

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056297.D
 Acq On : 16 Jan 2023 15:22
 Operator : CG/JU
 Sample : PB150244BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

Quant Time: Jan 17 05:25:13 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	47328	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	185120	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	152684	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	388962	20.000	ng	0.00
76) Chrysene-d12	21.966	240	360628	20.000	ng	# 0.00
86) Perylene-d12	25.415	264	386297	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	408651	154.168	ng	0.00
7) Phenol-d6	7.453	99	560209	137.620	ng	0.00
23) Nitrobenzene-d5	9.492	82	301932	83.429	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	262125	135.555	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	967621	87.513	ng	0.00
79) Terphenyl-d14	20.244	244	1859709	92.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	39726	32.812	ng	# 92
3) Pyridine	4.063	79	108983	29.554	ng	# 92
4) n-Nitrosodimethylamine	3.975	42	28436	37.908	ng	83
6) Aniline	7.629	93	176572	33.077	ng	97
8) 2-Chlorophenol	7.876	128	135644	51.425	ng	97
9) Benzaldehyde	7.441	77	67885	28.047	ng	98
10) Phenol	7.483	94	193805	46.946	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	124683	44.568	ng	95
12) 1,3-Dichlorobenzene	8.205	146	151834	47.297	ng	97
13) 1,4-Dichlorobenzene	8.352	146	154621	47.964	ng	94
14) 1,2-Dichlorobenzene	8.675	146	150717	48.454	ng	100
15) Benzyl Alcohol	8.546	79	128046	43.220	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.834	45	26283	53.164	ng	# 84
17) 2-Methylphenol	8.752	107	136462	45.049	ng	96
18) Hexachloroethane	9.416	117	45723	46.689	ng	95
19) n-Nitroso-di-n-propyla...	9.122	70	98887	39.949	ng	97
20) 3+4-Methylphenols	9.075	107	185301	43.509	ng	98
22) Acetophenone	9.145	105	219352	41.907	ng	98
24) Nitrobenzene	9.533	77	147752	41.197	ng	100
25) Isophorone	10.056	82	297382	39.054	ng	98
26) 2-Nitrophenol	10.250	139	83599	45.557	ng	98
27) 2,4-Dimethylphenol	10.291	122	150684	45.021	ng	96
28) bis(2-Chloroethoxy)met...	10.532	93	173166	43.755	ng	98
29) 2,4-Dichlorophenol	10.785	162	171601	46.376	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	188317	44.848	ng	97
31) Naphthalene	11.202	128	428596	43.992	ng	99
32) Benzoic acid	10.426	122	99072	39.895	ng	97
33) 4-Chloroaniline	11.296	127	104216	22.405	ng	97
34) Hexachlorobutadiene	11.478	225	132479	43.867	ng	97
35) Caprolactam	12.065	113	33847	27.017	ng	93
36) 4-Chloro-3-methylphenol	12.394	107	167616	44.642	ng	98
37) 2-Methylnaphthalene	12.782	142	340526	41.395	ng	100
38) 1-Methylnaphthalene	13.000	142	311757	40.811	ng	100
40) 1,2,4,5-Tetrachloroben...	13.147	216	256161	44.763	ng	99
41) Hexachlorocyclopentadiene	13.117	237	321841	98.646	ng	96
43) 2,4,6-Trichlorophenol	13.376	196	172717	45.644	ng	99

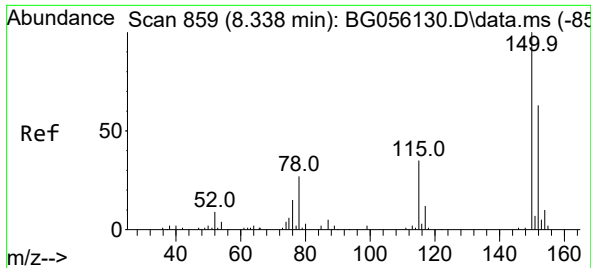
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	188774	42.173	ng	96
46) 1,1'-Biphenyl	13.769	154	489851	44.798	ng	98
47) 2-Chloronaphthalene	13.822	162	390930	45.294	ng	97
48) 2-Nitroaniline	14.010	65	80762	43.918	ng	96
49) Acenaphthylene	14.657	152	606580	43.187	ng	99
50) Dimethylphthalate	14.369	163	528212	42.855	ng	98
51) 2,6-Dinitrotoluene	14.498	165	114354	43.541	ng	94
52) Acenaphthene	14.997	154	376401	41.204	ng	98
53) 3-Nitroaniline	14.827	138	77013	30.811	ng	95
54) 2,4-Dinitrophenol	15.033	184	167047	89.033	ng	95
55) Dibenzofuran	15.326	168	649974	42.997	ng	96
56) 4-Nitrophenol	15.121	139	173607	90.309	ng	94
57) 2,4-Dinitrotoluene	15.279	165	162240	44.171	ng	94
58) Fluorene	15.973	166	519040	42.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.544	232	186183	44.299	ng	96
60) Diethylphthalate	15.720	149	492311	42.591	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	326561	43.038	ng	99
62) 4-Nitroaniline	15.990	138	105954	41.382	ng	96
63) Azobenzene	16.249	77	377397	42.309	ng	97
65) 4,6-Dinitro-2-methylph...	16.043	198	111425	42.519	ng	96
66) n-Nitrosodiphenylamine	16.167	169	482371	44.697	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	220740	44.567	ng	99
68) Hexachlorobenzene	16.971	284	218407	47.263	ng	97
69) Atrazine	17.101	200	238282	53.276	ng	98
70) Pentachlorophenol	17.312	266	289947	81.681	ng	97
71) Phenanthrene	17.712	178	894893	44.396	ng	98
72) Anthracene	17.806	178	909653	43.747	ng	99
73) Carbazole	18.064	167	781927	44.737	ng	99
74) Di-n-butylphthalate	18.593	149	797561	45.775	ng	99
75) Fluoranthene	19.704	202	1126557	42.846	ng	99
77) Benzidine	19.868	184	347290	27.480	ng	97
78) Pyrene	20.062	202	1135243	44.662	ng	99
80) Butylbenzylphthalate	20.920	149	341778	46.868	ng	99
81) Benzo(a)anthracene	21.942	228	1133953	44.768	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	303471	33.282	ng	96
83) Chrysene	22.013	228	1051594	44.322	ng	98
84) Bis(2-ethylhexyl)phtha...	21.807	149	488334	46.481	ng	98
85) Di-n-octyl phthalate	23.094	149	841548	47.448	ng	100
87) Indeno(1,2,3-cd)pyrene	29.386	276	1329246	47.314	ng #	97
88) Benzo(b)fluoranthene	24.316	252	1215817	49.536	ng	99
89) Benzo(k)fluoranthene	24.386	252	1136526	46.501	ng	100
90) Benzo(a)pyrene	25.256	252	1052202	43.954	ng	100
91) Dibenzo(a,h)anthracene	29.451	278	1122004	47.635	ng	99
92) Benzo(g,h,i)perylene	30.638	276	1084433	47.477	ng	98

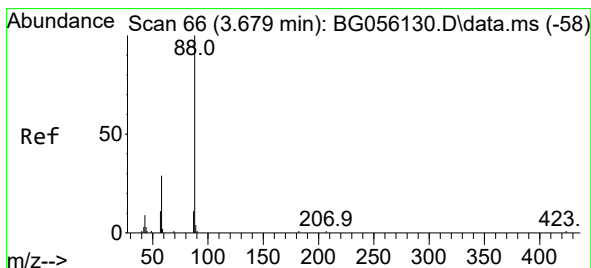
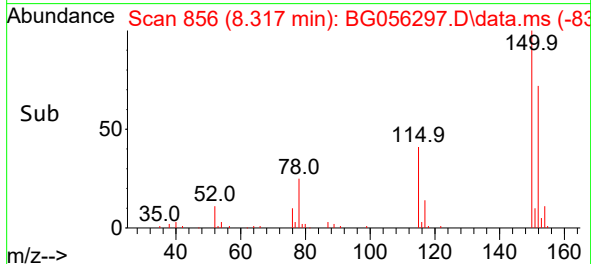
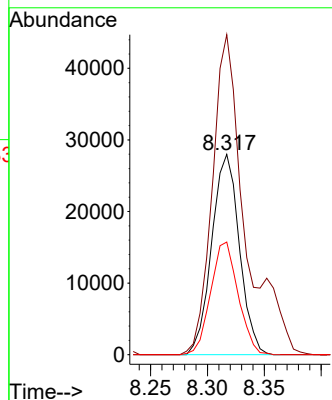
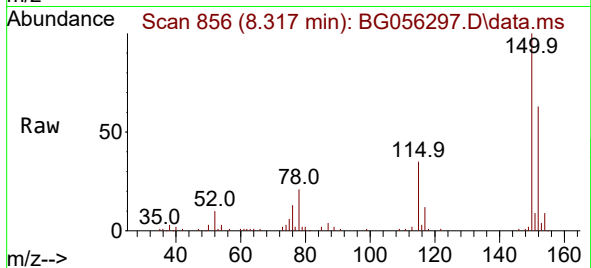
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.317 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG056297.D
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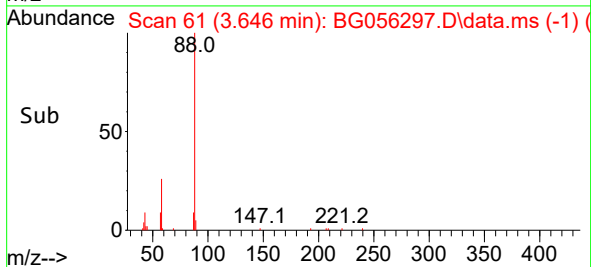
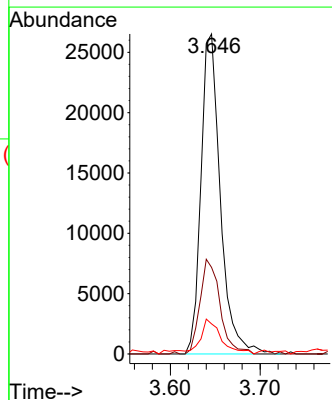
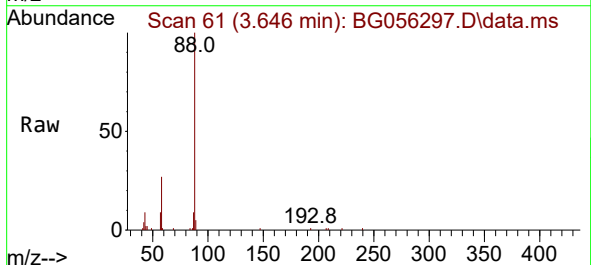
Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

Tgt Ion:152 Resp: 47328
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.9 191.9
 115 56.3 44.2 66.2



#2
 1,4-Dioxane
 Concen: 32.812 ng
 RT: 3.646 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion: 88 Resp: 39726
 Ion Ratio Lower Upper
 88 100
 58 30.6 21.4 32.0
 43 12.5 7.1 10.7#

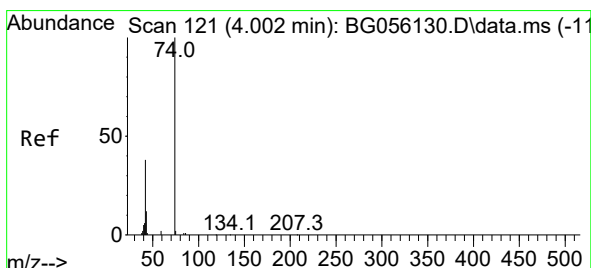
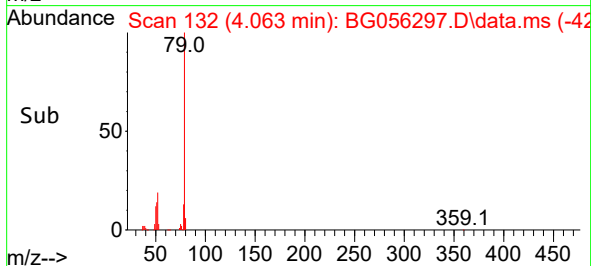
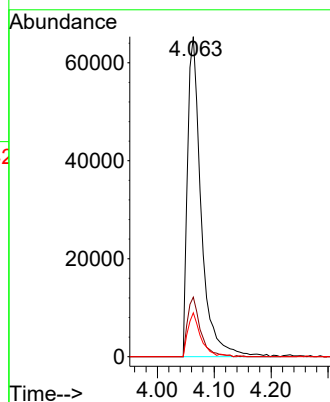
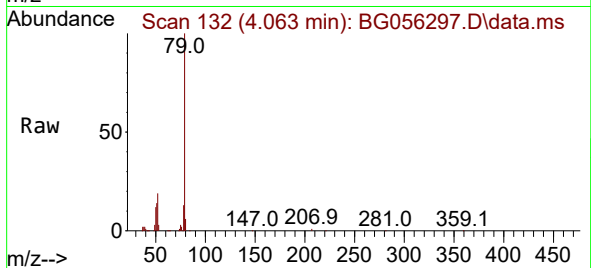




#3
 Pyridine
 Concen: 29.554 ng
 RT: 4.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

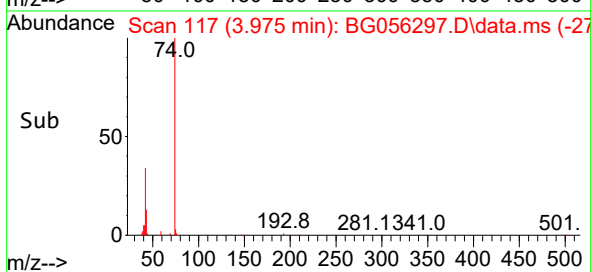
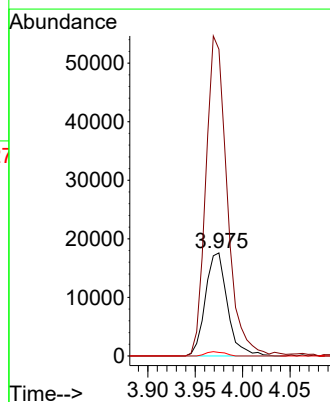
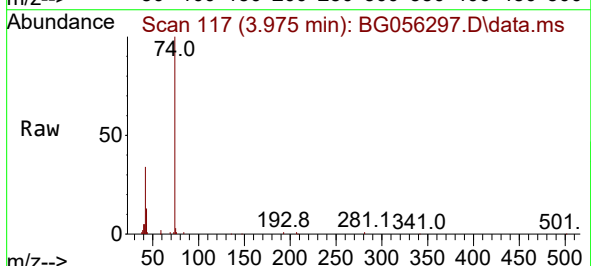
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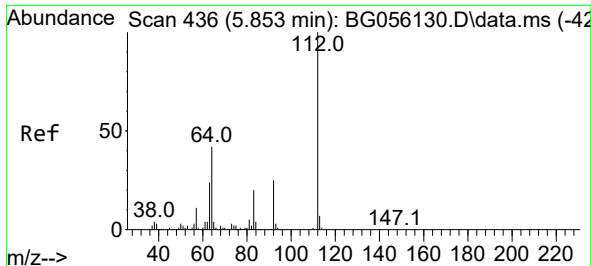
Tgt Ion: 79 Resp: 108983
 Ion Ratio Lower Upper
 79 100
 52 18.6 11.8 17.6#
 51 13.7 8.8 13.2#



#4
 n-Nitrosodimethylamine
 Concen: 37.908 ng
 RT: 3.975 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion: 42 Resp: 28436
 Ion Ratio Lower Upper
 42 100
 74 297.5 212.6 319.0
 44 3.5 2.6 3.8

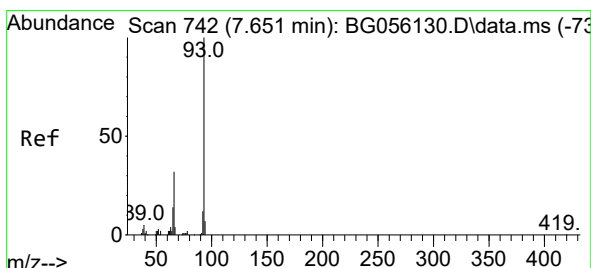
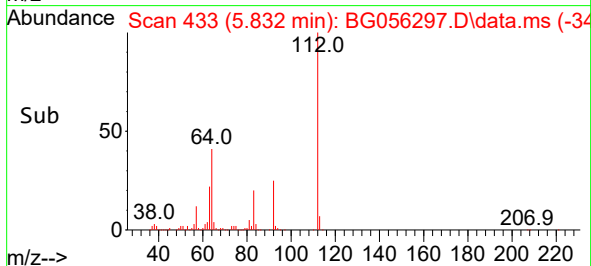
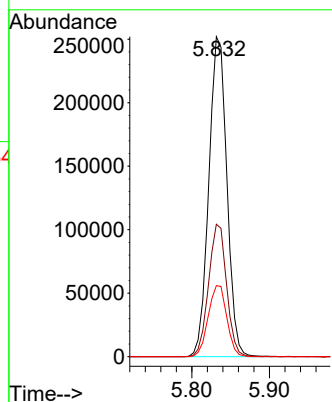
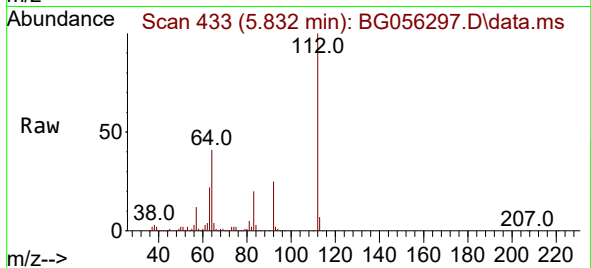




#5
2-Fluorophenol
Concen: 154.168 ng
RT: 5.832 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

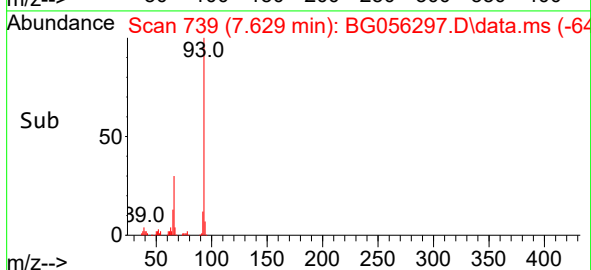
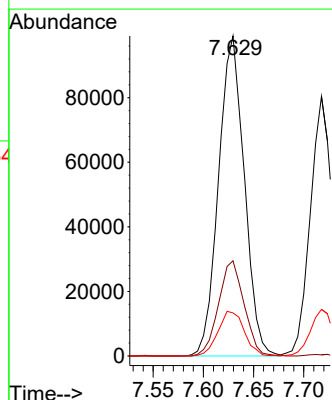
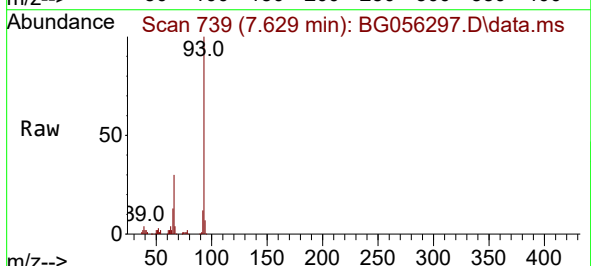
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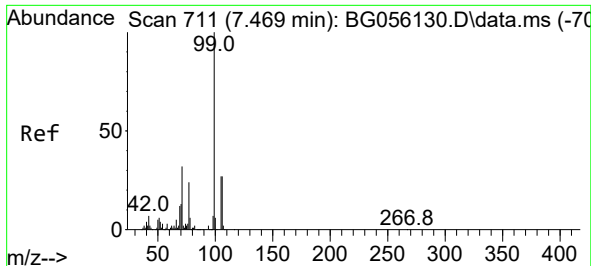
Tgt Ion:112 Resp: 408651
Ion Ratio Lower Upper
112 100
64 41.4 33.3 49.9
63 22.2 19.0 28.4



#6
Aniline
Concen: 33.077 ng
RT: 7.629 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 93 Resp: 176572
Ion Ratio Lower Upper
93 100
66 29.8 25.4 38.2
65 13.4 11.4 17.2

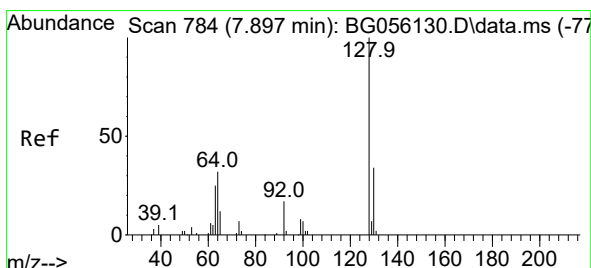
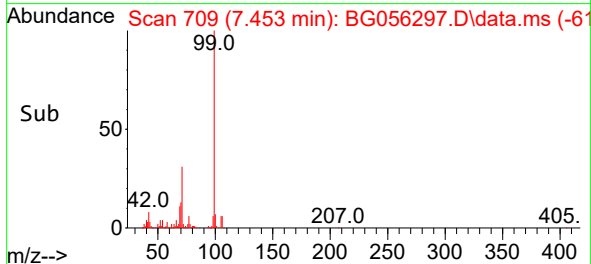
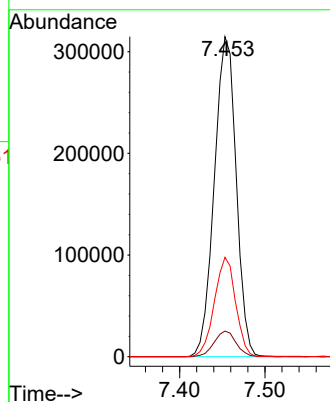
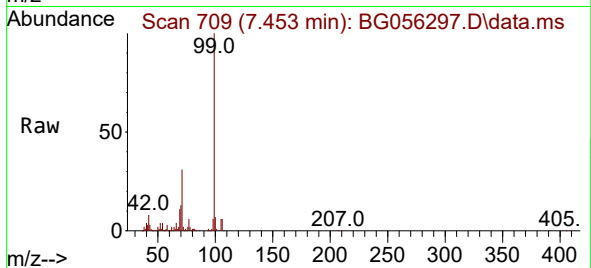




#7
Phenol-d6
Concen: 137.620 ng
RT: 7.453 min Scan# 709
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

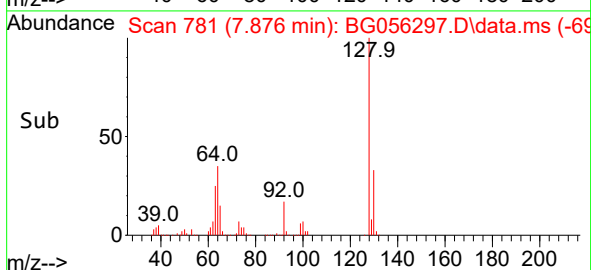
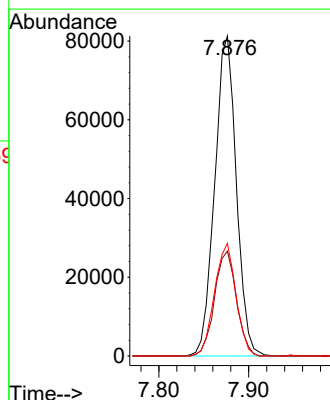
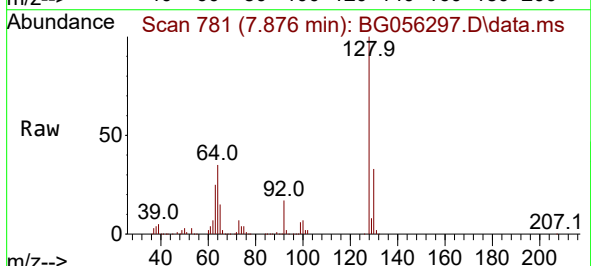
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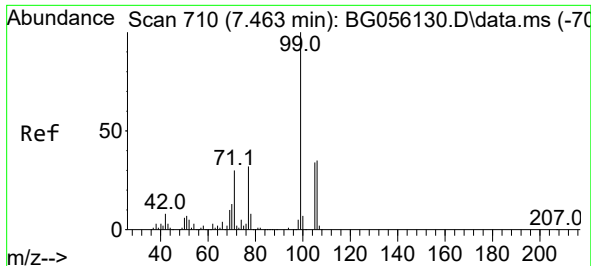
Tgt Ion: 99 Resp: 560209
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 31.1 25.4 38.2



#8
2-Chlorophenol
Concen: 51.425 ng
RT: 7.876 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:128 Resp: 135644
Ion Ratio Lower Upper
128 100
130 32.7 13.5 53.5
64 35.2 18.0 58.0

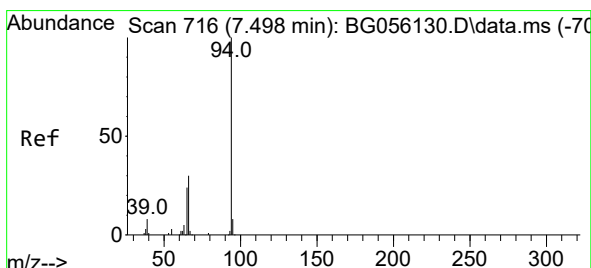
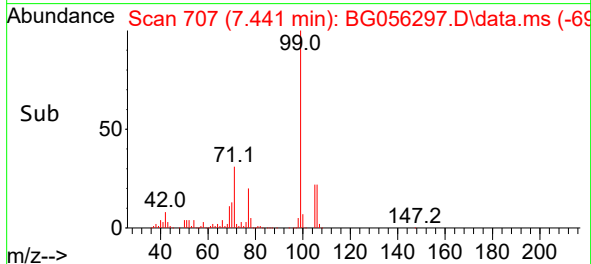
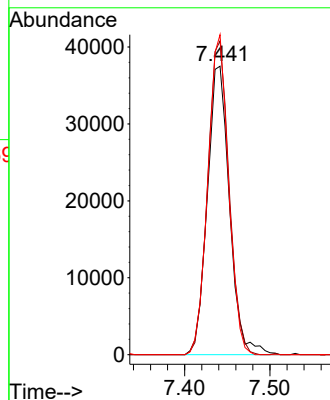
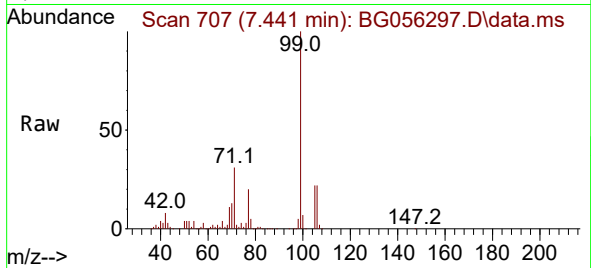




