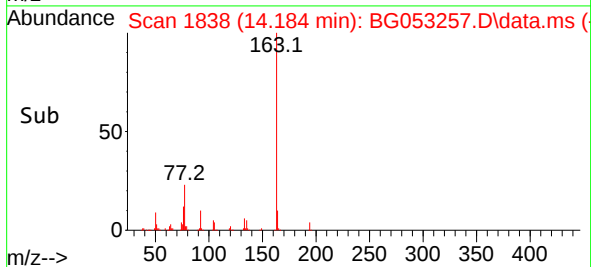
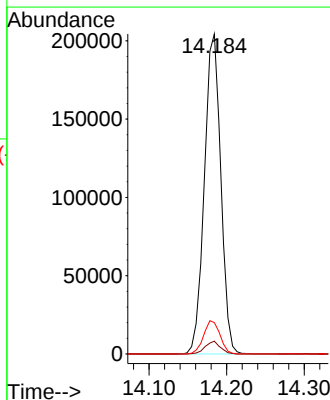
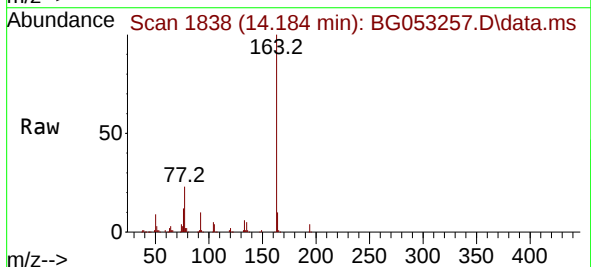
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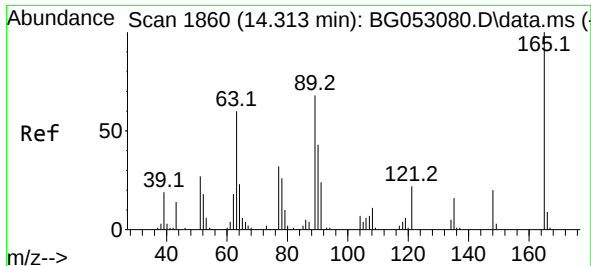
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#50
Dimethylphthalate
Concen: 45.121 ng
RT: 14.184 min Scan# 1838
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:163 Resp: 301635
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.395 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

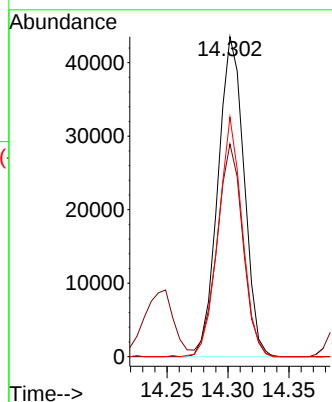
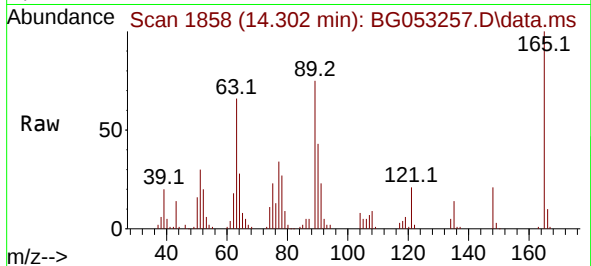
ClientSampleId :

PB144251BS

Tgt Ion:165 Resp: 6470
Ion Ratio Lower Upper
165 100
63 66.4 43.7 65.5
89 74.9 45.0 67.4

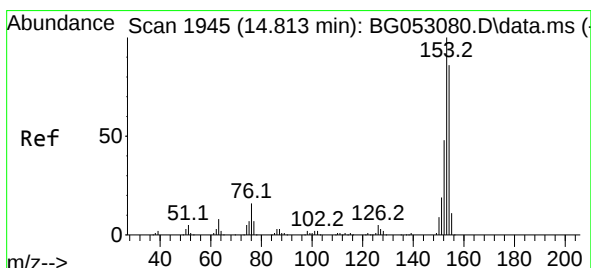
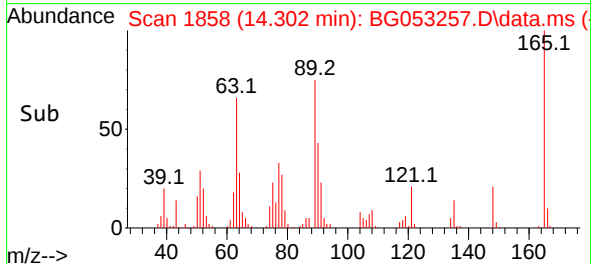
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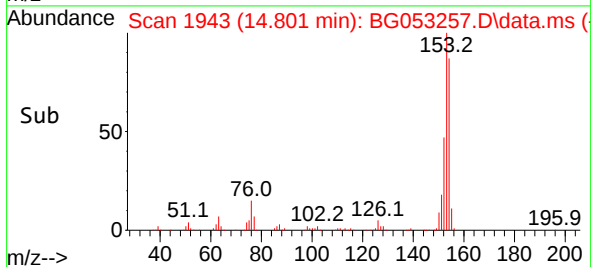
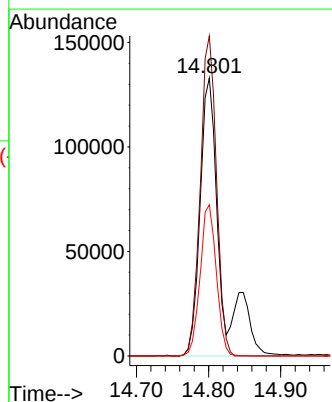
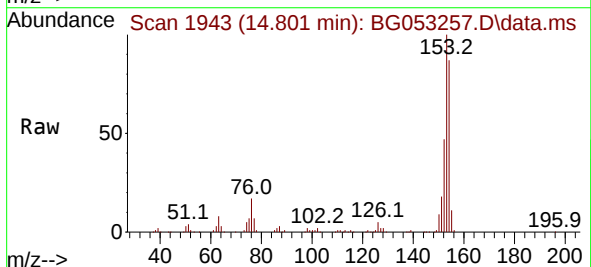
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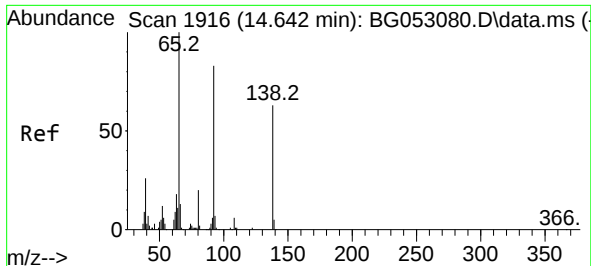
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#52
Acenaphthene
Concen: 51.265 ng m
RT: 14.801 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

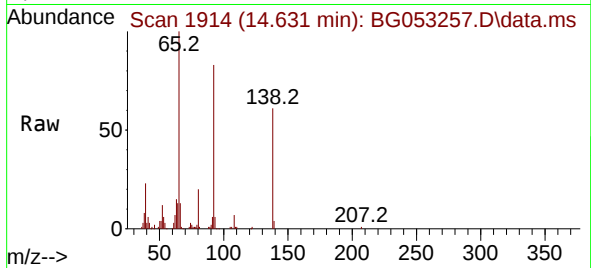
Tgt Ion:154 Resp: 261328
Ion Ratio Lower Upper
154 100
153 115.1 89.0 133.4
152 54.4 40.5 60.7





#53
3-Nitroaniline
Concen: 32.413 ng
RT: 14.631 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

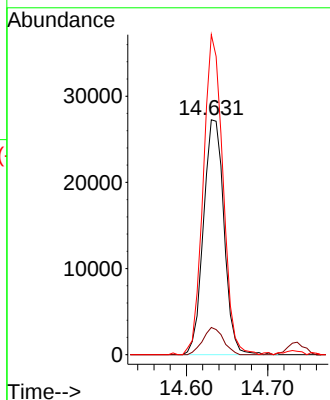
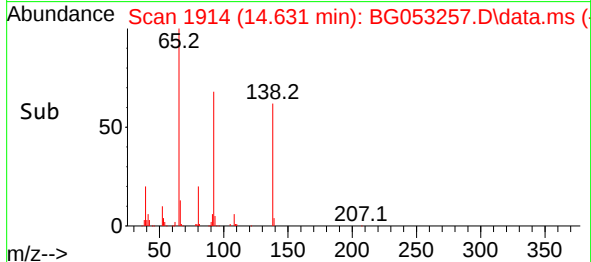
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:138 Resp: 47798
Ion Ratio Lower Upper
138 100
108 11.6 8.0 12.0
92 136.3 96.2 144.2

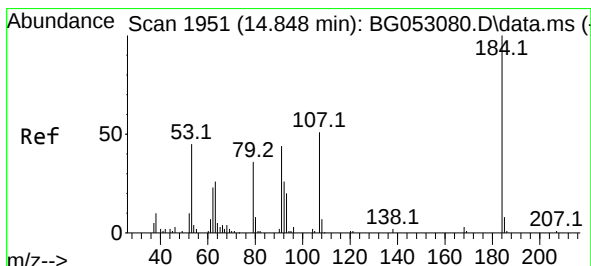
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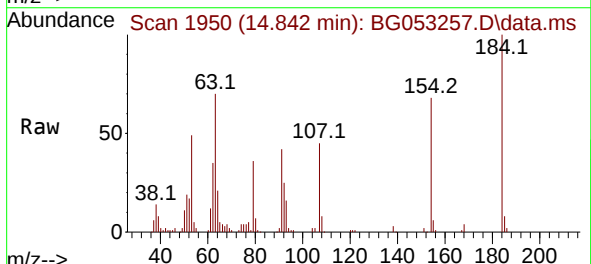


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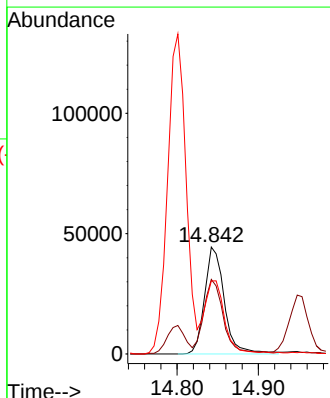
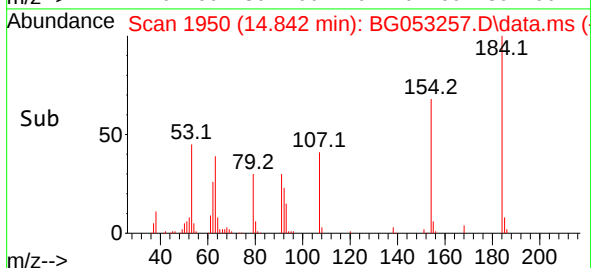
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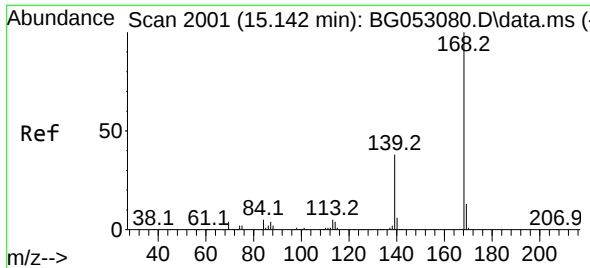


#54
2,4-Dinitrophenol
Concen: 84.578 ng
RT: 14.842 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



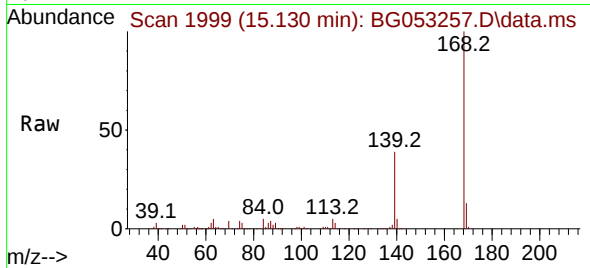
Tgt Ion:184 Resp: 75051
Ion Ratio Lower Upper
184 100
63 69.8 51.8 77.6
154 68.3 47.8 71.6





