

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058656.D
 Acq On : 9 Aug 2023 12:57
 Operator : MA/JU
 Sample : 03891-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Aug 09 13:32:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	38356	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	175863	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	139980	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	354123	20.000	ng	0.00
76) Chrysene-d12	21.455	240	301594	20.000	ng	0.00
86) Perylene-d12	24.522	264	382910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	323787	129.027	ng	0.00
7) Phenol-d6	6.990	99	446428	127.848	ng	0.00
23) Nitrobenzene-d5	8.976	82	303421	84.757	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	288071	125.556	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	728613	78.004	ng	0.00
79) Terphenyl-d14	19.828	244	1435060	89.480	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.277	88	44394	36.508	ng	# 51
3) Pyridine	3.676	79	119390	36.012	ng	95
4) n-Nitrosodimethylamine	3.582	42	62469	44.472	ng	92
6) Aniline	7.137	93	150490	35.004	ng	100
8) 2-Chlorophenol	7.378	128	127437	51.765	ng	99
9) Benzaldehyde	6.955	77	58865	31.028	ng	96
10) Phenol	7.013	94	165907	48.639	ng	97
11) bis(2-Chloroethyl)ether	7.237	93	121621	45.227	ng	98
12) 1,3-Dichlorobenzene	7.701	146	116990	44.503	ng	98
13) 1,4-Dichlorobenzene	7.848	146	122447	46.390	ng	99
14) 1,2-Dichlorobenzene	8.165	146	119594	47.390	ng	98
15) Benzyl Alcohol	8.053	79	130212	58.801	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.341	45	211950	48.521	ng	98
17) 2-Methylphenol	8.265	107	122657	49.180	ng	97
18) Hexachloroethane	8.888	117	42569	44.371	ng	95
19) n-Nitroso-di-n-propyla...	8.617	70	110892	49.165	ng	99
20) 3+4-Methylphenols	8.594	107	174791	51.812	ng	98
22) Acetophenone	8.635	105	211278	44.868	ng	# 99
24) Nitrobenzene	9.023	77	157687	43.327	ng	98
25) Isophorone	9.540	82	339963	45.961	ng	99
26) 2-Nitrophenol	9.728	139	71418	45.080	ng	98
27) 2,4-Dimethylphenol	9.792	122	124904	47.532	ng	97
28) bis(2-Chloroethoxy)met...	10.022	93	182297	45.287	ng	97
29) 2,4-Dichlorophenol	10.268	162	138059	50.600	ng	98
30) 1,2,4-Trichlorobenzene	10.480	180	136046	43.236	ng	99
31) Naphthalene	10.662	128	395637	42.684	ng	99
32) Benzoic acid	9.922	122	12333	10.126	ng	# 85
33) 4-Chloroaniline	10.779	127	71231	18.189	ng	98
34) Hexachlorobutadiene	10.944	225	82552	40.739	ng	99
35) Caprolactam	11.561	113	34213	33.957	ng	# 79
36) 4-Chloro-3-methylphenol	11.913	107	181576	53.797	ng	99
37) 2-Methylnaphthalene	12.278	142	287844	43.414	ng	99
38) 1-Methylnaphthalene	12.501	142	282338	44.797	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	176111	40.980	ng	100
41) Hexachlorocyclopentadiene	12.624	237	103571	54.281	ng	98
43) 2,4,6-Trichlorophenol	12.895	196	134358	45.454	ng	93

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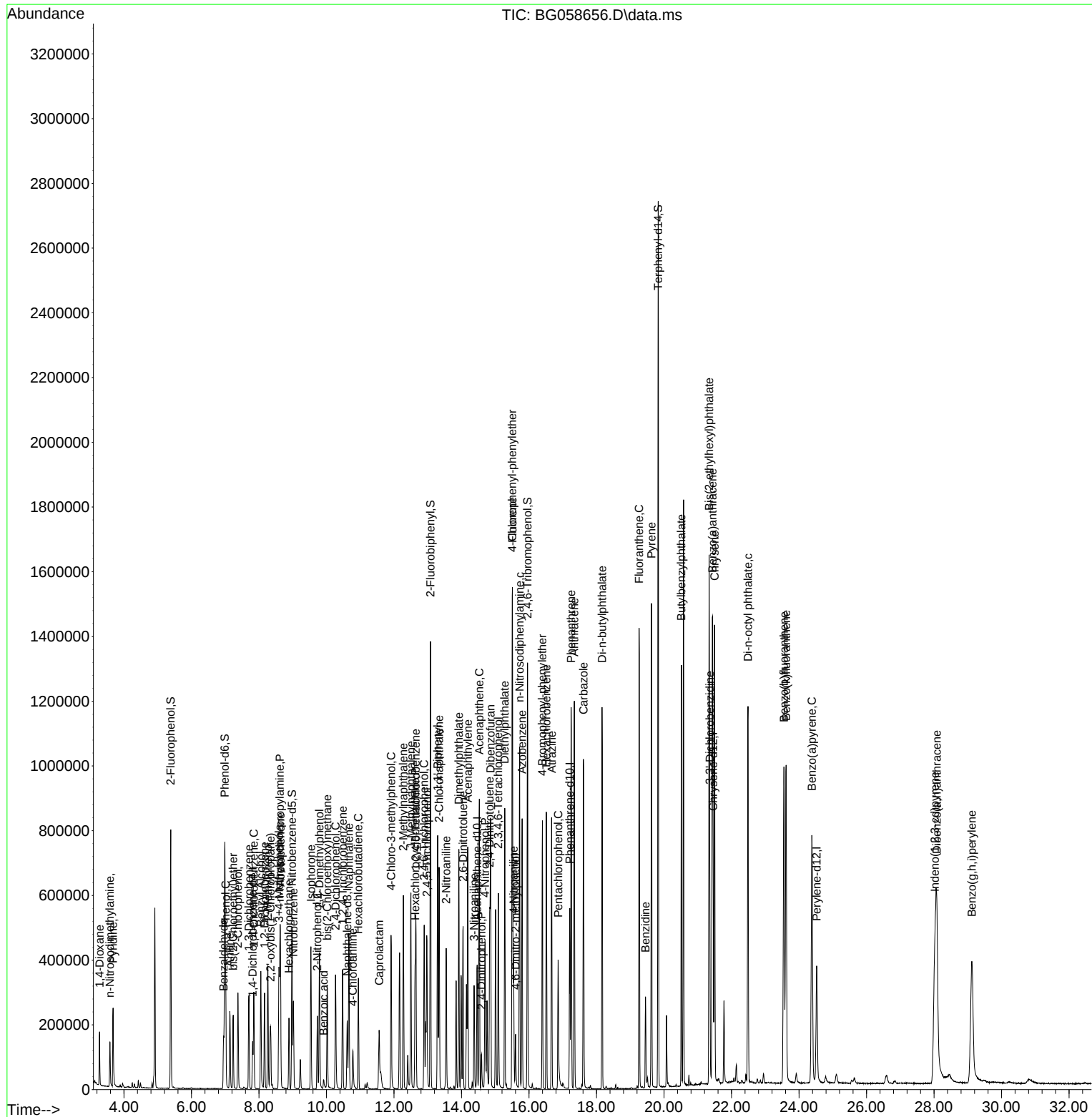
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	150954	43.358	ng	97
46) 1,1'-Biphenyl	13.294	154	404969	42.127	ng	99
47) 2-Chloronaphthalene	13.335	162	324513	43.295	ng	98
48) 2-Nitroaniline	13.547	65	138646	48.462	ng	98
49) Acenaphthylene	14.187	152	558964	44.542	ng	99
50) Dimethylphthalate	13.923	163	487645	46.386	ng	99
51) 2,6-Dinitrotoluene	14.046	165	106877	46.333	ng	99
52) Acenaphthene	14.528	154	317184	43.743	ng	99
53) 3-Nitroaniline	14.375	138	77180	33.442	ng	99
54) 2,4-Dinitrophenol	14.593	184	27656	26.763	ng	96
55) Dibenzofuran	14.863	168	552164	44.316	ng	97
56) 4-Nitrophenol	14.698	139	134738	78.840	ng	97
57) 2,4-Dinitrotoluene	14.834	165	152619	47.724	ng	95
58) Fluorene	15.509	166	448637	45.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	137530	46.292	ng	99
60) Diethylphthalate	15.280	149	492057	45.944	ng	100
61) 4-Chlorophenyl-phenyle...	15.503	204	245553	44.498	ng	98
62) 4-Nitroaniline	15.544	138	108776	49.755	ng	97
63) Azobenzene	15.797	77	475585	45.084	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	41483	21.245	ng	95
66) n-Nitrosodiphenylamine	15.721	169	405071	43.949	ng	100
67) 4-Bromophenyl-phenylether	16.396	248	176422	43.924	ng	95
68) Hexachlorobenzene	16.514	284	197052	46.299	ng	99
69) Atrazine	16.673	200	161587	51.934	ng	99
70) Pentachlorophenol	16.866	266	114927	44.612	ng	97
71) Phenanthrene	17.248	178	739166	44.013	ng	99
72) Anthracene	17.342	178	748605	43.443	ng	99
73) Carbazole	17.613	167	697647	45.911	ng	99
74) Di-n-butylphthalate	18.165	149	848616	44.586	ng	100
75) Fluoranthene	19.264	202	893605	44.297	ng	99
77) Benzidine	19.452	184	196830	43.038	ng	99
78) Pyrene	19.628	202	905614	44.122	ng	100
80) Butylbenzylphthalate	20.515	149	376446	44.651	ng	99
81) Benzo(a)anthracene	21.432	228	942477	45.409	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	264821	37.737	ng	100
83) Chrysene	21.496	228	876656	44.053	ng	100
84) Bis(2-ethylhexyl)phtha...	21.338	149	548796	44.544	ng	98
85) Di-n-octyl phthalate	22.489	149	970860	44.821	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	1121445	44.024	ng	99
88) Benzo(b)fluoranthene	23.553	252	981593	47.264	ng	100
89) Benzo(k)fluoranthene	23.617	252	971862	46.582	ng	100
90) Benzo(a)pyrene	24.381	252	886985	43.489	ng	98
91) Dibenzo(a,h)anthracene	28.083	278	949416	45.075	ng	99
92) Benzo(g,h,i)perylene	29.123	276	895563	42.401	ng	99

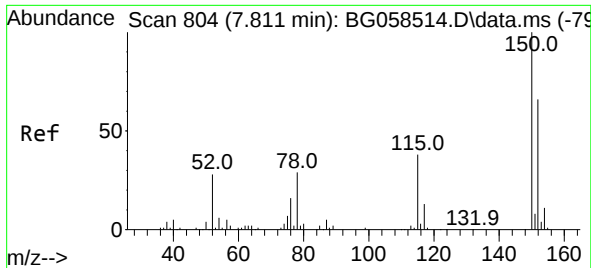
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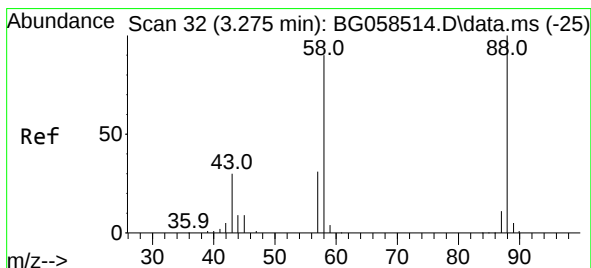
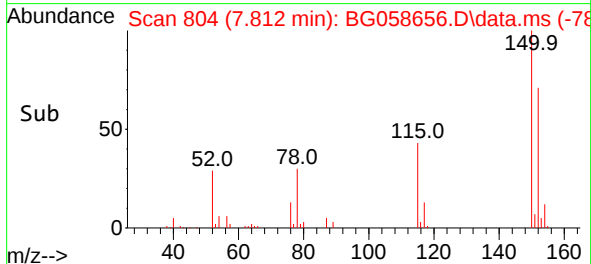
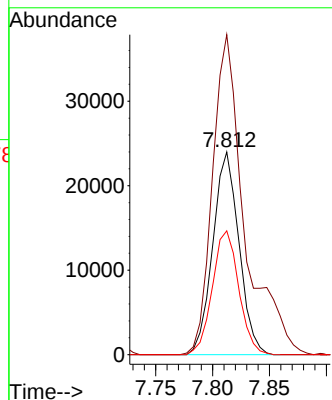
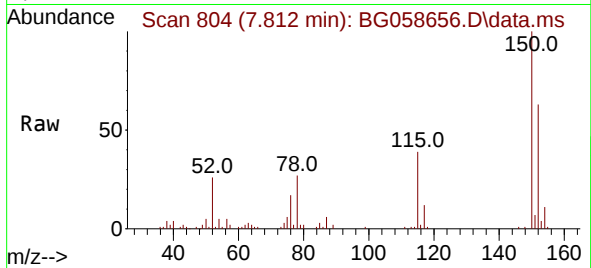




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 804
 Delta R.T. 0.001 min
 Lab File: BG058656.D
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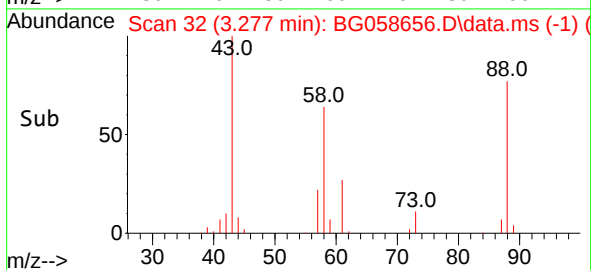
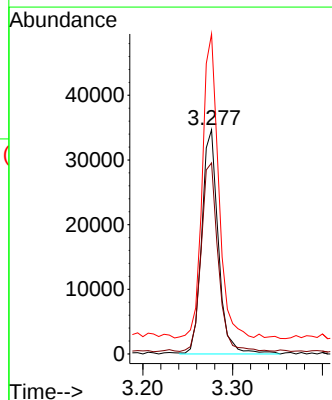
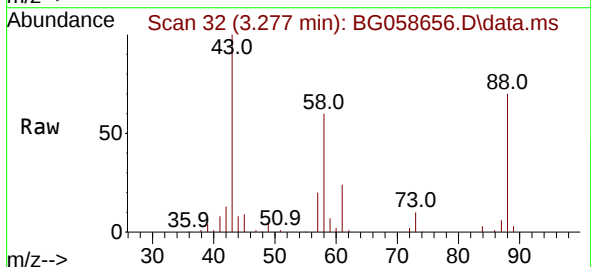
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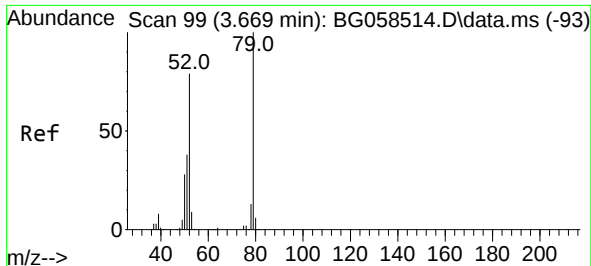
Tgt Ion:152 Resp: 38356
 Ion Ratio Lower Upper
 152 100
 150 157.9 120.5 180.7
 115 61.1 45.9 68.9



#2
 1,4-Dioxane
 Concen: 36.508 ng
 RT: 3.277 min Scan# 32
 Delta R.T. 0.001 min
 Lab File: BG058656.D
 Acq: 9 Aug 2023 12:57

Tgt Ion: 88 Resp: 44394
 Ion Ratio Lower Upper
 88 100
 58 85.5 68.9 103.3
 43 132.5 22.9 34.3#





#3

Pyridine

Concen: 36.012 ng

RT: 3.676 min Scan# 100

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

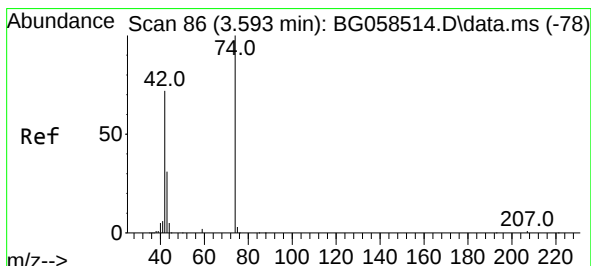
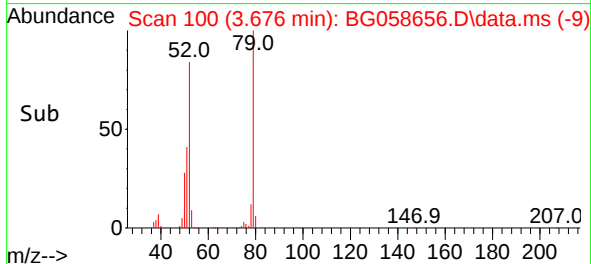
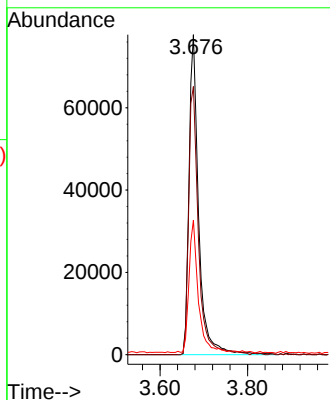
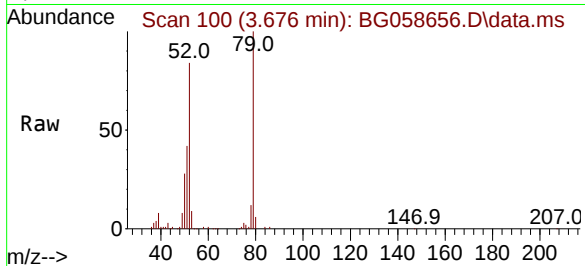
Tgt Ion: 79 Resp: 119390

Ion Ratio Lower Upper

79 100

52 83.8 63.2 94.8

51 42.0 31.9 47.9



#4

n-Nitrosodimethylamine

Concen: 44.472 ng

RT: 3.582 min Scan# 84

Delta R.T. -0.011 min

Lab File: BG058656.D

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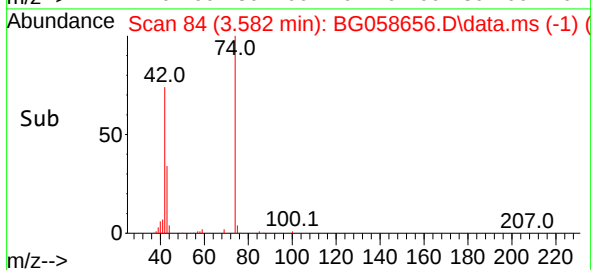
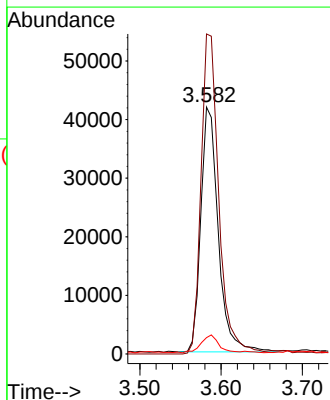
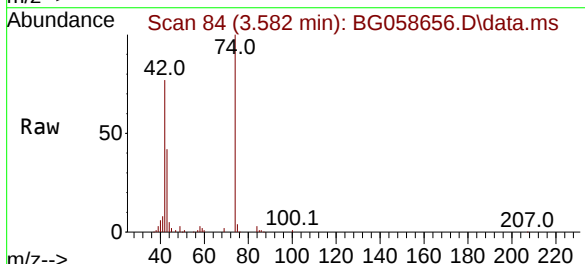
Tgt Ion: 42 Resp: 62469