#9
Benzaldehyde
Concen: 28.047 ng
RT: 7.441 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

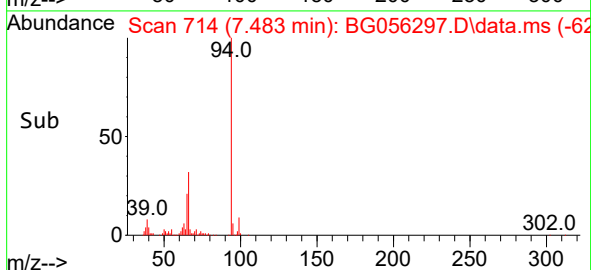
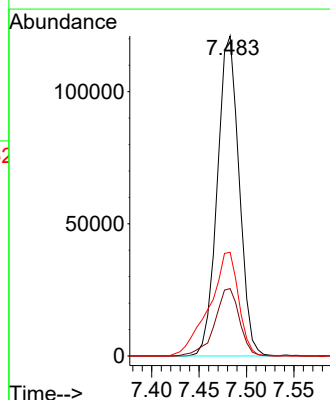
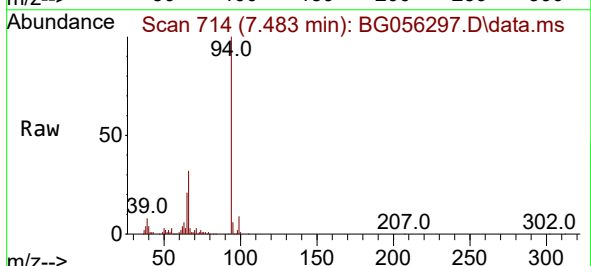
Instrument :
BNA_G
ClientSampleId :
PB150244BS

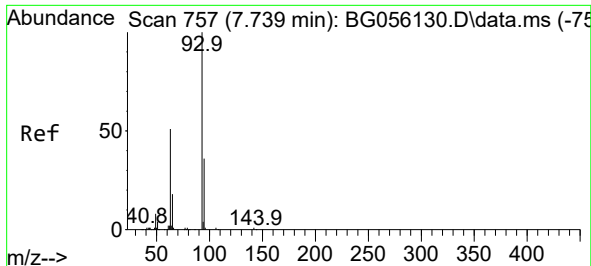
Tgt Ion: 77 Resp: 67885
Ion Ratio Lower Upper
77 100
105 108.7 86.8 126.8
106 110.9 89.3 129.3



#10
Phenol
Concen: 46.946 ng
RT: 7.483 min Scan# 714
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 94 Resp: 193805
Ion Ratio Lower Upper
94 100
65 21.0 4.3 44.3
66 32.4 13.2 53.2

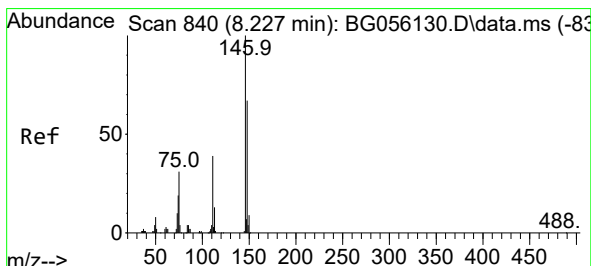
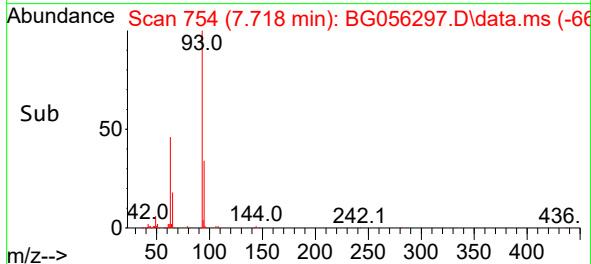
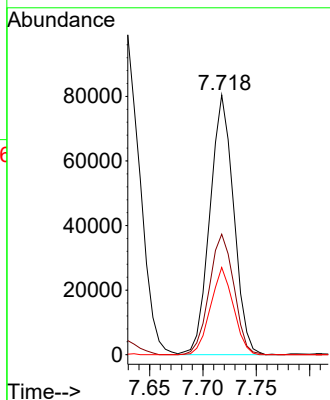
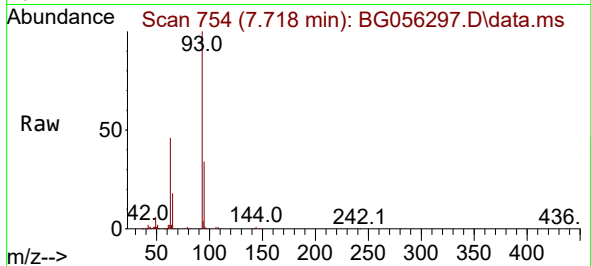




#11
bis(2-Chloroethyl)ether
Concen: 44.568 ng
RT: 7.718 min Scan# 718
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

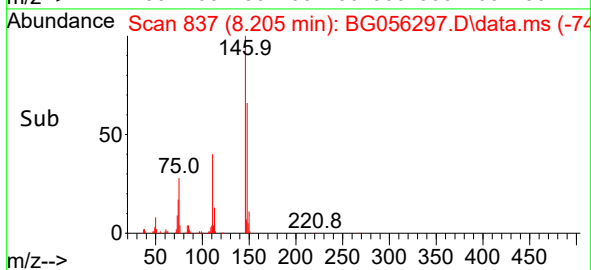
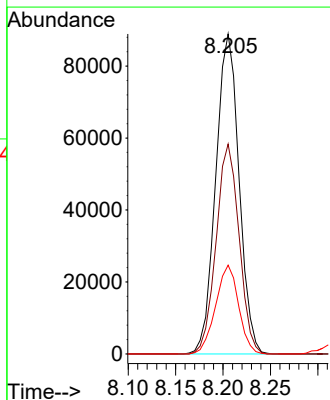
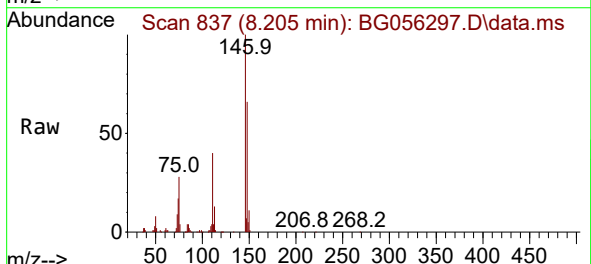
Instrument :
BNA_G
ClientSampleId :
PB150244BS

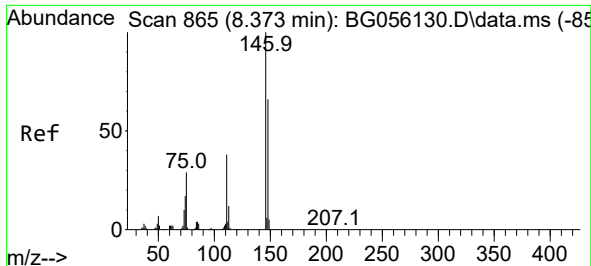
Tgt Ion: 93 Resp: 124683
Ion Ratio Lower Upper
93 100
63 46.4 30.5 70.5
95 33.6 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 47.297 ng
RT: 8.205 min Scan# 837
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 146 Resp: 151834
Ion Ratio Lower Upper
146 100
148 65.6 53.5 80.3
75 27.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.964 ng

RT: 8.352 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

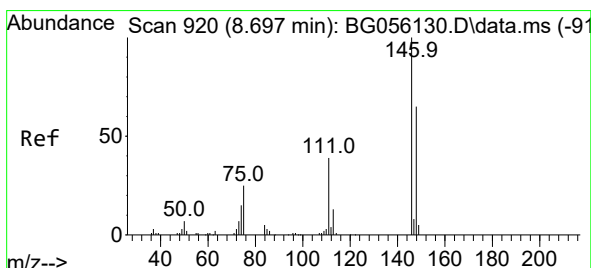
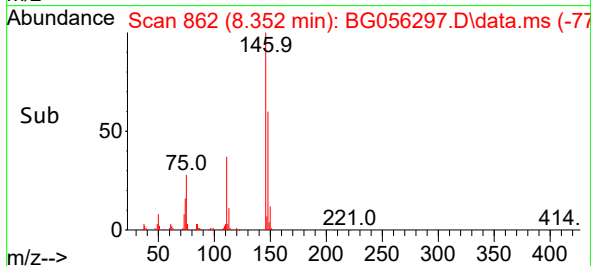
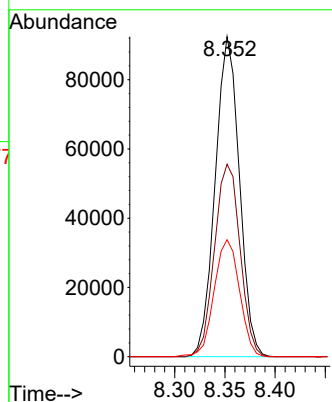
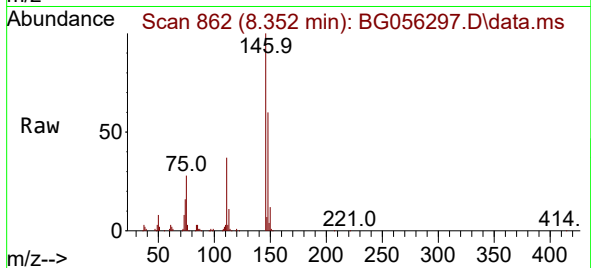
Tgt Ion:146 Resp: 154621

Ion Ratio Lower Upper

146 100

148 60.2 52.8 79.2

111 36.5 30.5 45.7



#14

1,2-Dichlorobenzene

Concen: 48.454 ng

RT: 8.675 min Scan# 917

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

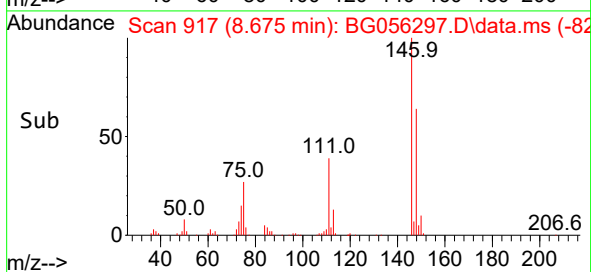
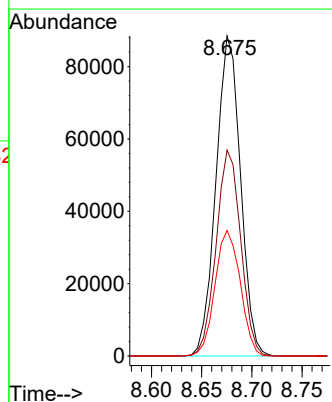
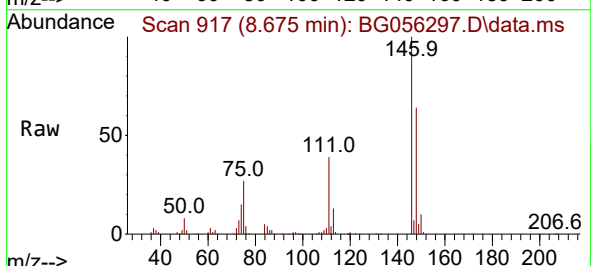
Tgt Ion:146 Resp: 150717

Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

111 39.2 31.5 47.3

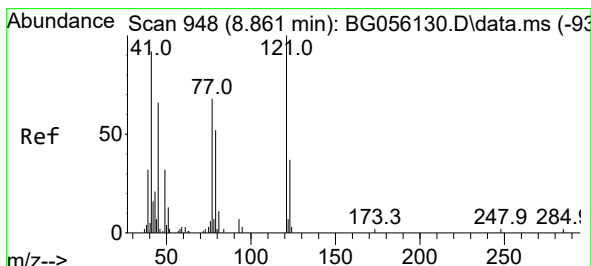
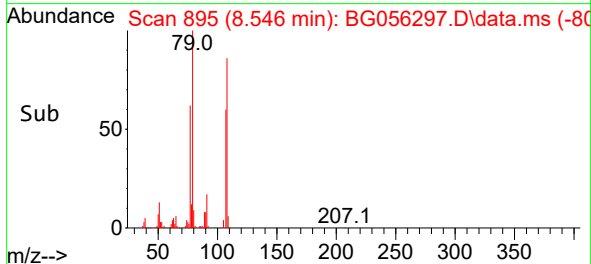
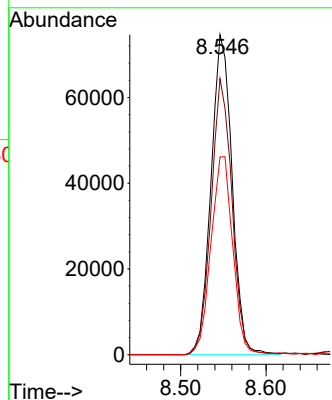
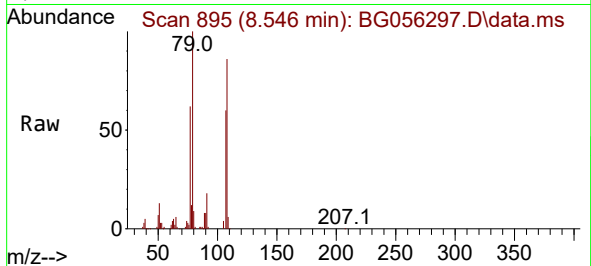




#15
Benzyl Alcohol
Concen: 43.220 ng
RT: 8.546 min Scan# 895
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

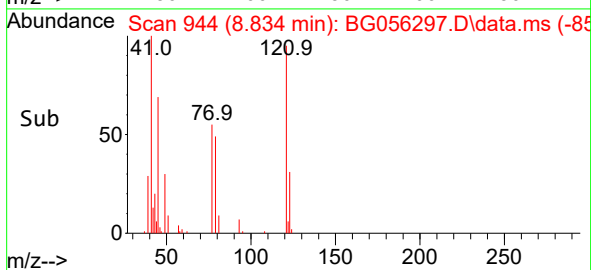
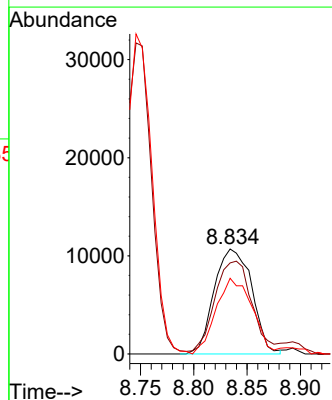
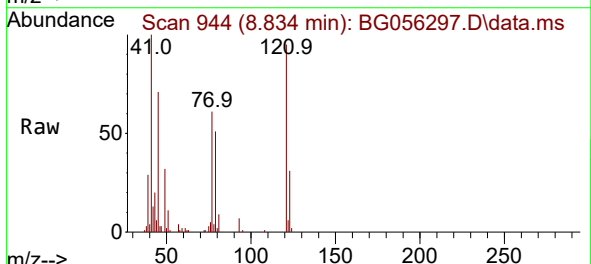
Instrument :
BNA_G
ClientSampleId :
PB150244BS

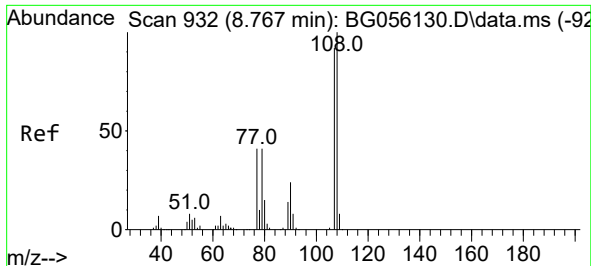
Tgt Ion: 79 Resp: 128046
Ion Ratio Lower Upper
79 100
108 86.3 64.7 97.1
77 61.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.164 ng
RT: 8.834 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 45 Resp: 26283
Ion Ratio Lower Upper
45 100
77 86.8 88.2 128.2#
79 72.2 61.2 101.2





#17

2-Methylphenol

Concen: 45.049 ng

RT: 8.752 min Scan# 91

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

Tgt Ion:107 Resp: 136462

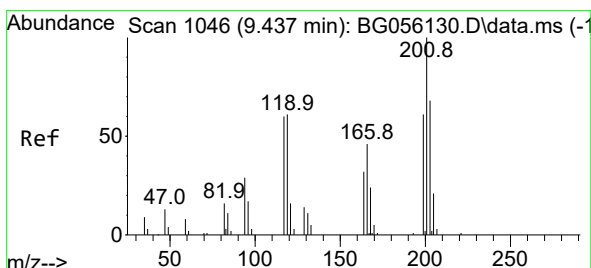
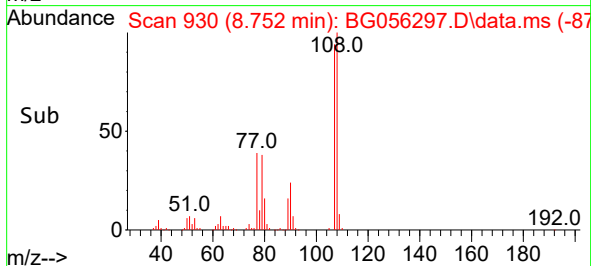
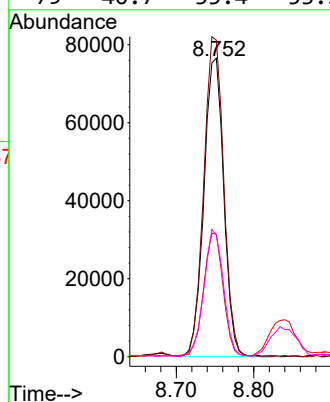
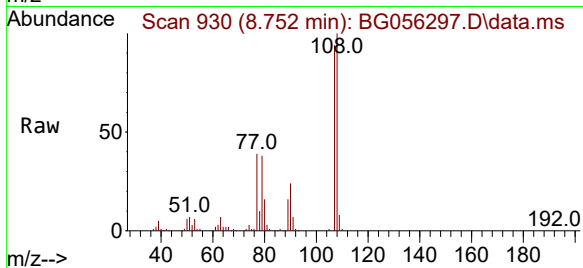
Ion Ratio Lower Upper

107 100

108 106.0 86.6 129.8

77 41.0 35.4 53.2

79 40.7 35.4 53.2



#18

Hexachloroethane

Concen: 46.689 ng

RT: 9.416 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

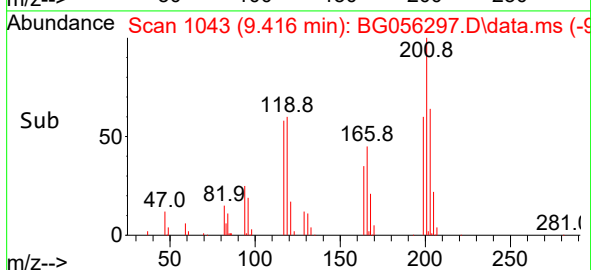
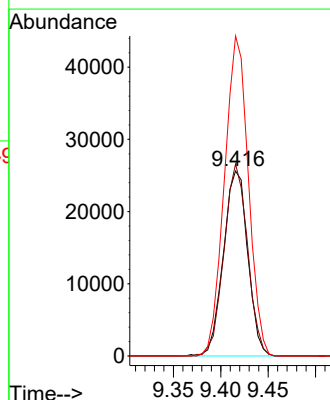
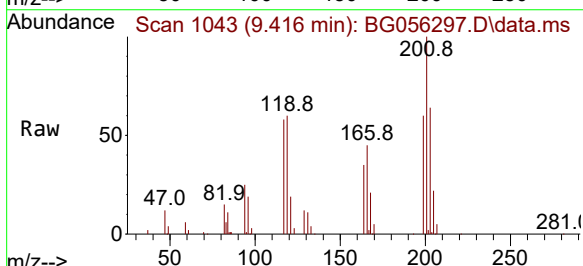
Tgt Ion:117 Resp: 45723

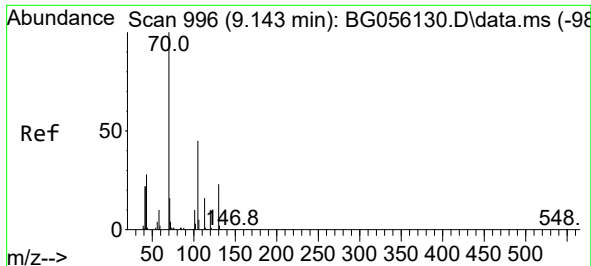
Ion Ratio Lower Upper

117 100

119 103.8 81.8 122.6

201 177.0 134.2 201.2

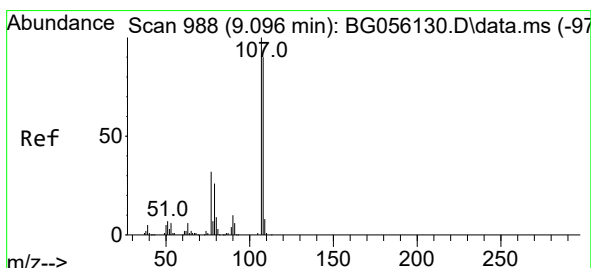
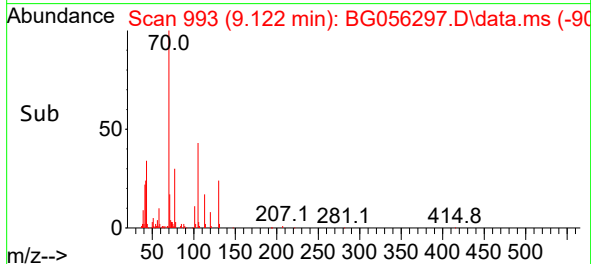
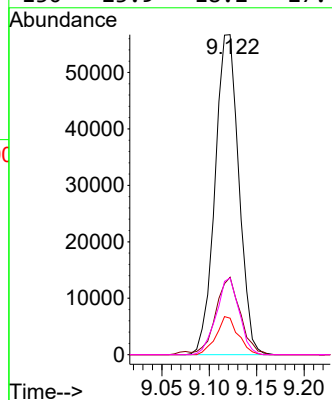
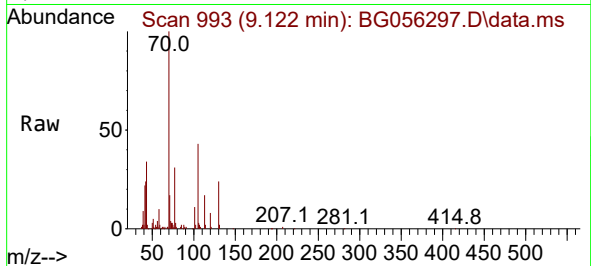




#19
n-Nitroso-di-n-propylamine
Concen: 39.949 ng
RT: 9.122 min Scan# 996
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

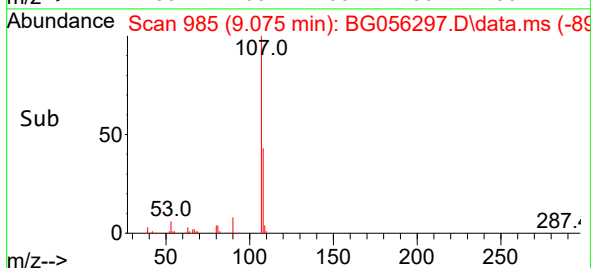
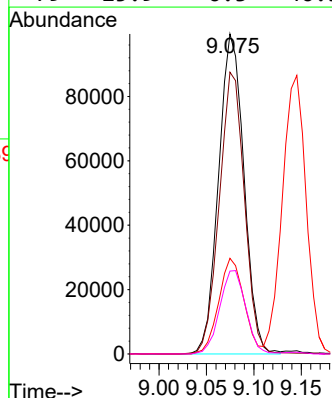
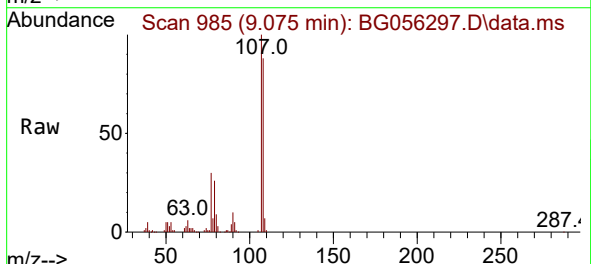
Instrument :
BNA_G
ClientSampleId :
PB150244BS

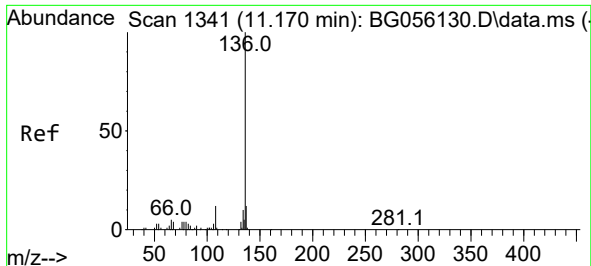
Tgt Ion:	70	Resp:	98887
Ion	Ratio	Lower	Upper
70	100		
42	24.2	18.2	27.2
101	11.4	8.3	12.5
130	23.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.509 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:	107	Resp:	185301
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.6	109.6
77	29.9	11.7	51.7
79	25.9	6.3	46.3

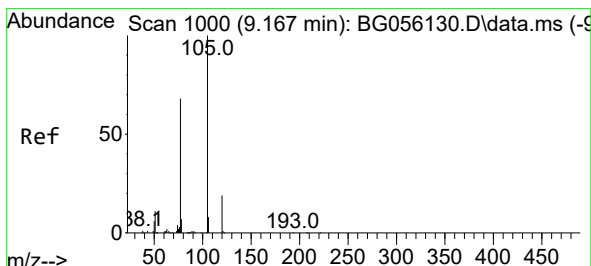
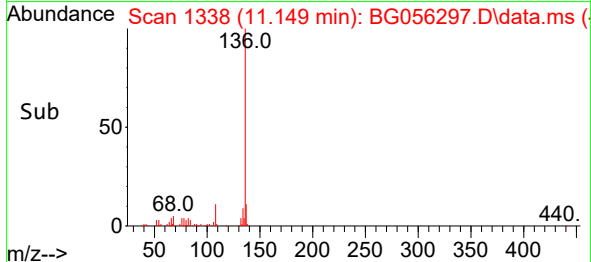
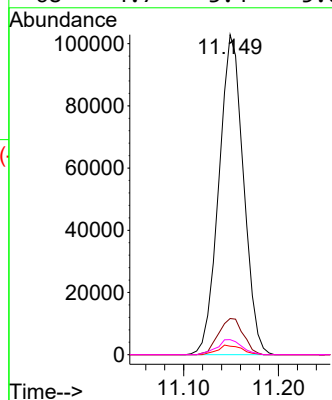
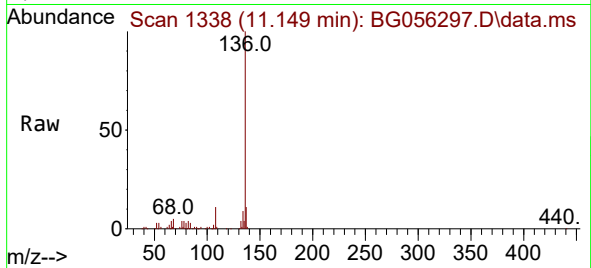




