

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056296.D
 Acq On : 16 Jan 2023 14:37
 Operator : CG/JU
 Sample : PB150241BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

Quant Time: Jan 17 05:24:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	43258	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	169181	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	141161	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	373286	20.000	ng	0.00
76) Chrysene-d12	21.966	240	351767	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	372739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	366158	151.134	ng	0.01
7) Phenol-d6	7.454	99	509140	136.842	ng	0.00
23) Nitrobenzene-d5	9.492	82	276615	83.634	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	248315	138.896	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	893174	87.374	ng	0.00
79) Terphenyl-d14	20.239	244	1805244	91.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	37133	33.556	ng	# 86
3) Pyridine	4.063	79	104901	31.124	ng	# 95
4) n-Nitrosodimethylamine	3.975	42	26496	38.645	ng	# 89
6) Aniline	7.630	93	151287	31.006	ng	98
8) 2-Chlorophenol	7.877	128	124968	51.835	ng	96
9) Benzaldehyde	7.436	77	73341	33.152	ng	97
10) Phenol	7.483	94	180570	47.855	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	113240	44.286	ng	95
12) 1,3-Dichlorobenzene	8.206	146	140047	47.729	ng	98
13) 1,4-Dichlorobenzene	8.352	146	139820	47.453	ng	98
14) 1,2-Dichlorobenzene	8.676	146	138120	48.582	ng	97
15) Benzyl Alcohol	8.546	79	117856	43.524	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.846	45	23737	52.531	ng	# 80
17) 2-Methylphenol	8.746	107	123403	44.571	ng	95
18) Hexachloroethane	9.416	117	42756	47.767	ng	92
19) n-Nitroso-di-n-propyla...	9.116	70	90133	39.838	ng	99
20) 3+4-Methylphenols	9.075	107	170807	43.880	ng	97
22) Acetophenone	9.140	105	200741	41.964	ng	# 99
24) Nitrobenzene	9.533	77	134058	40.900	ng	100
25) Isophorone	10.051	82	271803	39.058	ng	# 94
26) 2-Nitrophenol	10.244	139	75746	45.167	ng	95
27) 2,4-Dimethylphenol	10.291	122	139437	45.586	ng	99
28) bis(2-Chloroethoxy)met...	10.532	93	156878	43.374	ng	100
29) 2,4-Dichlorophenol	10.785	162	159045	47.032	ng	99
30) 1,2,4-Trichlorobenzene	11.008	180	171757	44.757	ng	99
31) Naphthalene	11.202	128	392821	44.119	ng	100
32) Benzoic acid	10.421	122	93146	41.042	ng	96
33) 4-Chloroaniline	11.296	127	82737	19.463	ng	96
34) Hexachlorobutadiene	11.478	225	121777	44.122	ng	98
35) Caprolactam	12.060	113	33306	29.090	ng	93
36) 4-Chloro-3-methylphenol	12.389	107	152965	44.578	ng	98
37) 2-Methylnaphthalene	12.783	142	306668	40.791	ng	98
38) 1-Methylnaphthalene	12.994	142	291610	41.770	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	233071	44.053	ng	99
41) Hexachlorocyclopentadiene	13.118	237	303405	100.587	ng	98
43) 2,4,6-Trichlorophenol	13.370	196	162812	46.539	ng	99

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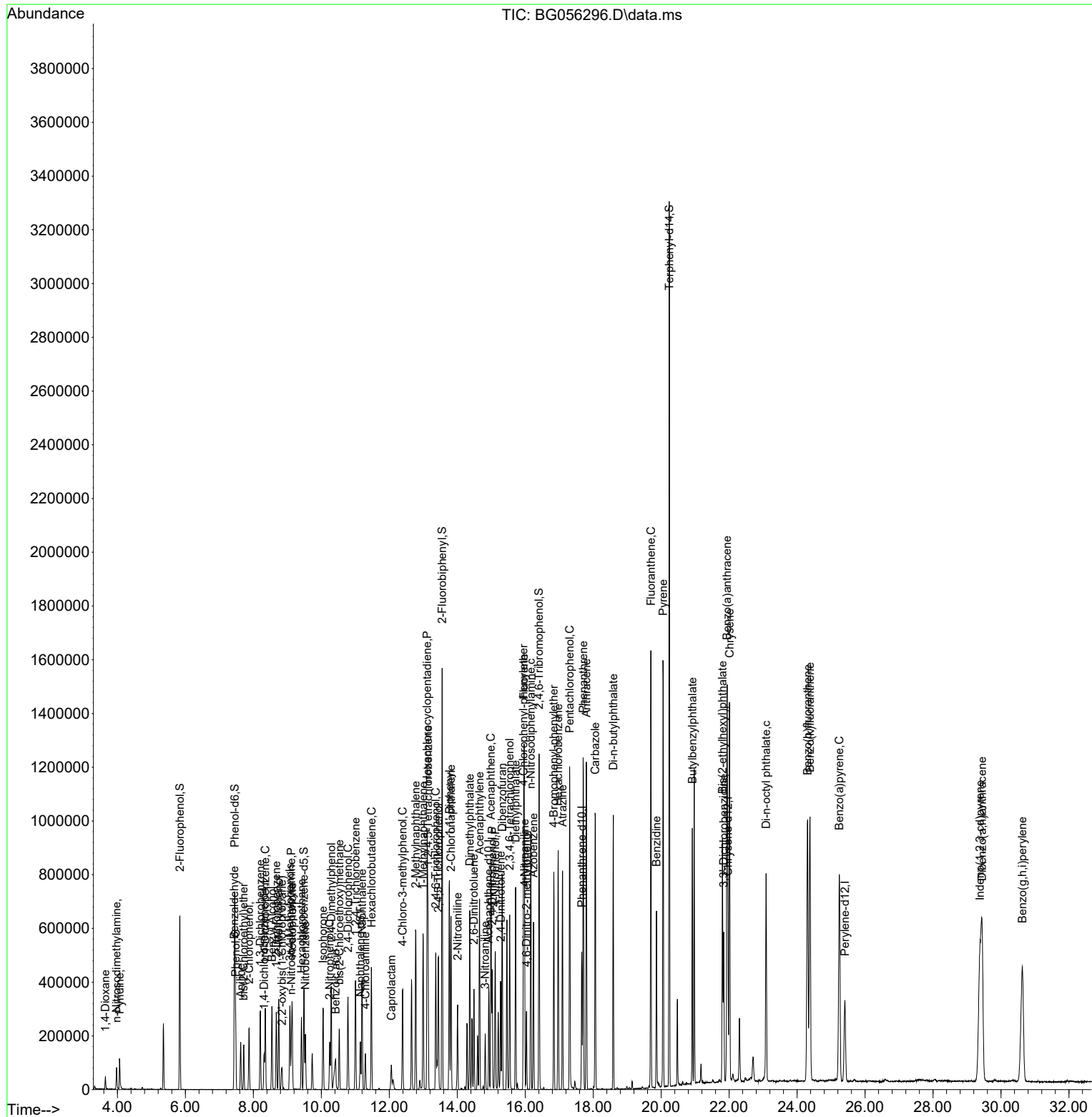
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	178766	43.197	ng	96
46) 1,1'-Biphenyl	13.770	154	456814	45.187	ng	97
47) 2-Chloronaphthalene	13.817	162	364254	45.648	ng	98
48) 2-Nitroaniline	14.011	65	76973	45.274	ng	97
49) Acenaphthylene	14.657	152	571215	43.989	ng	98
50) Dimethylphthalate	14.369	163	503732	44.205	ng	99
51) 2,6-Dinitrotoluene	14.492	165	108372	44.632	ng	99
52) Acenaphthene	14.992	154	363712	43.066	ng	99
53) 3-Nitroaniline	14.821	138	65188	28.209	ng	97
54) 2,4-Dinitrophenol	15.027	184	159519	91.961	ng	97
55) Dibenzofuran	15.327	168	615572	44.045	ng	98
56) 4-Nitrophenol	15.121	139	167688	94.351	ng	94
57) 2,4-Dinitrotoluene	15.280	165	158472	46.667	ng	88
58) Fluorene	15.967	166	494425	43.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	176662	45.465	ng	96
60) Diethylphthalate	15.720	149	474257	44.378	ng	98
61) 4-Chlorophenyl-phenyle...	15.949	204	306804	43.735	ng	99
62) 4-Nitroaniline	15.985	138	103535	43.738	ng	96
63) Azobenzene	16.243	77	361070	43.783	ng	98
65) 4,6-Dinitro-2-methylph...	16.038	198	107539	42.759	ng	97
66) n-Nitrosodiphenylamine	16.167	169	463880	44.789	ng	96
67) 4-Bromophenyl-phenylether	16.843	248	212121	44.625	ng	97
68) Hexachlorobenzene	16.972	284	212798	47.983	ng	98
69) Atrazine	17.101	200	230698	53.746	ng	97
70) Pentachlorophenol	17.313	266	278280	81.686	ng	96
71) Phenanthrene	17.706	178	863559	44.640	ng	98
72) Anthracene	17.800	178	878309	44.013	ng	99
73) Carbazole	18.065	167	768437	45.811	ng	99
74) Di-n-butylphthalate	18.593	149	784788	46.934	ng	100
75) Fluoranthene	19.698	202	1085188	43.005	ng	99
77) Benzidine	19.863	184	427462	34.676	ng	98
78) Pyrene	20.056	202	1102038	44.448	ng	99
80) Butylbenzylphthalate	20.920	149	330134	46.411	ng	97
81) Benzo(a)anthracene	21.942	228	1096099	44.364	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	260138	29.249	ng	98
83) Chrysene	22.013	228	1015214	43.867	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	468941	45.759	ng	99
85) Di-n-octyl phthalate	23.088	149	806599	46.623	ng	100
87) Indeno(1,2,3-cd)pyrene	29.381	276	1282012	47.293	ng	100
88) Benzo(b)fluoranthene	24.310	252	1150469	48.579	ng	98
89) Benzo(k)fluoranthene	24.381	252	1121238	47.544	ng	100
90) Benzo(a)pyrene	25.244	252	1015449	43.961	ng	100
91) Dibenzo(a,h)anthracene	29.445	278	1073864	47.250	ng	99
92) Benzo(g,h,i)perylene	30.632	276	1042359	47.295	ng	97

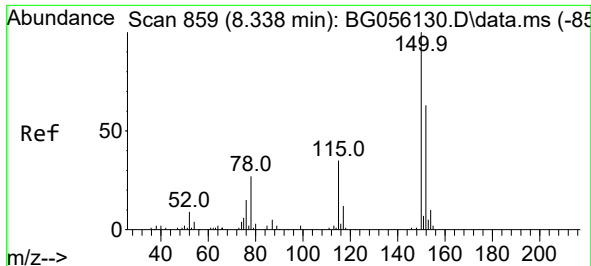
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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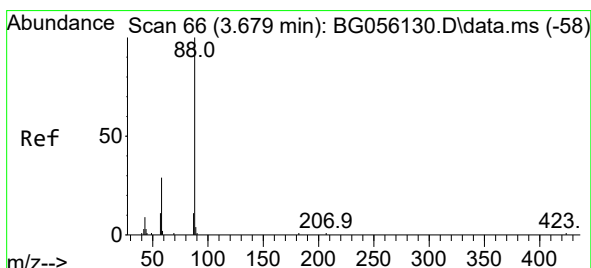
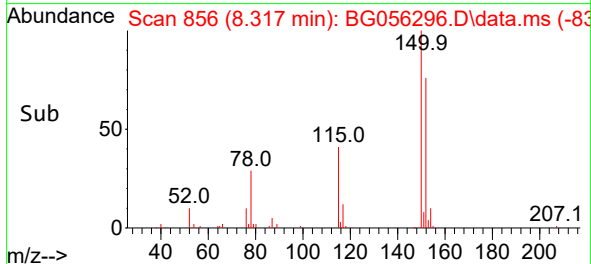
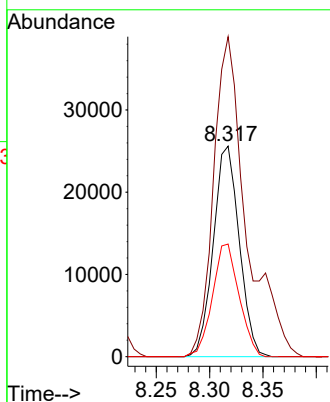
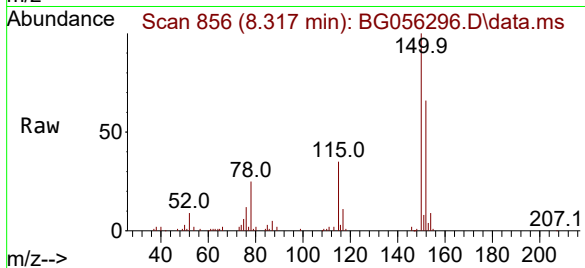




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG056296.D
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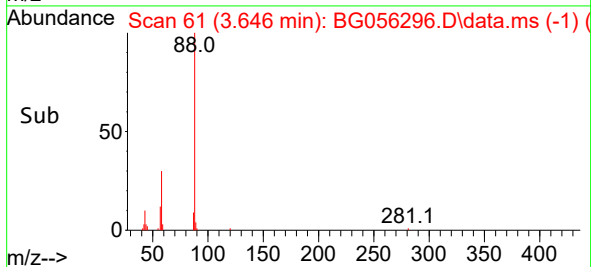
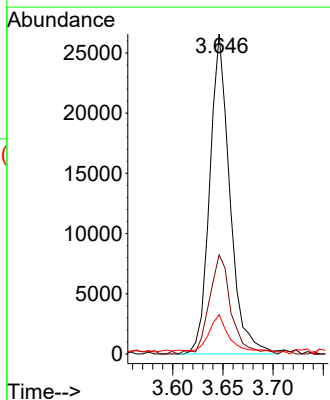
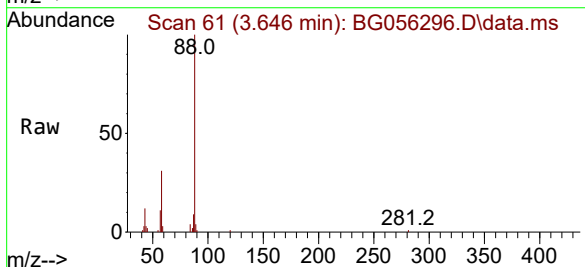
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BNA_G
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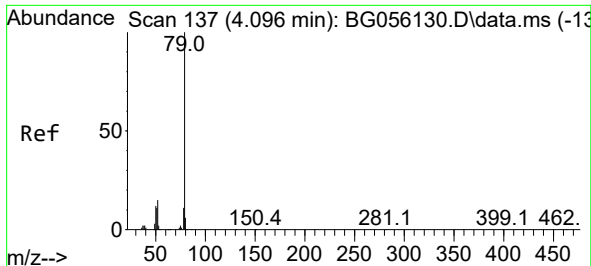
Tgt Ion:152 Resp: 43258
Ion Ratio Lower Upper
152 100
150 151.9 127.9 191.9
115 53.5 44.2 66.2



#2
1,4-Dioxane
Concen: 33.556 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion: 88 Resp: 37133
Ion Ratio Lower Upper
88 100
58 33.6 21.4 32.0#
43 14.0 7.1 10.7#

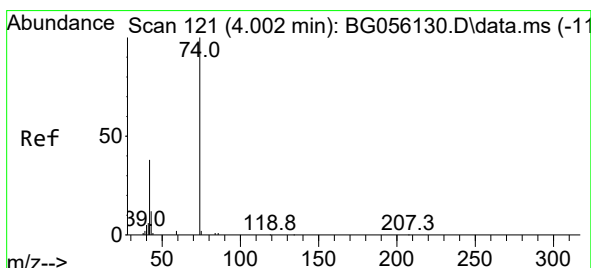
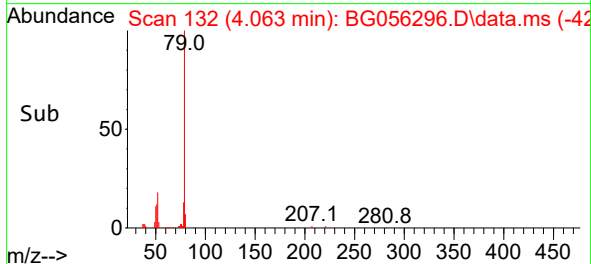
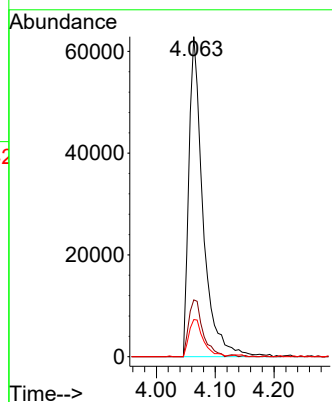
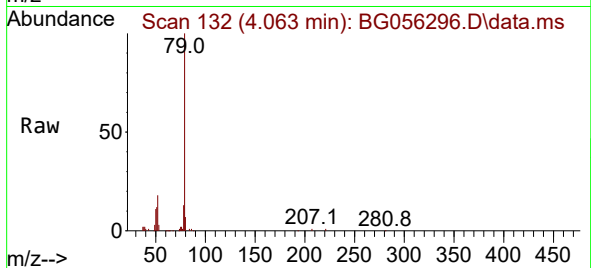




#3
 Pyridine
 Concen: 31.124 ng
 RT: 4.063 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

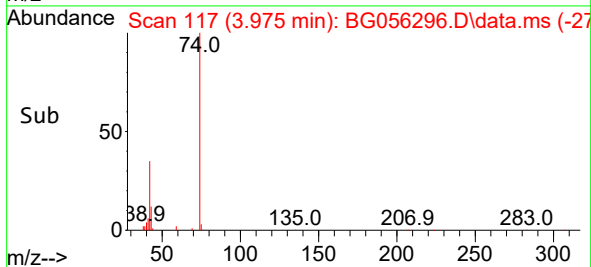
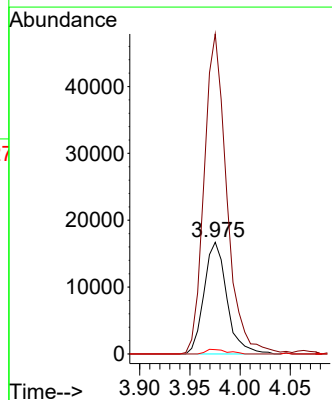
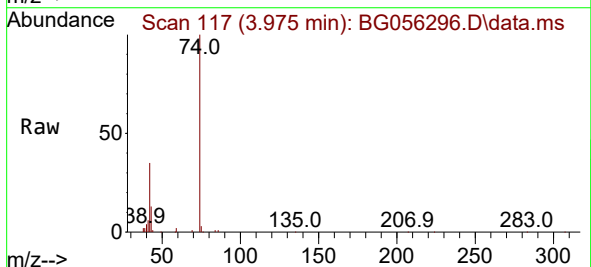
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 ClientSampleId :
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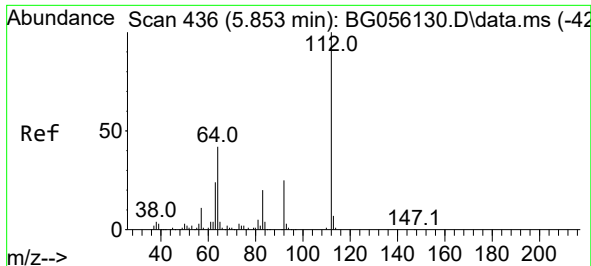
Tgt Ion: 79 Resp: 104901
 Ion Ratio Lower Upper
 79 100
 52 17.7 11.8 17.6#
 51 11.6 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 38.645 ng
 RT: 3.975 min Scan# 117
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion: 42 Resp: 26496
 Ion Ratio Lower Upper
 42 100
 74 286.5 212.6 319.0
 44 3.8 2.6 3.8#

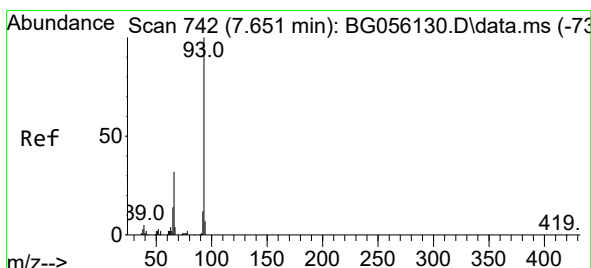
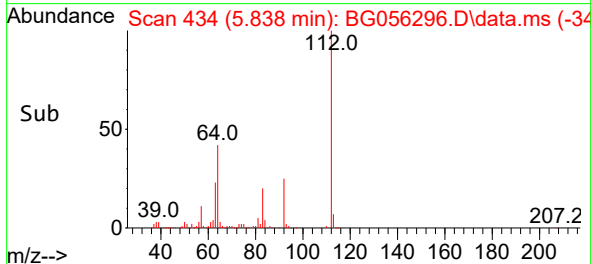
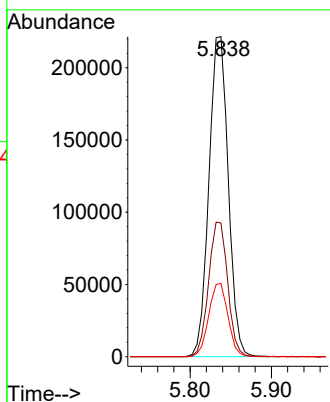
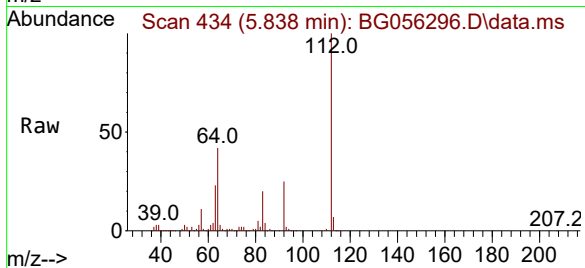




#5
2-Fluorophenol
Concen: 151.134 ng
RT: 5.838 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

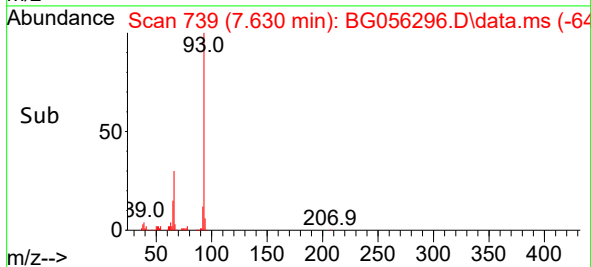
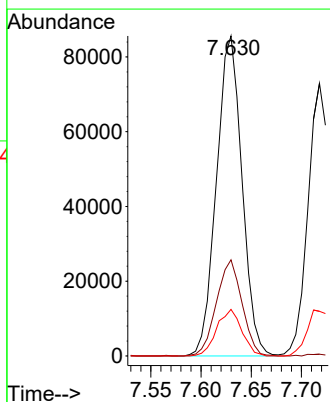
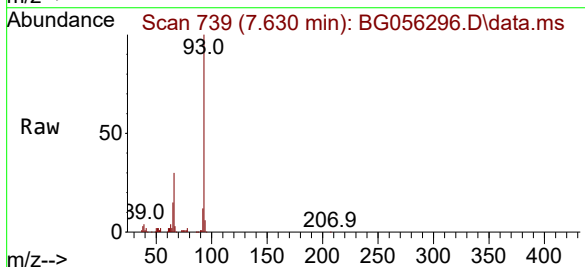
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ClientSampleId :
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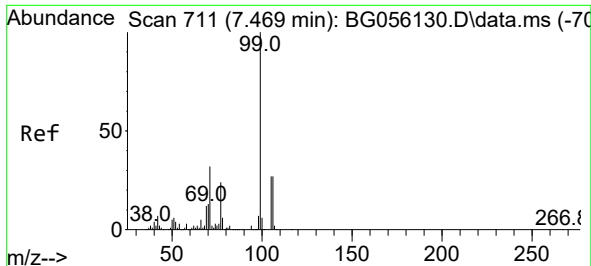
Tgt Ion:112 Resp: 366158
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 22.9 19.0 28.4



#6
Aniline
Concen: 31.006 ng
RT: 7.630 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion: 93 Resp: 151287
Ion Ratio Lower Upper
93 100
66 30.1 25.4 38.2
65 14.6 11.4 17.2

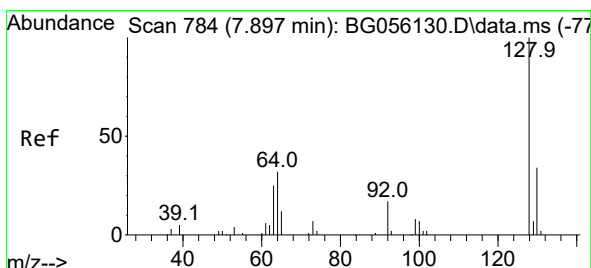
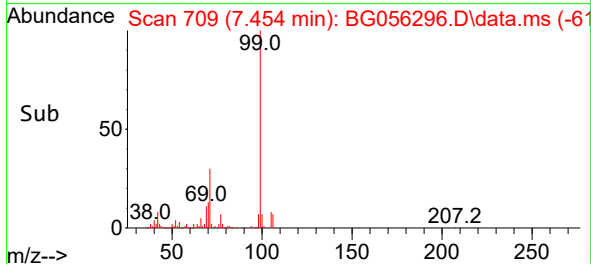
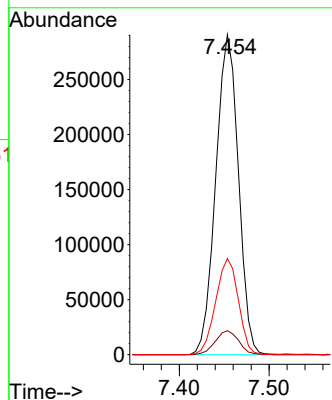
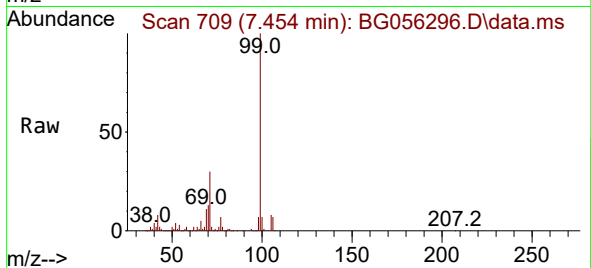




#7
Phenol-d6
Concen: 136.842 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