#55
Dibenzenofuran
Concen: 44.960 ng
RT: 15.130 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

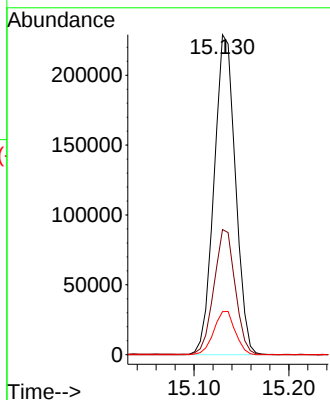
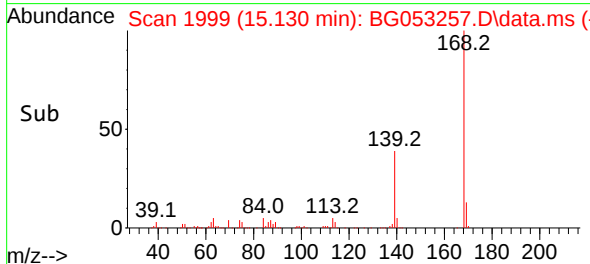
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:168 Resp: 35887
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 13.5 10.7 16.1

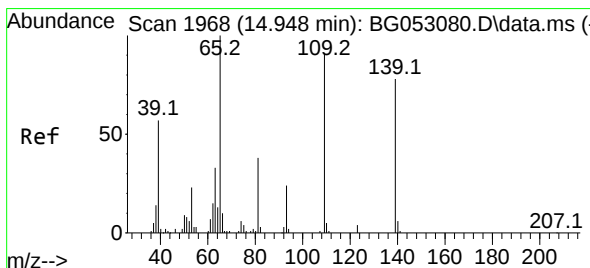
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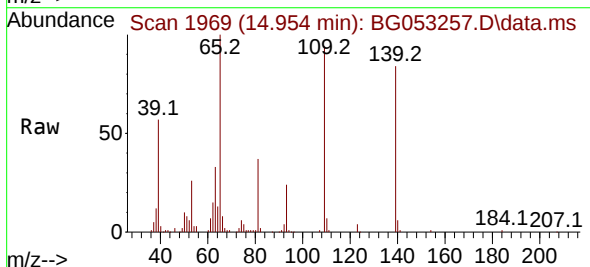


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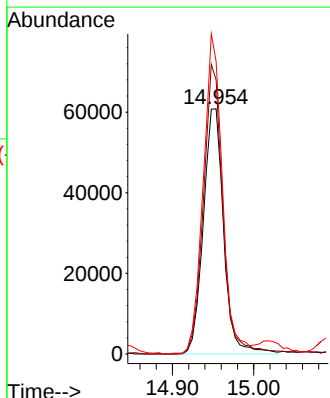
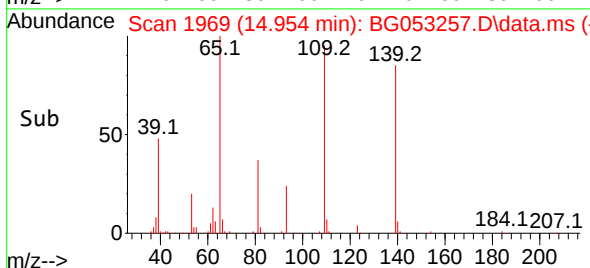
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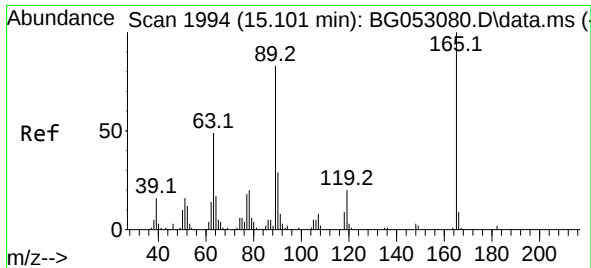


#56
4-Nitrophenol
Concen: 94.140 ng
RT: 14.954 min Scan# 1969
Delta R.T. 0.008 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



Tgt Ion:139 Resp: 105878
Ion Ratio Lower Upper
139 100
109 111.7 67.1 107.1#
65 119.3 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 47.237 ng
RT: 15.095 min Scan# 1993
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

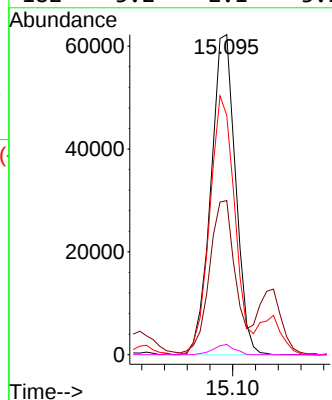
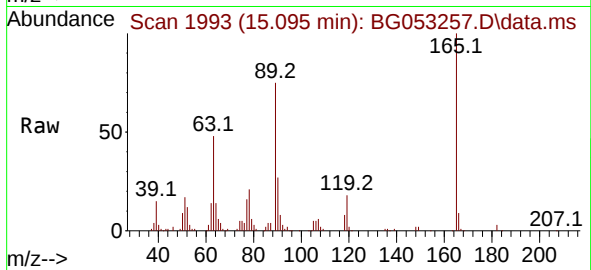
ClientSampleId :

PB144251BS

Tgt Ion:165 Resp: 93789
Ion Ratio Lower Upper
165 100
63 48.1 34.8 52.2
89 74.8 57.4 86.0
182 3.2 2.1 3.1#

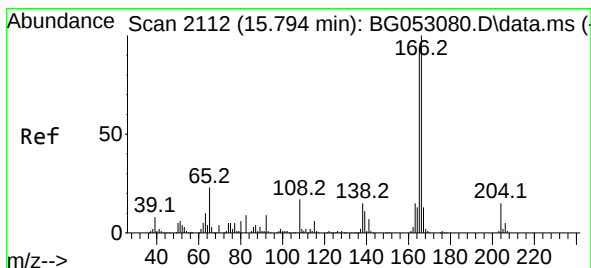
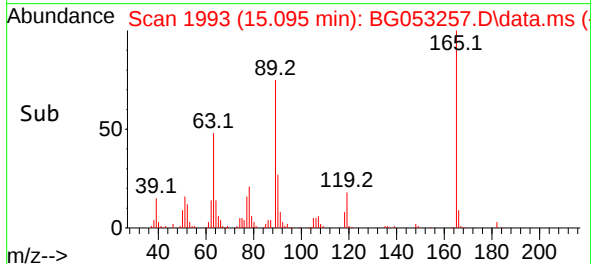
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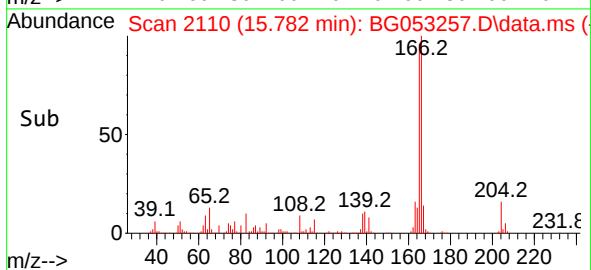
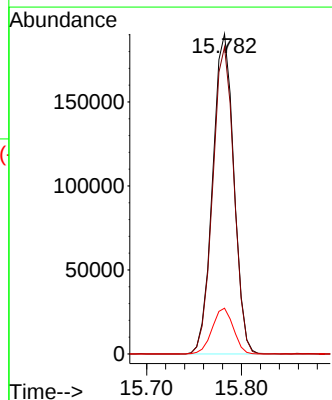
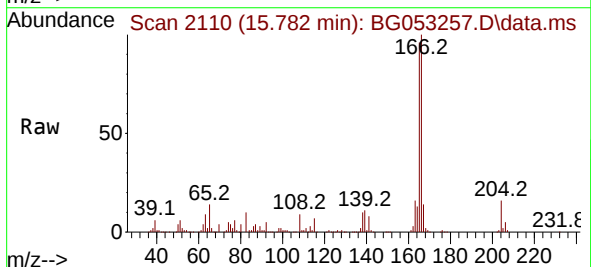
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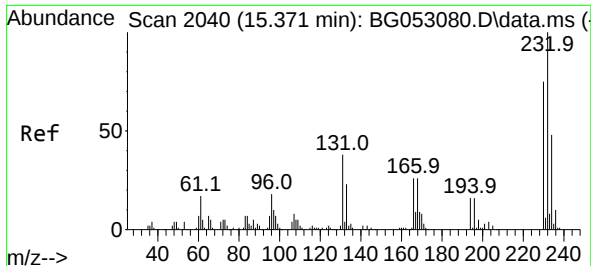
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#58
Fluorene
Concen: 45.840 ng
RT: 15.782 min Scan# 2110
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

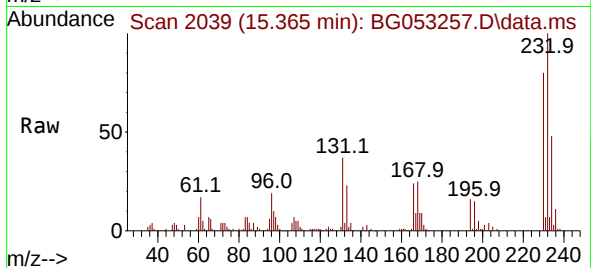
Tgt Ion:166 Resp: 295527
Ion Ratio Lower Upper
166 100
165 96.0 78.6 117.8
167 14.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.495 ng
RT: 15.365 min Scan# 2039
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

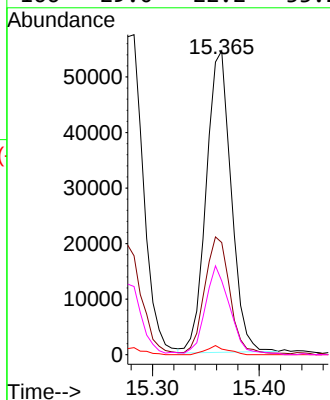
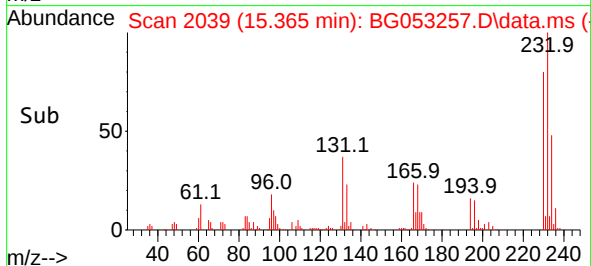
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:232 Resp: 88094
Ion Ratio Lower Upper
232 100
131 39.4 30.1 45.1
130 2.5 1.8 2.8
166 29.0 22.2 33.2

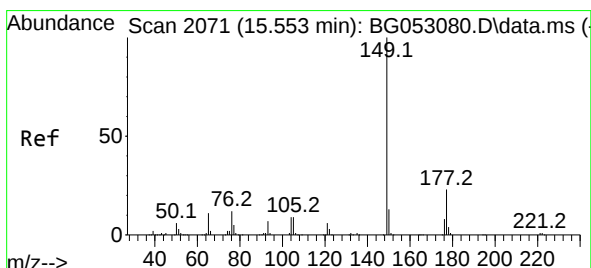
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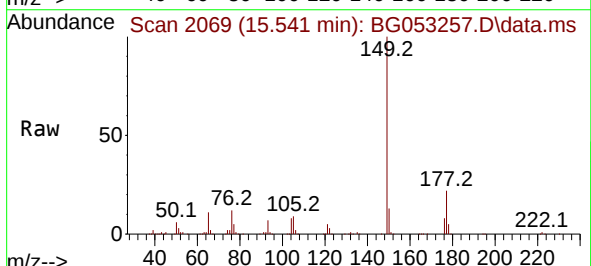