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

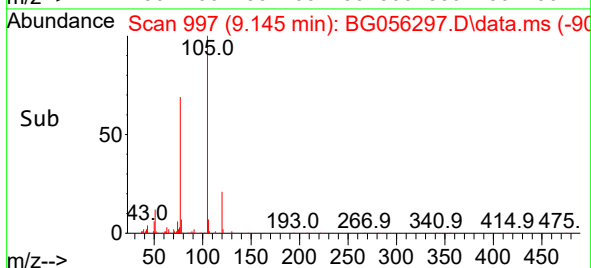
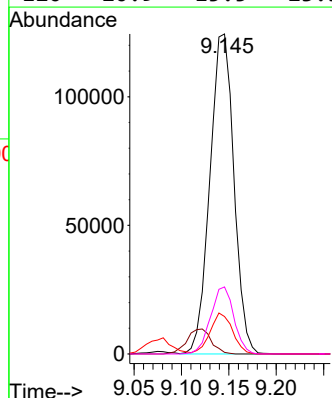
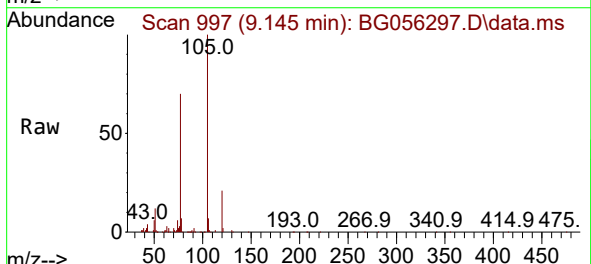
Instrument :
BNA_G
ClientSampleId :
PB150244BS

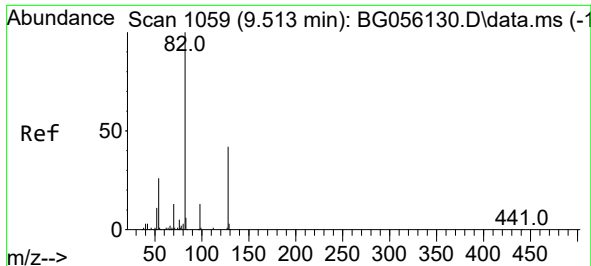
Tgt Ion:136 Resp: 185120
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.7 2.2 3.2
68 4.7 3.4 5.0



#22
Acetophenone
Concen: 41.907 ng
RT: 9.145 min Scan# 997
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:105 Resp: 219352
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7
51 11.7 9.3 13.9
120 20.9 15.5 23.3

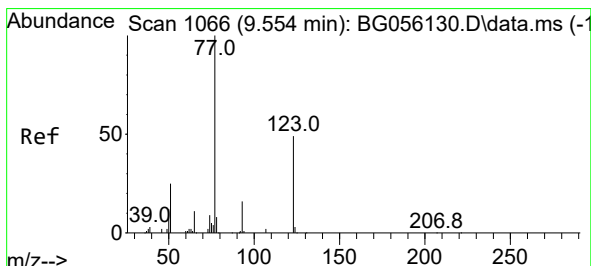
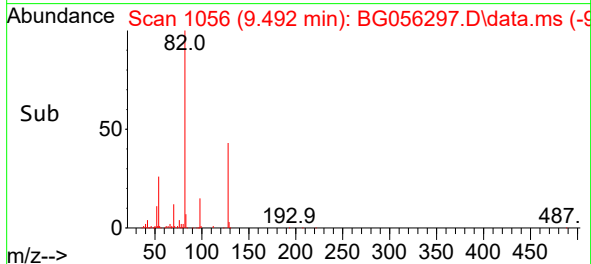
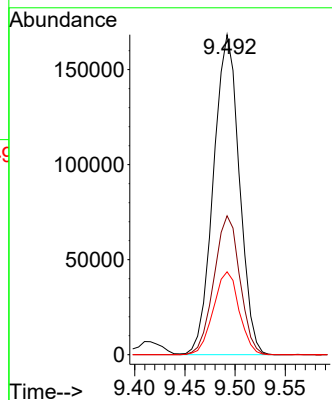
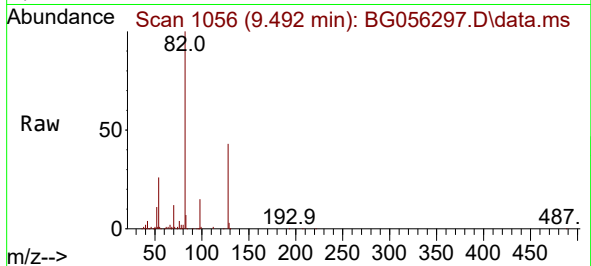




#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

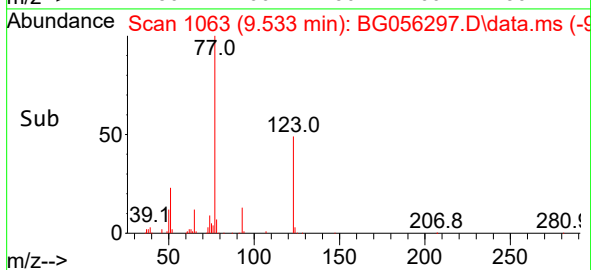
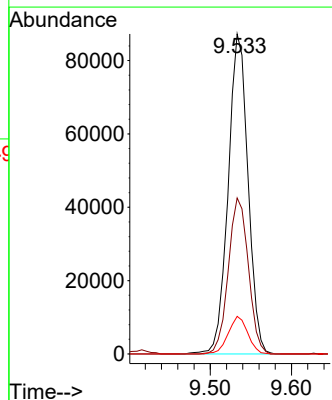
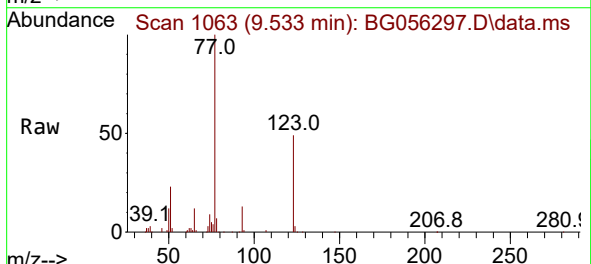
Instrument :
BNA_G
ClientSampleId :
PB150244BS

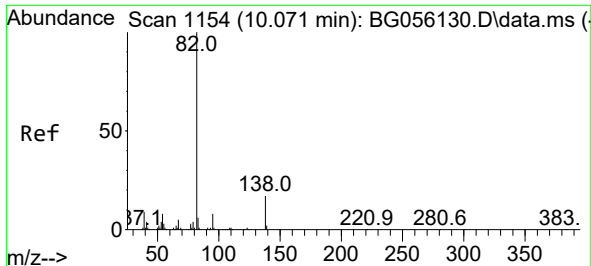
Tgt Ion: 82 Resp: 301932
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 25.9 20.3 30.5



#24
Nitrobenzene
Concen: 41.197 ng
RT: 9.533 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 77 Resp: 147752
Ion Ratio Lower Upper
77 100
123 48.8 38.8 58.2
65 11.8 9.1 13.7

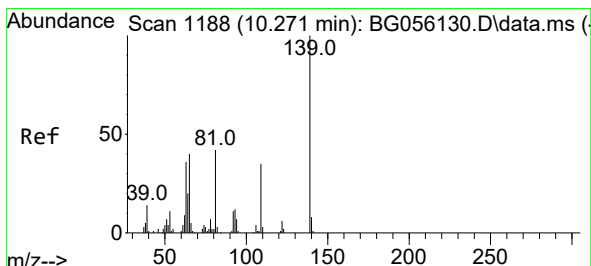
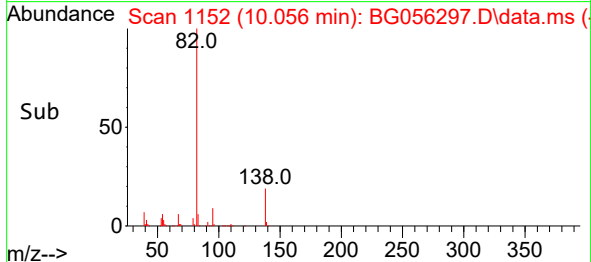
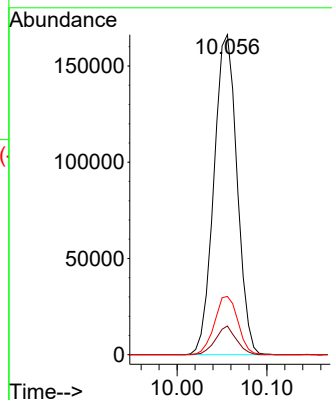
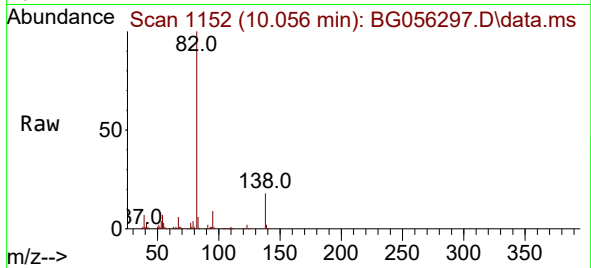




#25
Isophorone
Concen: 39.054 ng
RT: 10.056 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

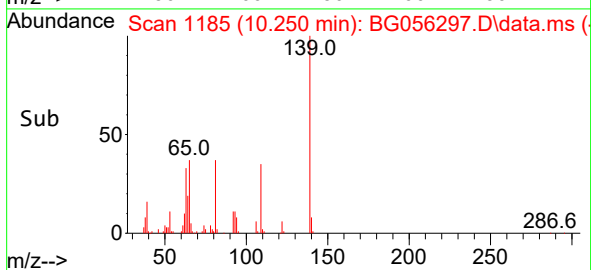
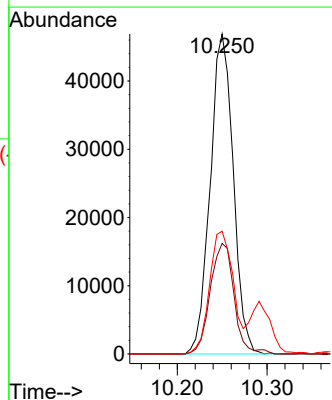
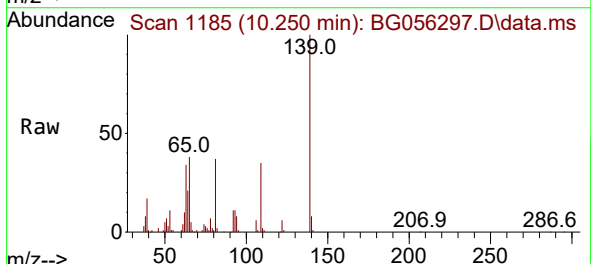
Instrument :
BNA_G
ClientSampleId :
PB150244BS

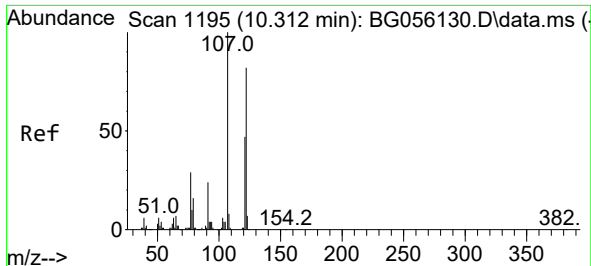
Tgt Ion: 82 Resp: 297382
Ion Ratio Lower Upper
82 100
95 8.9 6.7 10.1
138 18.2 13.7 20.5



#26
2-Nitrophenol
Concen: 45.557 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 139 Resp: 83599
Ion Ratio Lower Upper
139 100
109 34.5 28.4 42.6
65 38.4 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 45.021 ng

RT: 10.291 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BG056297.D

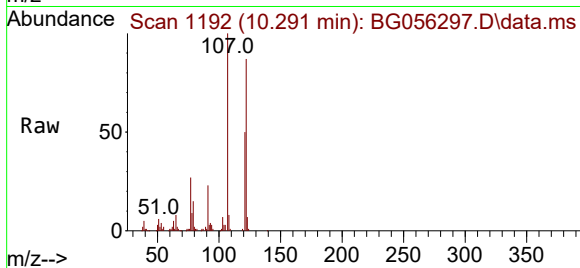
Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS



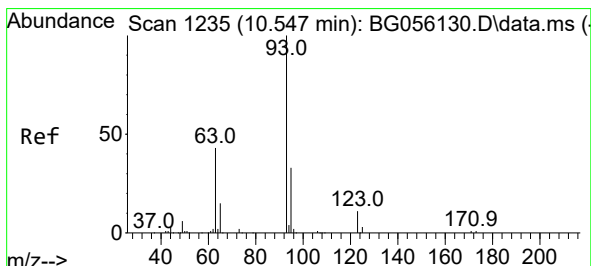
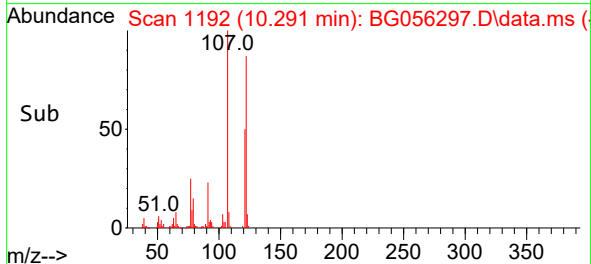
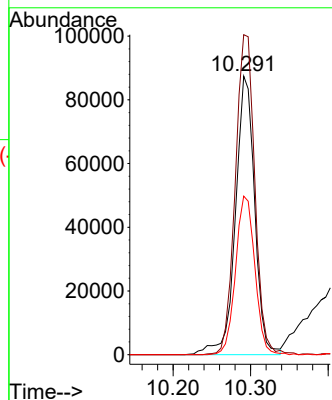
Tgt Ion:122 Resp: 150684

Ion Ratio Lower Upper

122 100

107 114.8 97.5 146.3

121 56.9 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.755 ng

RT: 10.532 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

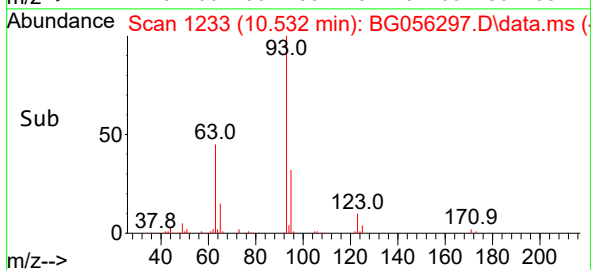
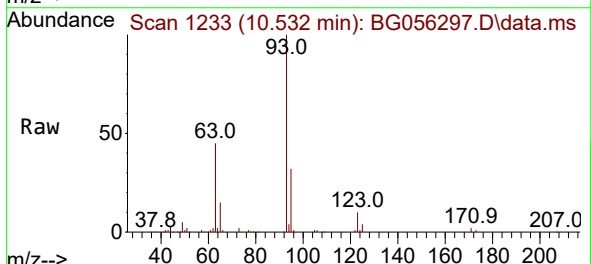
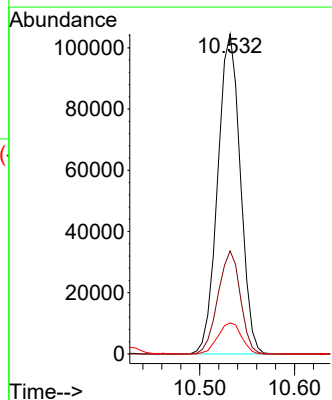
Tgt Ion: 93 Resp: 173166

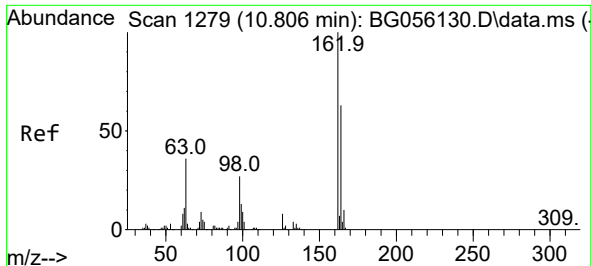
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 9.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 46.376 ng

RT: 10.785 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

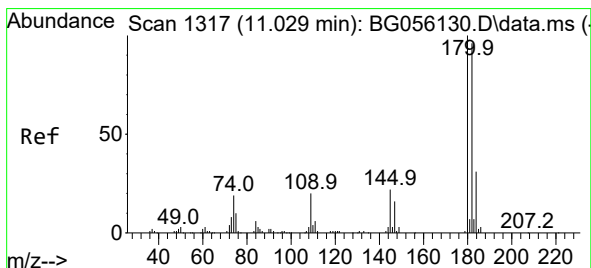
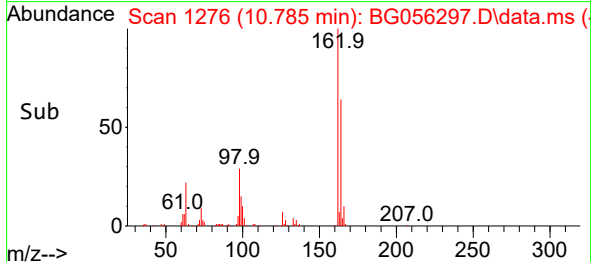
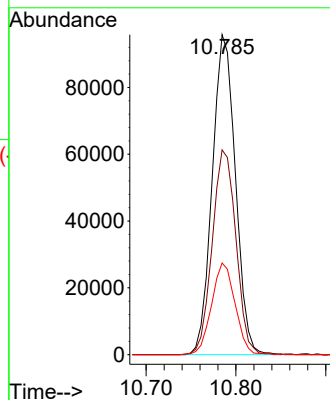
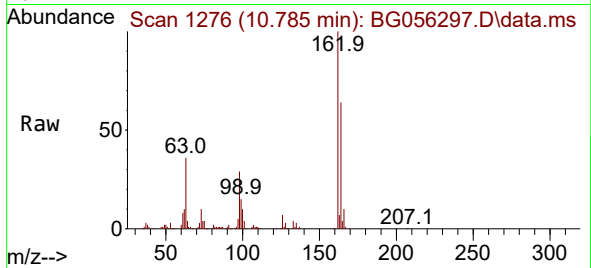
Tgt Ion:162 Resp: 171601

Ion Ratio Lower Upper

162 100

164 64.0 43.3 83.3

98 28.6 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 44.848 ng

RT: 11.008 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

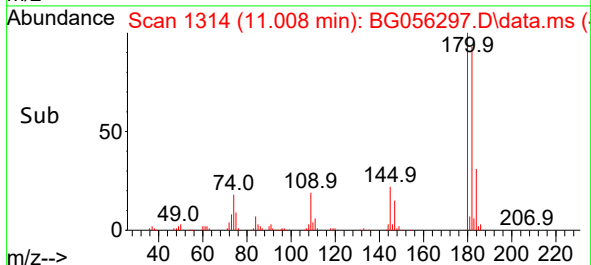
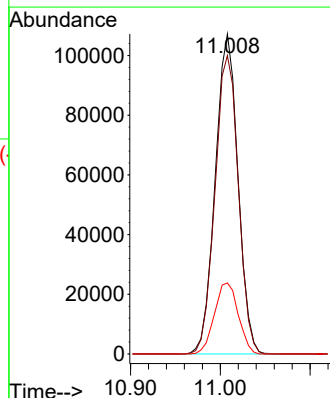
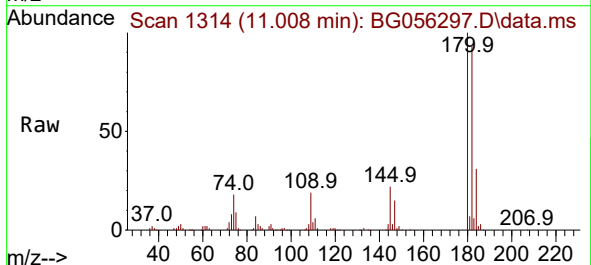
Tgt Ion:180 Resp: 188317

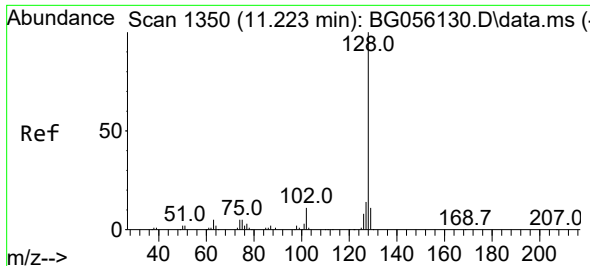
Ion Ratio Lower Upper

180 100

182 93.3 77.0 115.4

145 22.2 17.4 26.2

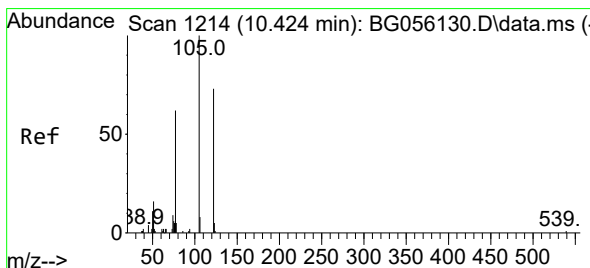
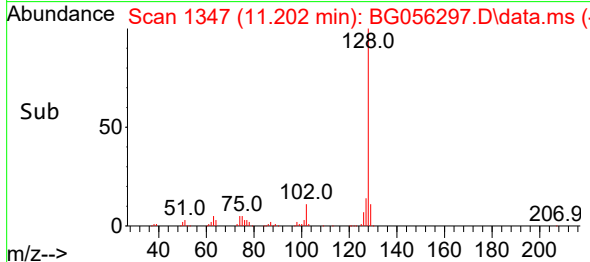
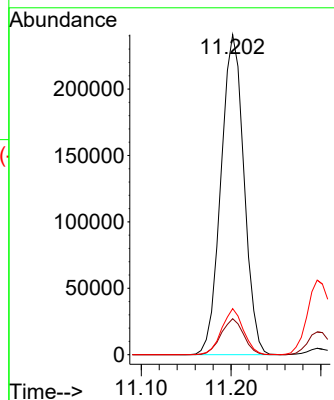
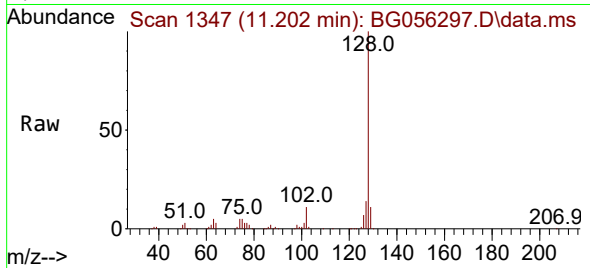




#31
Naphthalene
Concen: 43.992 ng
RT: 11.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

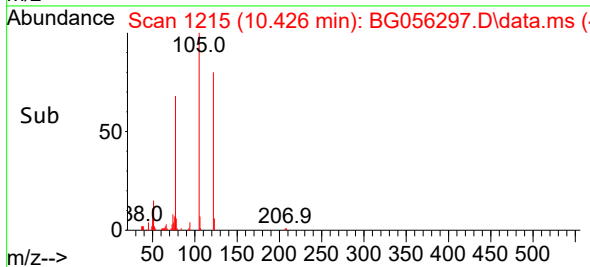
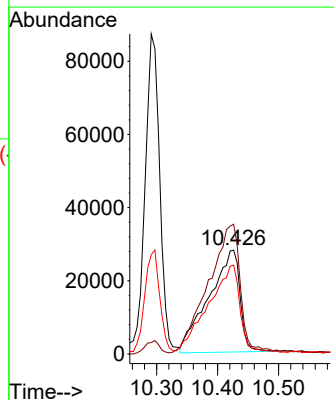
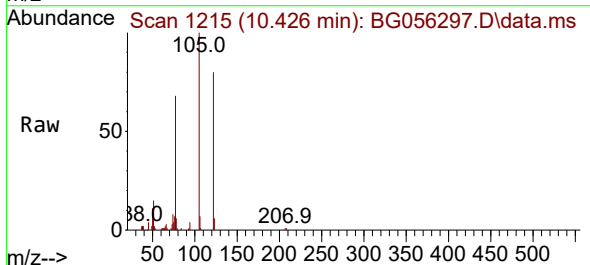
Instrument :
BNA_G
ClientSampleId :
PB150244BS

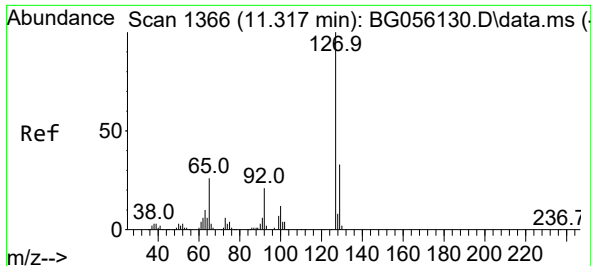
Tgt Ion:128 Resp: 428596
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 14.4 11.2 16.8



#32
Benzoic acid
Concen: 39.895 ng
RT: 10.426 min Scan# 1215
Delta R.T. 0.012 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:122 Resp: 99072
Ion Ratio Lower Upper
122 100
105 124.9 109.0 149.0
77 85.5 63.1 103.1