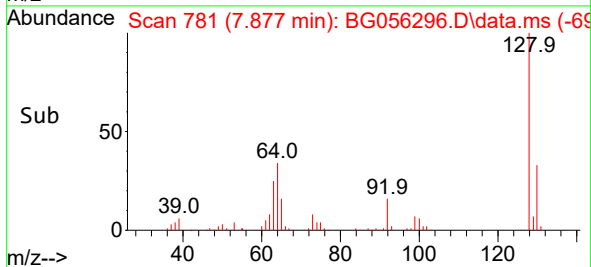
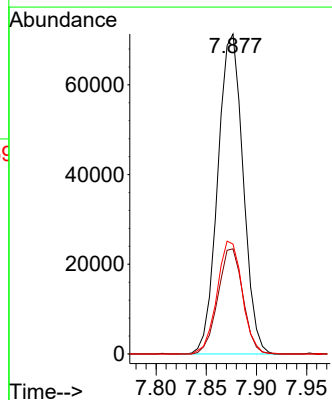
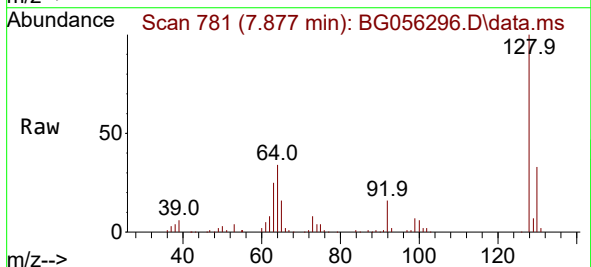
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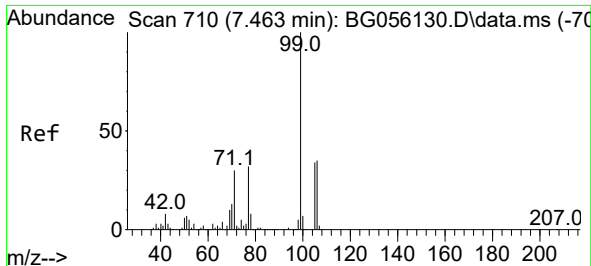
Tgt Ion: 99 Resp: 509140
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 30.0 25.4 38.2



#8
2-Chlorophenol
Concen: 51.835 ng
RT: 7.877 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:128 Resp: 124968
Ion Ratio Lower Upper
128 100
130 32.9 13.5 53.5
64 34.4 18.0 58.0

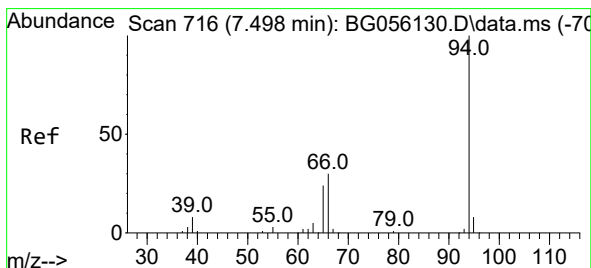
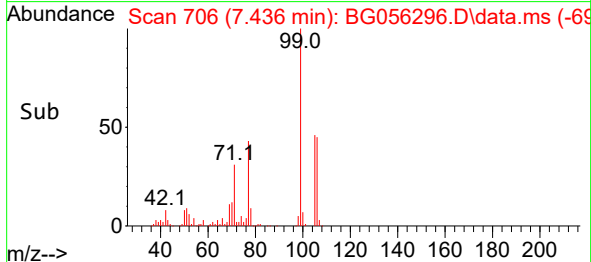
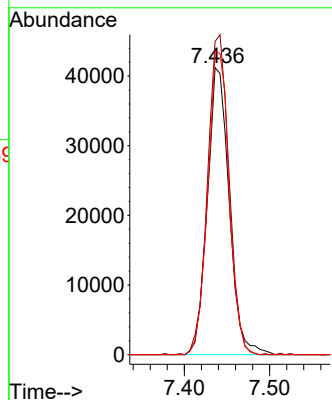
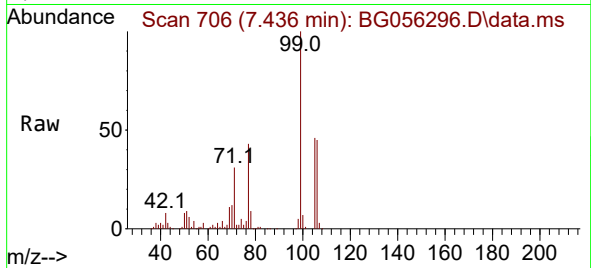




#9
Benzaldehyde
Concen: 33.152 ng
RT: 7.436 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG056296.D
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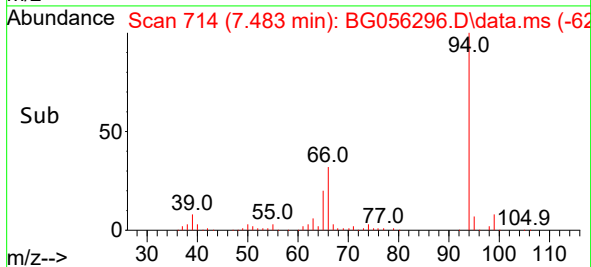
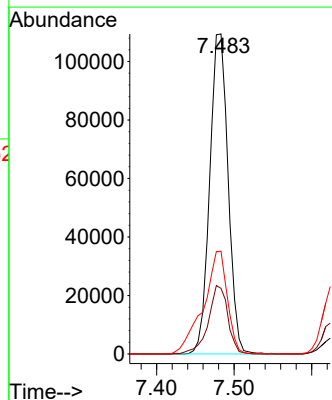
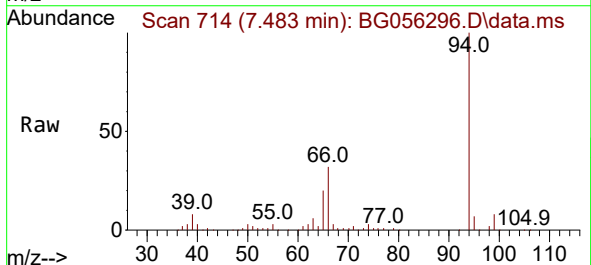
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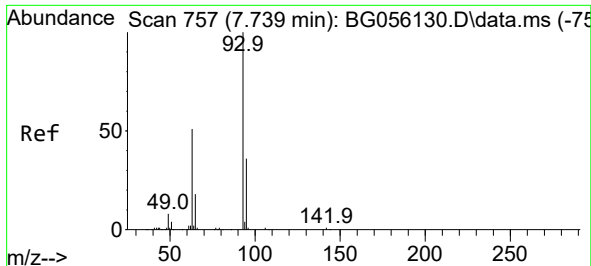
Tgt Ion: 77 Resp: 73341
Ion Ratio Lower Upper
77 100
105 109.1 86.8 126.8
106 105.7 89.3 129.3



#10
Phenol
Concen: 47.855 ng
RT: 7.483 min Scan# 714
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 180570
Ion Ratio Lower Upper
94 100
65 20.5 4.3 44.3
66 32.1 13.2 53.2

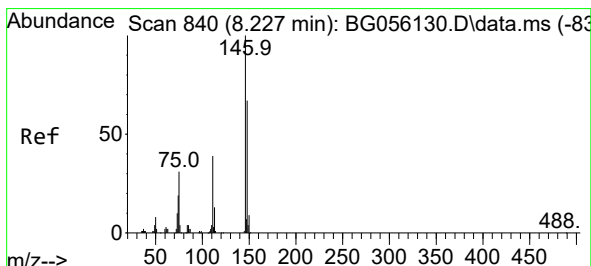
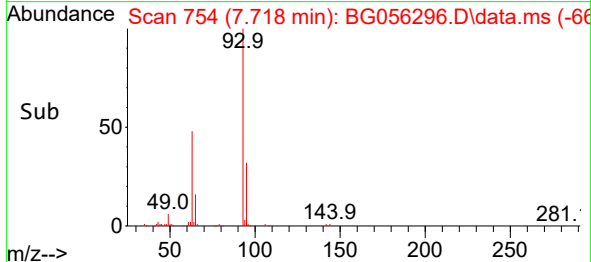
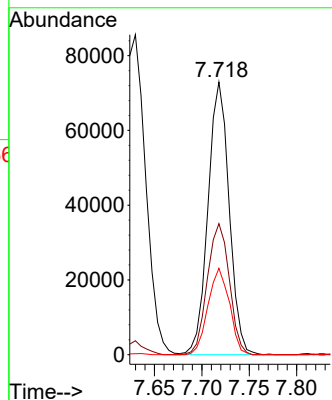
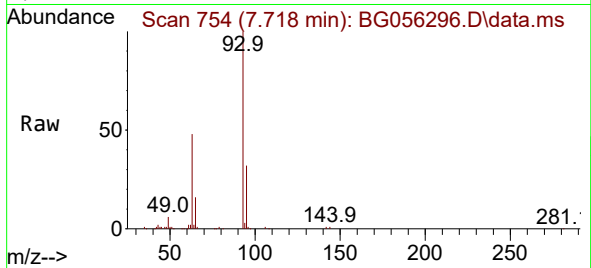




#11
bis(2-Chloroethyl)ether
Concen: 44.286 ng
RT: 7.718 min Scan# 718
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

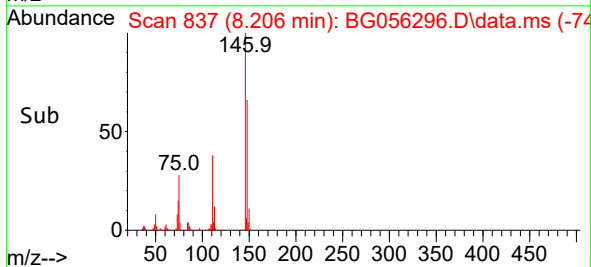
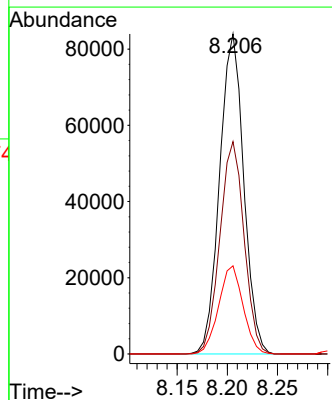
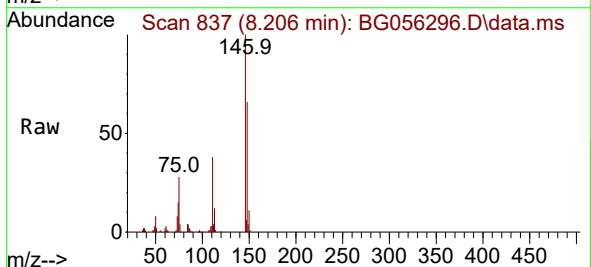
Instrument :
BNA_G
ClientSampleId :
PB150241BS

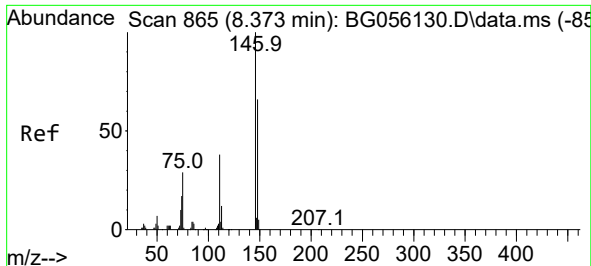
Tgt Ion: 93 Resp: 113240
Ion Ratio Lower Upper
93 100
63 48.1 30.5 70.5
95 31.7 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 47.729 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion: 146 Resp: 140047
Ion Ratio Lower Upper
146 100
148 66.4 53.5 80.3
75 27.6 24.8 37.2

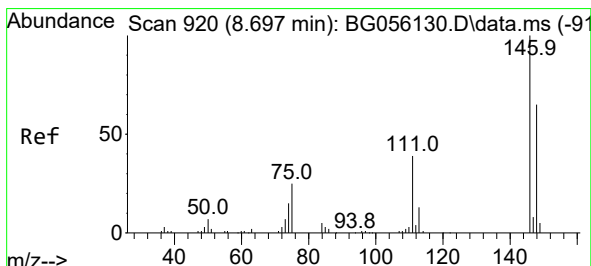
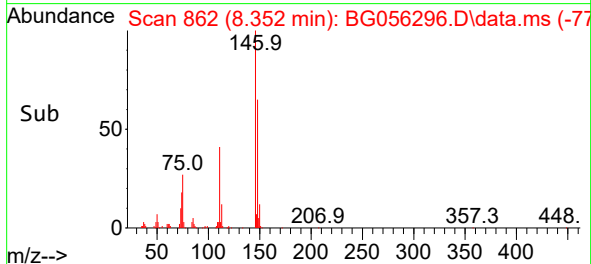
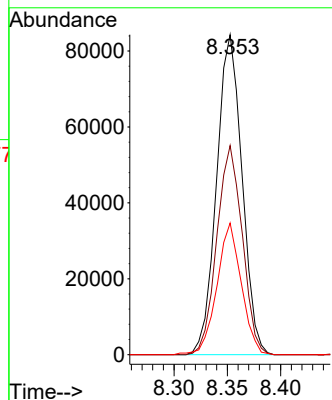
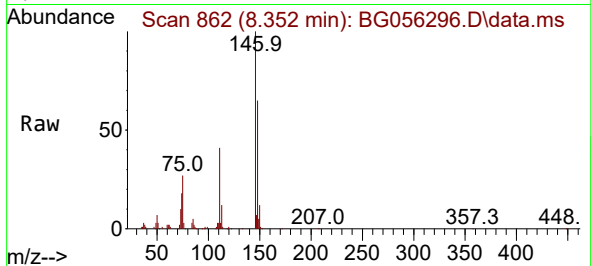




#13
1,4-Dichlorobenzene
Concen: 47.453 ng
RT: 8.352 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

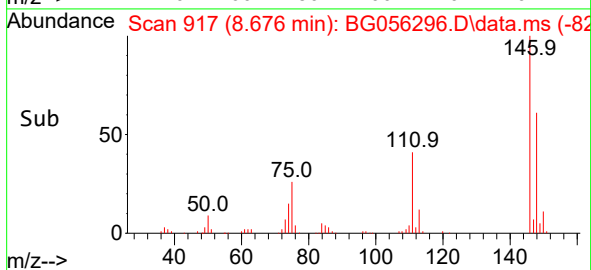
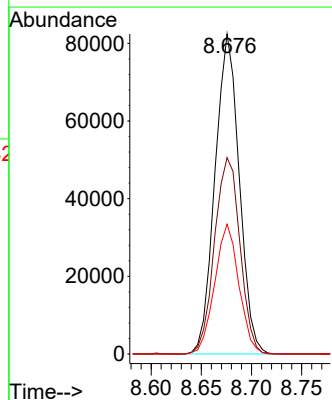
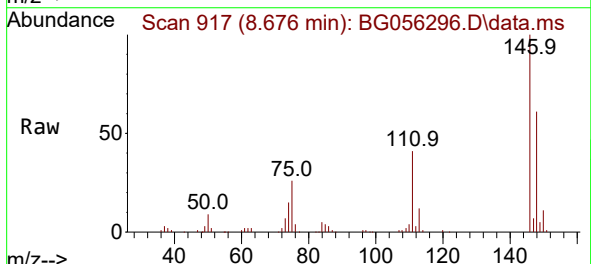
Instrument :
BNA_G
ClientSampleId :
PB150241BS

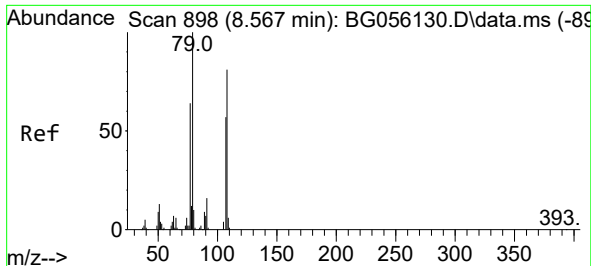
Tgt Ion:146 Resp: 139820
Ion Ratio Lower Upper
146 100
148 65.3 52.8 79.2
111 41.1 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 48.582 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:146 Resp: 138120
Ion Ratio Lower Upper
146 100
148 61.4 51.7 77.5
111 40.5 31.5 47.3

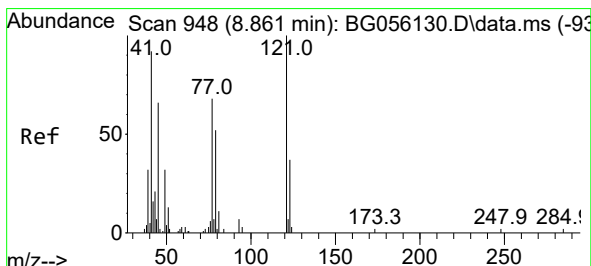
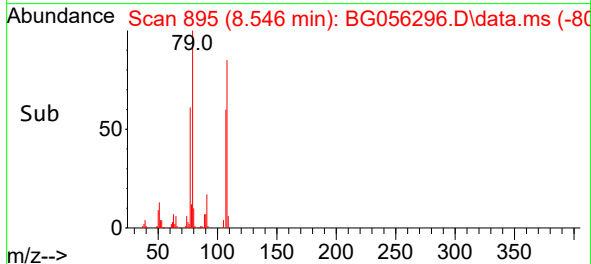
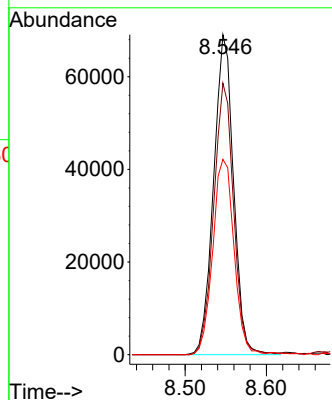
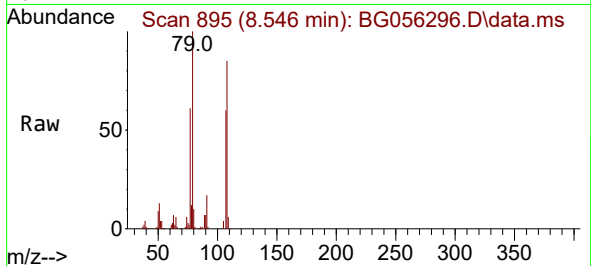




#15
Benzyl Alcohol
Concen: 43.524 ng
RT: 8.546 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

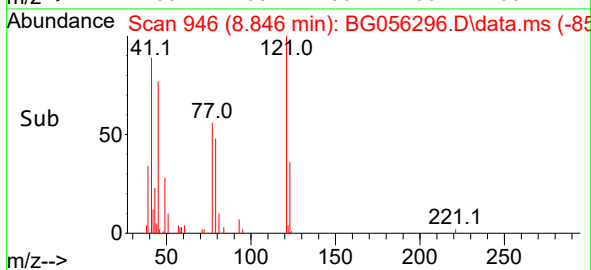
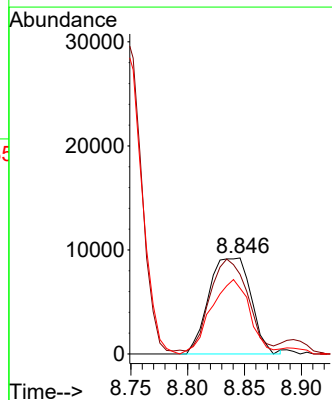
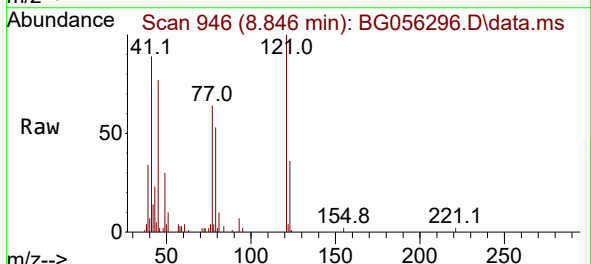
Instrument :
BNA_G
ClientSampleId :
PB150241BS

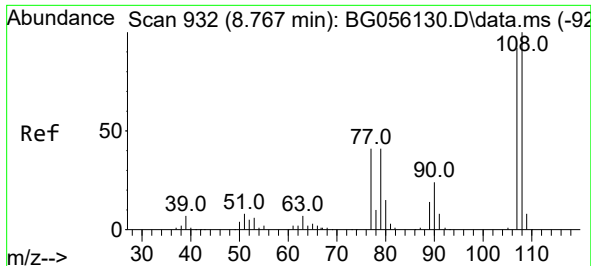
Tgt Ion: 79 Resp: 117856
Ion Ratio Lower Upper
79 100
108 84.9 64.7 97.1
77 61.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.531 ng
RT: 8.846 min Scan# 946
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion: 45 Resp: 23737
Ion Ratio Lower Upper
45 100
77 83.0 88.2 128.2#
79 68.5 61.2 101.2

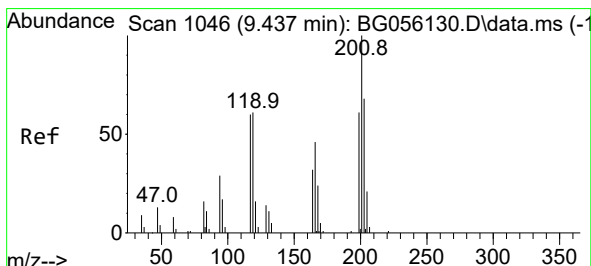
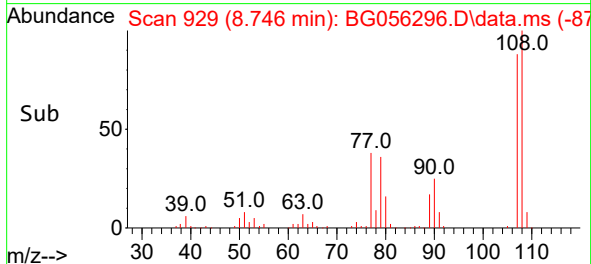
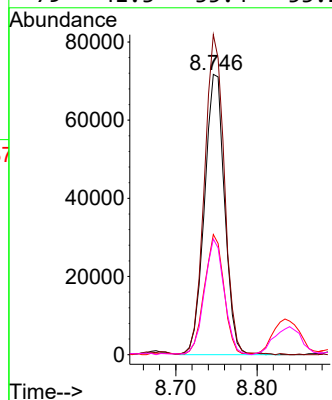
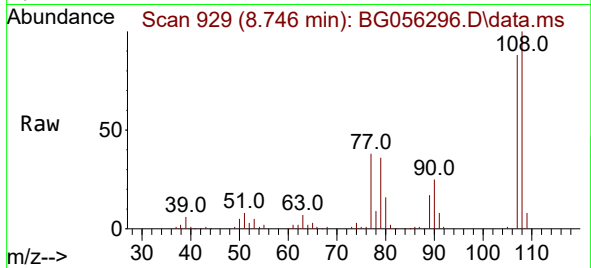




#17
2-Methylphenol
Concen: 44.571 ng
RT: 8.746 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

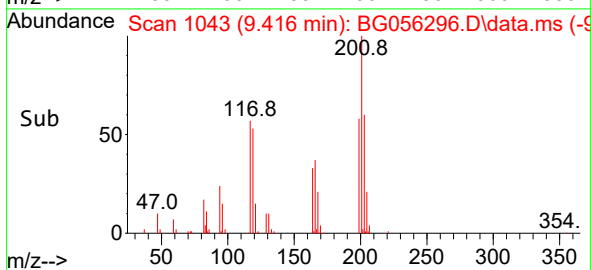
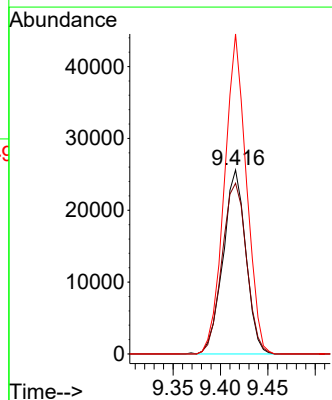
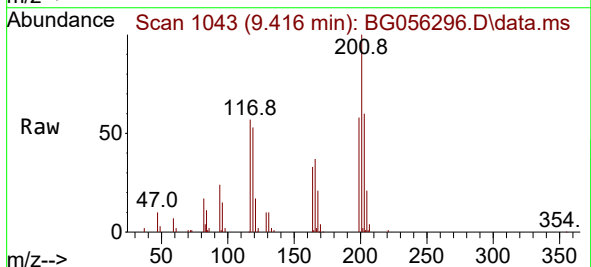
Instrument :
BNA_G
ClientSampleId :
PB150241BS

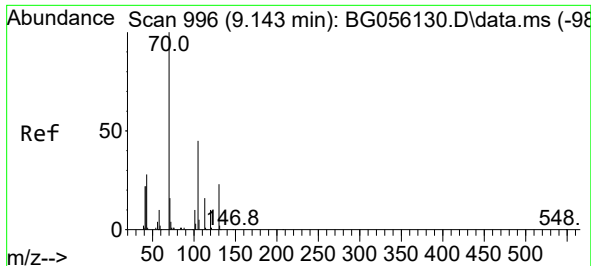
Tgt Ion:	107	Resp:	123403
Ion	Ratio	Lower	Upper
107	100		
108	114.2	86.6	129.8
77	42.9	35.4	53.2
79	41.3	35.4	53.2



#18
Hexachloroethane
Concen: 47.767 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:	117	Resp:	42756
Ion	Ratio	Lower	Upper
117	100		
119	92.8	81.8	122.6
201	178.2	134.2	201.2

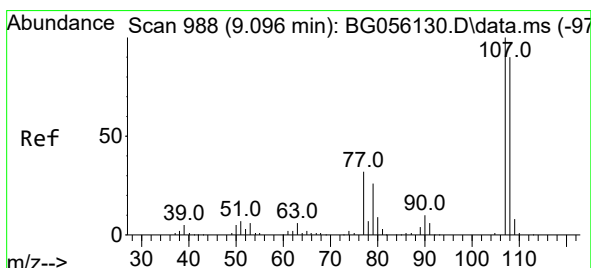
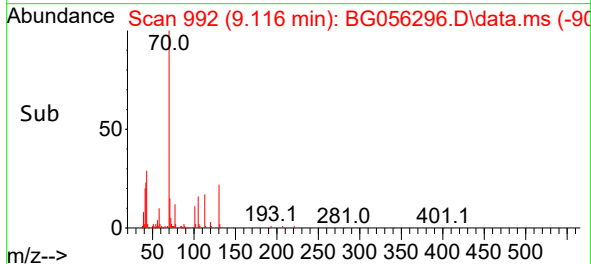
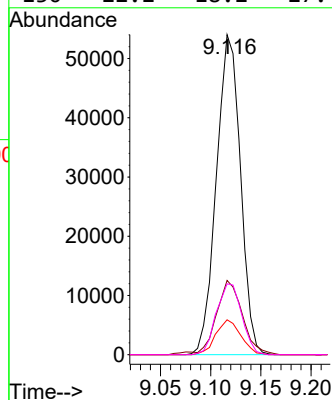
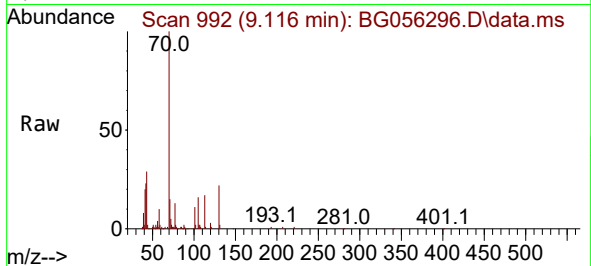




#19
n-Nitroso-di-n-propylamine
Concen: 39.838 ng
RT: 9.116 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