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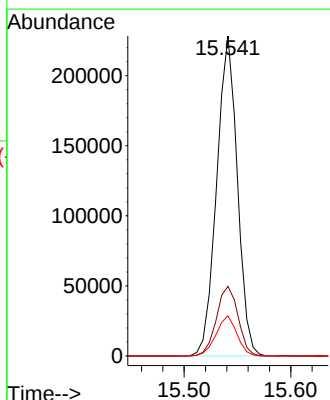
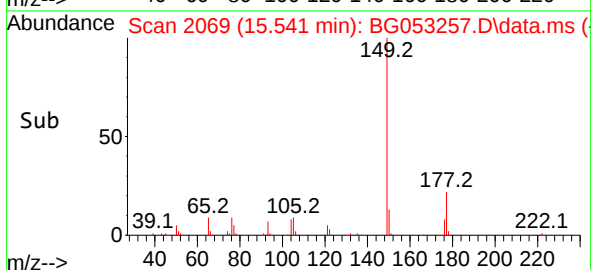
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#60
Diethylphthalate
Concen: 43.782 ng
RT: 15.541 min Scan# 2069
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



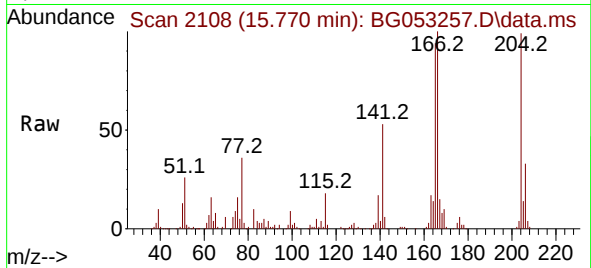
Tgt Ion:149 Resp: 306654
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.2
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.635 ng
RT: 15.770 min Scan# 2109
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

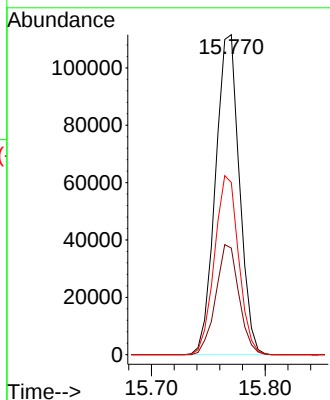
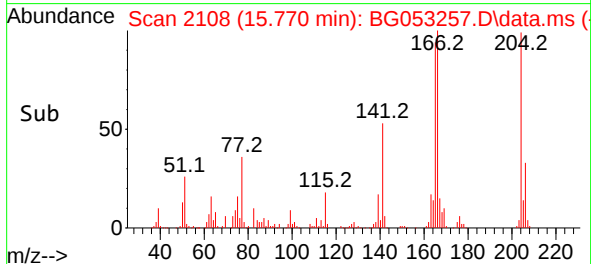
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:204 Resp: 16312
Ion Ratio Lower Upper
204 100
206 33.3 28.3 42.5
141 53.8 45.8 68.8

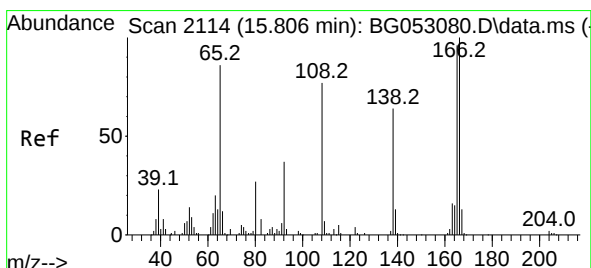
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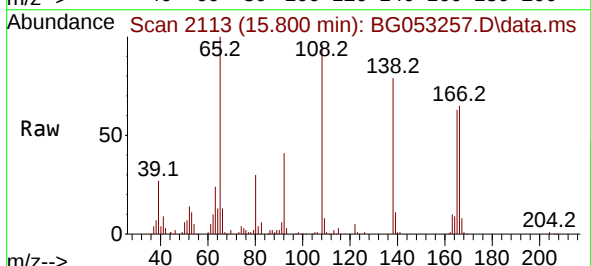


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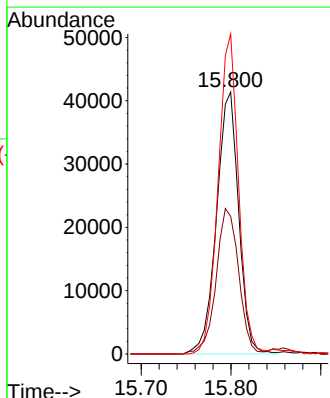
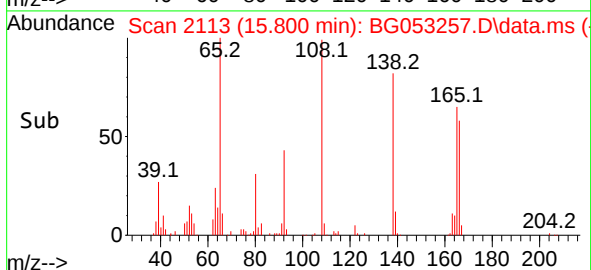
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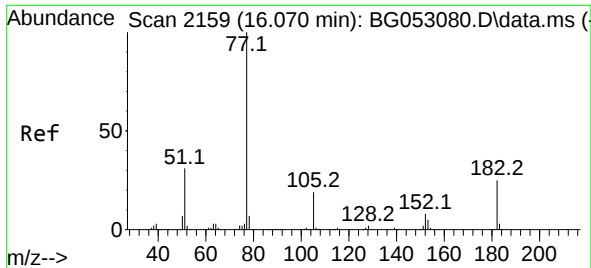


#62
4-Nitroaniline
Concen: 45.530 ng
RT: 15.800 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



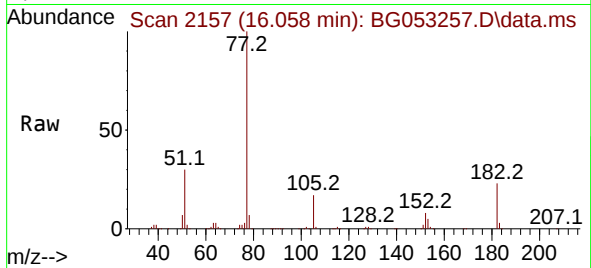
Tgt Ion:138 Resp: 70849
Ion Ratio Lower Upper
138 100
92 52.5 33.3 73.3
108 122.2 74.2 114.2#





#63
Azobenzene
Concen: 44.390 ng
RT: 16.058 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

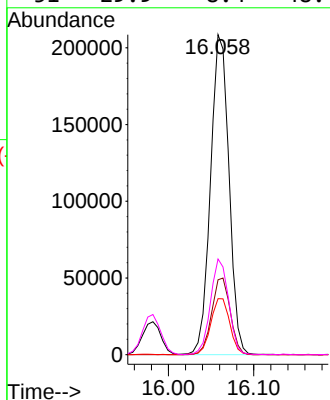
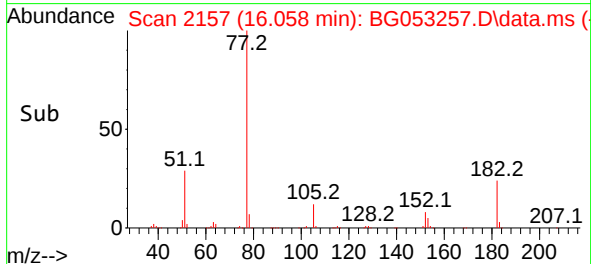
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion: 77 Resp: 313470
Ion Ratio Lower Upper
77 100
182 23.4 5.6 45.6
105 17.5 0.0 38.8
51 29.9 8.4 48.4

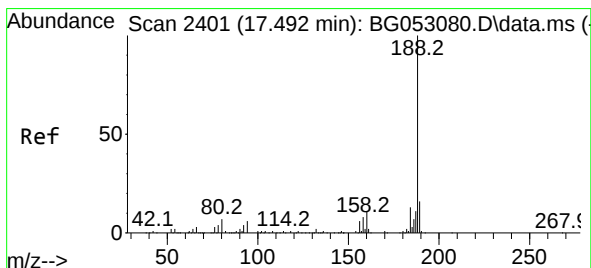
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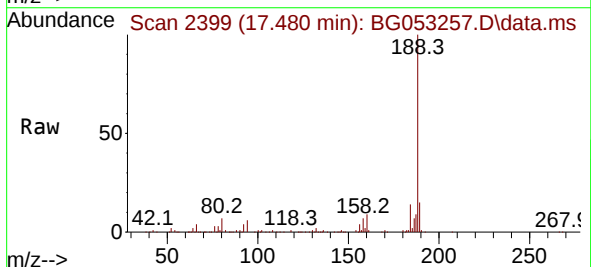


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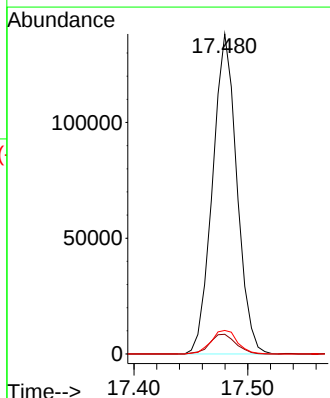
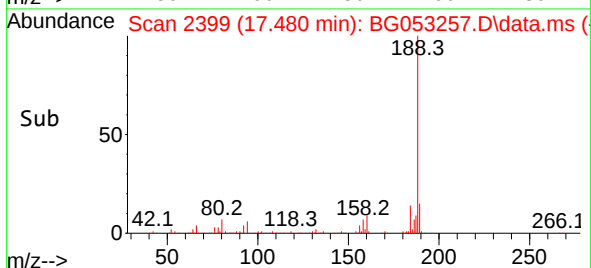
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



Tgt Ion:188 Resp: 205610
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 7.4 7.2 10.8





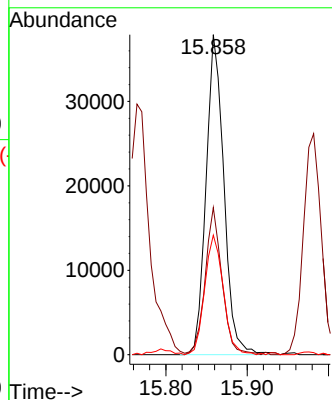
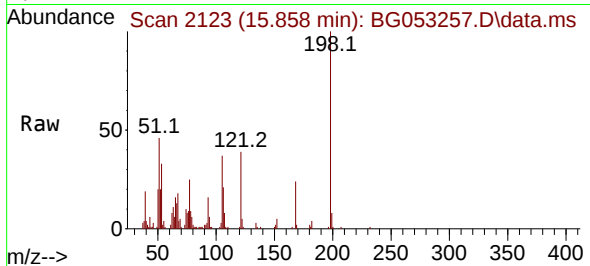
#65
4,6-Dinitro-2-methylphenol
Concen: 40.210 ng
RT: 15.858 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB144251BS

Tgt Ion:198 Resp: 5768
Ion Ratio Lower Upper
198 100
51 46.0 21.7 61.7
105 37.3 20.8 60.8