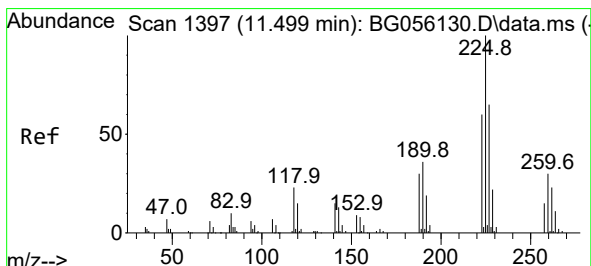
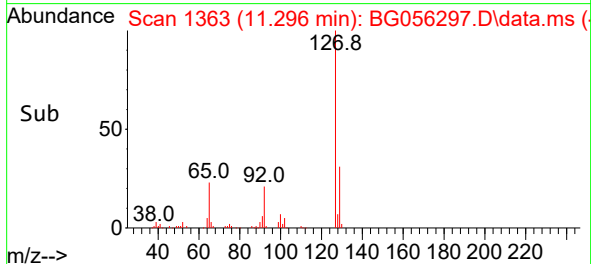
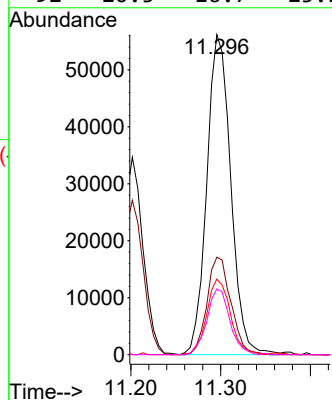
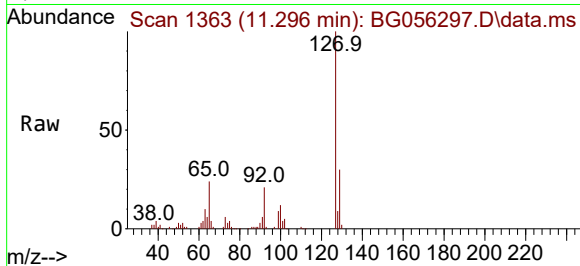




#33
4-Chloroaniline
Concen: 22.405 ng
RT: 11.296 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

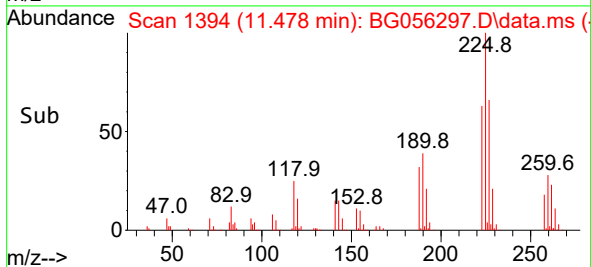
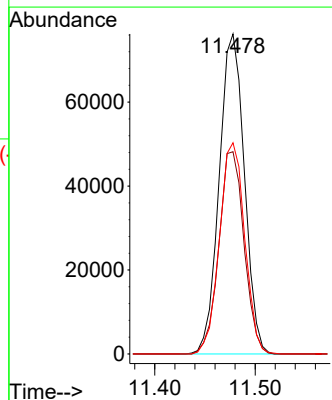
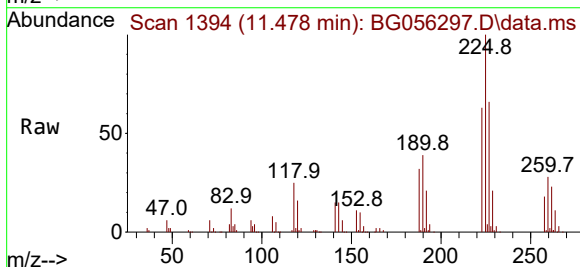
Instrument :
BNA_G
ClientSampleId :
PB150244BS

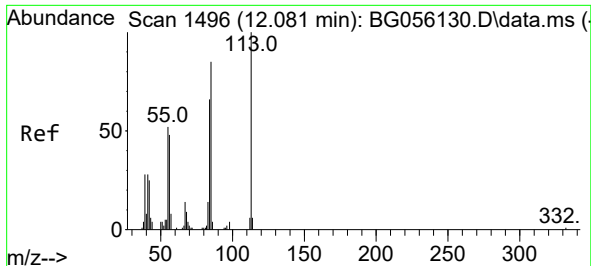
Tgt Ion:	127	Resp:	104216
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.1	39.1
65	23.6	20.9	31.3
92	20.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 43.867 ng
RT: 11.478 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:	225	Resp:	132479
Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.7	71.5
227	66.0	52.3	78.5

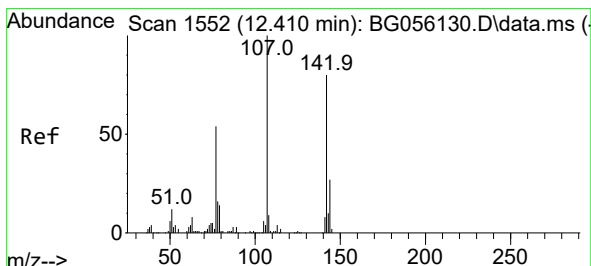
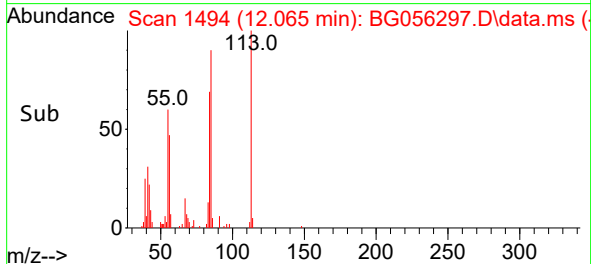
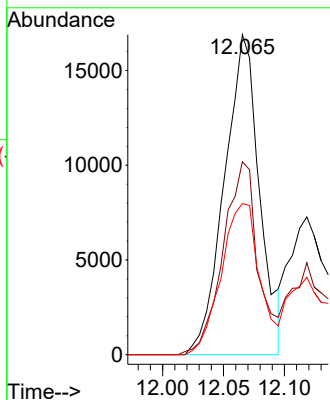
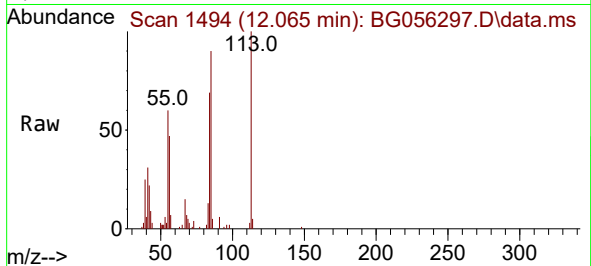




#35
 Caprolactam
 Concen: 27.017 ng
 RT: 12.065 min Scan# 1496
 Delta R.T. 0.006 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

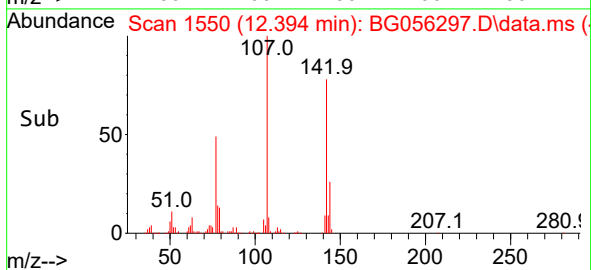
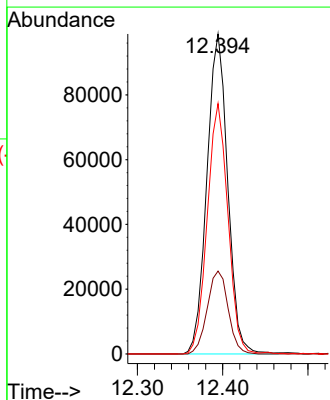
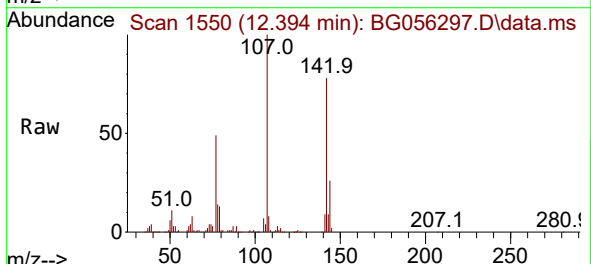
Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

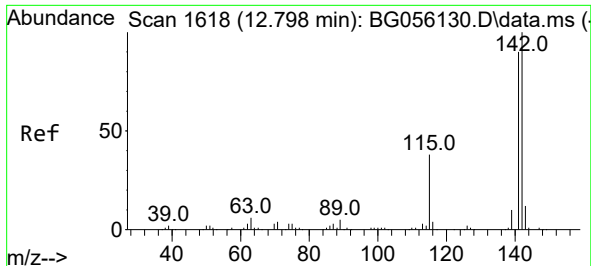
Tgt Ion:113 Resp: 33847
 Ion Ratio Lower Upper
 113 100
 55 60.3 31.9 71.9
 56 47.2 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.642 ng
 RT: 12.394 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion:107 Resp: 167616
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.5 32.3
 142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.395 ng

RT: 12.782 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

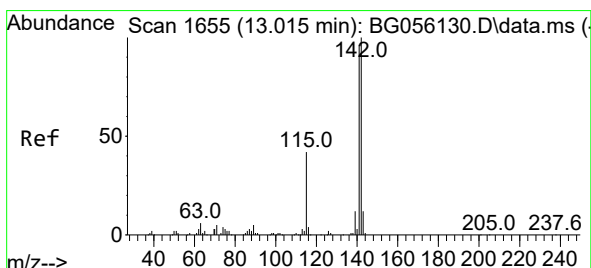
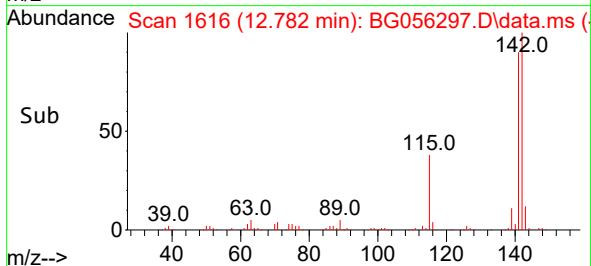
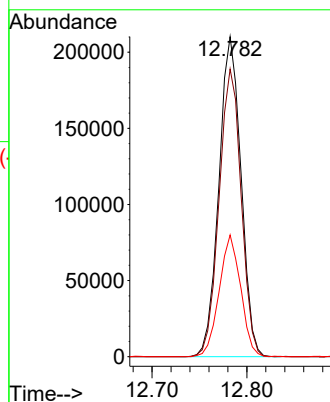
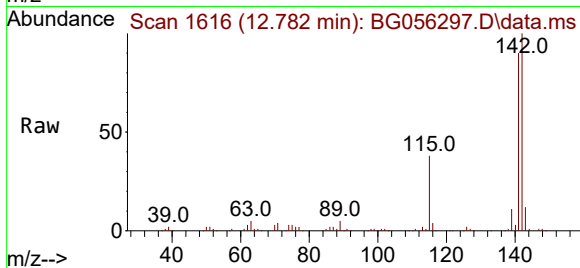
Tgt Ion:142 Resp: 340526

Ion Ratio Lower Upper

142 100

141 89.9 72.2 108.4

115 38.1 30.7 46.1



#38

1-Methylnaphthalene

Concen: 40.811 ng

RT: 13.000 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

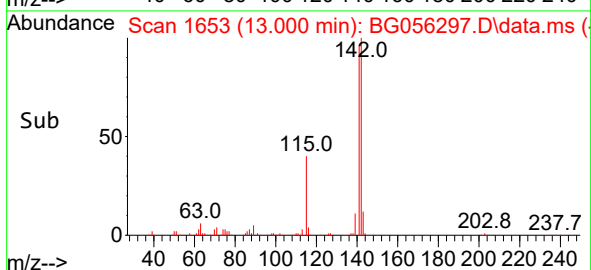
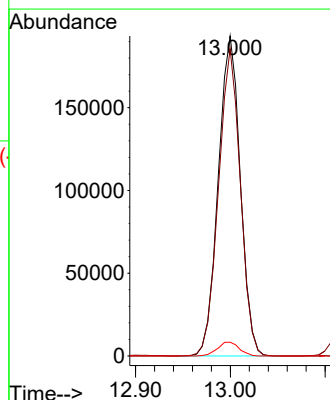
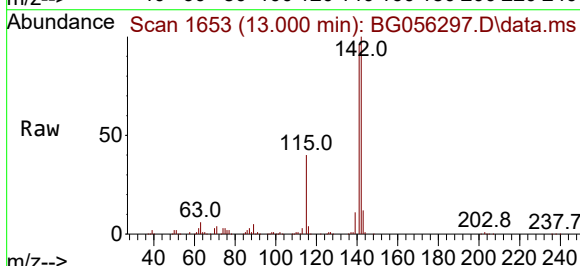
Tgt Ion:142 Resp: 311757

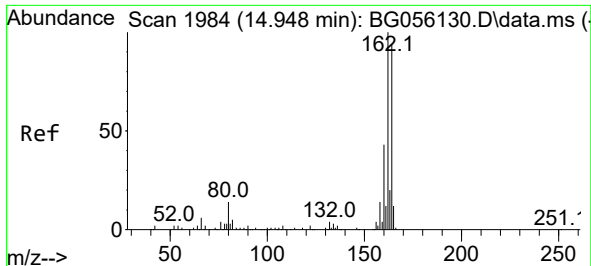
Ion Ratio Lower Upper

142 100

141 96.0 77.0 115.6

116 4.3 3.6 5.4

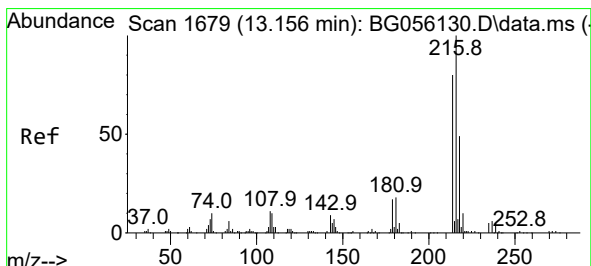
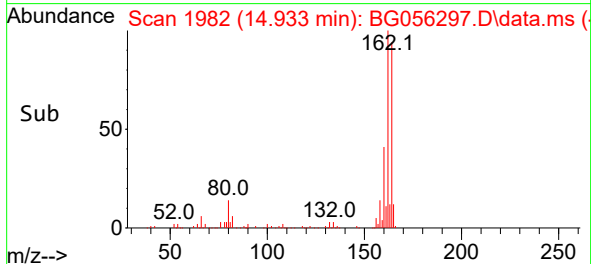
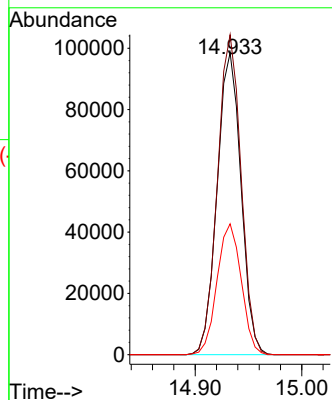
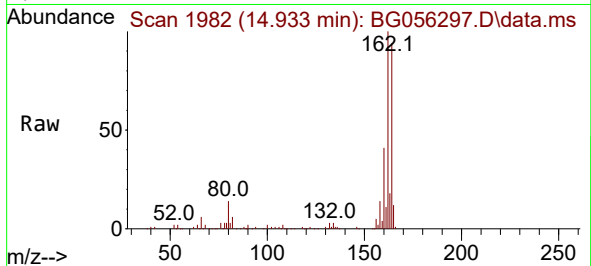




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

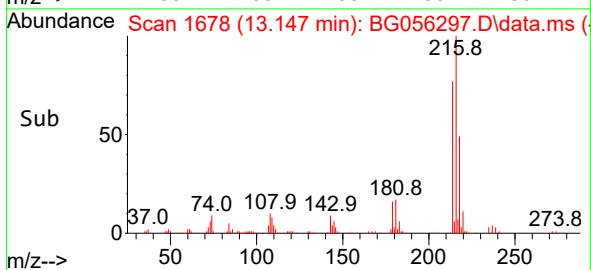
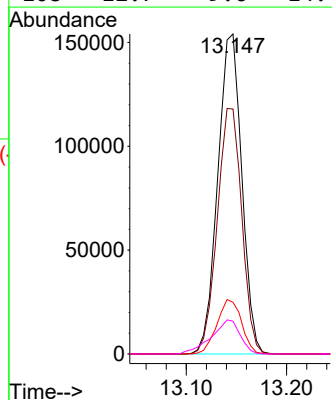
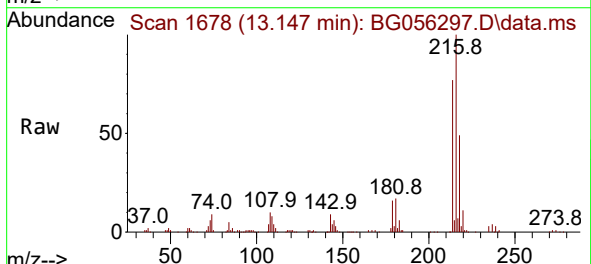
Instrument :
BNA_G
ClientSampleId :
PB150244BS

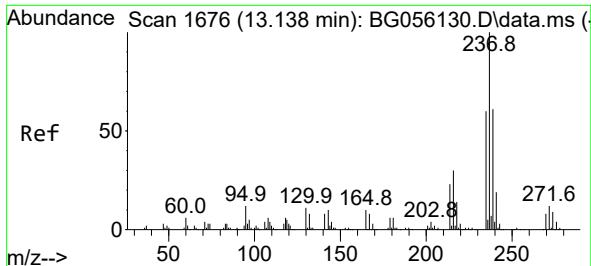
Tgt Ion:164 Resp: 152684
Ion Ratio Lower Upper
164 100
162 106.0 84.7 127.1
160 43.3 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.763 ng
RT: 13.147 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:216 Resp: 256161
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 17.4 13.6 20.4
108 12.7 9.6 14.4

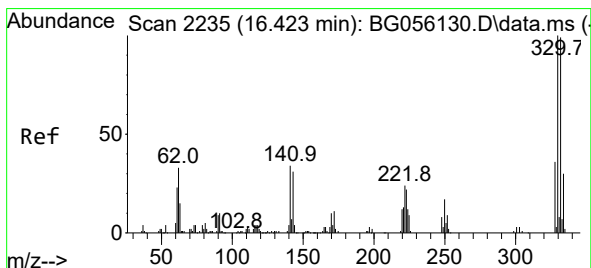
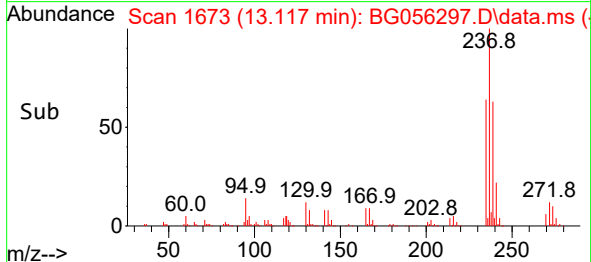
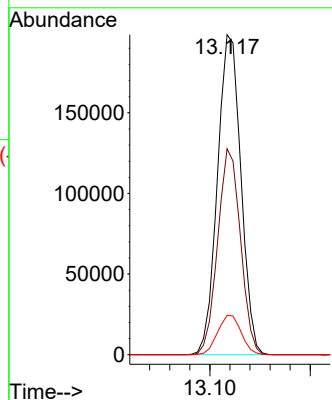
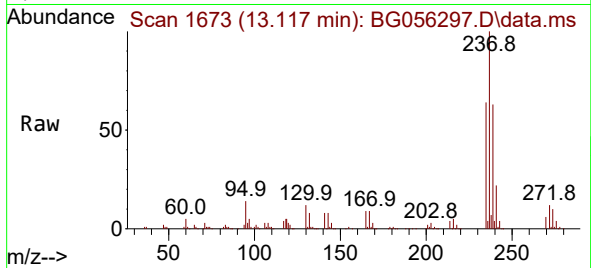




#41
Hexachlorocyclopentadiene
Concen: 98.646 ng
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

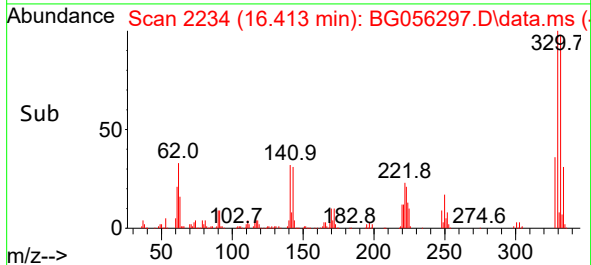
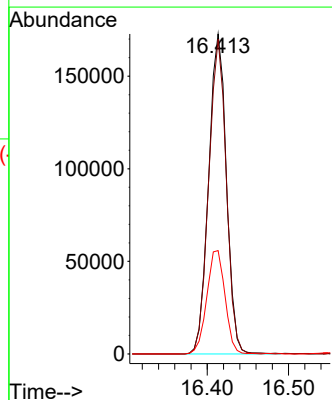
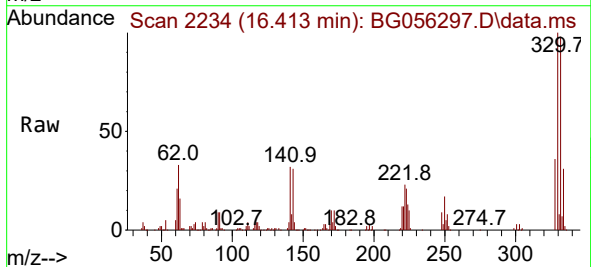
Instrument :
BNA_G
ClientSampleId :
PB150244BS

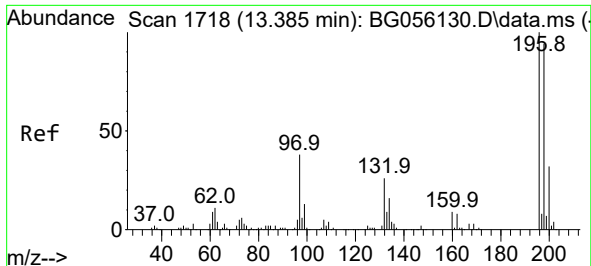
Tgt Ion:237 Resp: 321841
Ion Ratio Lower Upper
237 100
235 64.3 40.3 80.3
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 135.555 ng
RT: 16.413 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:330 Resp: 262125
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.2 27.9 41.9

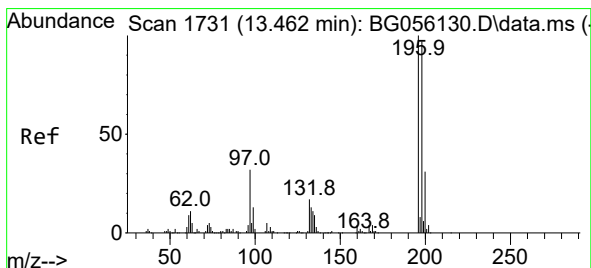
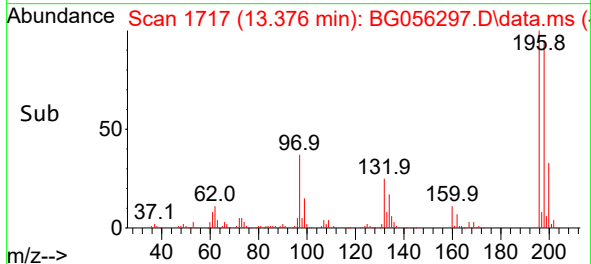
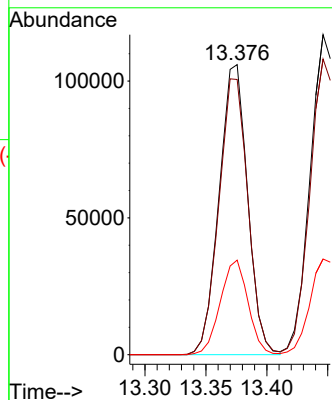
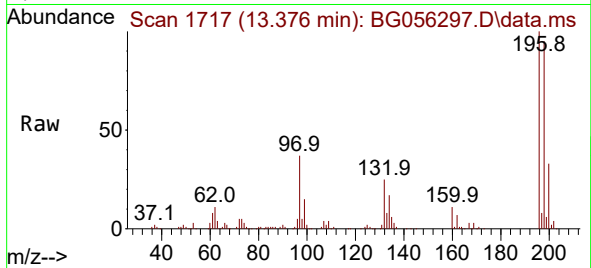




#43
2,4,6-Trichlorophenol
Concen: 45.644 ng
RT: 13.376 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

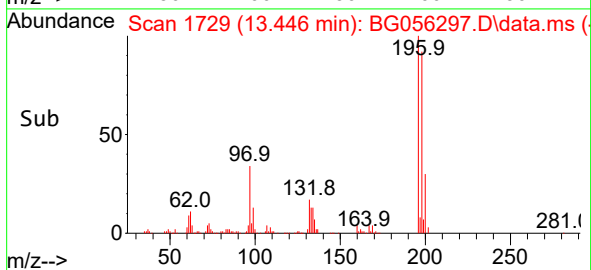
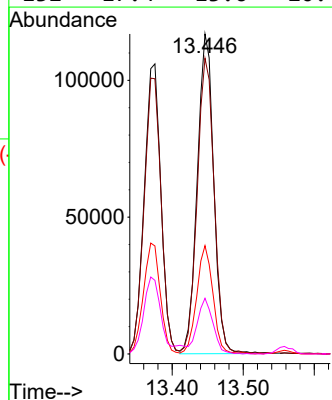
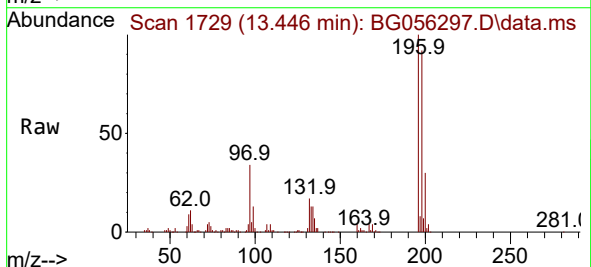
Instrument :
BNA_G
ClientSampleId :
PB150244BS

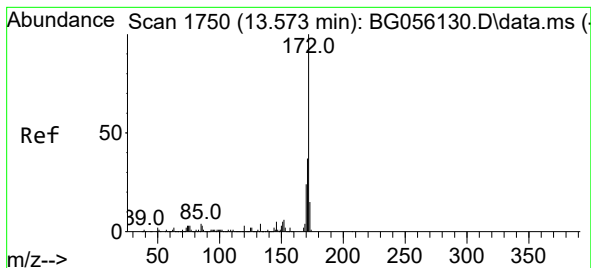
Tgt Ion:196 Resp: 172717
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
200 32.6 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 42.173 ng
RT: 13.446 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:196 Resp: 188774
Ion Ratio Lower Upper
196 100
198 92.4 78.0 117.0
97 33.9 25.7 38.5
132 17.4 13.6 20.4