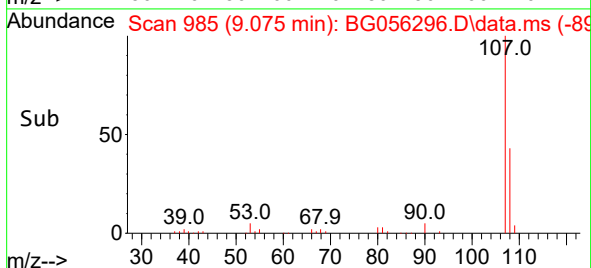
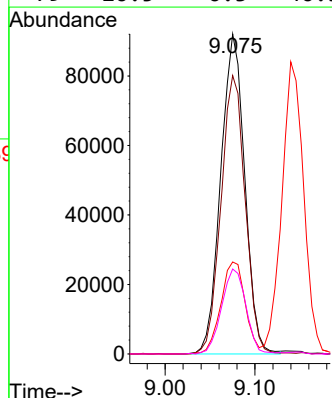
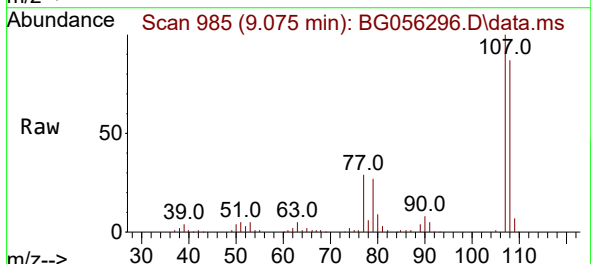
Instrument :
BNA_G
ClientSampleId :
PB150241BS

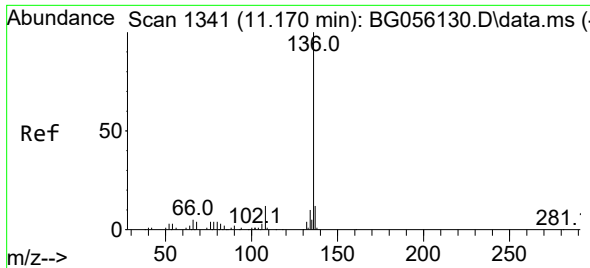
Tgt Ion:	70	Resp:	90133
Ion	Ratio	Lower	Upper
70	100		
42	23.2	18.2	27.2
101	10.9	8.3	12.5
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.880 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:	107	Resp:	170807
Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.6	109.6
77	28.7	11.7	51.7
79	26.5	6.3	46.3

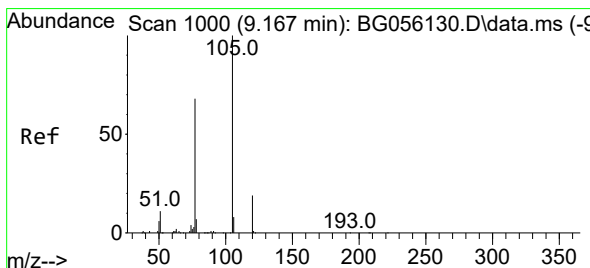
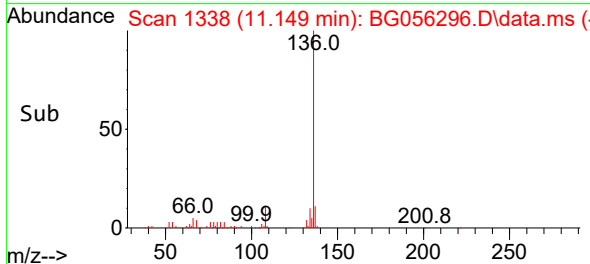
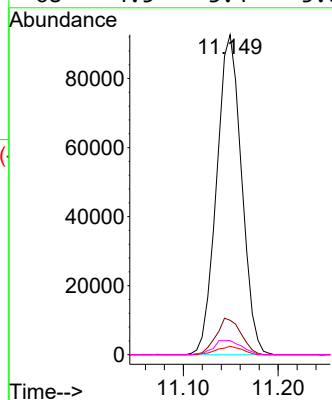
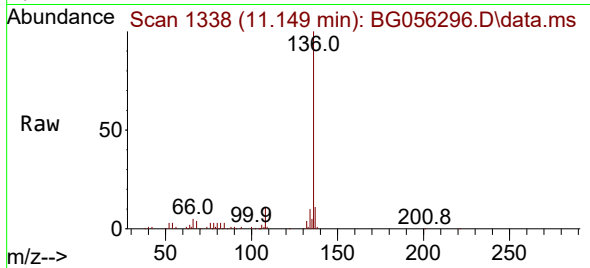




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

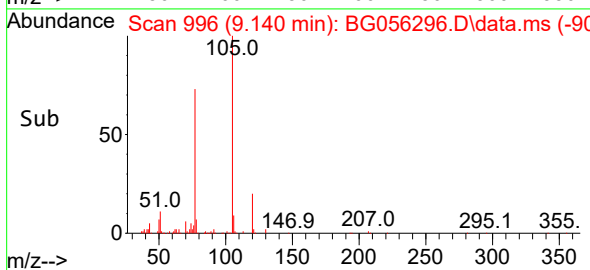
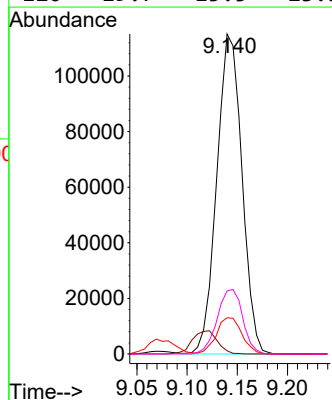
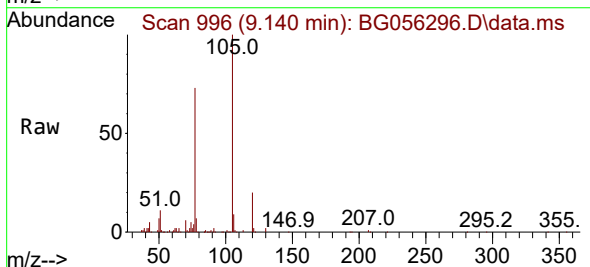
Instrument :
BNA_G
ClientSampleId :
PB150241BS

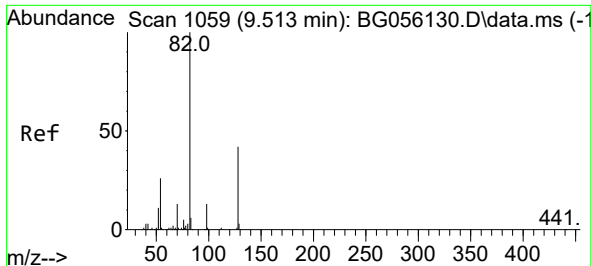
Tgt Ion:136 Resp: 169181
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.7 2.2 3.2
68 4.5 3.4 5.0



#22
Acetophenone
Concen: 41.964 ng
RT: 9.140 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:105 Resp: 200741
Ion Ratio Lower Upper
105 100
71 1.0 0.5 0.7#
51 11.3 9.3 13.9
120 19.7 15.5 23.3

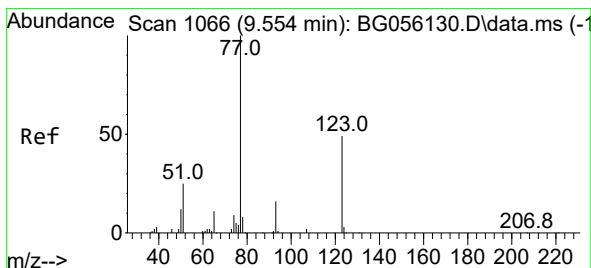
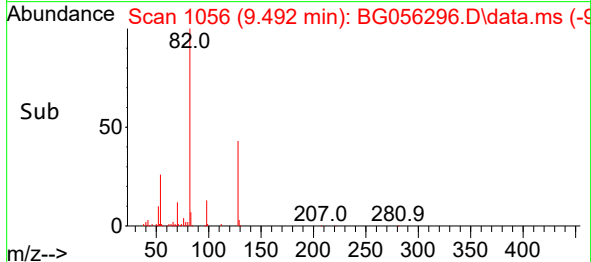
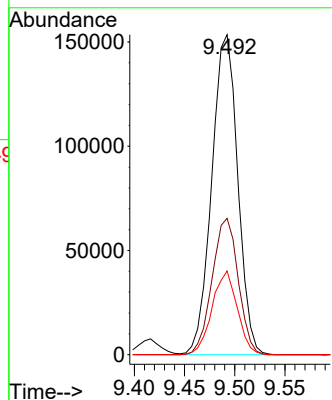
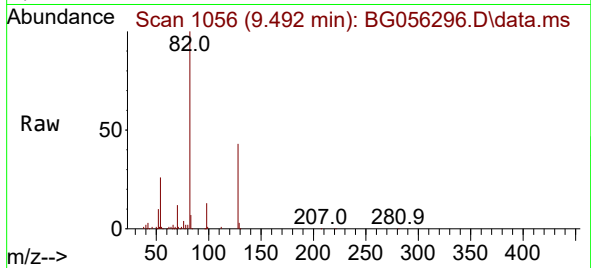




#23
Nitrobenzene-d5
Concen: 83.634 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

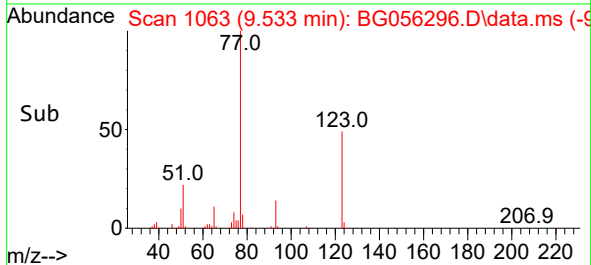
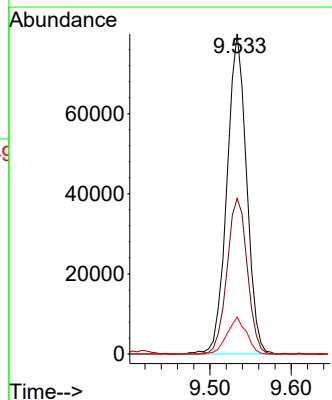
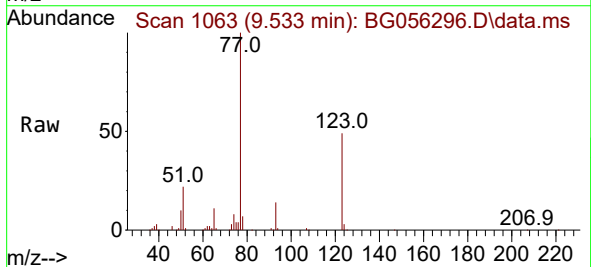
Instrument :
BNA_G
ClientSampleId :
PB150241BS

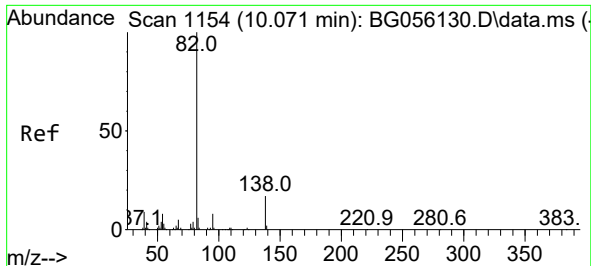
Tgt Ion: 82 Resp: 276615
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.2
54 26.2 20.3 30.5



#24
Nitrobenzene
Concen: 40.900 ng
RT: 9.533 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion: 77 Resp: 134058
Ion Ratio Lower Upper
77 100
123 48.6 38.8 58.2
65 11.5 9.1 13.7

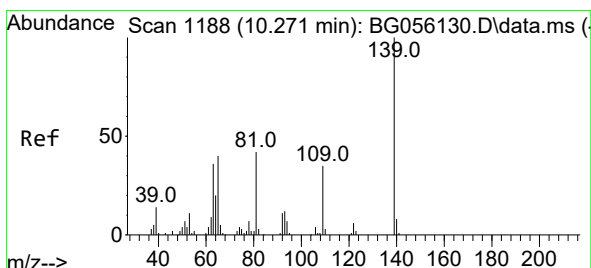
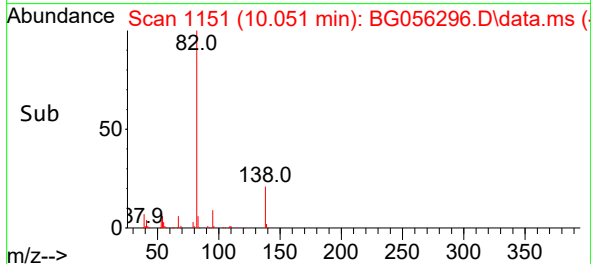
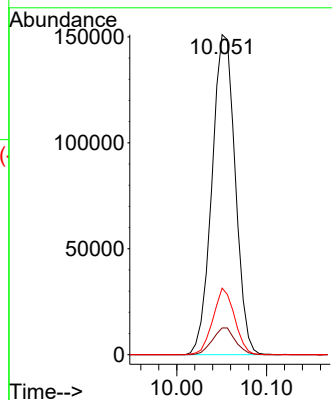
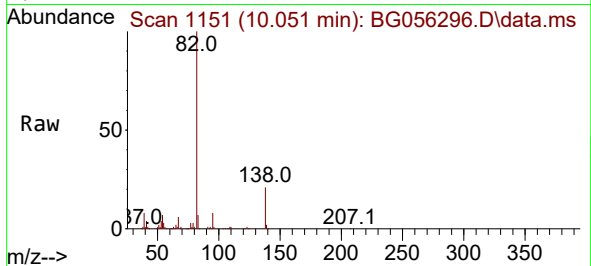




#25
Isophorone
Concen: 39.058 ng
RT: 10.051 min Scan# 1151
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

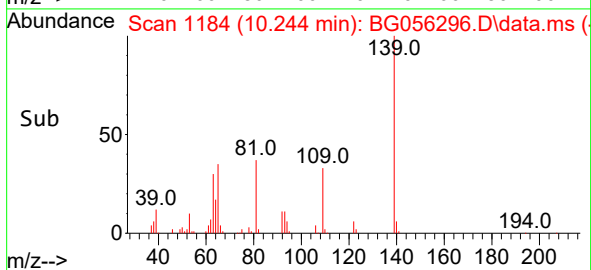
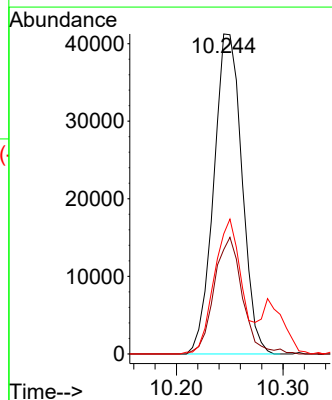
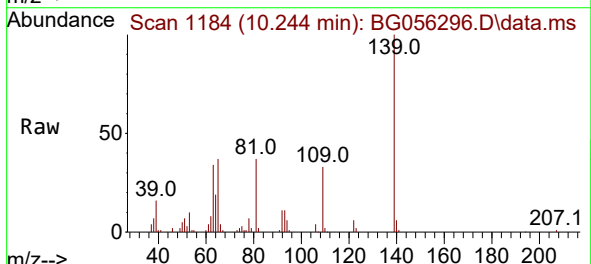
Instrument :
BNA_G
ClientSampleId :
PB150241BS

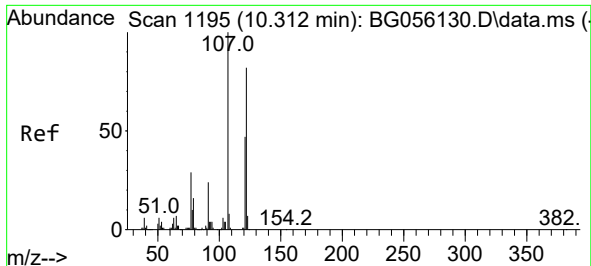
Tgt Ion: 82 Resp: 271803
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 20.8 13.7 20.5#



#26
2-Nitrophenol
Concen: 45.167 ng
RT: 10.244 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:139 Resp: 75746
Ion Ratio Lower Upper
139 100
109 32.6 28.4 42.6
65 37.5 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 45.586 ng

RT: 10.291 min Scan# 1192

Delta R.T. 0.001 min

Lab File: BG056296.D

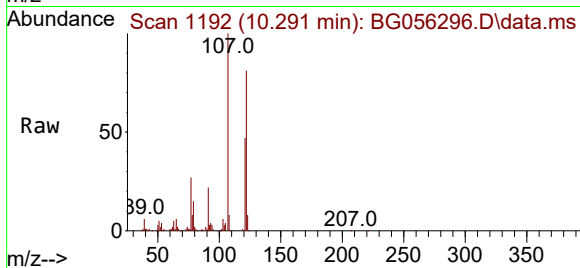
Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS



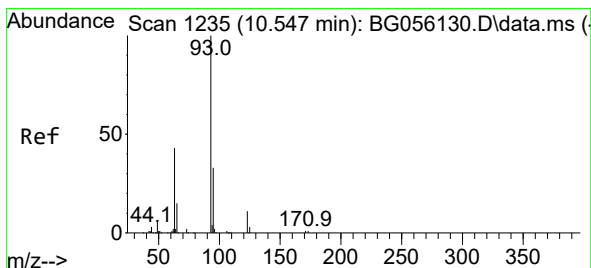
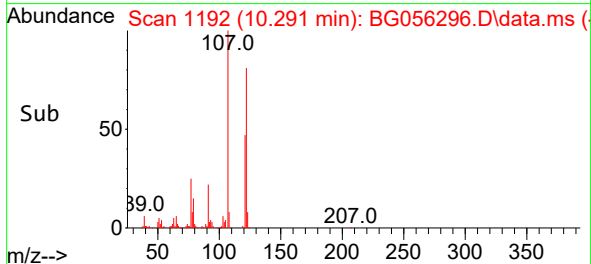
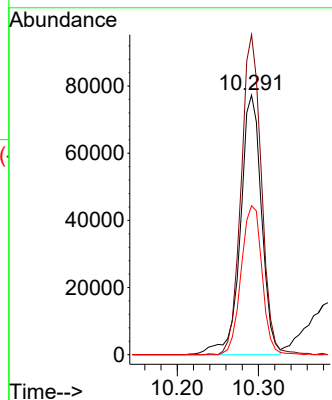
Tgt Ion:122 Resp: 139437

Ion Ratio Lower Upper

122 100

107 123.3 97.5 146.3

121 57.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.374 ng

RT: 10.532 min Scan# 1233

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

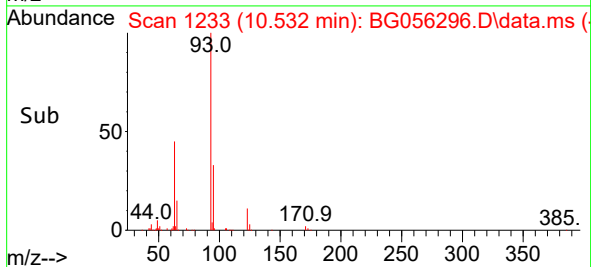
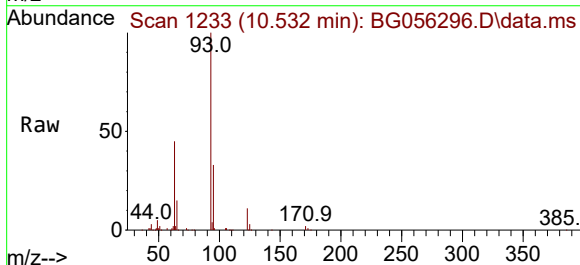
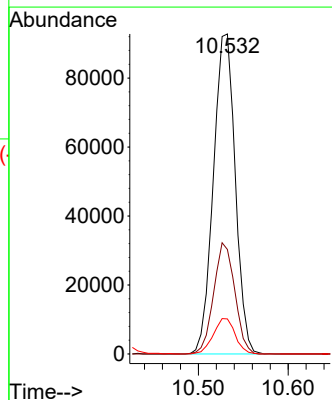
Tgt Ion: 93 Resp: 156878

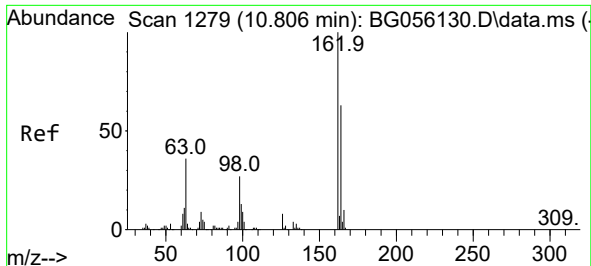
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.0 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 47.032 ng

RT: 10.785 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

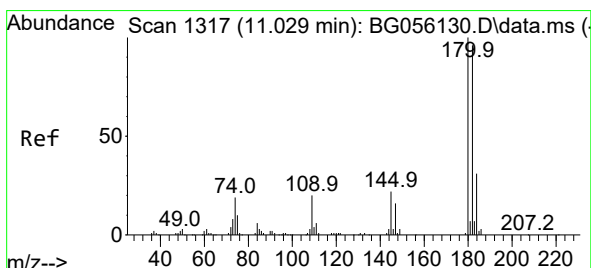
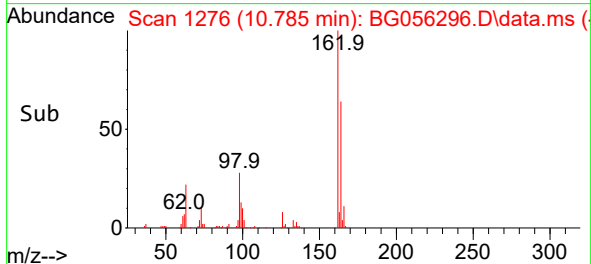
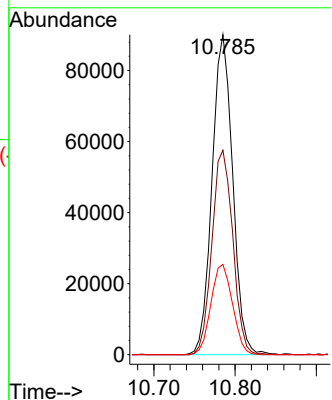
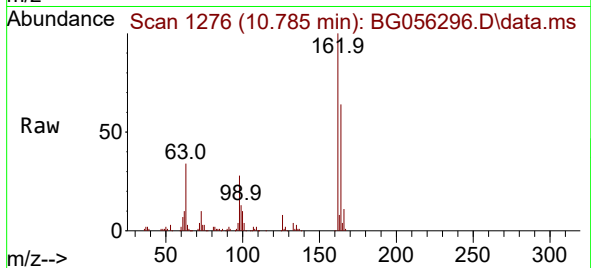
Tgt Ion:162 Resp: 159045

Ion Ratio Lower Upper

162 100

164 63.9 43.3 83.3

98 28.2 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 44.757 ng

RT: 11.008 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

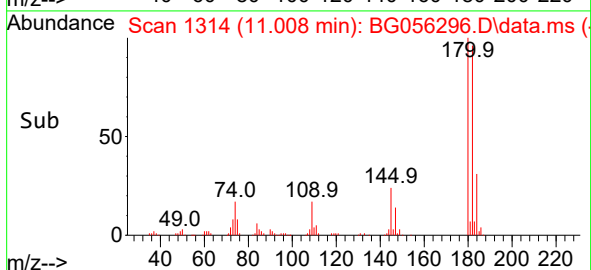
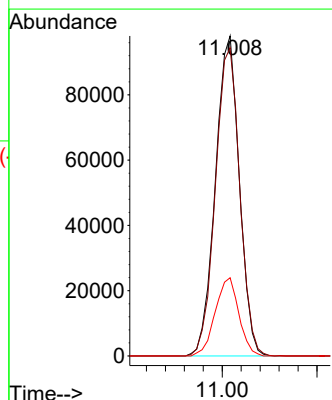
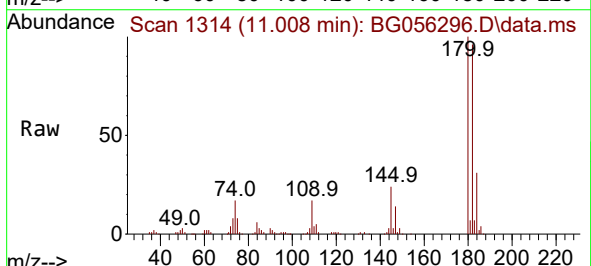
Tgt Ion:180 Resp: 171757

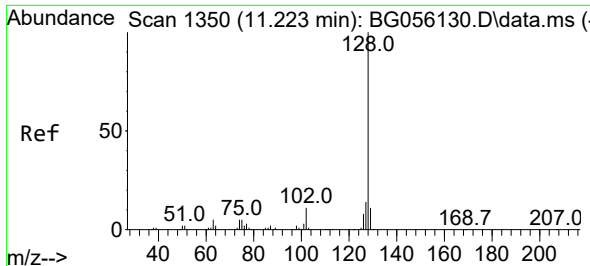
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 24.5 17.4 26.2

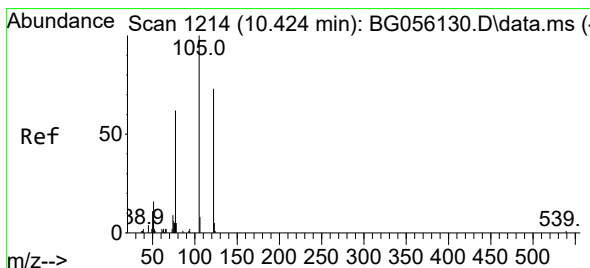
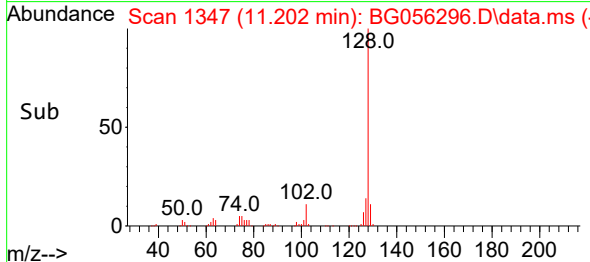
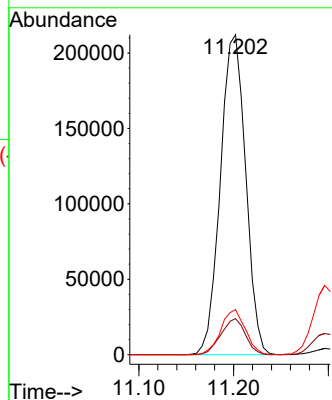
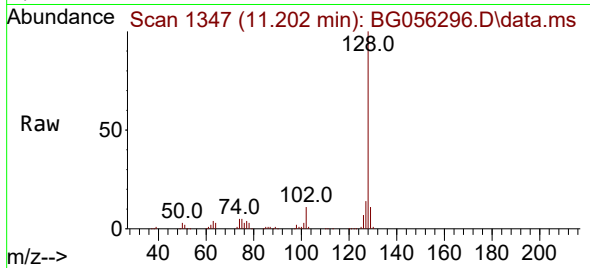




#31
Naphthalene
Concen: 44.119 ng
RT: 11.202 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