Ion Ratio Lower Upper

42 100

74 129.6 111.5 167.3

44 6.6 5.4 8.2

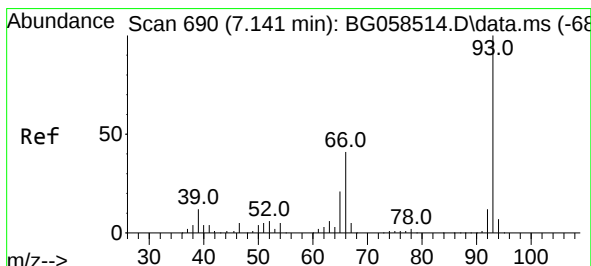
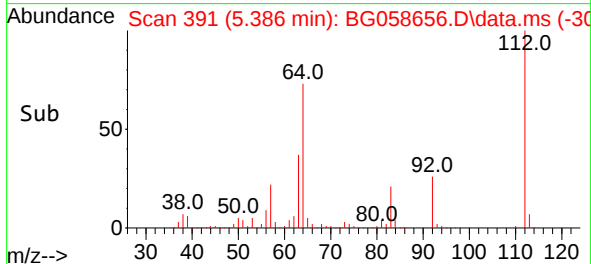
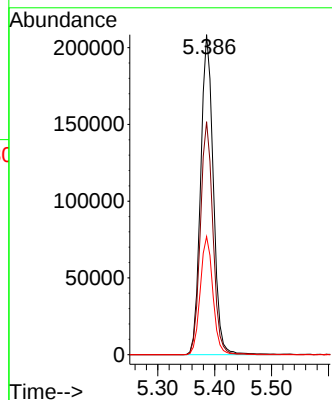
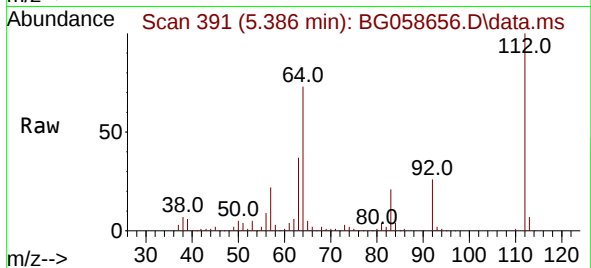




#5
2-Fluorophenol
Concen: 129.027 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

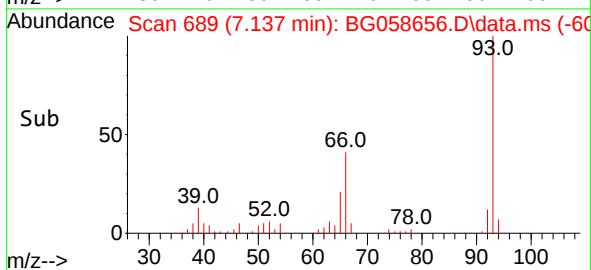
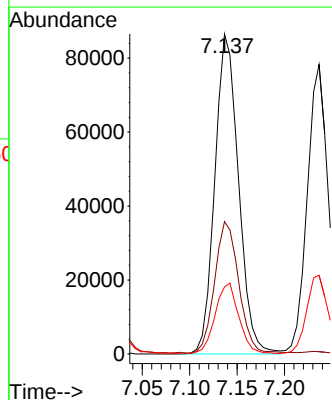
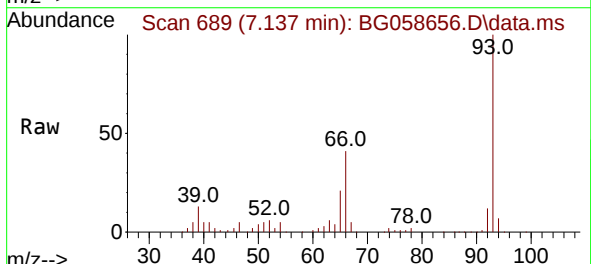
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Tgt Ion:112 Resp: 323787
Ion Ratio Lower Upper
112 100
64 72.8 55.3 82.9
63 36.9 28.3 42.5



#6
Aniline
Concen: 35.004 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion: 93 Resp: 150490
Ion Ratio Lower Upper
93 100
66 41.4 33.1 49.7
65 20.9 17.0 25.4

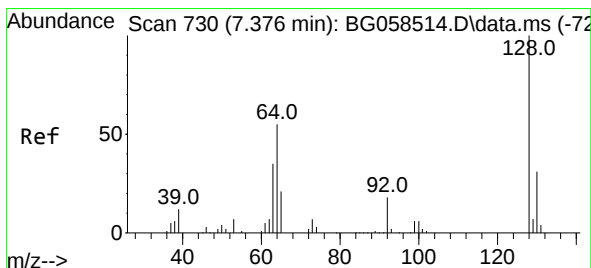
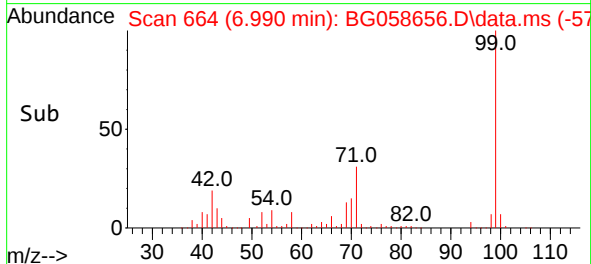
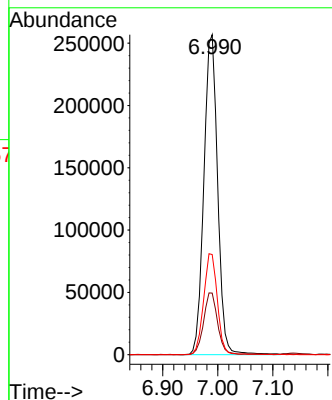
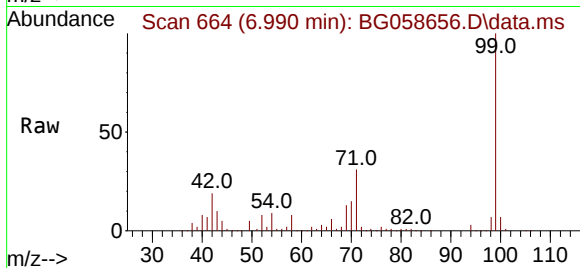




#7
Phenol-d6
Concen: 127.848 ng
RT: 6.990 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

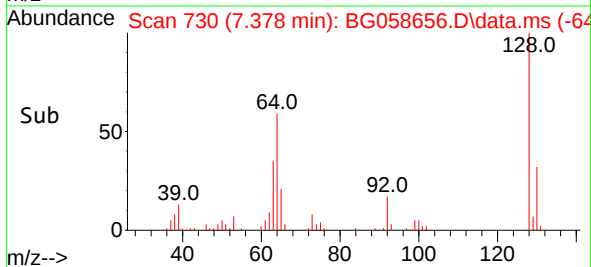
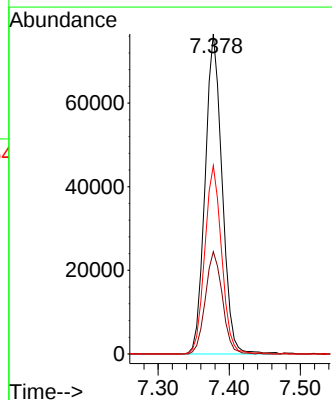
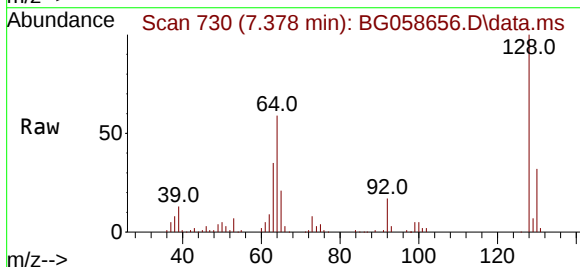
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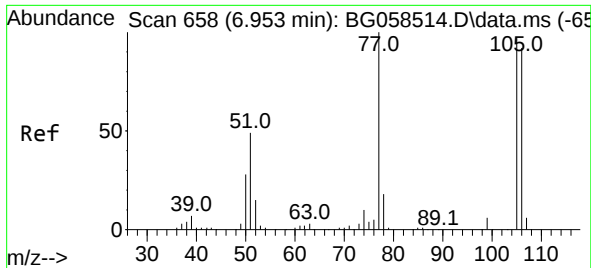
Tgt Ion: 99 Resp: 446428
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.3 25.0 37.4



#8
2-Chlorophenol
Concen: 51.765 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058656.D
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Tgt Ion:128 Resp: 127437
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 58.9 39.0 79.0

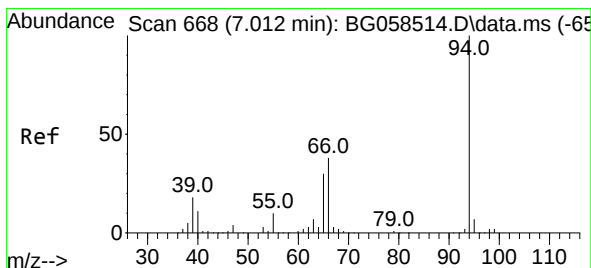
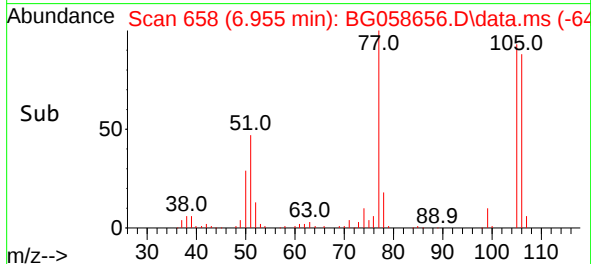
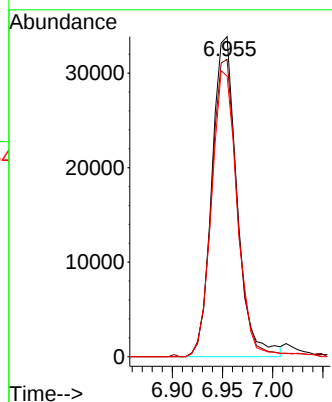
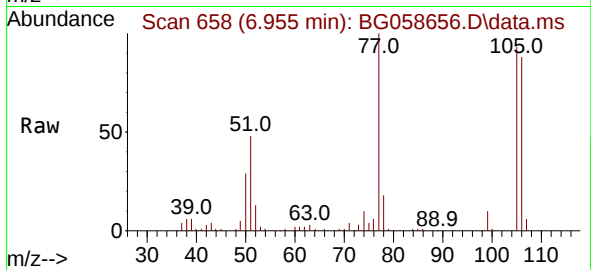




#9
Benzaldehyde
Concen: 31.028 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.002 min
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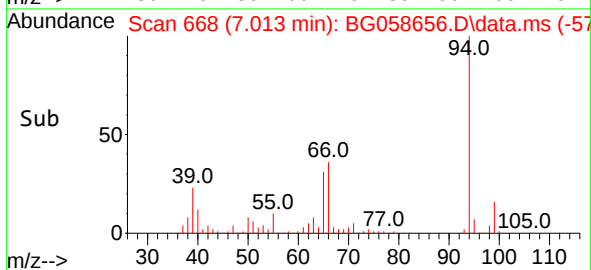
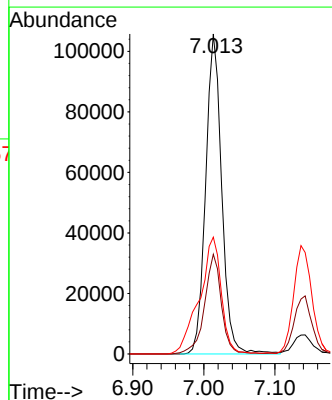
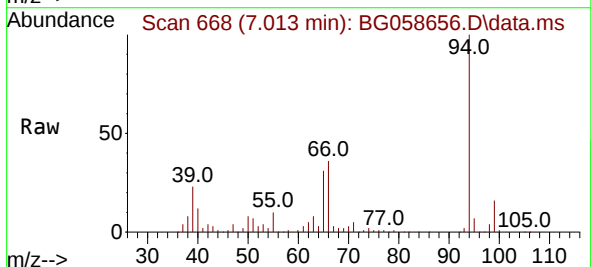
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Tgt Ion: 77	Resp: 58865
Ion Ratio	Lower Upper
77 100	
105 92.9	77.1 117.1
106 87.7	71.6 111.6



#10
Phenol
Concen: 48.639 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
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Tgt Ion: 94	Resp: 165907
Ion Ratio	Lower Upper
94 100	
65 31.2	10.4 50.4
66 36.5	18.7 58.7

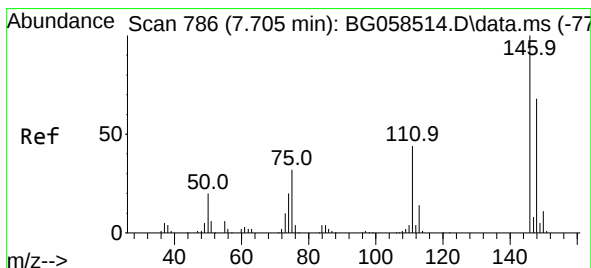
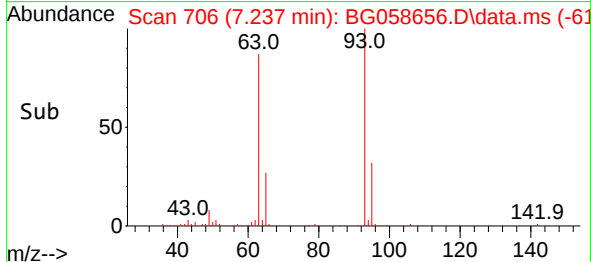
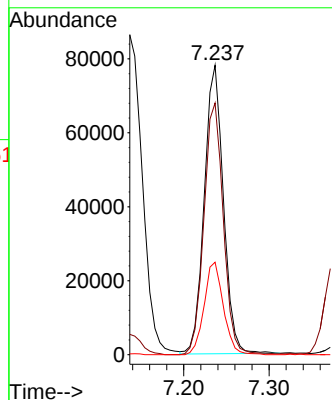
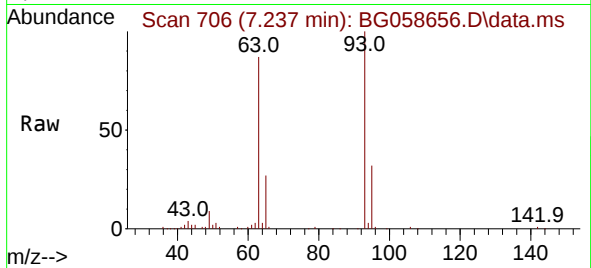




#11
bis(2-Chloroethyl)ether
Concen: 45.227 ng
RT: 7.237 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

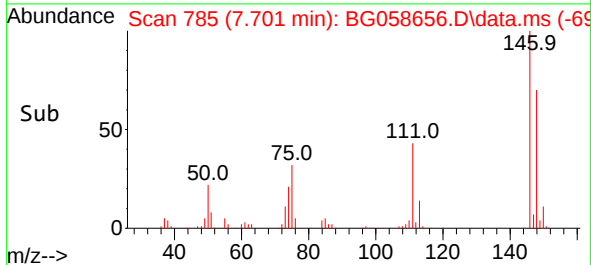
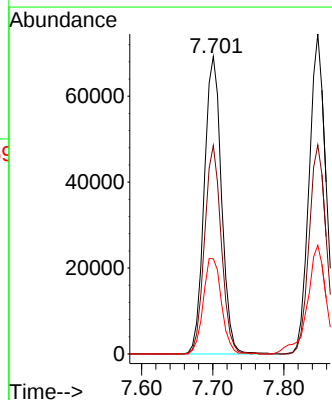
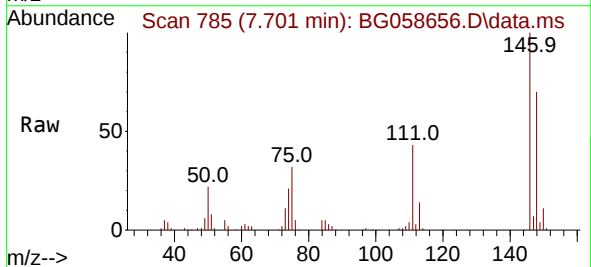
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 93 Resp: 121621
Ion Ratio Lower Upper
93 100
63 87.0 65.5 105.5
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 44.503 ng
RT: 7.701 min Scan# 785
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:146 Resp: 116990
Ion Ratio Lower Upper
146 100
148 70.1 54.7 82.1
75 32.0 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 46.390 ng

RT: 7.848 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

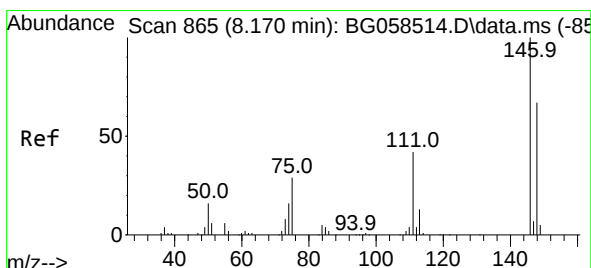
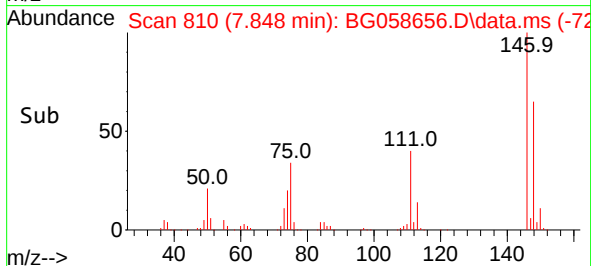
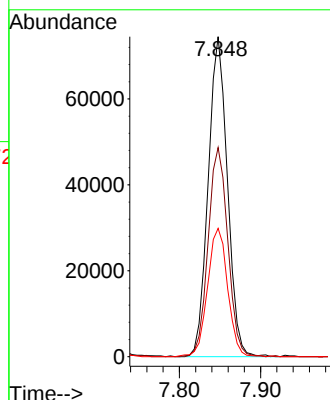
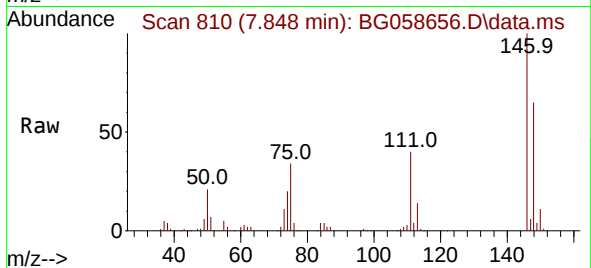
Tgt Ion:146 Resp: 122447

