

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056371.D
 Acq On : 20 Jan 2023 17:24
 Operator : CG/JU
 Sample : 01239-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-3MSD

Quant Time: Jan 23 00:00:44 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	35634	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	134409	20.000	ng	0.00
39) Acenaphthene-d10	14.920	164	113286	20.000	ng	0.00
64) Phenanthrene-d10	17.652	188	301747	20.000	ng	0.00
76) Chrysene-d12	21.947	240	286556	20.000	ng	0.00
86) Perylene-d12	25.385	264	315204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	255597	128.071	ng	0.00
7) Phenol-d6	7.447	99	359578	117.321	ng	0.00
23) Nitrobenzene-d5	9.480	82	188320	71.668	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	190175	132.549	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	629924	76.785	ng	0.00
79) Terphenyl-d14	20.226	244	1237444	77.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.628	88	32907	36.099	ng	# 92
3) Pyridine	4.051	79	91559	32.977	ng	96
4) n-Nitrosodimethylamine	3.957	42	21219	37.570	ng	93
6) Aniline	7.617	93	132956	33.080	ng	100
8) 2-Chlorophenol	7.864	128	98161	49.427	ng	95
9) Benzaldehyde	7.429	77	42856	23.517	ng	95
10) Phenol	7.476	94	139366	44.838	ng	96
11) bis(2-Chloroethyl)ether	7.705	93	84214	39.981	ng	98
12) 1,3-Dichlorobenzene	8.193	146	115058	47.603	ng	94
13) 1,4-Dichlorobenzene	8.340	146	113926	46.938	ng	95
14) 1,2-Dichlorobenzene	8.663	146	109373	46.701	ng	99
15) Benzyl Alcohol	8.534	79	89321	40.043	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.822	45	16894	45.387	ng	# 87
17) 2-Methylphenol	8.739	107	97020	42.539	ng	97
18) Hexachloroethane	9.397	117	34666	47.015	ng	93
19) n-Nitroso-di-n-propyla...	9.104	70	67146	36.028	ng	97
20) 3+4-Methylphenols	9.068	107	132325	41.267	ng	98
22) Acetophenone	9.127	105	156094	41.073	ng	# 99
24) Nitrobenzene	9.521	77	98202	37.712	ng	93
25) Isophorone	10.038	82	203087	36.734	ng	95
26) 2-Nitrophenol	10.238	139	61862	46.431	ng	97
27) 2,4-Dimethylphenol	10.285	122	105664	43.481	ng	96
28) bis(2-Chloroethoxy)met...	10.514	93	115737	40.278	ng	99
29) 2,4-Dichlorophenol	10.778	162	126839	47.212	ng	99
30) 1,2,4-Trichlorobenzene	10.996	180	133490	43.785	ng	96
31) Naphthalene	11.184	128	305359	43.168	ng	99
32) Benzoic acid	10.426	122	66072	36.644	ng	93
33) 4-Chloroaniline	11.283	127	106331	31.484	ng	94
34) Hexachlorobutadiene	11.460	225	91985	41.950	ng	96
35) Caprolactam	12.059	113	26342	28.960	ng	93
36) 4-Chloro-3-methylphenol	12.388	107	121779	44.671	ng	100
37) 2-Methylnaphthalene	12.770	142	246427	41.258	ng	98
38) 1-Methylnaphthalene	12.981	142	229576	41.391	ng	96
40) 1,2,4,5-Tetrachloroben...	13.128	216	181873	42.835	ng	99
41) Hexachlorocyclopentadiene	13.105	237	237002	97.906	ng	94
43) 2,4,6-Trichlorophenol	13.363	196	130575	46.508	ng	99

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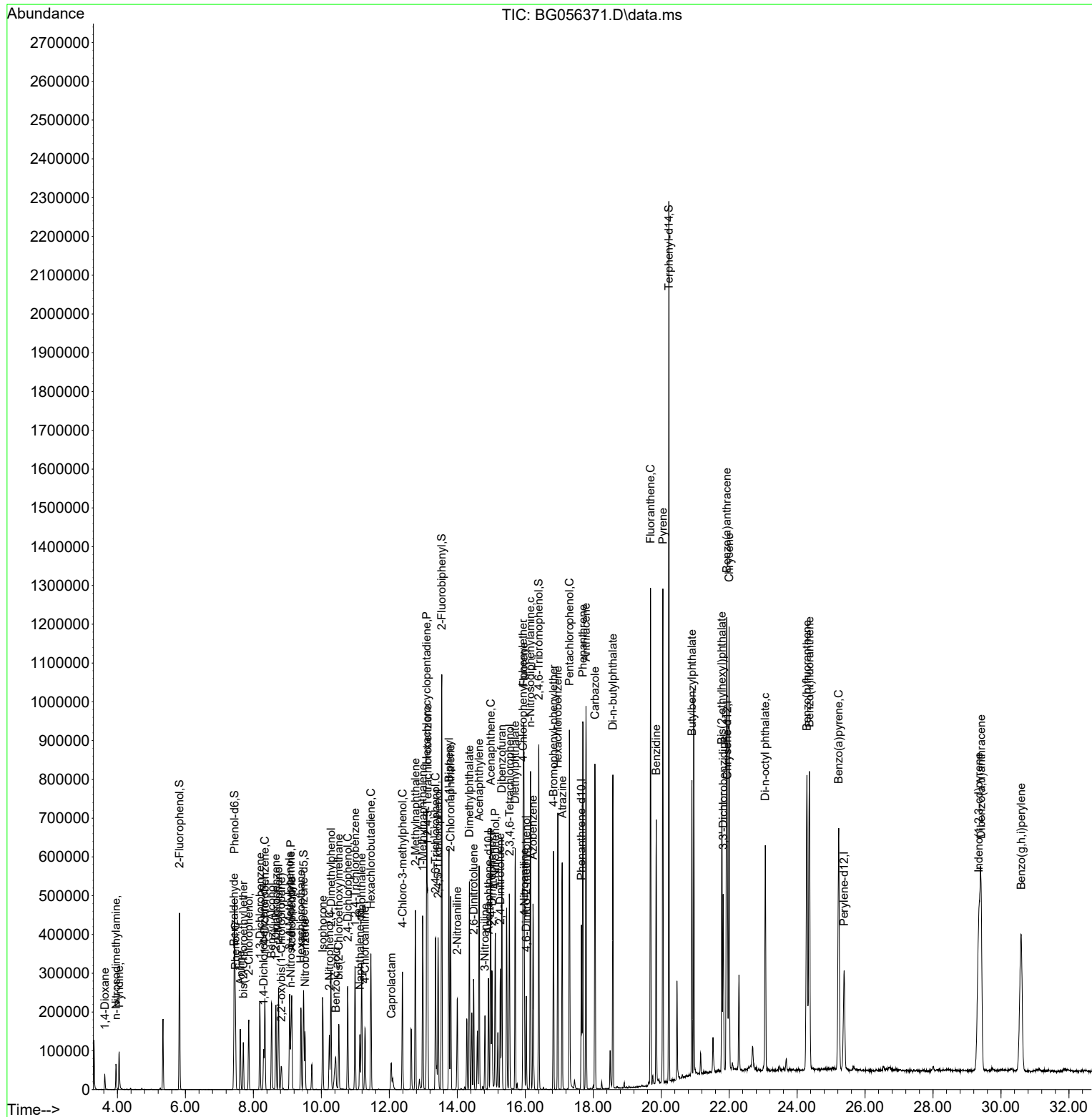
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	143022	43.063	ng	94
46) 1,1'-Biphenyl	13.757	154	364970	44.985	ng	98
47) 2-Chloronaphthalene	13.804	162	289617	45.225	ng	98
48) 2-Nitroaniline	13.998	65	60629	44.436	ng	94
49) Acenaphthylene	14.644	152	460752	44.213	ng	98
50) Dimethylphthalate	14.356	163	398354	43.559	ng	99
51) 2,6-Dinitrotoluene	14.480	165	87856	45.085	ng	95
52) Acenaphthene	14.985	154	275889	40.705	ng	100
53) 3-Nitroaniline	14.815	138	64442	34.748	ng	90
54) 2,4-Dinitrophenol	15.020	184	112319	80.683	ng	94
55) Dibenzofuran	15.314	168	489693	43.660	ng	98
56) 4-Nitrophenol	15.120	139	134479	94.284	ng	86
57) 2,4-Dinitrotoluene	15.267	165	126008	46.237	ng	89
58) Fluorene	15.960	166	398242	44.145	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.537	232	139508	44.737	ng	96
60) Diethylphthalate	15.708	149	374844	43.707	ng	99
61) 4-Chlorophenyl-phenylether	15.937	204	243089	43.179	ng	99
62) 4-Nitroaniline	15.978	138	84960	44.723	ng	92
63) Azobenzene	16.231	77	278892	42.140	ng	96
65) 4,6-Dinitro-2-methylph...	16.031	198	90237	44.386	ng	98
66) n-Nitrosodiphenylamine	16.154	169	370760	44.285	ng	97
67) 4-Bromophenyl-phenylether	16.830	248	170116	44.273	ng	99
68) Hexachlorobenzene	16.959	284	172753	48.189	ng	97
69) Atrazine	17.088	200	160881	46.367	ng	98
70) Pentachlorophenol	17.300	266	213857	77.658	ng	98
71) Phenanthrene	17.694	178	694953	44.441	ng	98
72) Anthracene	17.788	178	713335	44.221	ng	99
73) Carbazole	18.052	167	616146	45.441	ng	99
74) Di-n-butylphthalate	18.581	149	620460	45.904	ng	99
75) Fluoranthene	19.685	202	870344	42.669	ng	99
77) Benzidine	19.856	184	442619	44.076	ng	100
78) Pyrene	20.050	202	883488	43.742	ng	100
80) Butylbenzylphthalate	20.907	149	259310	44.751	ng	94
81) Benzo(a)anthracene	21.930	228	875367	43.492	ng	99
82) 3,3'-Dichlorobenzidine	21.824	252	207749	28.674	ng	98
83) Chrysene	22.000	228	811492	43.043	ng	99
84) Bis(2-ethylhexyl)phtha...	21.789	149	368933	44.193	ng	99
85) Di-n-octyl phthalate	23.064	149	626471	44.452	ng	100
87) Indeno(1,2,3-cd)pyrene	29.345	276	1041329	45.426	ng	# 99
88) Benzo(b)fluoranthene	24.292	252	904232	45.151	ng	98
89) Benzo(k)fluoranthene	24.362	252	889573	44.606	ng	99
90) Benzo(a)pyrene	25.226	252	807447	41.337	ng	99
91) Dibenzo(a,h)anthracene	29.415	278	874615	45.507	ng	98
92) Benzo(g,h,i)perylene	30.590	276	837742	44.949	ng	99

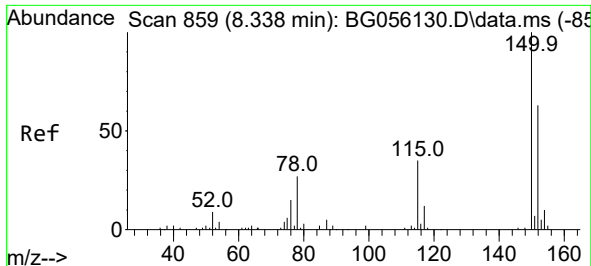
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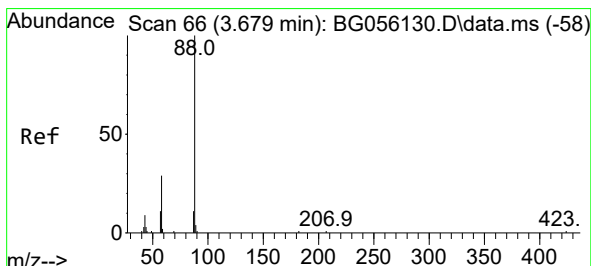
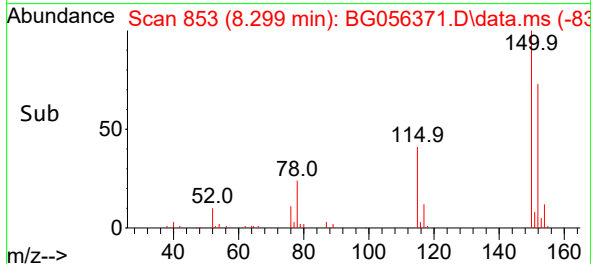
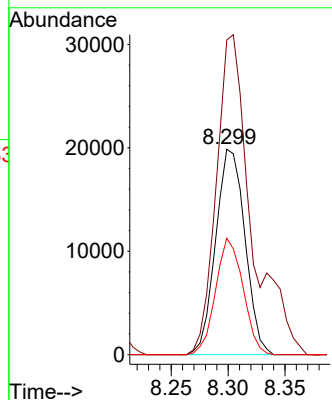
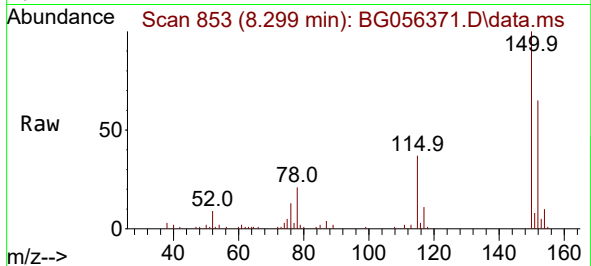




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.299 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG056371.D
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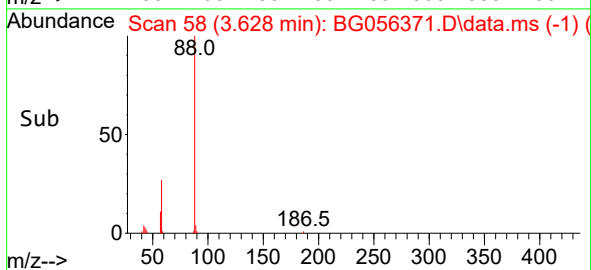
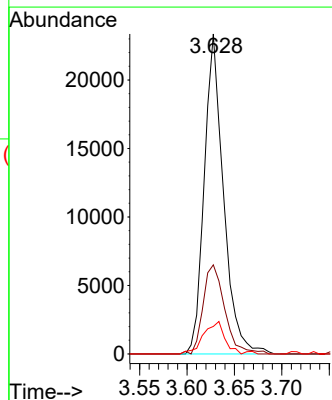
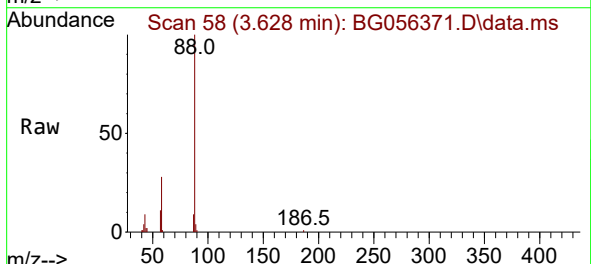
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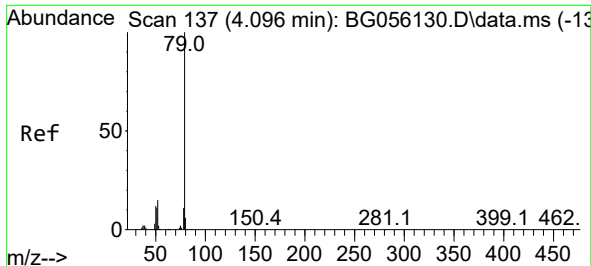
Tgt Ion:152 Resp: 35634
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.9 191.9
 115 56.7 44.2 66.2



#2
 1,4-Dioxane
 Concen: 36.099 ng
 RT: 3.628 min Scan# 58
 Delta R.T. -0.007 min
 Lab File: BG056371.D
 Acq: 20 Jan 2023 17:24

Tgt Ion: 88 Resp: 32907
 Ion Ratio Lower Upper
 88 100
 58 31.3 21.4 32.0
 43 11.4 7.1 10.7#

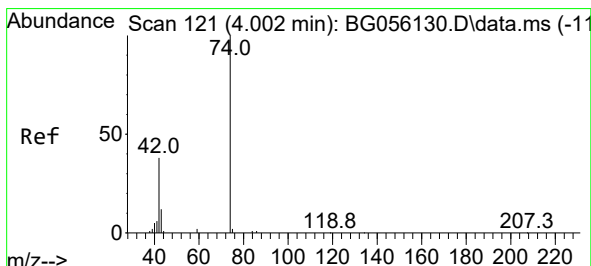
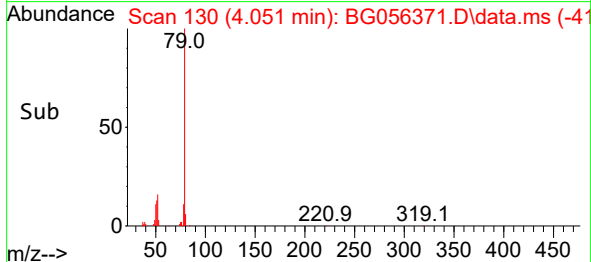
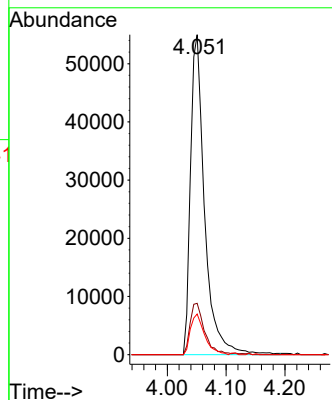
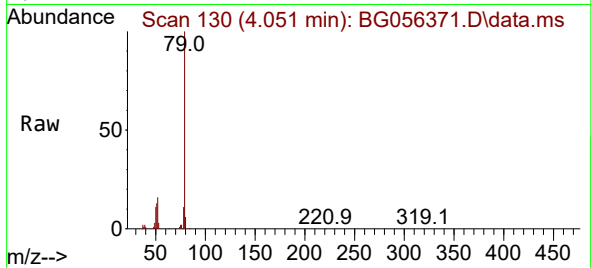




#3
Pyridine
Concen: 32.977 ng
RT: 4.051 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

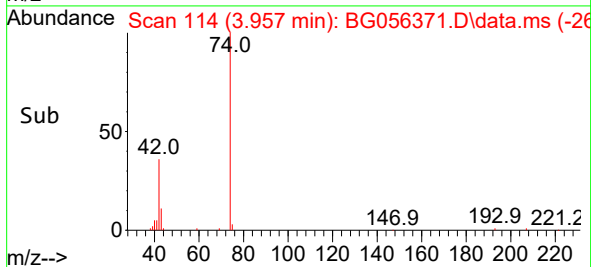
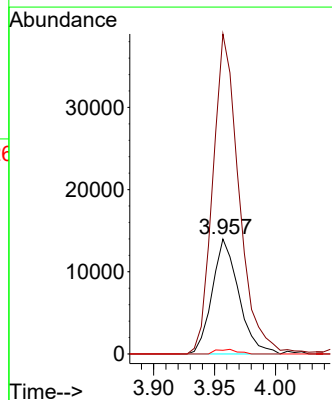
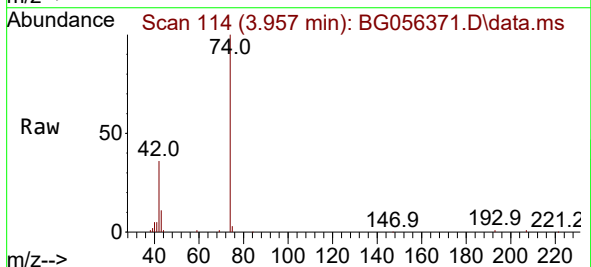
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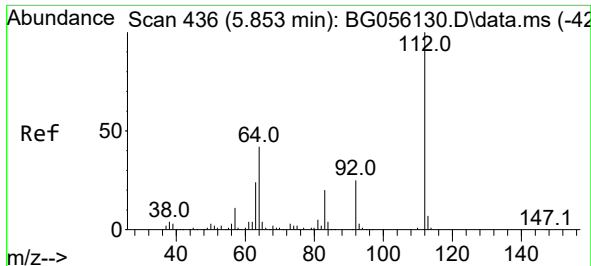
Tgt Ion: 79 Resp: 91559
Ion Ratio Lower Upper
79 100
52 16.1 11.8 17.6
51 12.7 8.8 13.2



#4
n-Nitrosodimethylamine
Concen: 37.570 ng
RT: 3.957 min Scan# 114
Delta R.T. -0.013 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 42 Resp: 21219
Ion Ratio Lower Upper
42 100
74 278.6 212.6 319.0
44 3.2 2.6 3.8

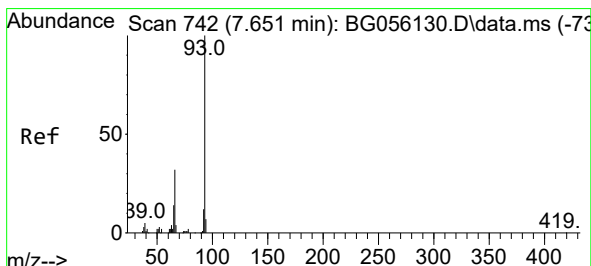
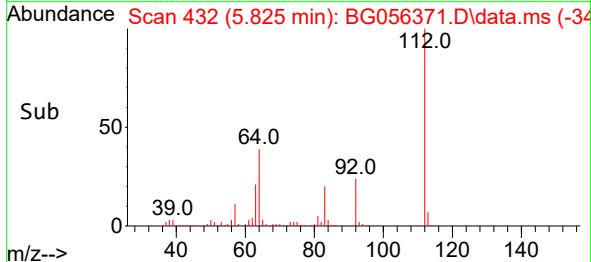
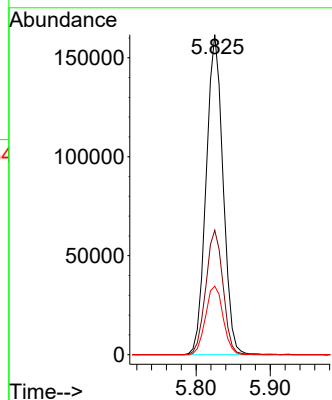
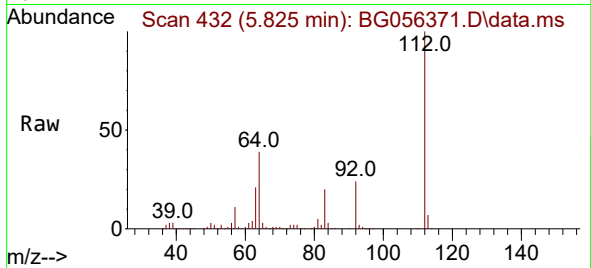




#5
2-Fluorophenol
Concen: 128.071 ng
RT: 5.825 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

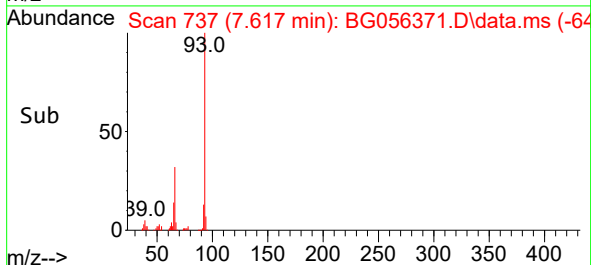
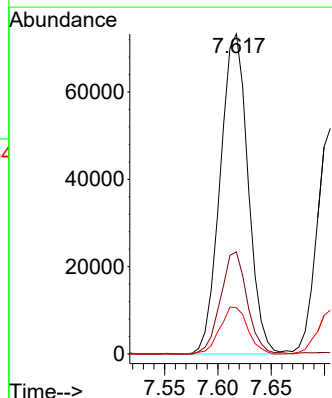
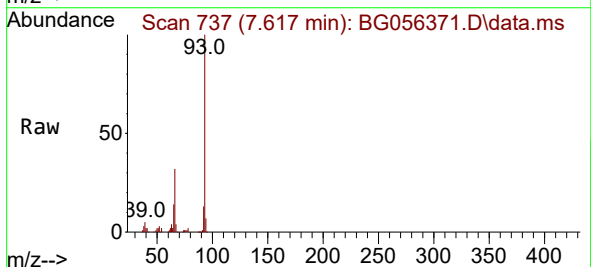
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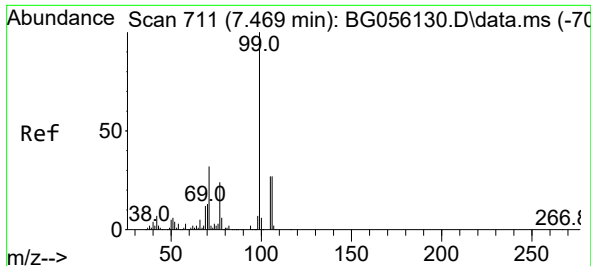
Tgt Ion:112 Resp: 255597
Ion Ratio Lower Upper
112 100
64 38.9 33.3 49.9
63 21.4 19.0 28.4



#6
Aniline
Concen: 33.080 ng
RT: 7.617 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG056371.D
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Tgt Ion: 93 Resp: 132956
Ion Ratio Lower Upper
93 100
66 31.9 25.4 38.2
65 14.5 11.4 17.2

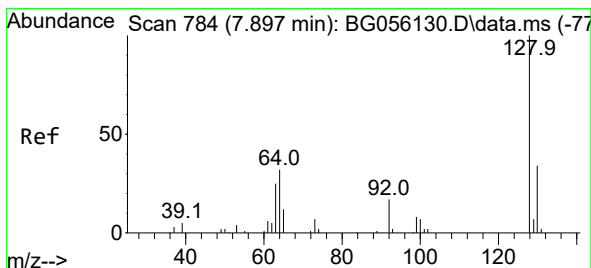
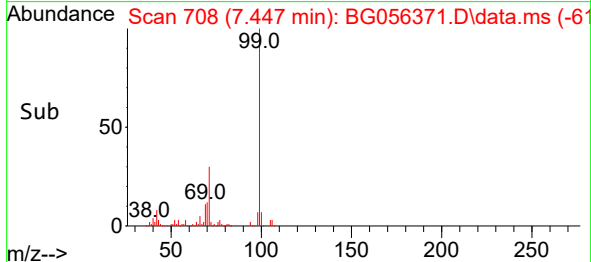
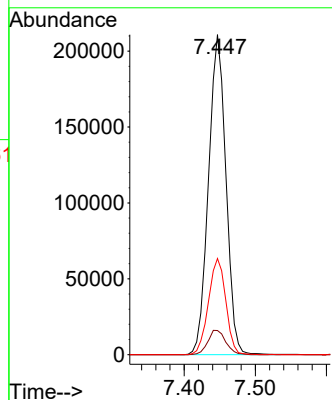
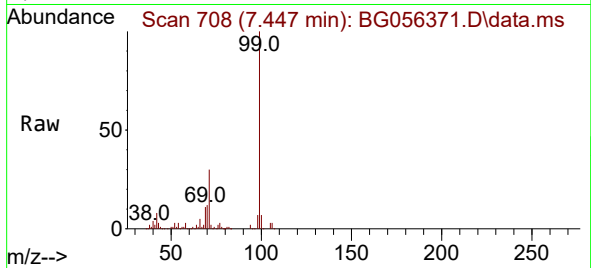