#45

2-Fluorobiphenyl

Concen: 87.513 ng

RT: 13.558 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

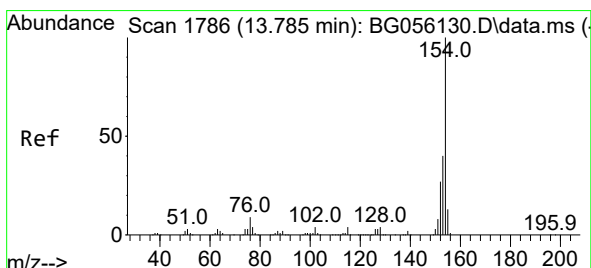
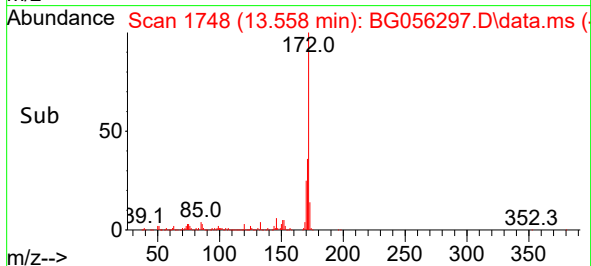
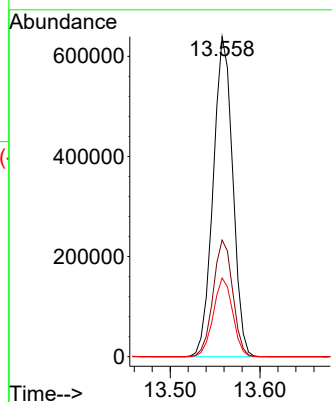
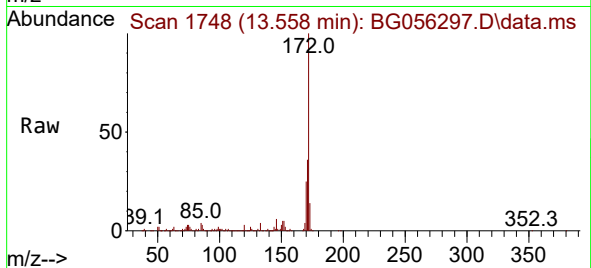
Tgt Ion:172 Resp: 967621

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 44.798 ng

RT: 13.769 min Scan# 1784

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

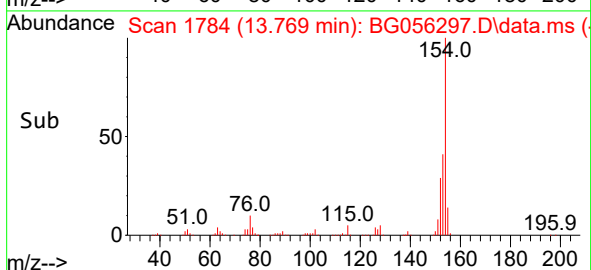
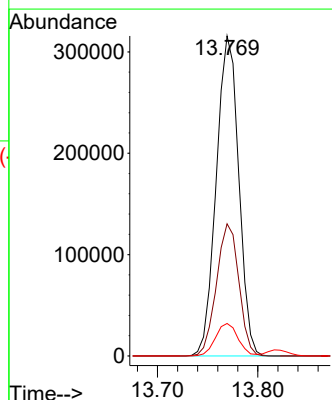
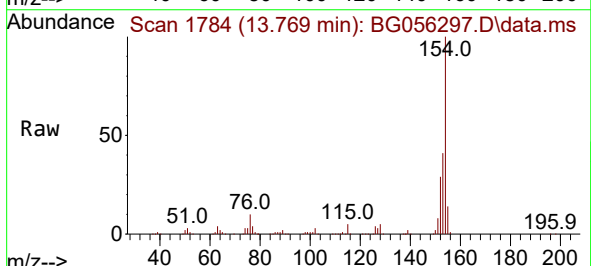
Tgt Ion:154 Resp: 489851

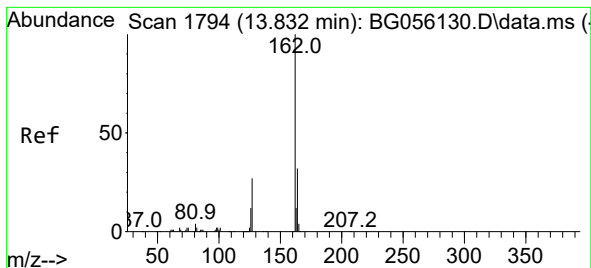
Ion Ratio Lower Upper

154 100

153 41.3 20.0 60.0

76 10.2 0.0 29.3

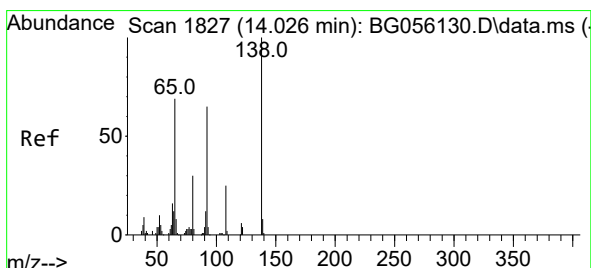
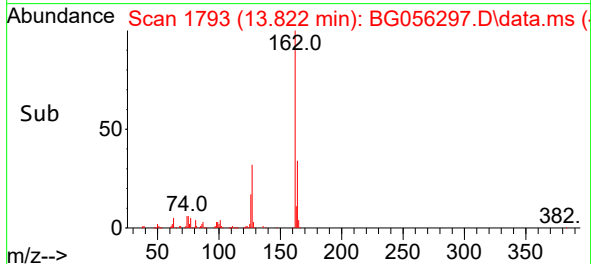
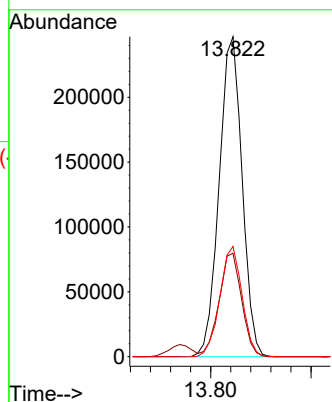
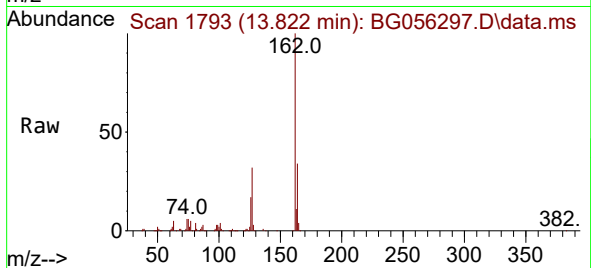




#47
2-Chloronaphthalene
Concen: 45.294 ng
RT: 13.822 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

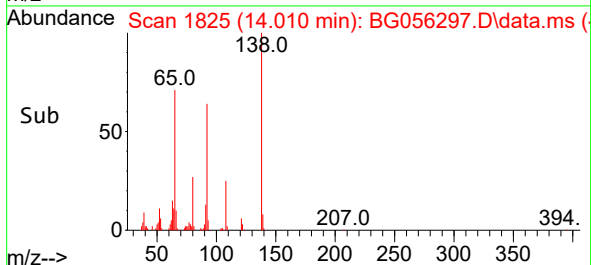
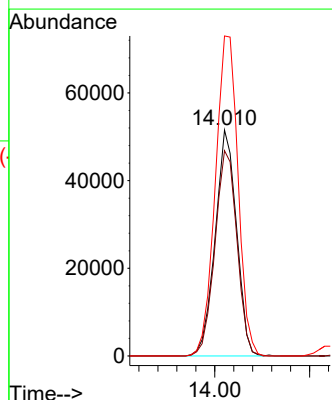
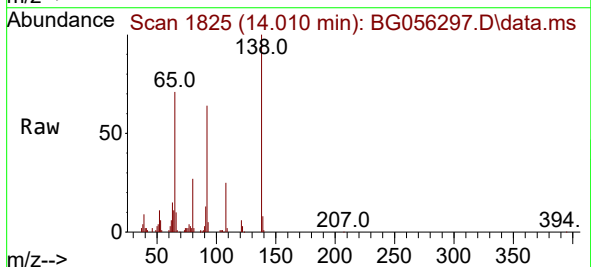
Instrument :
BNA_G
ClientSampleId :
PB150244BS

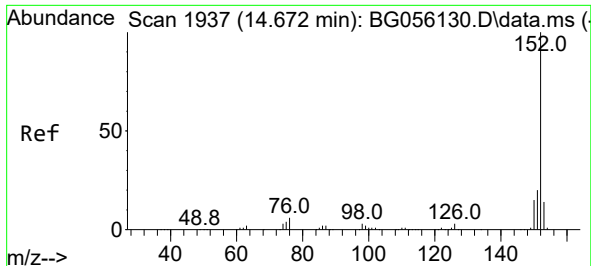
Tgt Ion:162 Resp: 390930
Ion Ratio Lower Upper
162 100
127 32.3 24.6 36.8
164 34.4 25.8 38.8



#48
2-Nitroaniline
Concen: 43.918 ng
RT: 14.010 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion: 65 Resp: 80762
Ion Ratio Lower Upper
65 100
92 90.8 76.0 114.0
138 141.6 116.6 174.8

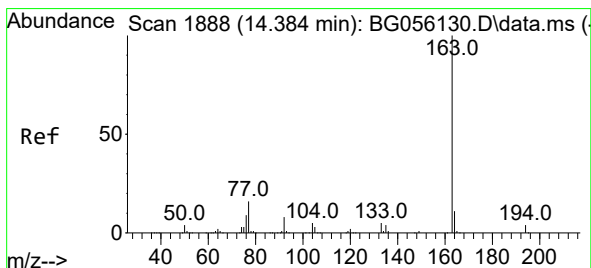
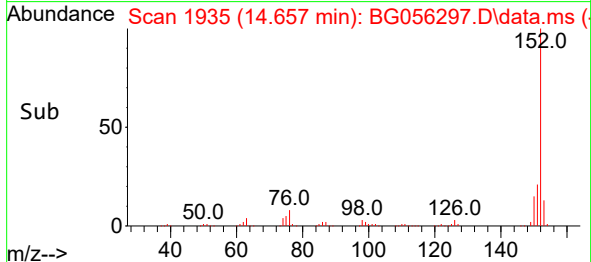
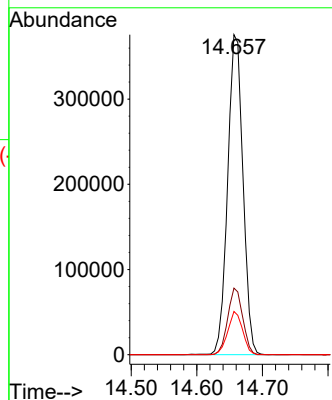
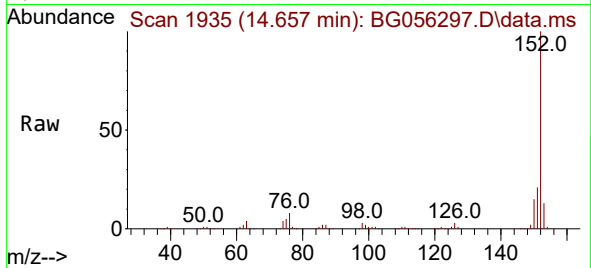




#49
Acenaphthylene
Concen: 43.187 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

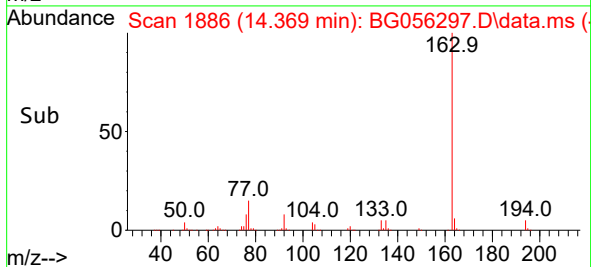
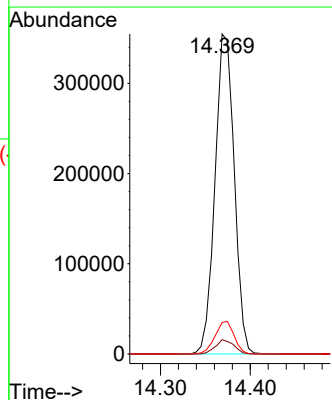
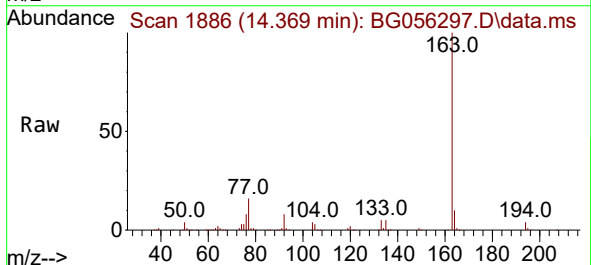
Instrument :
BNA_G
ClientSampleId :
PB150244BS

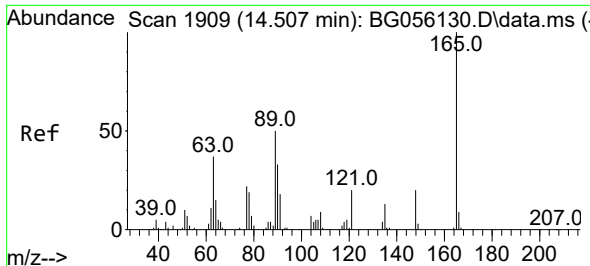
Tgt Ion:152 Resp: 606580
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 42.855 ng
RT: 14.369 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:163 Resp: 528212
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.9 8.7 13.1

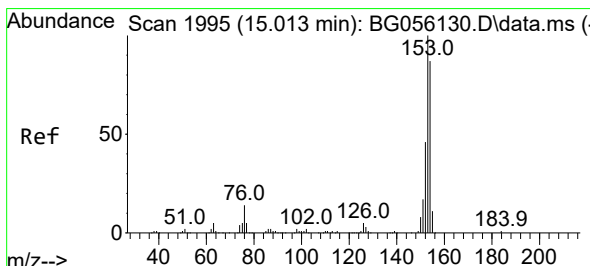
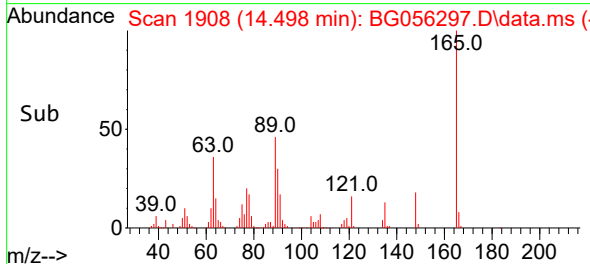
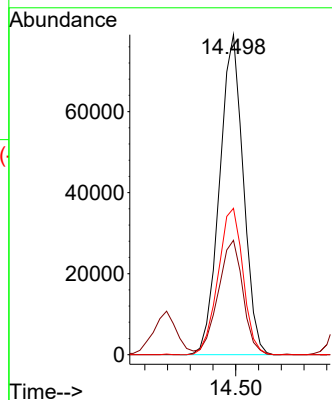
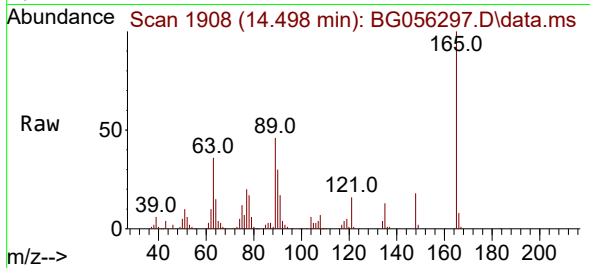




#51
2,6-Dinitrotoluene
Concen: 43.541 ng
RT: 14.498 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

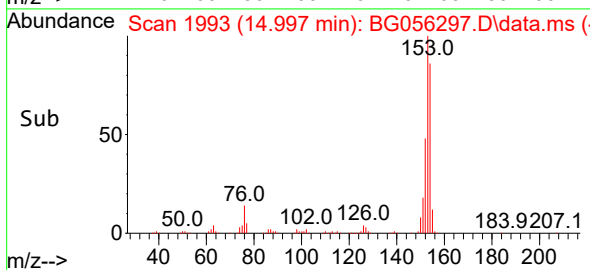
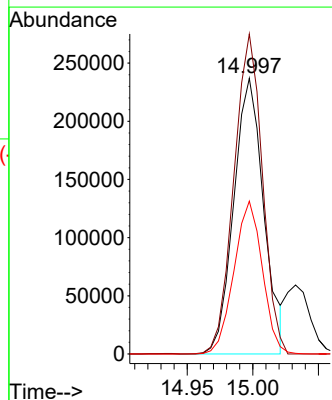
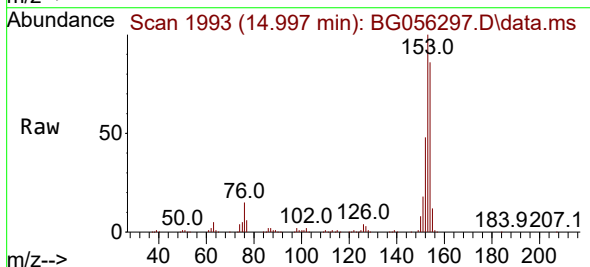
Instrument :
BNA_G
ClientSampleId :
PB150244BS

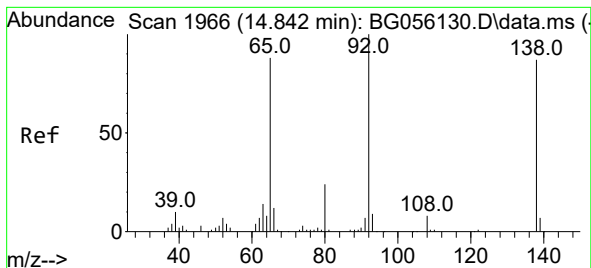
Tgt Ion:165 Resp: 114354
Ion Ratio Lower Upper
165 100
63 35.7 32.2 48.2
89 45.8 39.8 59.8



#52
Acenaphthene
Concen: 41.204 ng
RT: 14.997 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:154 Resp: 376401
Ion Ratio Lower Upper
154 100
153 116.1 92.0 138.0
152 55.4 42.5 63.7

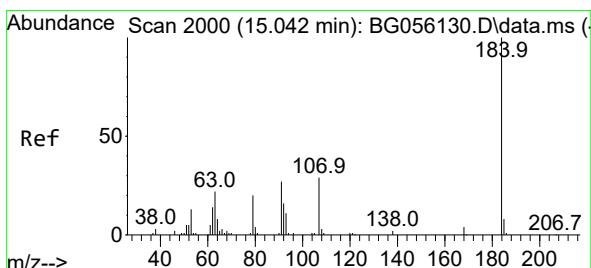
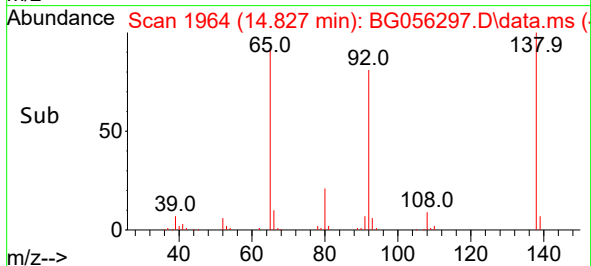
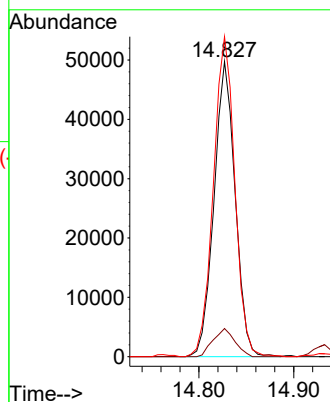
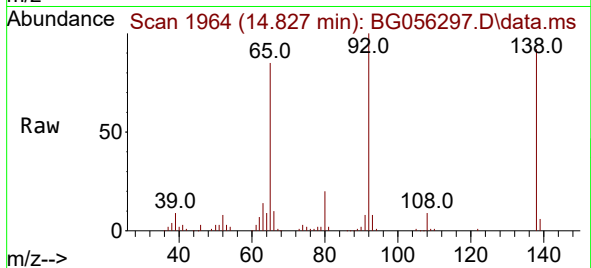




#53
3-Nitroaniline
Concen: 30.811 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

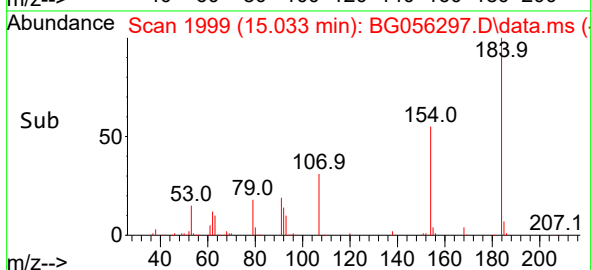
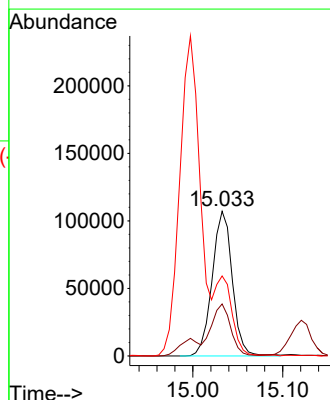
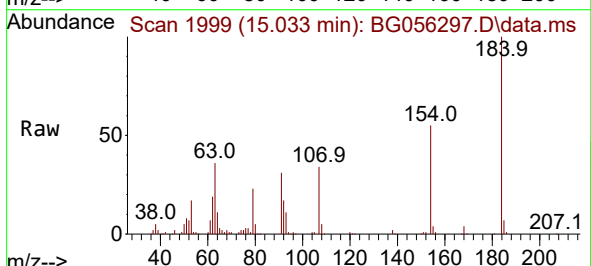
Instrument :
BNA_G
ClientSampleId :
PB150244BS

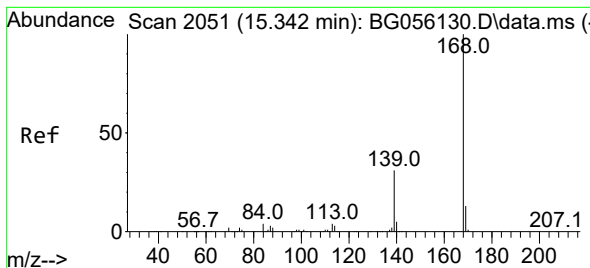
Tgt Ion:138 Resp: 77013
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 108.4 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 89.033 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:184 Resp: 167047
Ion Ratio Lower Upper
184 100
63 36.0 24.0 36.0
154 55.4 45.4 68.0





#55

Dibenzenofuran

Concen: 42.997 ng

RT: 15.326 min Scan# 2051

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

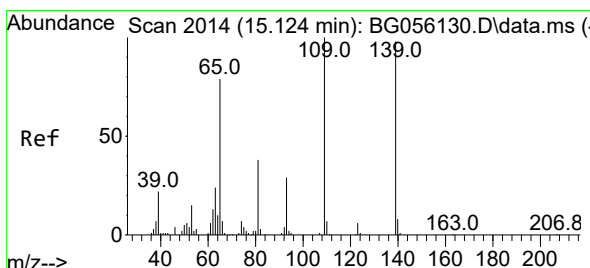
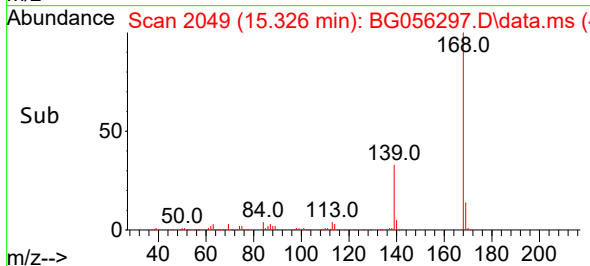
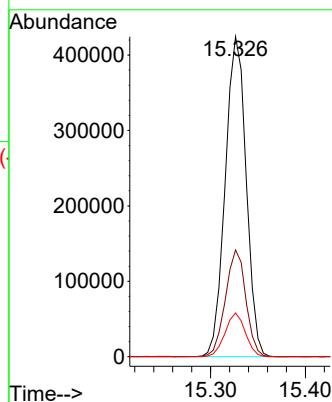
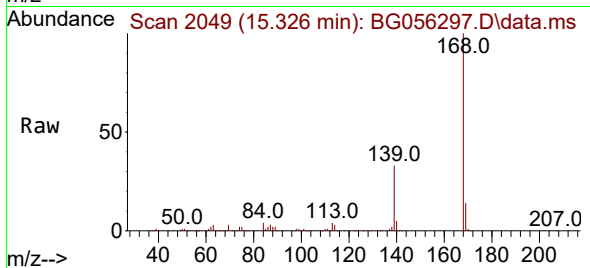
Tgt Ion:168 Resp: 649974

Ion Ratio Lower Upper

168 100

139 33.4 24.7 37.1

169 13.6 10.3 15.5



#56

4-Nitrophenol

Concen: 90.309 ng

RT: 15.121 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

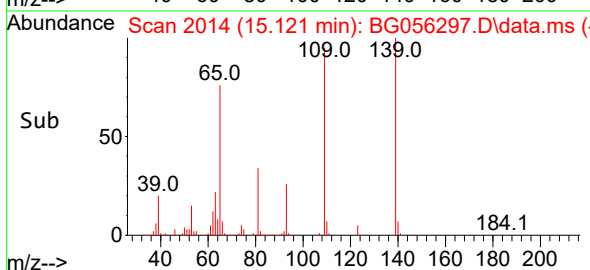
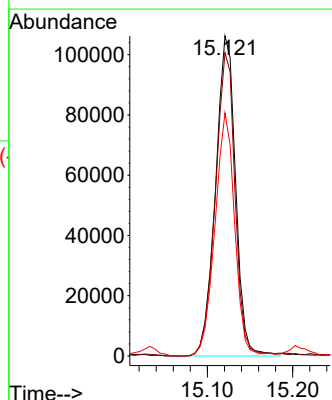
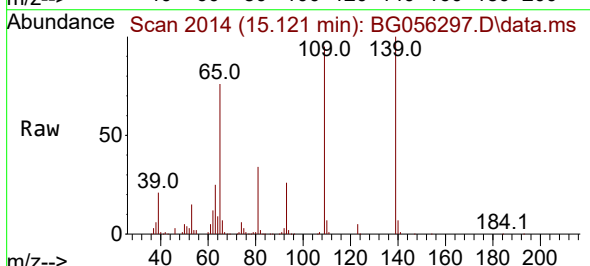
Tgt Ion:139 Resp: 173607