Ion Ratio Lower Upper

146 100

148 65.3 52.8 79.2

111 40.1 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 47.390 ng

RT: 8.165 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

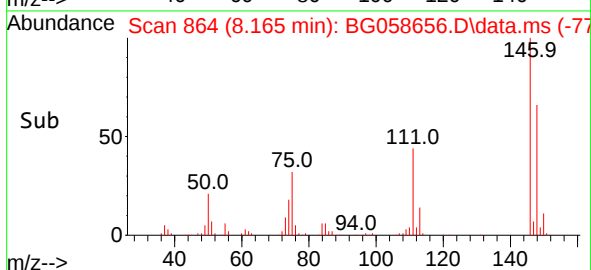
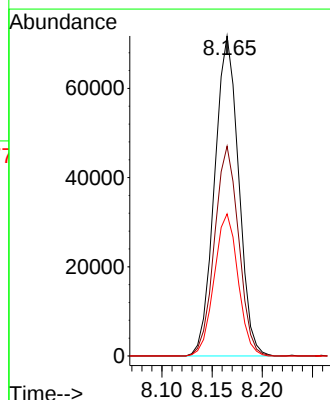
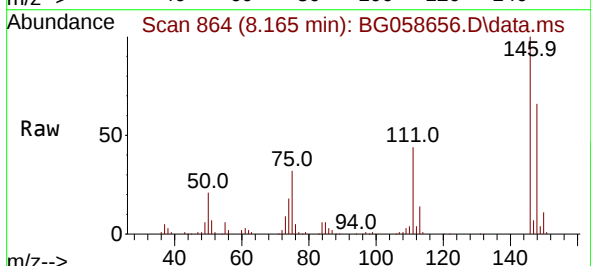
Tgt Ion:146 Resp: 119594

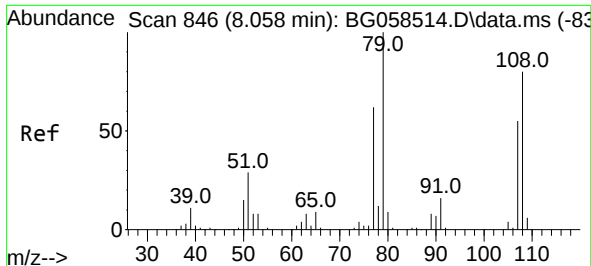
Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.2

111 44.4 34.2 51.2

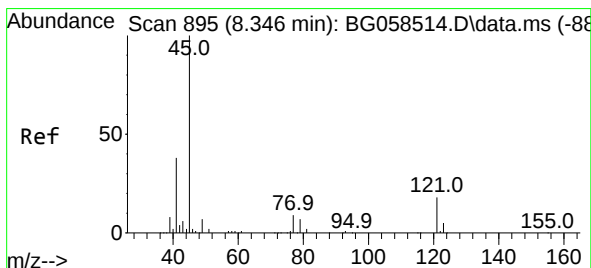
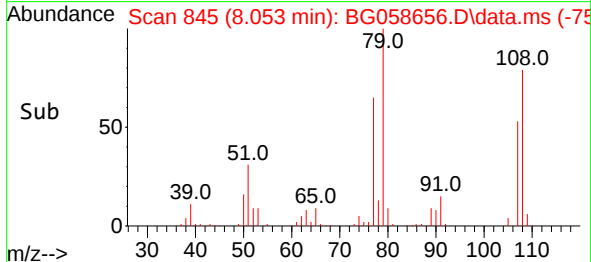
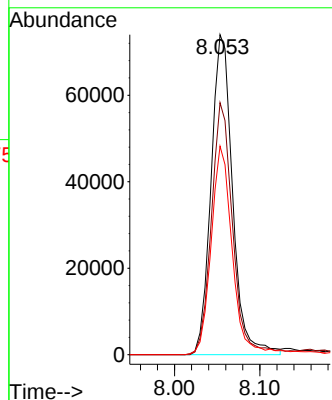
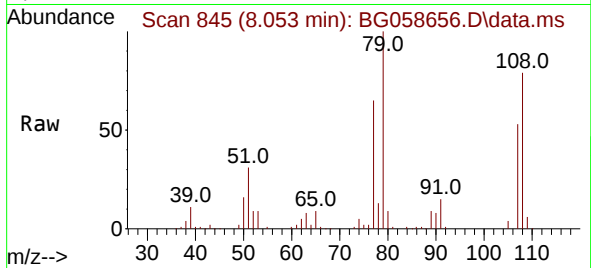




#15
Benzyl Alcohol
Concen: 58.801 ng
RT: 8.053 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

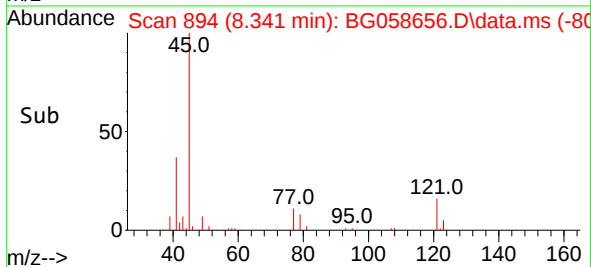
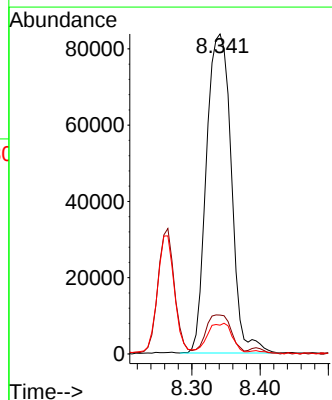
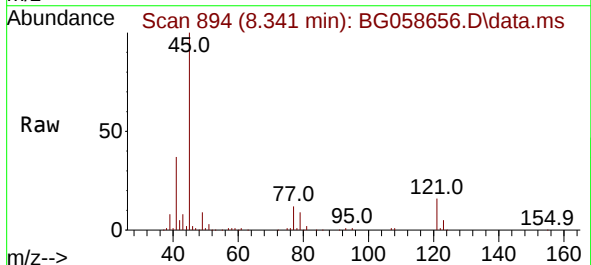
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 79 Resp: 130212
Ion Ratio Lower Upper
79 100
108 78.7 63.8 95.6
77 65.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.521 ng
RT: 8.341 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion: 45 Resp: 211950
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.6
79 9.0 0.0 30.2





#17

2-Methylphenol

Concen: 49.180 ng

RT: 8.265 min Scan# 81

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 122657

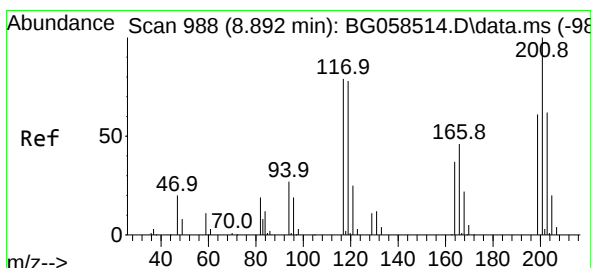
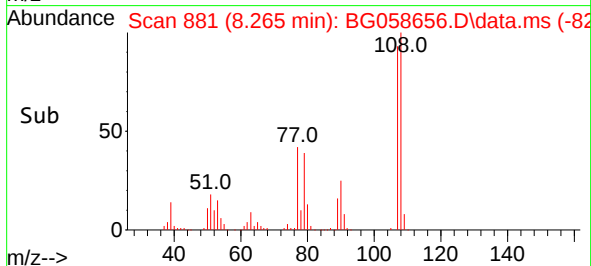
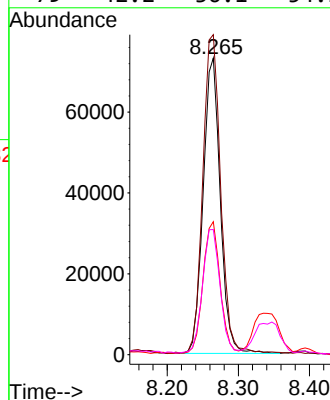
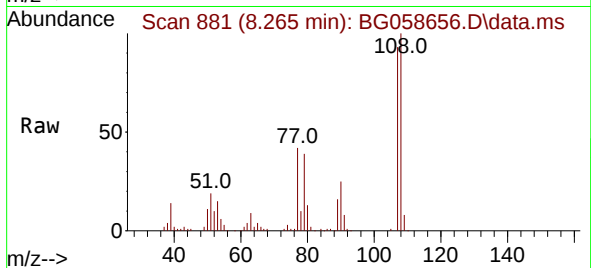
Ion Ratio Lower Upper

107 100

108 107.9 89.1 133.7

77 44.8 36.2 54.4

79 42.2 36.1 54.1



#18

Hexachloroethane

Concen: 44.371 ng

RT: 8.888 min Scan# 987

Delta R.T. -0.005 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

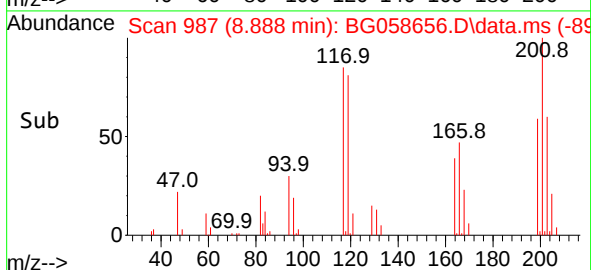
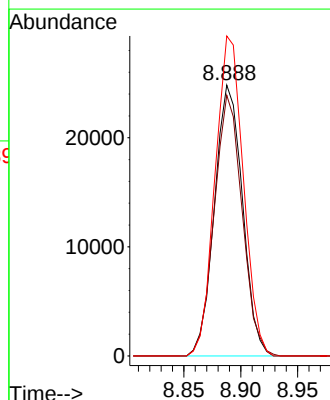
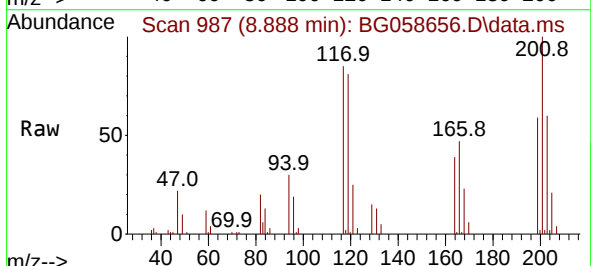
Tgt Ion:117 Resp: 42569

Ion Ratio Lower Upper

117 100

119 96.2 78.6 117.8

201 118.1 101.4 152.0

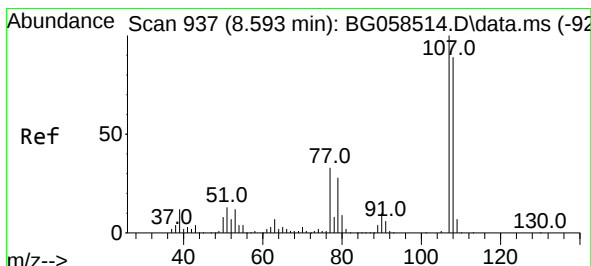
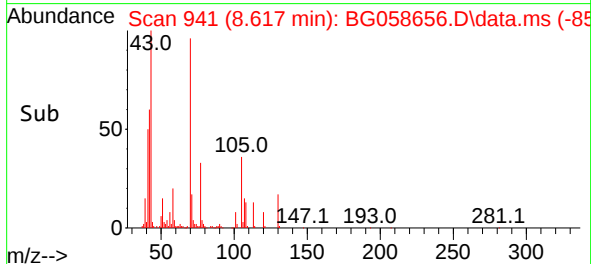
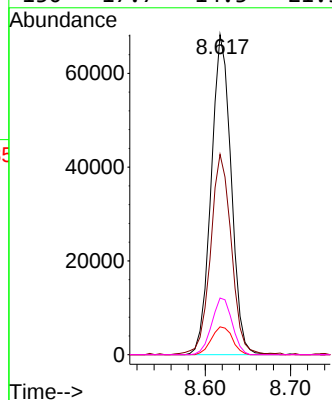
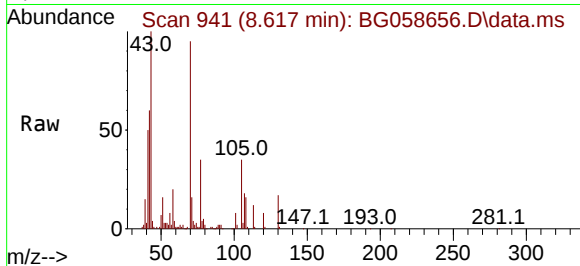




#19
n-Nitroso-di-n-propylamine
Concen: 49.165 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

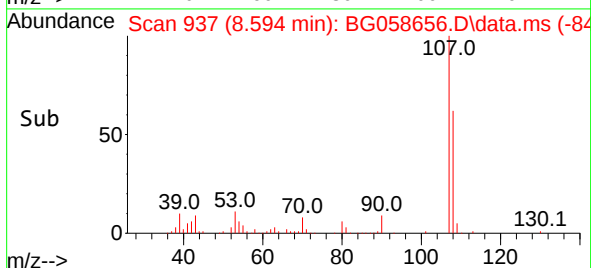
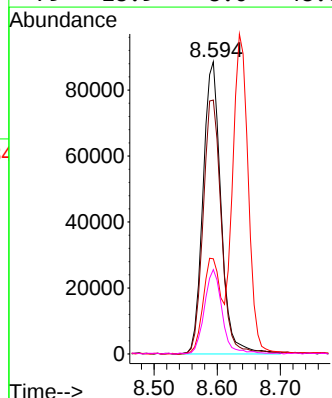
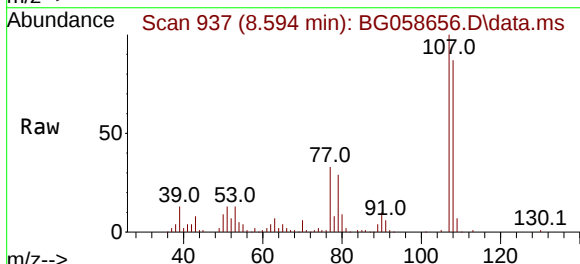
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

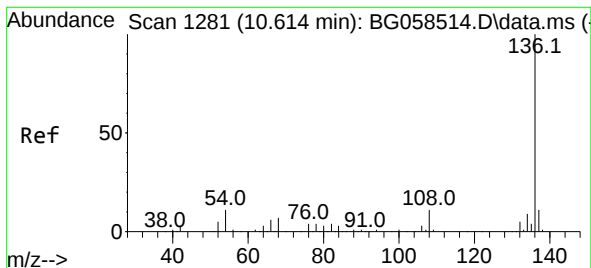
Tgt Ion: 70 Resp: 110892
Ion Ratio Lower Upper
70 100
42 62.6 49.7 74.5
101 8.7 7.0 10.4
130 17.7 14.3 21.5



#20
3+4-Methylphenols
Concen: 51.812 ng
RT: 8.594 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion: 107 Resp: 174791
Ion Ratio Lower Upper
107 100
108 86.9 69.4 109.4
77 32.6 13.0 53.0
79 28.9 8.0 48.0

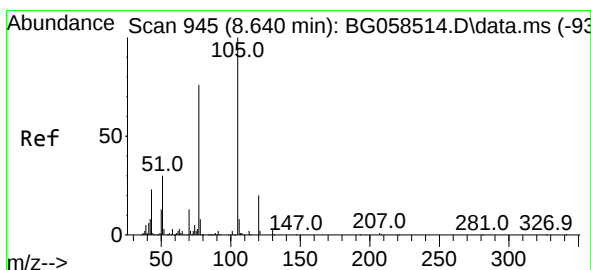
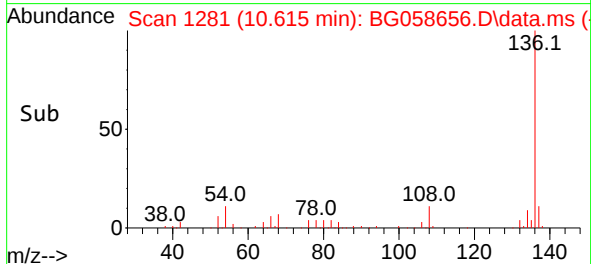
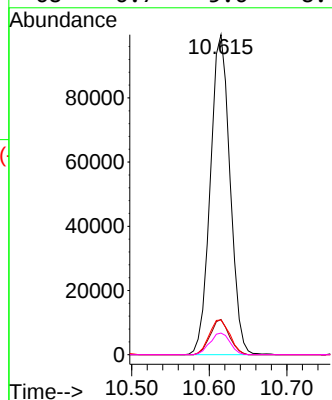
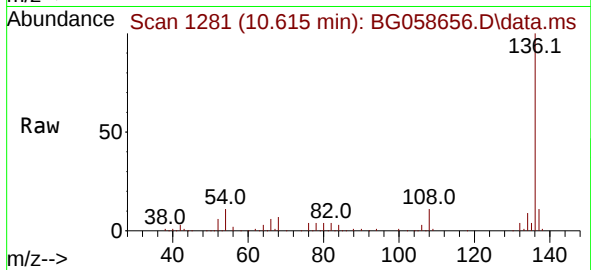




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

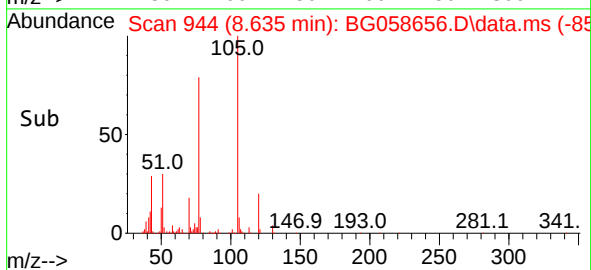
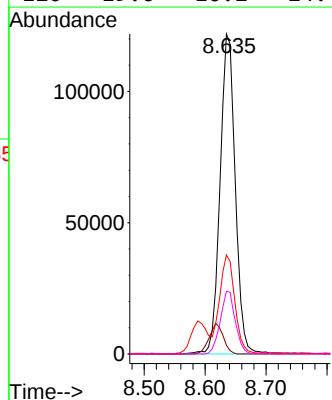
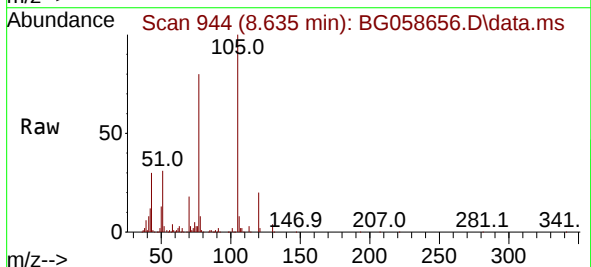
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:136 Resp: 175863
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.9 8.9 13.3
68 6.7 5.6 8.4



#22
Acetophenone
Concen: 44.868 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:105 Resp: 211278
Ion Ratio Lower Upper
105 100
71 2.7 1.8 2.6#
51 31.0 24.2 36.2
120 19.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 84.757 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