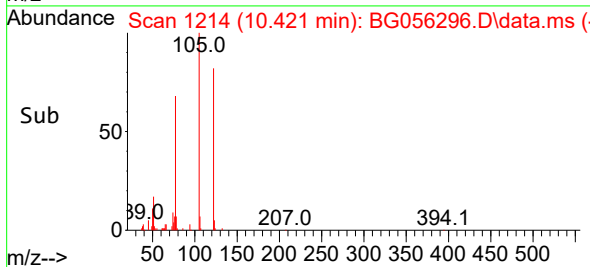
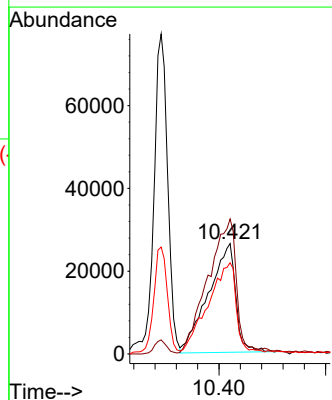
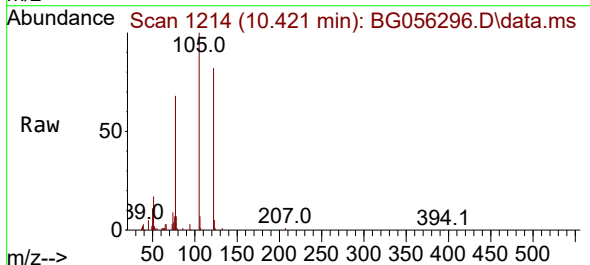
Instrument :
BNA_G
ClientSampleId :
PB150241BS

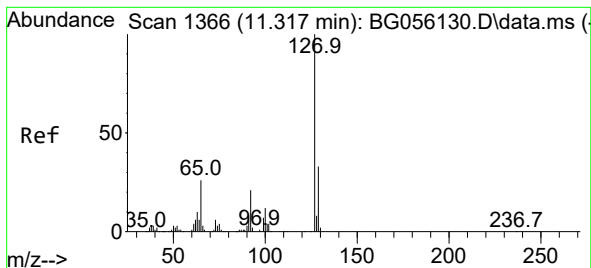
Tgt Ion:128 Resp: 392821
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 14.1 11.2 16.8



#32
Benzoic acid
Concen: 41.042 ng
RT: 10.421 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:122 Resp: 93146
Ion Ratio Lower Upper
122 100
105 122.3 109.0 149.0
77 82.7 63.1 103.1





#33

4-Chloroaniline

Concen: 19.463 ng

RT: 11.296 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

Tgt Ion:127 Resp: 82737

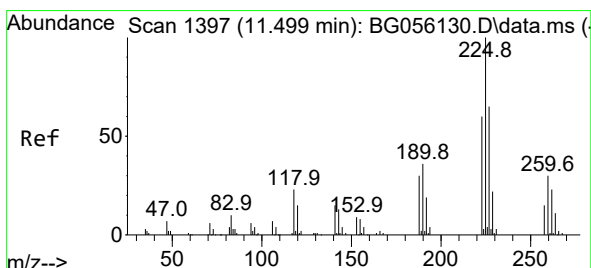
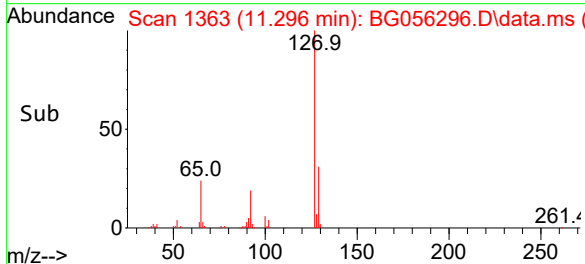
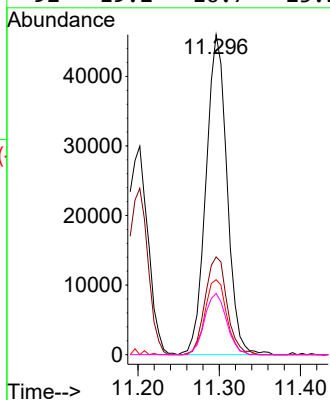
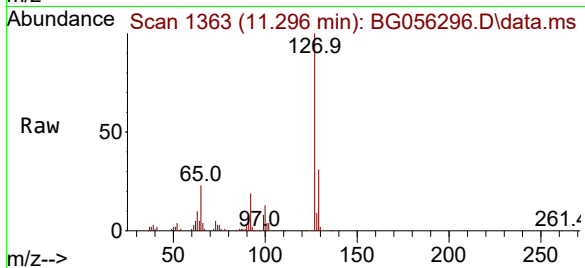
Ion Ratio Lower Upper

127 100

129 30.5 26.1 39.1

65 23.4 20.9 31.3

92 19.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 44.122 ng

RT: 11.478 min Scan# 1394

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

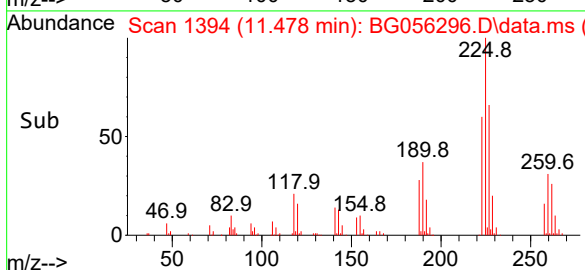
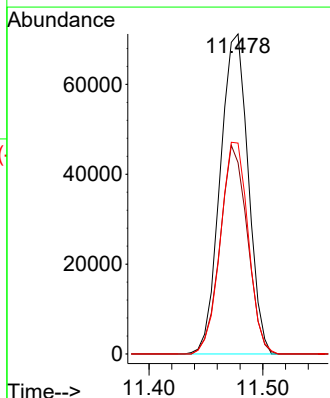
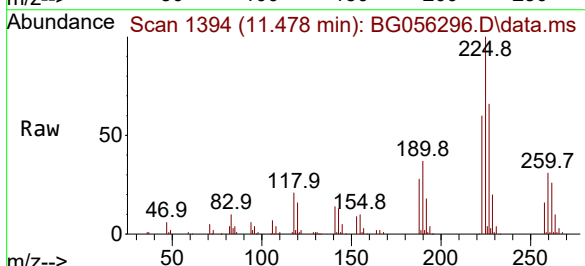
Tgt Ion:225 Resp: 121777

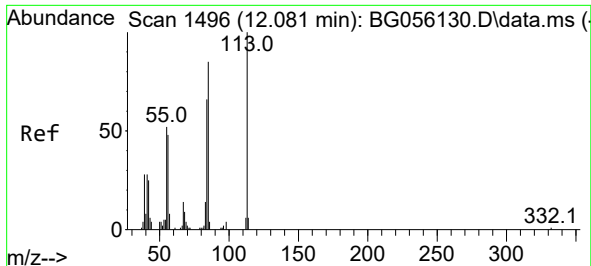
Ion Ratio Lower Upper

225 100

223 59.8 47.7 71.5

227 68.4 52.3 78.5

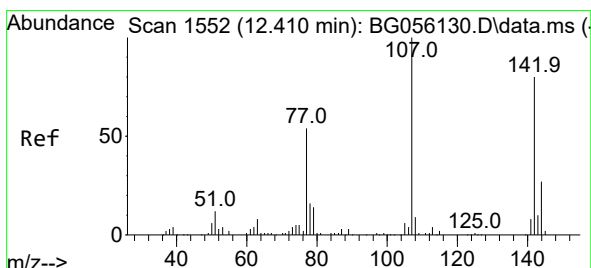
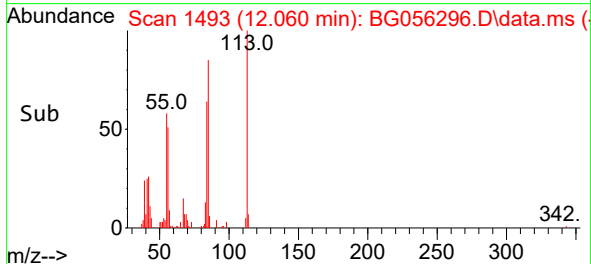
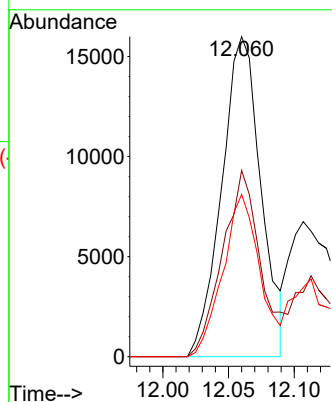
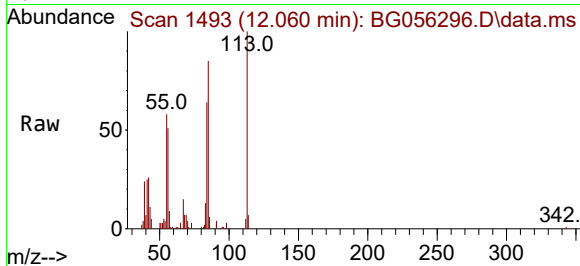




#35
 Caprolactam
 Concen: 29.090 ng
 RT: 12.060 min Scan# 1496
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

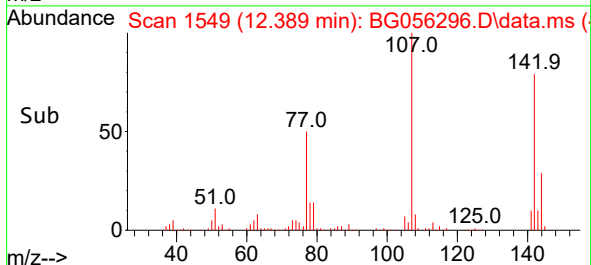
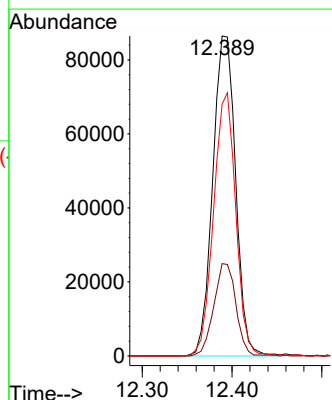
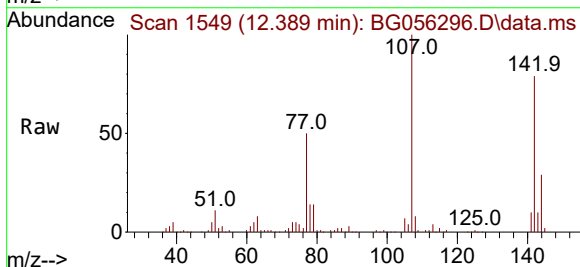
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

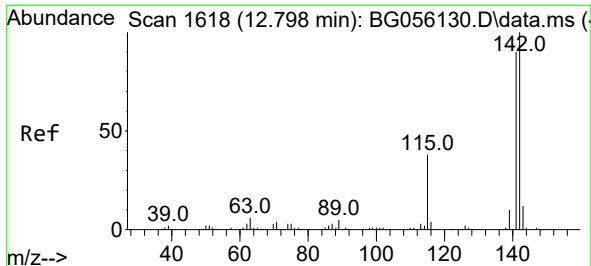
Tgt Ion:113 Resp: 33306
 Ion Ratio Lower Upper
 113 100
 55 58.2 31.9 71.9
 56 50.7 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.578 ng
 RT: 12.389 min Scan# 1549
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion:107 Resp: 152965
 Ion Ratio Lower Upper
 107 100
 144 28.8 21.5 32.3
 142 78.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.791 ng

RT: 12.783 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

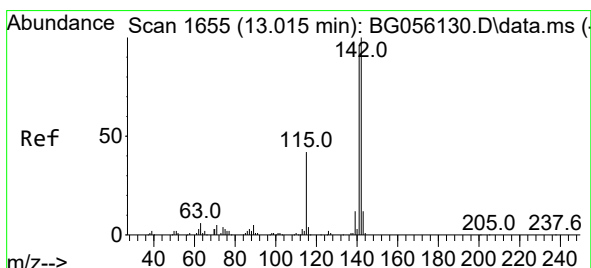
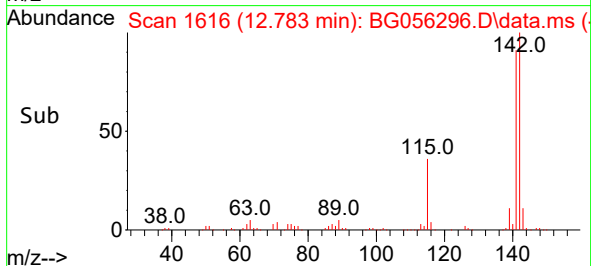
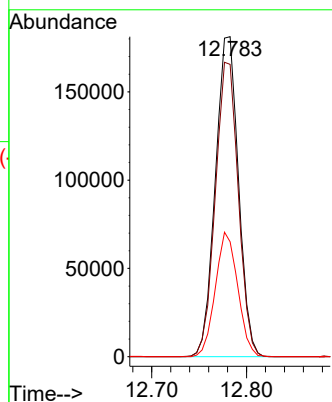
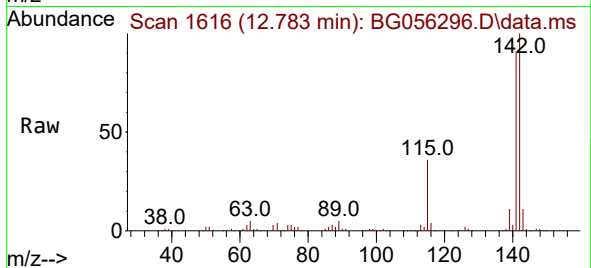
Tgt Ion:142 Resp: 306668

Ion Ratio Lower Upper

142 100

141 91.3 72.2 108.4

115 35.9 30.7 46.1



#38

1-Methylnaphthalene

Concen: 41.770 ng

RT: 12.994 min Scan# 1652

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

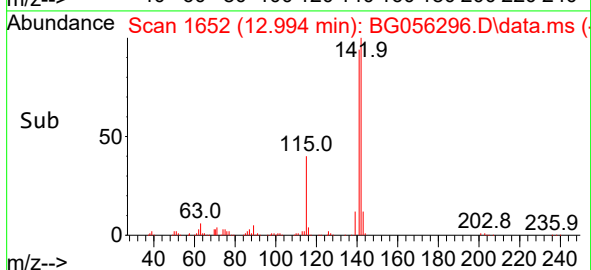
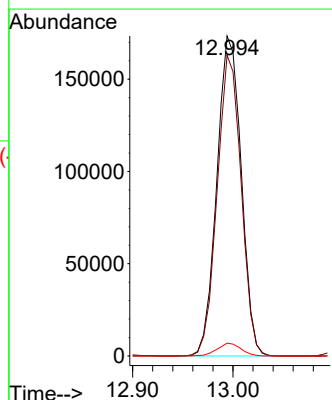
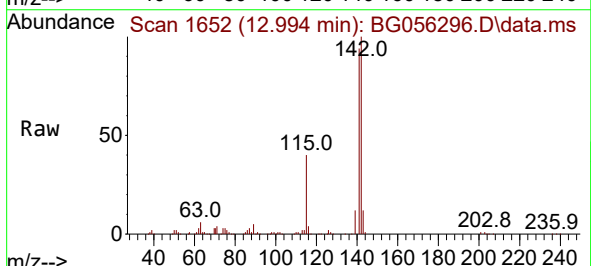
Tgt Ion:142 Resp: 291610

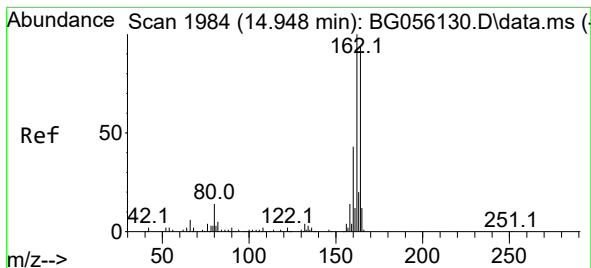
Ion Ratio Lower Upper

142 100

141 93.9 77.0 115.6

116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1984

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

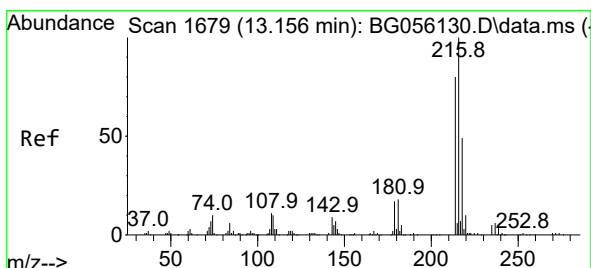
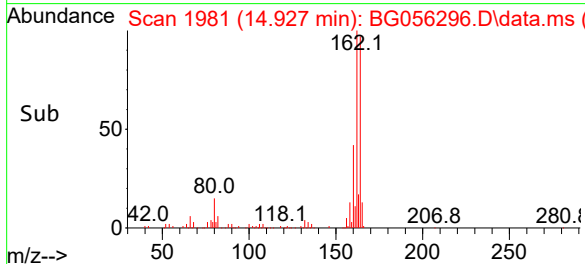
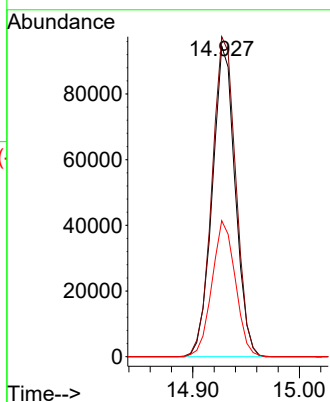
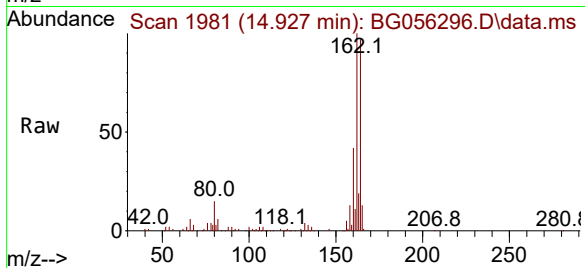
Tgt Ion:164 Resp: 141161

Ion Ratio Lower Upper

164 100

162 103.0 84.7 127.1

160 43.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.053 ng

RT: 13.141 min Scan# 1677

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Tgt Ion:216 Resp: 233071

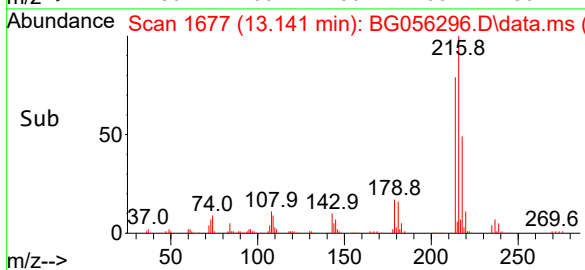
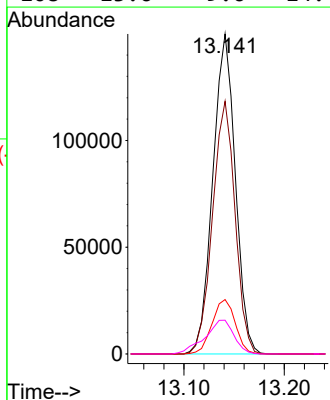
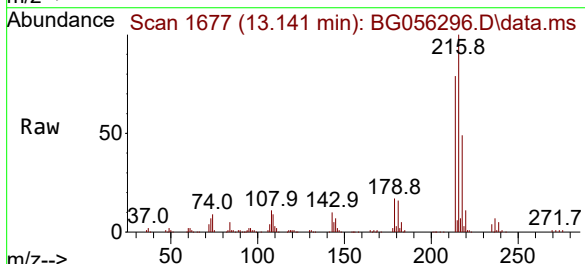
Ion Ratio Lower Upper

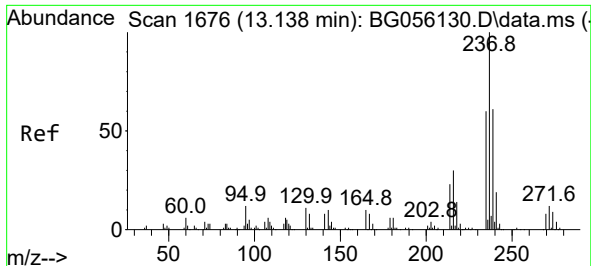
216 100

214 79.0 63.4 95.0

179 17.5 13.6 20.4

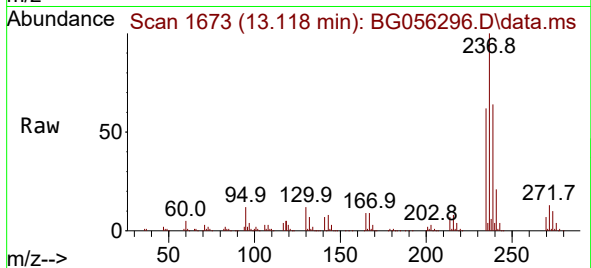
108 13.6 9.6 14.4



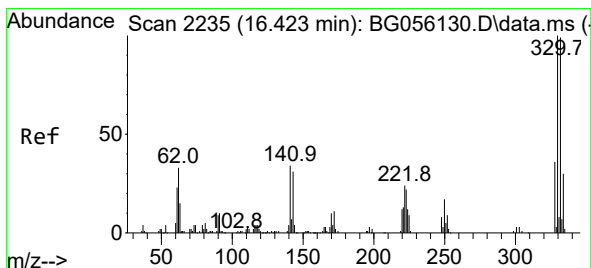
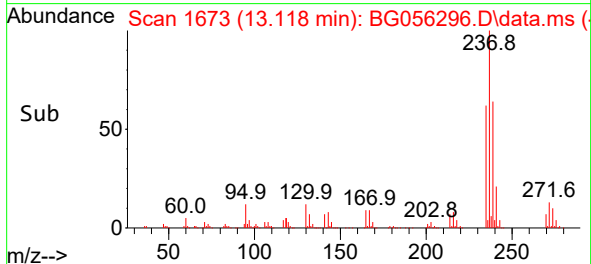
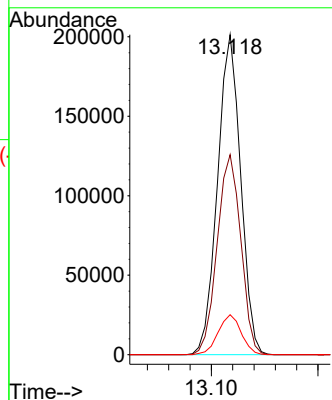


#41
Hexachlorocyclopentadiene
Concen: 100.587 ng
RT: 13.118 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Instrument :
BNA_G
ClientSampleId :
PB150241BS

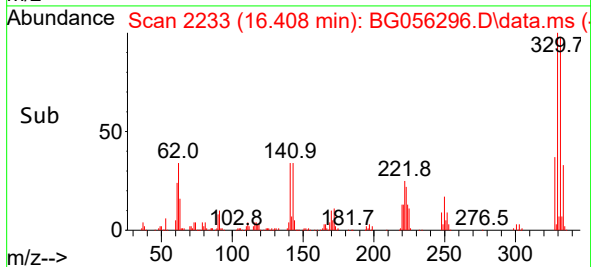
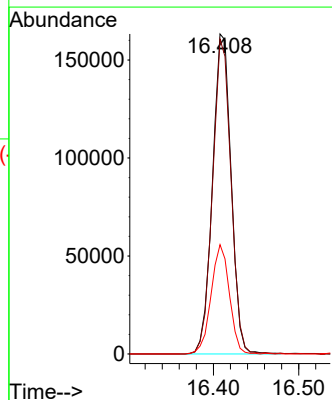
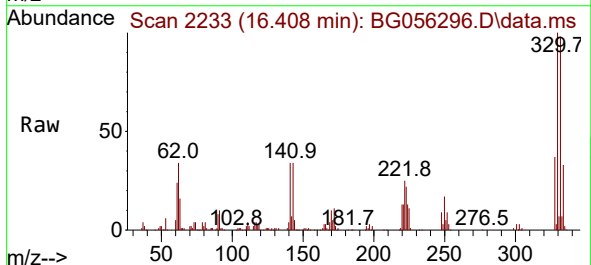


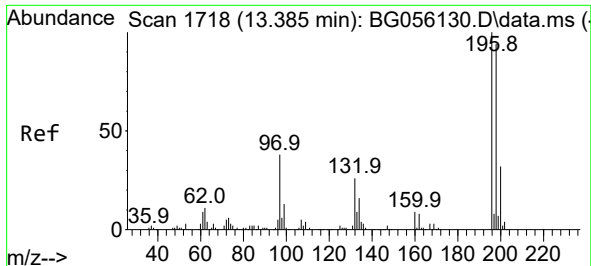
Tgt Ion:237 Resp: 303405
Ion Ratio Lower Upper
237 100
235 62.5 40.3 80.3
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 138.896 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:330 Resp: 248315
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.4 27.9 41.9

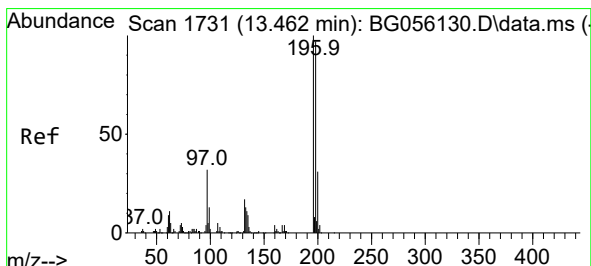
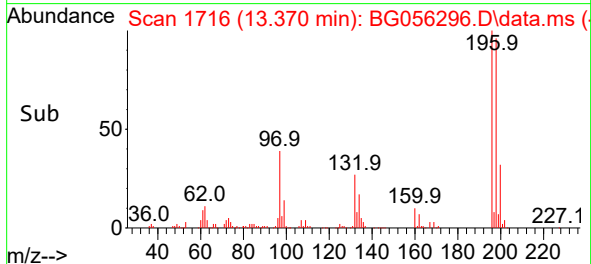
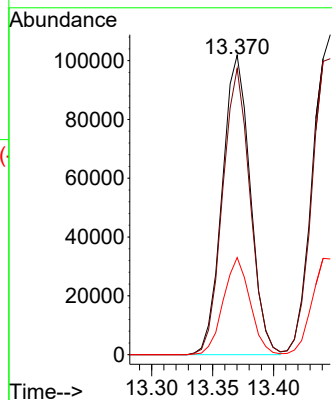
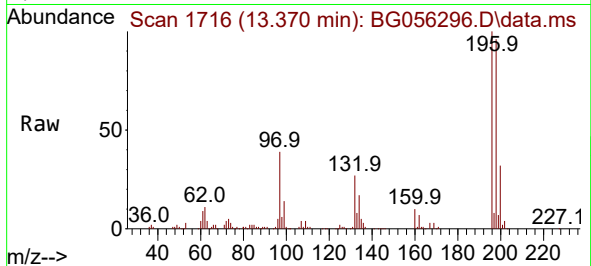




#43
2,4,6-Trichlorophenol
Concen: 46.539 ng
RT: 13.370 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