#7
Phenol-d6
Concen: 117.321 ng
RT: 7.447 min Scan# 708
Delta R.T. -0.001 min
Lab File: BG056371.D
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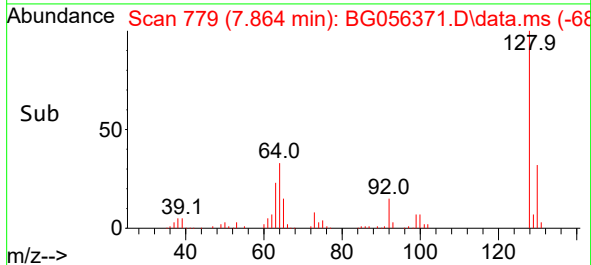
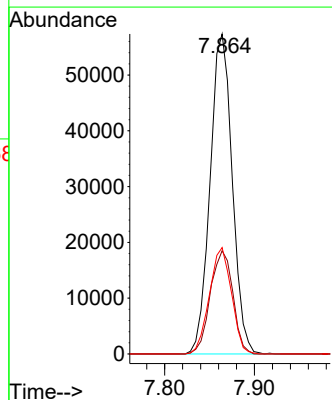
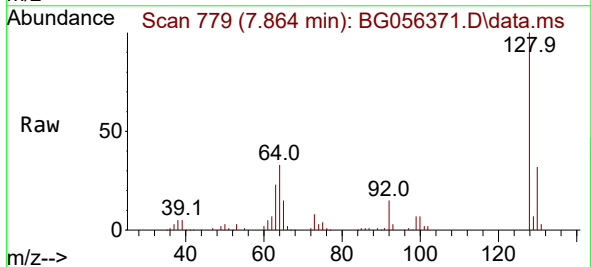
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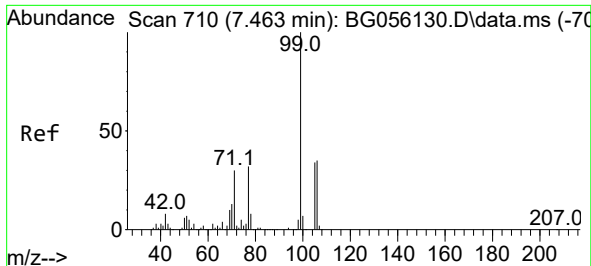
Tgt Ion: 99 Resp: 359578
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.1 25.4 38.2



#8
2-Chlorophenol
Concen: 49.427 ng
RT: 7.864 min Scan# 779
Delta R.T. -0.001 min
Lab File: BG056371.D
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Tgt Ion: 128 Resp: 98161
Ion Ratio Lower Upper
128 100
130 32.3 13.5 53.5
64 33.2 18.0 58.0

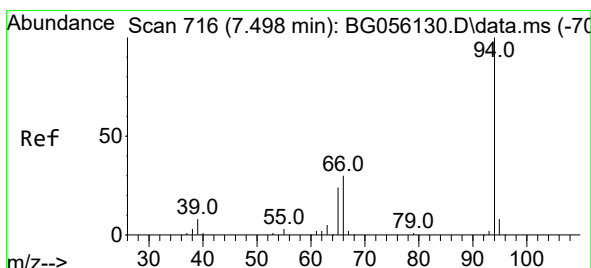
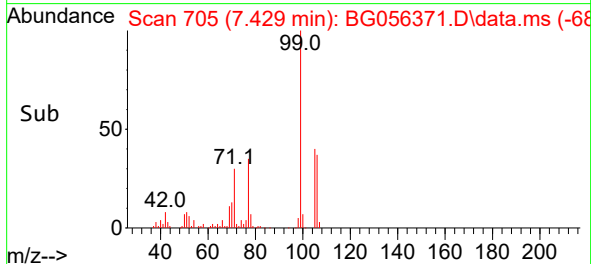
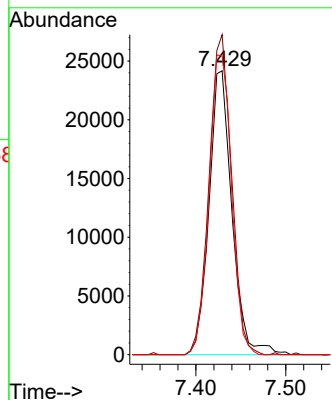
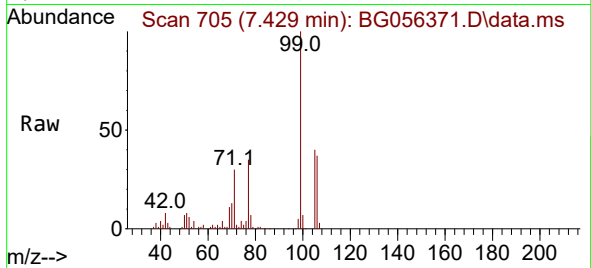




#9
Benzaldehyde
Concen: 23.517 ng
RT: 7.429 min Scan# 705
Delta R.T. -0.001 min
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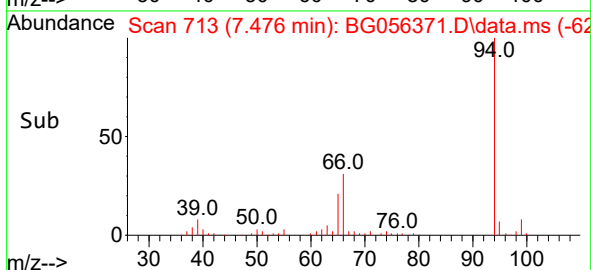
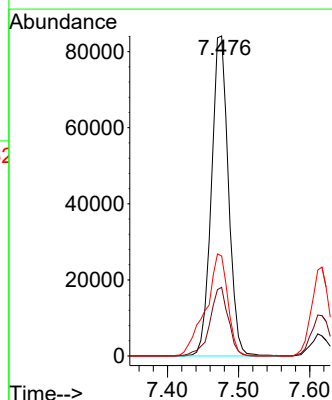
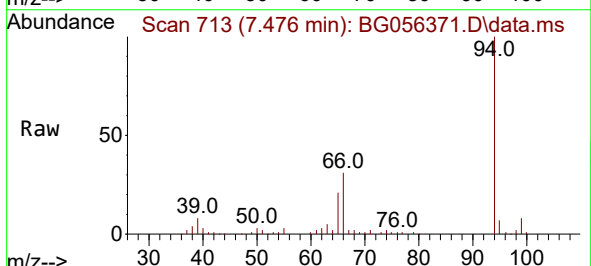
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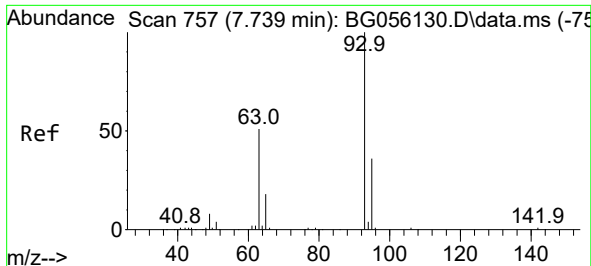
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Ion Ratio Lower Upper
77 100
105 112.7 86.8 126.8
106 105.3 89.3 129.3



#10
Phenol
Concen: 44.838 ng
RT: 7.476 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 94 Resp: 139366
Ion Ratio Lower Upper
94 100
65 21.4 4.3 44.3
66 31.2 13.2 53.2

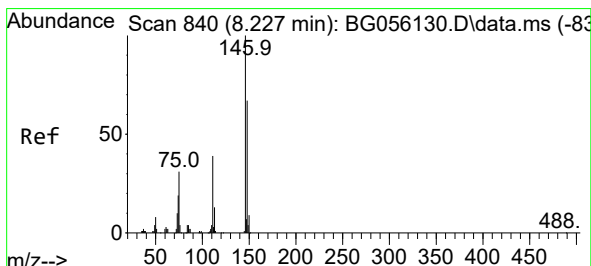
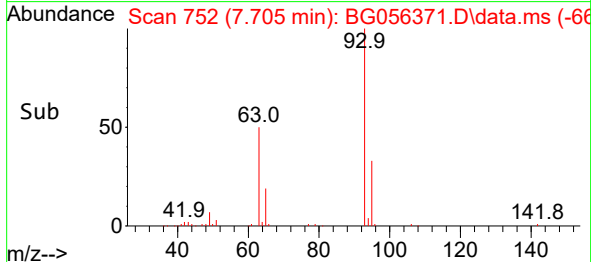
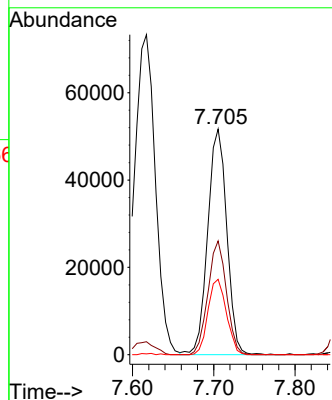
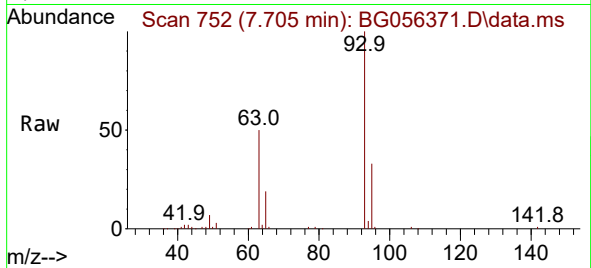




#11
bis(2-Chloroethyl)ether
Concen: 39.981 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

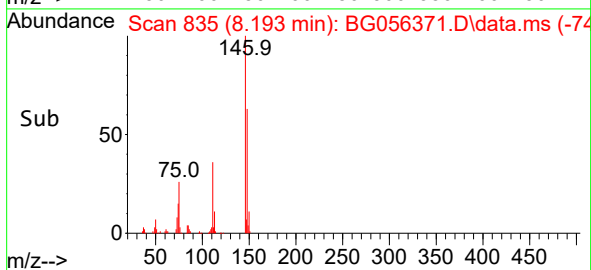
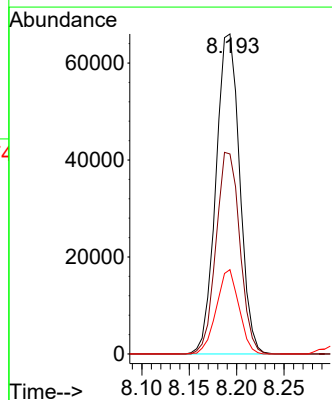
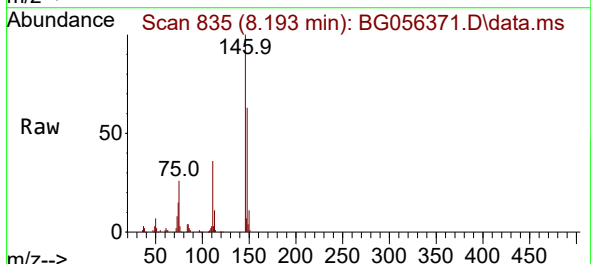
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

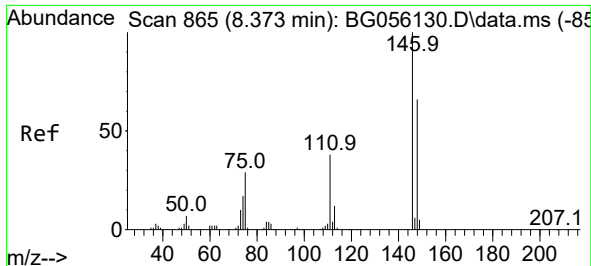
Tgt Ion: 93 Resp: 84214
Ion Ratio Lower Upper
93 100
63 50.4 30.5 70.5
95 33.4 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 47.603 ng
RT: 8.193 min Scan# 835
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 146 Resp: 115058
Ion Ratio Lower Upper
146 100
148 62.5 53.5 80.3
75 26.4 24.8 37.2

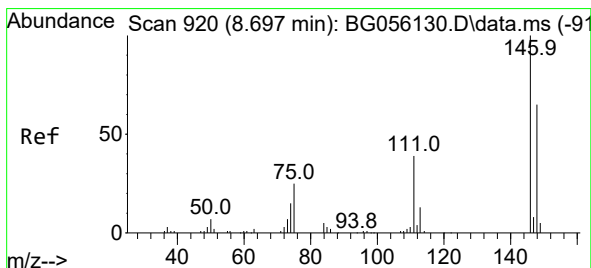
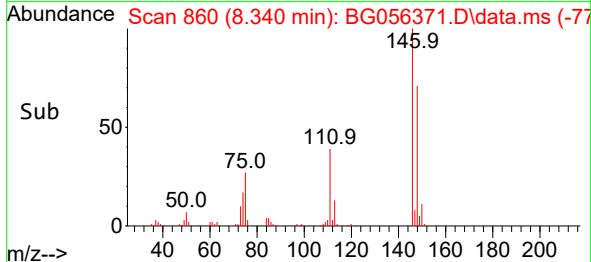
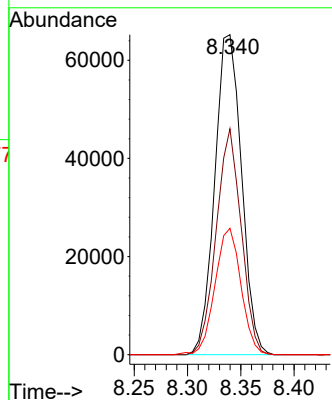
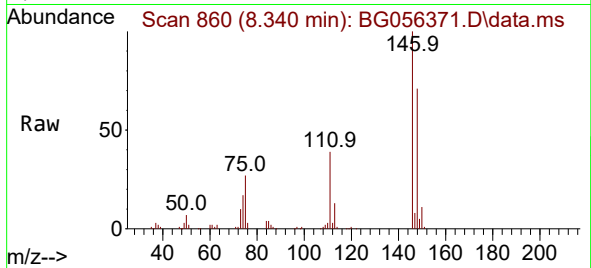




#13
1,4-Dichlorobenzene
Concen: 46.938 ng
RT: 8.340 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

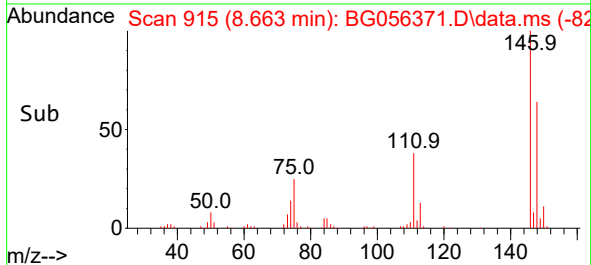
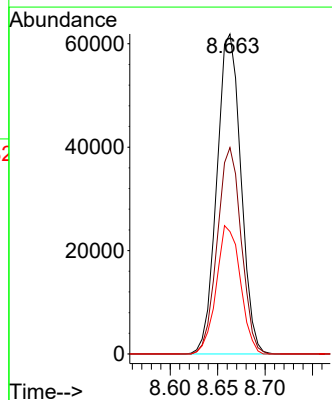
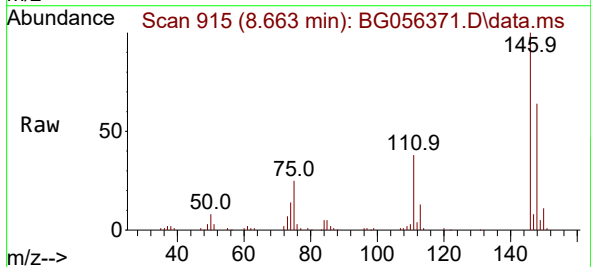
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

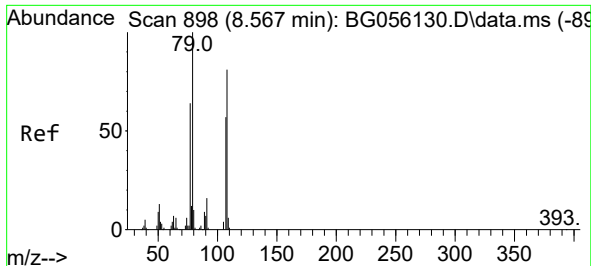
Tgt Ion:146 Resp: 113926
Ion Ratio Lower Upper
146 100
148 70.6 52.8 79.2
111 39.5 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 46.701 ng
RT: 8.663 min Scan# 915
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:146 Resp: 109373
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 38.2 31.5 47.3

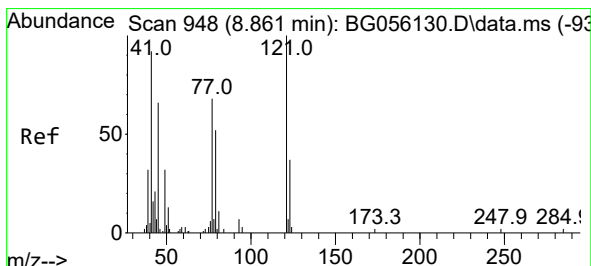
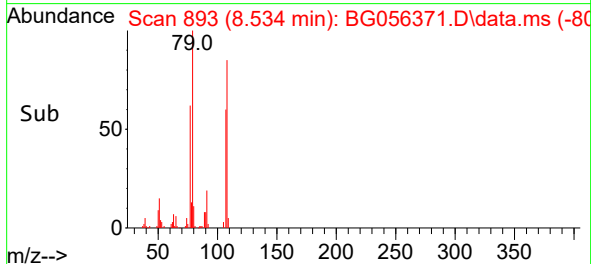
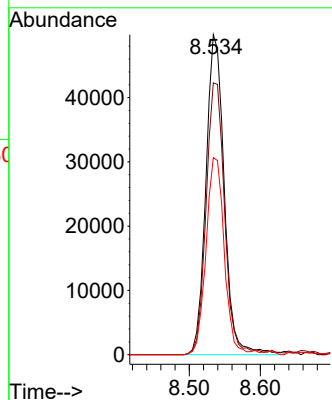
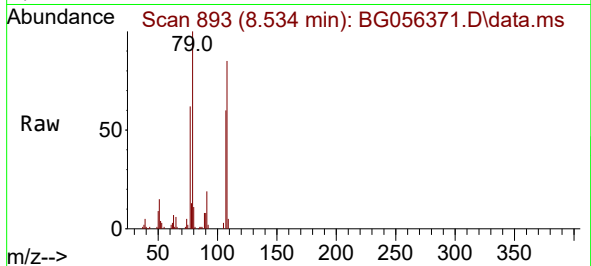




#15
Benzyl Alcohol
Concen: 40.043 ng
RT: 8.534 min Scan# 898
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

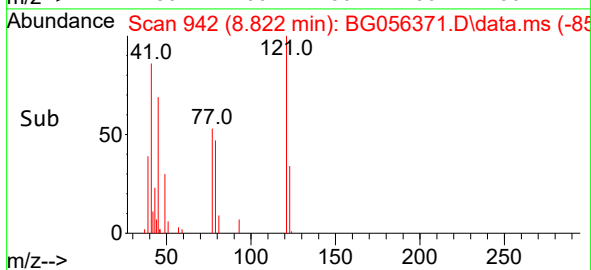
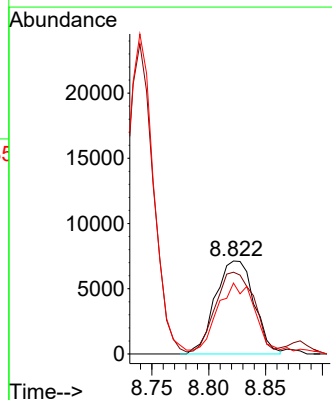
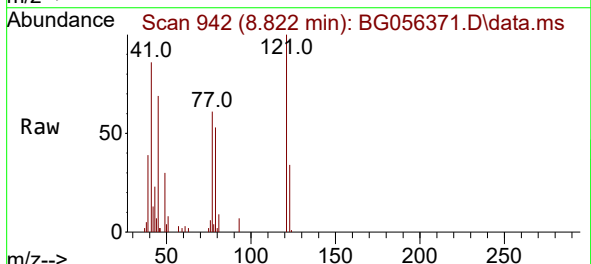
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

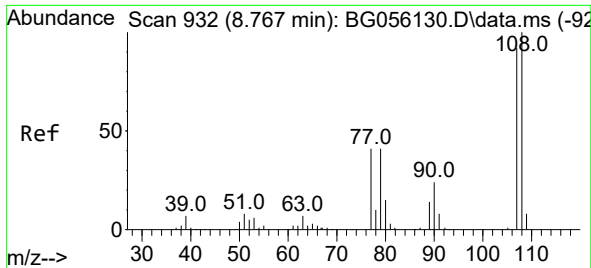
Tgt Ion: 79 Resp: 89321
Ion Ratio Lower Upper
79 100
108 84.9 64.7 97.1
77 61.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.387 ng
RT: 8.822 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 45 Resp: 16894
Ion Ratio Lower Upper
45 100
77 88.1 88.2 128.2#
79 76.3 61.2 101.2

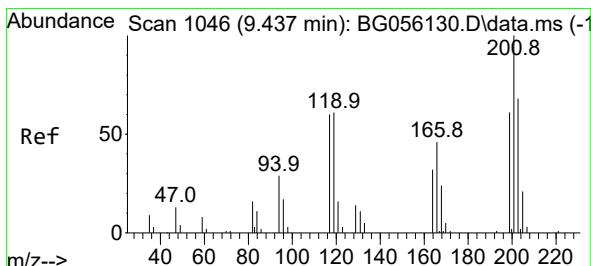
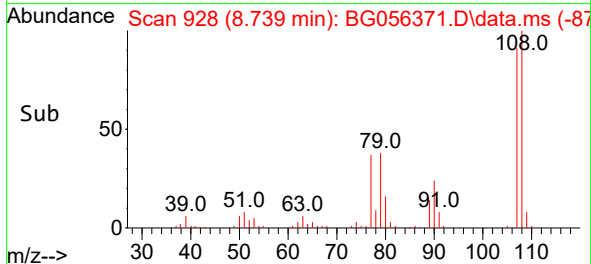
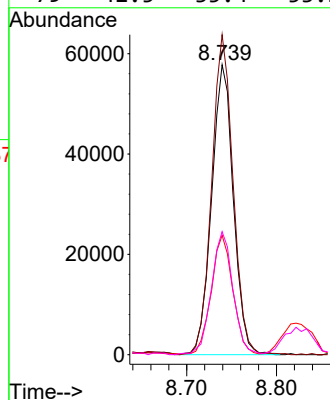
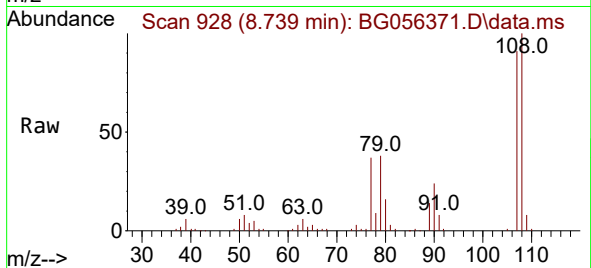




#17
2-Methylphenol
Concen: 42.539 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

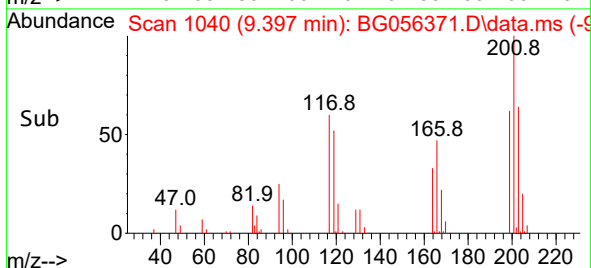
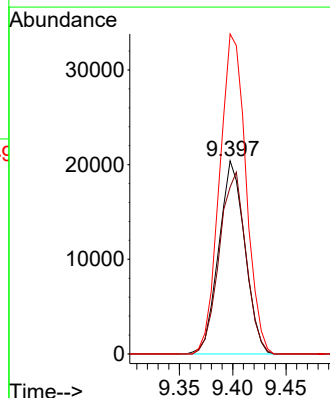
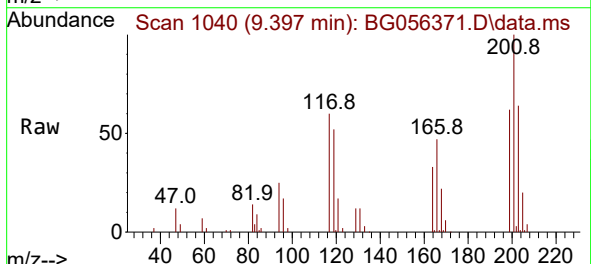
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

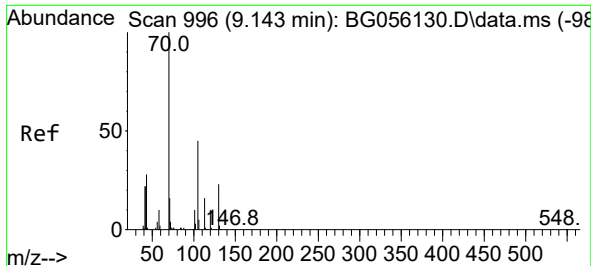
Tgt Ion:	107	Resp:	97020
Ion	Ratio	Lower	Upper
107	100		
108	110.4	86.6	129.8
77	41.2	35.4	53.2
79	42.5	35.4	53.2



#18
Hexachloroethane
Concen: 47.015 ng
RT: 9.397 min Scan# 1040
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:	117	Resp:	34666
Ion	Ratio	Lower	Upper
117	100		
119	86.4	81.8	122.6
201	165.8	134.2	201.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.028 ng

RT: 9.104 min Scan# 996

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

Tgt Ion: 70 Resp: 67146

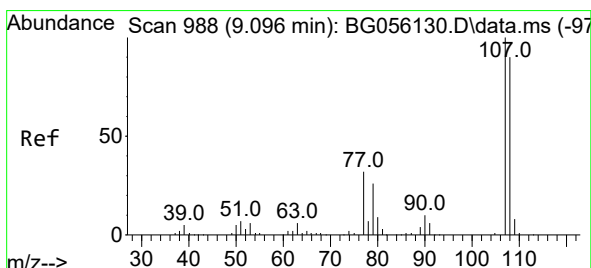
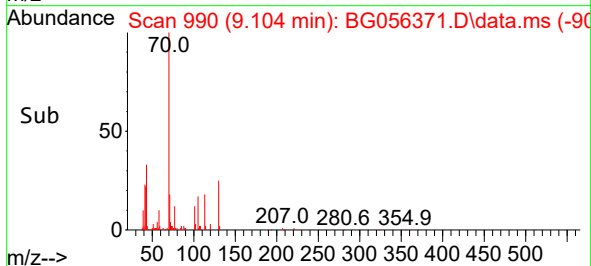
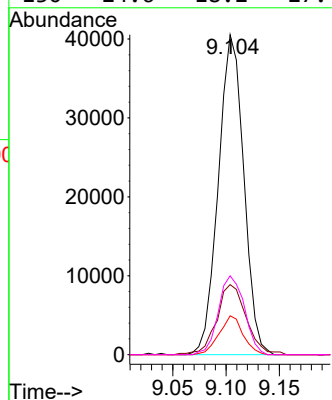
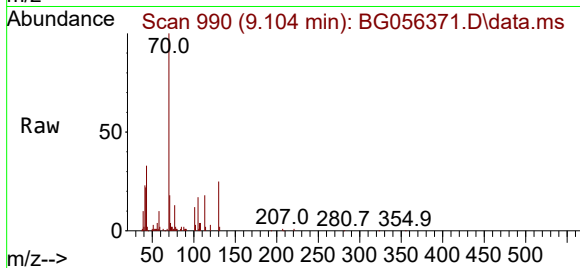
Ion Ratio Lower Upper