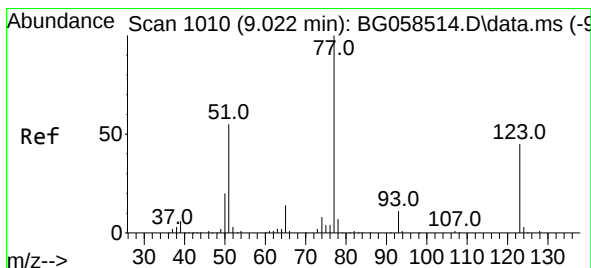
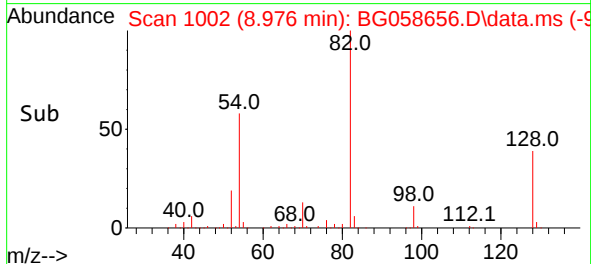
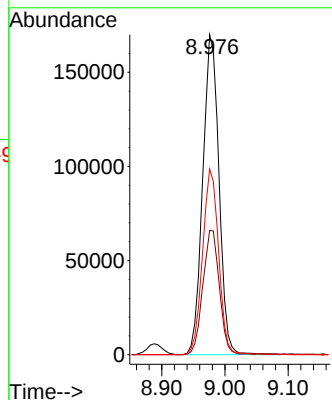
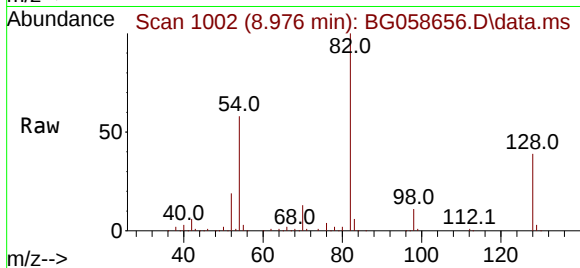
Tgt Ion: 82 Resp: 303421

Ion Ratio Lower Upper

82 100

128 38.8 32.2 48.2

54 58.0 46.0 69.0



#24

Nitrobenzene

Concen: 43.327 ng

RT: 9.023 min Scan# 1010

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

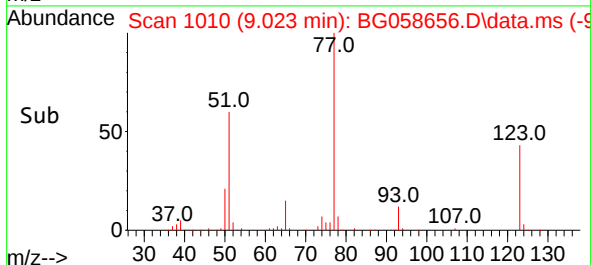
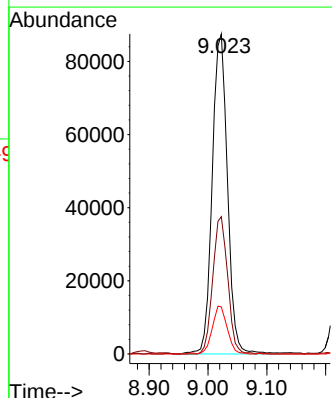
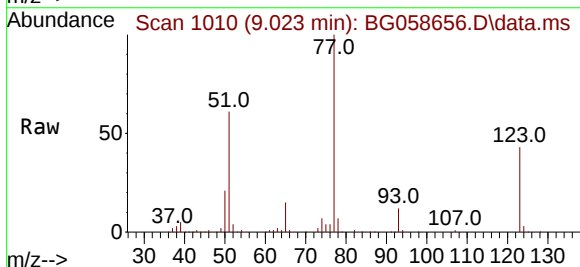
Tgt Ion: 77 Resp: 157687

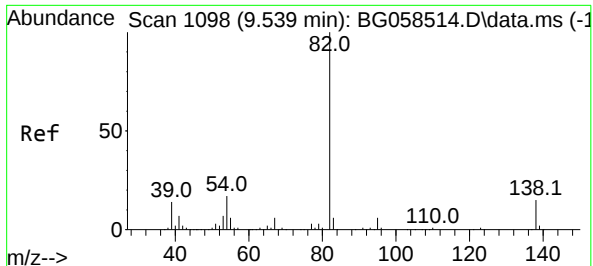
Ion Ratio Lower Upper

77 100

123 42.9 35.6 53.4

65 14.7 11.4 17.0

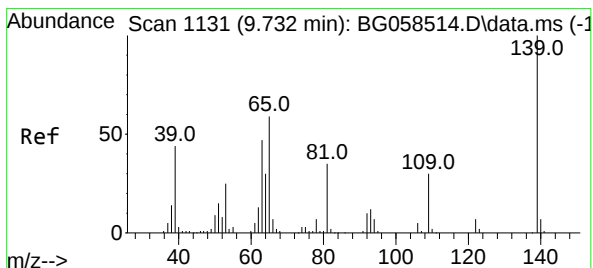
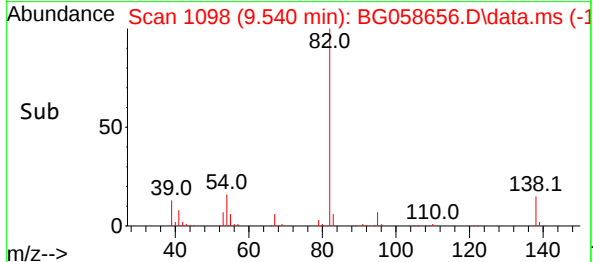
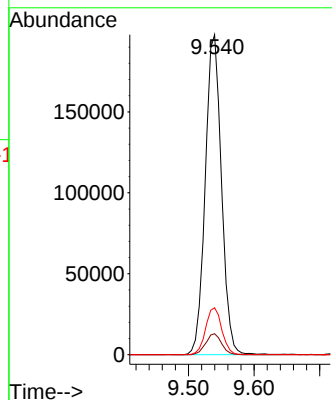
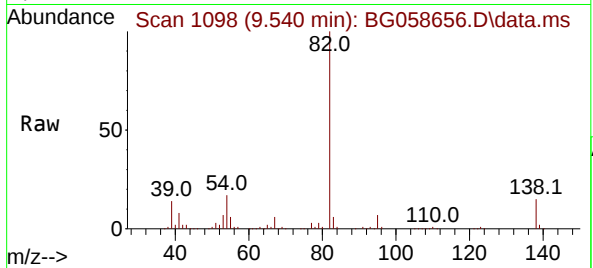




#25
Isophorone
Concen: 45.961 ng
RT: 9.540 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

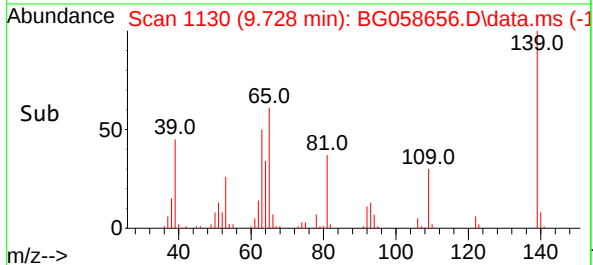
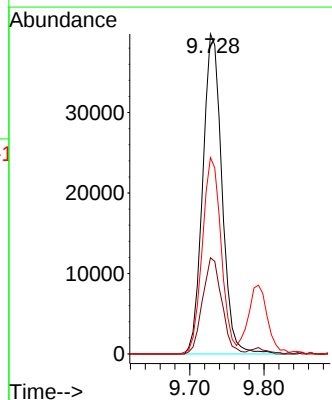
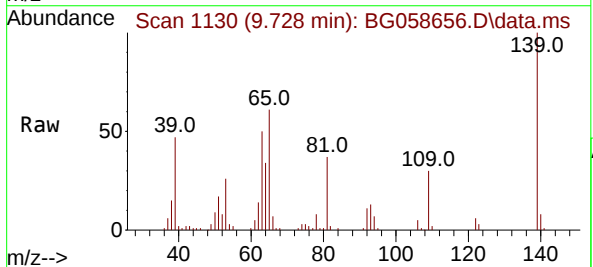
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 82 Resp: 339963
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.6 11.9 17.9



#26
2-Nitrophenol
Concen: 45.080 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:139 Resp: 71418
Ion Ratio Lower Upper
139 100
109 30.0 24.2 36.2
65 61.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.532 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

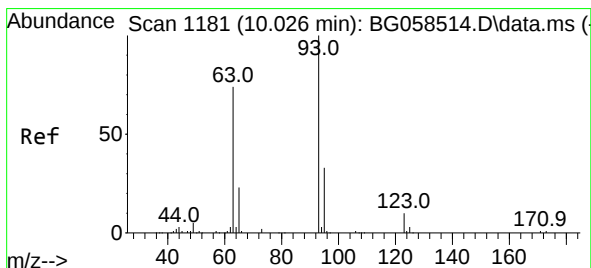
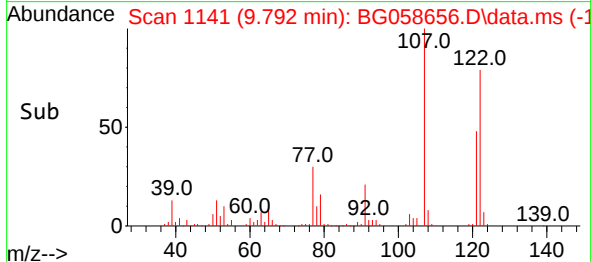
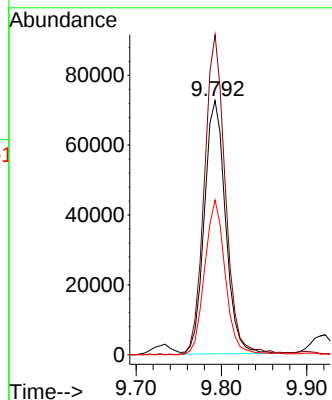
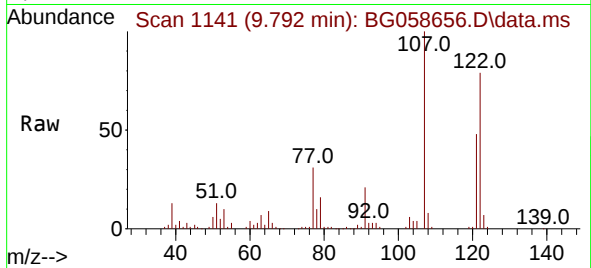
Tgt Ion:122 Resp: 124904

Ion Ratio Lower Upper

122 100

107 125.9 98.0 147.0

121 60.9 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.287 ng

RT: 10.022 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

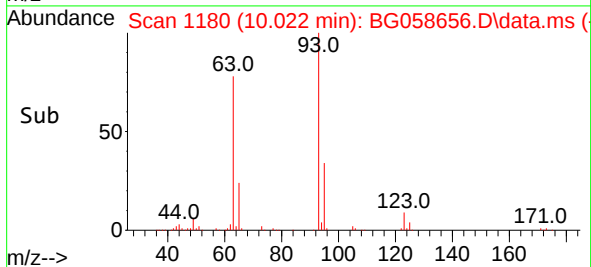
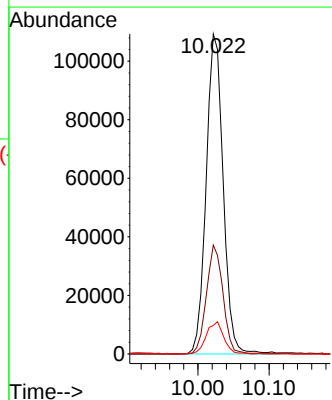
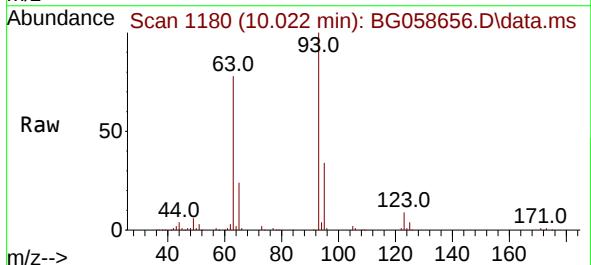
Tgt Ion: 93 Resp: 182297

Ion Ratio Lower Upper

93 100

95 34.1 26.0 39.0

123 8.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 50.600 ng

RT: 10.268 min Scan# 1222

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

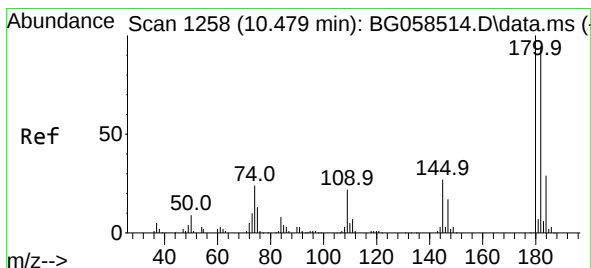
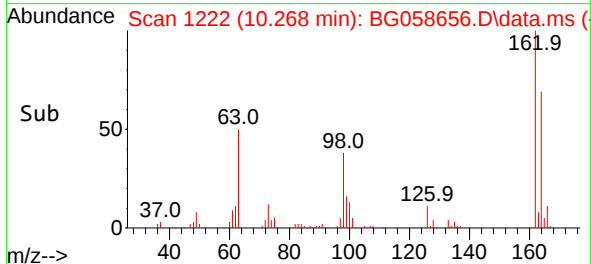
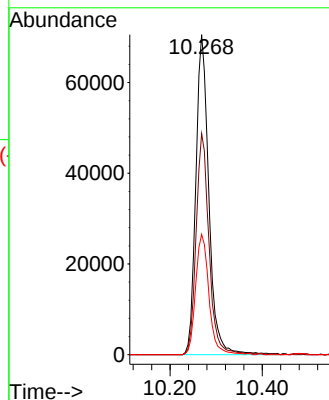
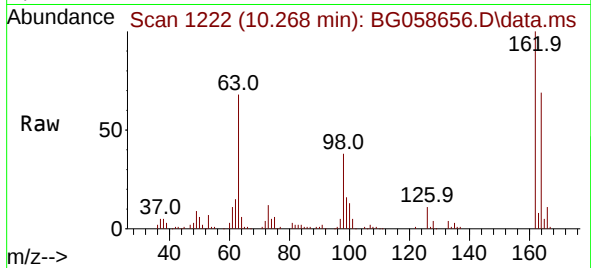
Tgt Ion:162 Resp: 138059

Ion Ratio Lower Upper

162 100

164 69.1 47.6 87.6

98 37.6 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 43.236 ng

RT: 10.480 min Scan# 1258

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

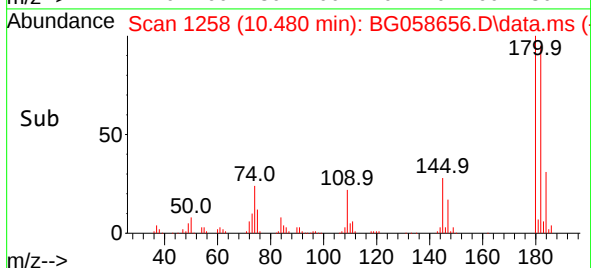
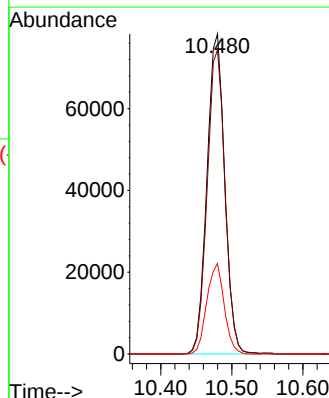
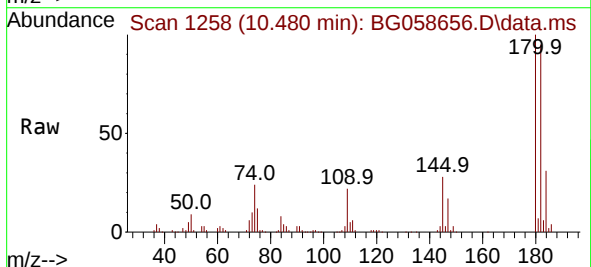
Tgt Ion:180 Resp: 136046

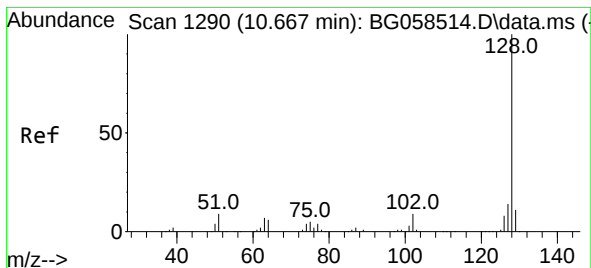
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.4

145 28.3 21.9 32.9

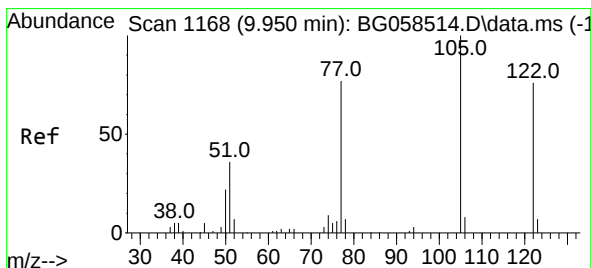
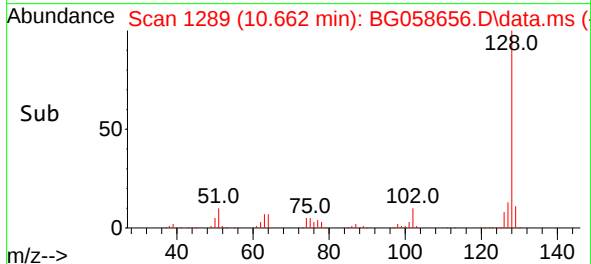
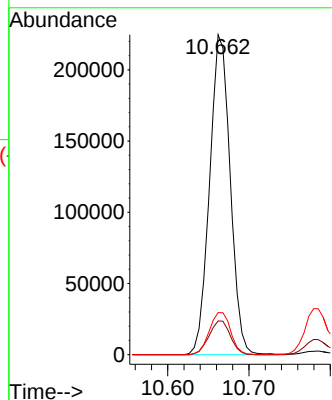
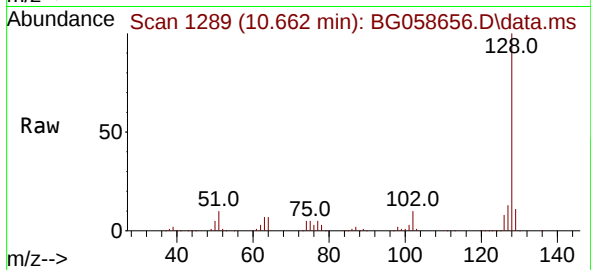




#31
Naphthalene
Concen: 42.684 ng
RT: 10.662 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