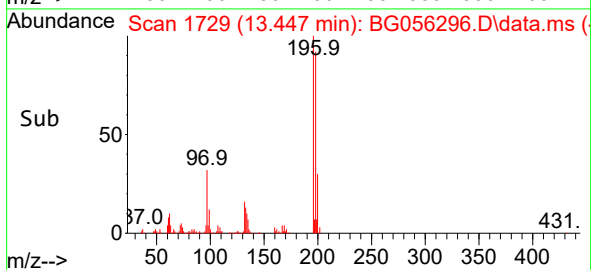
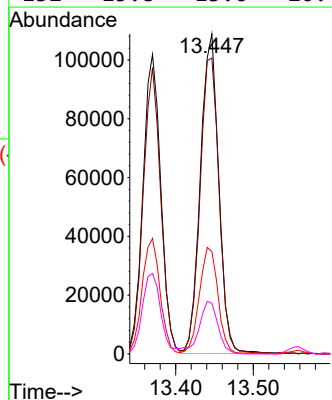
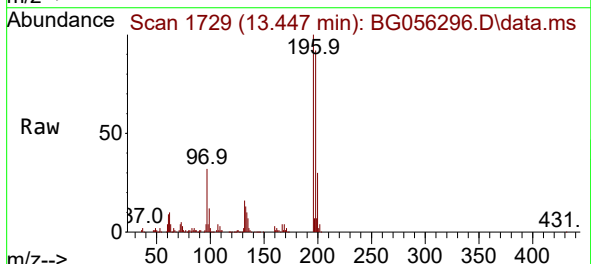
Instrument :
BNA_G
ClientSampleId :
PB150241BS

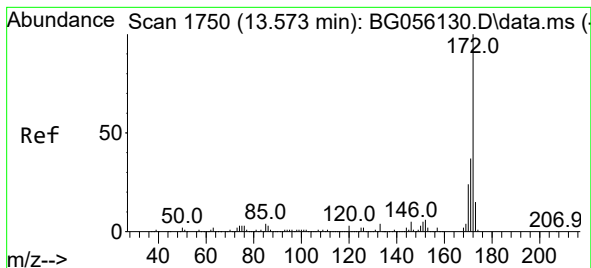
Tgt Ion:196 Resp: 162812
Ion Ratio Lower Upper
196 100
198 95.5 75.5 113.3
200 32.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 43.197 ng
RT: 13.447 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:196 Resp: 178766
Ion Ratio Lower Upper
196 100
198 92.5 78.0 117.0
97 32.0 25.7 38.5
132 15.8 13.6 20.4





#45

2-Fluorobiphenyl

Concen: 87.374 ng

RT: 13.558 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

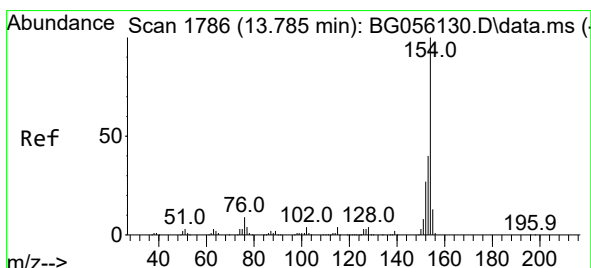
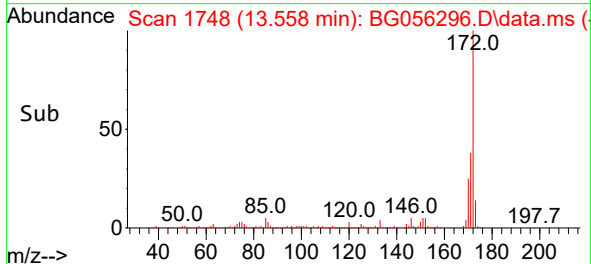
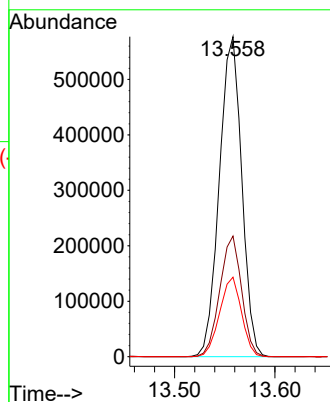
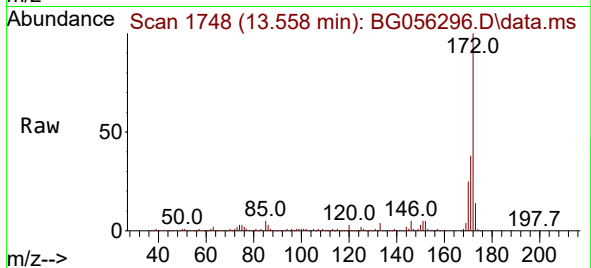
Tgt Ion:172 Resp: 893174

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

170 24.8 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.187 ng

RT: 13.770 min Scan# 1784

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

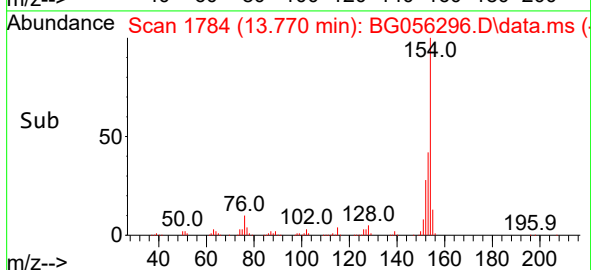
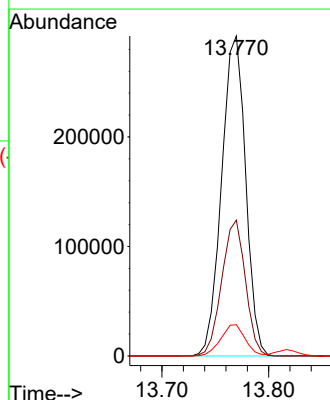
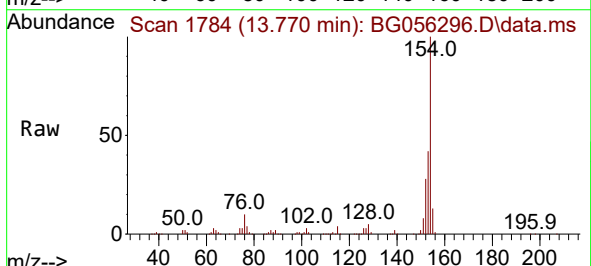
Tgt Ion:154 Resp: 456814

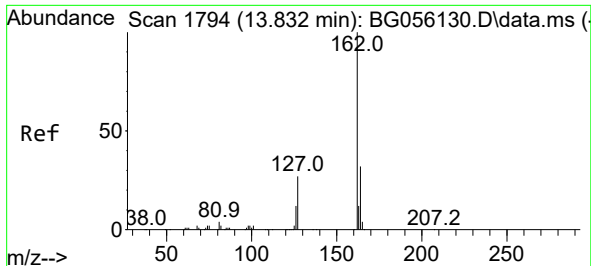
Ion Ratio Lower Upper

154 100

153 42.5 20.0 60.0

76 9.8 0.0 29.3





#47

2-Chloronaphthalene

Concen: 45.648 ng

RT: 13.817 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

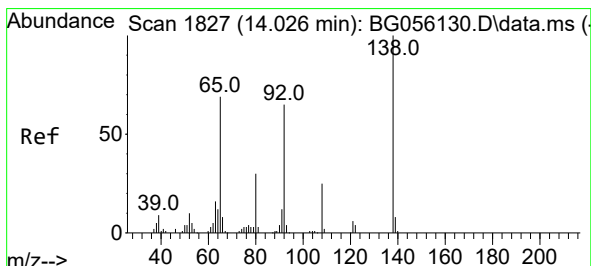
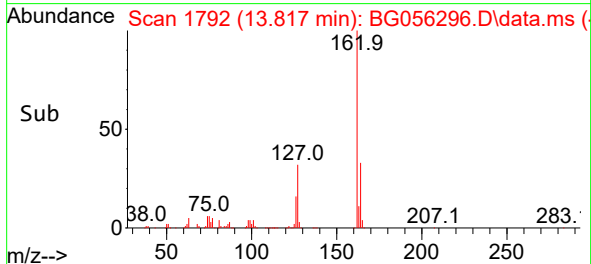
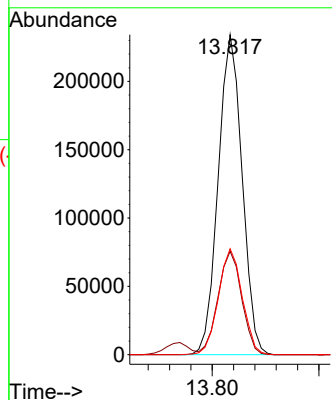
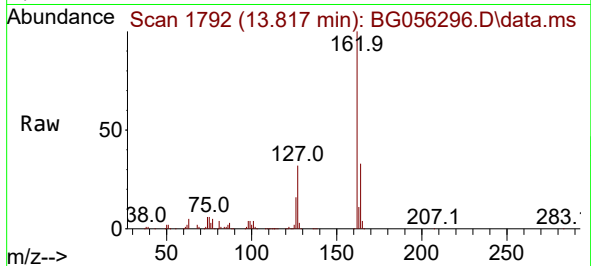
Tgt Ion:162 Resp: 364254

Ion Ratio Lower Upper

162 100

127 32.3 24.6 36.8

164 33.1 25.8 38.8



#48

2-Nitroaniline

Concen: 45.274 ng

RT: 14.011 min Scan# 1825

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

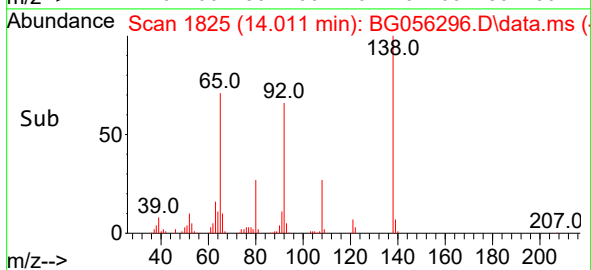
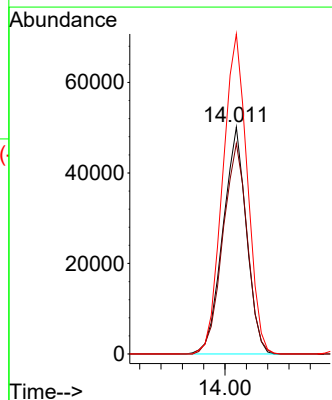
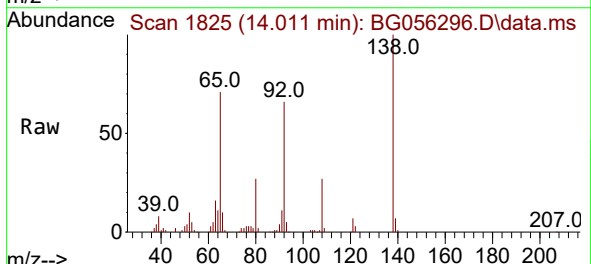
Tgt Ion: 65 Resp: 76973

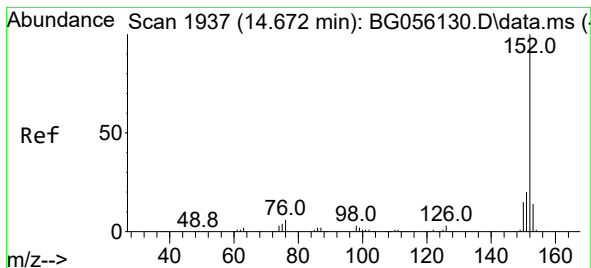
Ion Ratio Lower Upper

65 100

92 92.8 76.0 114.0

138 141.1 116.6 174.8





#49

Acenaphthylene

Concen: 43.989 ng

RT: 14.657 min Scan# 1935

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

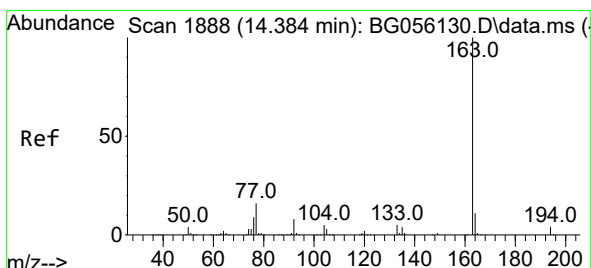
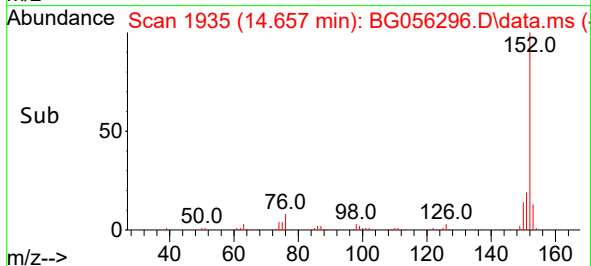
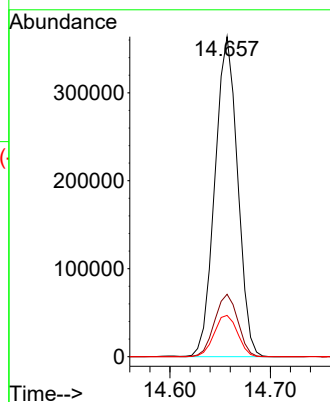
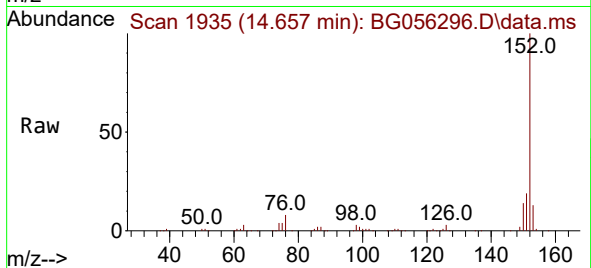
Tgt Ion:152 Resp: 571215

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 12.9 11.0 16.6



#50

Dimethylphthalate

Concen: 44.205 ng

RT: 14.369 min Scan# 1886

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

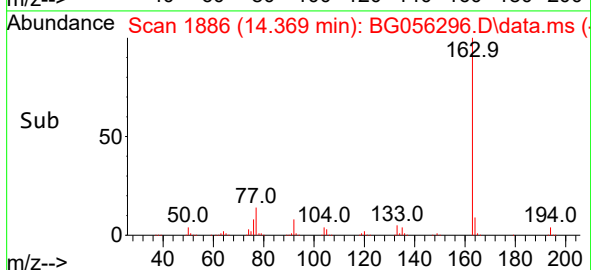
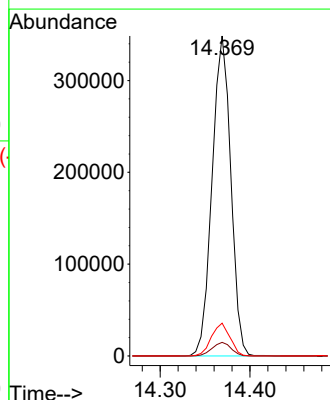
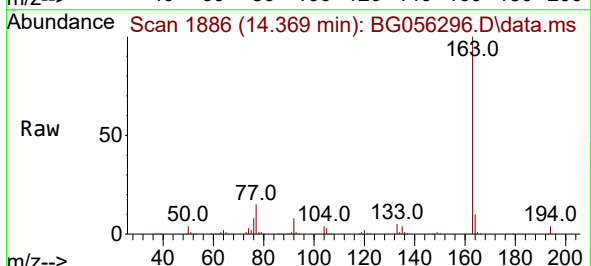
Tgt Ion:163 Resp: 503732

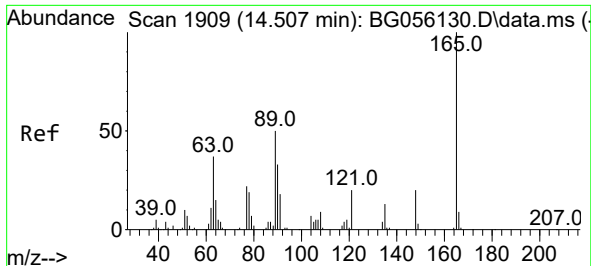
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.7 13.1

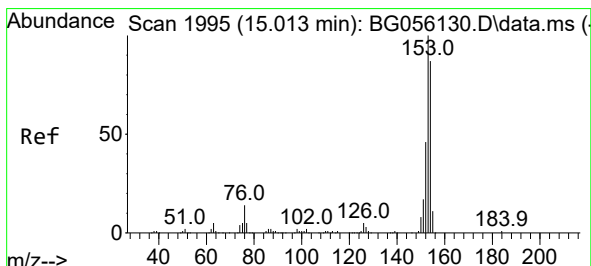
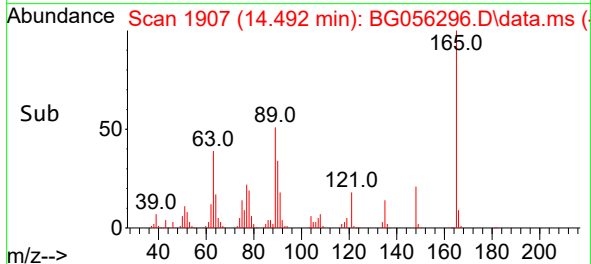
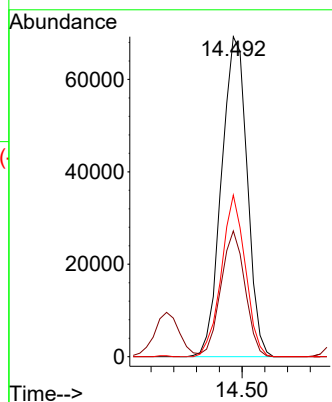
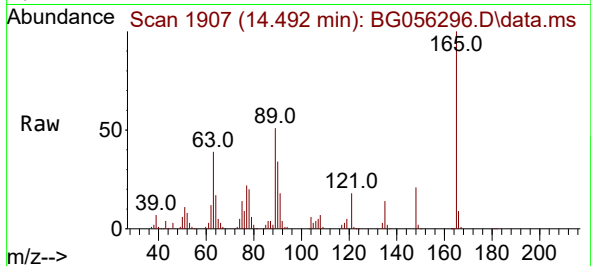




#51
2,6-Dinitrotoluene
Concen: 44.632 ng
RT: 14.492 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

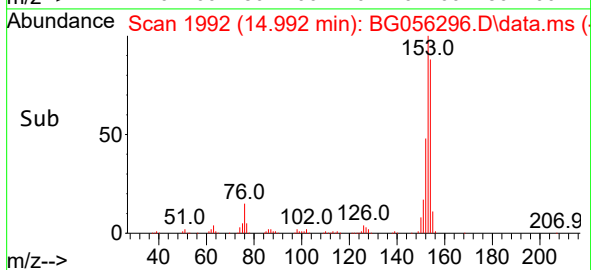
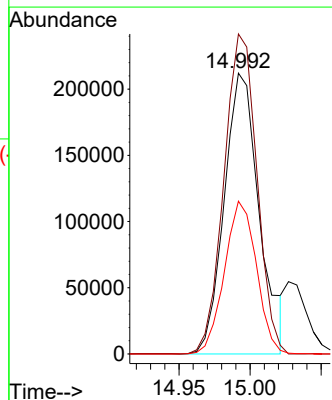
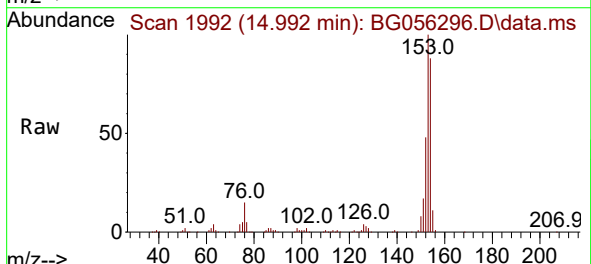
Instrument :
BNA_G
ClientSampleId :
PB150241BS

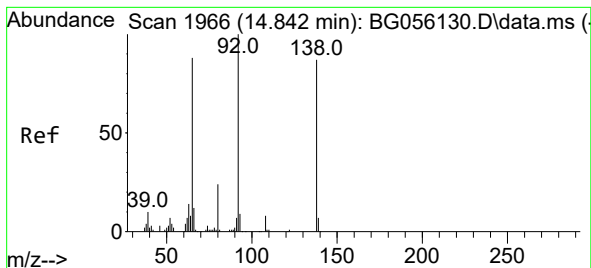
Tgt Ion:165 Resp: 108372
Ion Ratio Lower Upper
165 100
63 39.3 32.2 48.2
89 50.5 39.8 59.8



#52
Acenaphthene
Concen: 43.066 ng
RT: 14.992 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:154 Resp: 363712
Ion Ratio Lower Upper
154 100
153 113.9 92.0 138.0
152 54.4 42.5 63.7

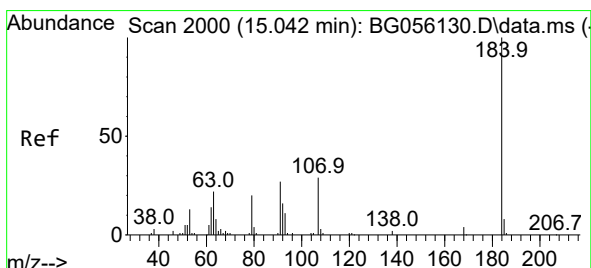
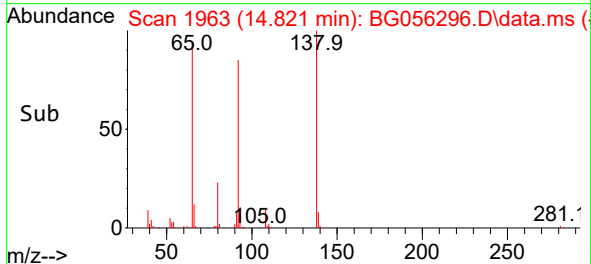
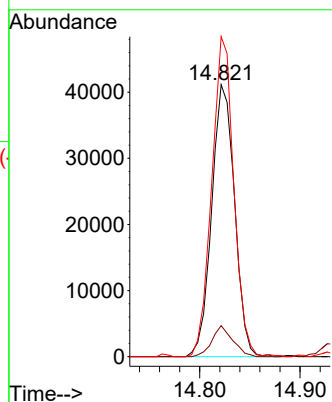
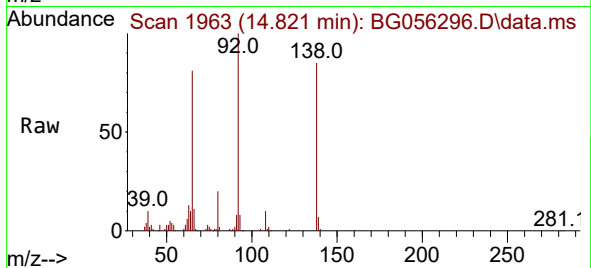




#53
3-Nitroaniline
Concen: 28.209 ng
RT: 14.821 min Scan# 1963
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

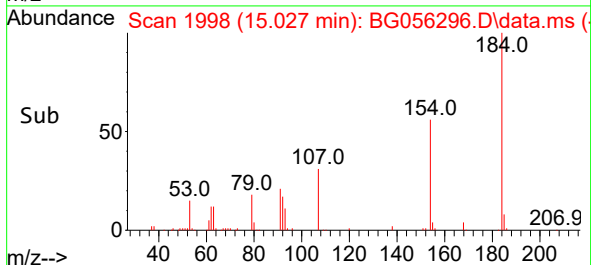
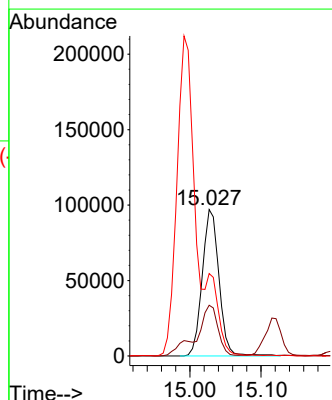
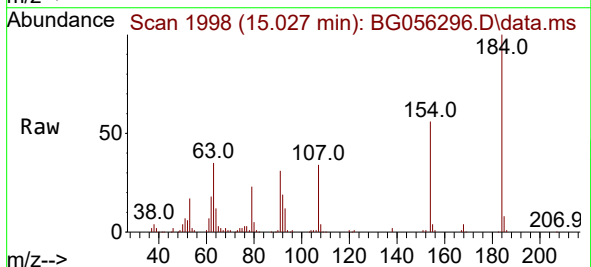
Instrument :
BNA_G
ClientSampleId :
PB150241BS

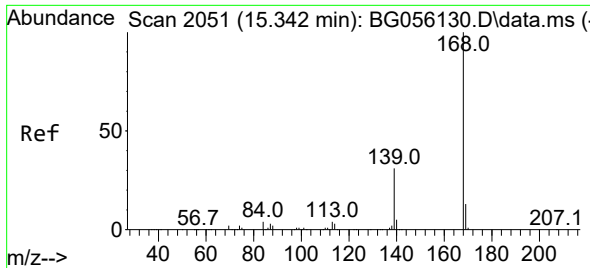
Tgt Ion:138 Resp: 65188
Ion Ratio Lower Upper
138 100
108 11.4 7.6 11.4
92 117.6 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 91.961 ng
RT: 15.027 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:184 Resp: 159519
Ion Ratio Lower Upper
184 100
63 34.7 24.0 36.0
154 56.3 45.4 68.0

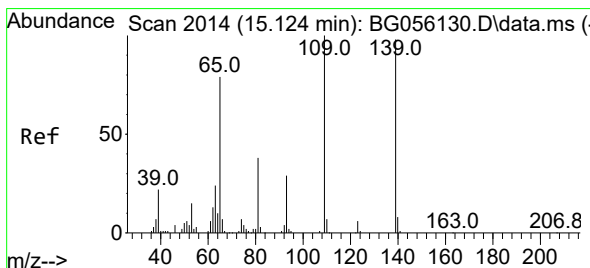
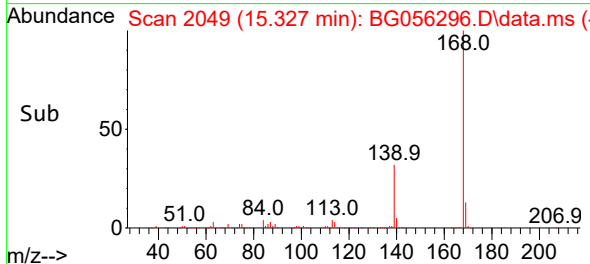
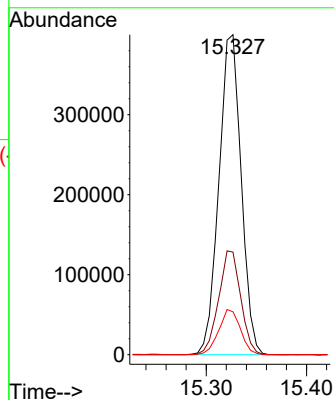
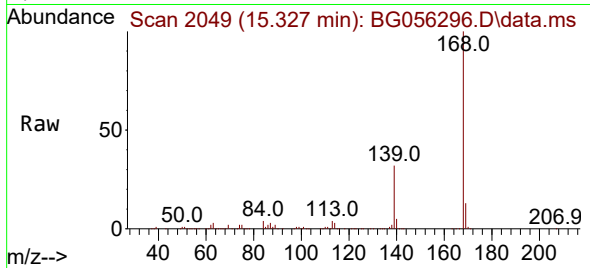




#55
Dibenzenofuran
Concen: 44.045 ng
RT: 15.327 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