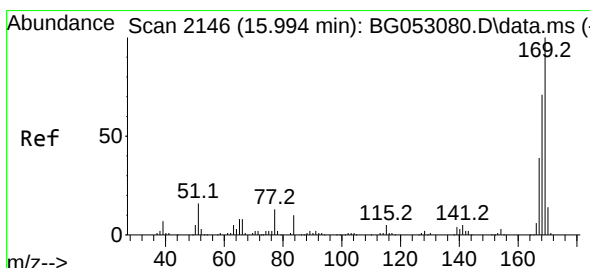
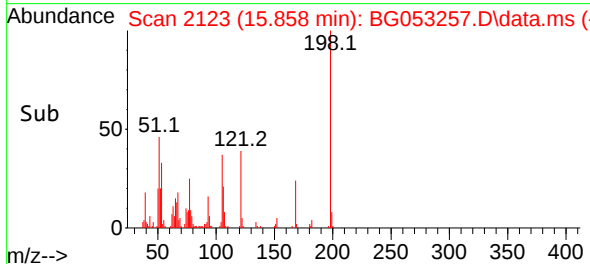
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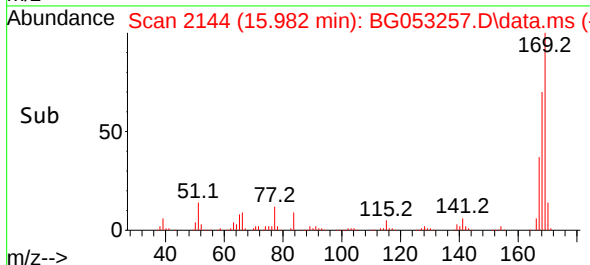
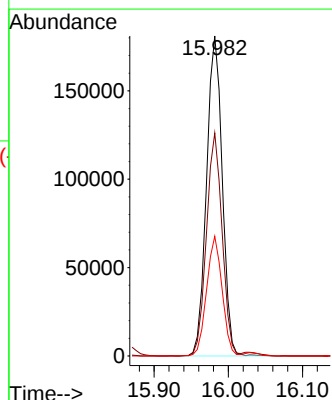
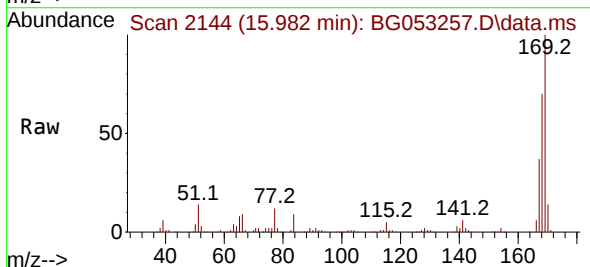
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#66
n-Nitrosodiphenylamine
Concen: 45.150 ng
RT: 15.982 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:169 Resp: 266959
Ion Ratio Lower Upper
169 100
168 69.7 54.5 81.7
167 37.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.671 ng
RT: 16.663 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

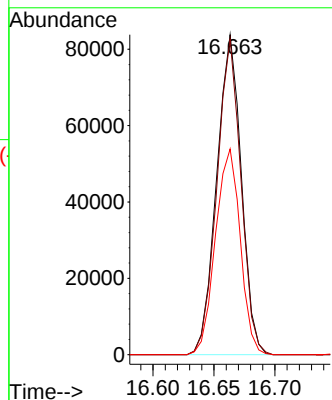
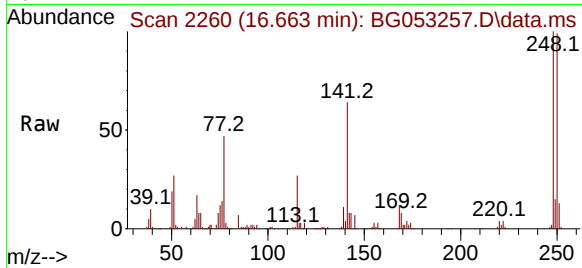
ClientSampleId :

PB144251BS

Tgt Ion:248 Resp: 117689
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 64.3 49.2 73.8

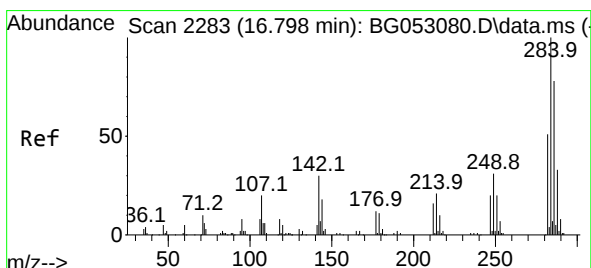
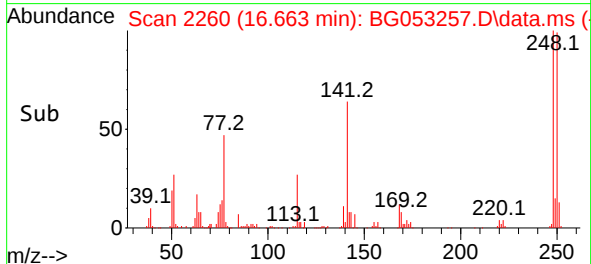
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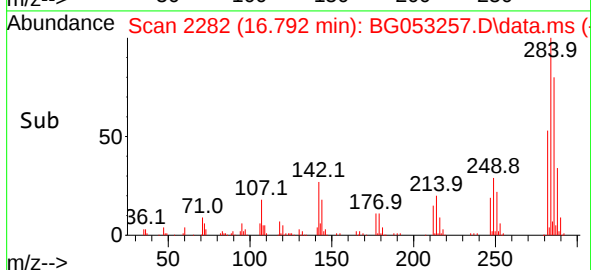
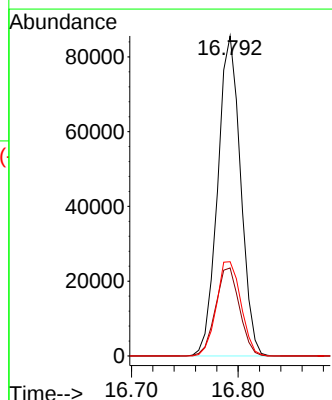
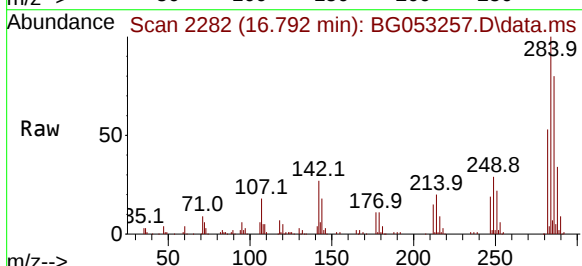
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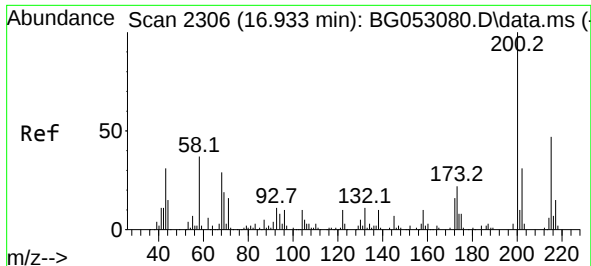
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#68
Hexachlorobenzene
Concen: 44.663 ng
RT: 16.792 min Scan# 2282
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:284 Resp: 127431
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 29.5 22.7 34.1





#69
 Atrazine
 Concen: 49.853 ng
 RT: 16.927 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053257.D
 Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

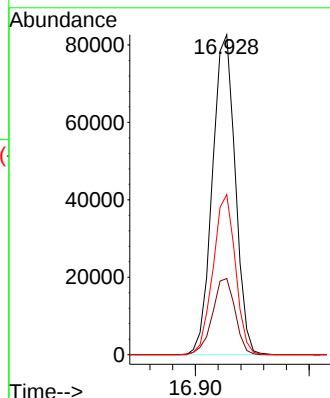
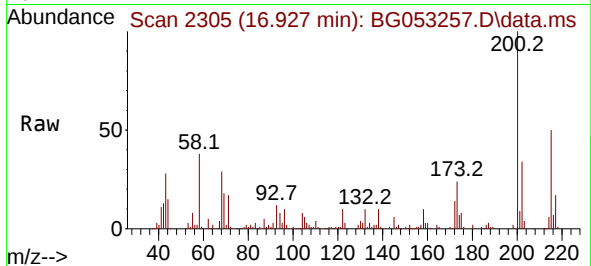
ClientSampleId :

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Tgt Ion:200 Resp: 11514
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.8 43.8
 215 50.0 26.3 66.3

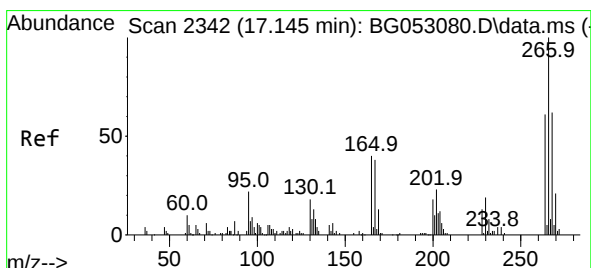
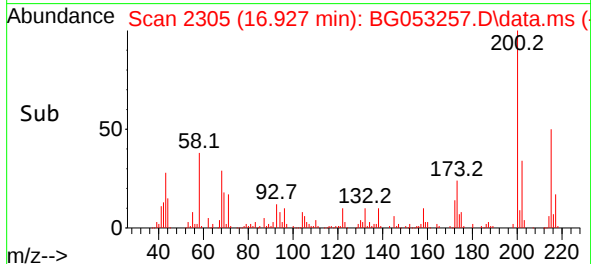
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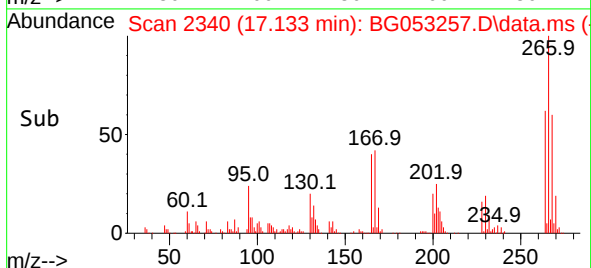
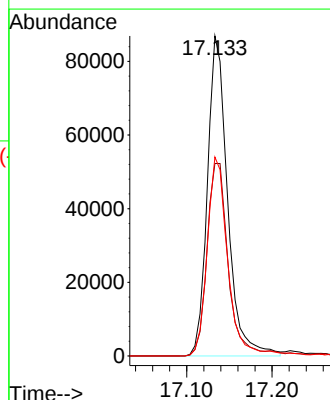
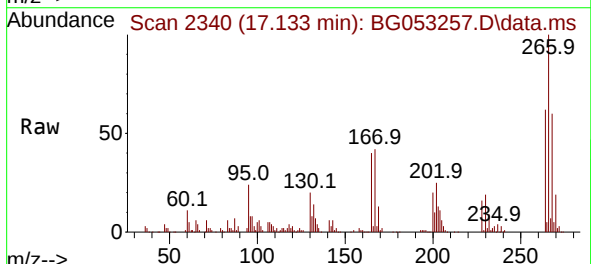
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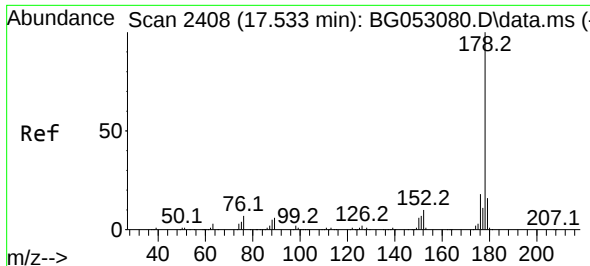
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#70
 Pentachlorophenol
 Concen: 91.748 ng
 RT: 17.133 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053257.D
 Acq: 22 Apr 2022 12:23

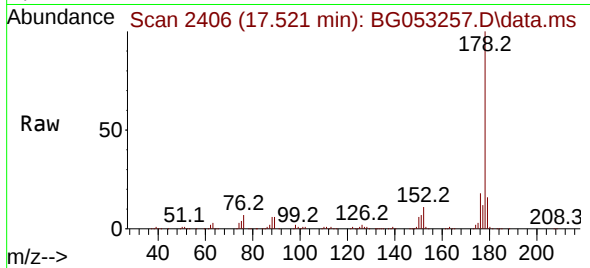
Tgt Ion:266 Resp: 143063
 Ion Ratio Lower Upper
 266 100
 268 60.2 45.9 68.9
 264 62.1 45.3 67.9





#71
Phenanthrene
Concen: 44.991 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