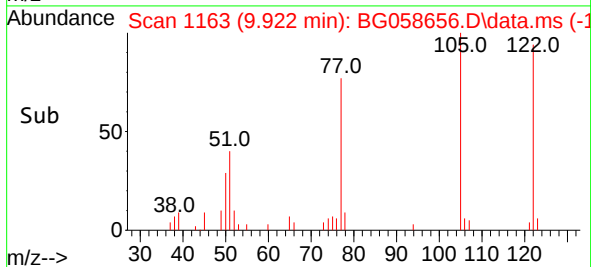
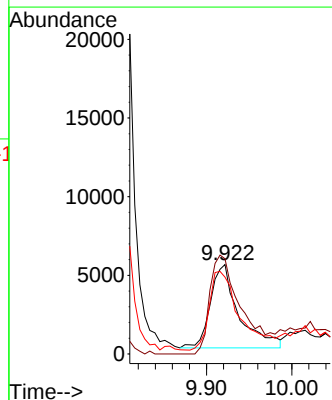
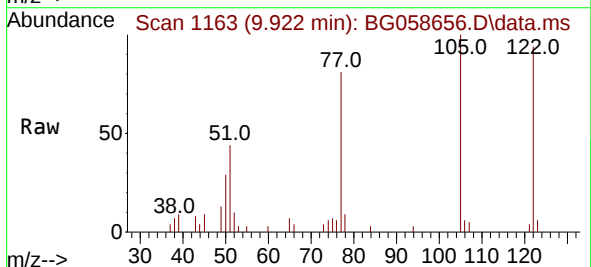
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:128 Resp: 395637
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 10.126 ng
RT: 9.922 min Scan# 1163
Delta R.T. -0.028 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:122 Resp: 12333
Ion Ratio Lower Upper
122 100
105 106.4 106.5 146.5#
77 85.8 78.1 118.1

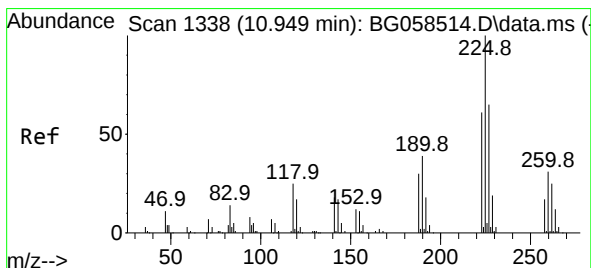
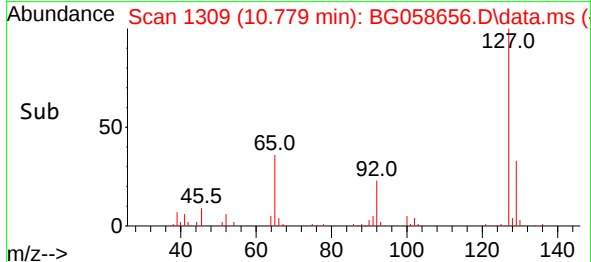
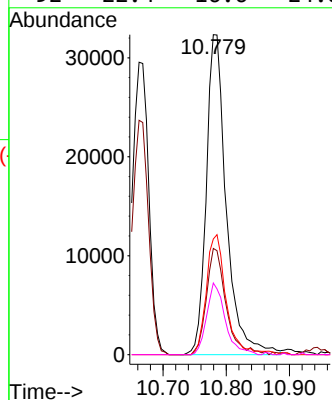
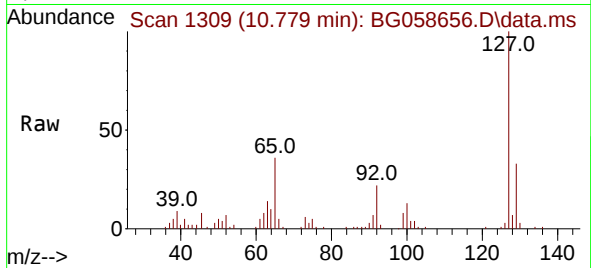




#33
4-Chloroaniline
Concen: 18.189 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

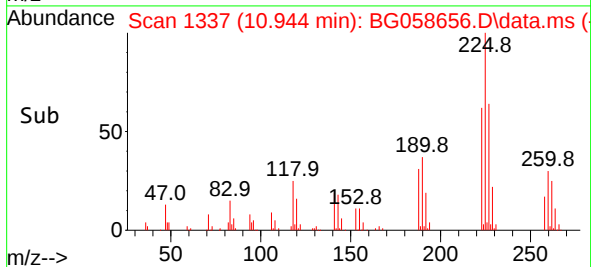
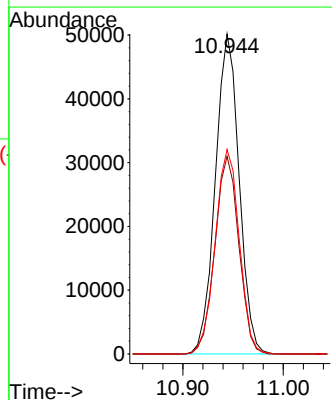
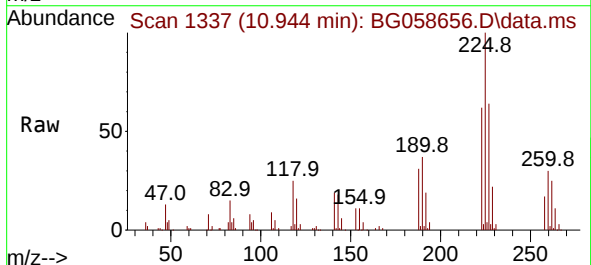
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

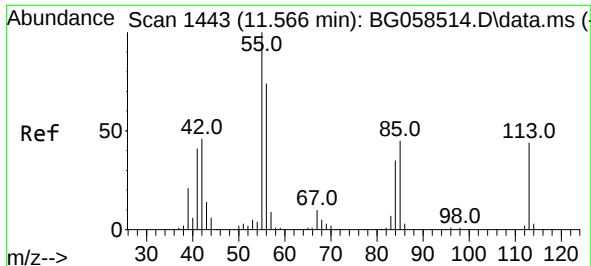
Tgt Ion:	127	Resp:	71231
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.2
65	36.1	29.5	44.3
92	22.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 40.739 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:	225	Resp:	82552
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.6
227	63.9	51.7	77.5

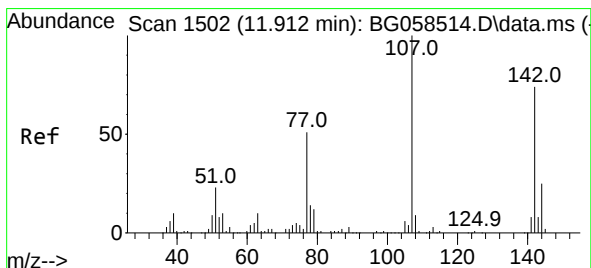
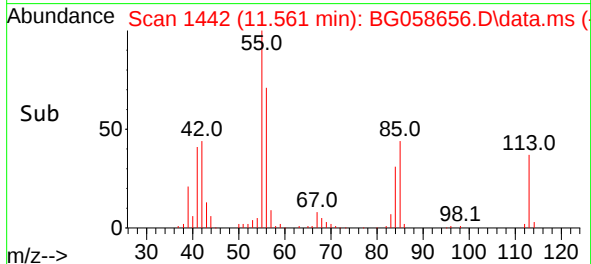
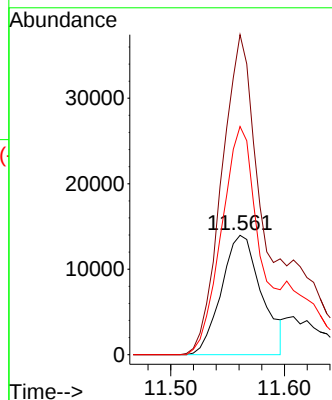
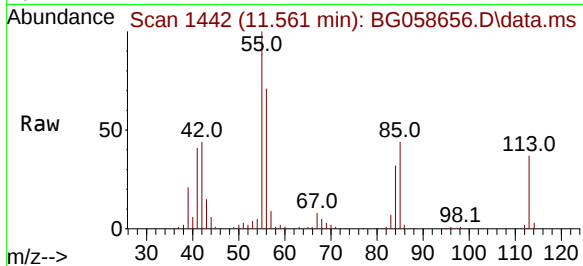




#35
Caprolactam
Concen: 33.957 ng
RT: 11.561 min Scan# 1443
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

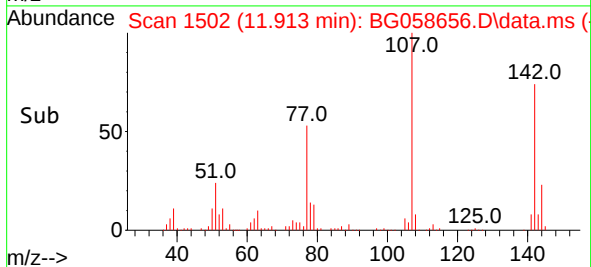
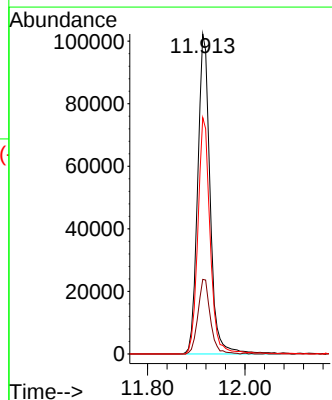
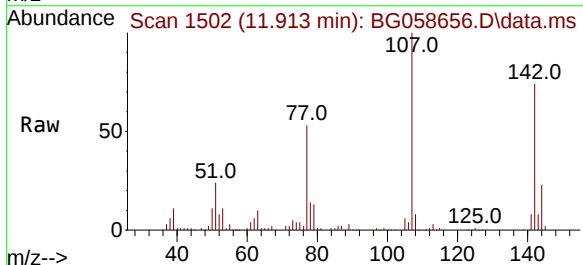
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

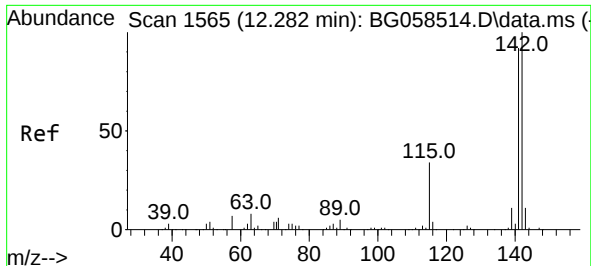
Tgt Ion:113 Resp: 34213
Ion Ratio Lower Upper
113 100
55 268.0 208.0 248.0#
56 191.1 148.6 188.6#



#36
4-Chloro-3-methylphenol
Concen: 53.797 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

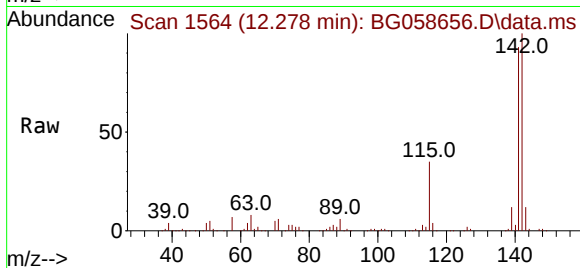
Tgt Ion:107 Resp: 181576
Ion Ratio Lower Upper
107 100
144 23.3 19.6 29.4
142 73.9 59.3 88.9



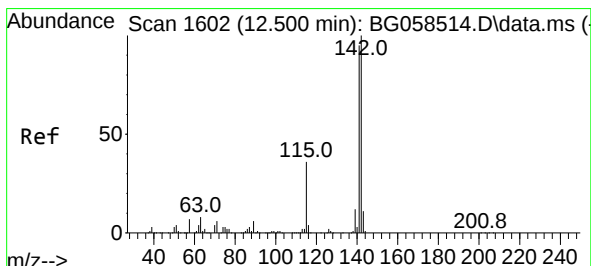
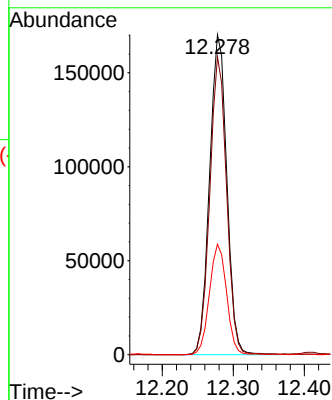
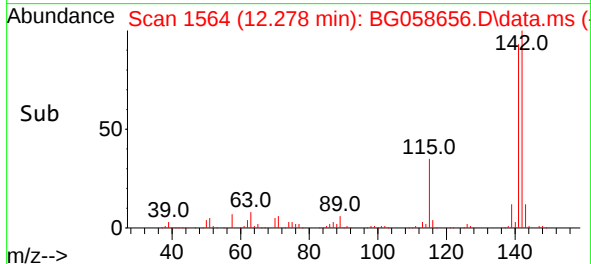


#37
2-Methylnaphthalene
Concen: 43.414 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

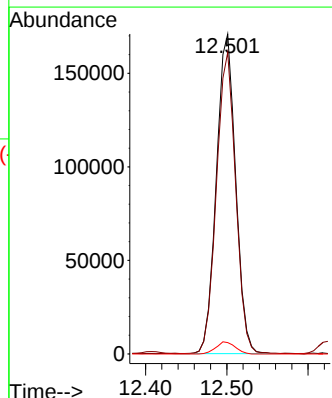
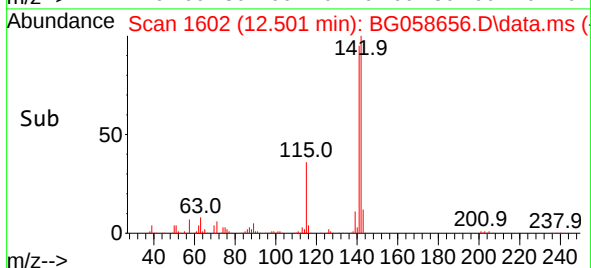
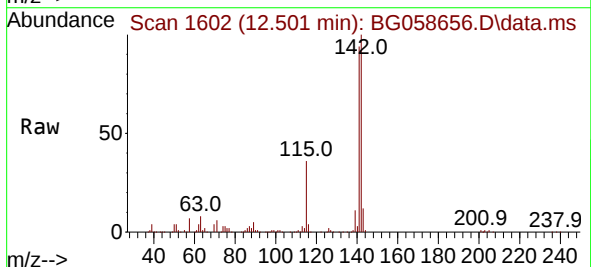


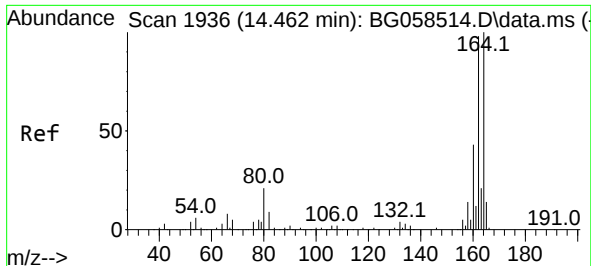
Tgt Ion:142 Resp: 287844
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3
115 34.5 27.4 41.0



#38
1-Methylnaphthalene
Concen: 44.797 ng
RT: 12.501 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:142 Resp: 282338
Ion Ratio Lower Upper
142 100
141 94.2 75.7 113.5
116 3.6 3.2 4.8

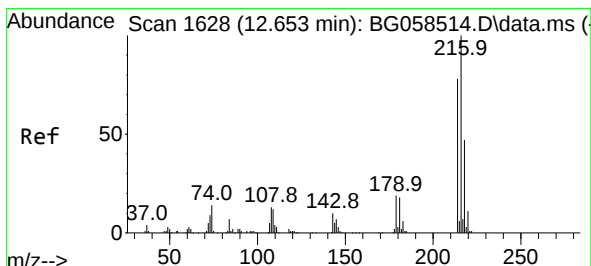
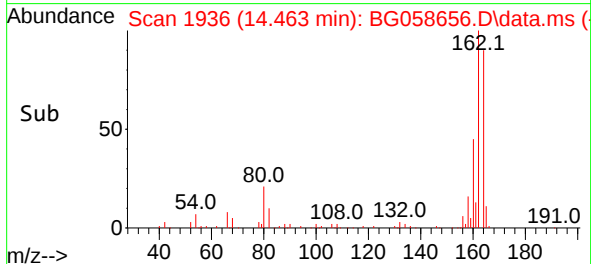
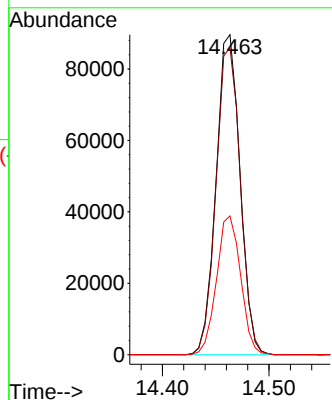
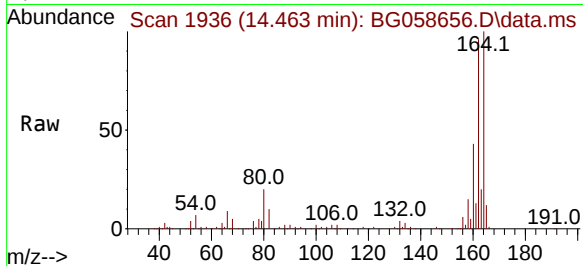




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

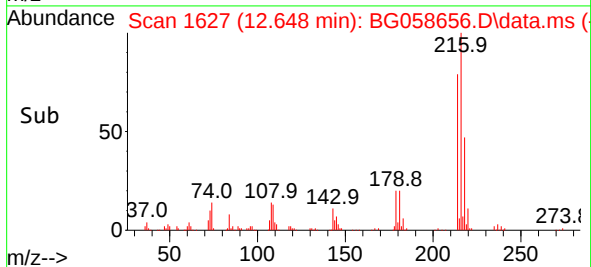
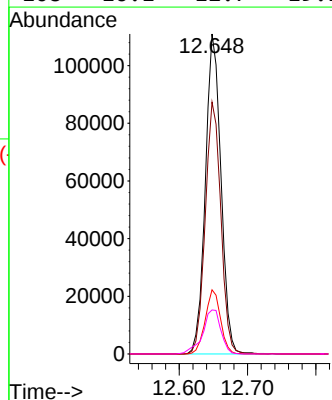
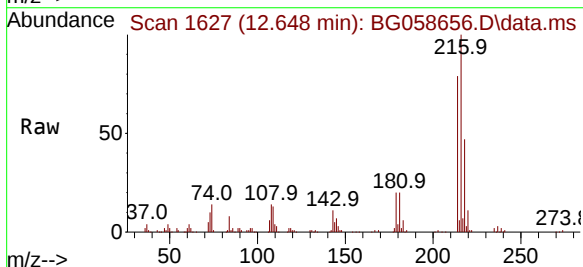
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