70 100

42 21.9 18.2 27.2

101 12.2 8.3 12.5

130 24.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 41.267 ng

RT: 9.068 min Scan# 984

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Tgt Ion: 107 Resp: 132325

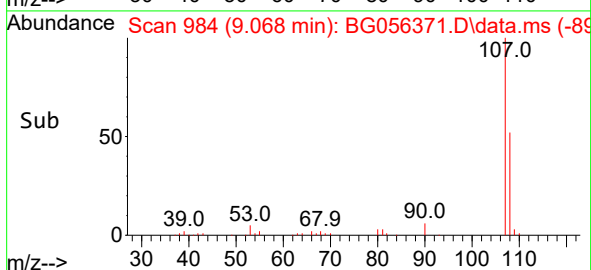
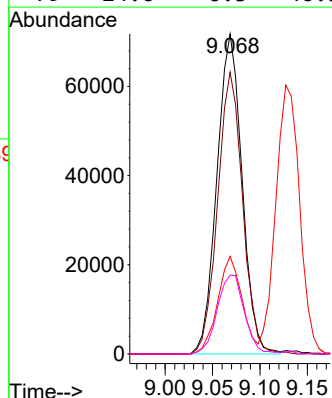
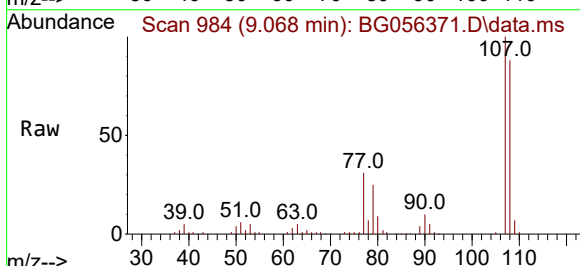
Ion Ratio Lower Upper

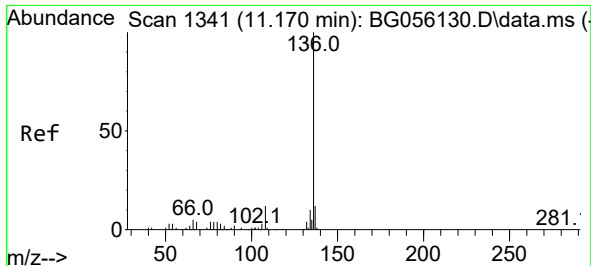
107 100

108 88.1 69.6 109.6

77 30.5 11.7 51.7

79 24.6 6.3 46.3

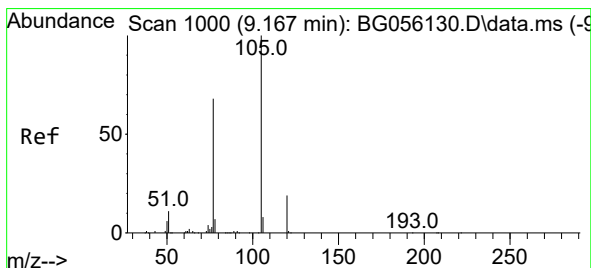
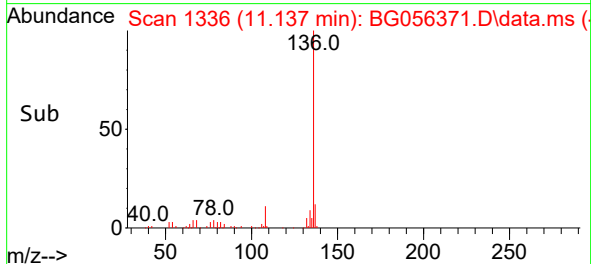
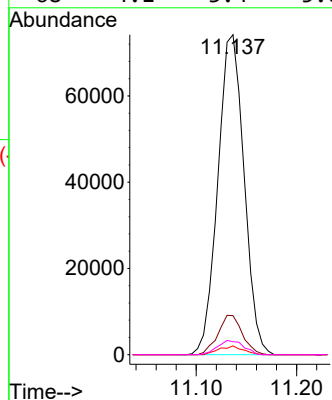
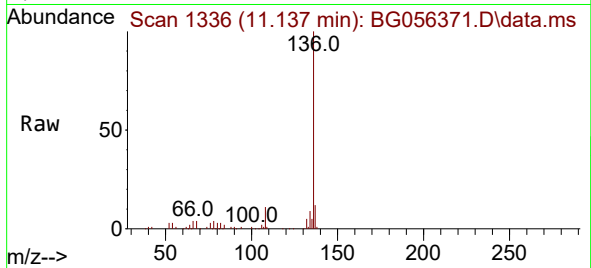




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

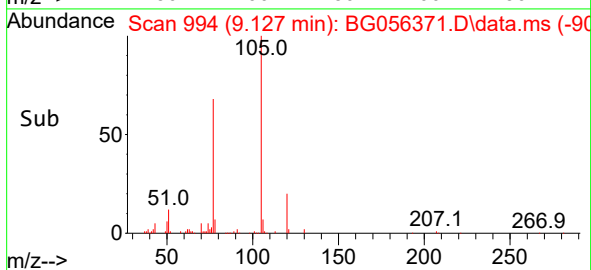
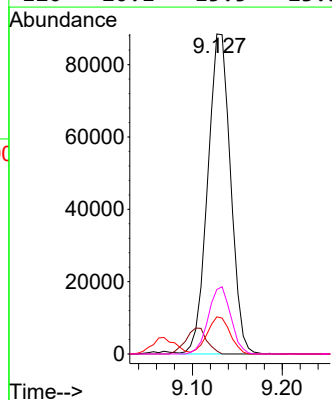
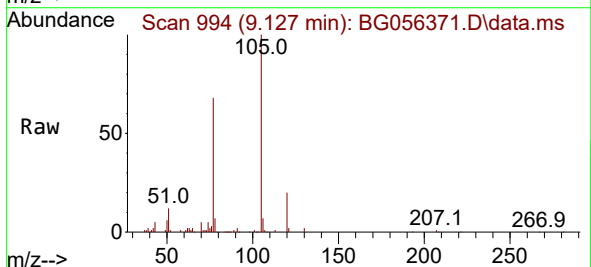
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

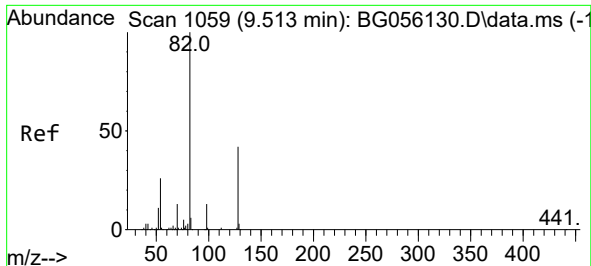
Tgt Ion:136 Resp: 134409
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.7 2.2 3.2
68 4.1 3.4 5.0



#22
Acetophenone
Concen: 41.073 ng
RT: 9.127 min Scan# 994
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:105 Resp: 156094
Ion Ratio Lower Upper
105 100
71 1.0 0.5 0.7#
51 11.6 9.3 13.9
120 20.1 15.5 23.3

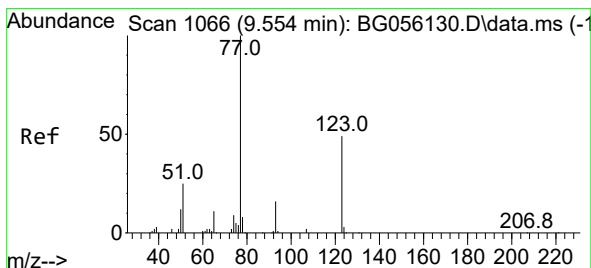
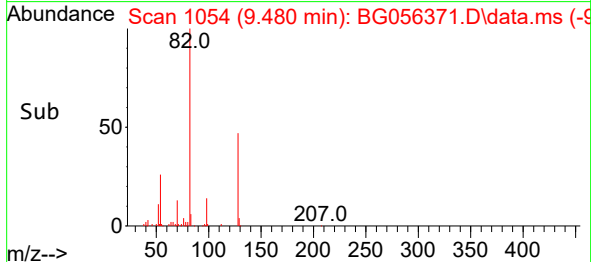
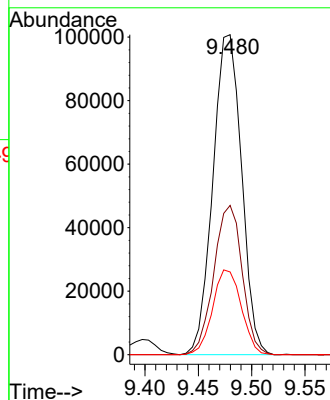
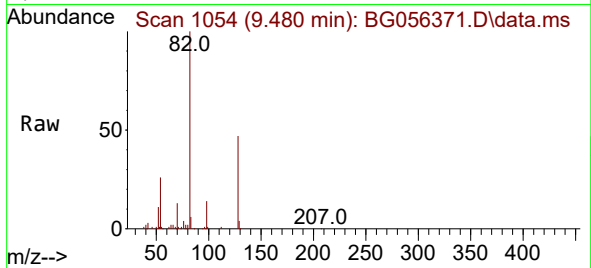




#23
Nitrobenzene-d5
Concen: 71.668 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

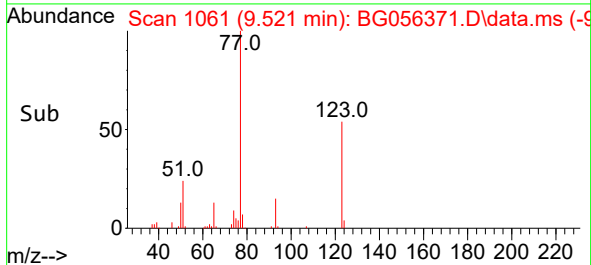
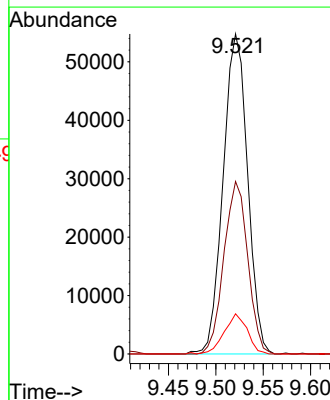
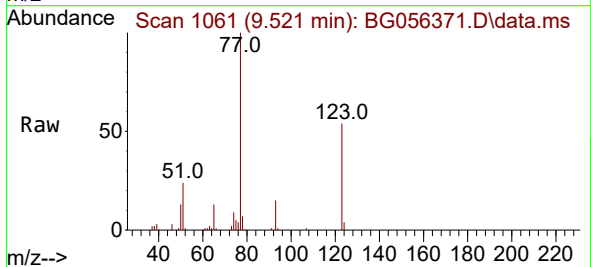
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

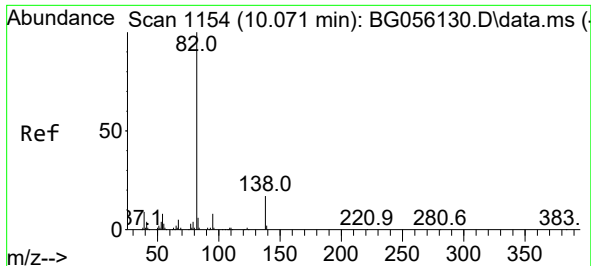
Tgt Ion: 82 Resp: 188320
Ion Ratio Lower Upper
82 100
128 46.6 33.4 50.2
54 25.8 20.3 30.5



#24
Nitrobenzene
Concen: 37.712 ng
RT: 9.521 min Scan# 1061
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 77 Resp: 98202
Ion Ratio Lower Upper
77 100
123 53.9 38.8 58.2
65 12.6 9.1 13.7

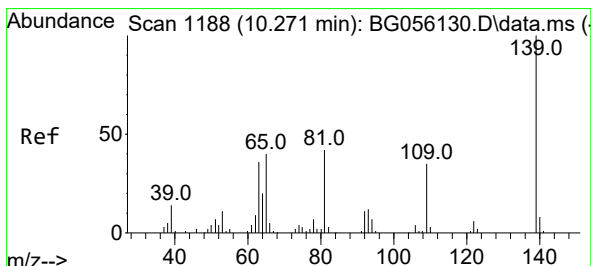
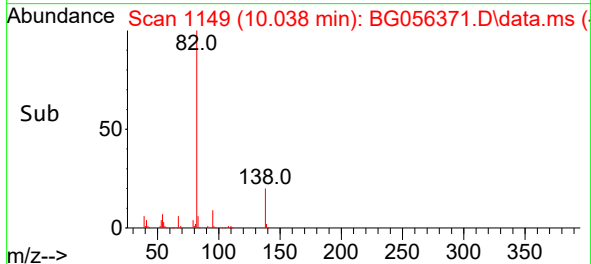
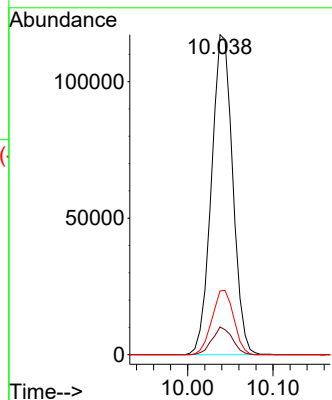
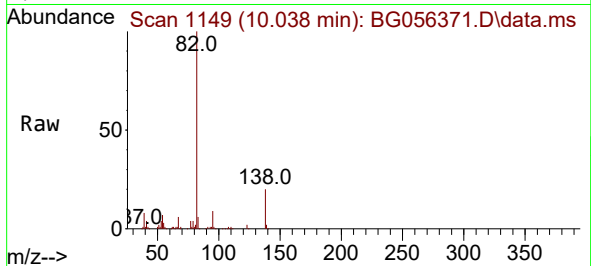




#25
Isophorone
Concen: 36.734 ng
RT: 10.038 min Scan# 1149
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

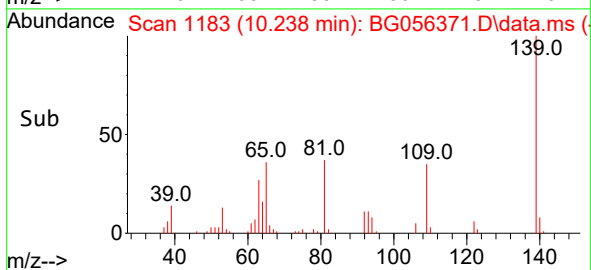
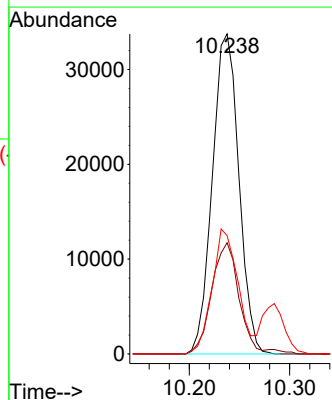
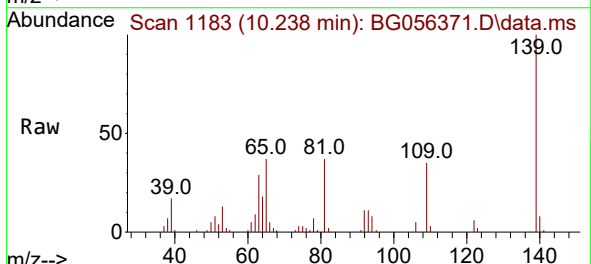
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

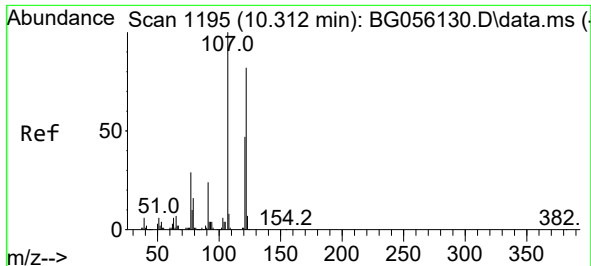
Tgt Ion: 82 Resp: 203087
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 20.0 13.7 20.5



#26
2-Nitrophenol
Concen: 46.431 ng
RT: 10.238 min Scan# 1183
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:139 Resp: 61862
Ion Ratio Lower Upper
139 100
109 34.8 28.4 42.6
65 37.0 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 43.481 ng

RT: 10.285 min Scan# 1191

Delta R.T. -0.001 min

Lab File: BG056371.D

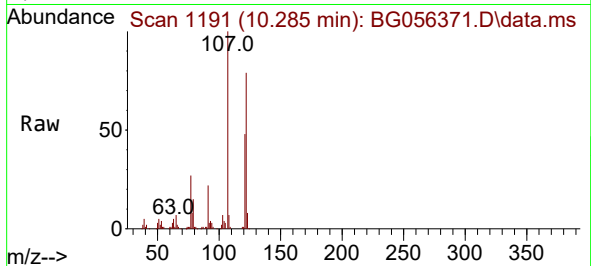
Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD



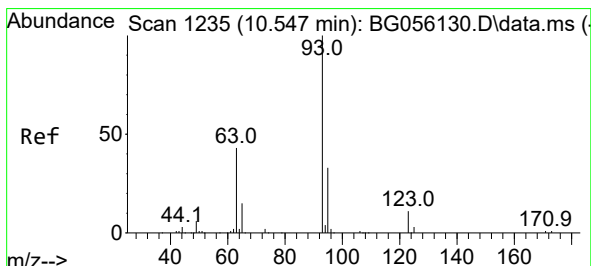
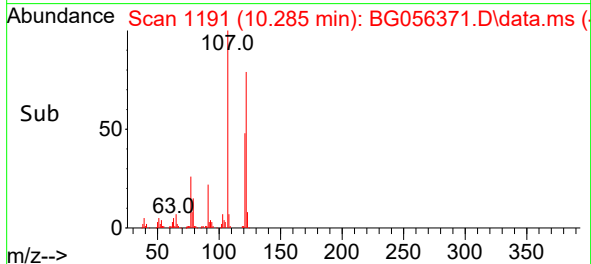
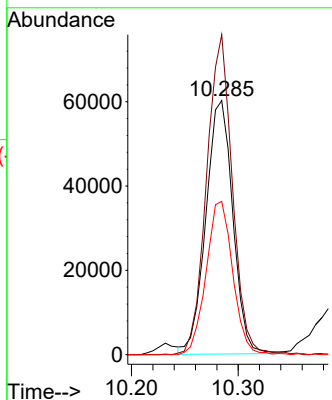
Tgt Ion:122 Resp: 105664

Ion Ratio Lower Upper

122 100

107 125.9 97.5 146.3

121 60.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.278 ng

RT: 10.514 min Scan# 1230

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

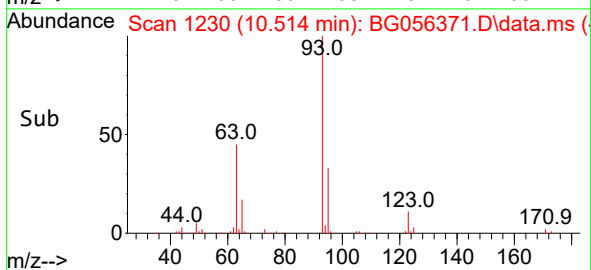
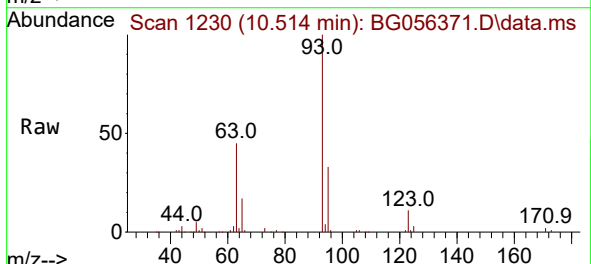
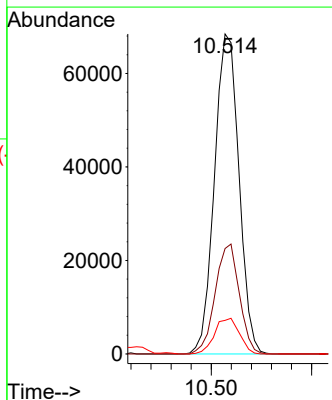
Tgt Ion: 93 Resp: 115737

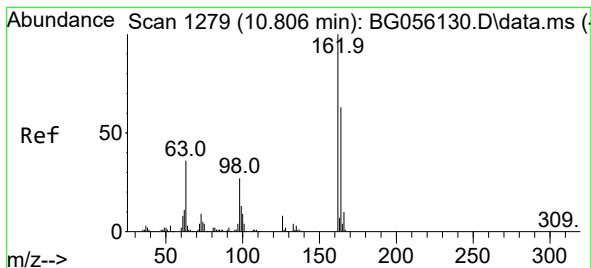
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 10.5 9.0 13.6

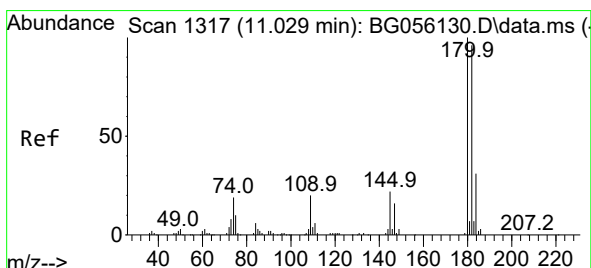
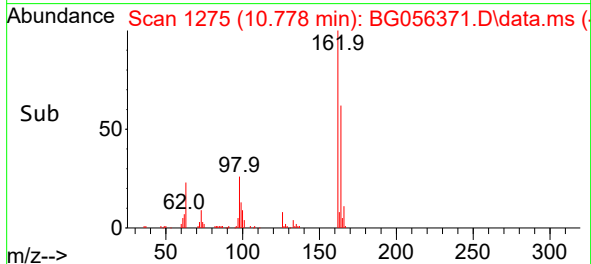
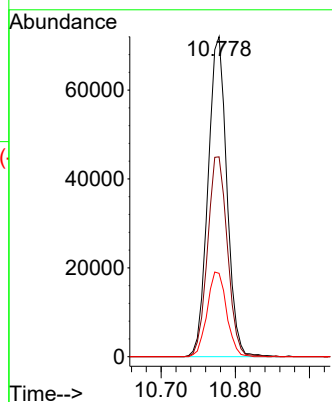
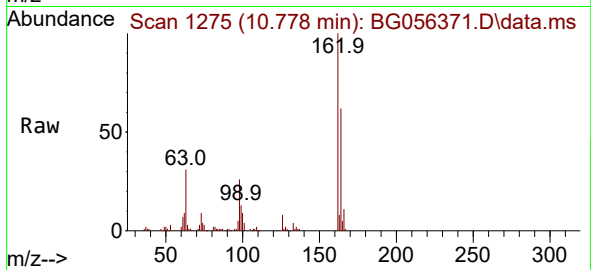




#29
2,4-Dichlorophenol
Concen: 47.212 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

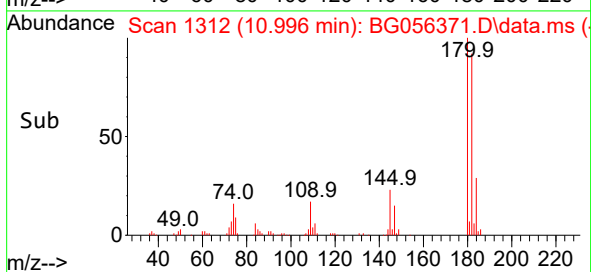
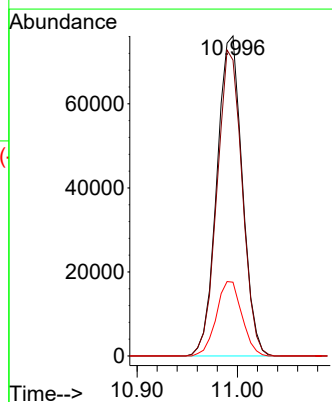
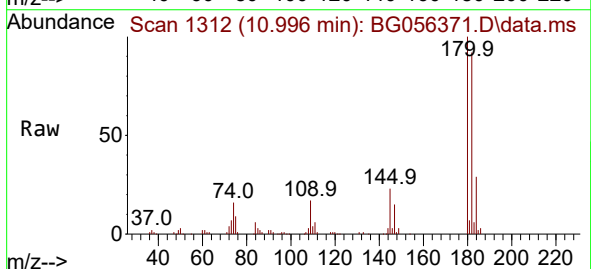
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

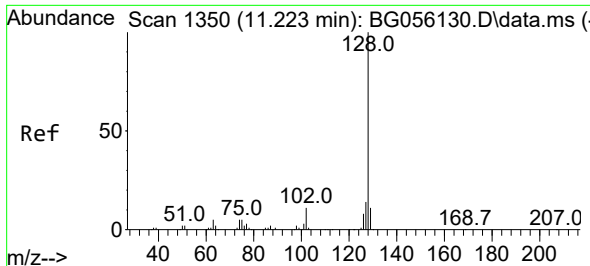
Tgt Ion:162 Resp: 126839
Ion Ratio Lower Upper
162 100
164 62.4 43.3 83.3
98 26.1 6.8 46.8



#30
1,2,4-Trichlorobenzene
Concen: 43.785 ng
RT: 10.996 min Scan# 1312
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:180 Resp: 133490
Ion Ratio Lower Upper
180 100
182 92.5 77.0 115.4
145 23.1 17.4 26.2

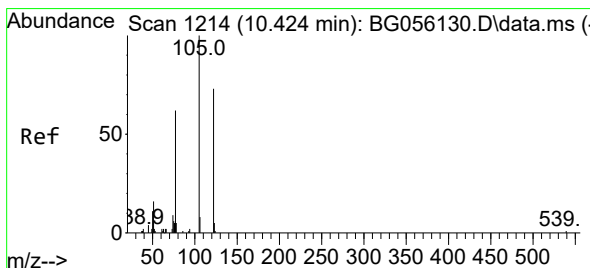
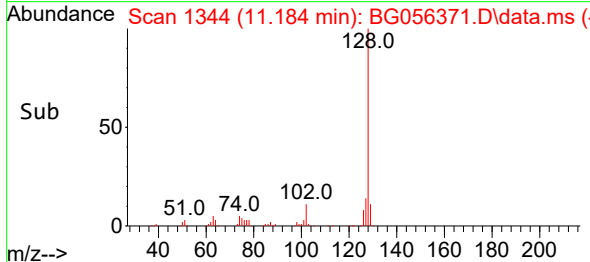
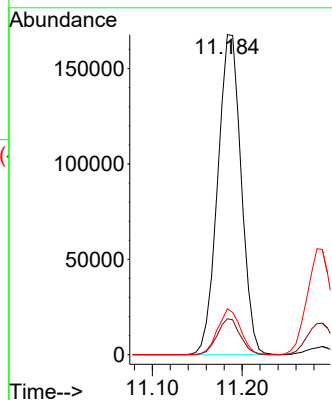
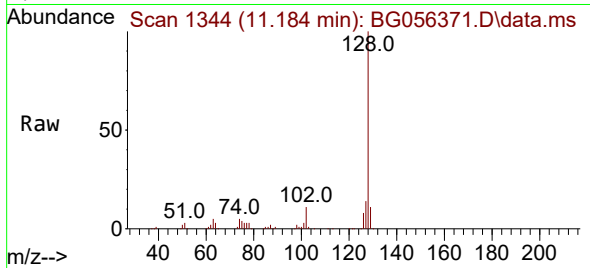