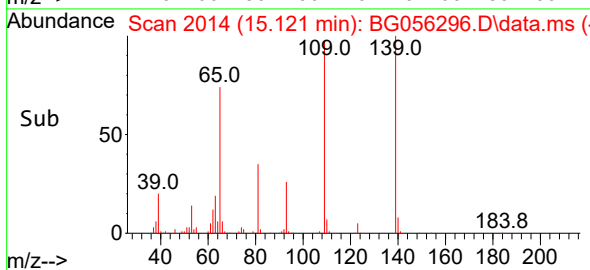
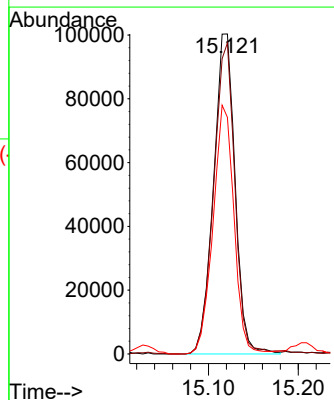
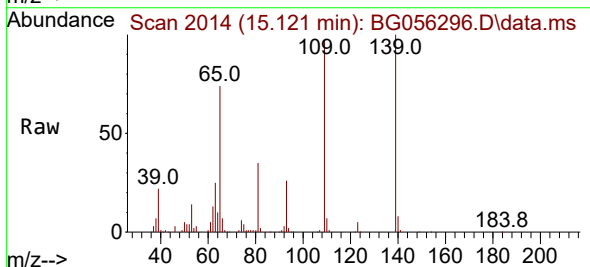
Instrument :
BNA_G
ClientSampleId :
PB150241BS

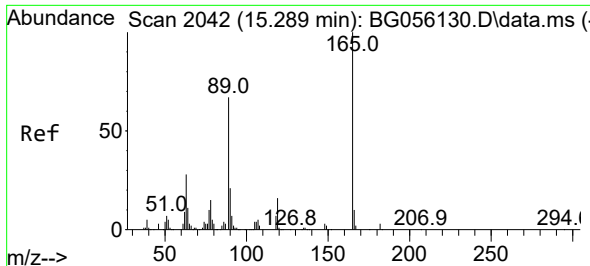
Tgt Ion:168 Resp: 615572
Ion Ratio Lower Upper
168 100
139 32.1 24.7 37.1
169 13.4 10.3 15.5



#56
4-Nitrophenol
Concen: 94.351 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:139 Resp: 167688
Ion Ratio Lower Upper
139 100
109 97.2 82.2 122.2
65 73.9 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 46.667 ng

RT: 15.280 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BG056296.D

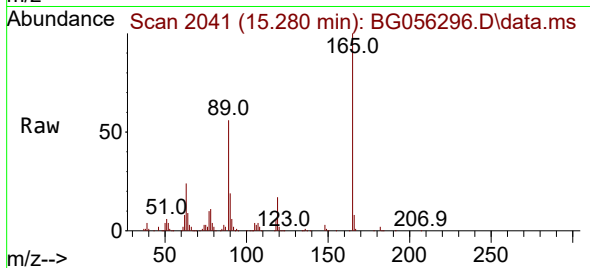
Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS



Tgt Ion:165 Resp: 158472

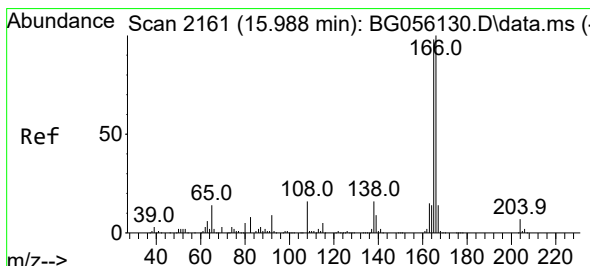
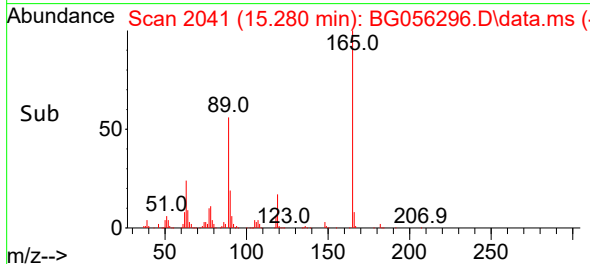
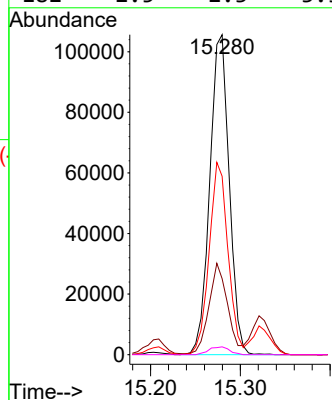
Ion Ratio Lower Upper

165 100

63 23.7 22.6 34.0

89 55.7 53.2 79.8

182 2.5 2.3 3.5



#58

Fluorene

Concen: 43.984 ng

RT: 15.967 min Scan# 2158

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

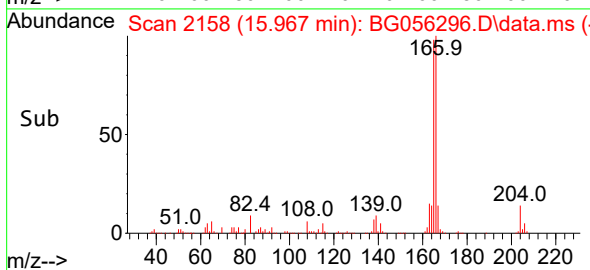
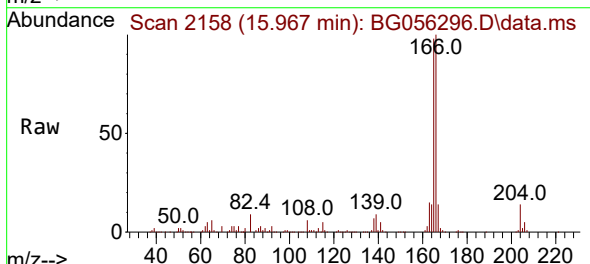
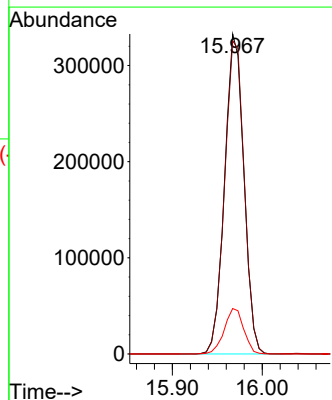
Tgt Ion:166 Resp: 494425

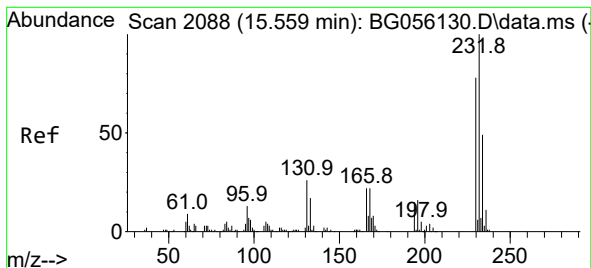
Ion Ratio Lower Upper

166 100

165 97.8 78.6 118.0

167 14.2 11.1 16.7

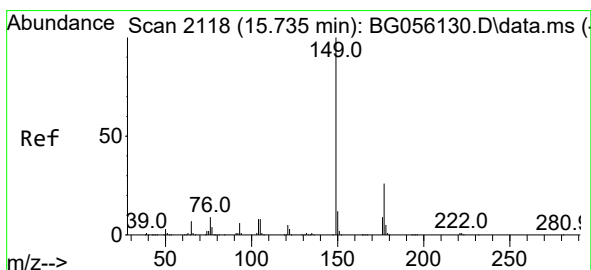
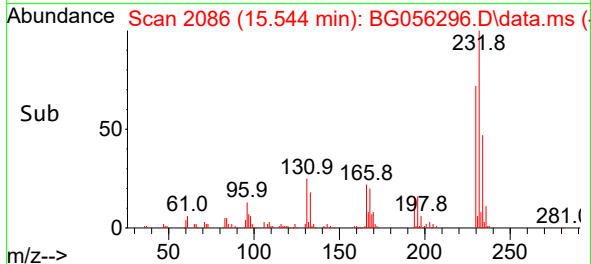
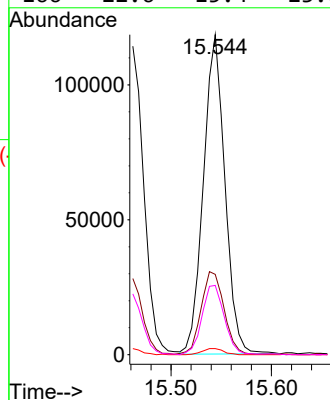
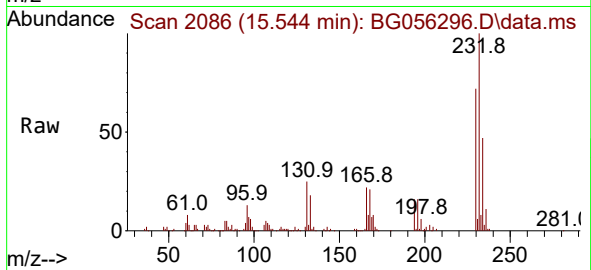




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.465 ng
RT: 15.544 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

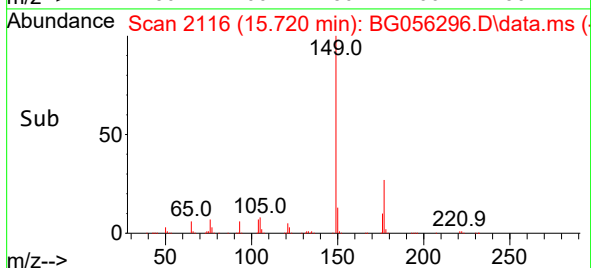
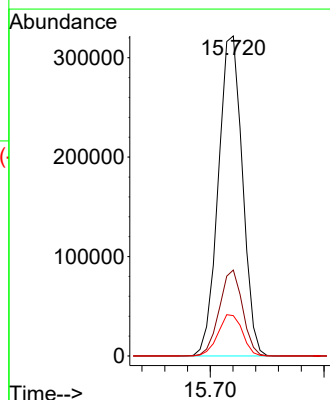
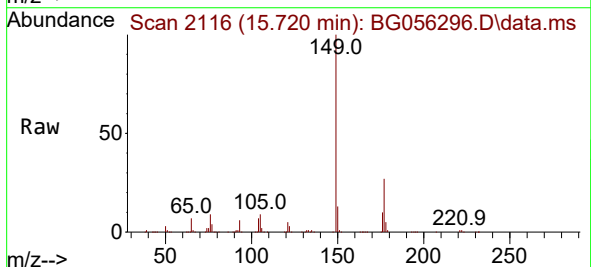
Instrument :
BNA_G
ClientSampleId :
PB150241BS

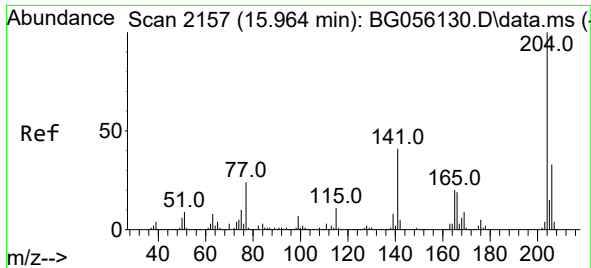
Tgt Ion:232 Resp: 176662
Ion Ratio Lower Upper
232 100
131 27.5 21.4 32.2
130 1.9 1.4 2.0
166 22.6 15.4 23.0



#60
Diethylphthalate
Concen: 44.378 ng
RT: 15.720 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:149 Resp: 474257
Ion Ratio Lower Upper
149 100
177 26.9 20.6 31.0
150 12.6 9.9 14.9

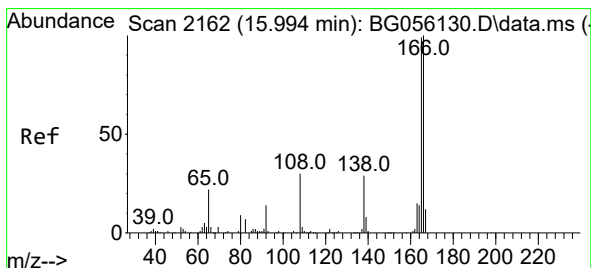
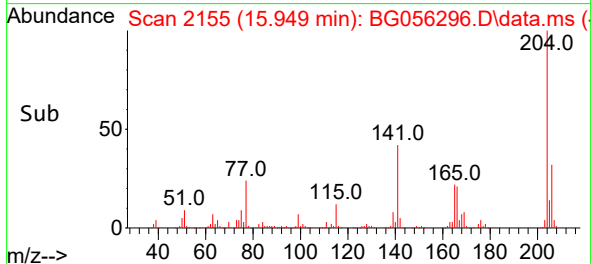
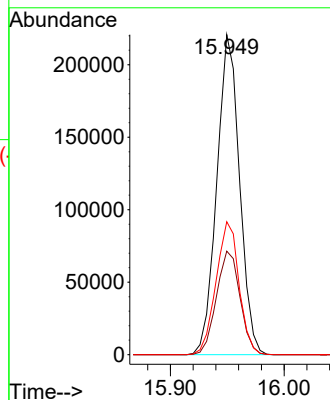
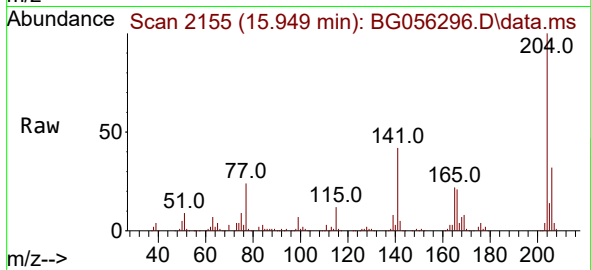




#61
4-Chlorophenyl-phenylether
Concen: 43.735 ng
RT: 15.949 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

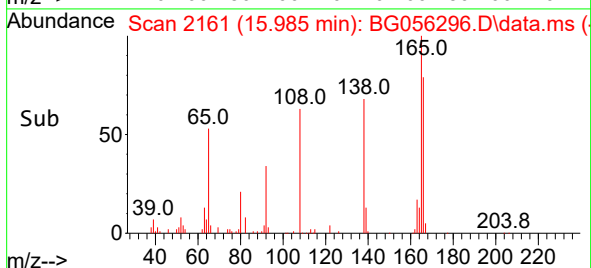
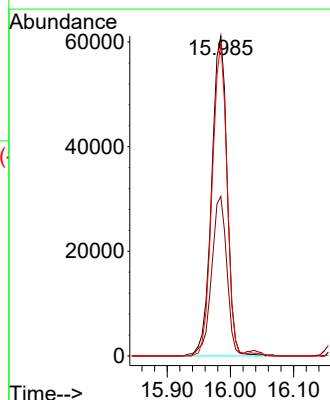
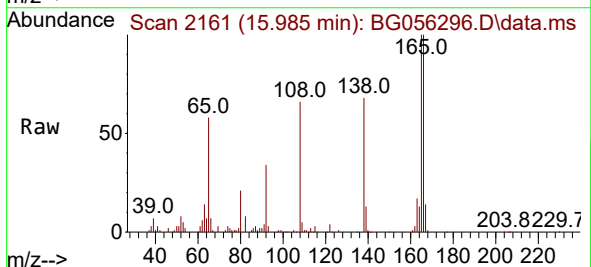
Instrument :
BNA_G
ClientSampleId :
PB150241BS

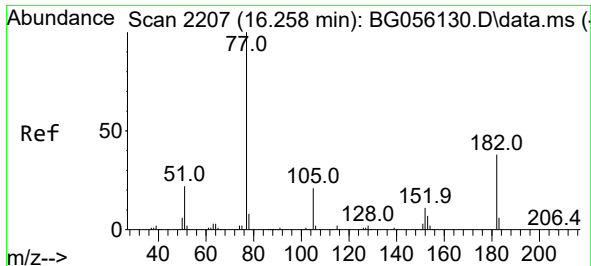
Tgt Ion:204 Resp: 306804
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 41.6 33.0 49.4



#62
4-Nitroaniline
Concen: 43.738 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:138 Resp: 103535
Ion Ratio Lower Upper
138 100
92 49.8 28.6 68.6
108 98.0 83.4 123.4

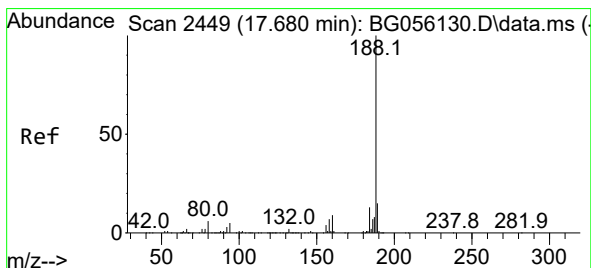
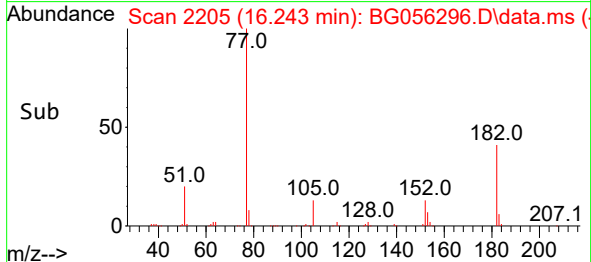
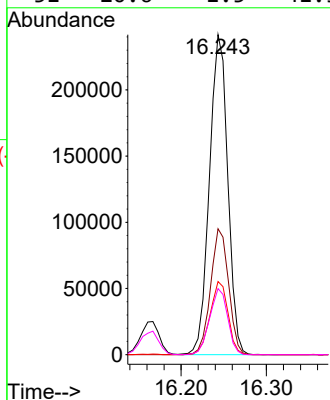
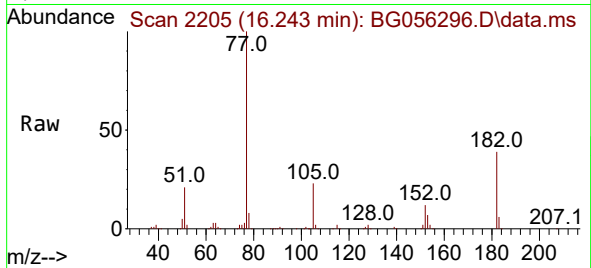




#63
 Azobenzene
 Concen: 43.783 ng
 RT: 16.243 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

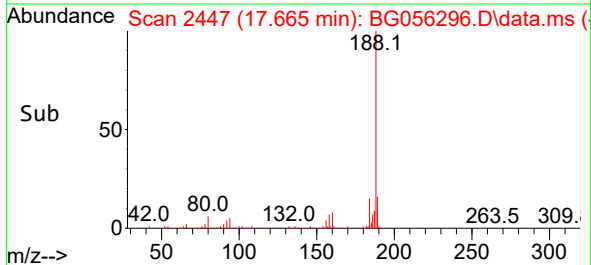
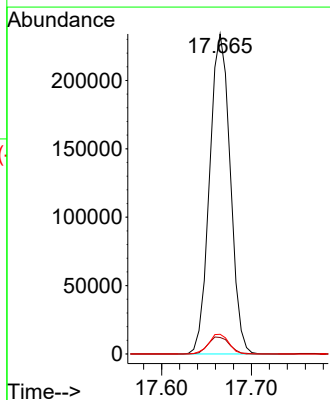
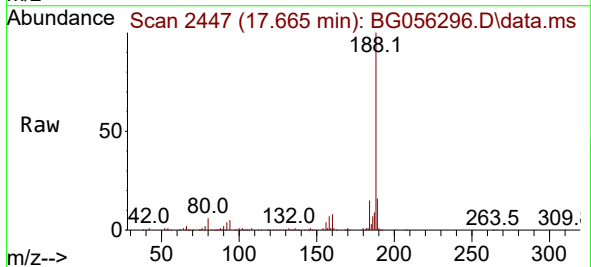
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

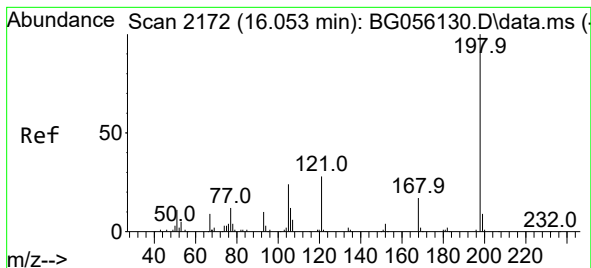
Tgt Ion: 77	Resp: 361070
Ion Ratio	Lower Upper
77 100	
182 39.4	18.5 58.5
105 22.8	1.4 41.4
51 20.6	1.5 41.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.665 min Scan# 2447
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion: 188	Resp: 373286
Ion Ratio	Lower Upper
188 100	
94 5.2	4.2 6.2
80 6.1	5.0 7.4

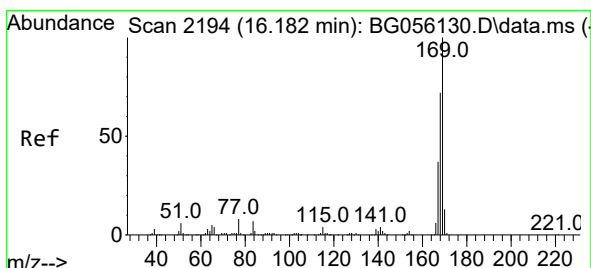
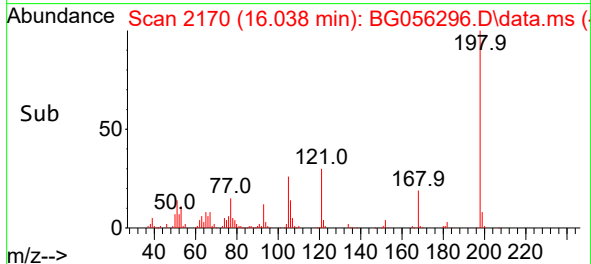
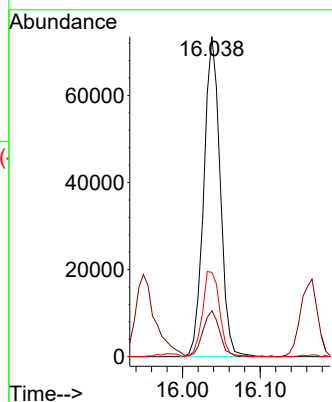
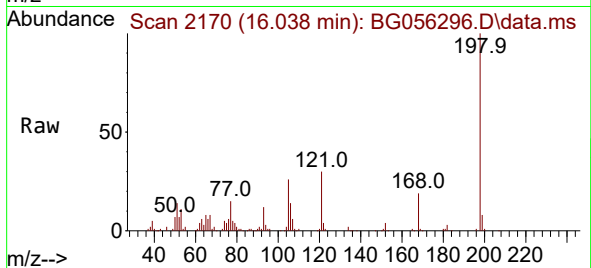




#65
4,6-Dinitro-2-methylphenol
Concen: 42.759 ng
RT: 16.038 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

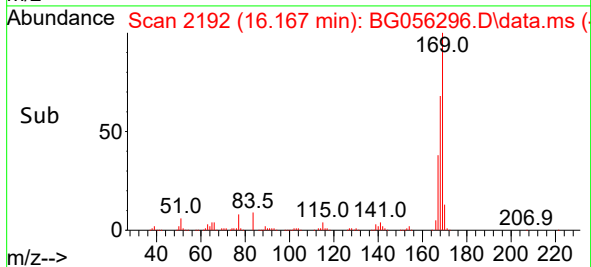
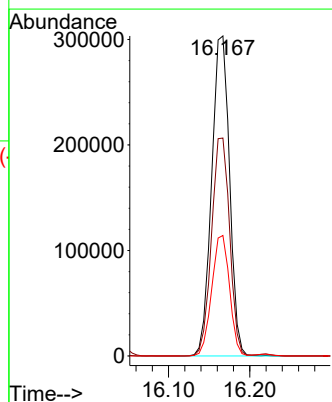
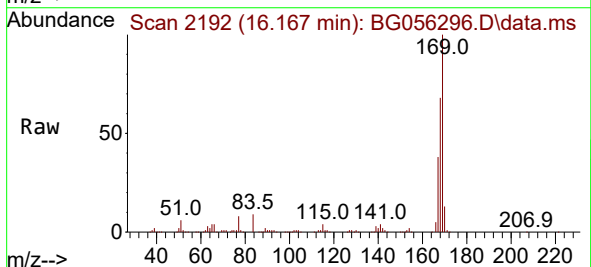
Instrument :
BNA_G
ClientSampleId :
PB150241BS

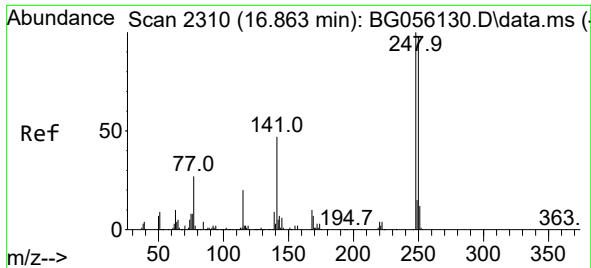
Tgt Ion:198 Resp: 107539
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 26.4 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 44.789 ng
RT: 16.167 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:169 Resp: 463880
Ion Ratio Lower Upper
169 100
168 68.1 58.0 87.0
167 37.7 30.0 45.0

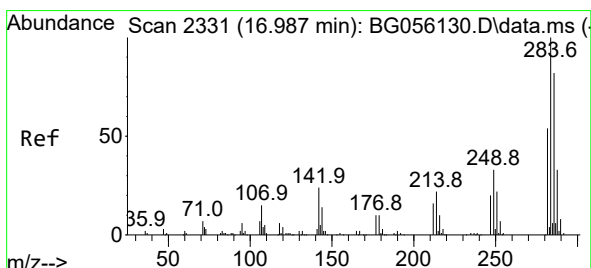
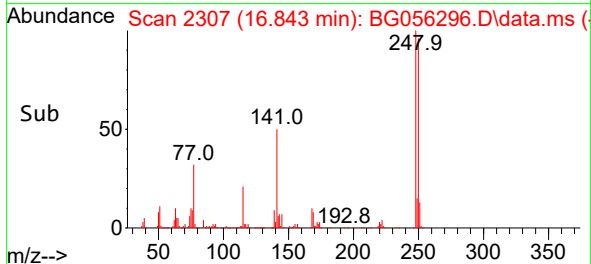
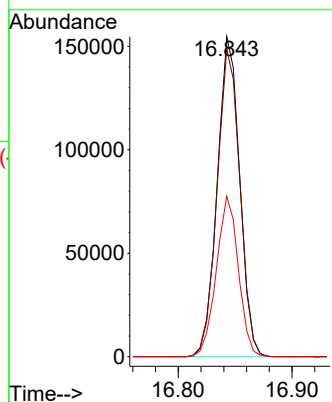
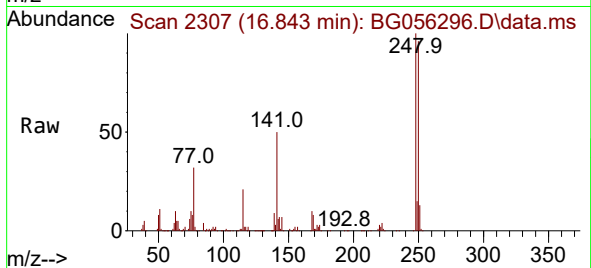