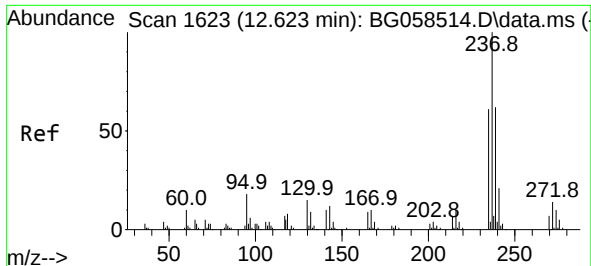
Tgt Ion:164 Resp: 139980
Ion Ratio Lower Upper
164 100
162 96.1 78.3 117.5
160 43.3 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.980 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

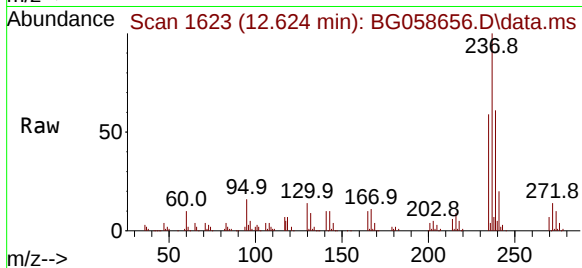
Tgt Ion:216 Resp: 176111
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 19.6 15.6 23.4
108 16.1 12.7 19.1



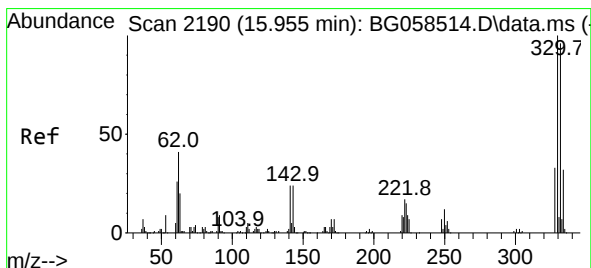
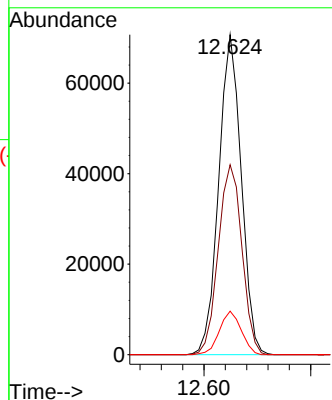
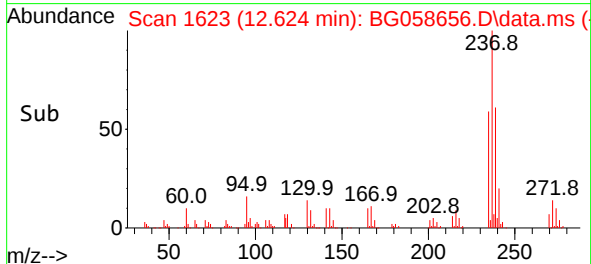


#41
Hexachlorocyclopentadiene
Concen: 54.281 ng
RT: 12.624 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

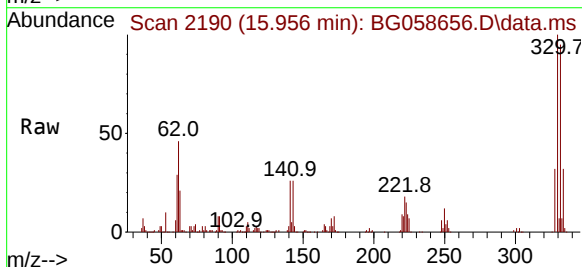
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



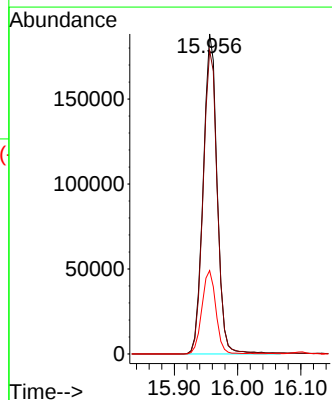
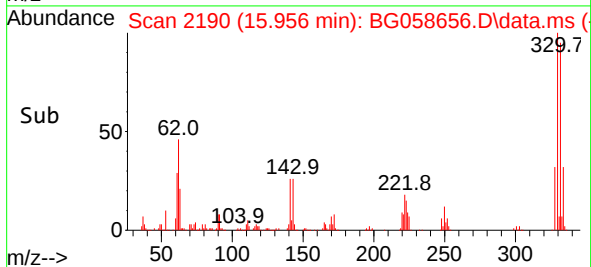
Tgt Ion:237 Resp: 103571
Ion Ratio Lower Upper
237 100
235 59.3 41.0 81.0
272 13.6 0.0 33.6

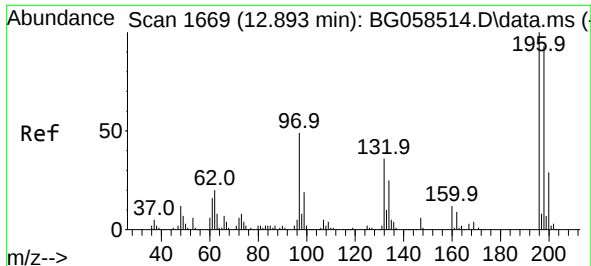


#42
2,4,6-Tribromophenol
Concen: 125.556 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57



Tgt Ion:330 Resp: 288071
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 26.1 20.7 31.1

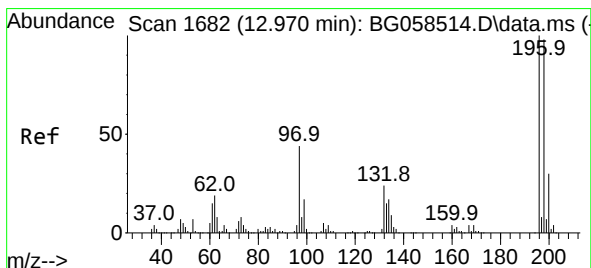
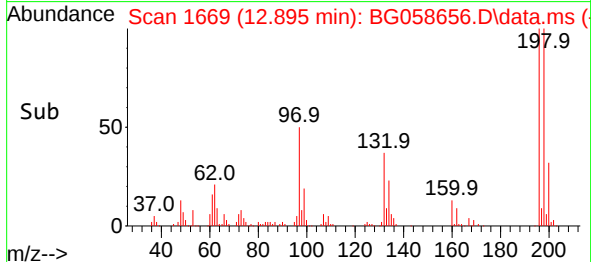
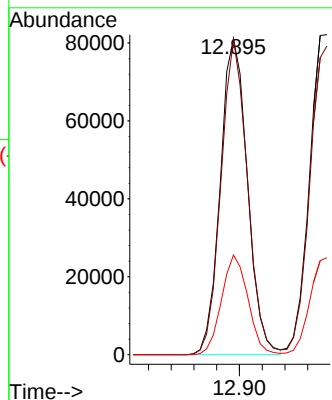
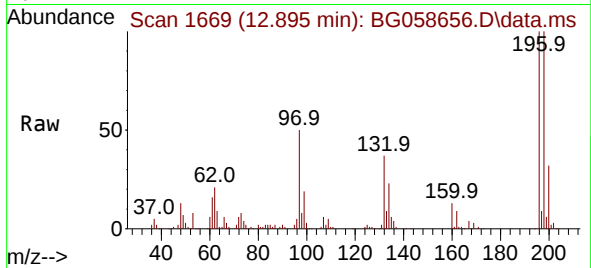




#43
2,4,6-Trichlorophenol
Concen: 45.454 ng
RT: 12.895 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

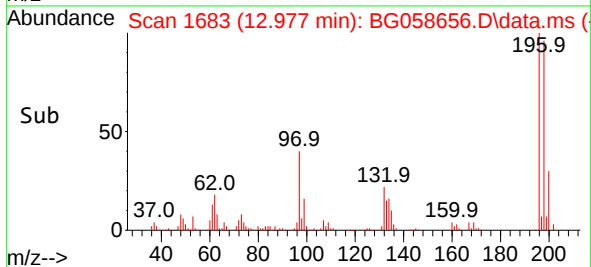
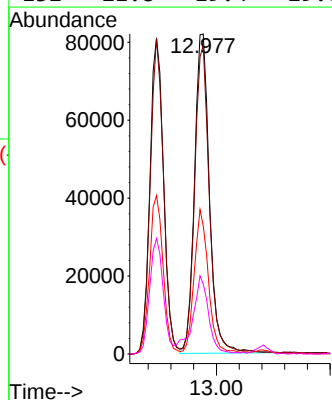
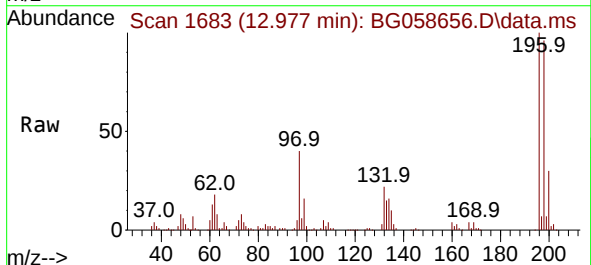
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

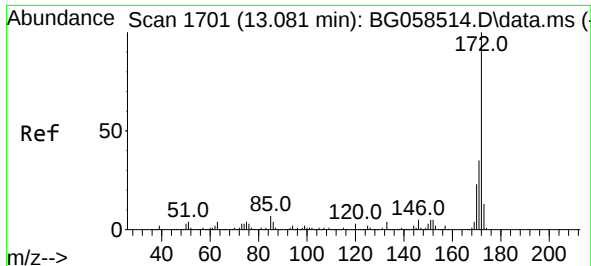
Tgt Ion:196 Resp: 134358
Ion Ratio Lower Upper
196 100
198 99.9 74.2 111.4
200 31.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 43.358 ng
RT: 12.977 min Scan# 1683
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:196 Resp: 150954
Ion Ratio Lower Upper
196 100
198 96.5 78.3 117.5
97 40.0 35.2 52.8
132 21.8 19.4 29.0

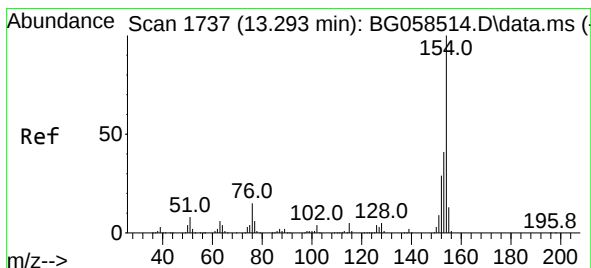
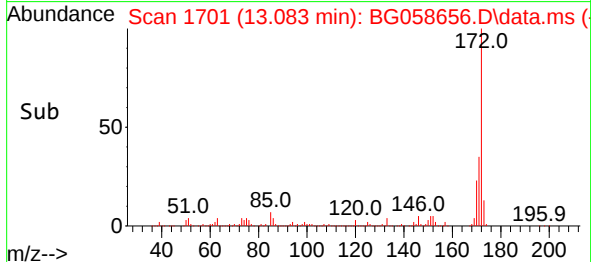
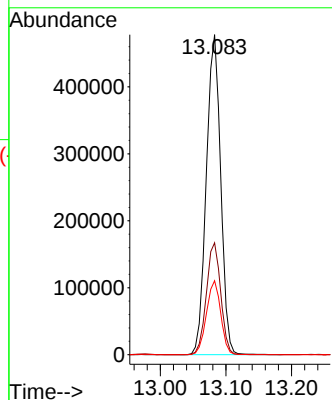
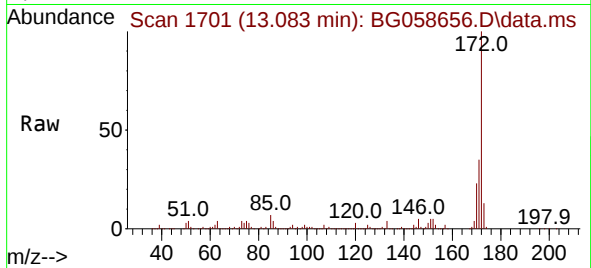




#45
2-Fluorobiphenyl
Concen: 78.004 ng
RT: 13.083 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

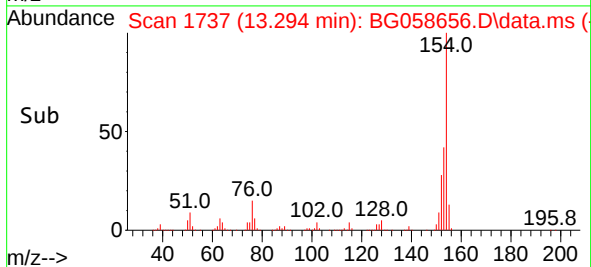
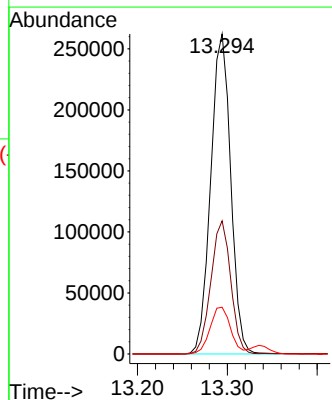
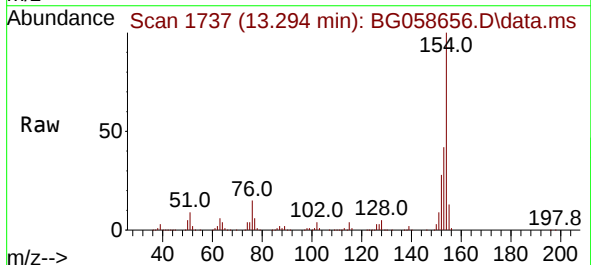
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

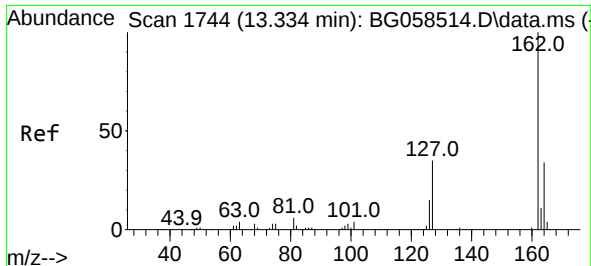
Tgt Ion:172 Resp: 728613
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 42.127 ng
RT: 13.294 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:154 Resp: 404969
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 14.6 0.0 34.7

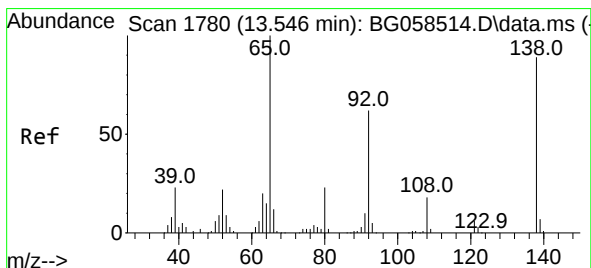
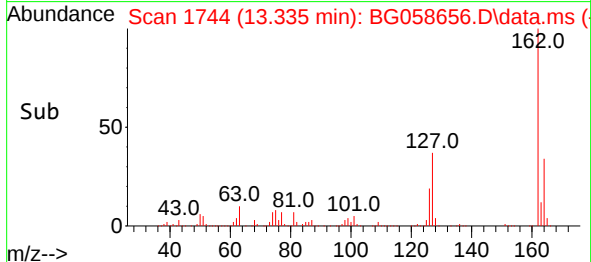
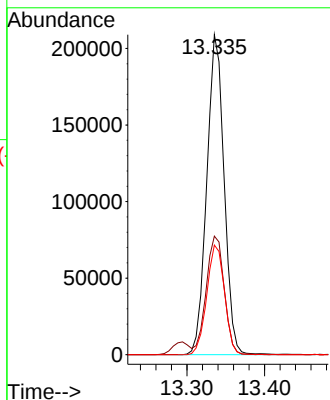
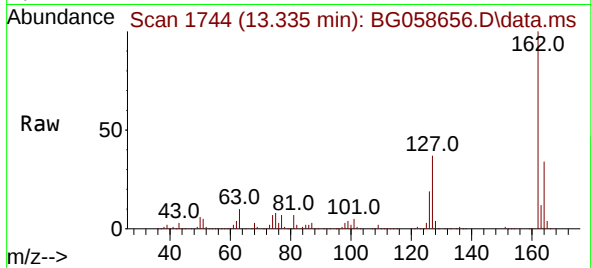




#47
2-Chloronaphthalene
Concen: 43.295 ng
RT: 13.335 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

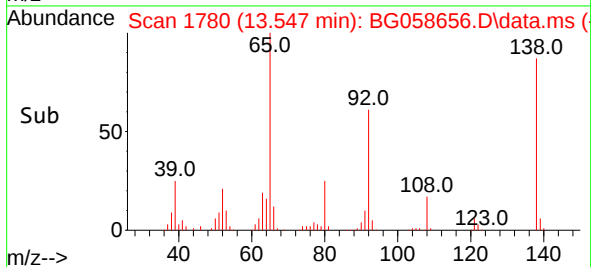
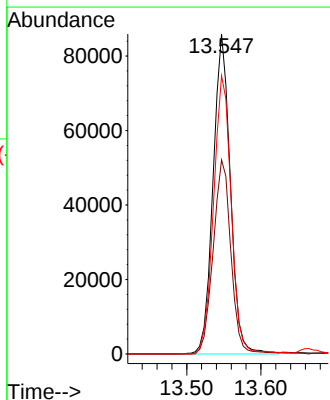
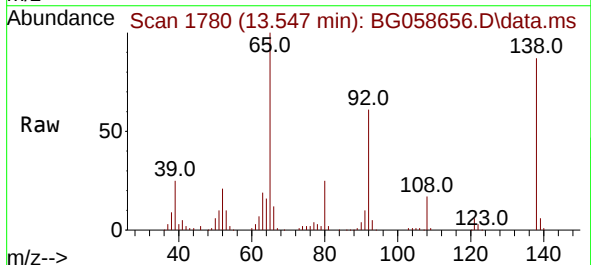
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

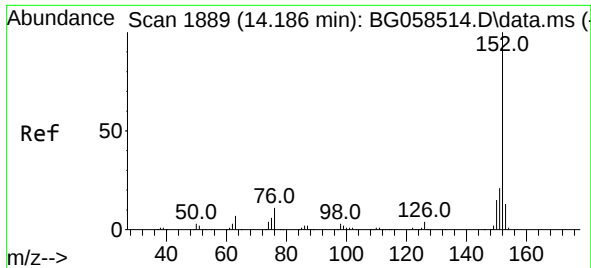
Tgt Ion:162 Resp: 324513
Ion Ratio Lower Upper
162 100
127 37.1 30.9 46.3
164 34.2 27.2 40.8



#48
2-Nitroaniline
Concen: 48.462 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion: 65 Resp: 138646
Ion Ratio Lower Upper
65 100
92 60.6 49.2 73.8
138 86.9 71.5 107.3