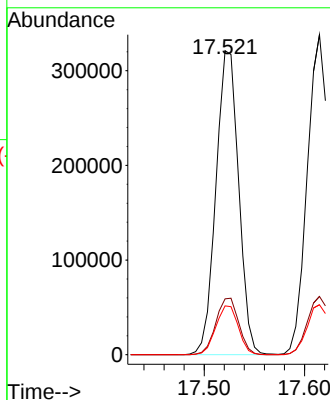
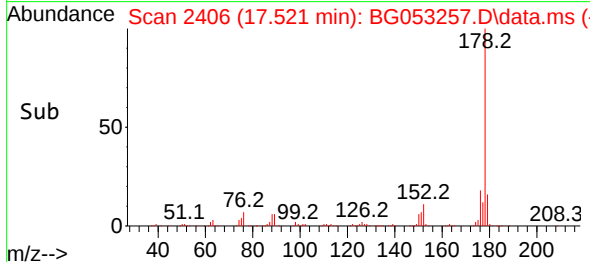
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:178 Resp: 50528
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 16.0 13.4 20.2

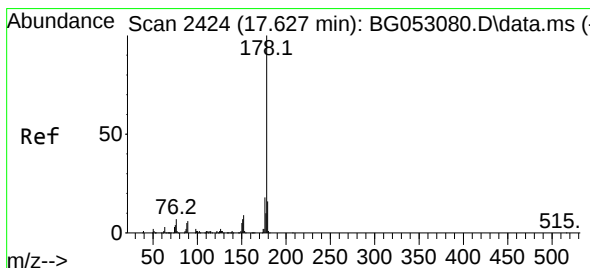
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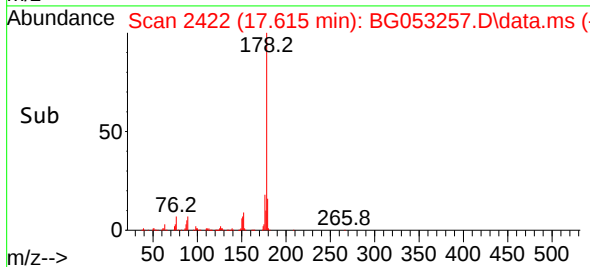
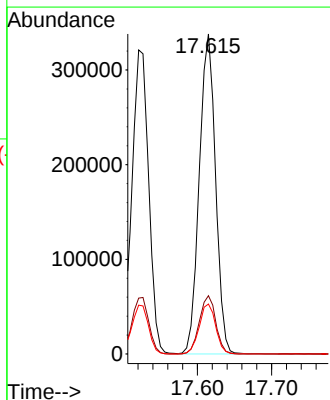
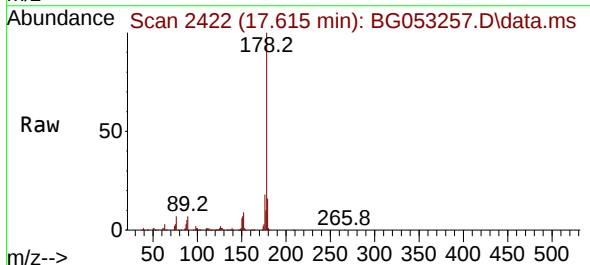
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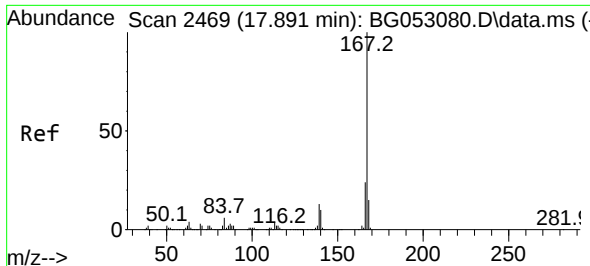
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#72
Anthracene
Concen: 46.292 ng
RT: 17.615 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

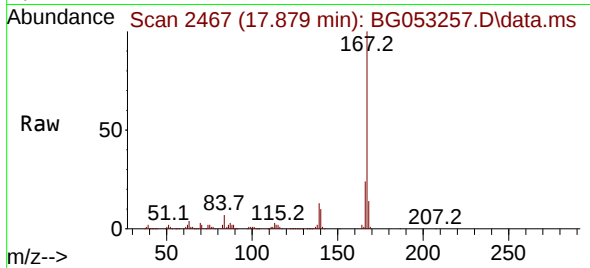
Tgt Ion:178 Resp: 515055
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.6 13.2 19.8





#73
Carbazole
Concen: 44.220 ng
RT: 17.879 min Scan# 2469
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

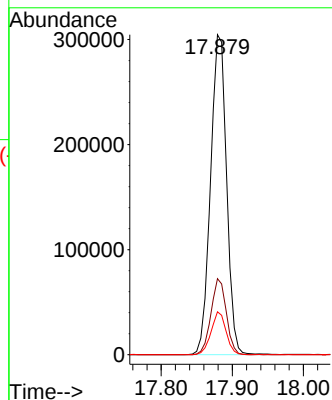
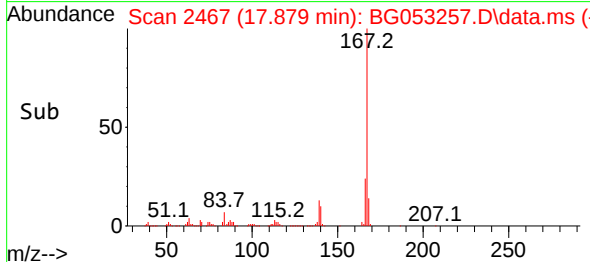
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:167 Resp: 47826
Ion Ratio Lower Upper
167 100
166 23.8 18.5 27.7
139 13.4 10.0 15.0

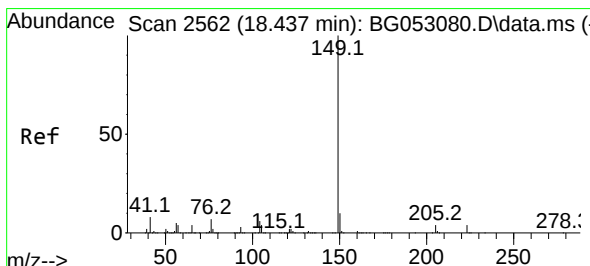
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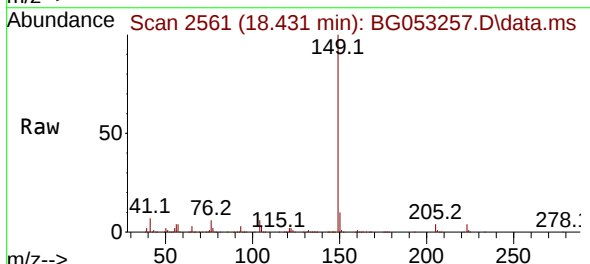


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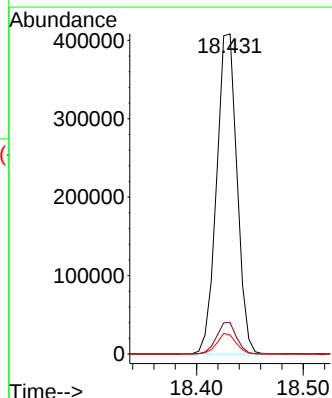
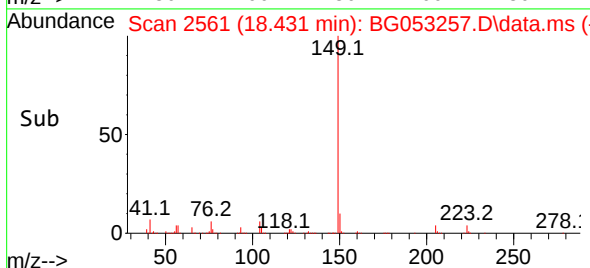
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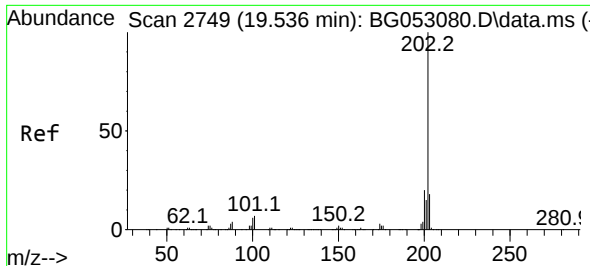


#74
Di-n-butylphthalate
Concen: 44.130 ng
RT: 18.431 min Scan# 2561
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



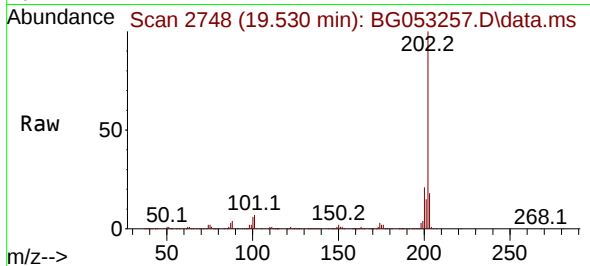
Tgt Ion:149 Resp: 541311
Ion Ratio Lower Upper
149 100
150 9.8 7.0 10.6
104 5.9 4.6 7.0





#75
Fluoranthene
Concen: 45.080 ng
RT: 19.530 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

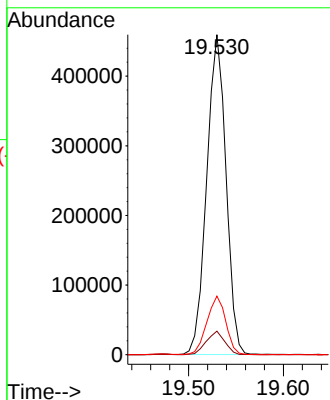
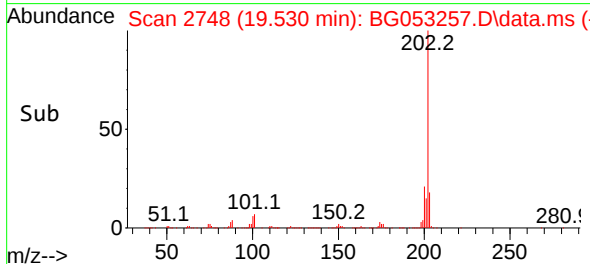
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:202 Resp: 648972
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 18.3 0.0 37.7

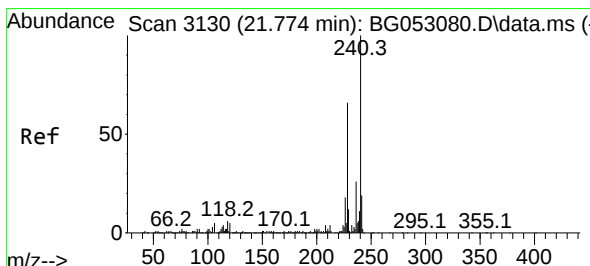
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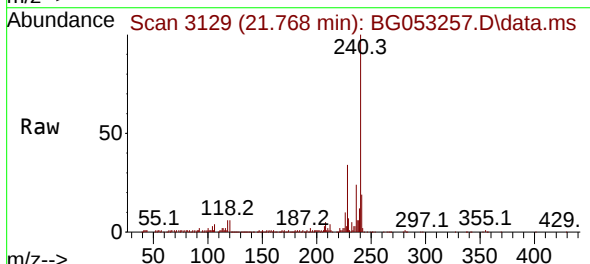


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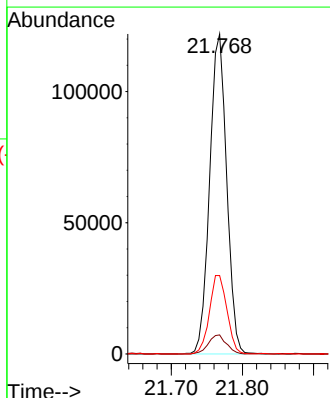
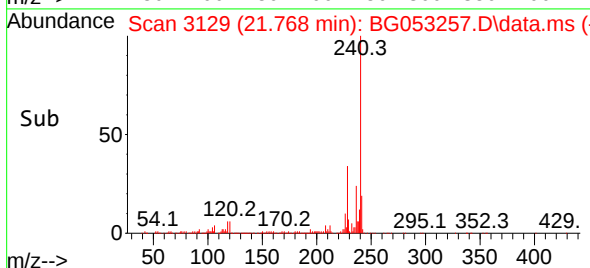
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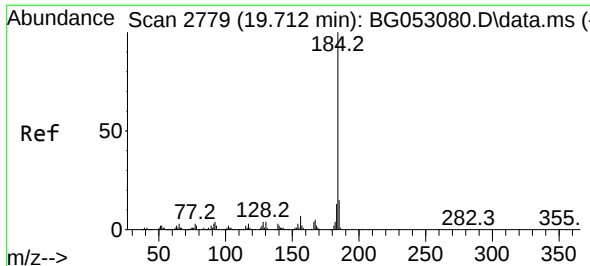