#67
4-Bromophenyl-phenylether
Concen: 44.625 ng
RT: 16.843 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

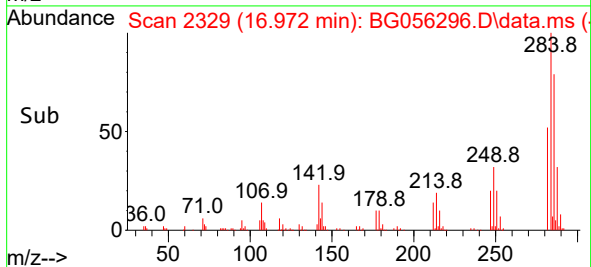
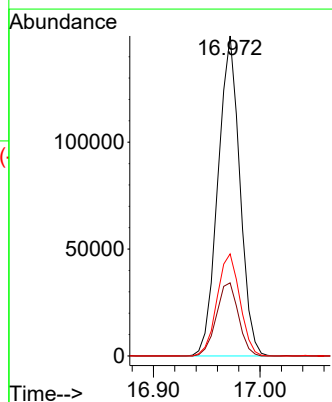
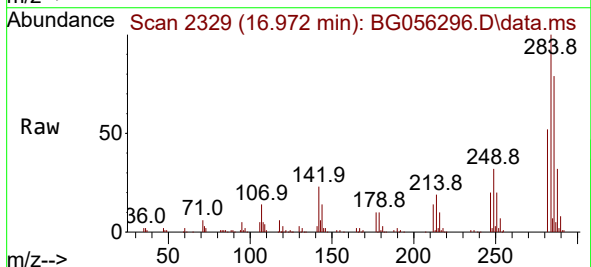
Instrument :
BNA_G
ClientSampleId :
PB150241BS

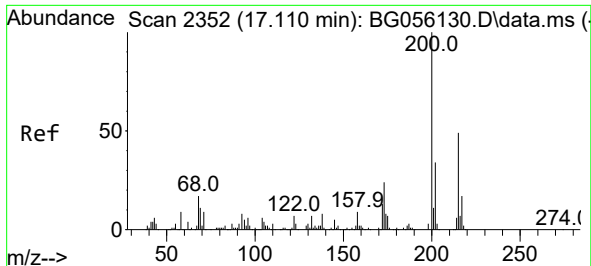
Tgt Ion:248 Resp: 212121
Ion Ratio Lower Upper
248 100
250 96.2 78.2 117.4
141 50.1 37.6 56.4



#68
Hexachlorobenzene
Concen: 47.983 ng
RT: 16.972 min Scan# 2329
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:284 Resp: 212798
Ion Ratio Lower Upper
284 100
142 22.8 19.0 28.6
249 31.9 26.6 39.8

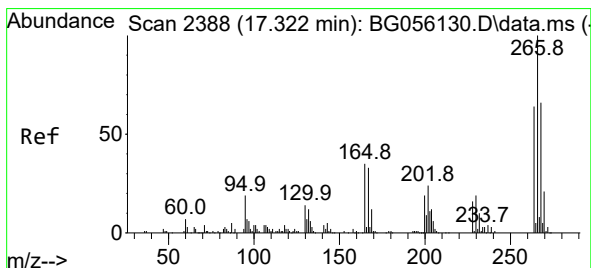
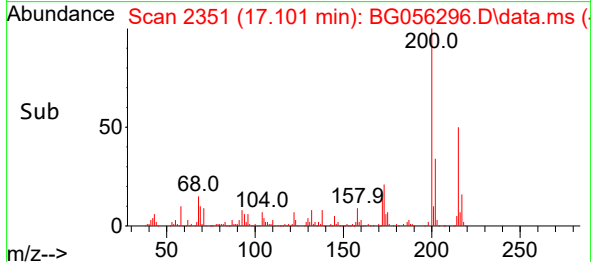
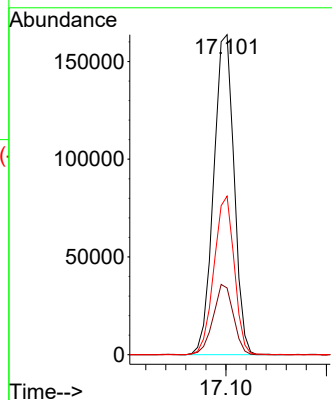
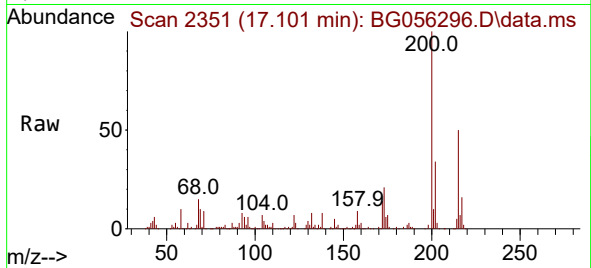




#69
 Atrazine
 Concen: 53.746 ng
 RT: 17.101 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

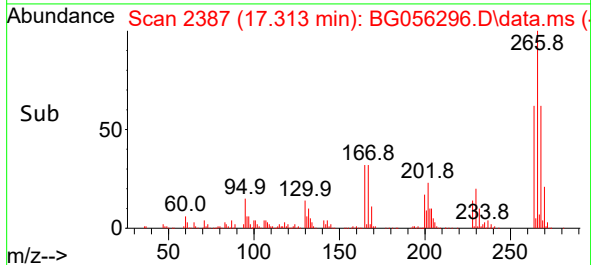
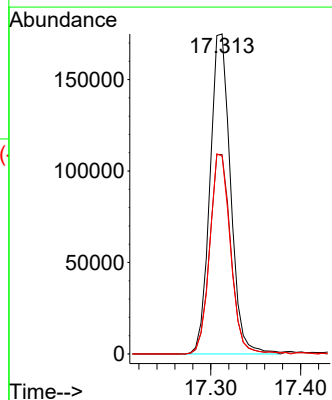
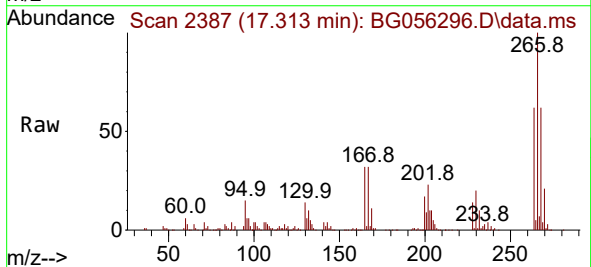
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

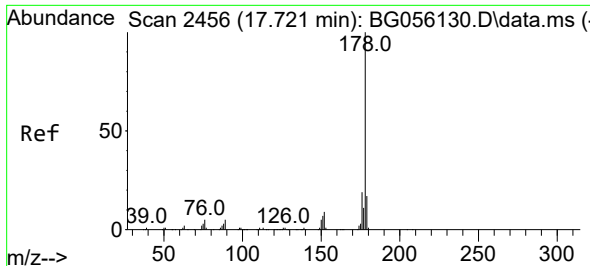
Tgt Ion:200 Resp: 230698
 Ion Ratio Lower Upper
 200 100
 173 20.9 4.0 44.0
 215 49.6 29.1 69.1



#70
 Pentachlorophenol
 Concen: 81.686 ng
 RT: 17.313 min Scan# 2387
 Delta R.T. 0.006 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion:266 Resp: 278280
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.0 79.4
 264 61.8 51.4 77.2

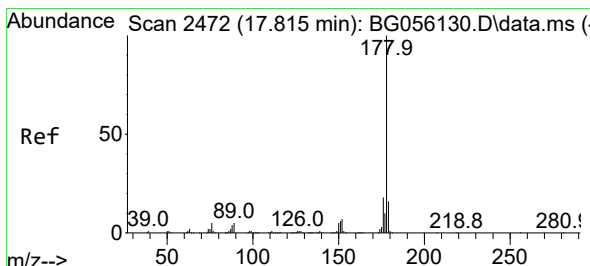
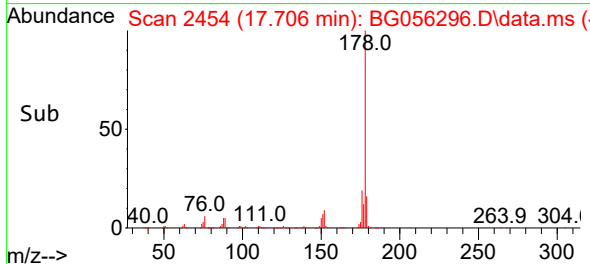
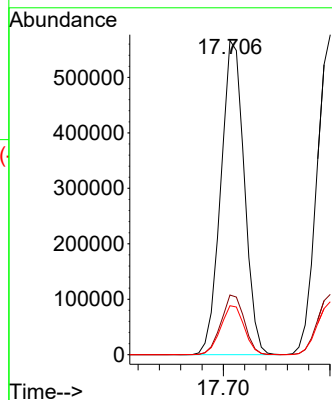
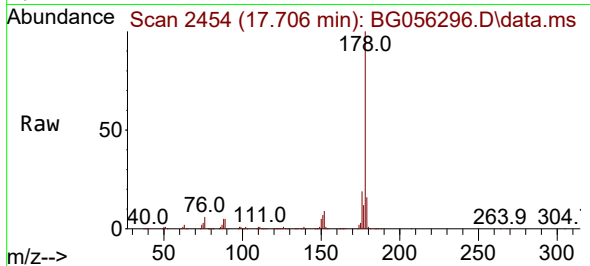




#71
Phenanthrene
Concen: 44.640 ng
RT: 17.706 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

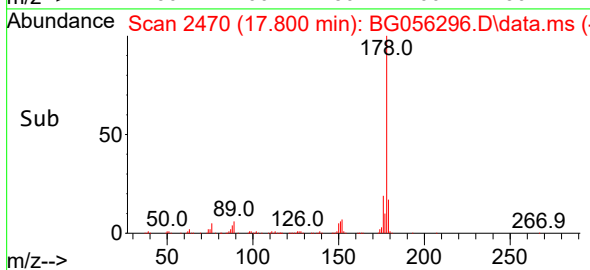
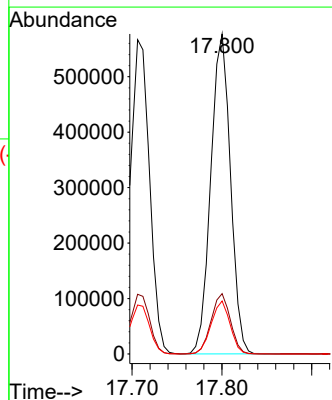
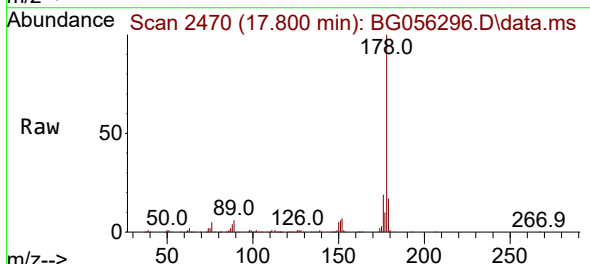
Instrument :
BNA_G
ClientSampleId :
PB150241BS

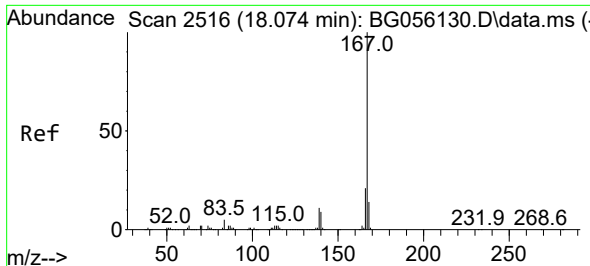
Tgt Ion:178 Resp: 863559
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 13.6 20.4



#72
Anthracene
Concen: 44.013 ng
RT: 17.800 min Scan# 2470
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:178 Resp: 878309
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 16.6 12.7 19.1

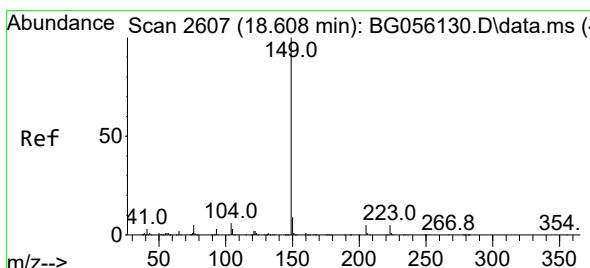
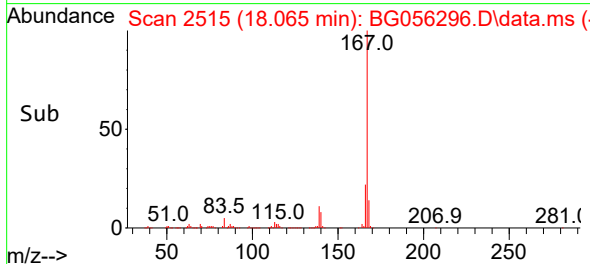
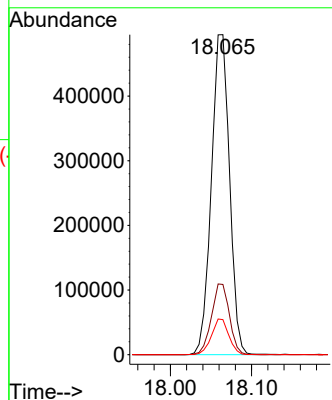
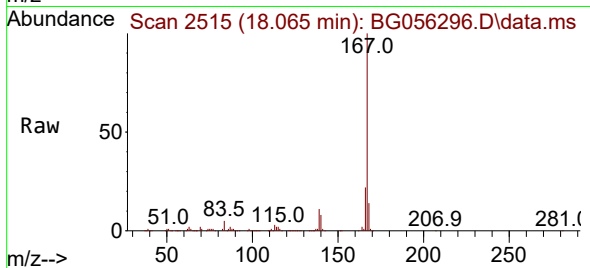




#73
 Carbazole
 Concen: 45.811 ng
 RT: 18.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

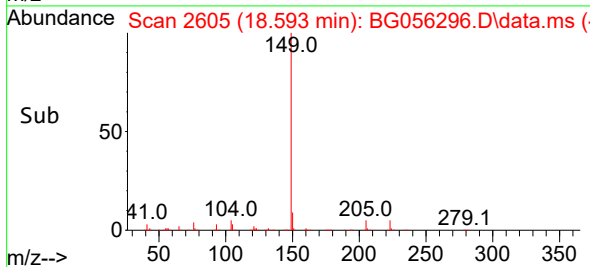
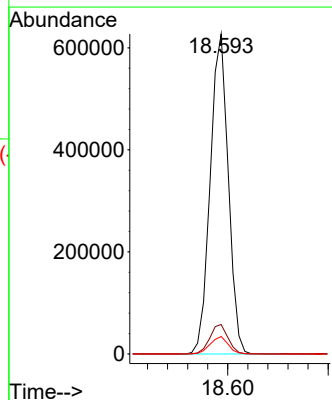
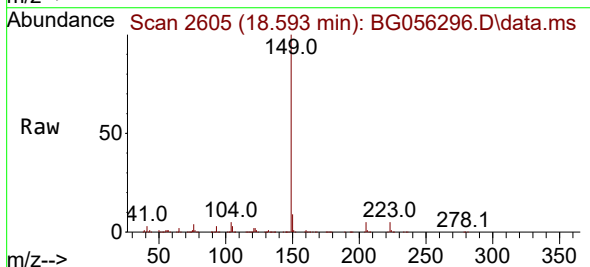
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

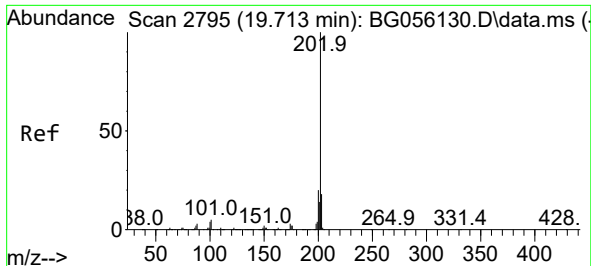
Tgt Ion:167 Resp: 768437
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 10.9 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 46.934 ng
 RT: 18.593 min Scan# 2605
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion:149 Resp: 784788
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.4 4.4 6.6

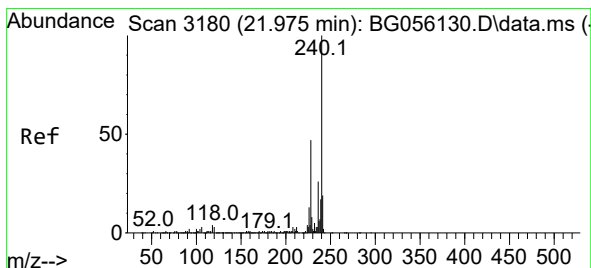
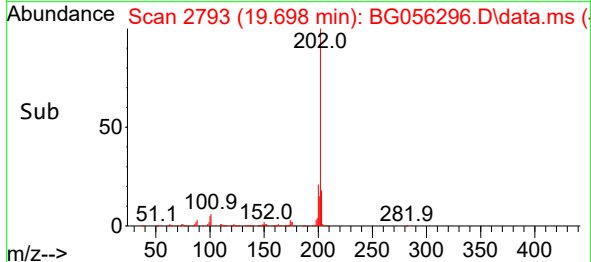
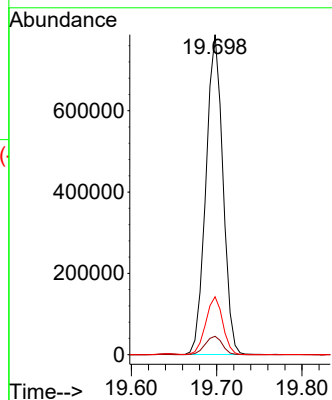
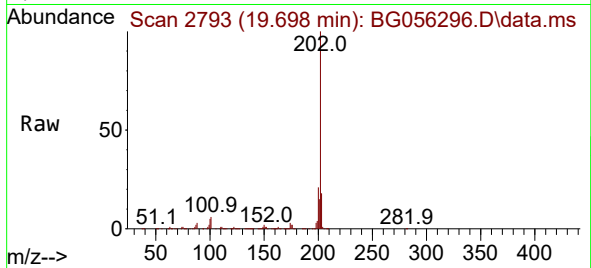




#75
Fluoranthene
Concen: 43.005 ng
RT: 19.698 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

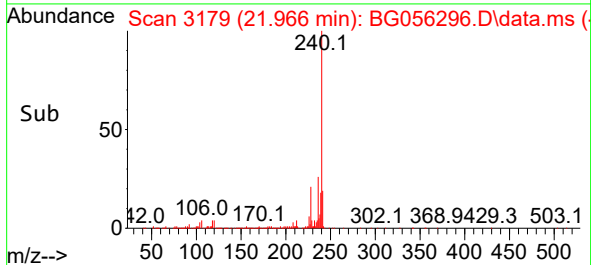
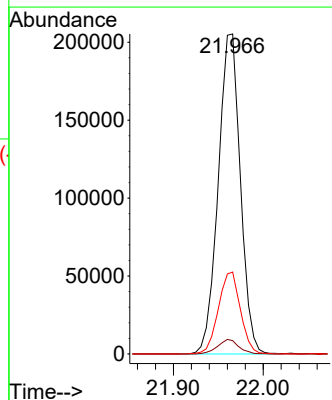
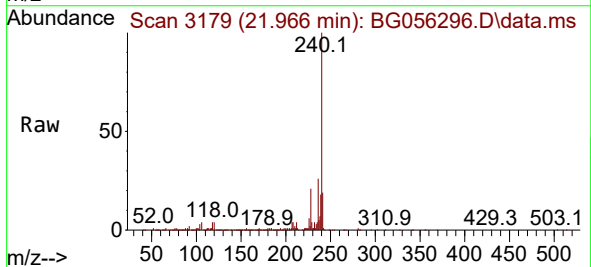
Instrument :
BNA_G
ClientSampleId :
PB150241BS

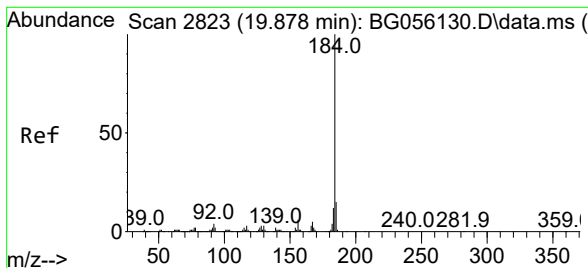
Tgt Ion:202 Resp: 1085188
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.0
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG056296.D
Acq: 16 Jan 2023 14:37

Tgt Ion:240 Resp: 351767
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2





#77

Benzidine

Concen: 34.676 ng

RT: 19.863 min Scan# 2821

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

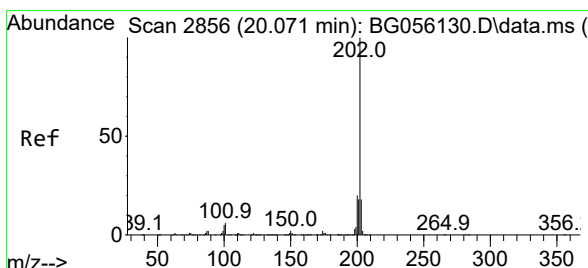
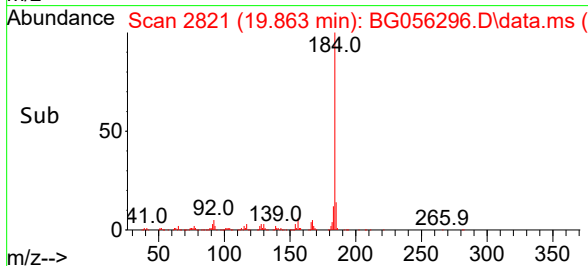
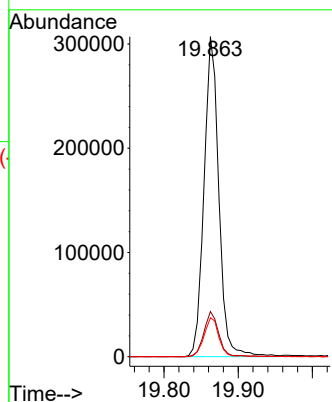
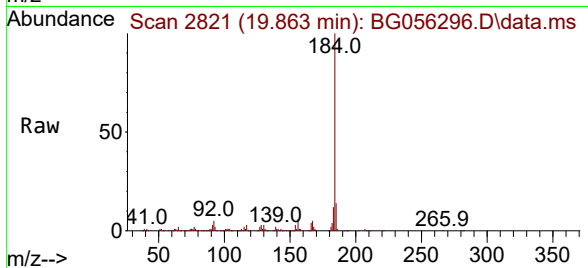
Tgt Ion:184 Resp: 427462

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

183 12.2 9.4 14.0



#78

Pyrene

Concen: 44.448 ng

RT: 20.056 min Scan# 2854

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

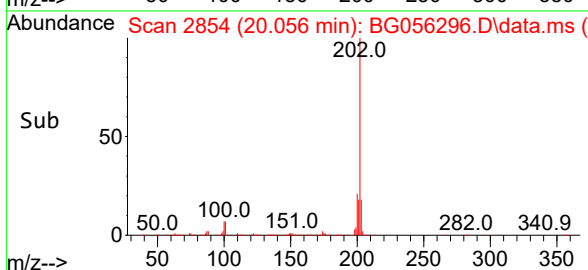
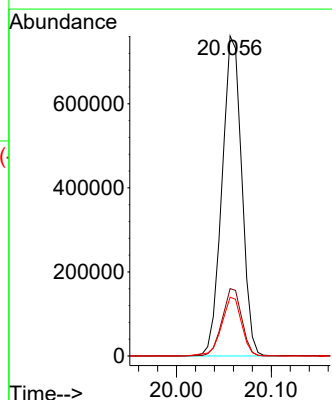
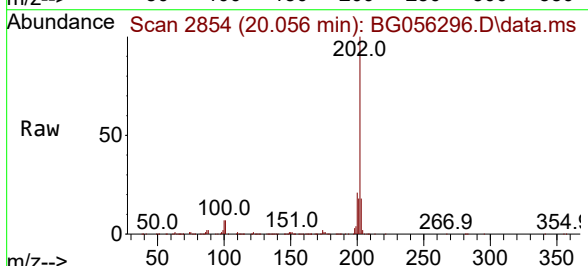
Tgt Ion:202 Resp: 1102038

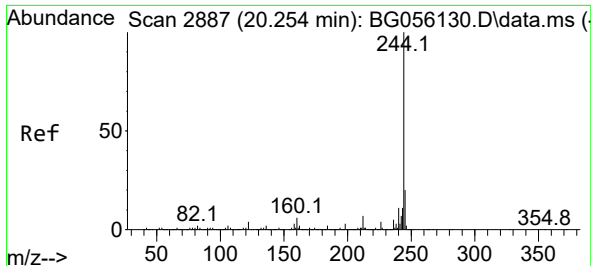
Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

203 18.3 14.3 21.5

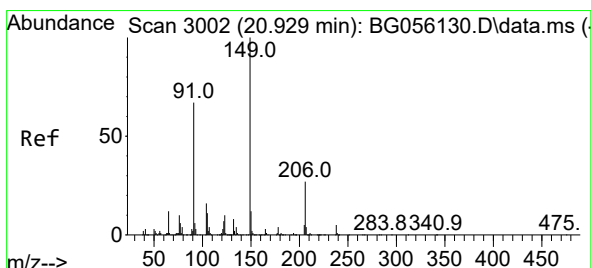
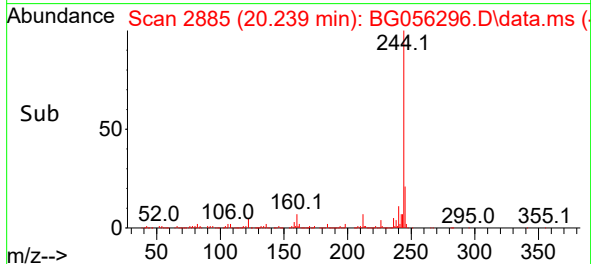
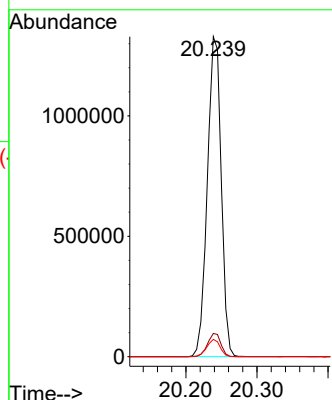
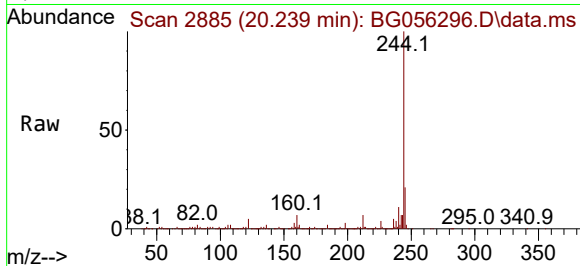




#79
 Terphenyl-d14
 Concen: 91.915 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