#31
Naphthalene
Concen: 43.168 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

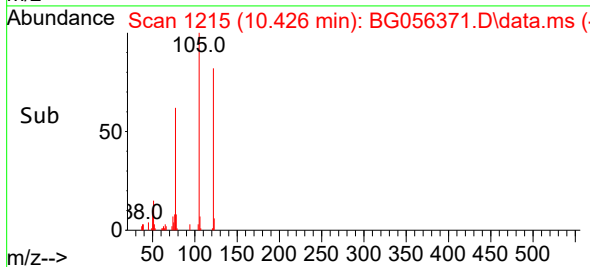
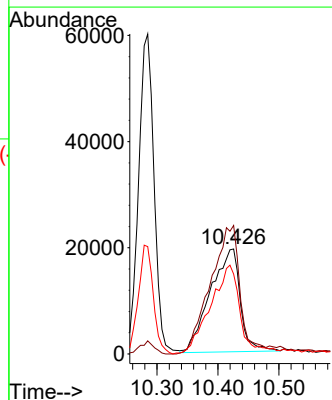
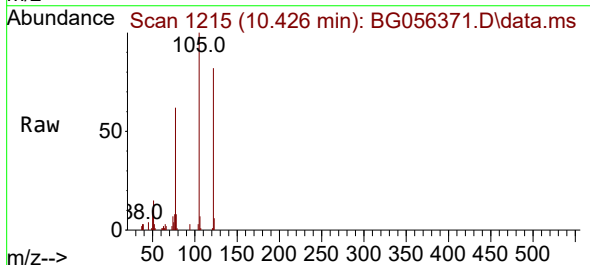
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

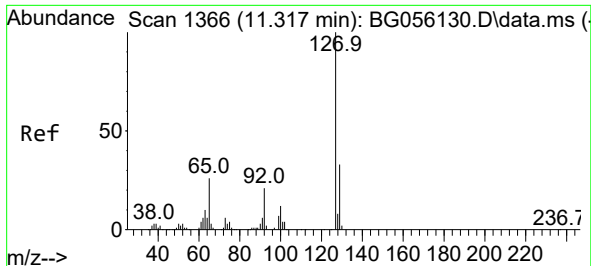
Tgt Ion:128 Resp: 305359
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.3 11.2 16.8



#32
Benzoic acid
Concen: 36.644 ng
RT: 10.426 min Scan# 1215
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:122 Resp: 66072
Ion Ratio Lower Upper
122 100
105 122.4 109.0 149.0
77 76.1 63.1 103.1

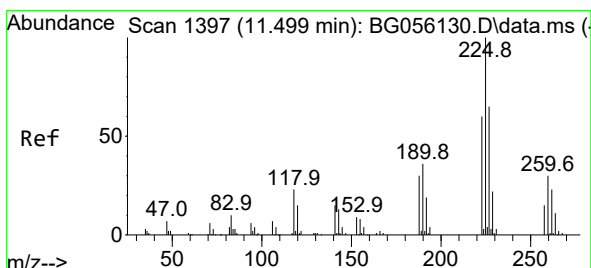
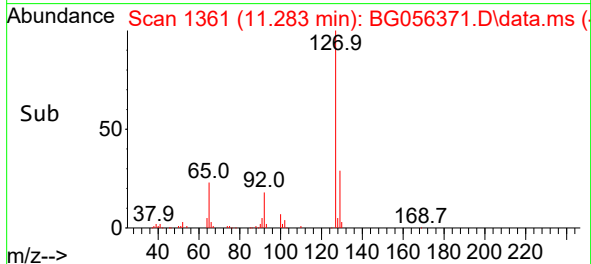
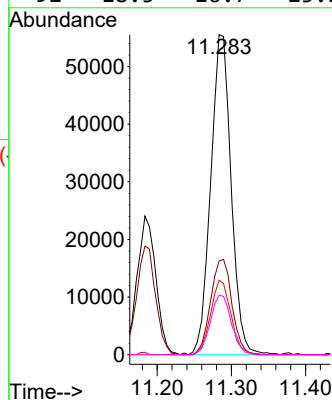
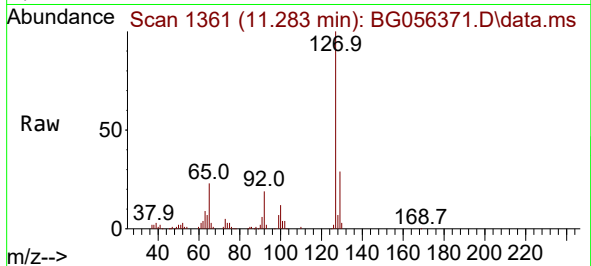




#33
4-Chloroaniline
Concen: 31.484 ng
RT: 11.283 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

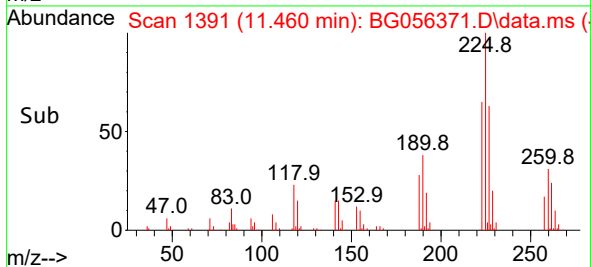
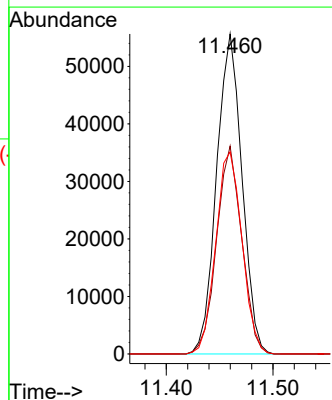
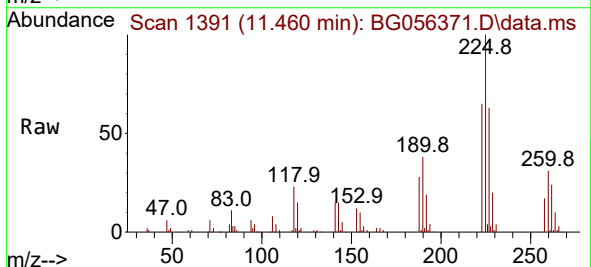
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

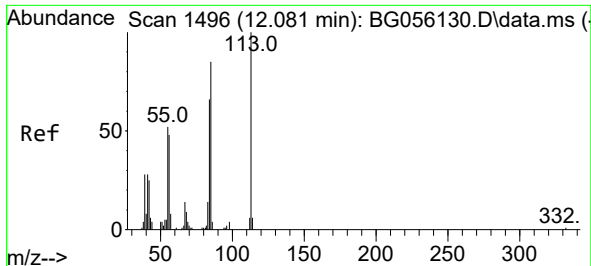
Tgt Ion:	127	Resp:	106331
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.1	39.1
65	23.2	20.9	31.3
92	18.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.950 ng
RT: 11.460 min Scan# 1391
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:	225	Resp:	91985
Ion	Ratio	Lower	Upper
225	100		
223	65.0	47.7	71.5
227	65.9	52.3	78.5

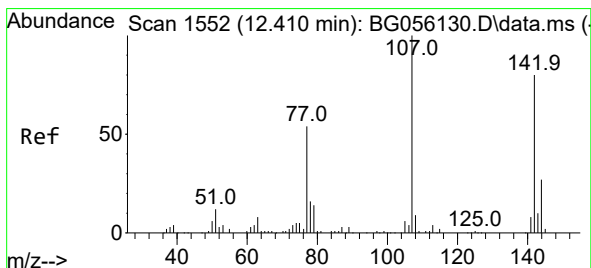
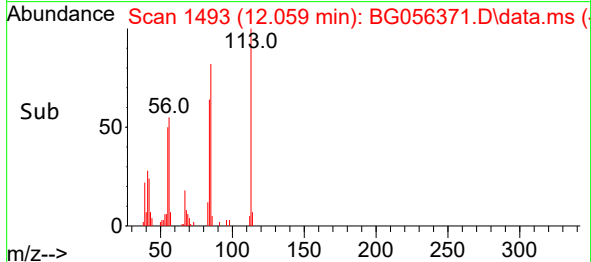
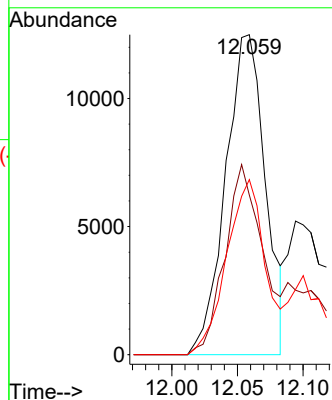
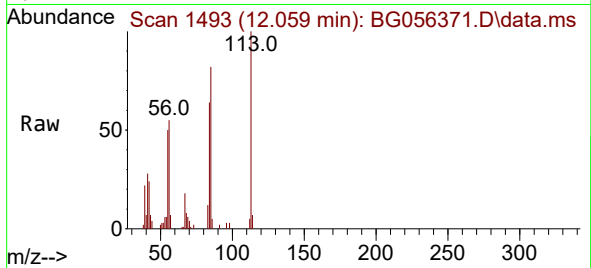




#35
 Caprolactam
 Concen: 28.960 ng
 RT: 12.059 min Scan# 1496
 Delta R.T. -0.007 min
 Lab File: BG056371.D
 Acq: 20 Jan 2023 17:24

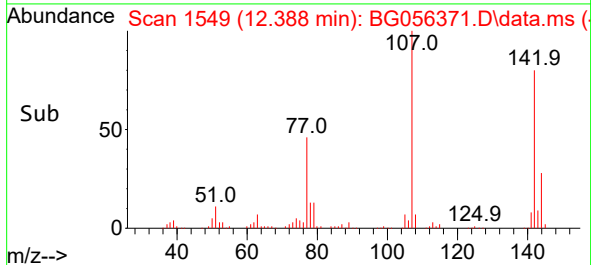
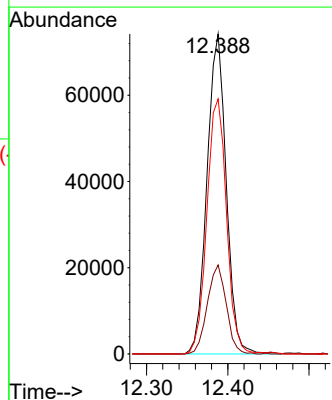
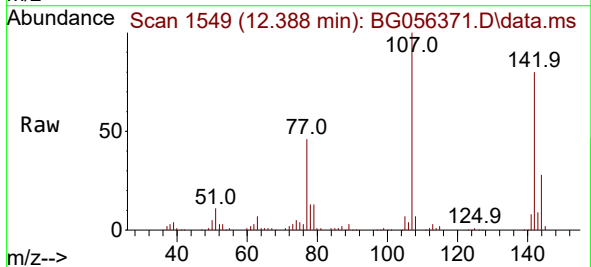
Instrument :
 BNA_G
 ClientSampleId :
 BORING-3MSD

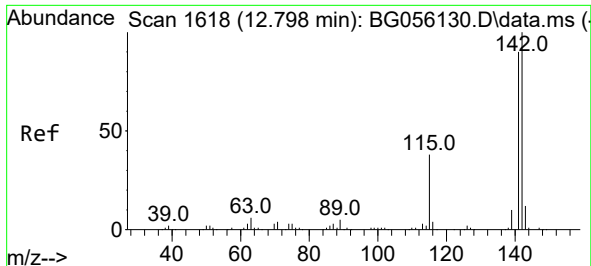
Tgt Ion:113 Resp: 26342
 Ion Ratio Lower Upper
 113 100
 55 49.9 31.9 71.9
 56 54.7 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.671 ng
 RT: 12.388 min Scan# 1549
 Delta R.T. -0.001 min
 Lab File: BG056371.D
 Acq: 20 Jan 2023 17:24

Tgt Ion:107 Resp: 121779
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.5 32.3
 142 79.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.258 ng

RT: 12.770 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

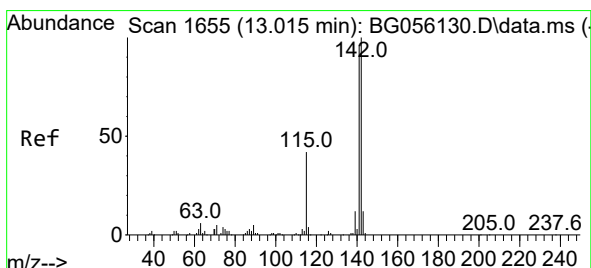
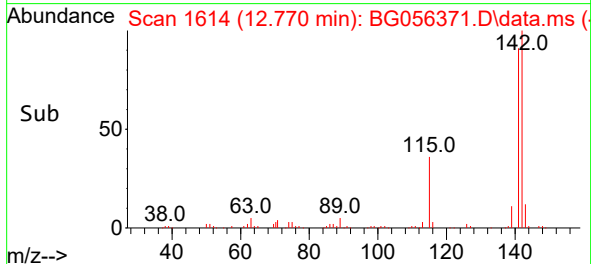
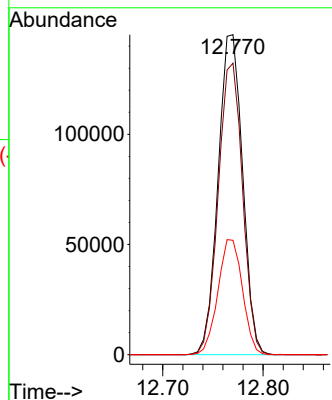
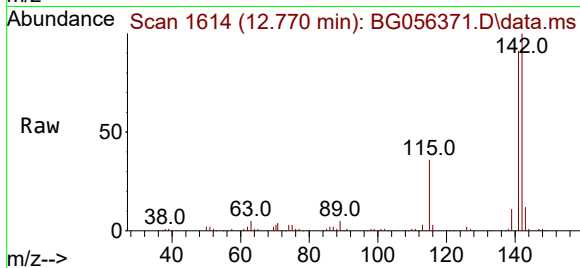
Tgt Ion:142 Resp: 246427

Ion Ratio Lower Upper

142 100

141 91.1 72.2 108.4

115 35.8 30.7 46.1



#38

1-Methylnaphthalene

Concen: 41.391 ng

RT: 12.981 min Scan# 1650

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

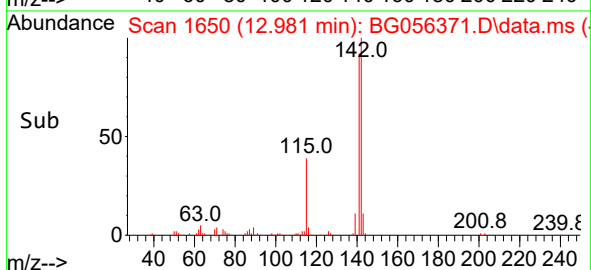
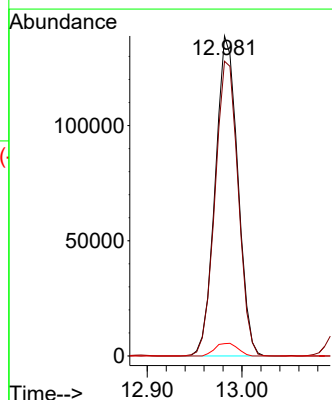
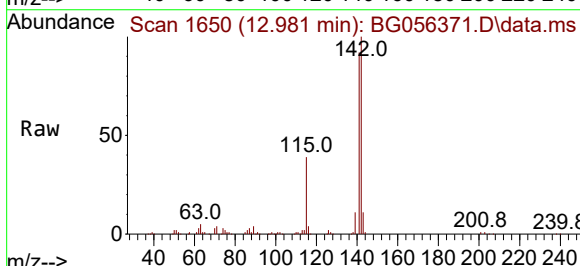
Tgt Ion:142 Resp: 229576

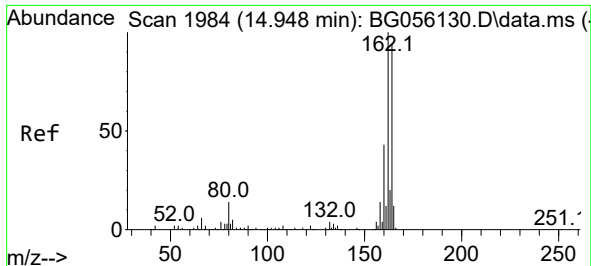
Ion Ratio Lower Upper

142 100

141 92.1 77.0 115.6

116 3.9 3.6 5.4

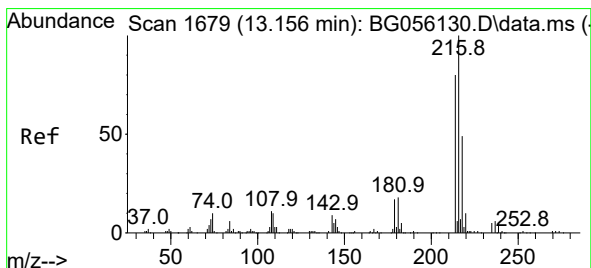
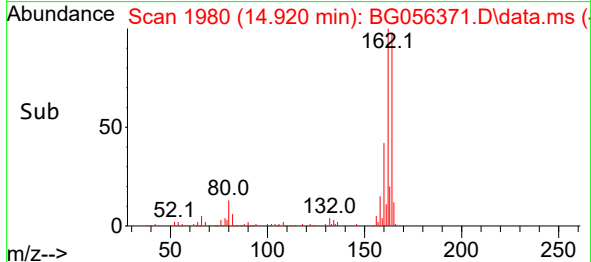
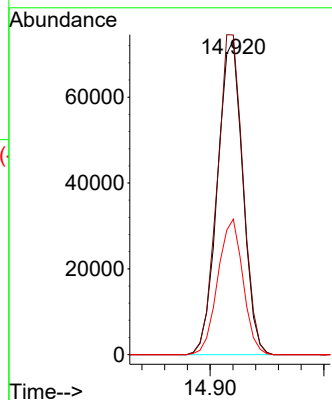
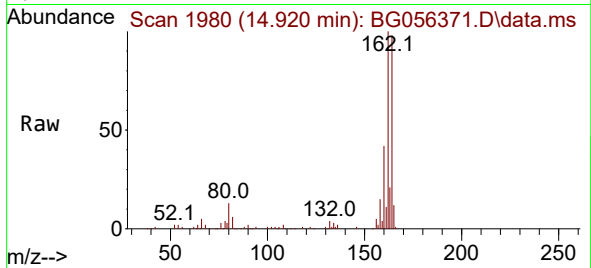




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.920 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

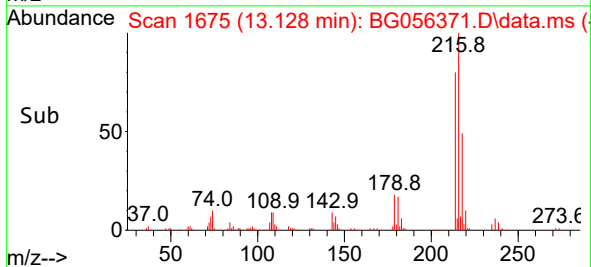
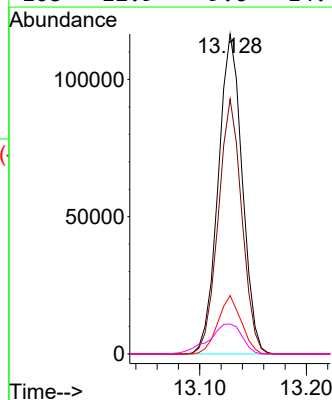
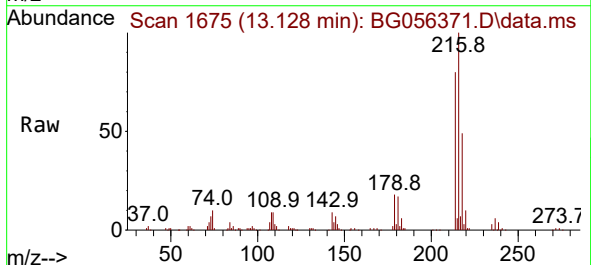
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

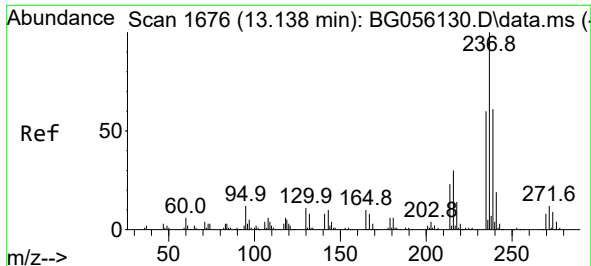
Tgt Ion:164 Resp: 113286
Ion Ratio Lower Upper
164 100
162 101.7 84.7 127.1
160 43.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.835 ng
RT: 13.128 min Scan# 1675
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

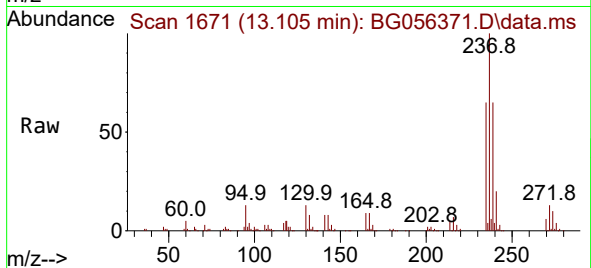
Tgt Ion:216 Resp: 181873
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 17.7 13.6 20.4
108 12.9 9.6 14.4



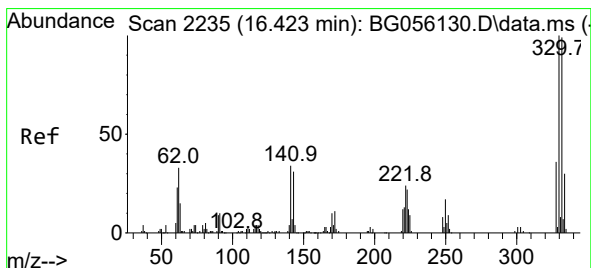
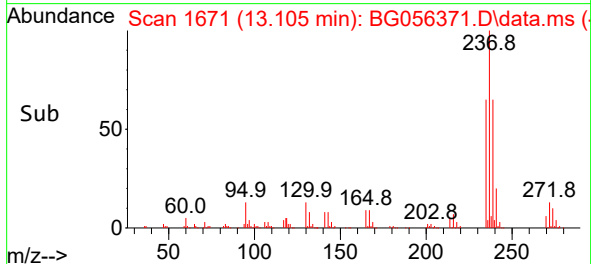
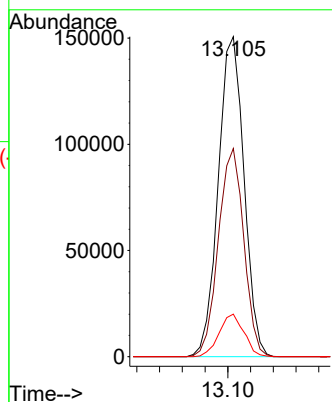


#41
Hexachlorocyclopentadiene
Concen: 97.906 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

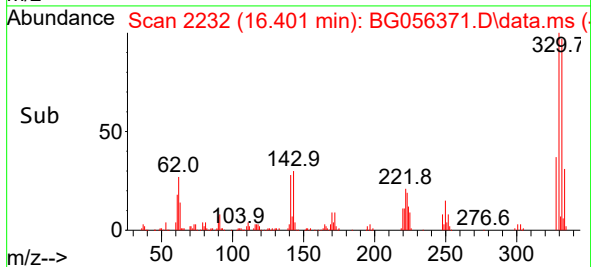
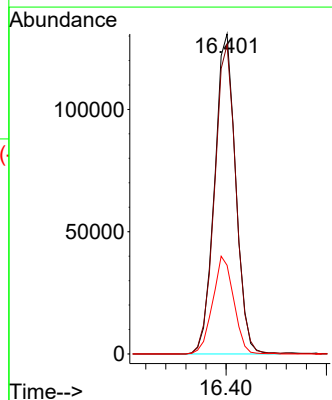
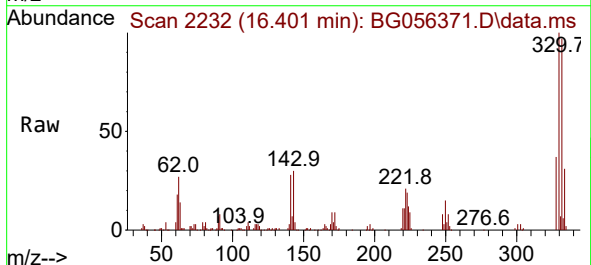


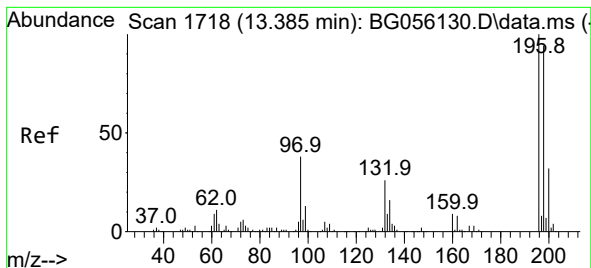
Tgt Ion:237 Resp: 237002
Ion Ratio Lower Upper
237 100
235 65.0 40.3 80.3
272 13.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 132.549 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:330 Resp: 190175
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 30.5 27.9 41.9





#43

2,4,6-Trichlorophenol

Concen: 46.508 ng

RT: 13.363 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

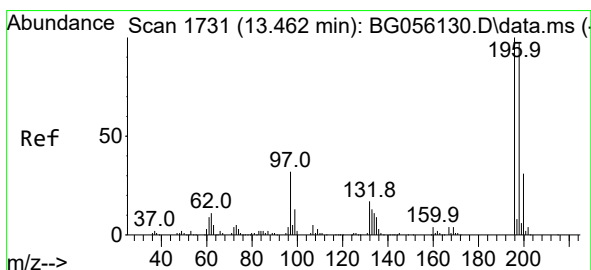
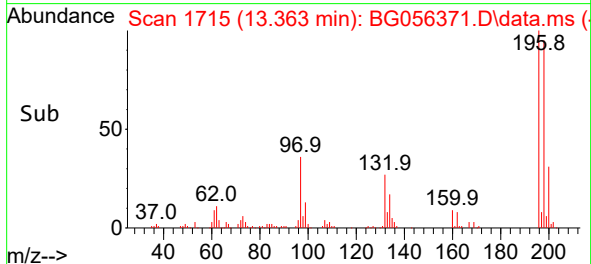
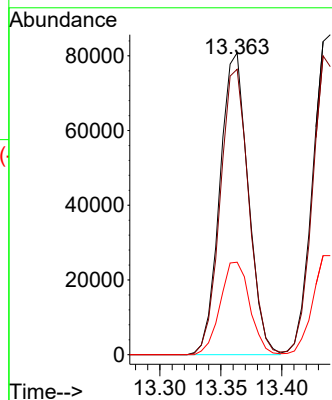
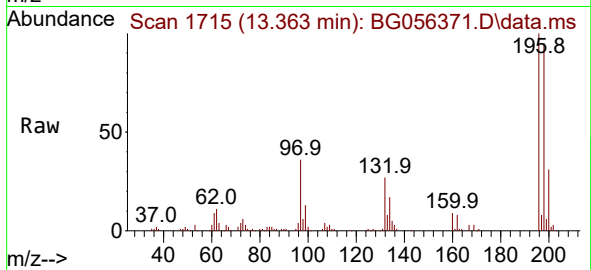
Tgt Ion:196 Resp: 130575