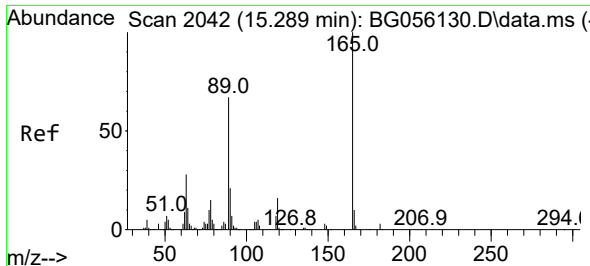
Ion Ratio Lower Upper

139 100

109 94.8 82.2 122.2

65 76.0 60.6 100.6

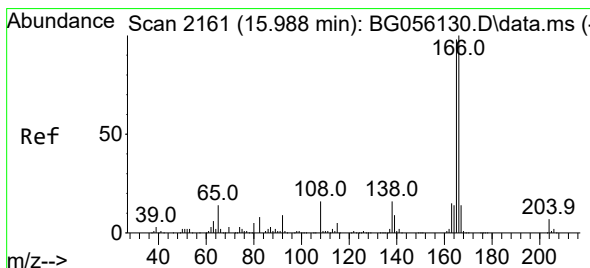
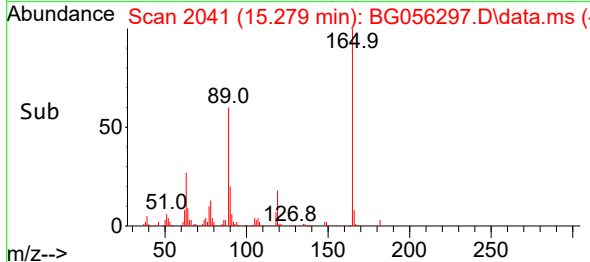
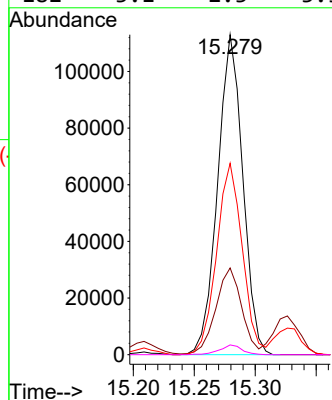
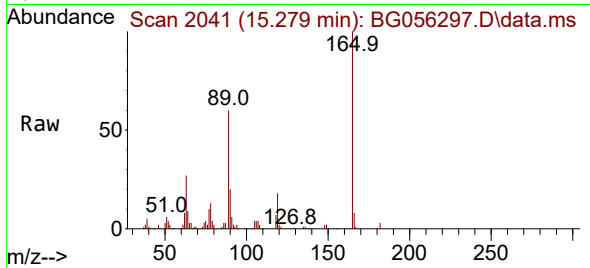




#57
2,4-Dinitrotoluene
Concen: 44.171 ng
RT: 15.279 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

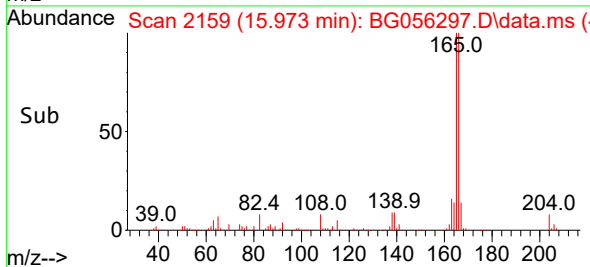
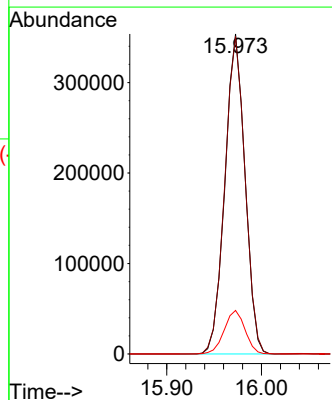
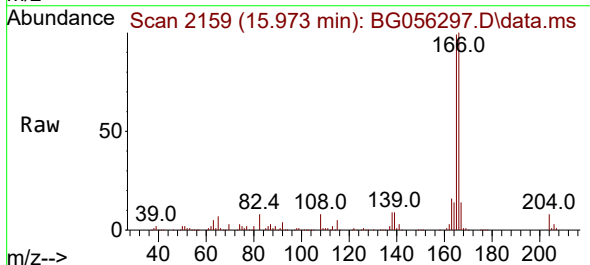
Instrument :
BNA_G
ClientSampleId :
PB150244BS

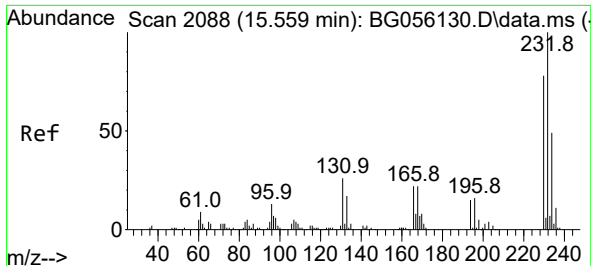
Tgt Ion:165 Resp: 162240
Ion Ratio Lower Upper
165 100
63 27.1 22.6 34.0
89 59.8 53.2 79.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 42.689 ng
RT: 15.973 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:166 Resp: 519040
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 13.6 11.1 16.7

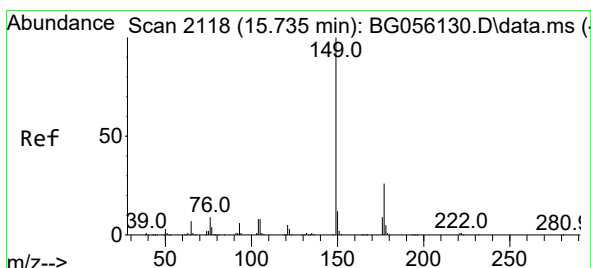
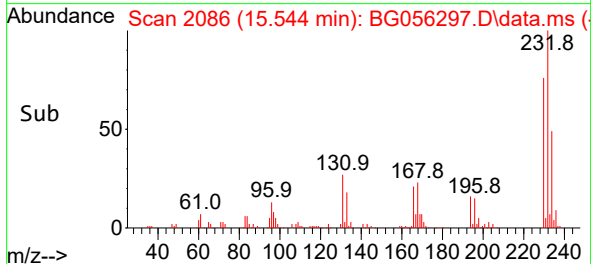
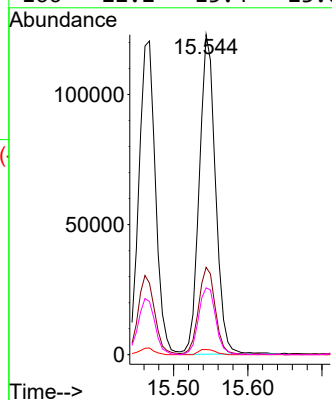
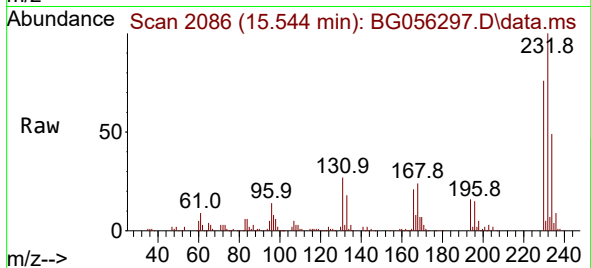




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.299 ng
RT: 15.544 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

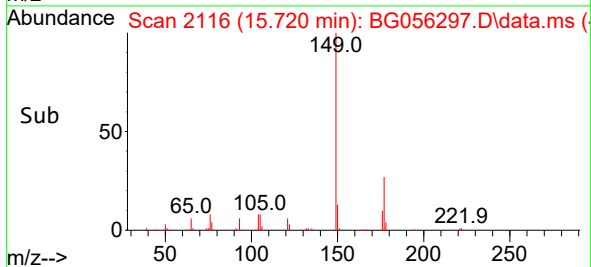
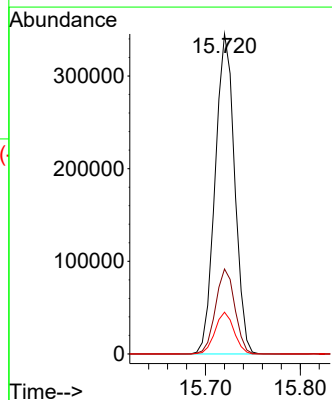
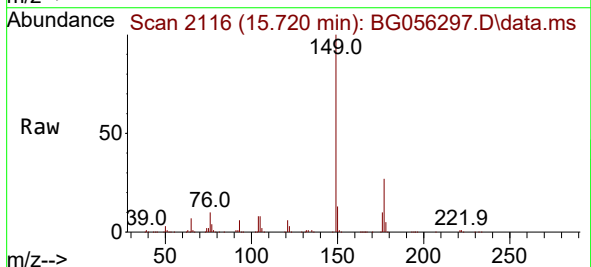
Instrument :
BNA_G
ClientSampleId :
PB150244BS

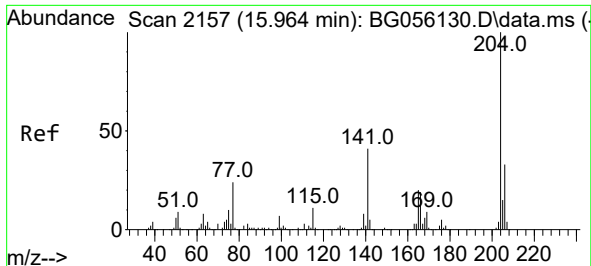
Tgt Ion:232 Resp: 186183
Ion Ratio Lower Upper
232 100
131 27.8 21.4 32.2
130 1.7 1.4 2.0
166 22.2 15.4 23.0



#60
Diethylphthalate
Concen: 42.591 ng
RT: 15.720 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:149 Resp: 492311
Ion Ratio Lower Upper
149 100
177 26.6 20.6 31.0
150 13.1 9.9 14.9

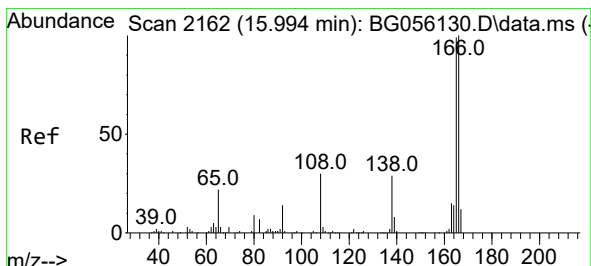
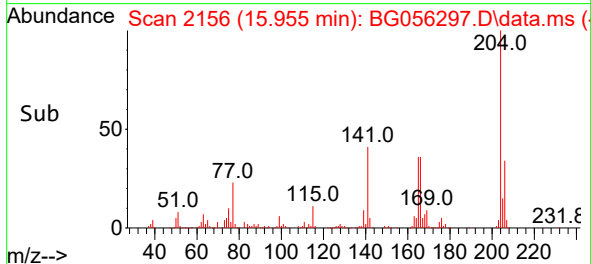
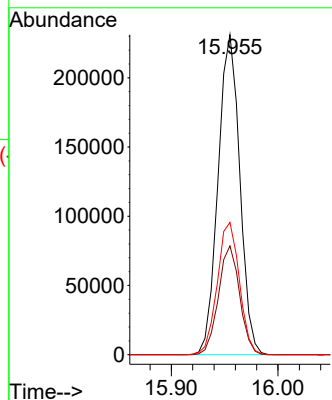
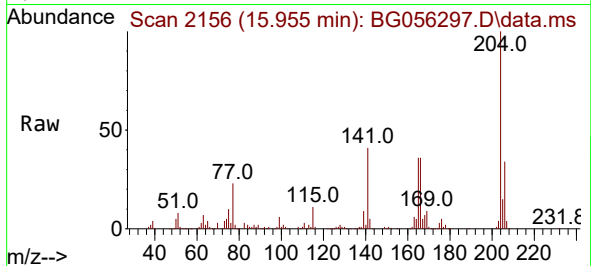




#61
4-Chlorophenyl-phenylether
Concen: 43.038 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

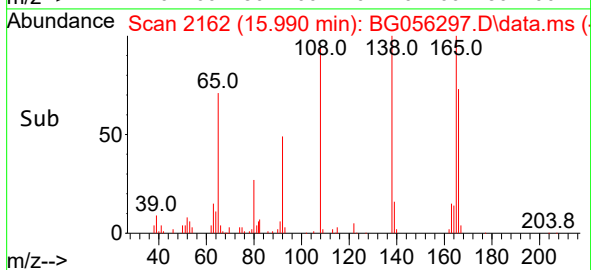
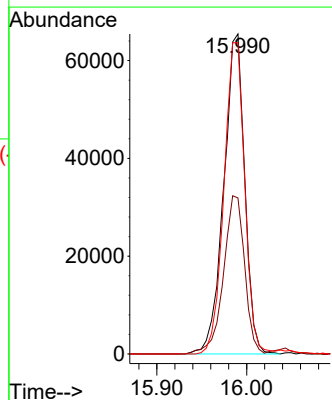
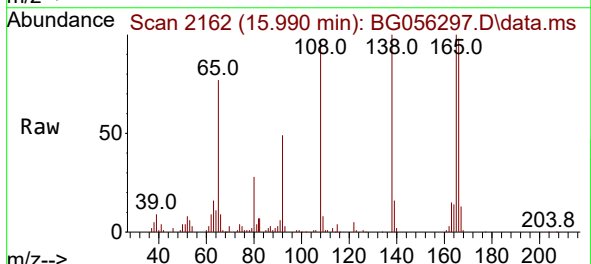
Instrument :
BNA_G
ClientSampleId :
PB150244BS

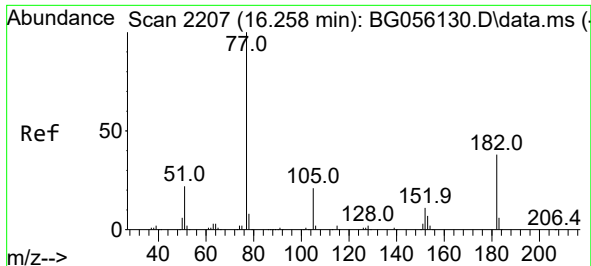
Tgt Ion:204 Resp: 326561
Ion Ratio Lower Upper
204 100
206 34.0 26.4 39.6
141 41.4 33.0 49.4



#62
4-Nitroaniline
Concen: 41.382 ng
RT: 15.990 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:138 Resp: 105954
Ion Ratio Lower Upper
138 100
92 48.8 28.6 68.6
108 97.3 83.4 123.4

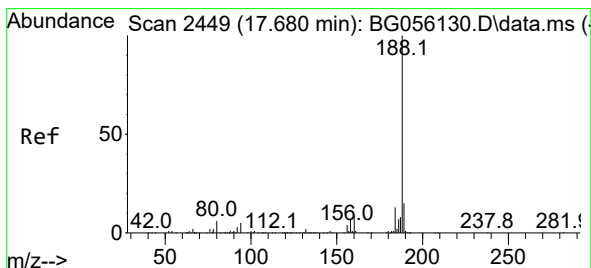
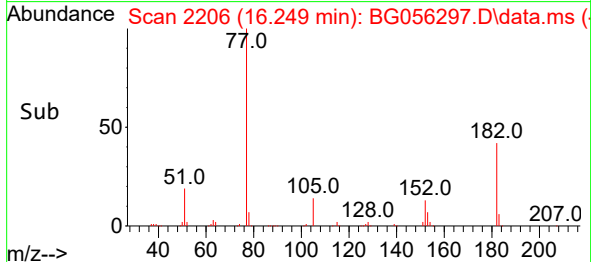
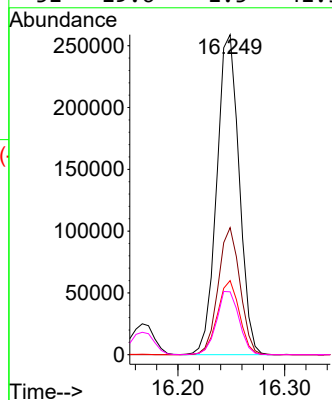
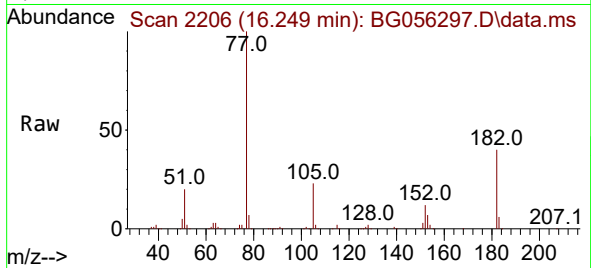




#63
Azobenzene
Concen: 42.309 ng
RT: 16.249 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

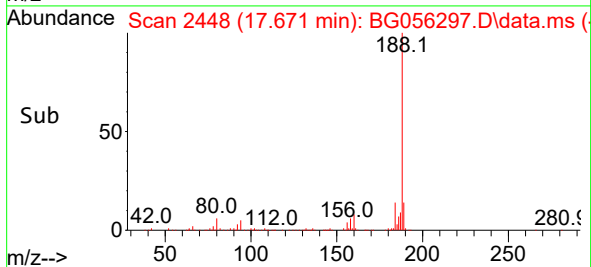
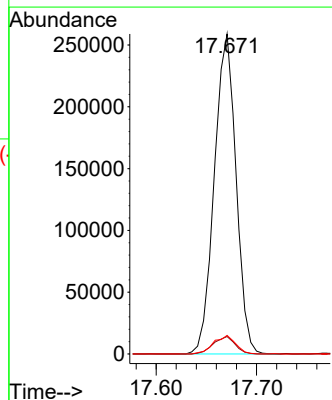
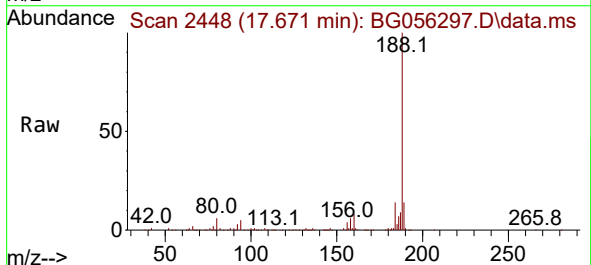
Instrument :
BNA_G
ClientSampleId :
PB150244BS

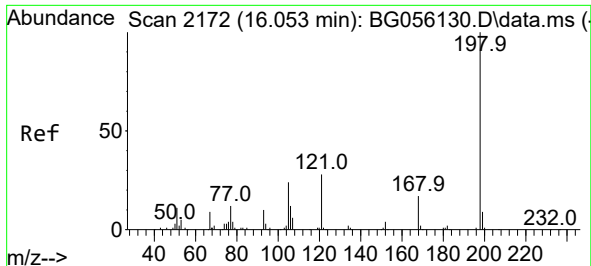
Tgt Ion: 77 Resp: 377397
Ion Ratio Lower Upper
77 100
182 39.7 18.5 58.5
105 23.2 1.4 41.4
51 19.6 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:188 Resp: 388962
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.8 5.0 7.4

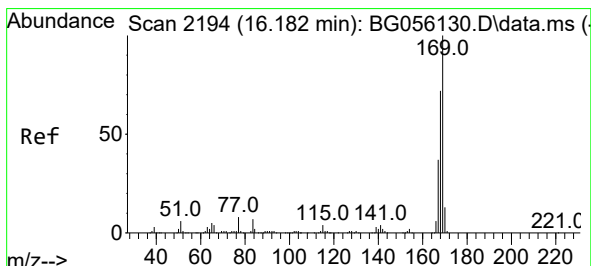
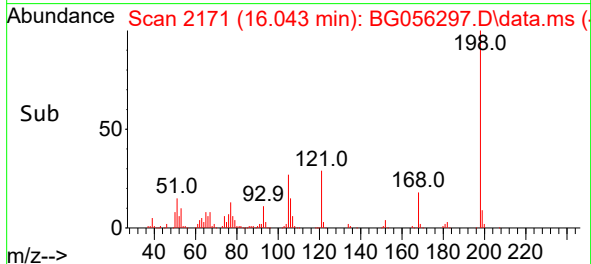
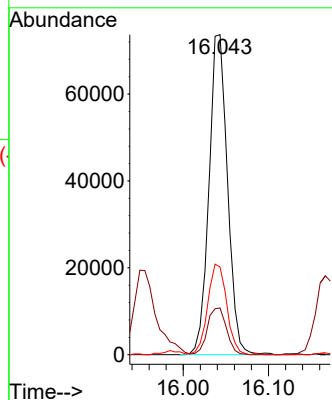
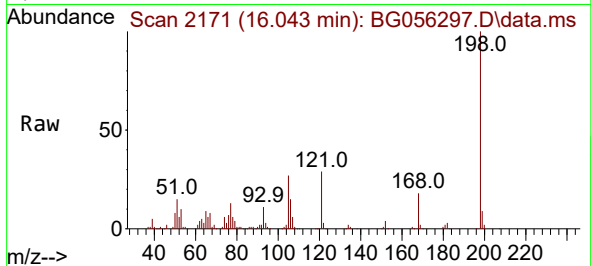




#65
4,6-Dinitro-2-methylphenol
Concen: 42.519 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

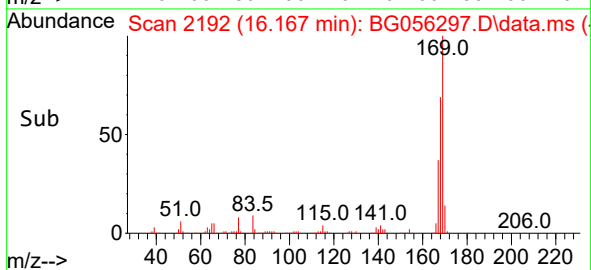
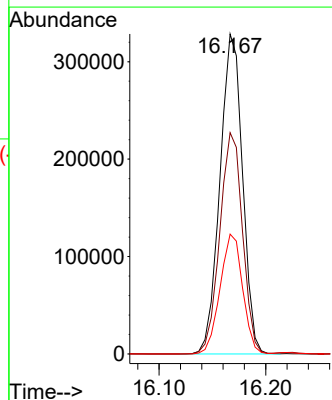
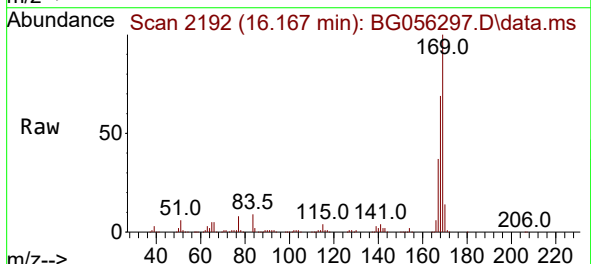
Instrument :
BNA_G
ClientSampleId :
PB150244BS

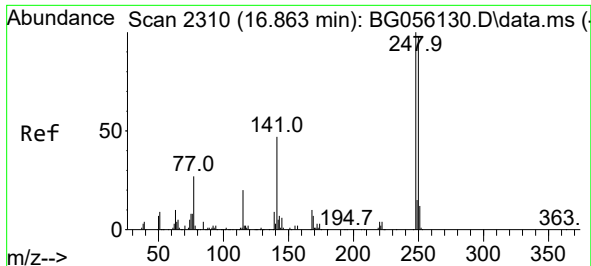
Tgt Ion:198 Resp: 111425
Ion Ratio Lower Upper
198 100
51 14.6 0.0 33.2
105 27.4 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 44.697 ng
RT: 16.167 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:169 Resp: 482371
Ion Ratio Lower Upper
169 100
168 69.2 58.0 87.0
167 37.4 30.0 45.0

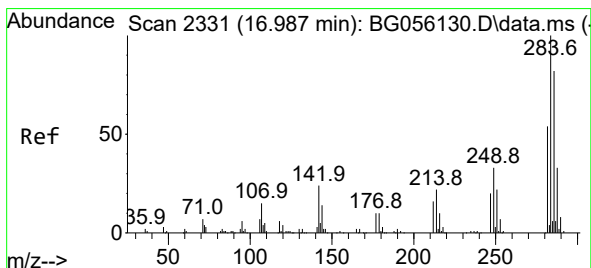
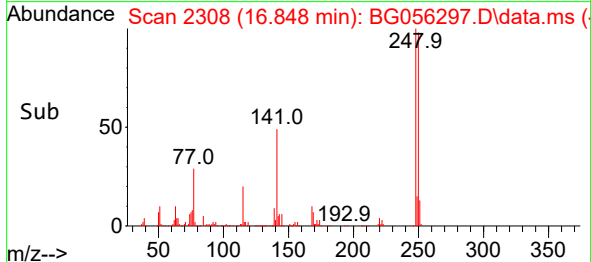
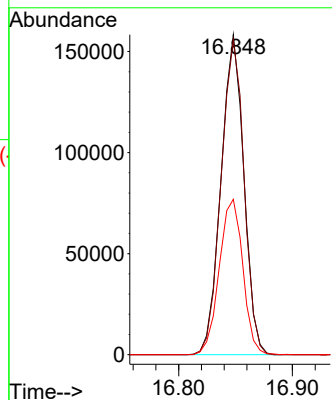
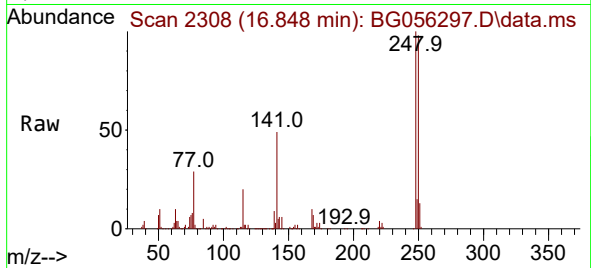




#67
4-Bromophenyl-phenylether
Concen: 44.567 ng
RT: 16.848 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

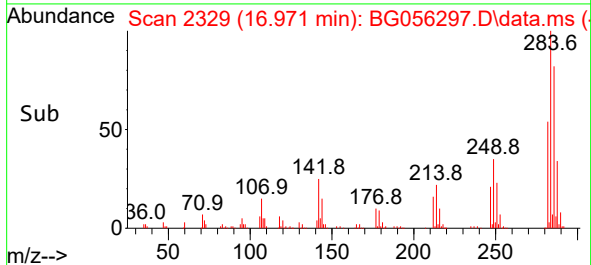
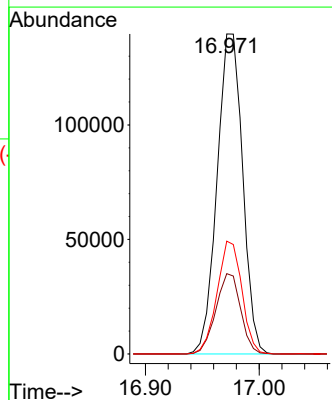
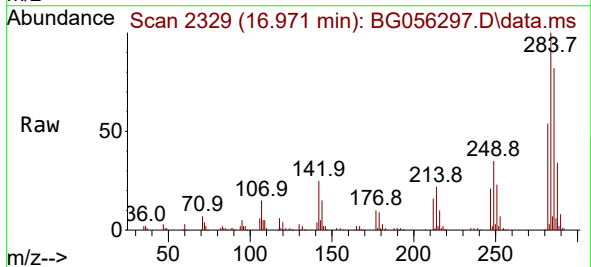
Instrument :
BNA_G
ClientSampleId :
PB150244BS