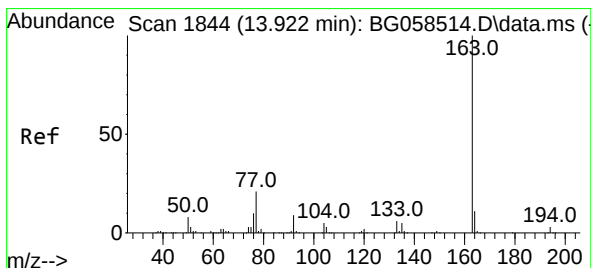
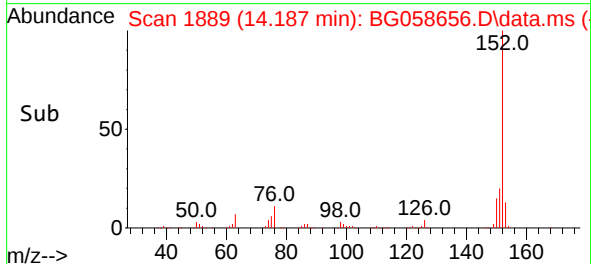
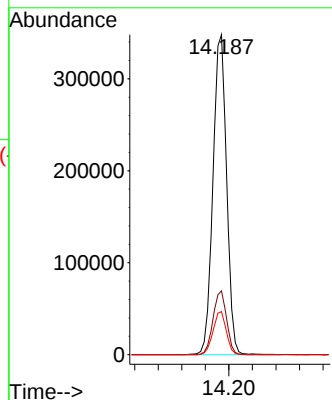
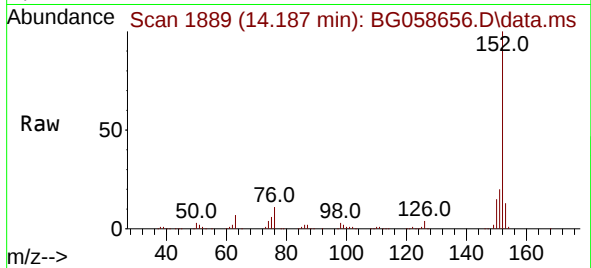




#49
Acenaphthylene
Concen: 44.542 ng
RT: 14.187 min Scan# 1889
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

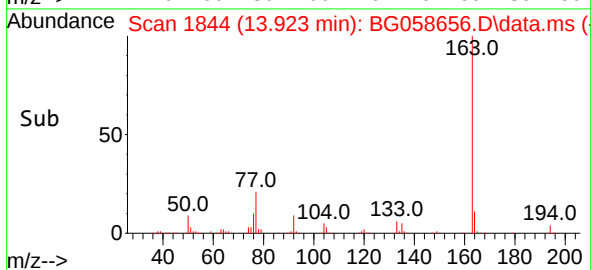
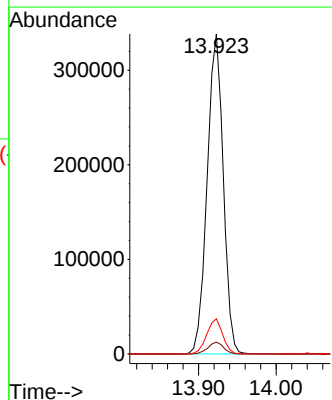
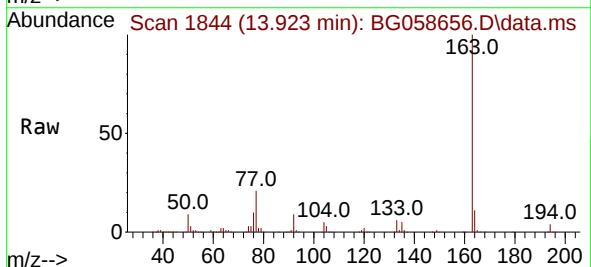
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

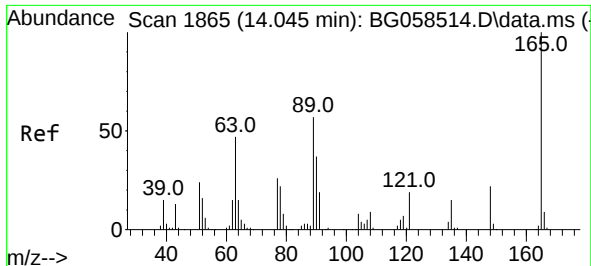
Tgt Ion:152 Resp: 558964
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 46.386 ng
RT: 13.923 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:163 Resp: 487645
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.6 12.8

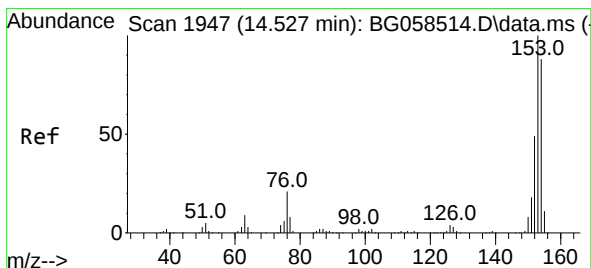
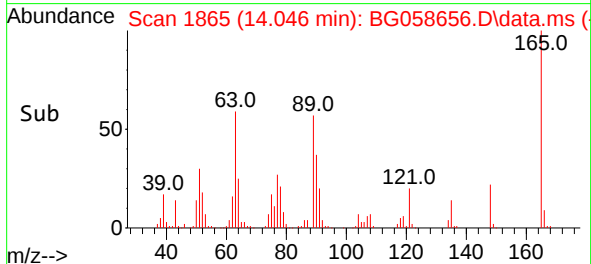
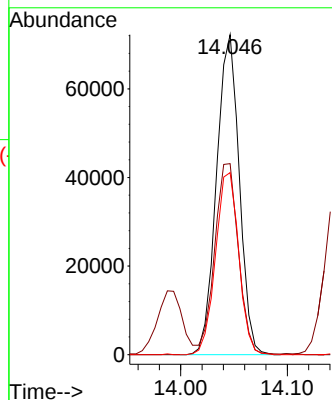
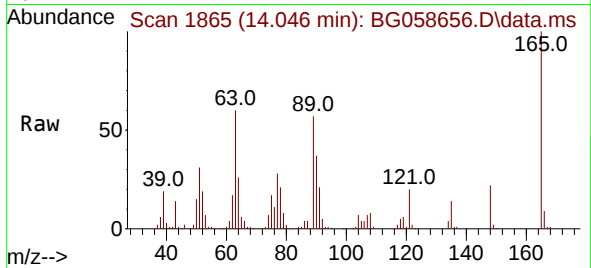




#51
2,6-Dinitrotoluene
Concen: 46.333 ng
RT: 14.046 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

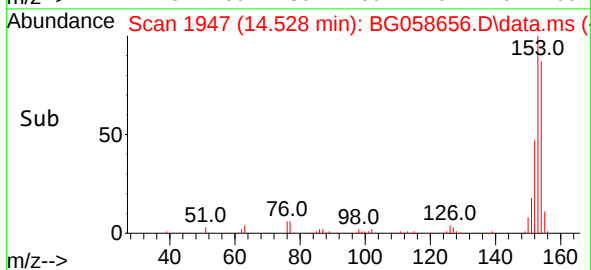
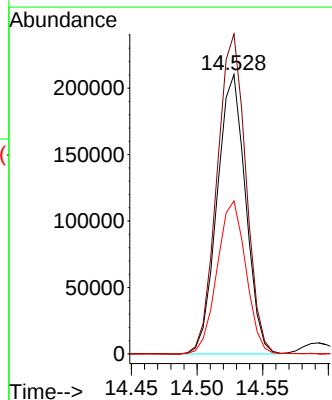
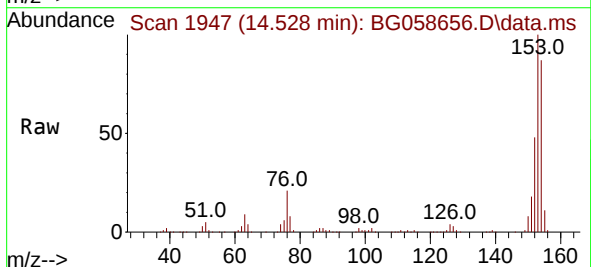
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

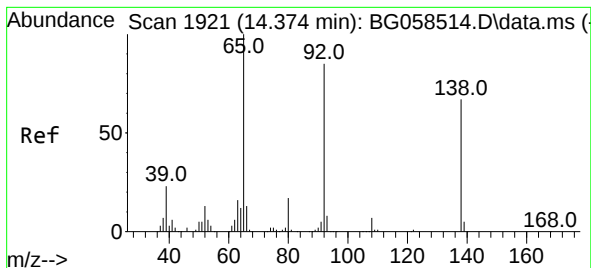
Tgt Ion:165 Resp: 106877
Ion Ratio Lower Upper
165 100
63 59.7 46.4 69.6
89 56.9 45.3 67.9



#52
Acenaphthene
Concen: 43.743 ng
RT: 14.528 min Scan# 1947
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:154 Resp: 317184
Ion Ratio Lower Upper
154 100
153 114.5 91.1 136.7
152 54.8 44.6 66.8

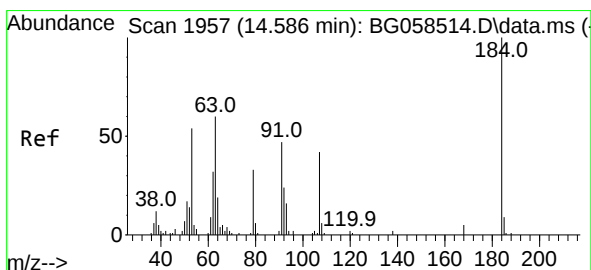
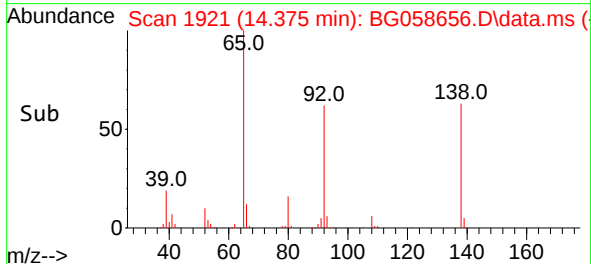
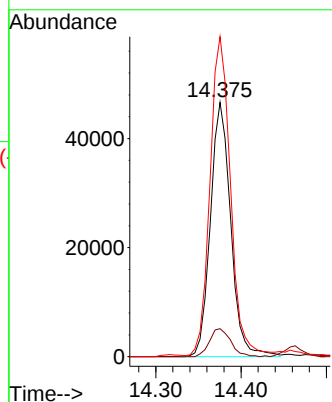
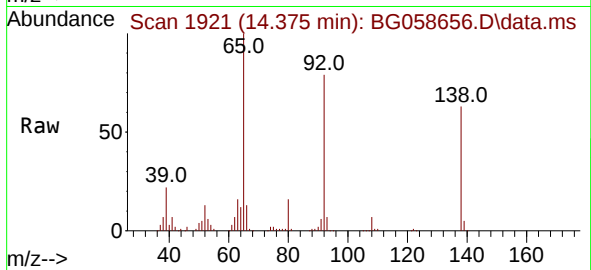




#53
3-Nitroaniline
Concen: 33.442 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

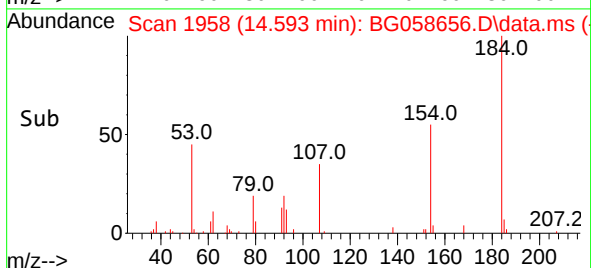
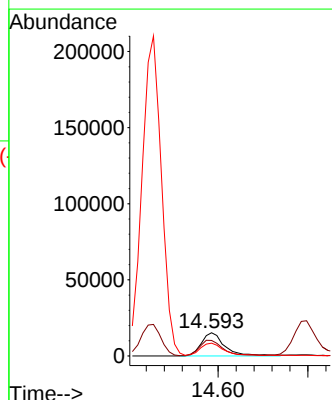
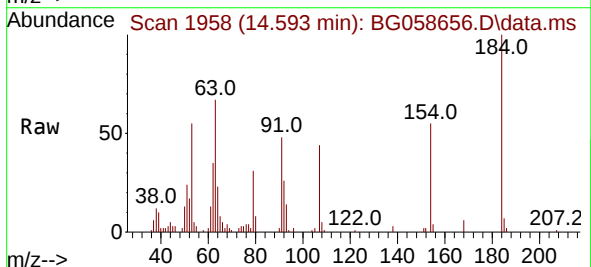
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

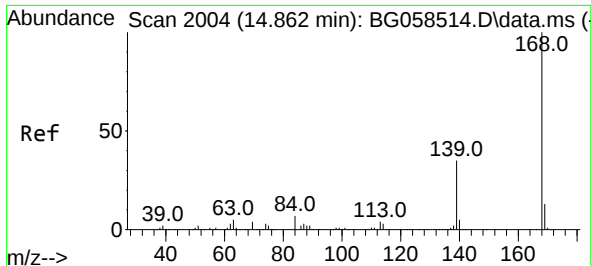
Tgt Ion:138 Resp: 77180
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 125.9 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 26.763 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:184 Resp: 27656
Ion Ratio Lower Upper
184 100
63 66.8 56.7 85.1
154 54.8 46.1 69.1

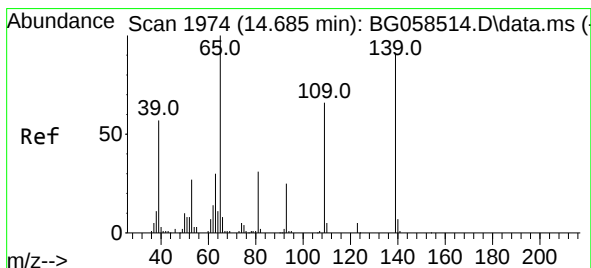
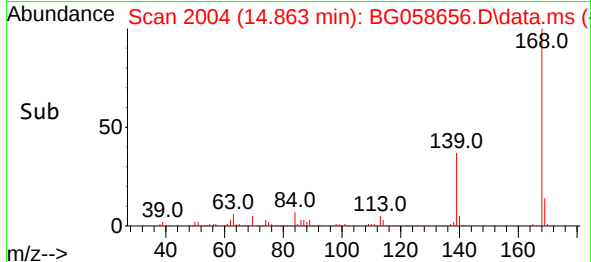
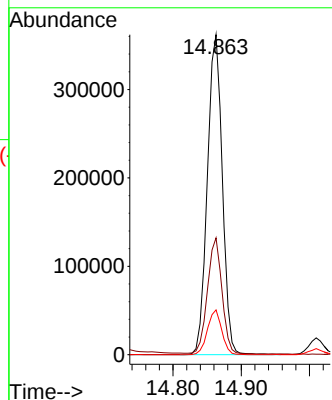
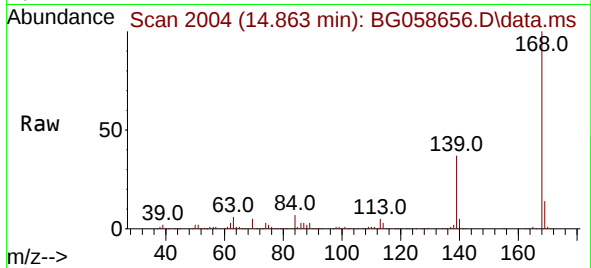




#55
Dibenzofuran
Concen: 44.316 ng
RT: 14.863 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

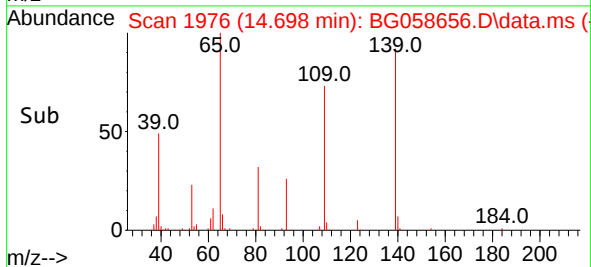
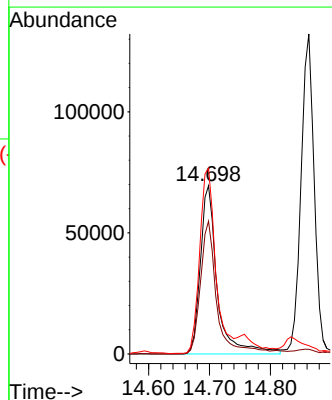
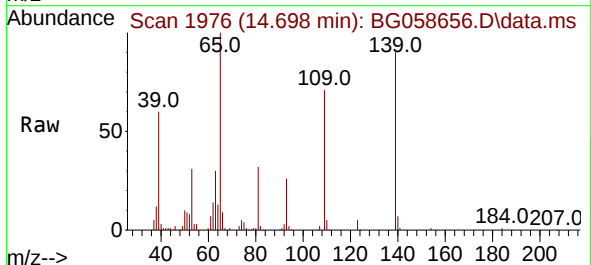
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

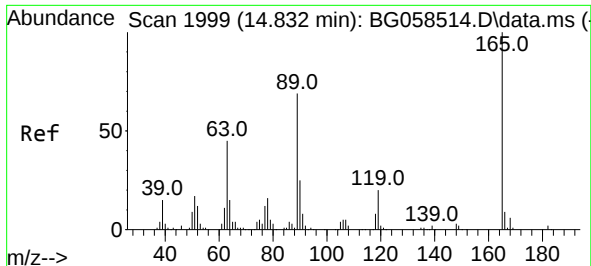
Tgt Ion:168 Resp: 552164
Ion Ratio Lower Upper
168 100
139 36.5 27.8 41.8
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 78.840 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:139 Resp: 134738
Ion Ratio Lower Upper
139 100
109 79.0 52.5 92.5
65 110.5 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 47.724 ng

RT: 14.834 min Scan# 1999

Delta R.T. 0.002 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:165 Resp: 152619

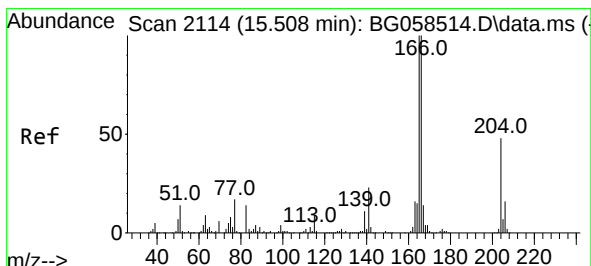
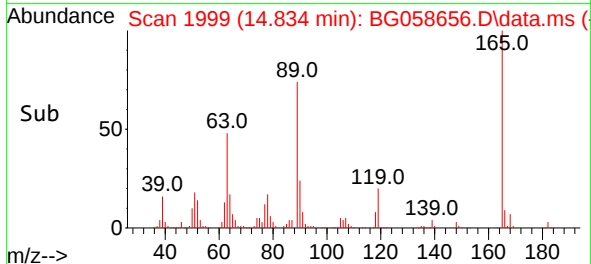
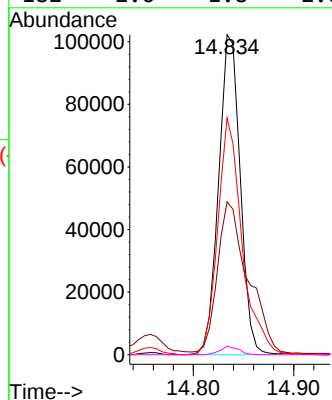
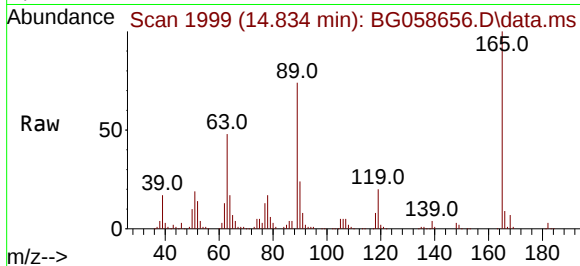
Ion Ratio Lower Upper