Ion Ratio Lower Upper

196 100

198 94.5 75.5 113.3

200 30.7 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 43.063 ng

RT: 13.440 min Scan# 1728

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Tgt Ion:196 Resp: 143022

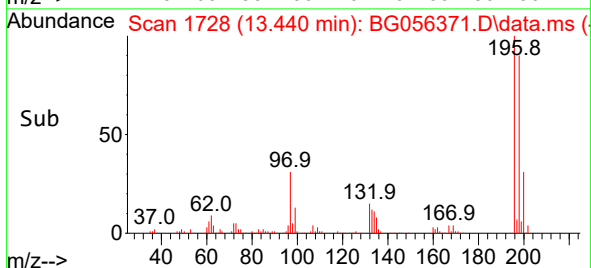
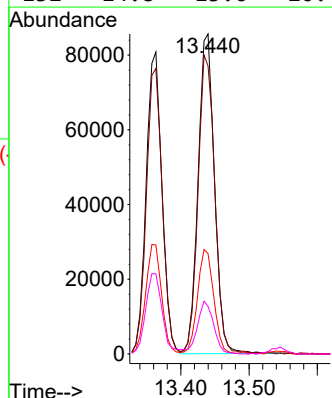
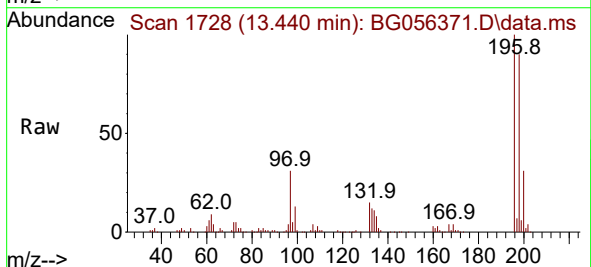
Ion Ratio Lower Upper

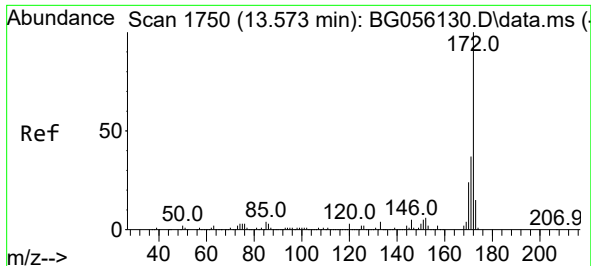
196 100

198 90.0 78.0 117.0

97 31.3 25.7 38.5

132 14.8 13.6 20.4

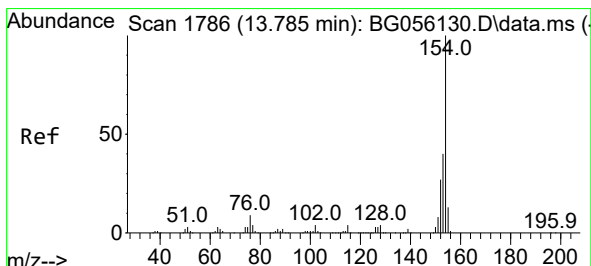
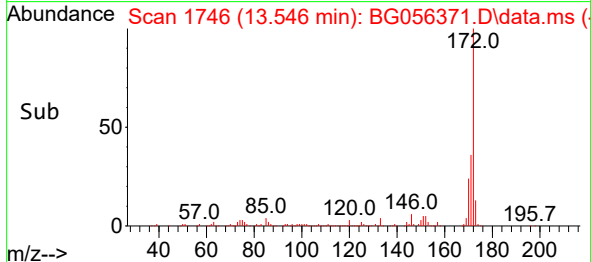
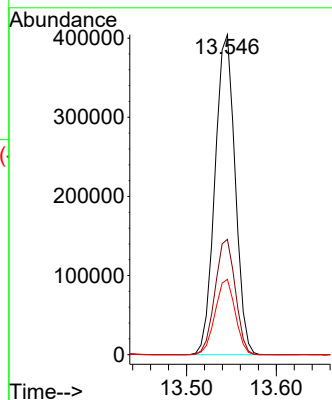
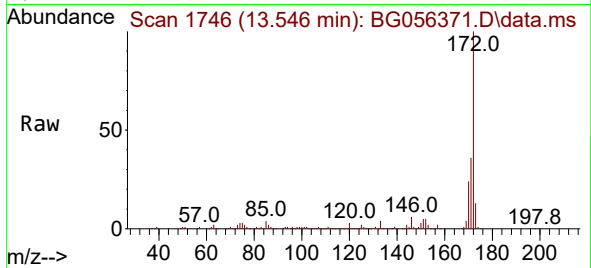




#45
2-Fluorobiphenyl
Concen: 76.785 ng
RT: 13.546 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

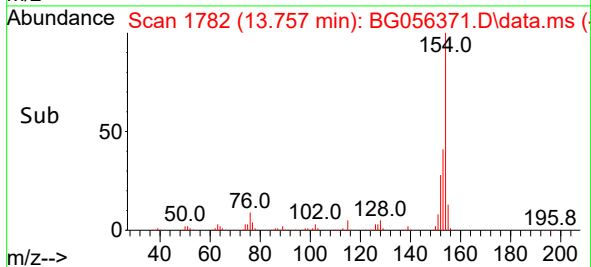
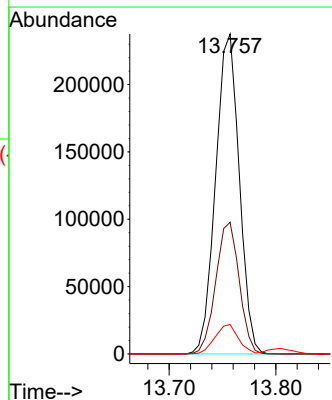
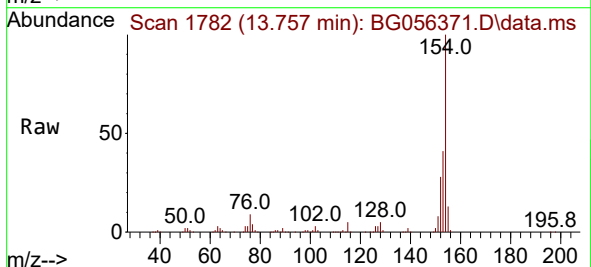
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

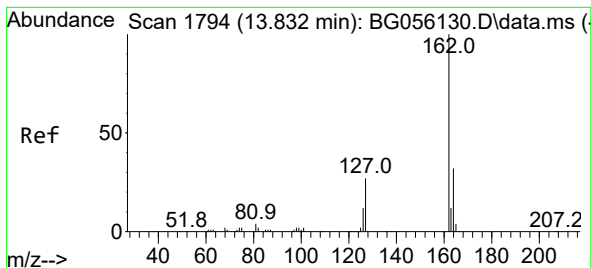
Tgt Ion:172 Resp: 629924
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 44.985 ng
RT: 13.757 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:154 Resp: 364970
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 9.2 0.0 29.3





#47

2-Chloronaphthalene

Concen: 45.225 ng

RT: 13.804 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

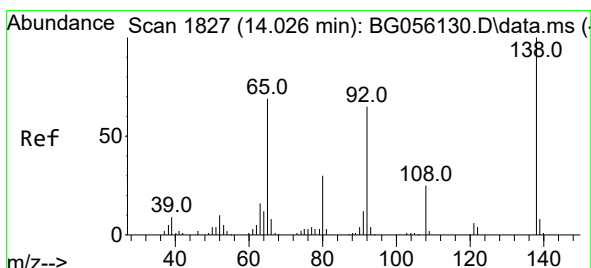
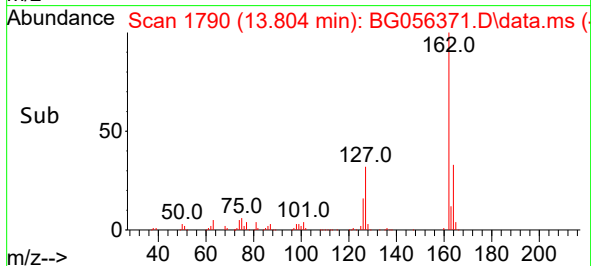
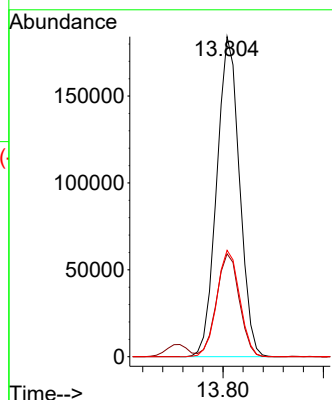
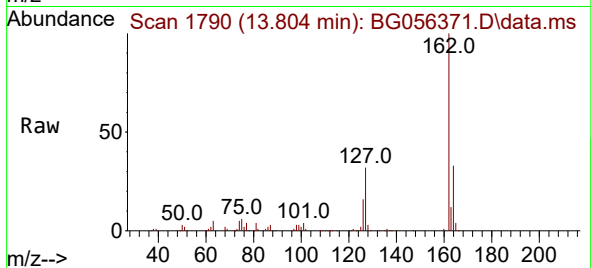
Tgt Ion:162 Resp: 289617

Ion Ratio Lower Upper

162 100

127 32.2 24.6 36.8

164 33.3 25.8 38.8



#48

2-Nitroaniline

Concen: 44.436 ng

RT: 13.998 min Scan# 1823

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

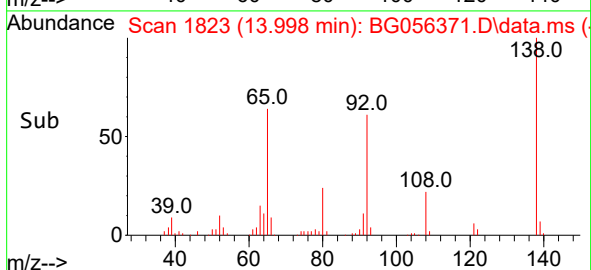
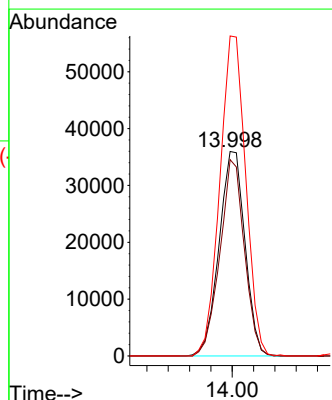
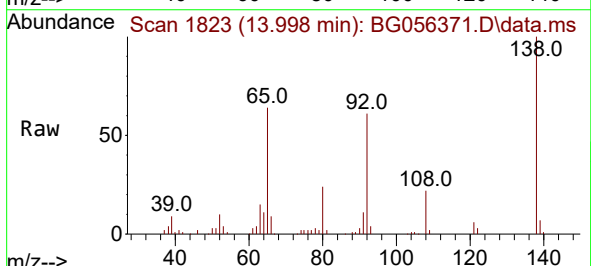
Tgt Ion: 65 Resp: 60629

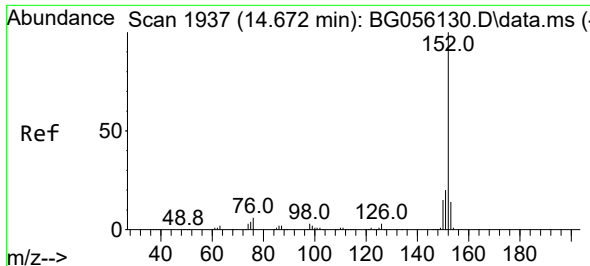
Ion Ratio Lower Upper

65 100

92 96.0 76.0 114.0

138 156.4 116.6 174.8

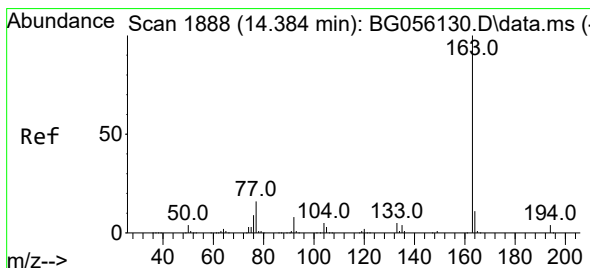
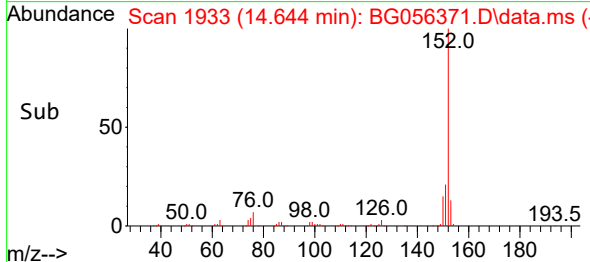
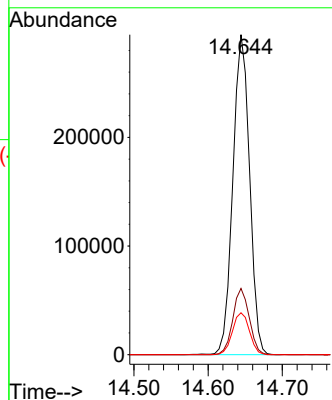
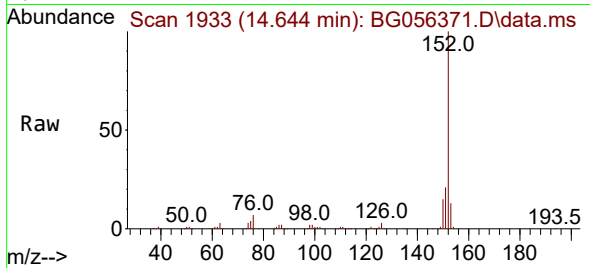




#49
Acenaphthylene
Concen: 44.213 ng
RT: 14.644 min Scan# 1933
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

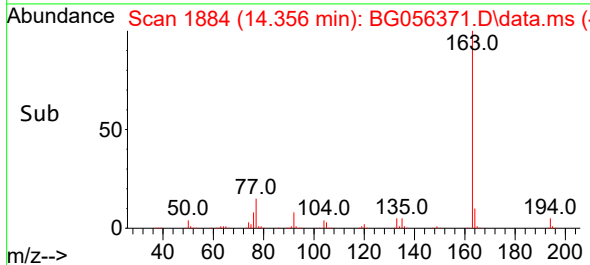
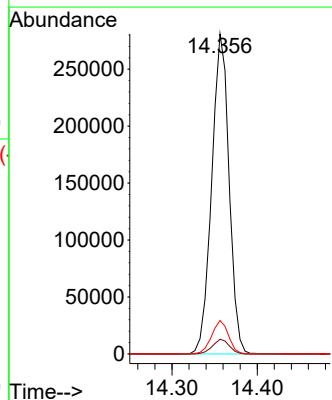
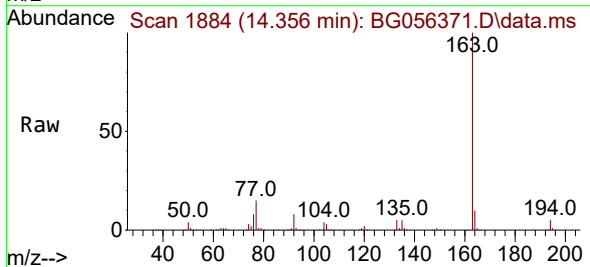
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

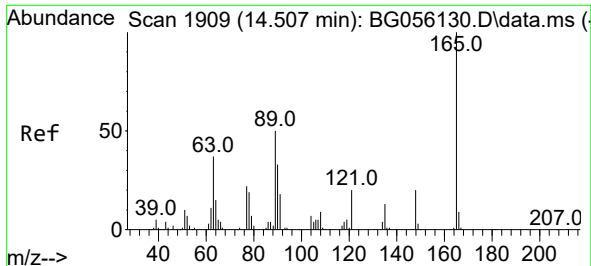
Tgt Ion:152 Resp: 460752
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.1 11.0 16.6



#50
Dimethylphthalate
Concen: 43.559 ng
RT: 14.356 min Scan# 1884
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:163 Resp: 398354
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.4 8.7 13.1

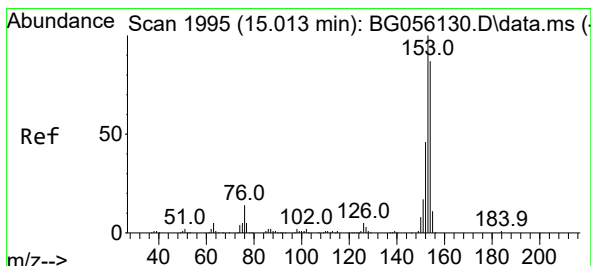
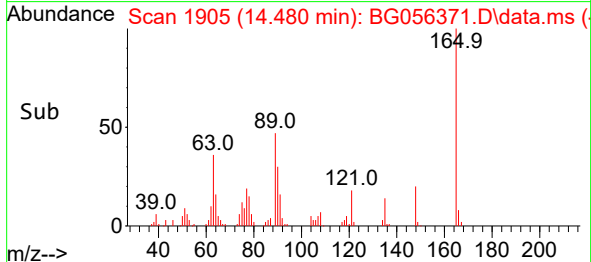
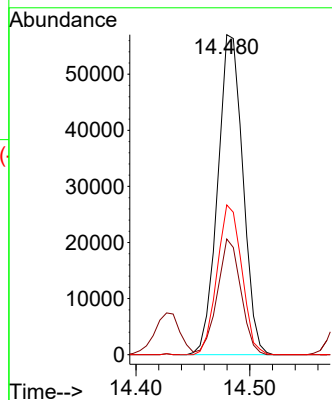
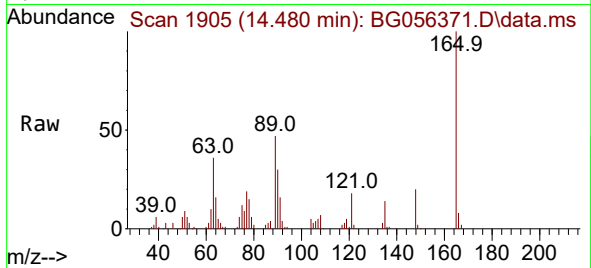




#51
2,6-Dinitrotoluene
Concen: 45.085 ng
RT: 14.480 min Scan# 1905
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

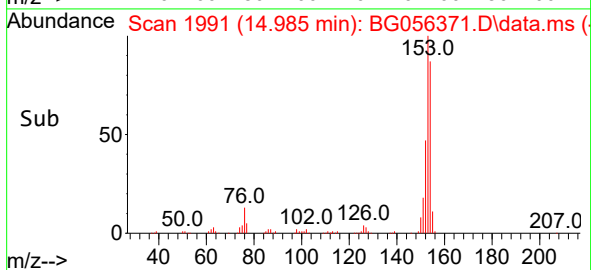
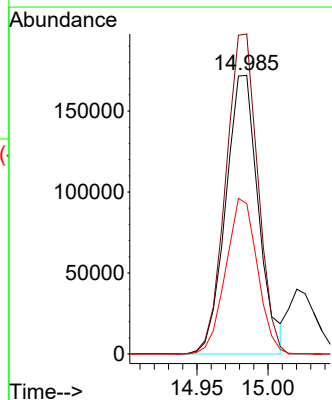
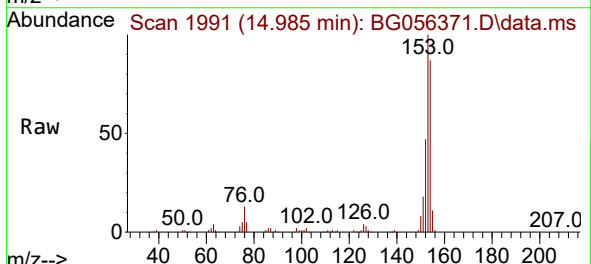
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

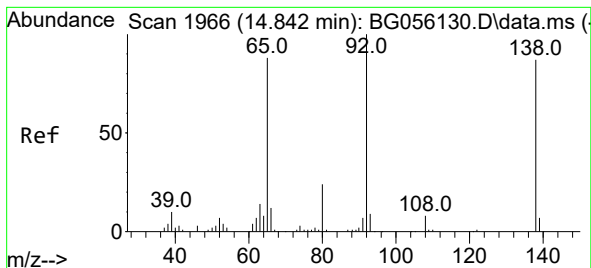
Tgt Ion:165 Resp: 87856
Ion Ratio Lower Upper
165 100
63 36.2 32.2 48.2
89 46.8 39.8 59.8



#52
Acenaphthene
Concen: 40.705 ng
RT: 14.985 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:154 Resp: 275889
Ion Ratio Lower Upper
154 100
153 114.8 92.0 138.0
152 54.0 42.5 63.7

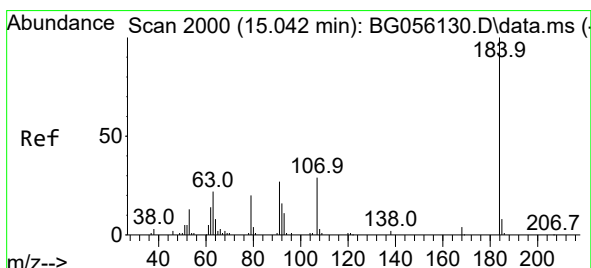
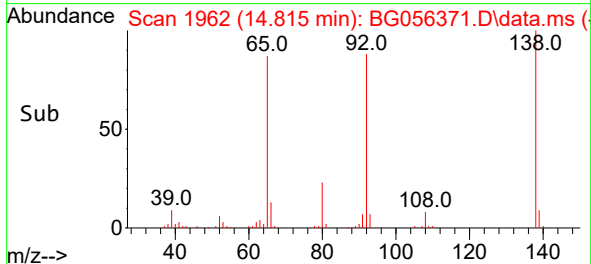
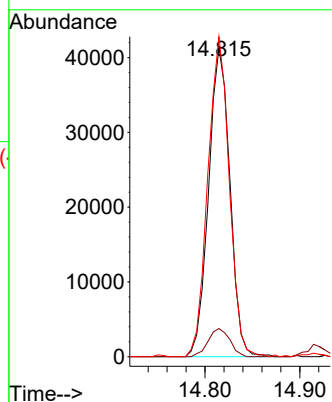
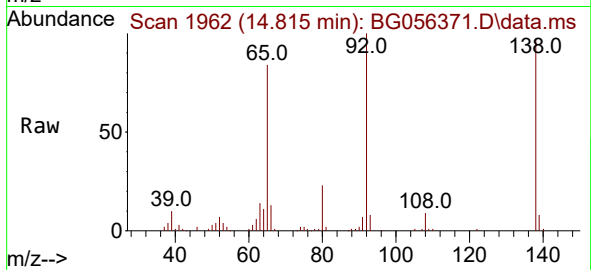




#53
3-Nitroaniline
Concen: 34.748 ng
RT: 14.815 min Scan# 1962
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

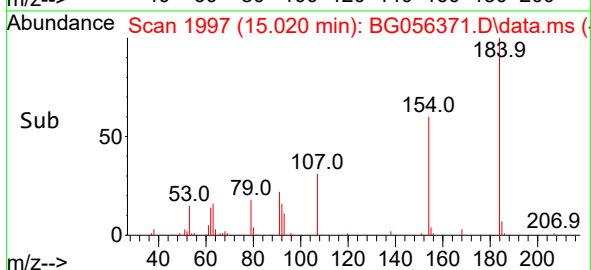
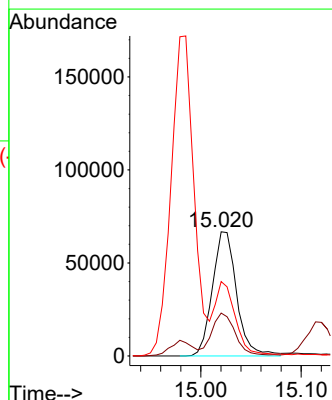
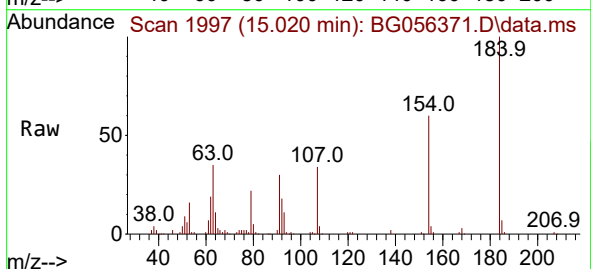
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

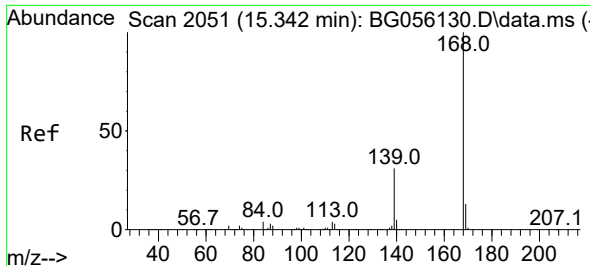
Tgt Ion:138 Resp: 64442
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 103.6 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 80.683 ng
RT: 15.020 min Scan# 1997
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:184 Resp: 112319
Ion Ratio Lower Upper
184 100
63 34.5 24.0 36.0
154 59.9 45.4 68.0

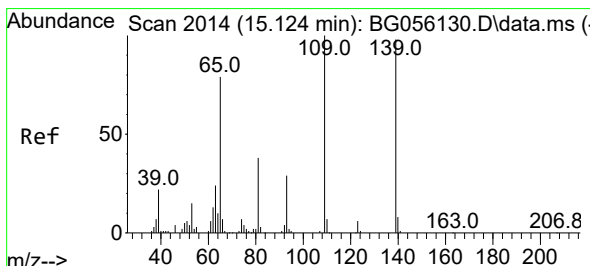
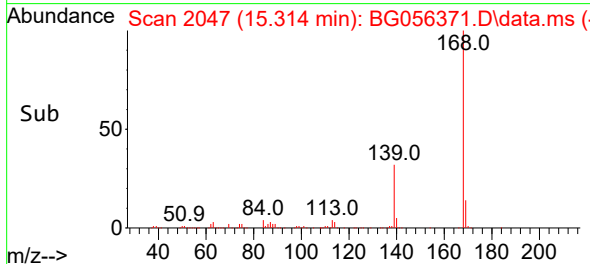
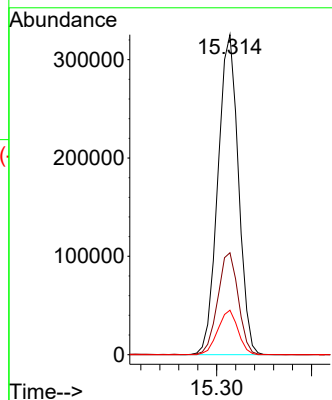
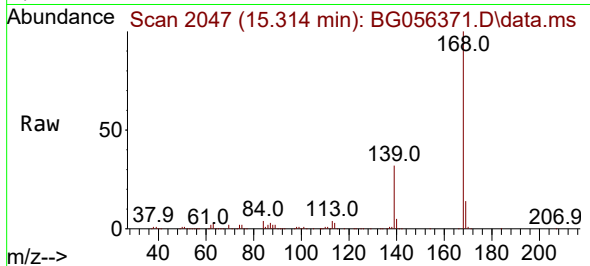