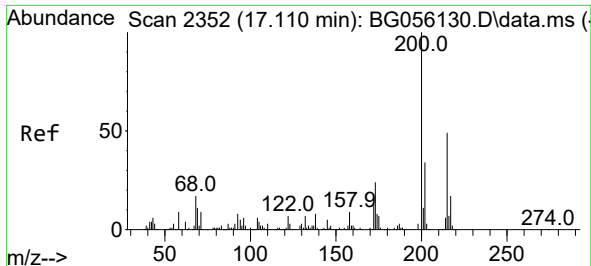
Tgt Ion:248 Resp: 220740
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 48.6 37.6 56.4



#68
Hexachlorobenzene
Concen: 47.263 ng
RT: 16.971 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:284 Resp: 218407
Ion Ratio Lower Upper
284 100
142 25.1 19.0 28.6
249 35.3 26.6 39.8

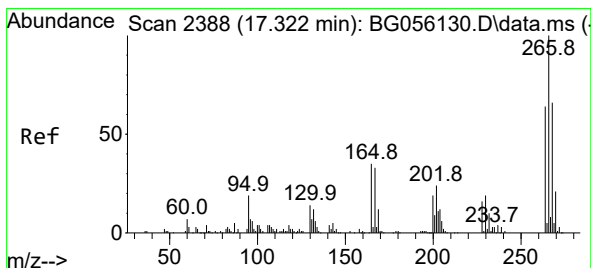
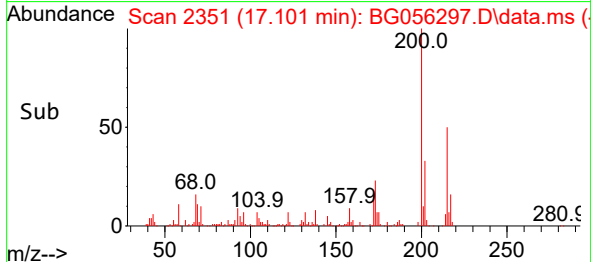
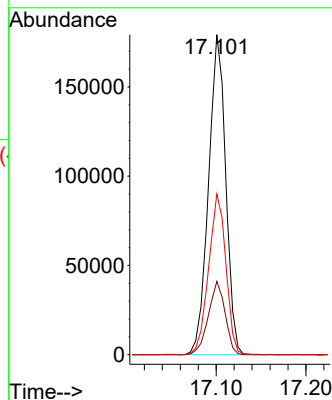
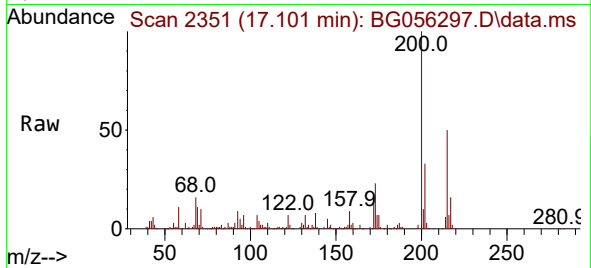




#69
 Atrazine
 Concen: 53.276 ng
 RT: 17.101 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

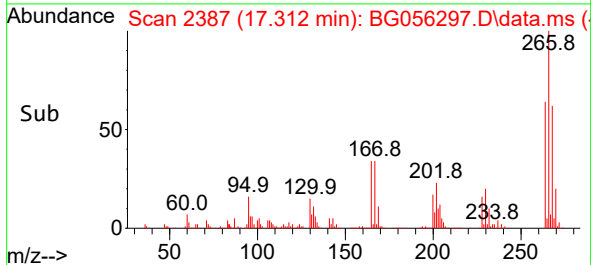
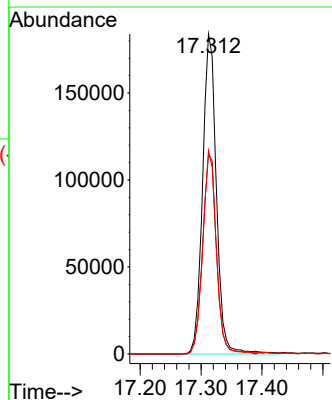
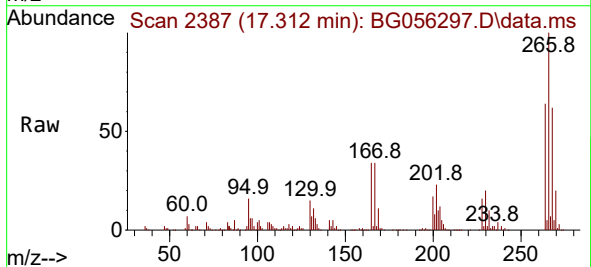
Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

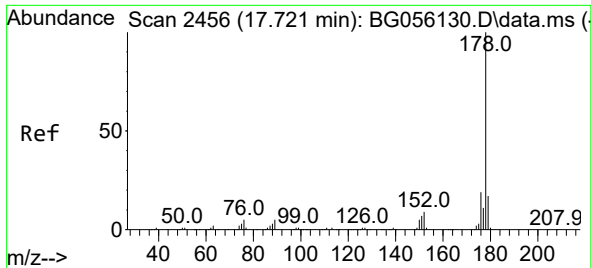
Tgt Ion:200 Resp: 238282
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.0 44.0
 215 50.3 29.1 69.1



#70
 Pentachlorophenol
 Concen: 81.681 ng
 RT: 17.312 min Scan# 2387
 Delta R.T. 0.006 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion:266 Resp: 289947
 Ion Ratio Lower Upper
 266 100
 268 62.4 53.0 79.4
 264 63.6 51.4 77.2

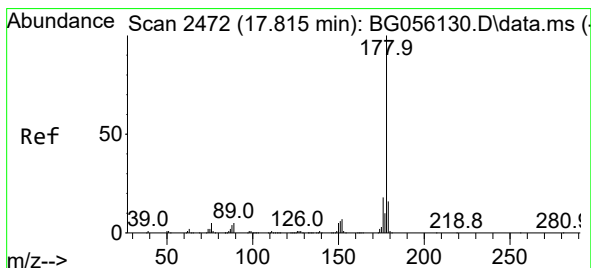
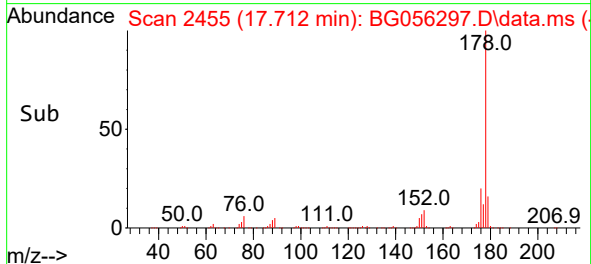
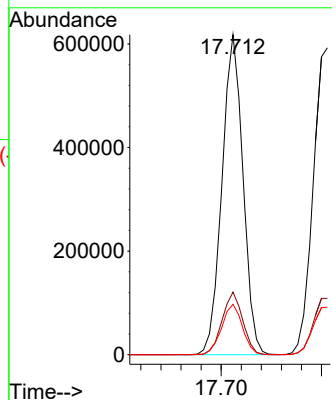
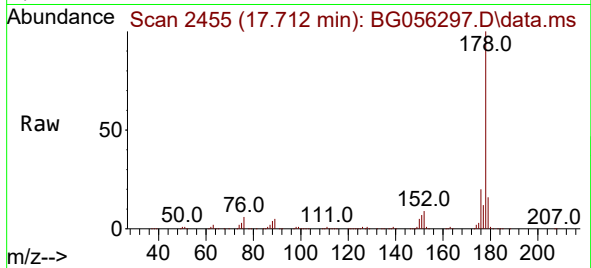




#71
Phenanthrene
Concen: 44.396 ng
RT: 17.712 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

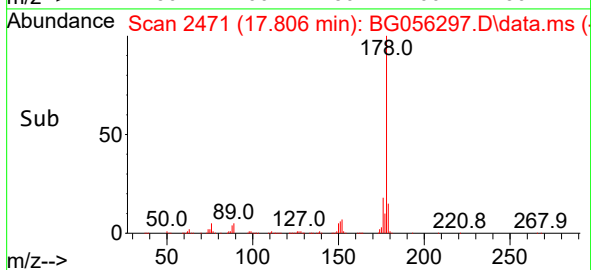
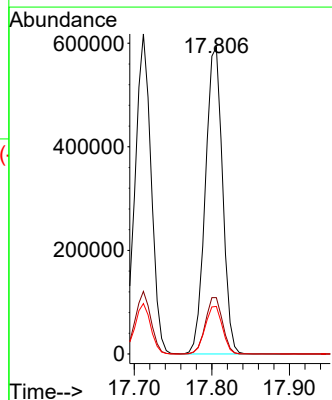
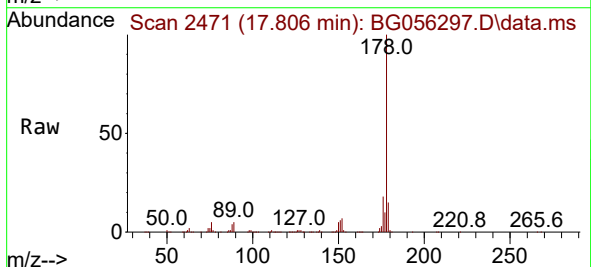
Instrument :
BNA_G
ClientSampleId :
PB150244BS

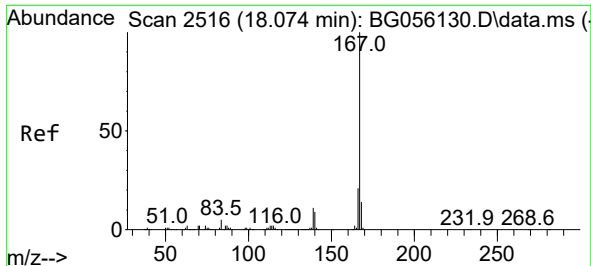
Tgt Ion:178 Resp: 894893
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 13.6 20.4



#72
Anthracene
Concen: 43.747 ng
RT: 17.806 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:178 Resp: 909653
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.5 12.7 19.1

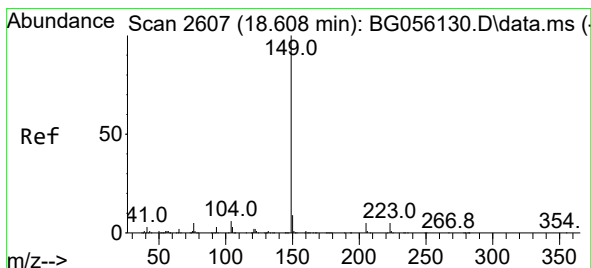
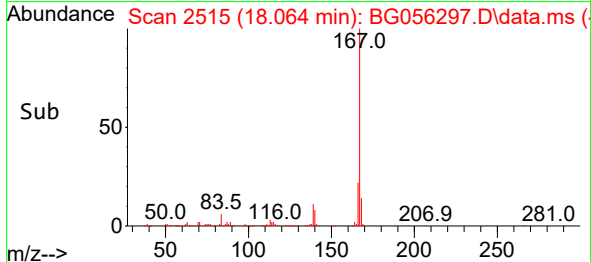
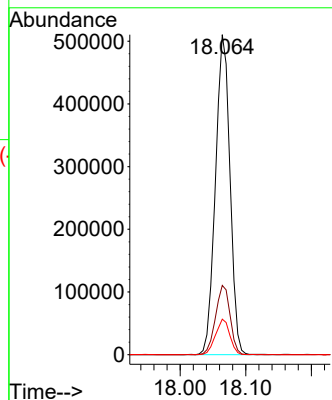
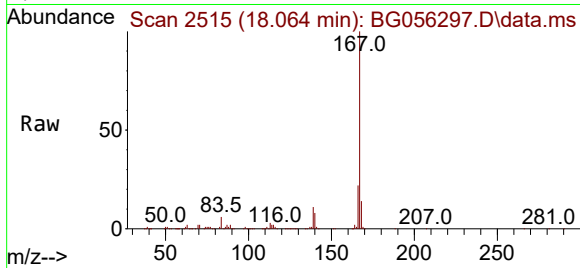




#73
 Carbazole
 Concen: 44.737 ng
 RT: 18.064 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

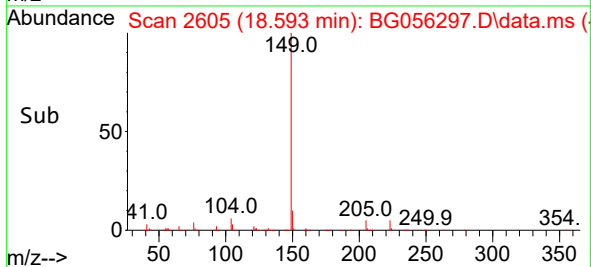
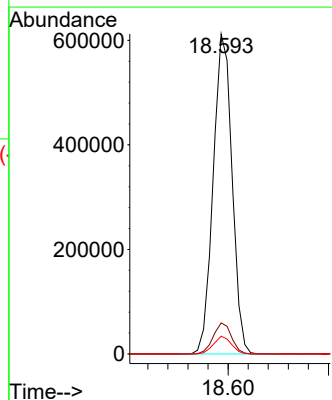
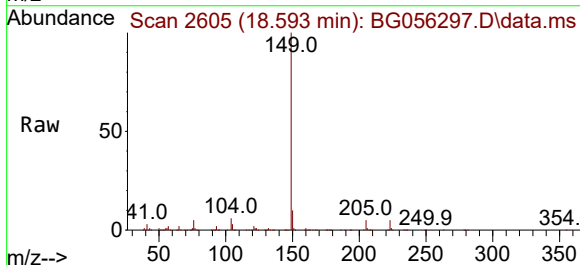
Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

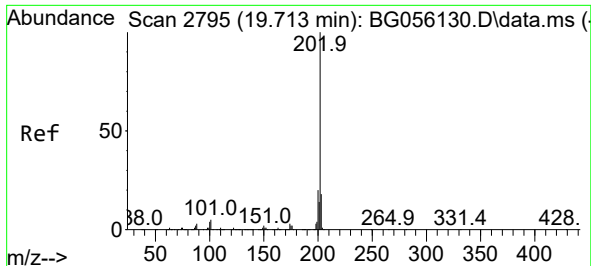
Tgt Ion:167 Resp: 781927
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 11.1 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 45.775 ng
 RT: 18.593 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion:149 Resp: 797561
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.5 4.4 6.6

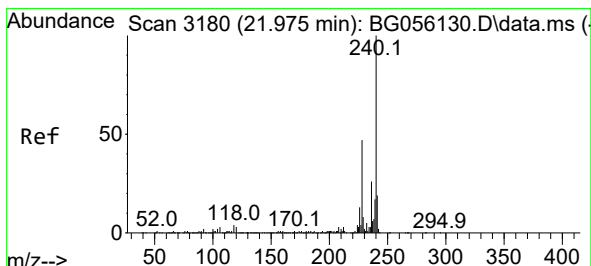
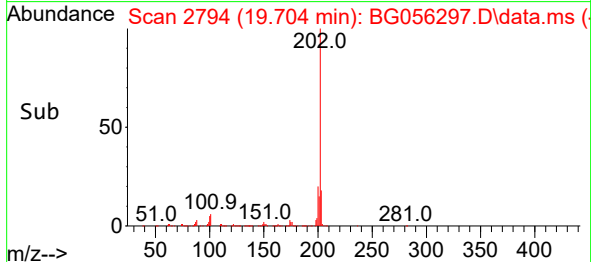
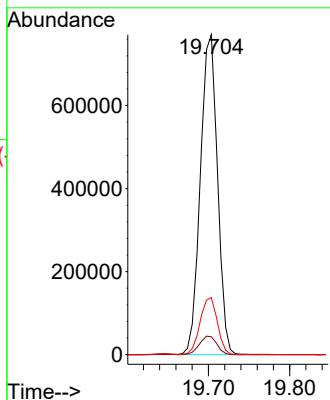
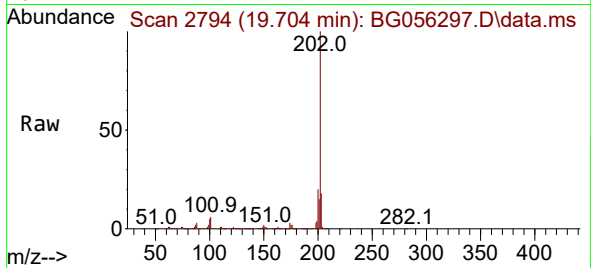




#75
Fluoranthene
Concen: 42.846 ng
RT: 19.704 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

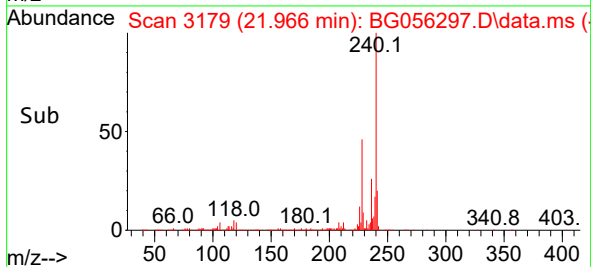
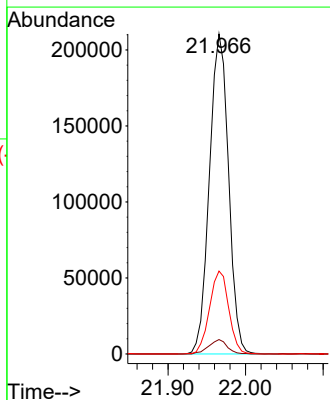
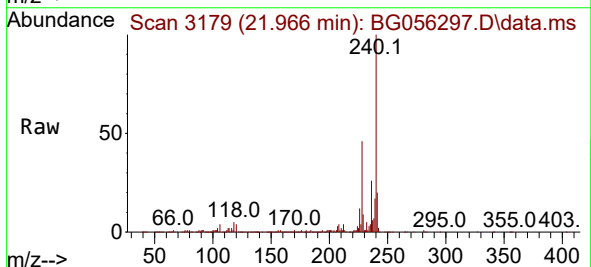
Instrument :
BNA_G
ClientSampleId :
PB150244BS

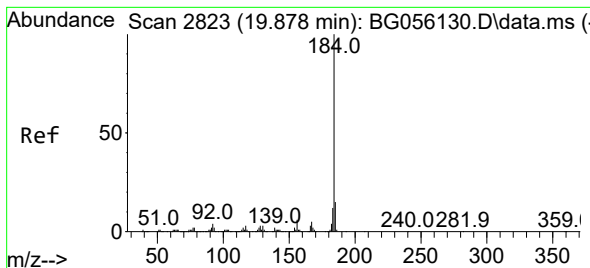
Tgt Ion:202 Resp: 1126557
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.0
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:240 Resp: 360628
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.9 20.8 31.2





#77

Benzidine

Concen: 27.480 ng

RT: 19.868 min Scan# 2822

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

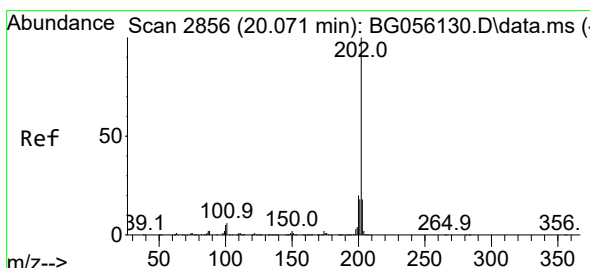
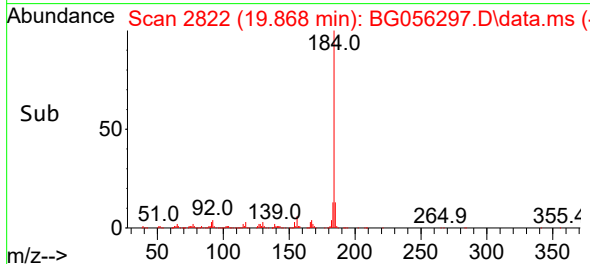
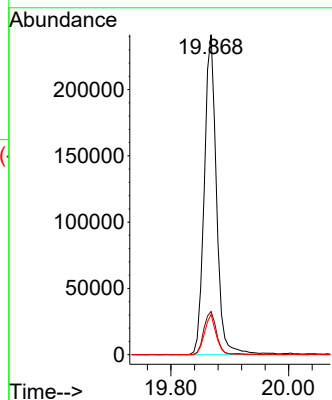
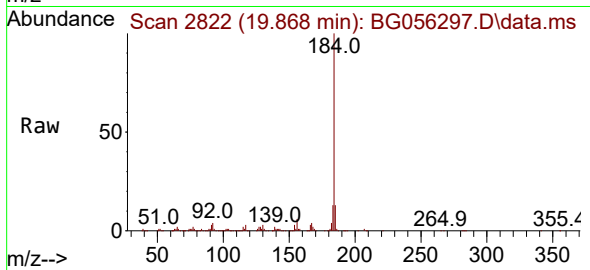
Tgt Ion:184 Resp: 347290

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

183 12.6 9.4 14.0



#78

Pyrene

Concen: 44.662 ng

RT: 20.062 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

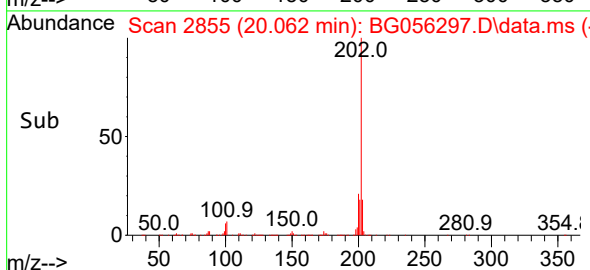
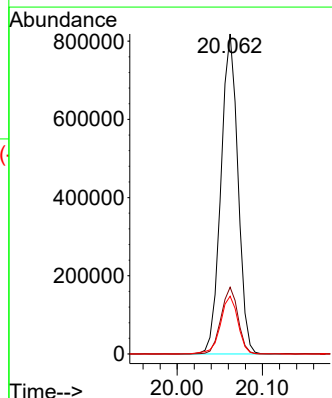
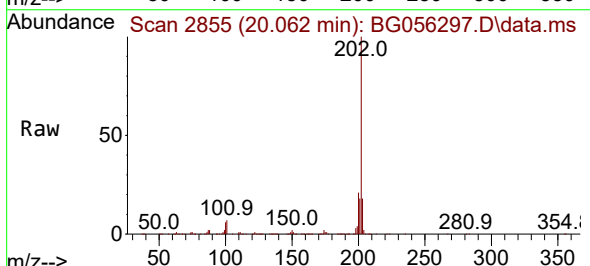
Tgt Ion:202 Resp: 1135243

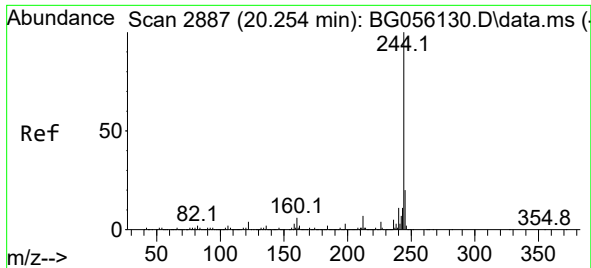
Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

203 18.1 14.3 21.5

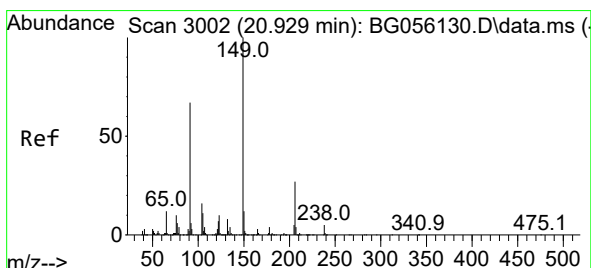
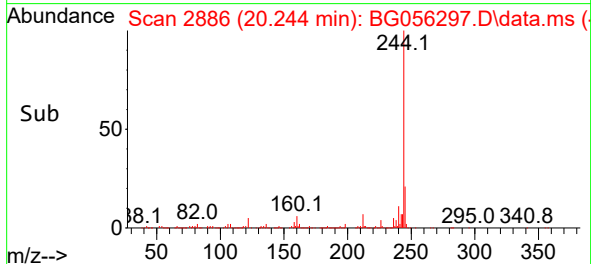
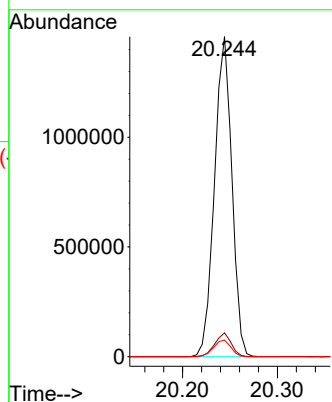
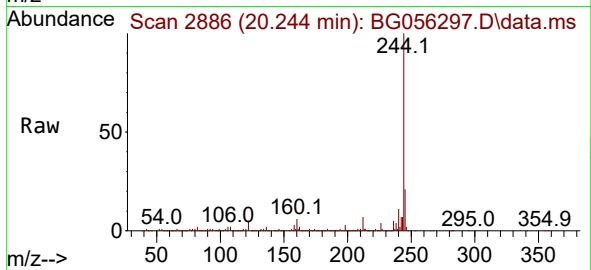




#79
 Terphenyl-d14
 Concen: 92.362 ng
 RT: 20.244 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

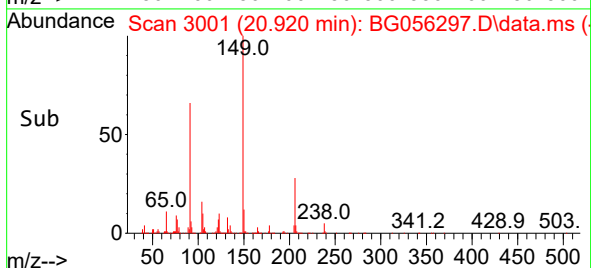
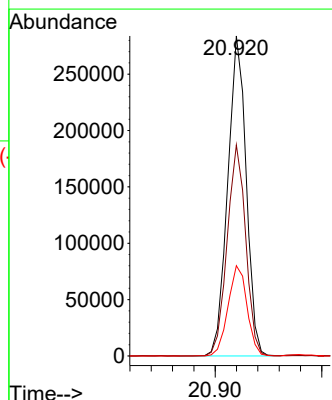
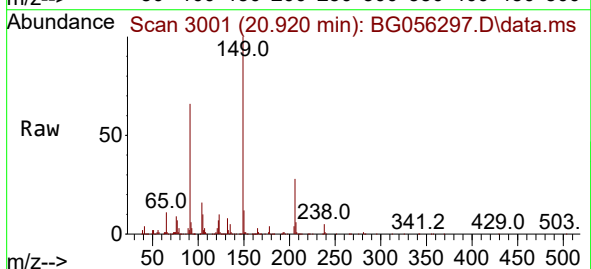
Instrument :
 BNA_G
 ClientSampleId :
 PB150244BS