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23



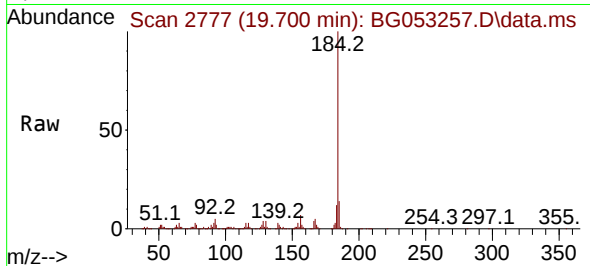
Tgt Ion:240 Resp: 202326
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.5 19.8 29.6





#77
Benzidine
Concen: 60.936 ng
RT: 19.700 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

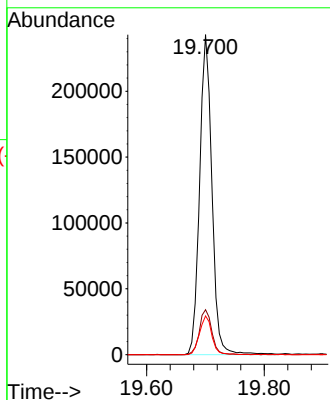
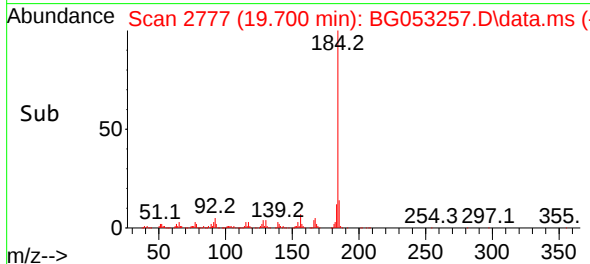
Instrument :
BNA_G
ClientSampleId :
PB144251BS



Tgt Ion:184 Resp: 35176
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 12.1 9.4 14.2

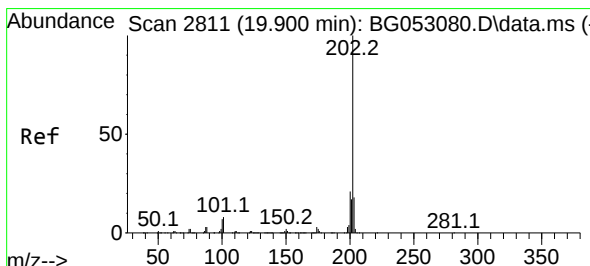
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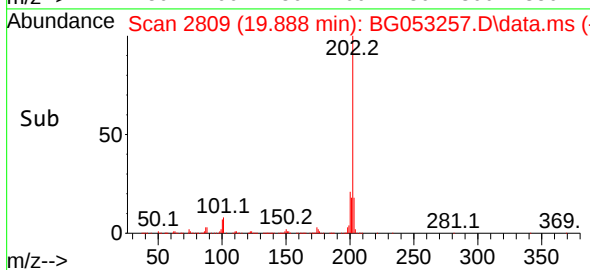
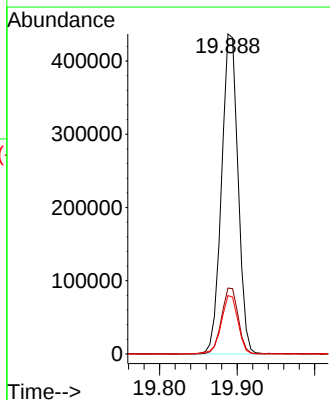
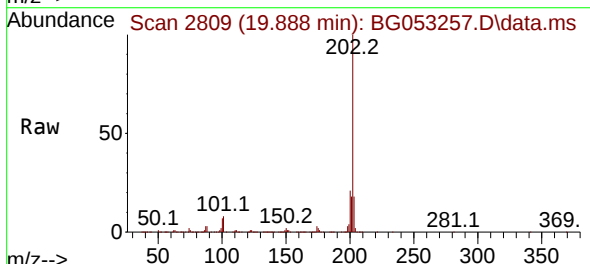
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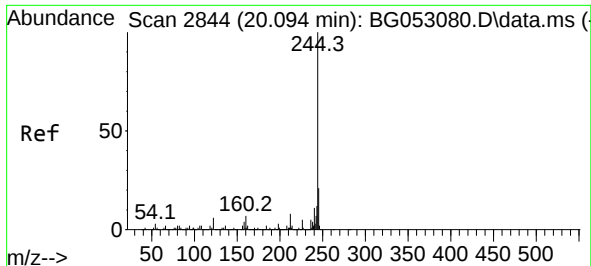
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#78
Pyrene
Concen: 44.913 ng
RT: 19.888 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:202 Resp: 647188
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 18.2 15.0 22.6





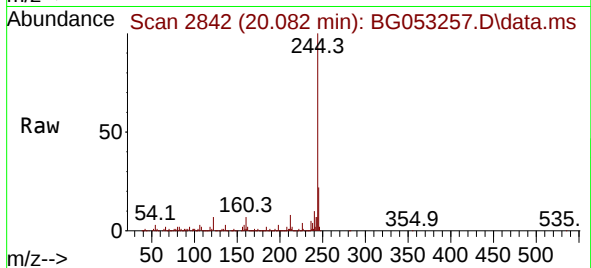
#79
 Terphenyl-d14
 Concen: 85.974 ng
 RT: 20.082 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053257.D
 Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

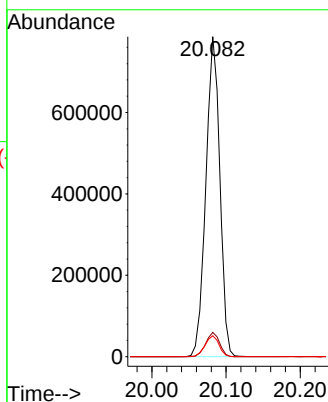
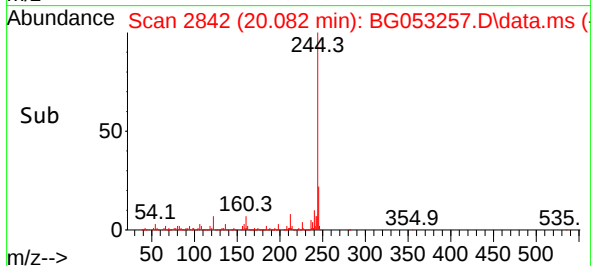
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Tgt Ion:244 Resp: 1029939
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.6 5.8 8.6

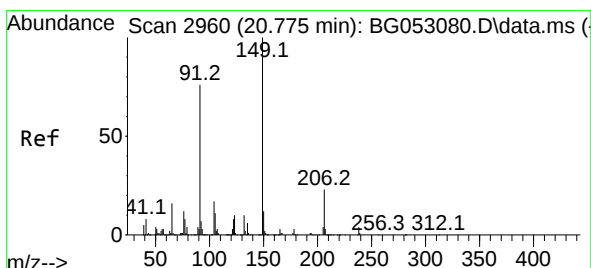
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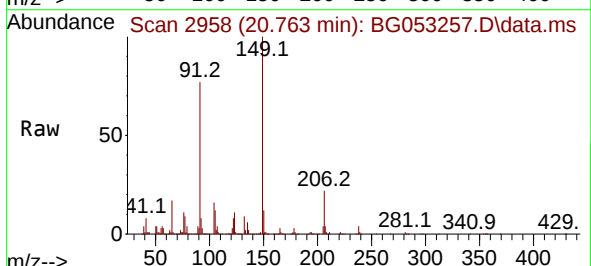


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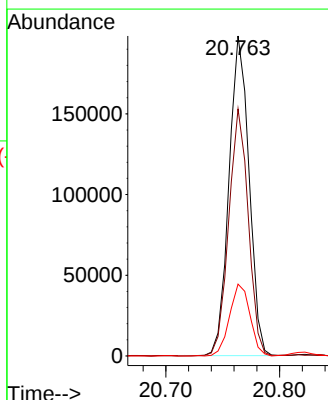
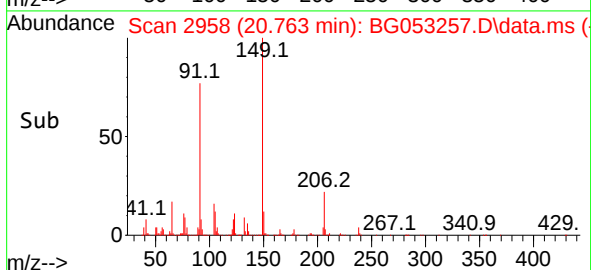
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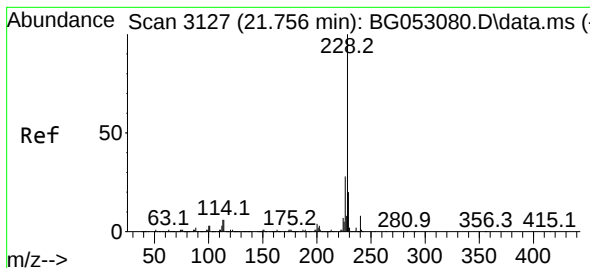


#80
 Butylbenzylphthalate
 Concen: 45.059 ng
 RT: 20.763 min Scan# 2958
 Delta R.T. -0.003 min
 Lab File: BG053257.D
 Acq: 22 Apr 2022 12:23



Tgt Ion:149 Resp: 242064
 Ion Ratio Lower Upper
 149 100
 91 77.2 60.2 90.4
 206 22.4 19.4 29.2





#81

Benzo(a)anthracene

Concen: 45.496 ng

RT: 21.744 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB144251BS

Tgt Ion:228 Resp: 62936

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.0

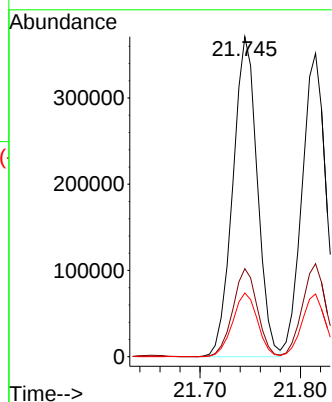
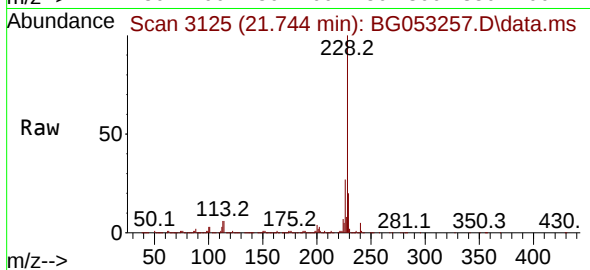
229 19.9 16.7 25.1

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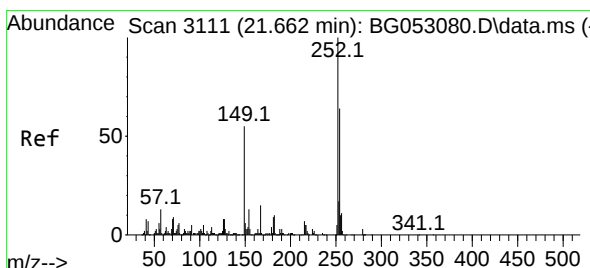
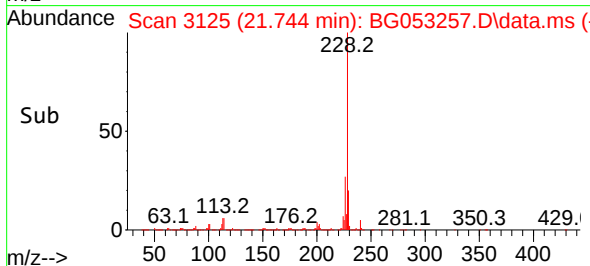
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#82