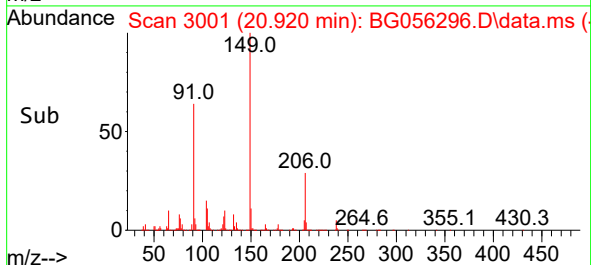
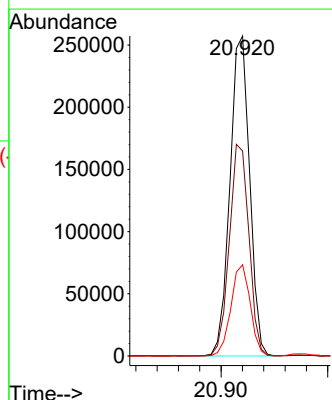
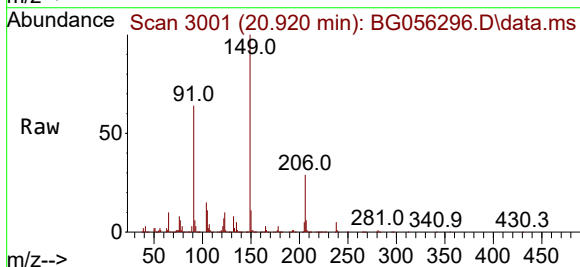
Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

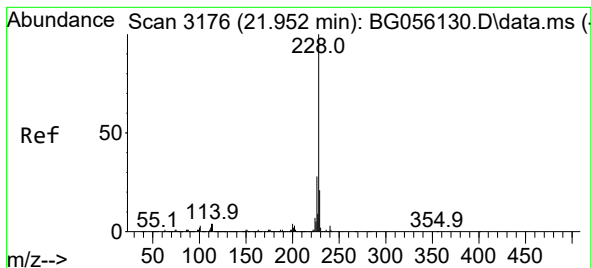
Tgt Ion:244 Resp: 1805244
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.4 3.5 5.3#



#80
 Butylbenzylphthalate
 Concen: 46.411 ng
 RT: 20.920 min Scan# 3001
 Delta R.T. 0.001 min
 Lab File: BG056296.D
 Acq: 16 Jan 2023 14:37

Tgt Ion:149 Resp: 330134
 Ion Ratio Lower Upper
 149 100
 91 64.1 53.5 80.3
 206 28.5 21.9 32.9





#81

Benzo(a)anthracene

Concen: 44.364 ng

RT: 21.942 min Scan# 3175

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

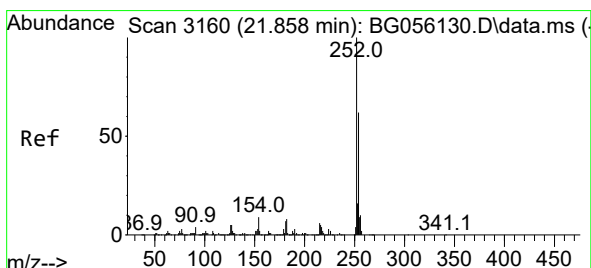
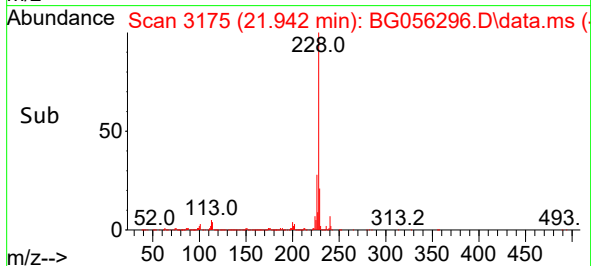
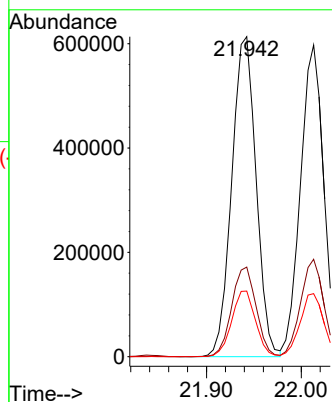
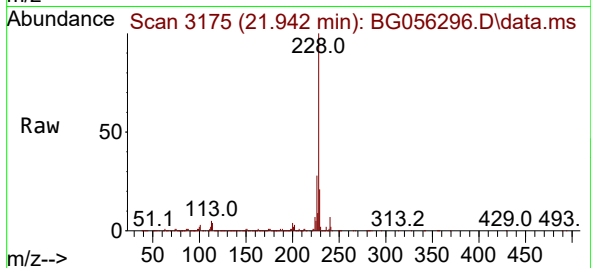
Tgt Ion:228 Resp: 1096099

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

229 20.5 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 29.249 ng

RT: 21.843 min Scan# 3158

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

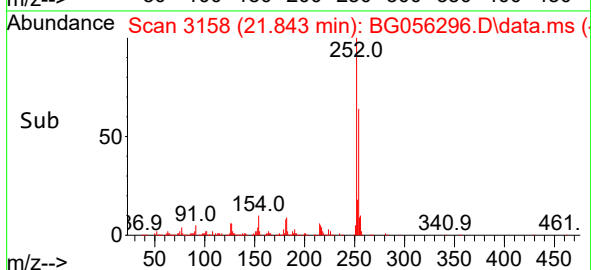
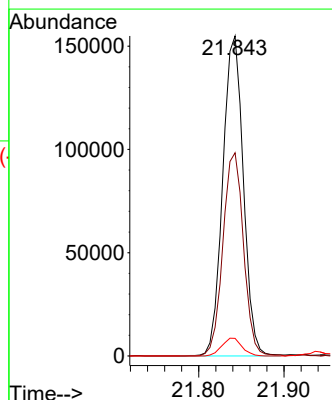
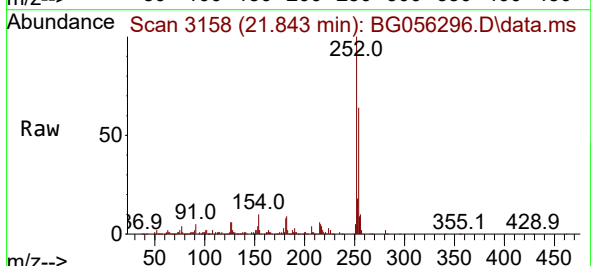
Tgt Ion:252 Resp: 260138

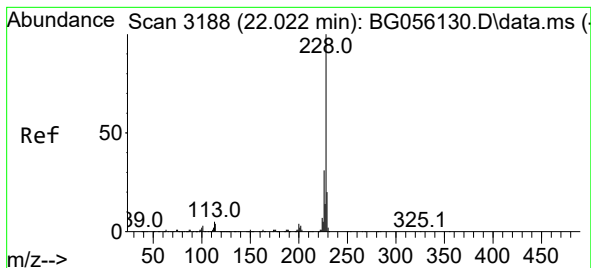
Ion Ratio Lower Upper

252 100

254 63.5 49.5 74.3

126 5.5 4.0 6.0





#83

Chrysene

Concen: 43.867 ng

RT: 22.013 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

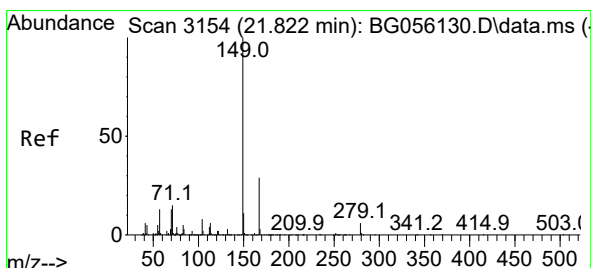
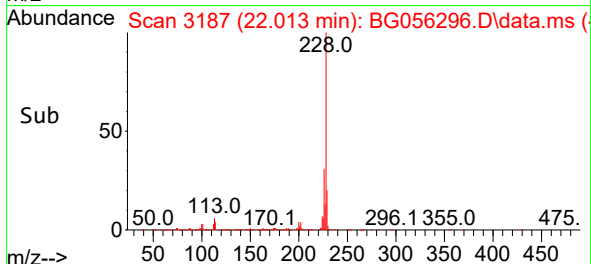
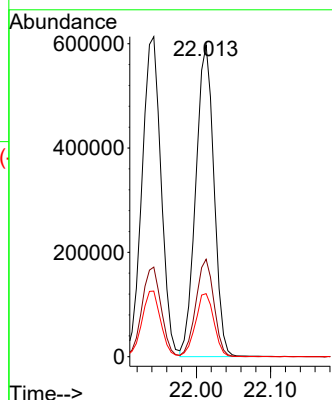
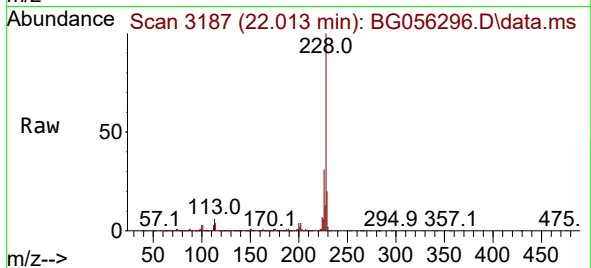
Tgt Ion:228 Resp: 1015214

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.759 ng

RT: 21.807 min Scan# 3152

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

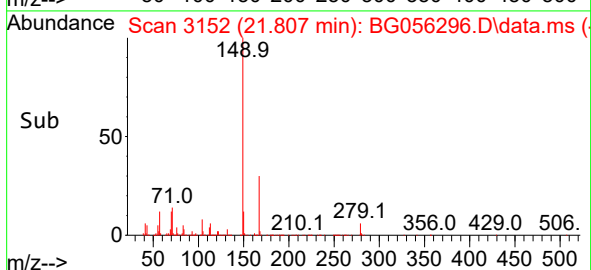
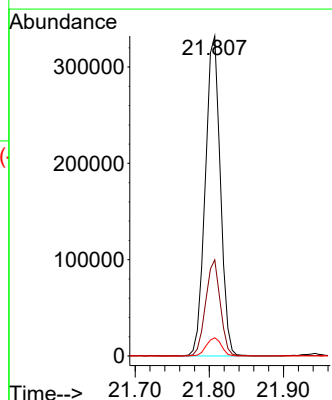
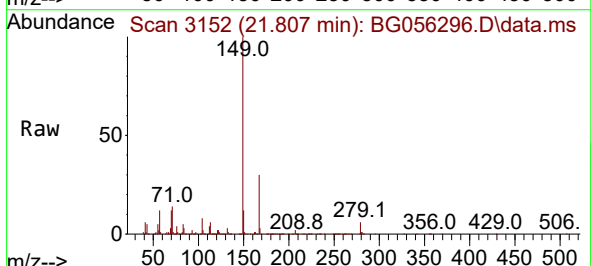
Tgt Ion:149 Resp: 468941

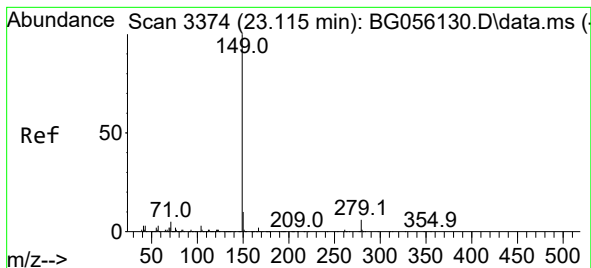
Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.2

279 5.7 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 46.623 ng

RT: 23.088 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

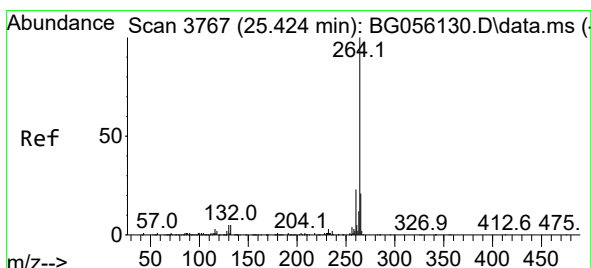
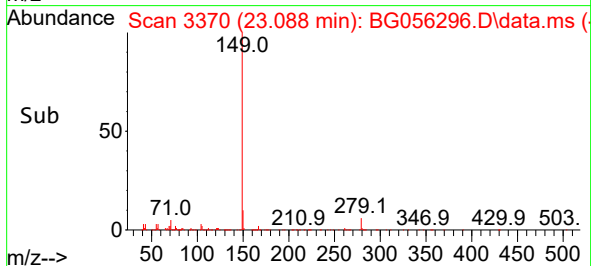
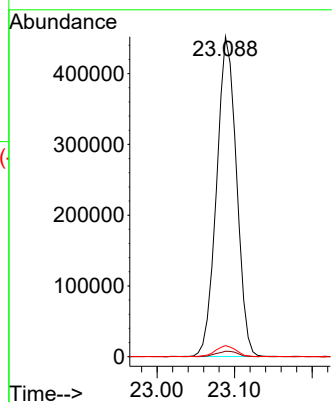
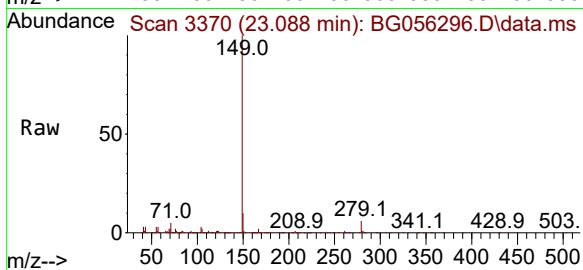
Tgt Ion:149 Resp: 806599

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.5 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.409 min Scan# 3765

Delta R.T. 0.006 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

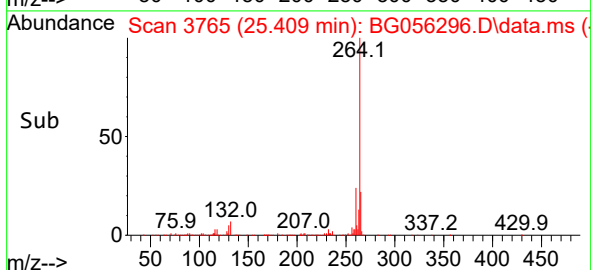
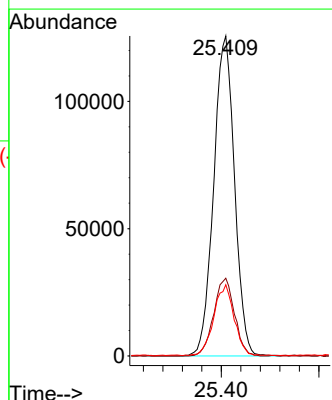
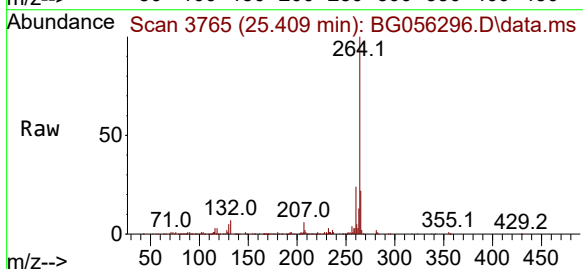
Tgt Ion:264 Resp: 372739

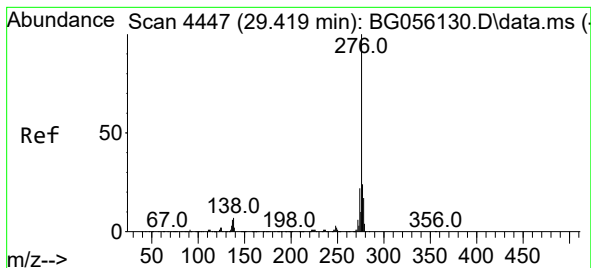
Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.293 ng

RT: 29.381 min Scan# 4441

Delta R.T. 0.018 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

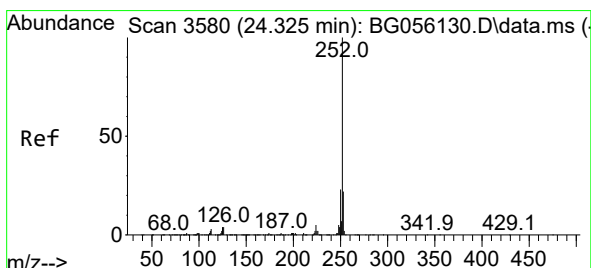
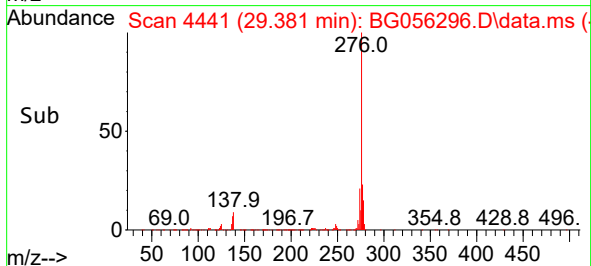
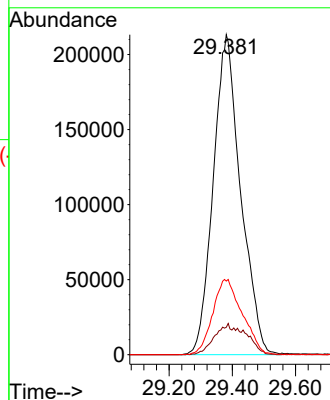
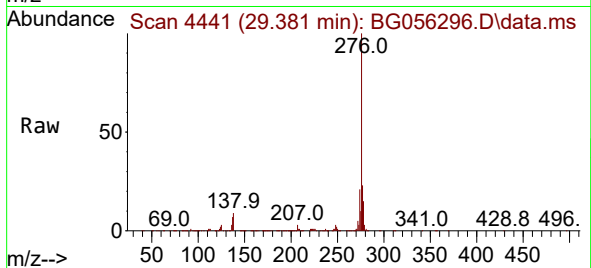
Tgt Ion:276 Resp: 1282012

Ion Ratio Lower Upper

276 100

138 6.0 5.0 7.4

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 48.579 ng

RT: 24.310 min Scan# 3578

Delta R.T. 0.012 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

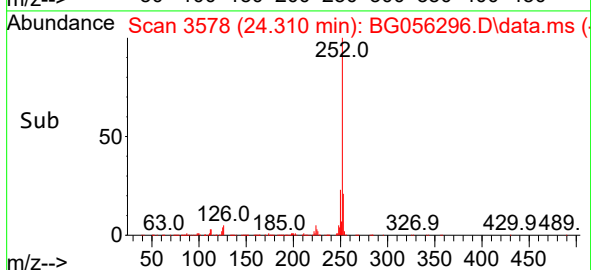
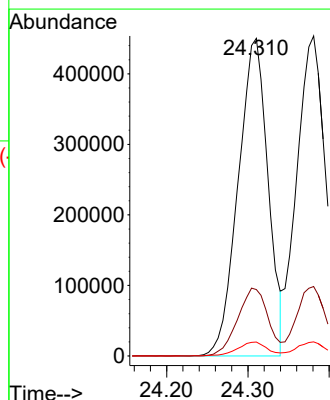
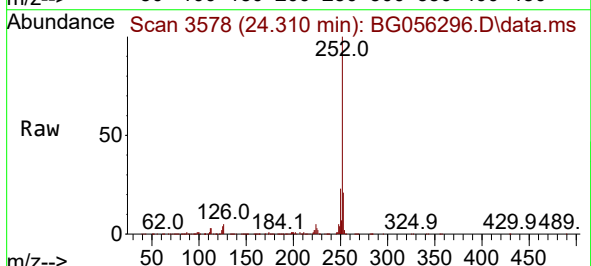
Tgt Ion:252 Resp: 1150469

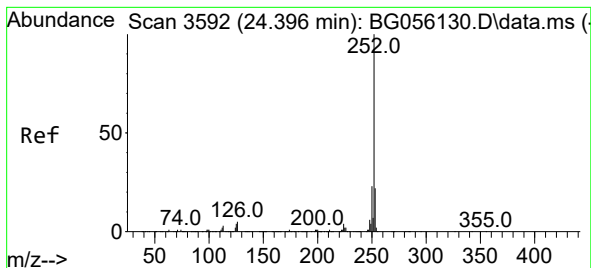
Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

125 4.4 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 47.544 ng

RT: 24.381 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

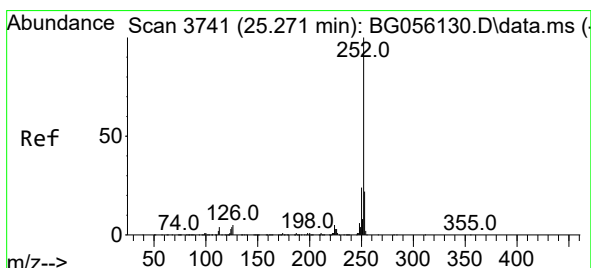
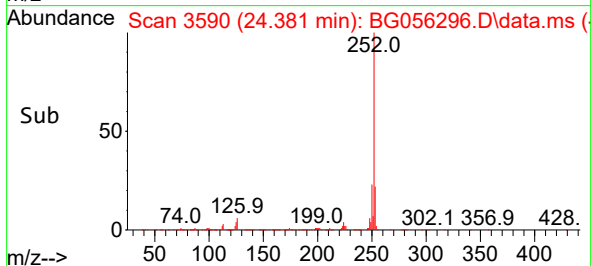
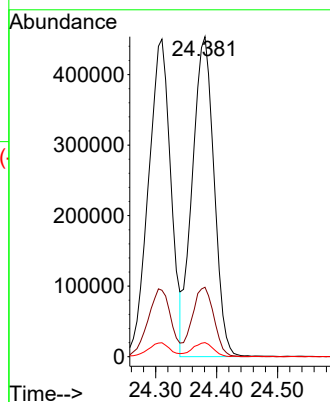
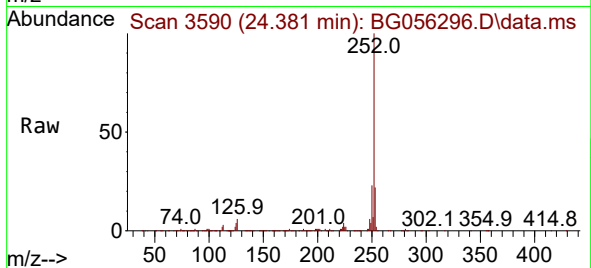
Tgt Ion:252 Resp: 1121238

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 4.4 3.4 5.0



#90

Benzo(a)pyrene

Concen: 43.961 ng

RT: 25.244 min Scan# 3737

Delta R.T. 0.001 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

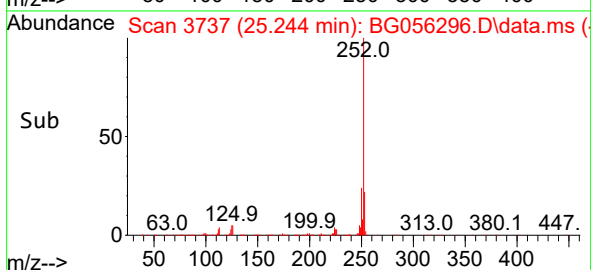
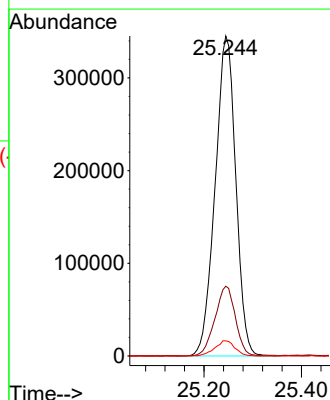
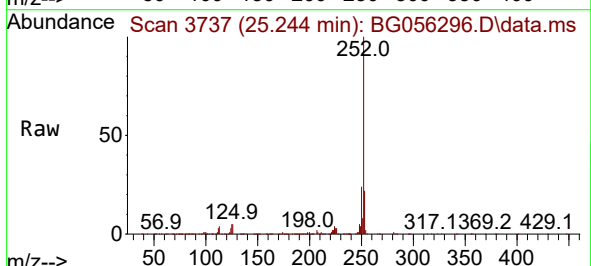
Tgt Ion:252 Resp: 1015449

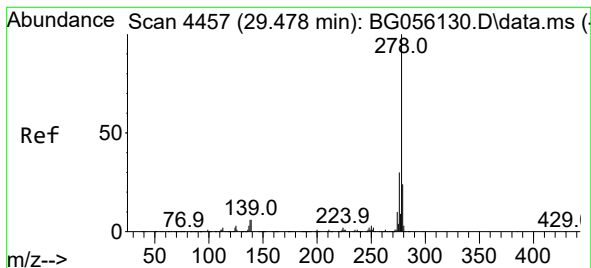
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 4.7 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 47.250 ng

RT: 29.445 min Scan# 4452

Delta R.T. 0.012 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Instrument :

BNA_G

ClientSampleId :

PB150241BS

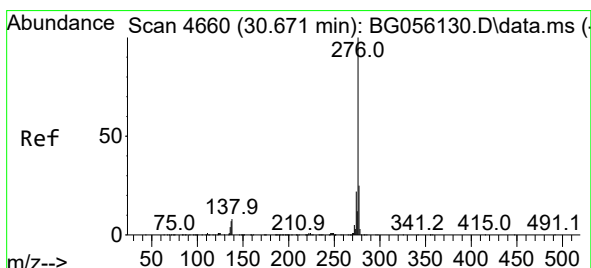
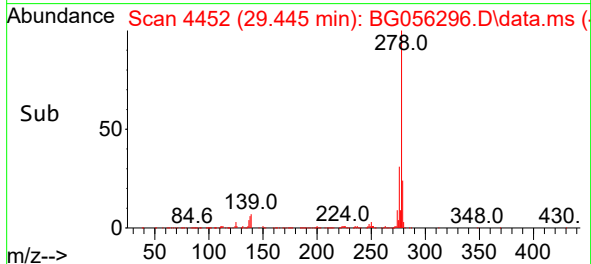
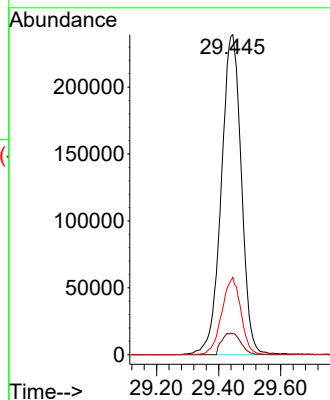
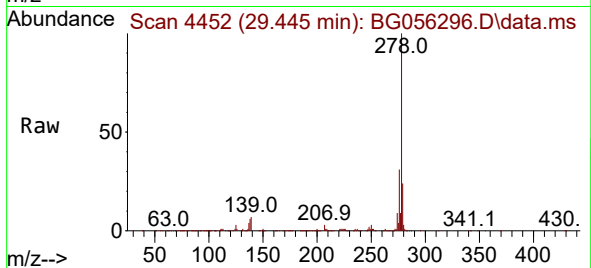
Tgt Ion:278 Resp: 1073864

Ion Ratio Lower Upper

278 100

139 6.5 4.8 7.2

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.295 ng

RT: 30.632 min Scan# 4654

Delta R.T. 0.018 min

Lab File: BG056296.D

Acq: 16 Jan 2023 14:37

Tgt Ion:276 Resp: 1042359

Ion Ratio Lower Upper

276 100

277 22.7 19.7 29.5

138 9.2 6.7 10.1