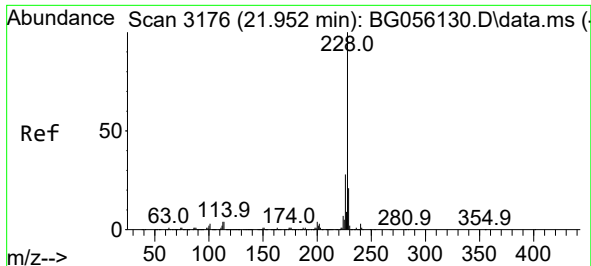
Tgt Ion:244 Resp: 1859709
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.2 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 46.868 ng
 RT: 20.920 min Scan# 3001
 Delta R.T. 0.000 min
 Lab File: BG056297.D
 Acq: 16 Jan 2023 15:22

Tgt Ion:149 Resp: 341778
 Ion Ratio Lower Upper
 149 100
 91 66.0 53.5 80.3
 206 28.2 21.9 32.9

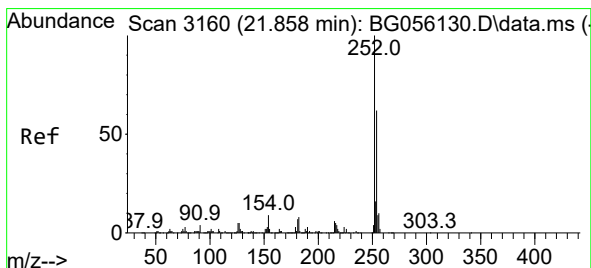
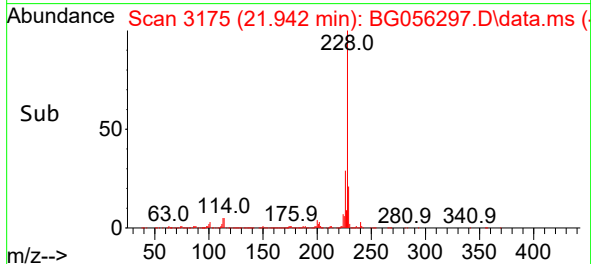
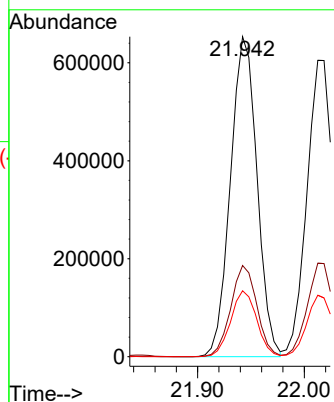
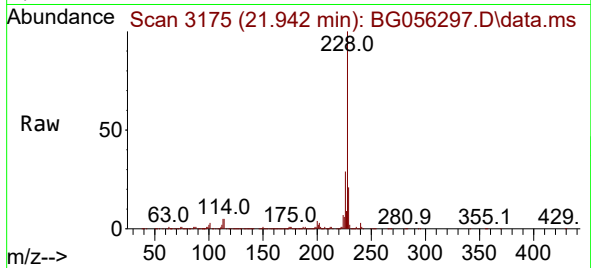




#81
Benzo(a)anthracene
Concen: 44.768 ng
RT: 21.942 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

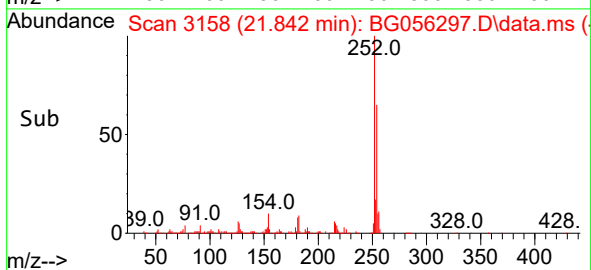
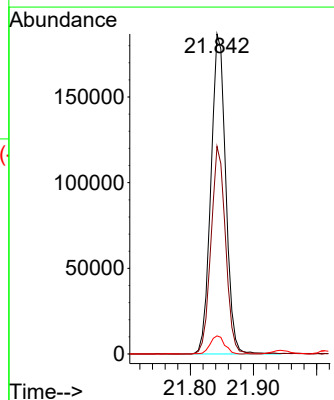
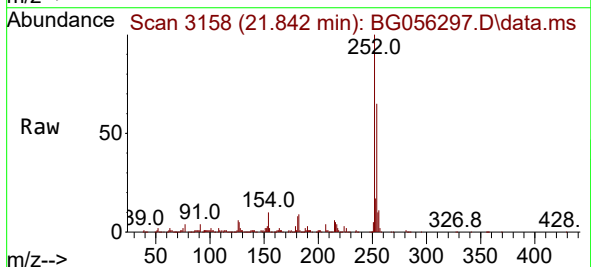
Instrument :
BNA_G
ClientSampleId :
PB150244BS

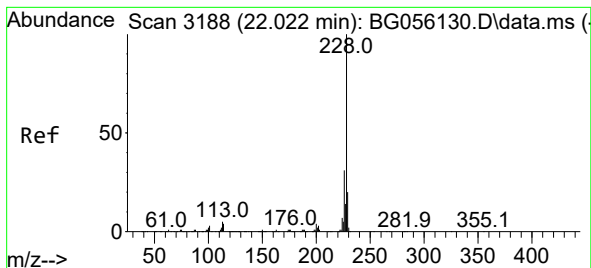
Tgt Ion:228 Resp: 1133953
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 33.282 ng
RT: 21.842 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:252 Resp: 303471
Ion Ratio Lower Upper
252 100
254 64.8 49.5 74.3
126 5.7 4.0 6.0





#83

Chrysene

Concen: 44.322 ng

RT: 22.013 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

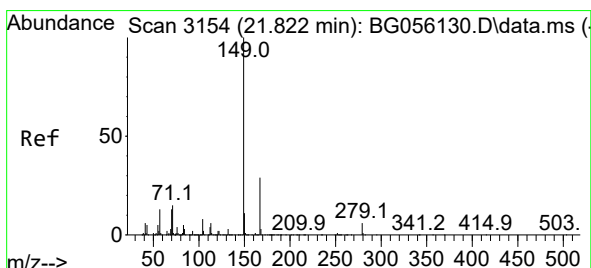
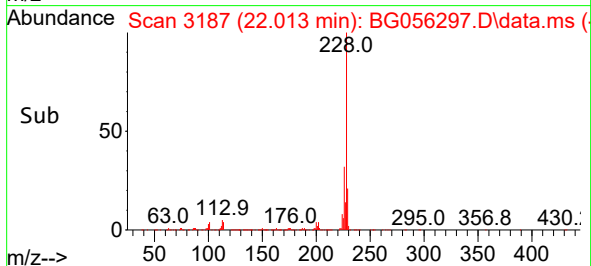
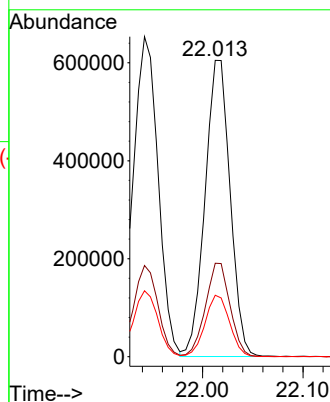
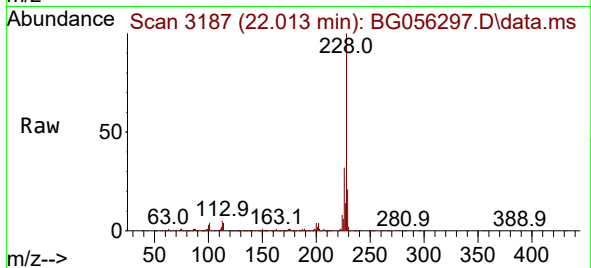
Tgt Ion:228 Resp: 1051594

Ion Ratio Lower Upper

228 100

226 31.5 24.6 36.8

229 20.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.481 ng

RT: 21.807 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

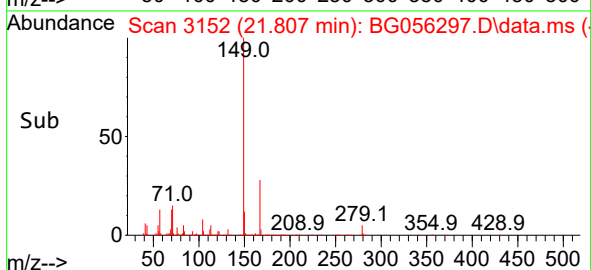
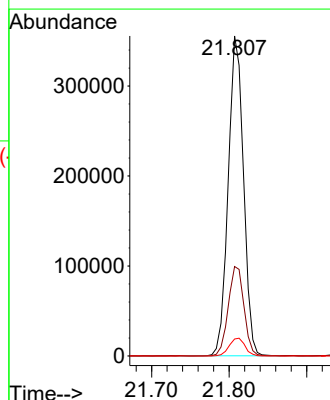
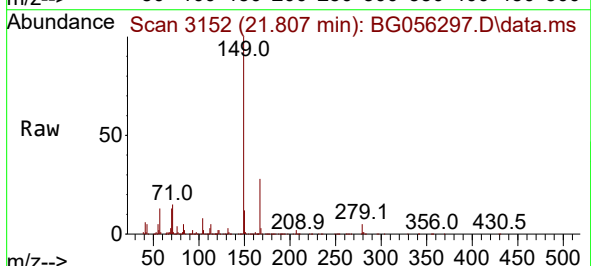
Tgt Ion:149 Resp: 488334

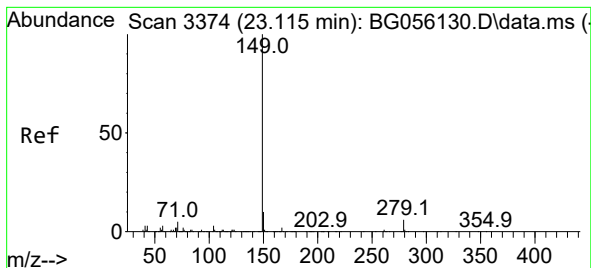
Ion Ratio Lower Upper

149 100

167 27.9 23.4 35.2

279 5.3 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 47.448 ng

RT: 23.094 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

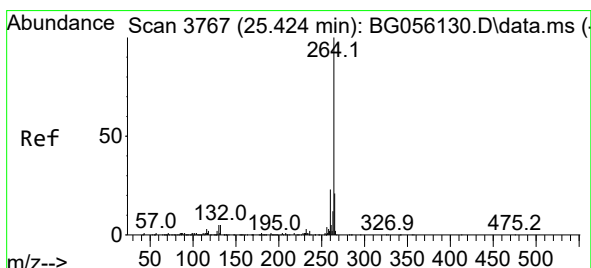
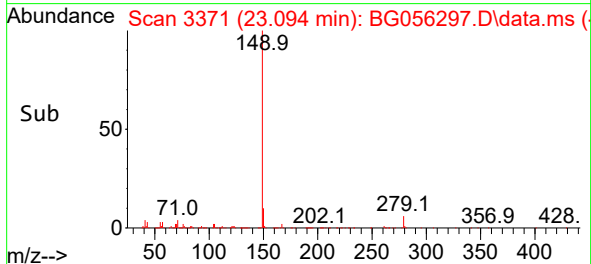
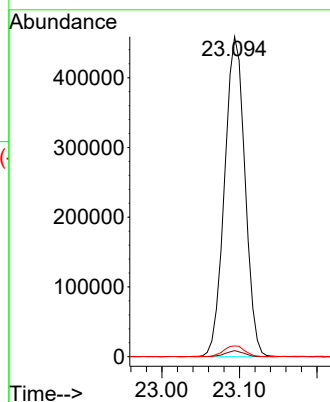
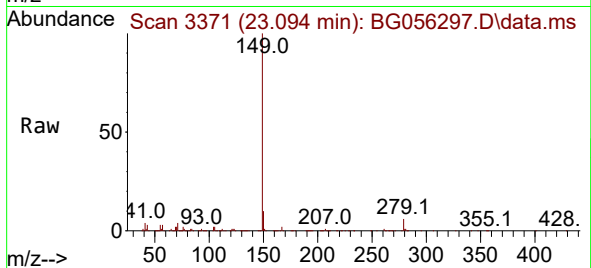
Tgt Ion:149 Resp: 841548

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 3.5 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.415 min Scan# 3766

Delta R.T. 0.012 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

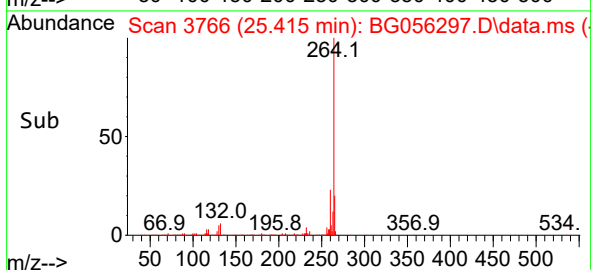
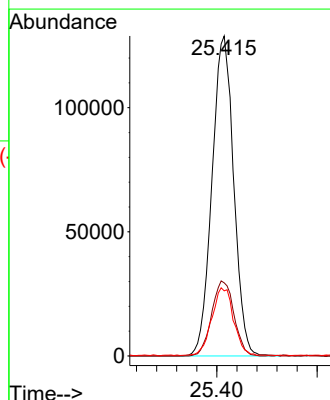
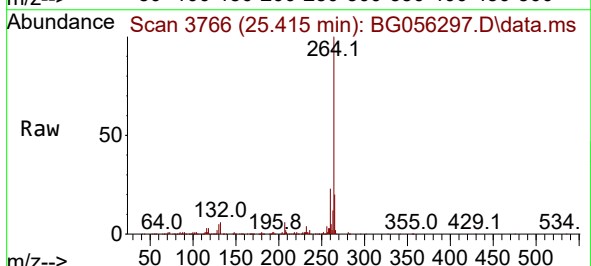
Tgt Ion:264 Resp: 386297

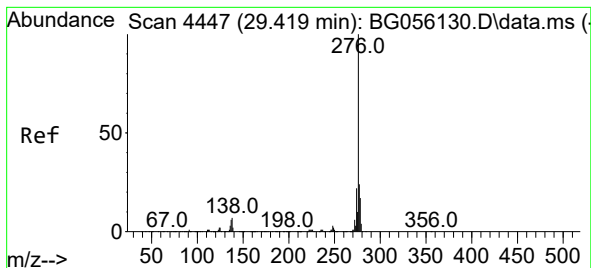
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 20.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.314 ng

RT: 29.386 min Scan# 4442

Delta R.T. 0.024 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

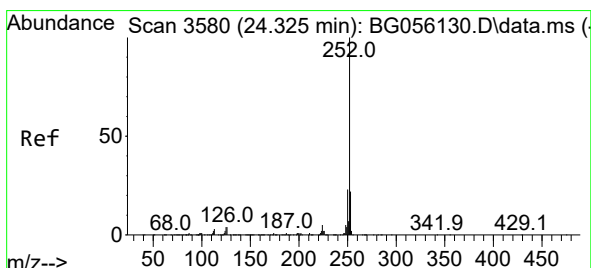
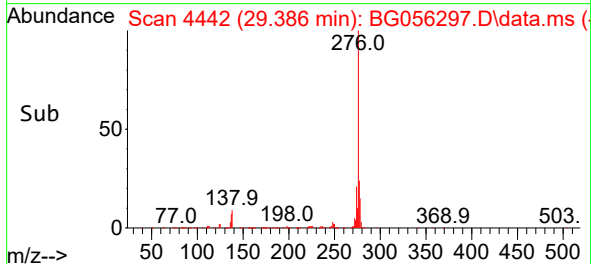
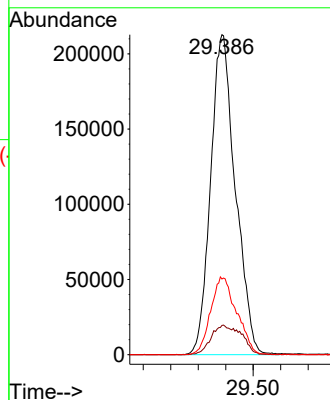
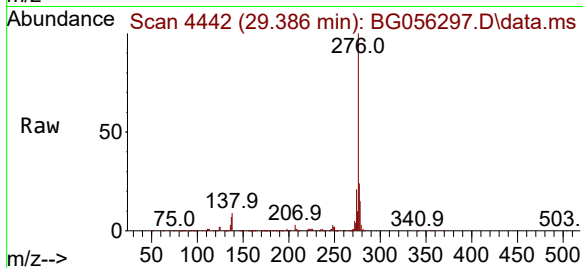
Tgt Ion:276 Resp: 1329246

Ion Ratio Lower Upper

276 100

138 11.3 5.0 7.4#

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 49.536 ng

RT: 24.316 min Scan# 3579

Delta R.T. 0.018 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

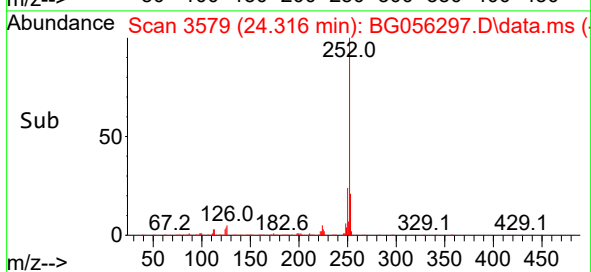
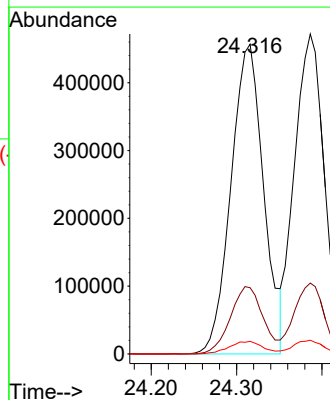
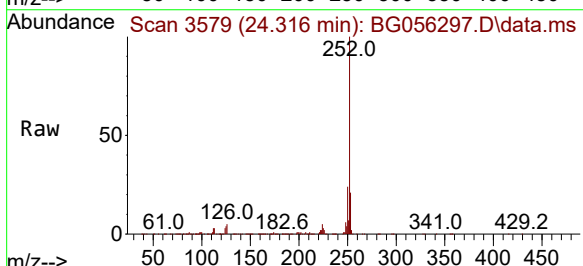
Tgt Ion:252 Resp: 1215817

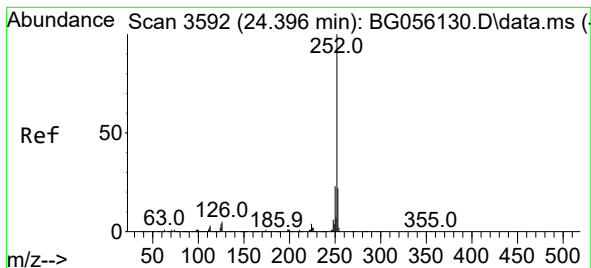
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 4.1 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 46.501 ng

RT: 24.386 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

Instrument :

BNA_G

ClientSampleId :

PB150244BS

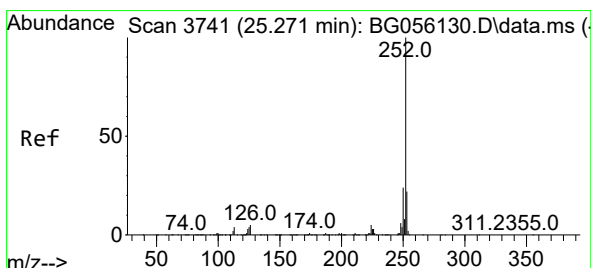
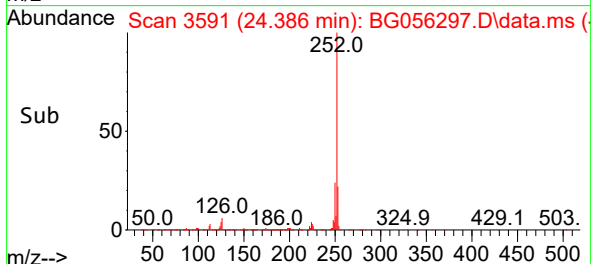
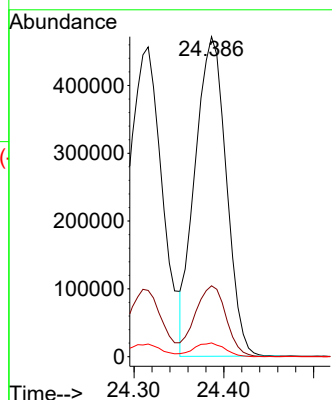
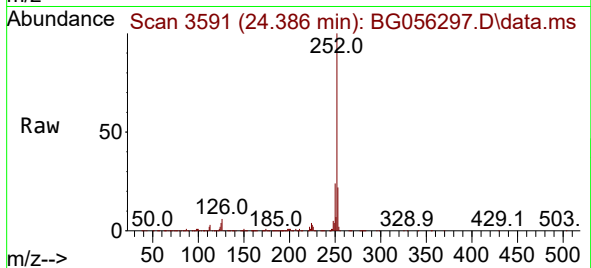
Tgt Ion:252 Resp: 1136526

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 4.3 3.4 5.0



#90

Benzo(a)pyrene

Concen: 43.954 ng

RT: 25.256 min Scan# 3739

Delta R.T. 0.012 min

Lab File: BG056297.D

Acq: 16 Jan 2023 15:22

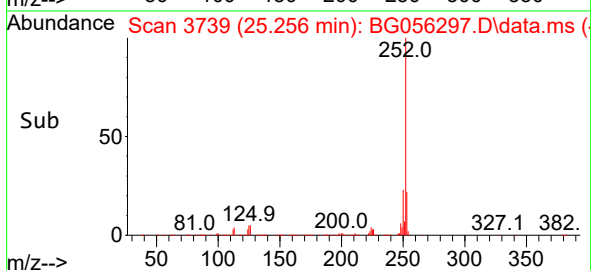
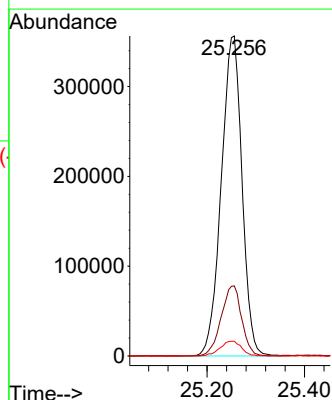
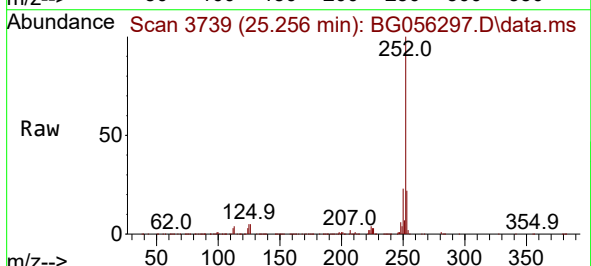
Tgt Ion:252 Resp: 1052202

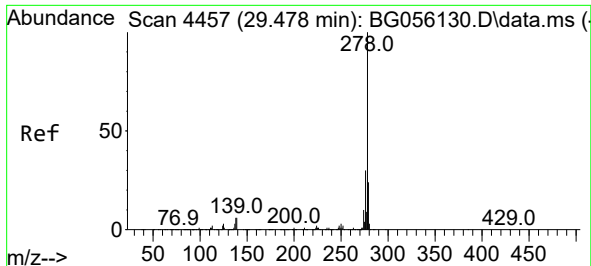
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 4.6 3.2 4.8

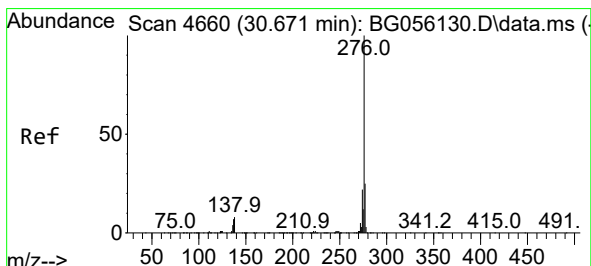
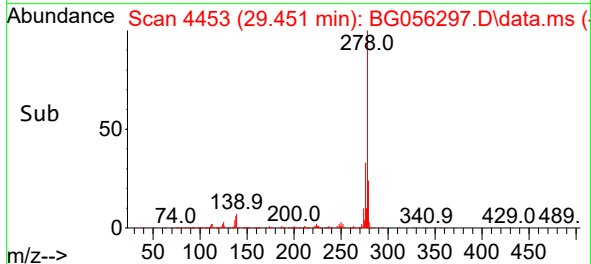
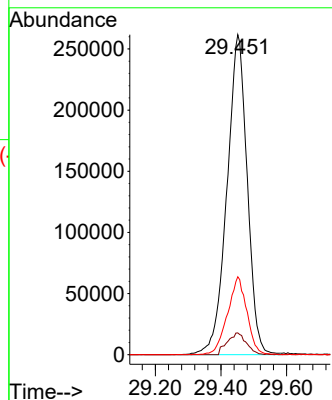
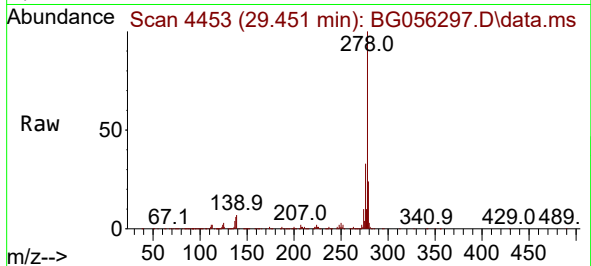




#91
Dibenzo(a,h)anthracene
Concen: 47.635 ng
RT: 29.451 min Scan# 4453
Delta R.T. 0.018 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Instrument :
BNA_G
ClientSampleId :
PB150244BS

Tgt Ion:278 Resp: 1122004
Ion Ratio Lower Upper
278 100
139 6.8 4.8 7.2
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 47.477 ng
RT: 30.638 min Scan# 4655
Delta R.T. 0.024 min
Lab File: BG056297.D
Acq: 16 Jan 2023 15:22

Tgt Ion:276 Resp: 1084433
Ion Ratio Lower Upper
276 100
277 23.2 19.7 29.5
138 9.0 6.7 10.1