#55
Dibenzenofuran
Concen: 43.660 ng
RT: 15.314 min Scan# 2051
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

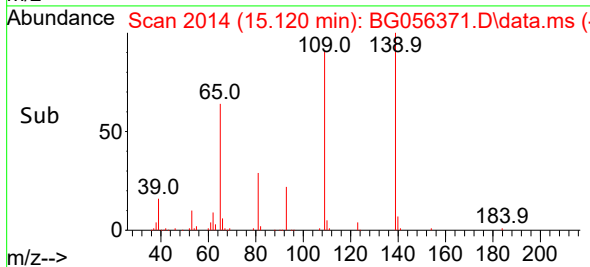
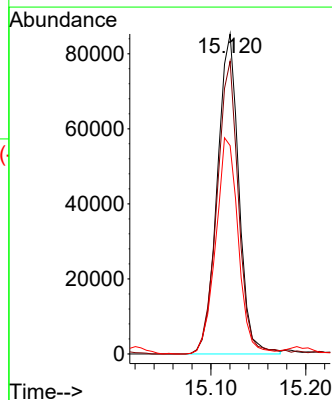
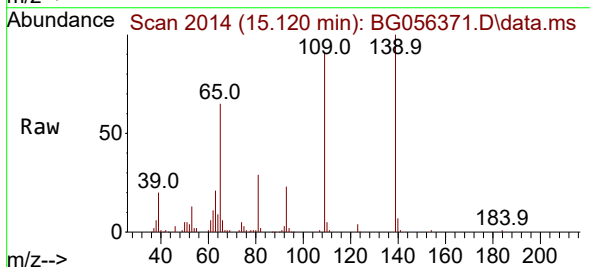
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

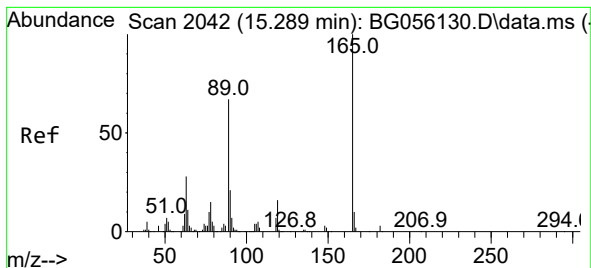
Tgt Ion:168 Resp: 489693
Ion Ratio Lower Upper
168 100
139 31.9 24.7 37.1
169 13.9 10.3 15.5



#56
4-Nitrophenol
Concen: 94.284 ng
RT: 15.120 min Scan# 2014
Delta R.T. 0.005 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:139 Resp: 134479
Ion Ratio Lower Upper
139 100
109 91.5 82.2 122.2
65 65.1 60.6 100.6

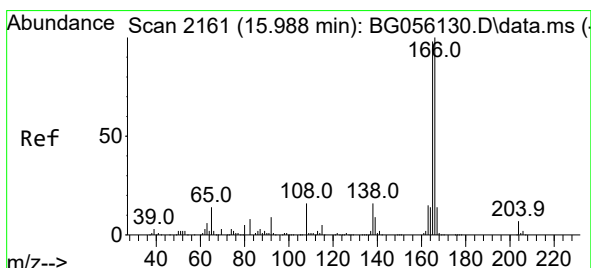
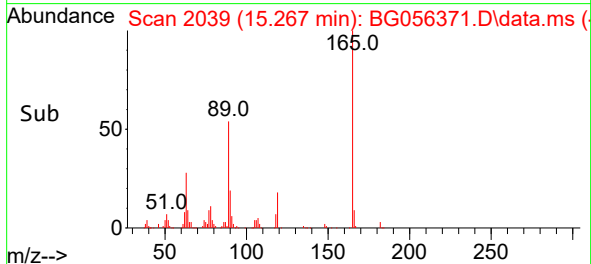
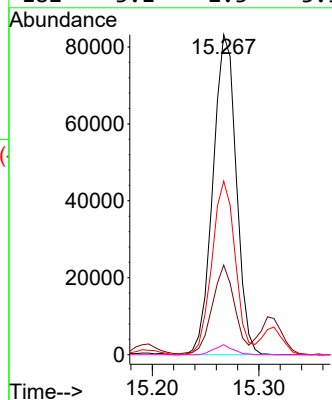
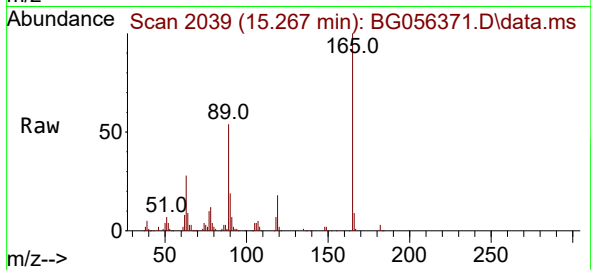




#57
2,4-Dinitrotoluene
Concen: 46.237 ng
RT: 15.267 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

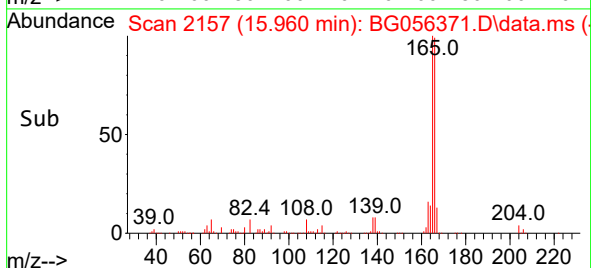
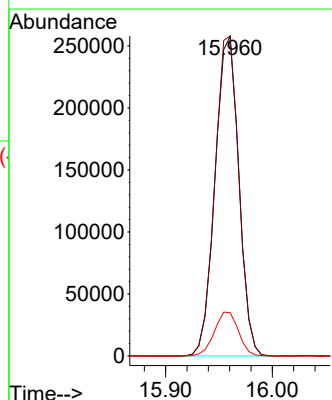
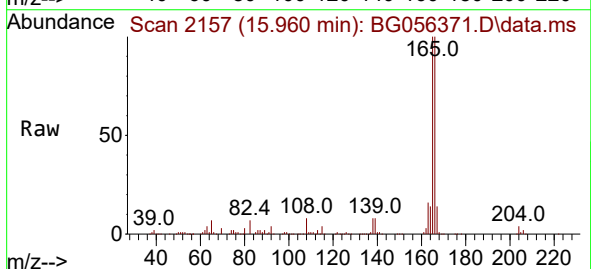
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

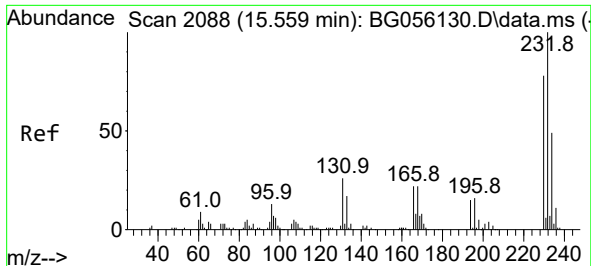
Tgt Ion:165 Resp: 126008
Ion Ratio Lower Upper
165 100
63 28.0 22.6 34.0
89 54.3 53.2 79.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 44.145 ng
RT: 15.960 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:166 Resp: 398242
Ion Ratio Lower Upper
166 100
165 100.1 78.6 118.0
167 13.6 11.1 16.7

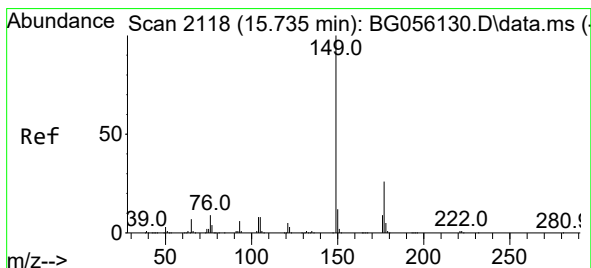
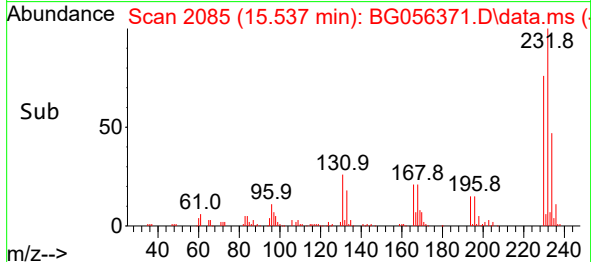
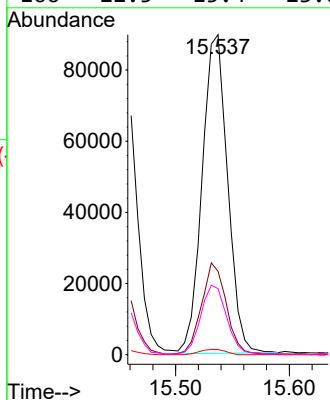
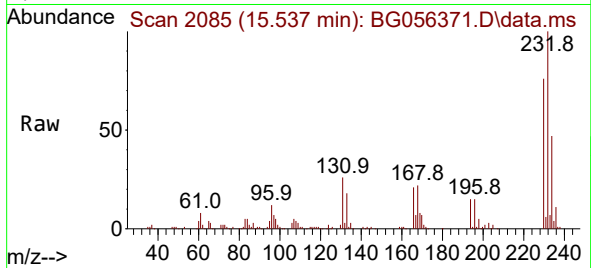




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.737 ng
RT: 15.537 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

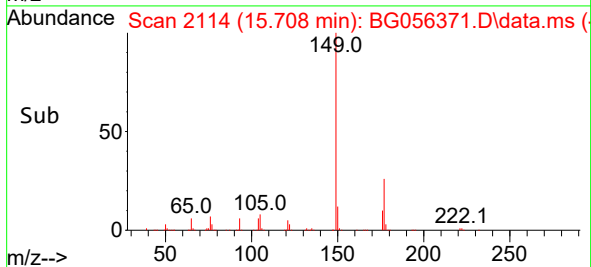
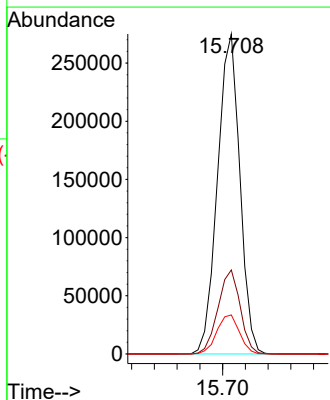
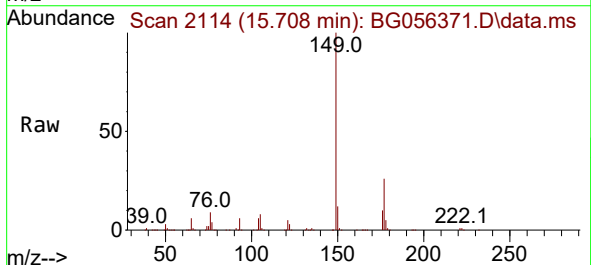
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

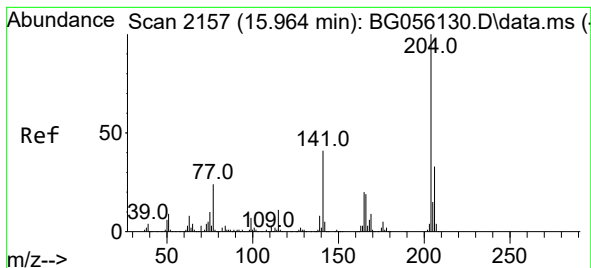
Tgt Ion:232 Resp: 139508
Ion Ratio Lower Upper
232 100
131 27.8 21.4 32.2
130 1.7 1.4 2.0
166 22.5 15.4 23.0



#60
Diethylphthalate
Concen: 43.707 ng
RT: 15.708 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:149 Resp: 374844
Ion Ratio Lower Upper
149 100
177 26.2 20.6 31.0
150 12.2 9.9 14.9

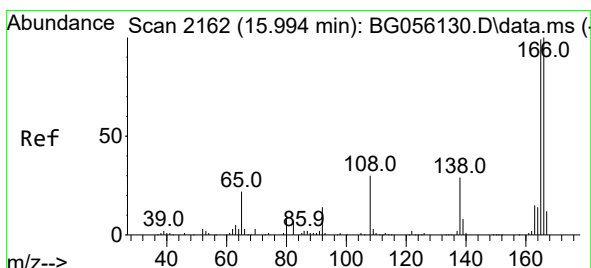
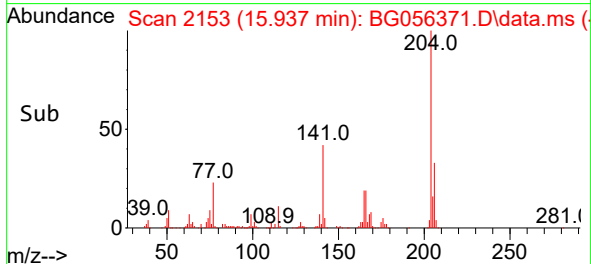
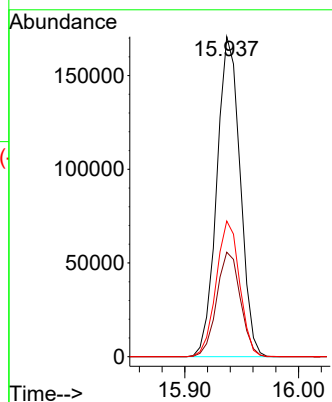
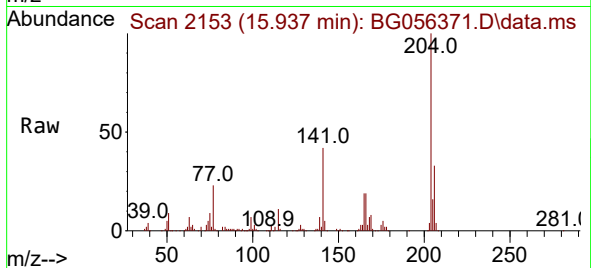




#61
4-Chlorophenyl-phenylether
Concen: 43.179 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

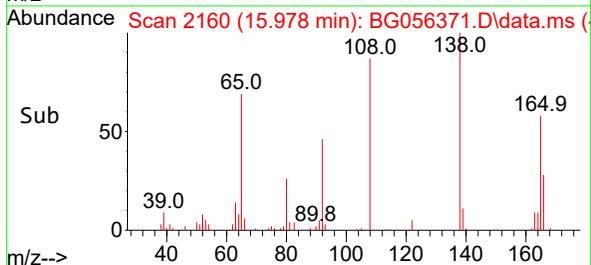
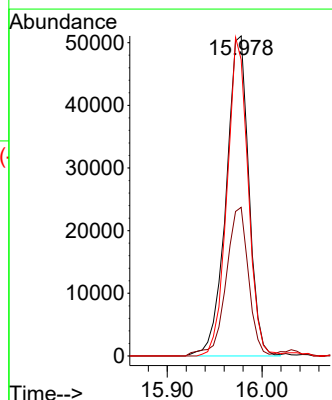
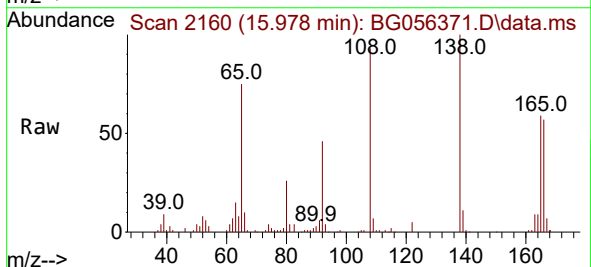
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

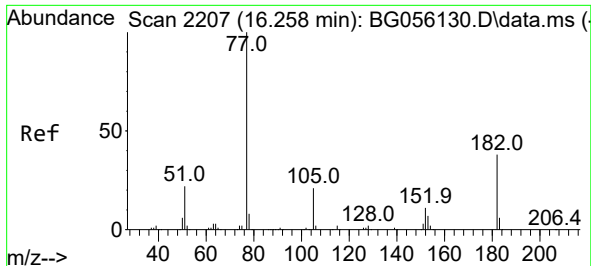
Tgt Ion:204 Resp: 243089
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 42.4 33.0 49.4



#62
4-Nitroaniline
Concen: 44.723 ng
RT: 15.978 min Scan# 2160
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:138 Resp: 84960
Ion Ratio Lower Upper
138 100
92 46.5 28.6 68.6
108 92.6 83.4 123.4

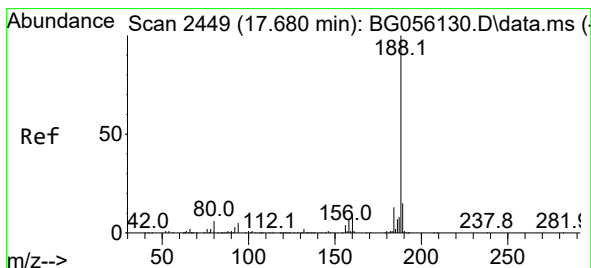
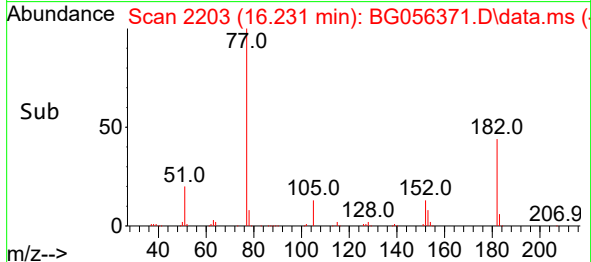
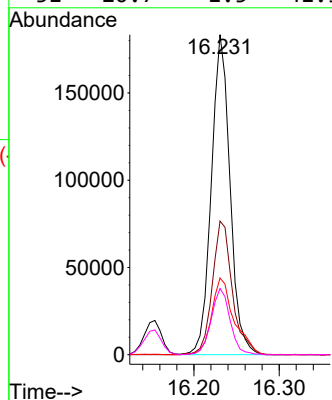
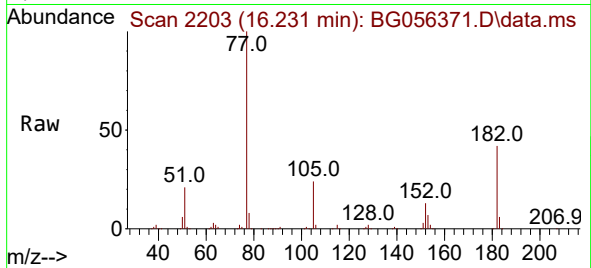




#63
Azobenzene
Concen: 42.140 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

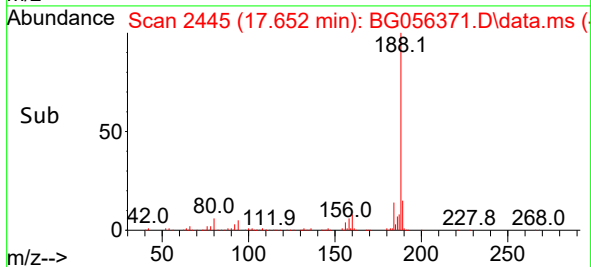
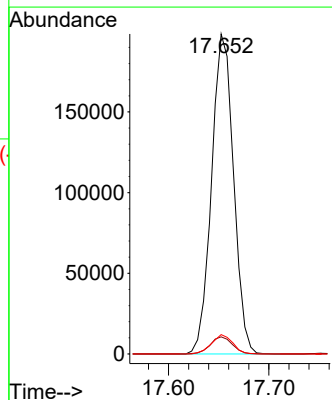
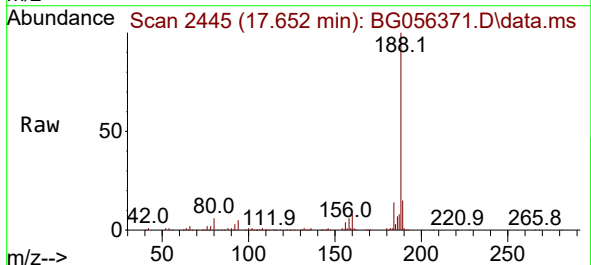
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

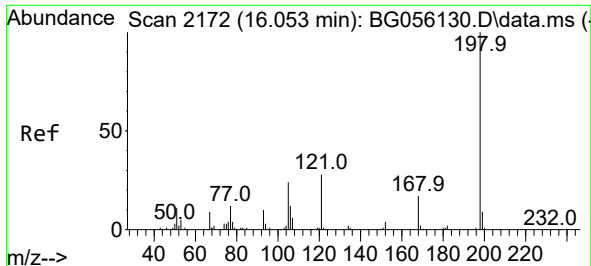
Tgt Ion: 77 Resp: 278892
Ion Ratio Lower Upper
77 100
182 41.7 18.5 58.5
105 24.0 1.4 41.4
51 20.7 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.652 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion: 188 Resp: 301747
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.1 5.0 7.4

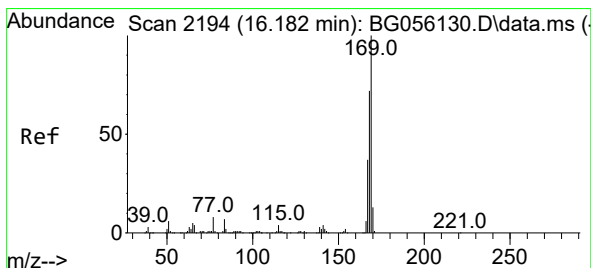
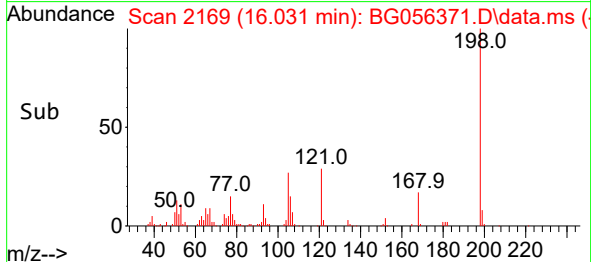
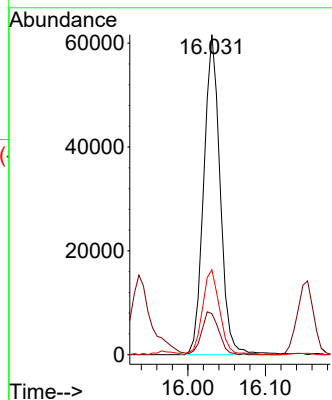
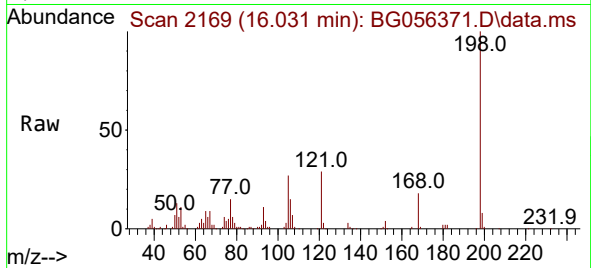




#65
4,6-Dinitro-2-methylphenol
Concen: 44.386 ng
RT: 16.031 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

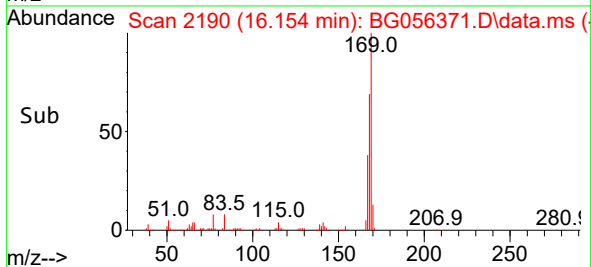
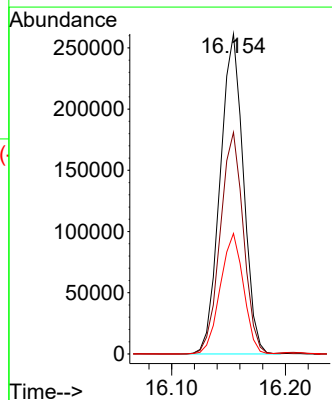
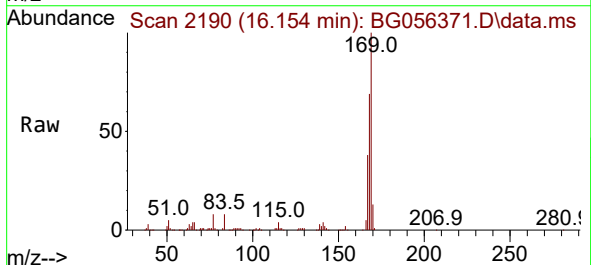
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

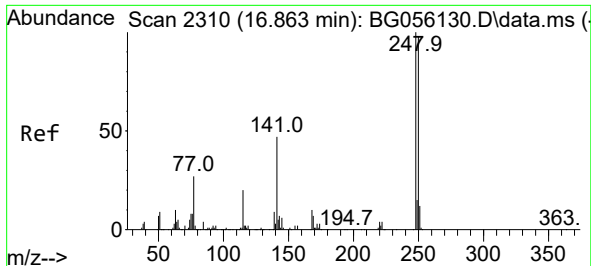
Tgt Ion:198 Resp: 90237
Ion Ratio Lower Upper
198 100
51 12.8 0.0 33.2
105 26.6 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 44.285 ng
RT: 16.154 min Scan# 2190
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:169 Resp: 370760
Ion Ratio Lower Upper
169 100
168 69.2 58.0 87.0
167 37.7 30.0 45.0

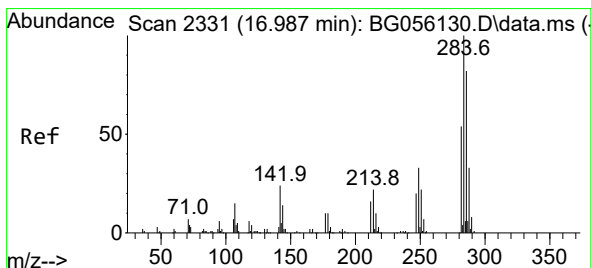
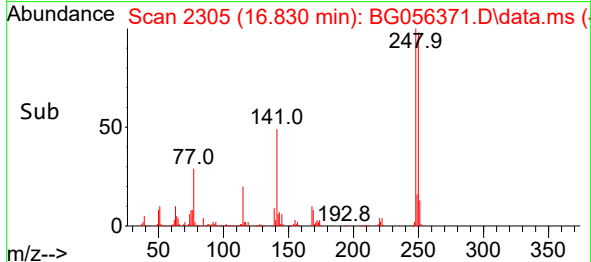
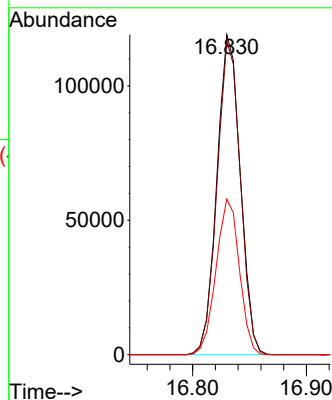
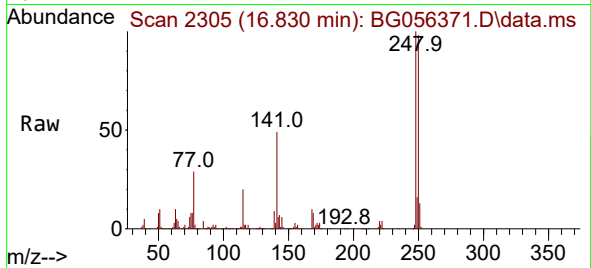