3,3'-Dichlorobenzidine

Concen: 29.468 ng

RT: 21.651 min Scan# 3109

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

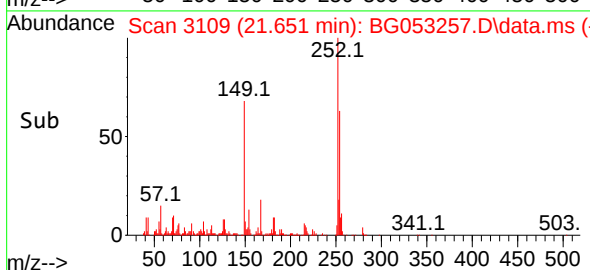
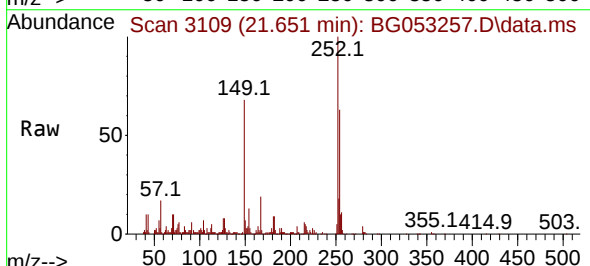
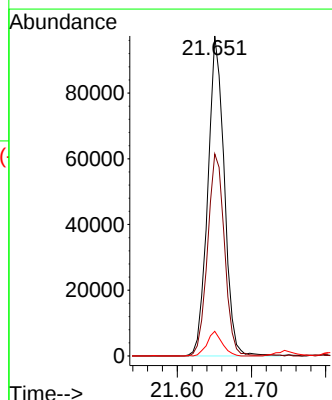
Tgt Ion:252 Resp: 149917

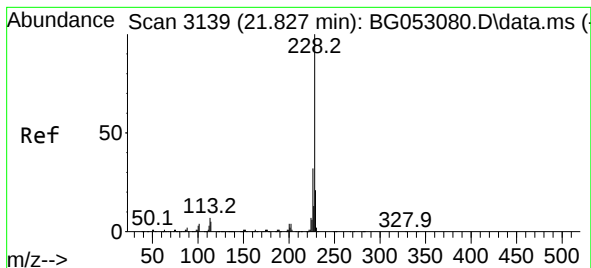
Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

126 7.7 5.8 8.8





#83

Chrysene

Concen: 45.049 ng

RT: 21.815 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

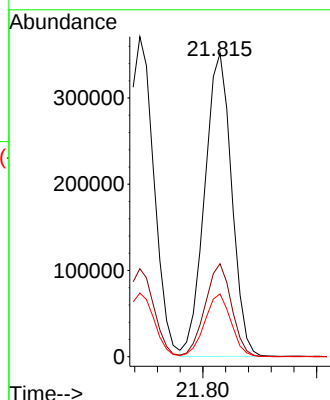
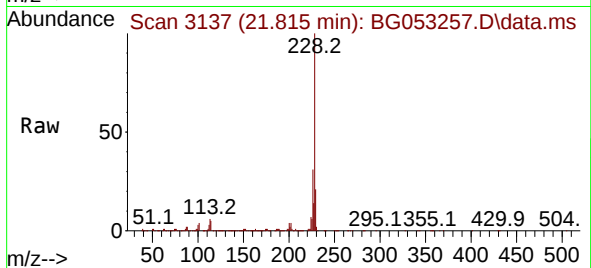
ClientSampleId :

PB144251BS

Tgt Ion:228 Resp: 57836
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.4
 229 20.7 16.3 24.5

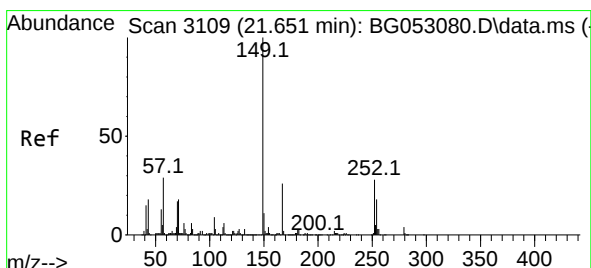
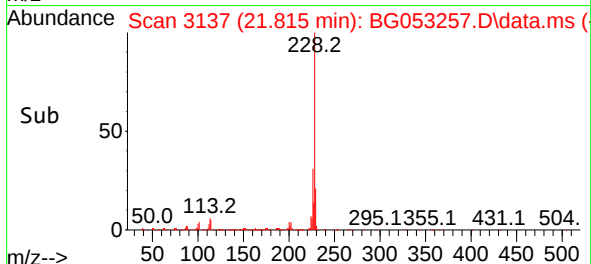
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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.668 ng

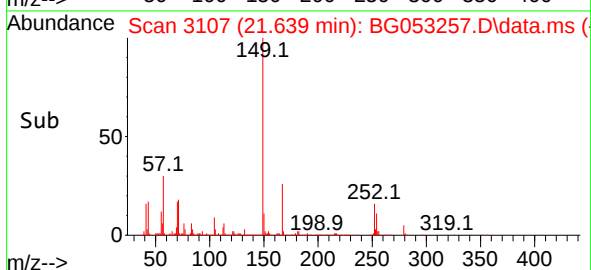
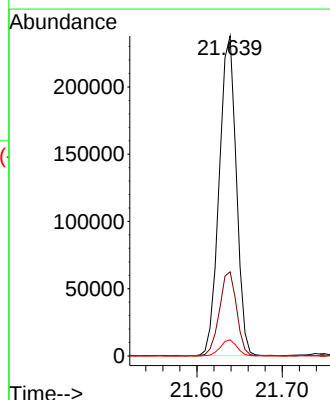
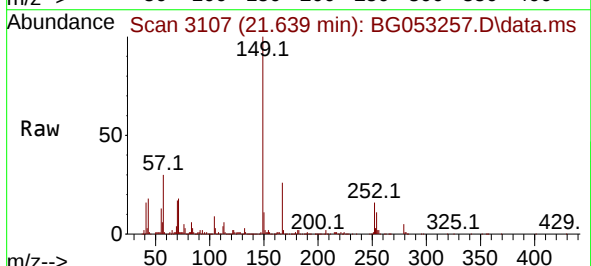
RT: 21.639 min Scan# 3107

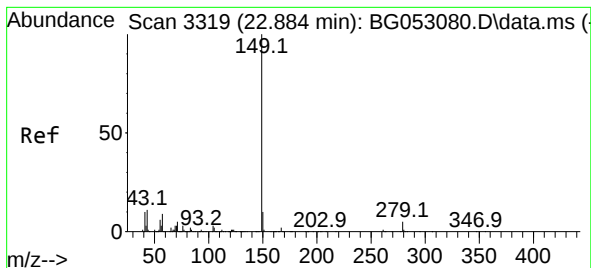
Delta R.T. 0.002 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Tgt Ion:149 Resp: 331622
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.2
 279 5.1 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.340 ng

RT: 22.867 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

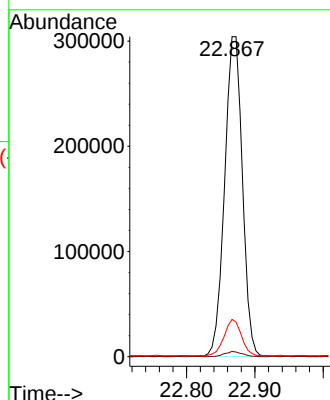
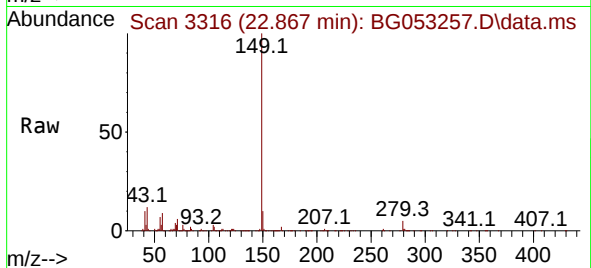
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Tgt Ion:149 Resp: 55063

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	7.6	11.4

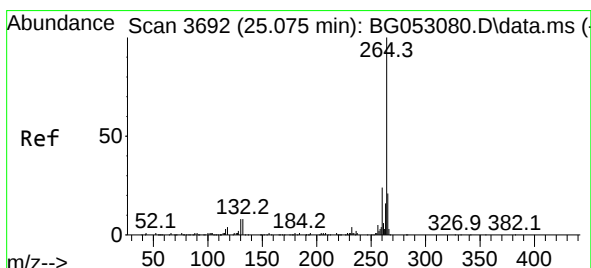
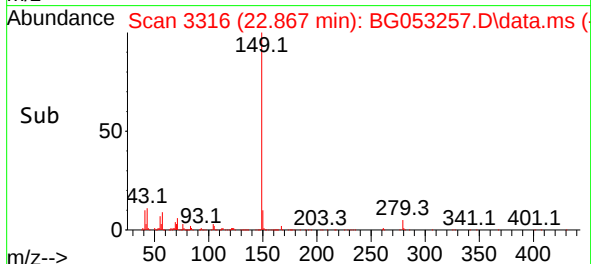
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#86

Perylene-d12

Concen: 20.000 ng

RT: 25.064 min Scan# 3690

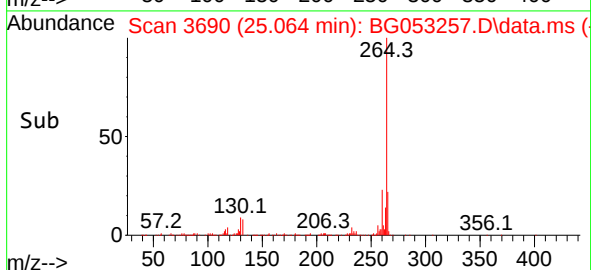
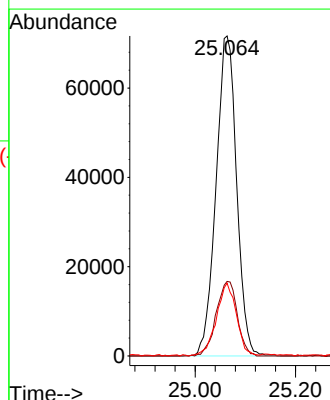
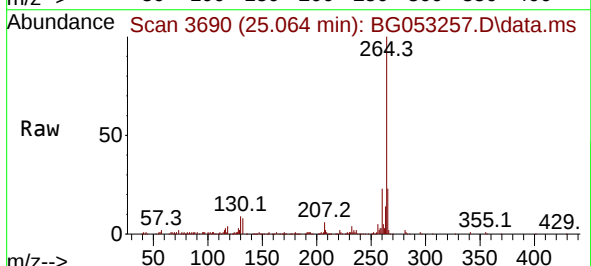
Delta R.T. 0.002 min

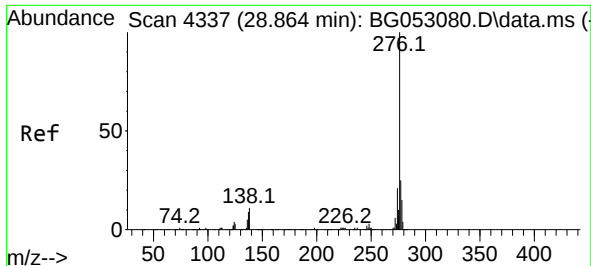
Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Tgt Ion:264 Resp: 203913