#67
4-Bromophenyl-phenylether
Concen: 44.273 ng
RT: 16.830 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

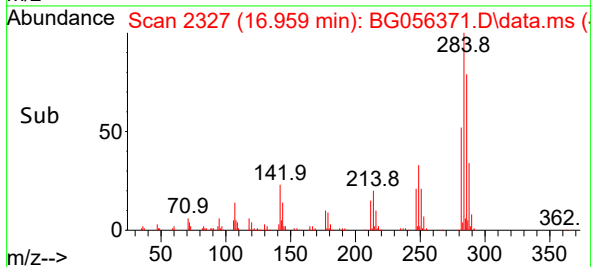
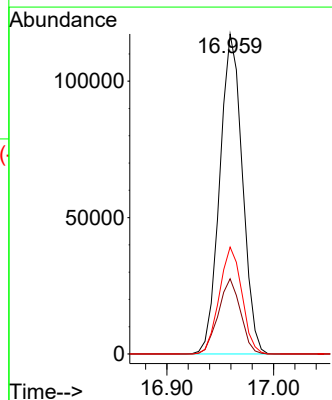
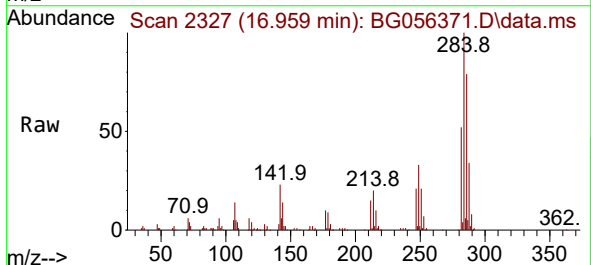
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

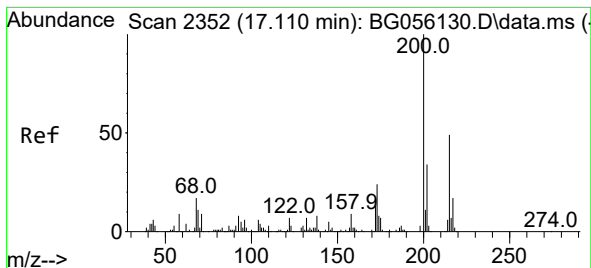
Tgt Ion:248 Resp: 170116
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 48.6 37.6 56.4



#68
Hexachlorobenzene
Concen: 48.189 ng
RT: 16.959 min Scan# 2327
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:284 Resp: 172753
Ion Ratio Lower Upper
284 100
142 23.5 19.0 28.6
249 35.4 26.6 39.8





#69

Atrazine

Concen: 46.367 ng

RT: 17.088 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

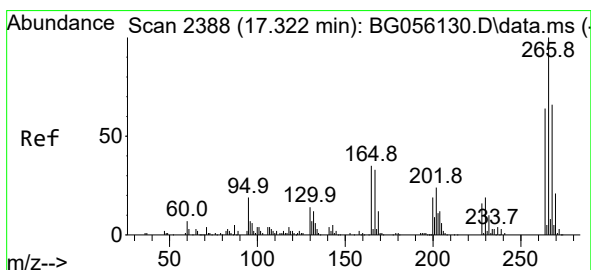
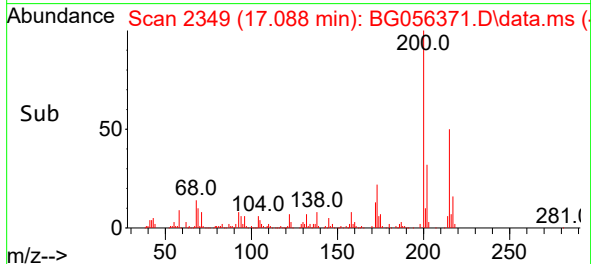
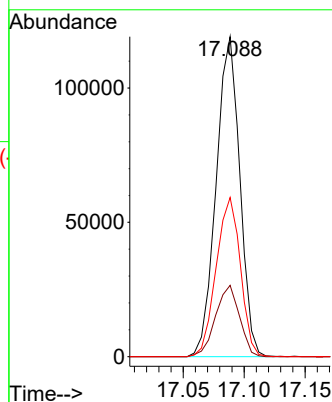
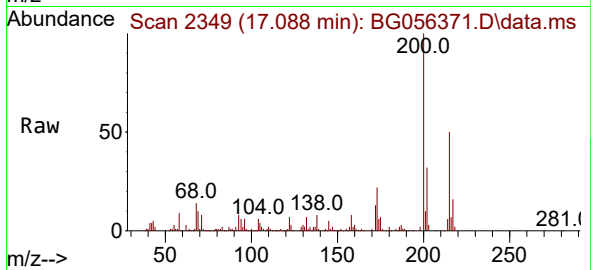
Tgt Ion:200 Resp: 160881

Ion Ratio Lower Upper

200 100

173 22.3 4.0 44.0

215 49.8 29.1 69.1



#70

Pentachlorophenol

Concen: 77.658 ng

RT: 17.300 min Scan# 2385

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

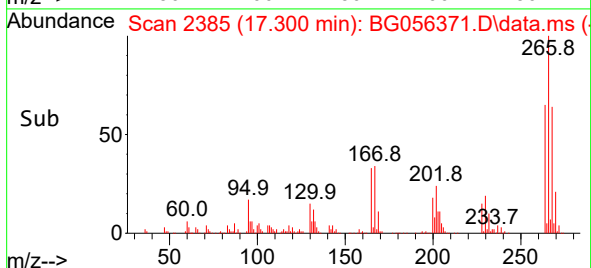
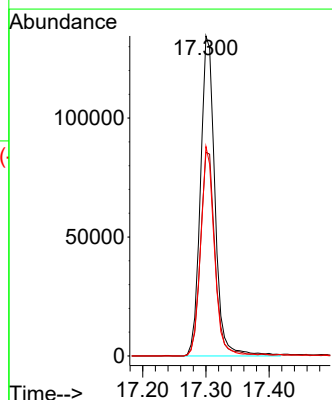
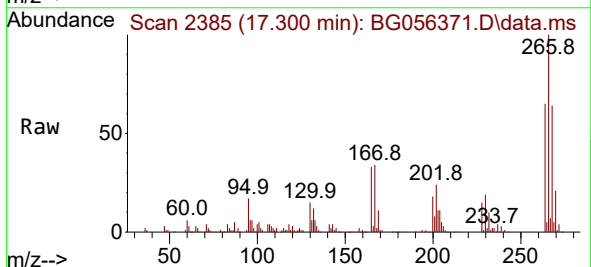
Tgt Ion:266 Resp: 213857

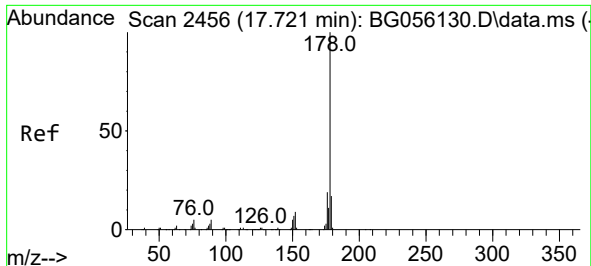
Ion Ratio Lower Upper

266 100

268 63.6 53.0 79.4

264 65.4 51.4 77.2

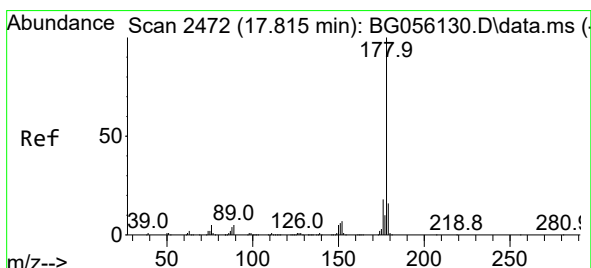
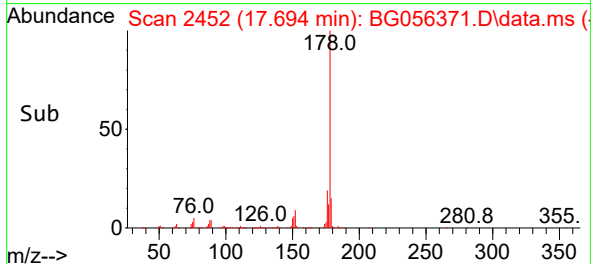
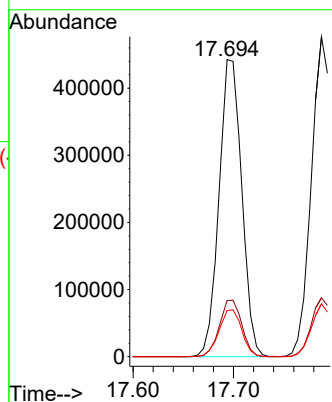
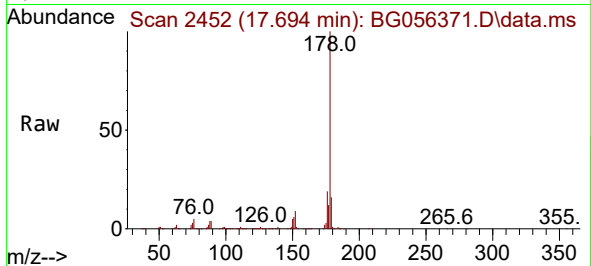




#71
Phenanthrene
Concen: 44.441 ng
RT: 17.694 min Scan# 2456
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

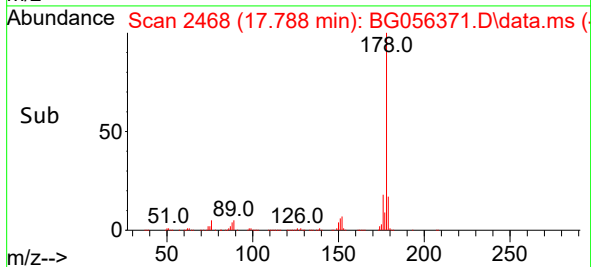
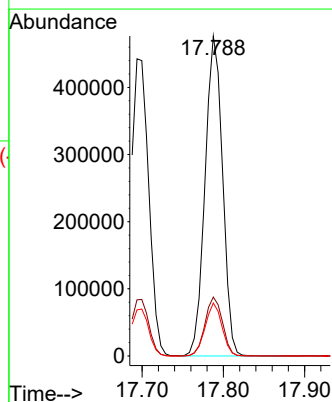
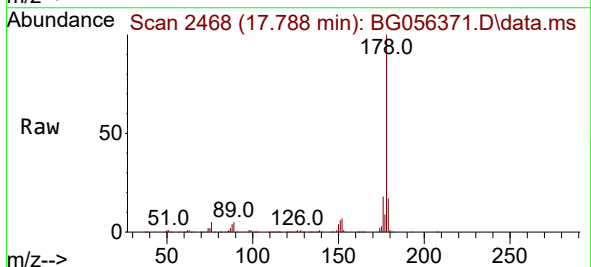
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

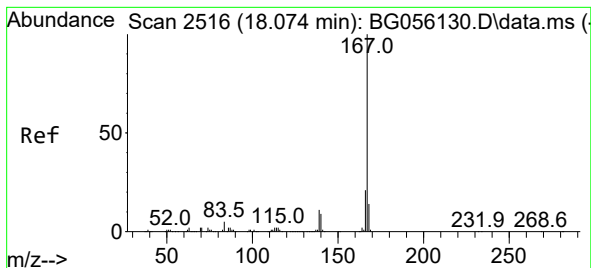
Tgt Ion:178 Resp: 694953
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 13.6 20.4



#72
Anthracene
Concen: 44.221 ng
RT: 17.788 min Scan# 2468
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:178 Resp: 713335
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 16.5 12.7 19.1





#73

Carbazole

Concen: 45.441 ng

RT: 18.052 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

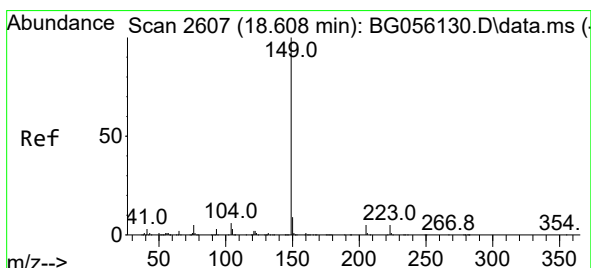
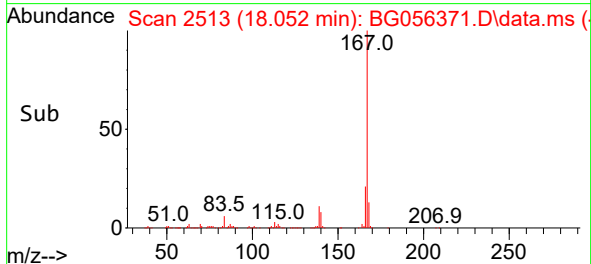
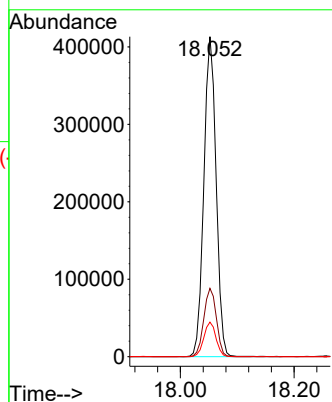
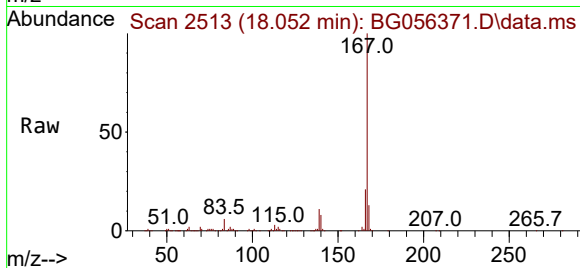
Tgt Ion:167 Resp: 616146

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

139 10.8 8.9 13.3



#74

Di-n-butylphthalate

Concen: 45.904 ng

RT: 18.581 min Scan# 2603

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

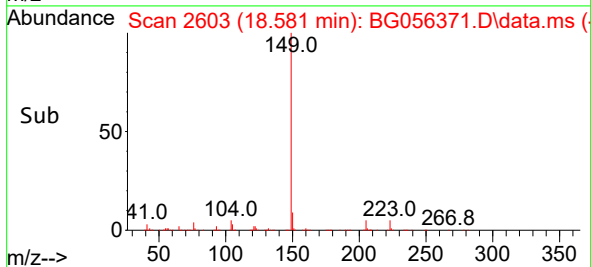
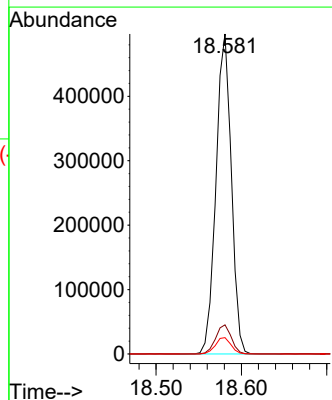
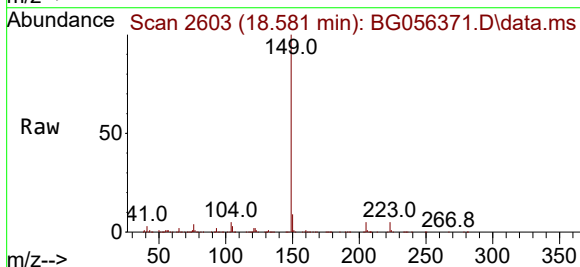
Tgt Ion:149 Resp: 620460

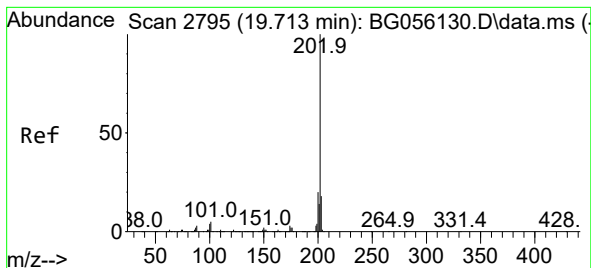
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 42.669 ng

RT: 19.685 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

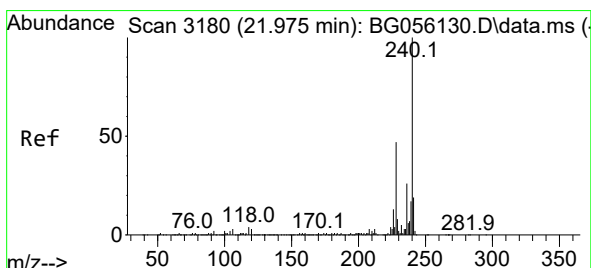
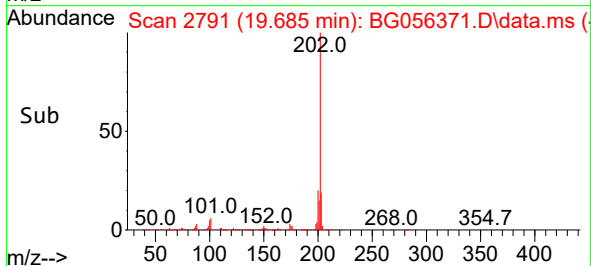
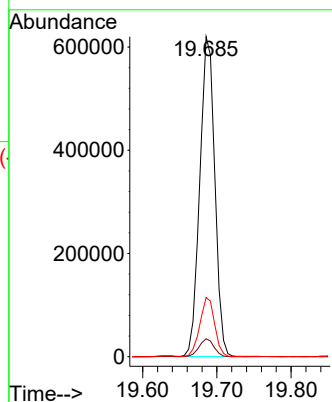
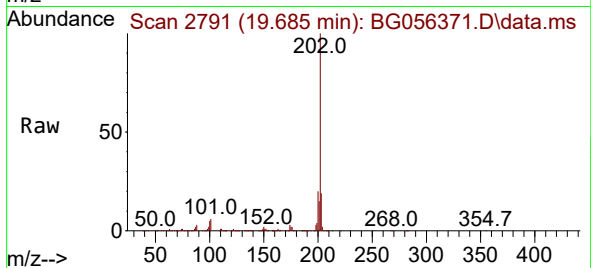
Tgt Ion:202 Resp: 870344

Ion Ratio Lower Upper

202 100

101 5.6 0.0 25.0

203 18.5 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.947 min Scan# 3176

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

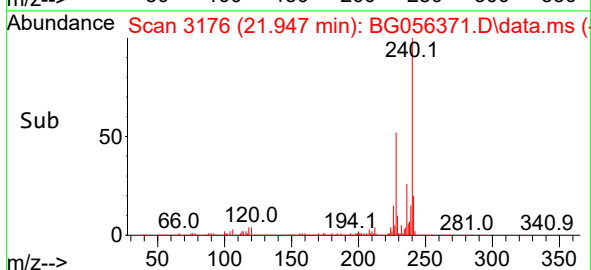
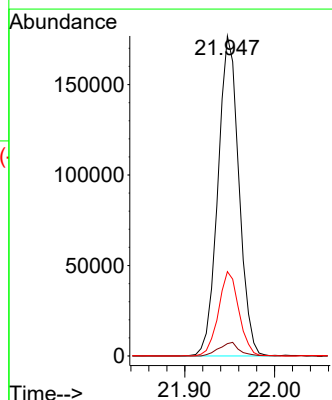
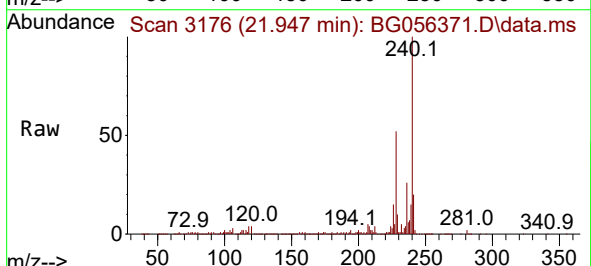
Tgt Ion:240 Resp: 286556

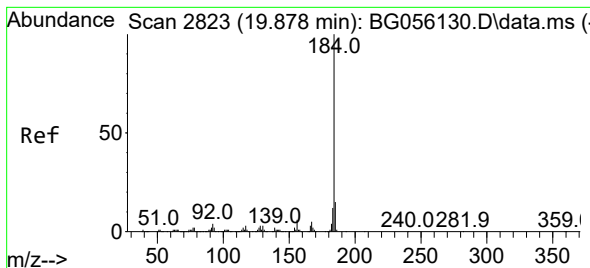
Ion Ratio Lower Upper

240 100

120 3.9 2.6 4.0

236 26.4 20.8 31.2





#77

Benzidine

Concen: 44.076 ng

RT: 19.856 min Scan# 2820

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

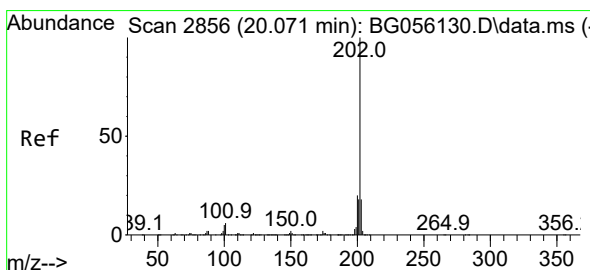
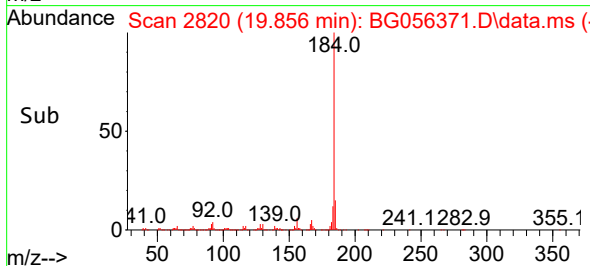
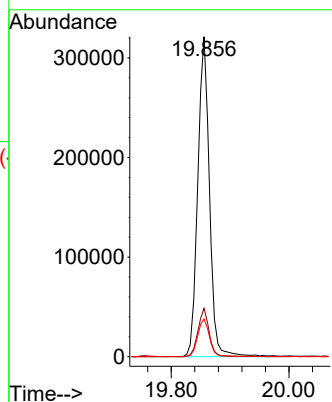
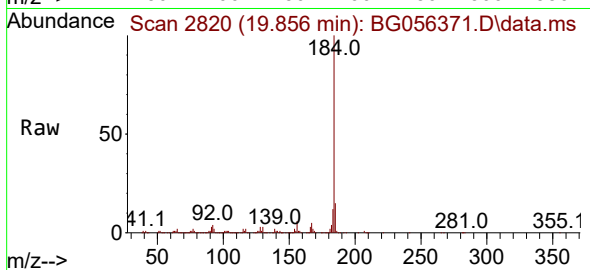
Tgt Ion:184 Resp: 442619

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 43.742 ng

RT: 20.050 min Scan# 2853

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

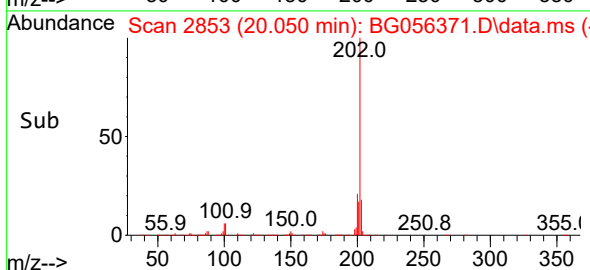
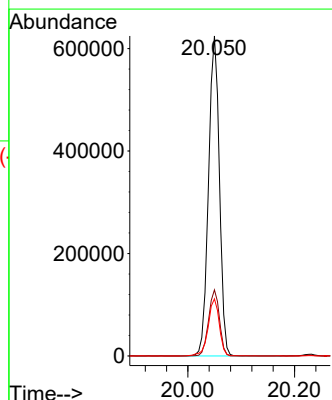
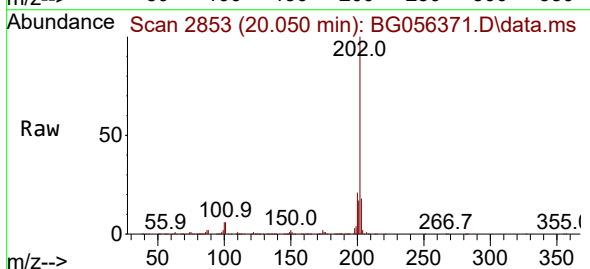
Tgt Ion:202 Resp: 883488

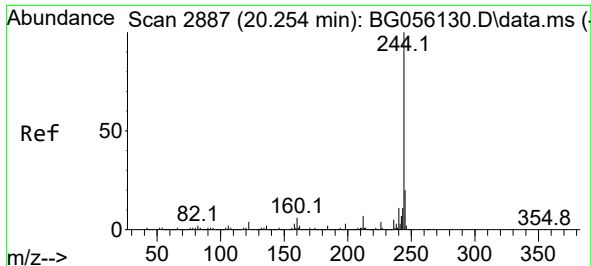
Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

203 17.9 14.3 21.5

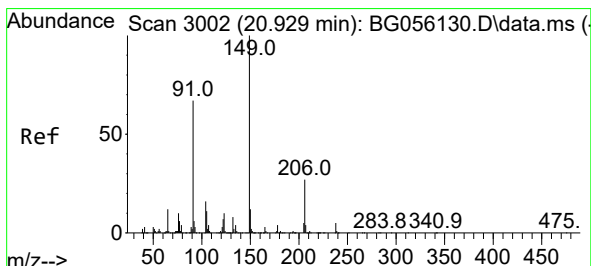
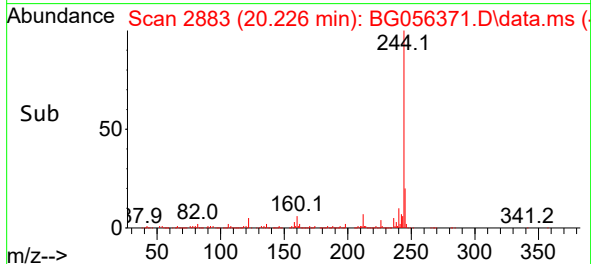
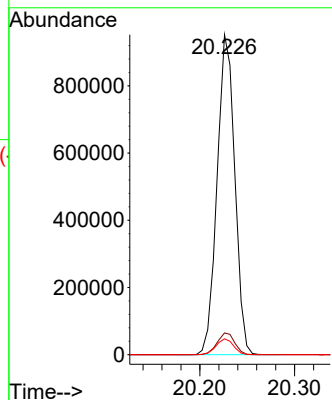
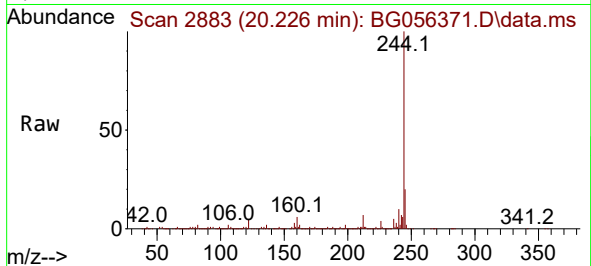