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.8	15.1	22.7





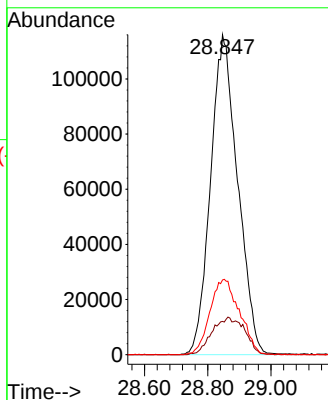
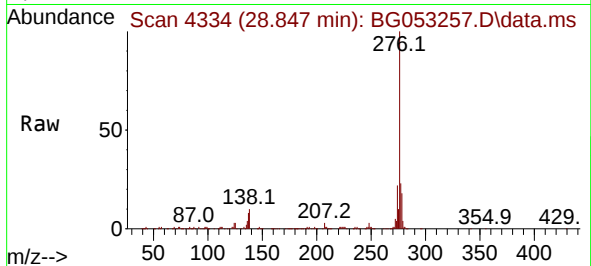
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.609 ng
RT: 28.847 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Instrument :
BNA_G
ClientSampleId :
PB144251BS

Tgt Ion:276 Resp: 690960
Ion Ratio Lower Upper
276 100
138 9.1 8.7 13.1
277 25.7 20.2 30.4

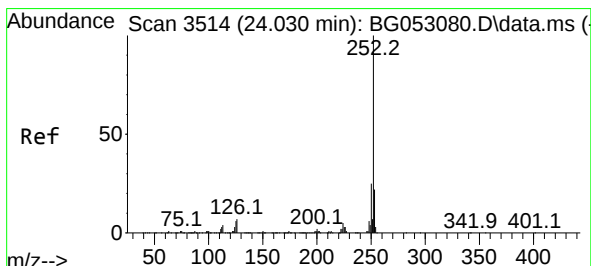
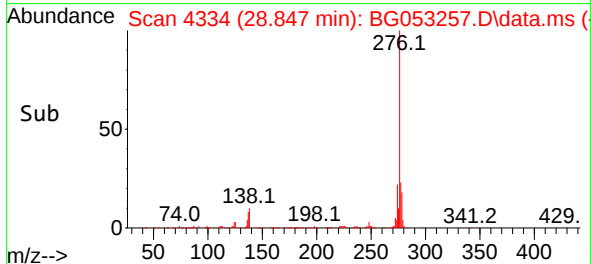
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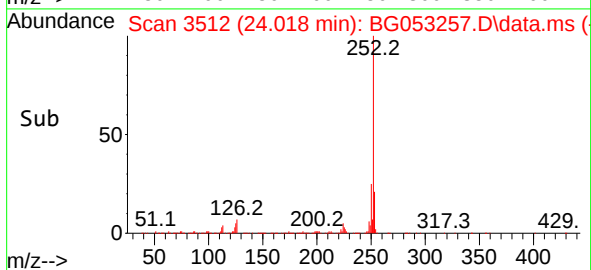
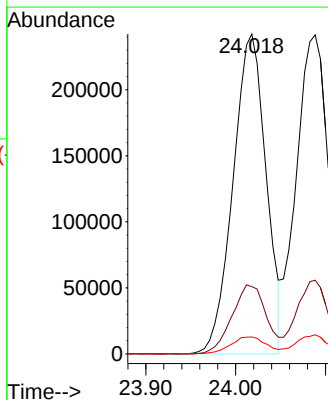
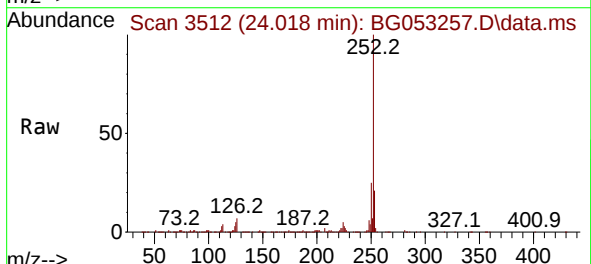
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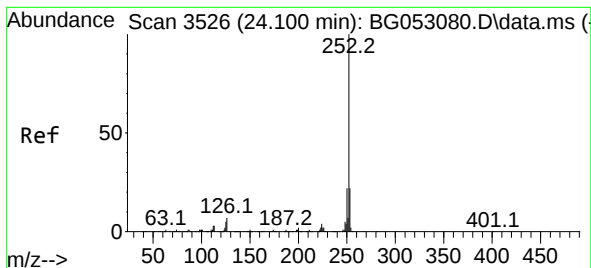
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#88
Benzo(b)fluoranthene
Concen: 47.973 ng
RT: 24.018 min Scan# 3512
Delta R.T. -0.003 min
Lab File: BG053257.D
Acq: 22 Apr 2022 12:23

Tgt Ion:252 Resp: 617205
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 5.3 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 48.027 ng

RT: 24.088 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

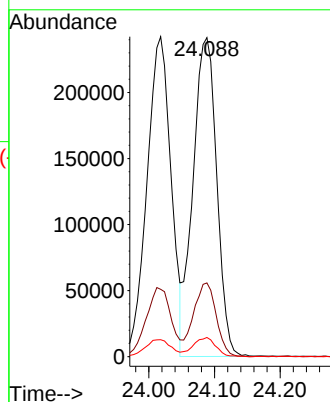
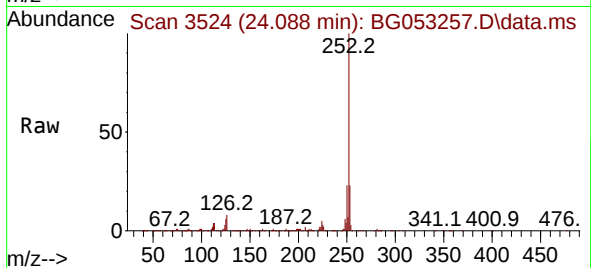
ClientSampleId :

PB144251BS

Tgt Ion:252 Resp: 60728
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 6.0 5.0 7.4

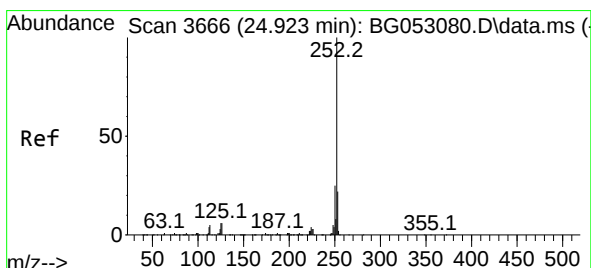
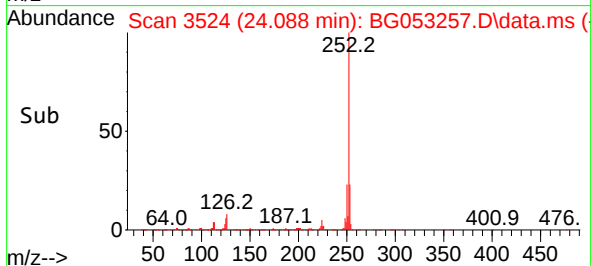
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#90

Benzo(a)pyrene

Concen: 55.276 ng

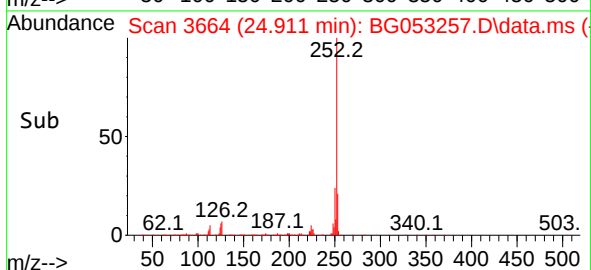
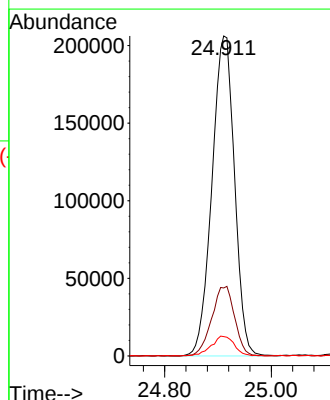
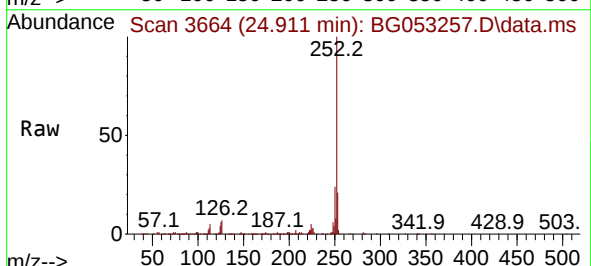
RT: 24.911 min Scan# 3664

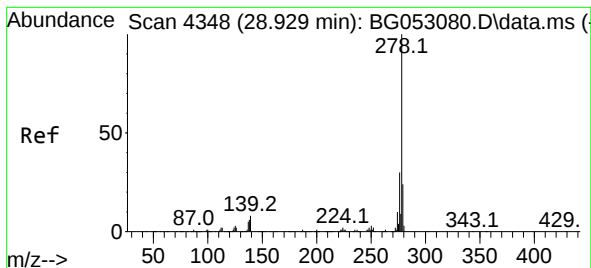
Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Tgt Ion:252 Resp: 605851
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.4 27.6
 125 6.1 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 49.015 ng

RT: 28.900 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Instrument :

BNA_G

ClientSampleId :

PB144251BS

Tgt Ion:278 Resp: 611164

Ion Ratio Lower Upper

278 100

139 9.1 7.8 11.6

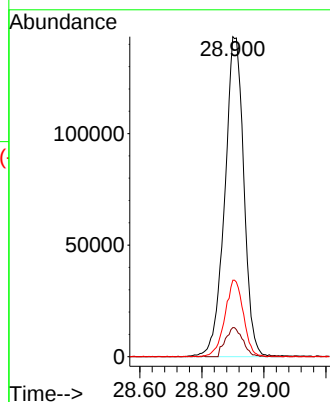
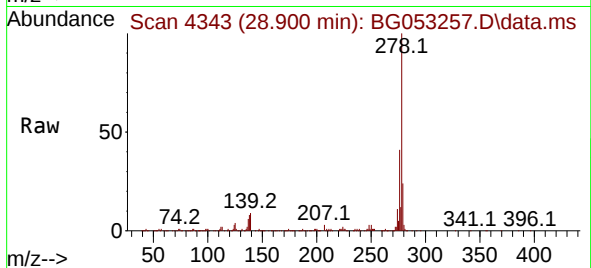
279 23.9 18.5 27.7

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APPROVED

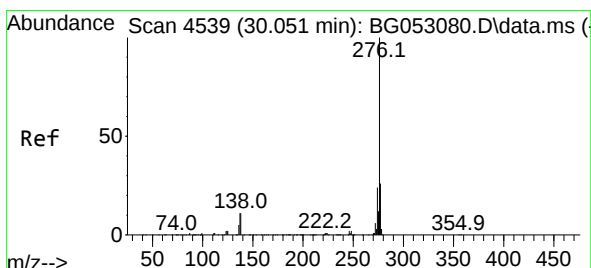
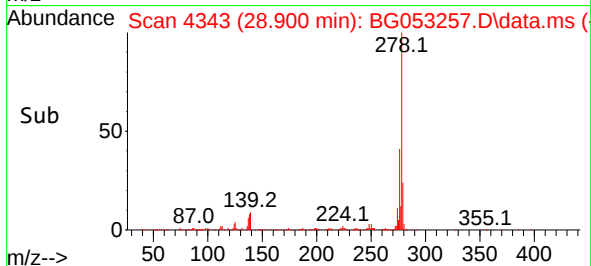
Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



04/25/2022
Supervised By :Jagrut
Upadhyay

04/25/2022



#92

Benzo(g,h,i)perylene

Concen: 48.561 ng

RT: 30.033 min Scan# 4536

Delta R.T. -0.003 min

Lab File: BG053257.D

Acq: 22 Apr 2022 12:23

Tgt Ion:276 Resp: 596806

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.2

138 11.0 9.1 13.7