#79
 Terphenyl-d14
 Concen: 77.344 ng
 RT: 20.226 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG056371.D
 Acq: 20 Jan 2023 17:24

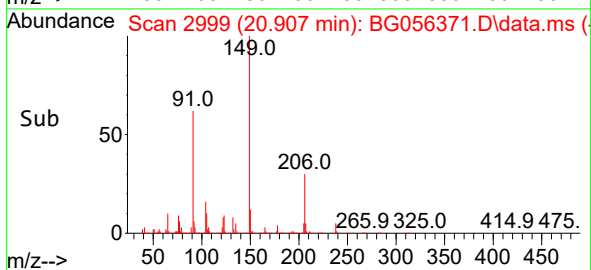
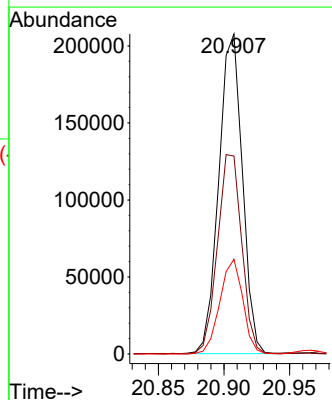
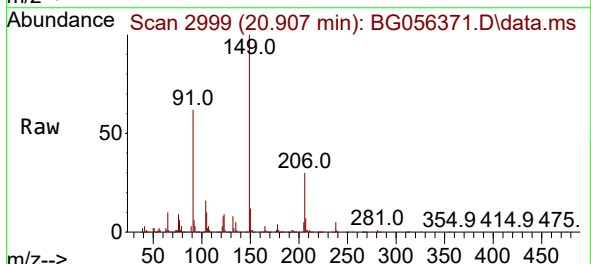
Instrument :
 BNA_G
 ClientSampleId :
 BORING-3MSD

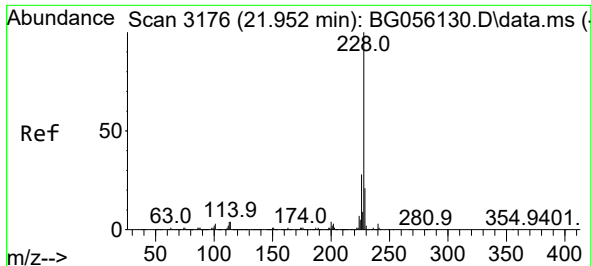
Tgt Ion:244 Resp: 1237444
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.0 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 44.751 ng
 RT: 20.907 min Scan# 2999
 Delta R.T. -0.001 min
 Lab File: BG056371.D
 Acq: 20 Jan 2023 17:24

Tgt Ion:149 Resp: 259310
 Ion Ratio Lower Upper
 149 100
 91 61.8 53.5 80.3
 206 29.6 21.9 32.9

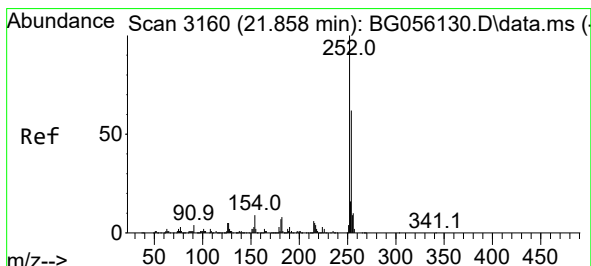
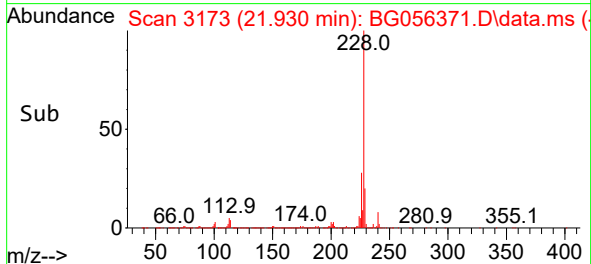
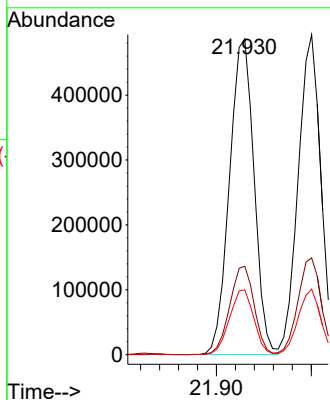
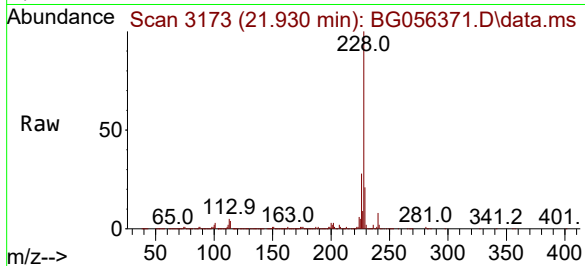




#81
Benzo(a)anthracene
Concen: 43.492 ng
RT: 21.930 min Scan# 3173
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

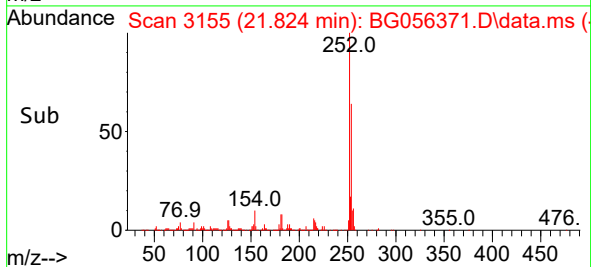
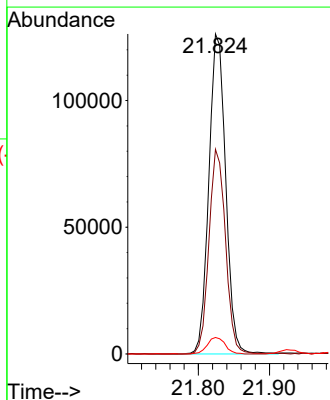
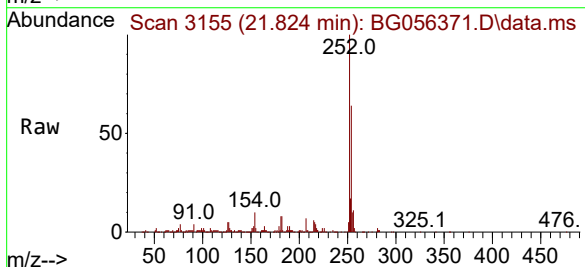
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

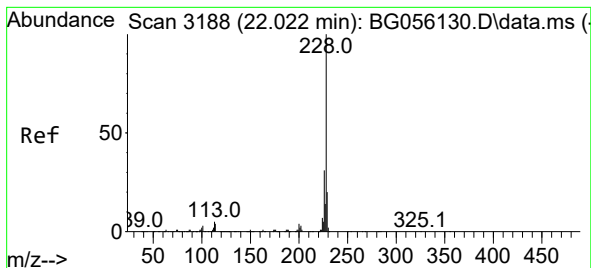
Tgt Ion:228 Resp: 875367
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 28.674 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:252 Resp: 207749
Ion Ratio Lower Upper
252 100
254 63.9 49.5 74.3
126 5.1 4.0 6.0





#83

Chrysene

Concen: 43.043 ng

RT: 22.000 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

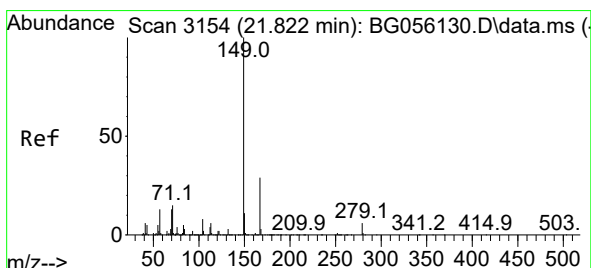
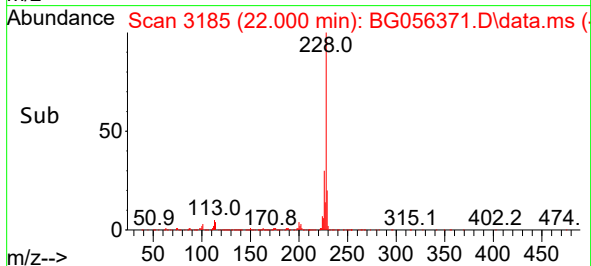
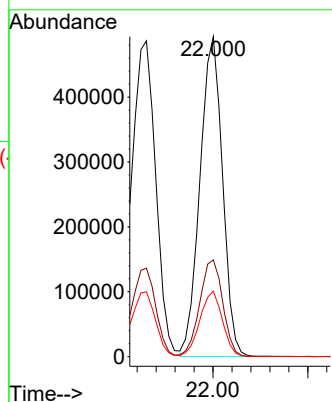
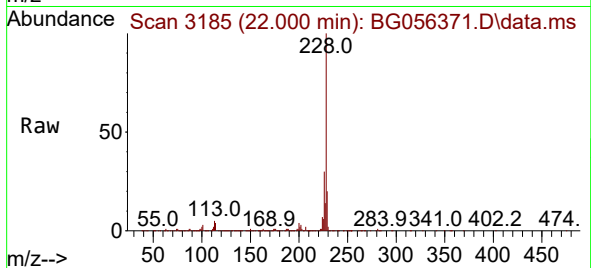
Tgt Ion:228 Resp: 811492

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.193 ng

RT: 21.789 min Scan# 3149

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

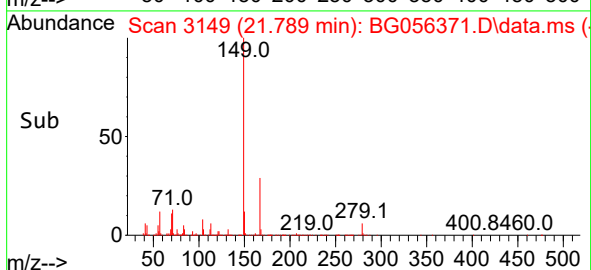
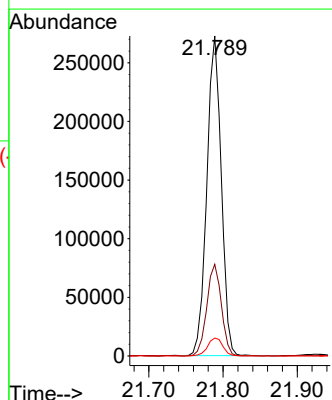
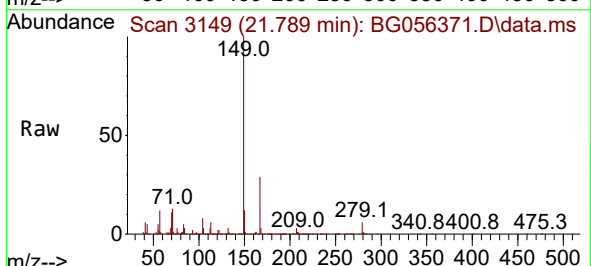
Tgt Ion:149 Resp: 368933

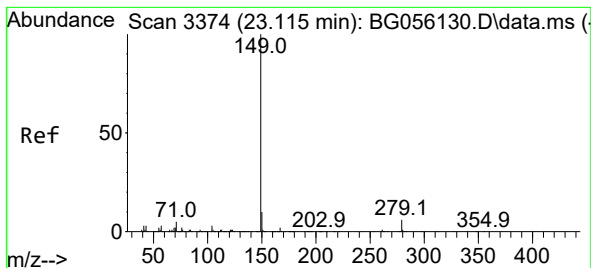
Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.2

279 5.6 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 44.452 ng

RT: 23.064 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

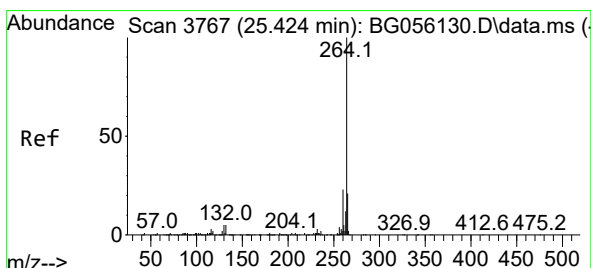
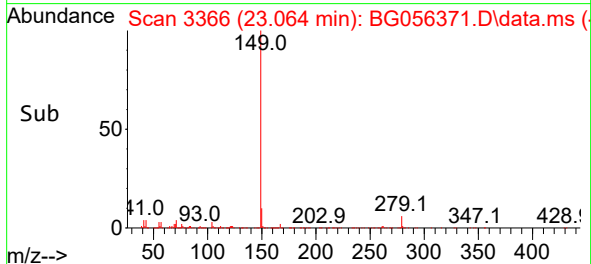
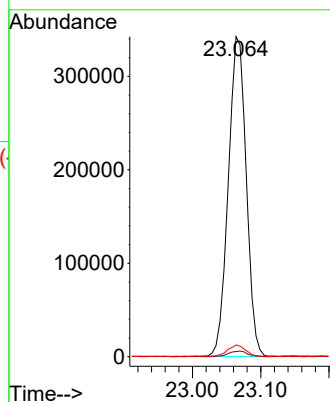
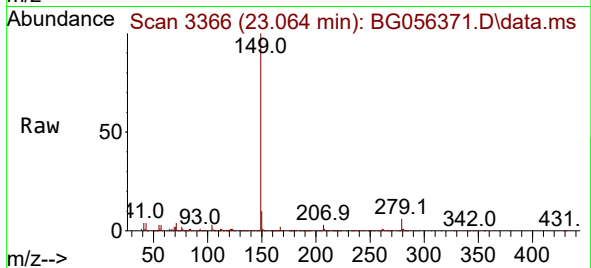
Tgt Ion:149 Resp: 626471

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

43 3.6 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.385 min Scan# 3761

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

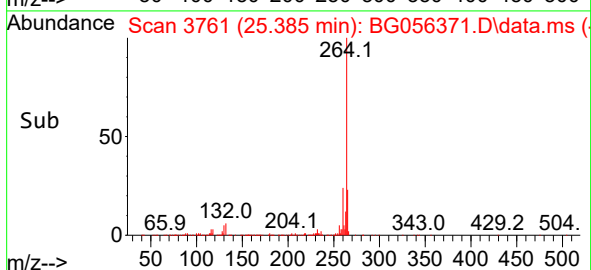
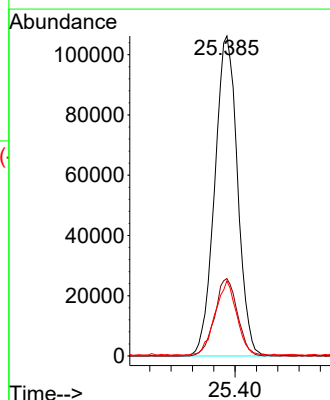
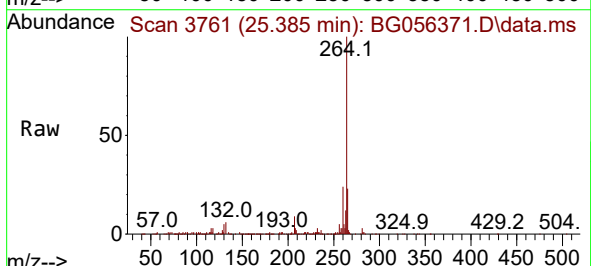
Tgt Ion:264 Resp: 315204

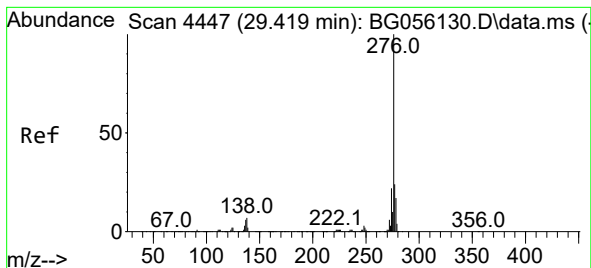
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 23.4 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.426 ng

RT: 29.345 min Scan# 44

Delta R.T. -0.013 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

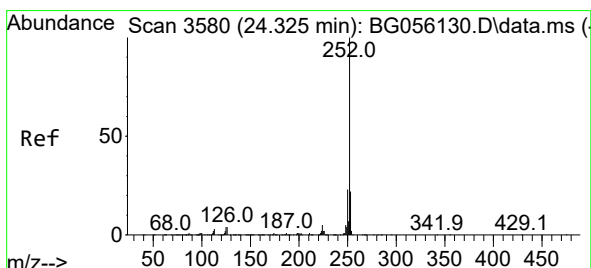
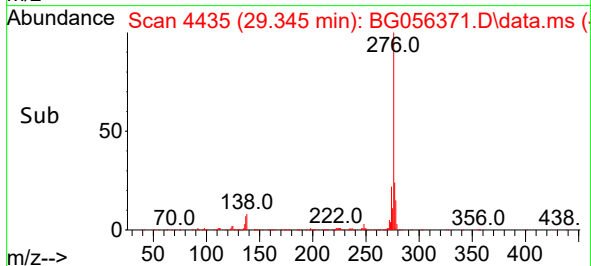
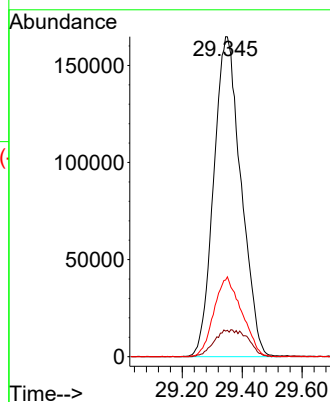
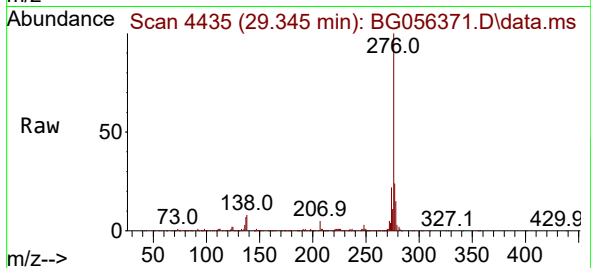
Tgt Ion:276 Resp: 1041329

Ion Ratio Lower Upper

276 100

138 4.7 5.0 7.4#

277 25.4 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.151 ng

RT: 24.292 min Scan# 3575

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

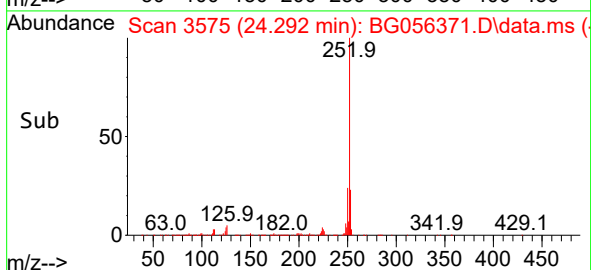
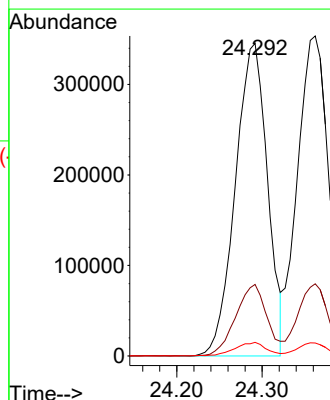
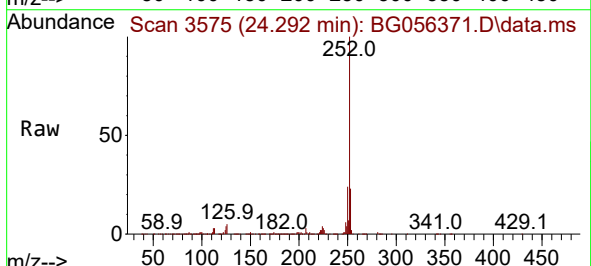
Tgt Ion:252 Resp: 904232

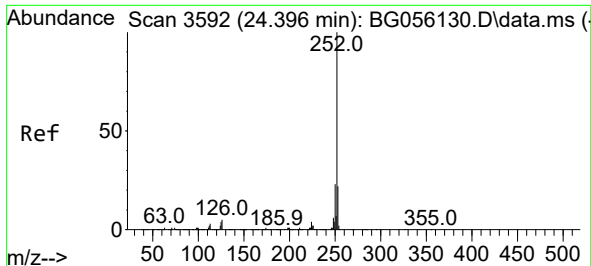
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 4.4 3.0 4.4

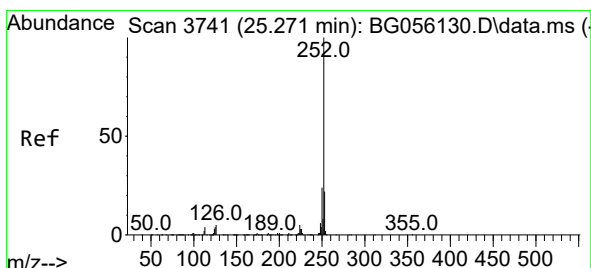
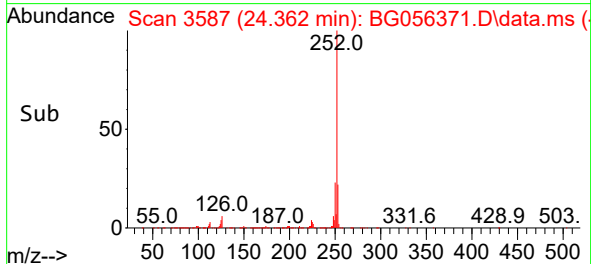
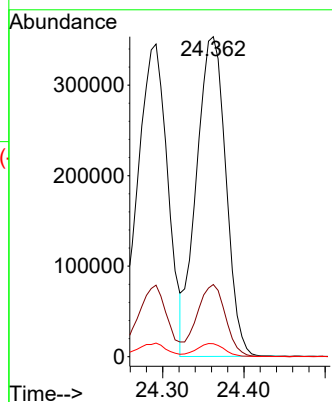
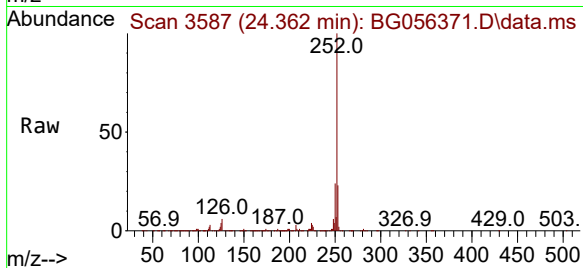




#89
Benzo(k)fluoranthene
Concen: 44.606 ng
RT: 24.362 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

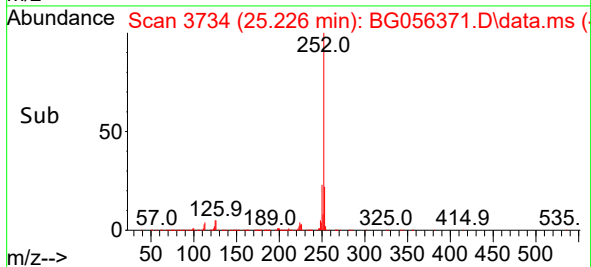
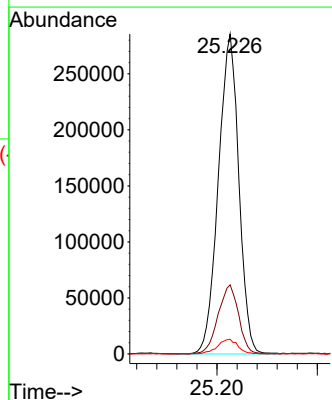
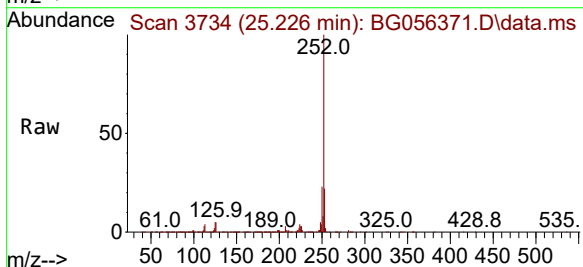
Instrument :
BNA_G
ClientSampleId :
BORING-3MSD

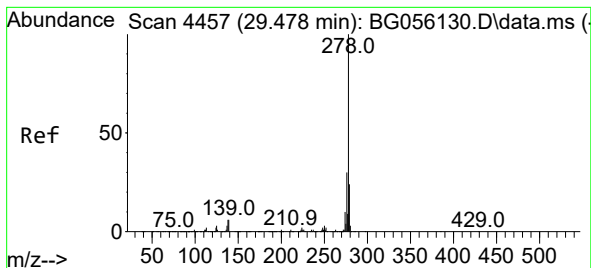
Tgt Ion:252 Resp: 889573
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.1 3.4 5.0



#90
Benzo(a)pyrene
Concen: 41.337 ng
RT: 25.226 min Scan# 3734
Delta R.T. -0.001 min
Lab File: BG056371.D
Acq: 20 Jan 2023 17:24

Tgt Ion:252 Resp: 807447
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.6 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 45.507 ng

RT: 29.415 min Scan# 4447

Delta R.T. 0.005 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

BORING-3MSD

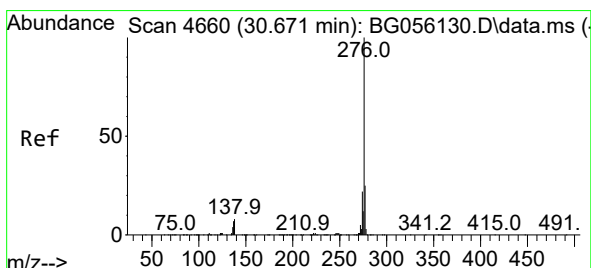
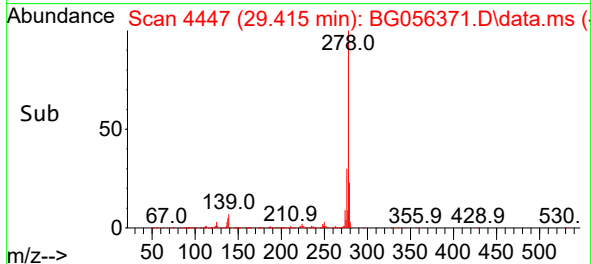
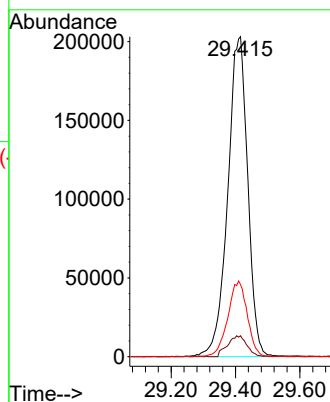
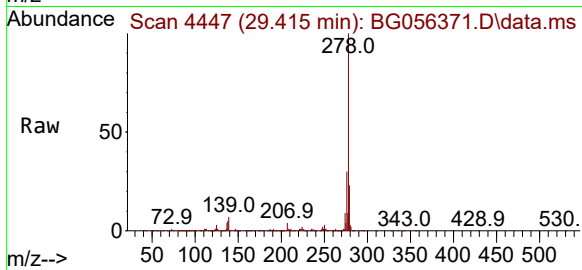
Tgt Ion:278 Resp: 874615

Ion Ratio Lower Upper

278 100

139 6.6 4.8 7.2

279 22.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.949 ng

RT: 30.590 min Scan# 4647

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Tgt Ion:276 Resp: 837742

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 8.4 6.7 10.1