165 100

63 47.8 36.6 54.8

89 74.0 55.4 83.0

182 2.6 1.8 2.6



#58

Fluorene

Concen: 45.326 ng

RT: 15.509 min Scan# 2114

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

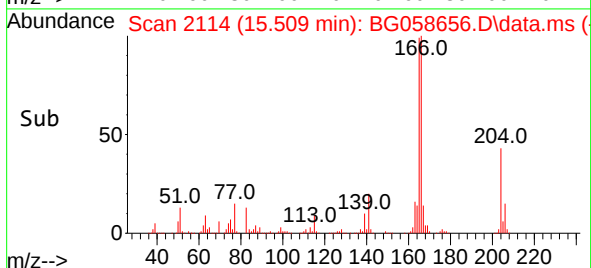
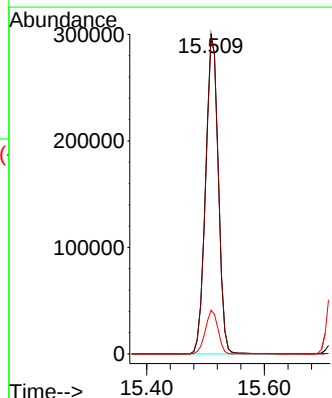
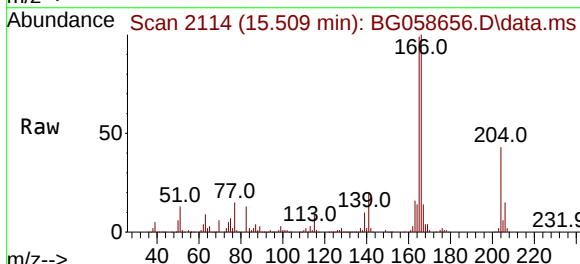
Tgt Ion:166 Resp: 448637

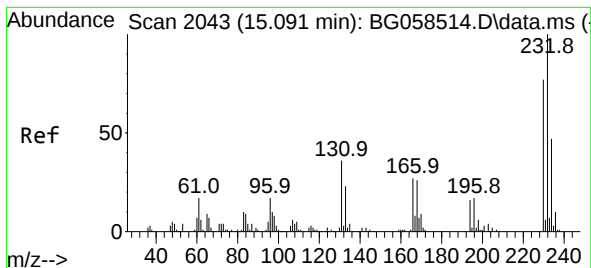
Ion Ratio Lower Upper

166 100

165 98.7 80.0 120.0

167 13.6 11.3 16.9

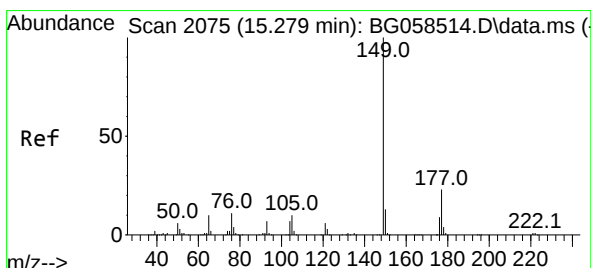
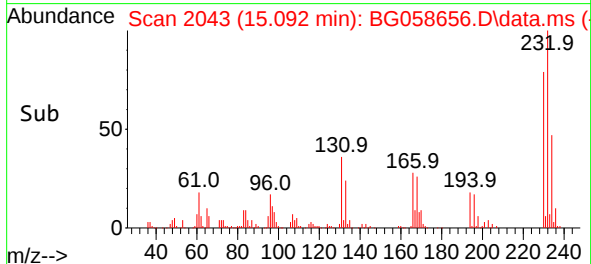
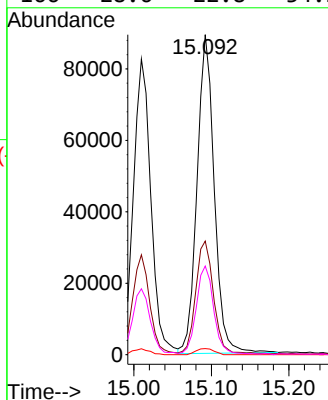
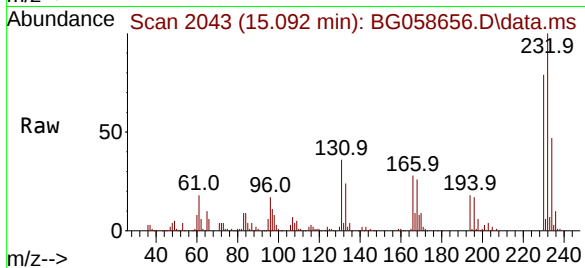




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.292 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

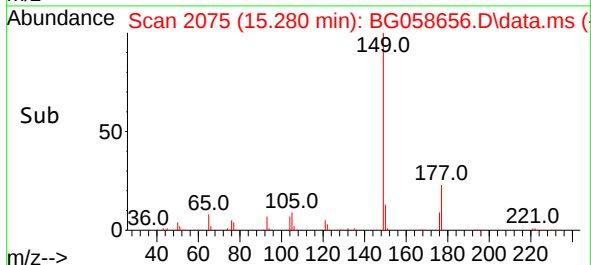
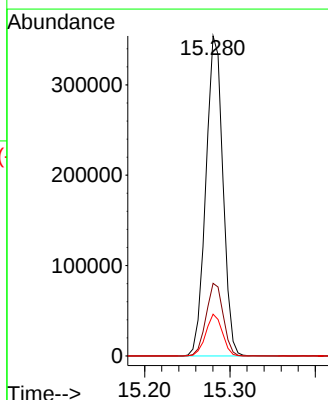
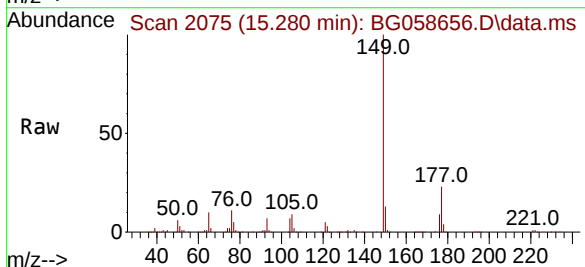
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:232 Resp: 137530
Ion Ratio Lower Upper
232 100
131 36.8 30.0 45.0
130 2.0 1.5 2.3
166 28.6 22.8 34.2



#60
Diethylphthalate
Concen: 45.944 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:149 Resp: 492057
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 13.0 10.2 15.4

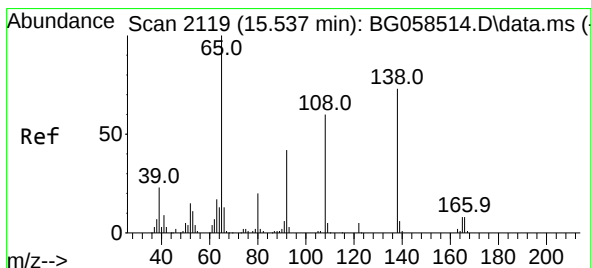
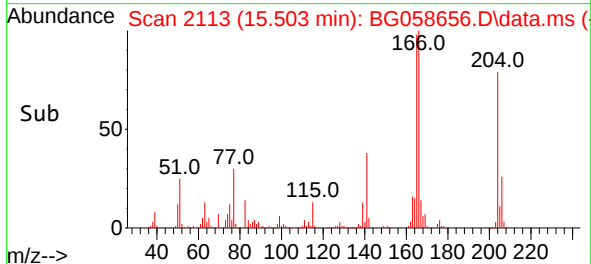
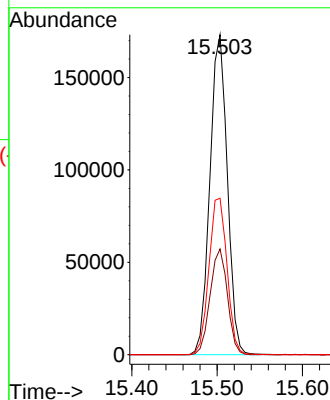
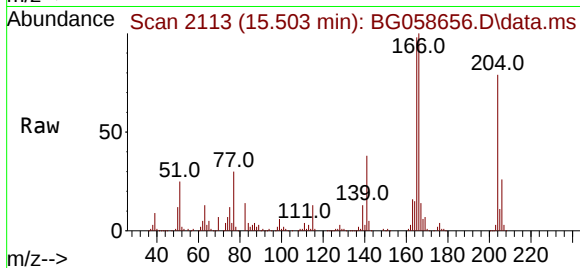




#61
4-Chlorophenyl-phenylether
Concen: 44.498 ng
RT: 15.503 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

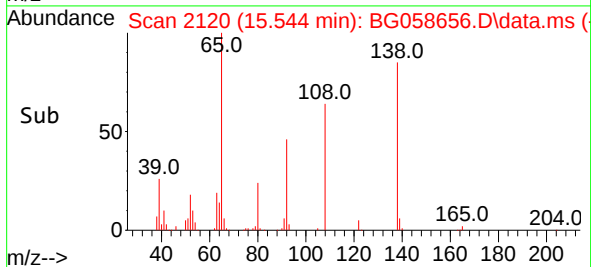
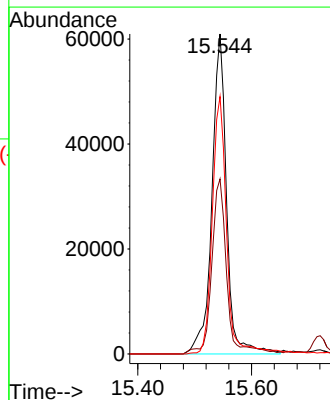
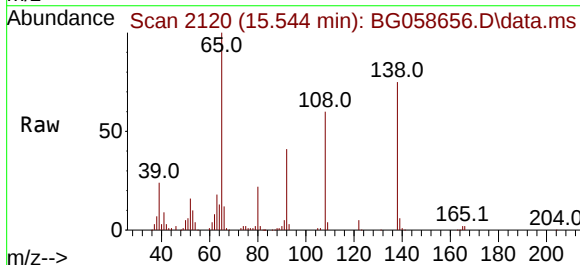
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

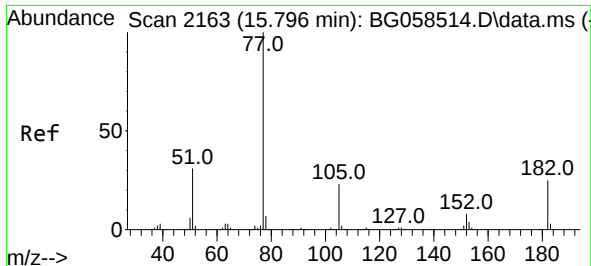
Tgt Ion:204 Resp: 245553
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 48.9 40.8 61.2



#62
4-Nitroaniline
Concen: 49.755 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:138 Resp: 108776
Ion Ratio Lower Upper
138 100
92 54.7 37.3 77.3
108 80.4 62.6 102.6

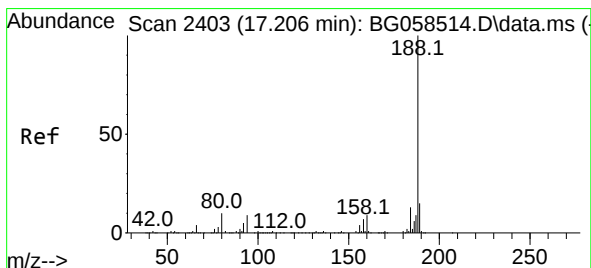
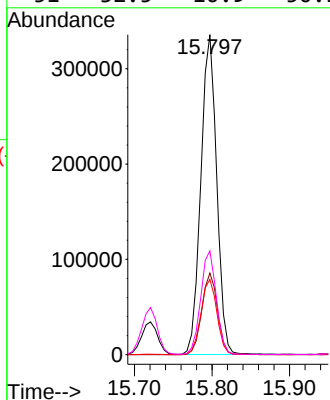
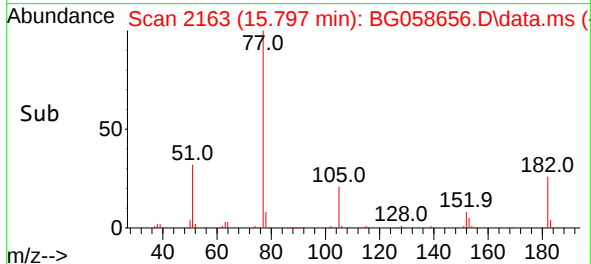
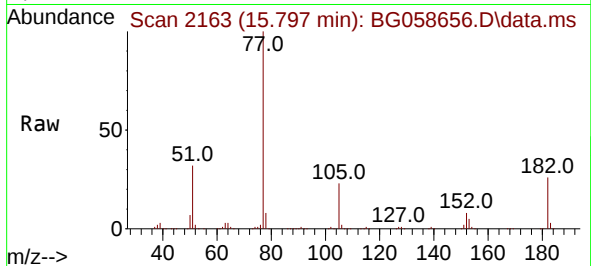




#63
Azobenzene
Concen: 45.084 ng
RT: 15.797 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

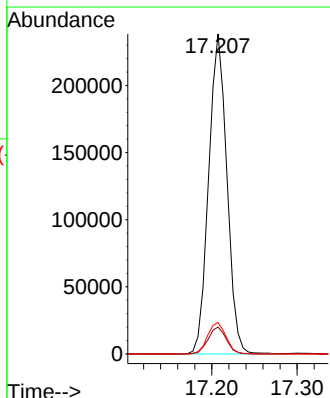
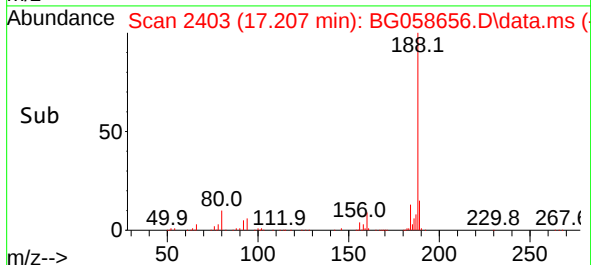
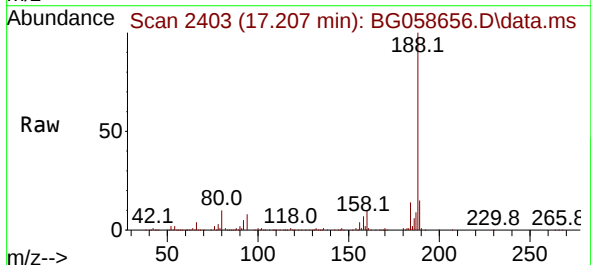
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

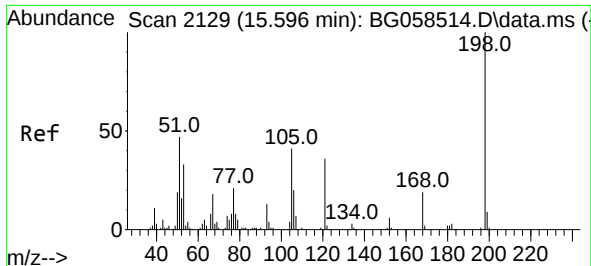
Tgt Ion:	77	Resp:	475585
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.6	44.6
105	23.5	3.3	43.3
51	32.5	10.9	50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:	188	Resp:	354123
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.8	8.1	12.1

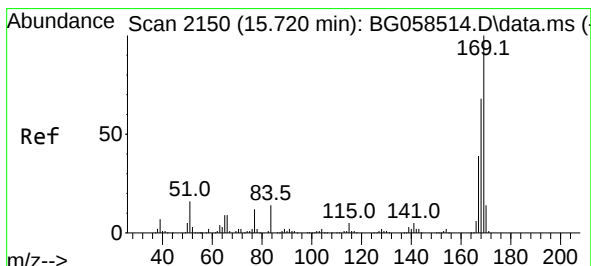
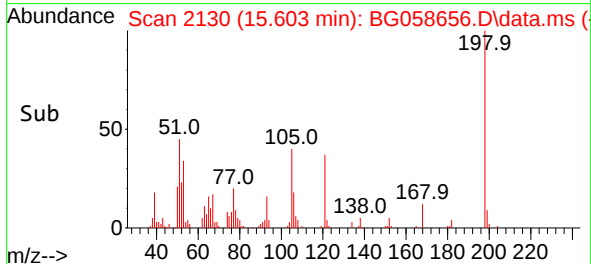
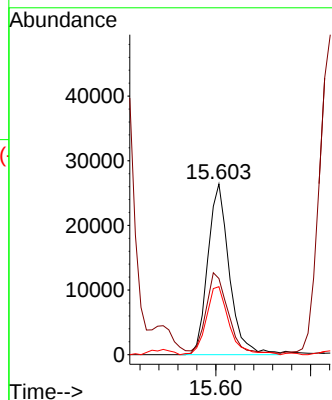
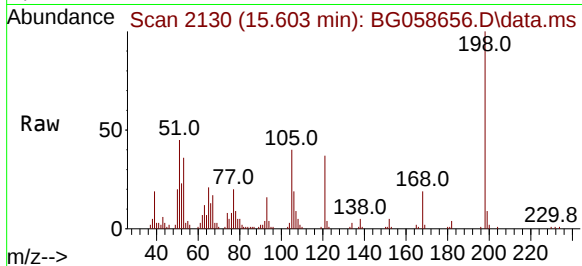




#65
4,6-Dinitro-2-methylphenol
Concen: 21.245 ng
RT: 15.603 min Scan# 2129
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

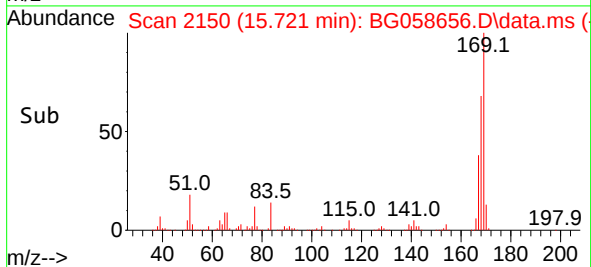
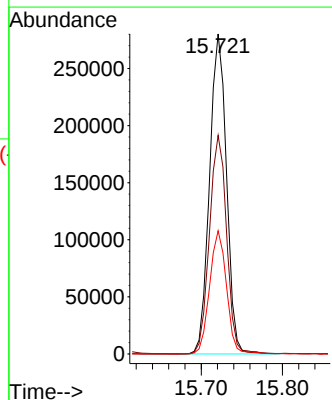
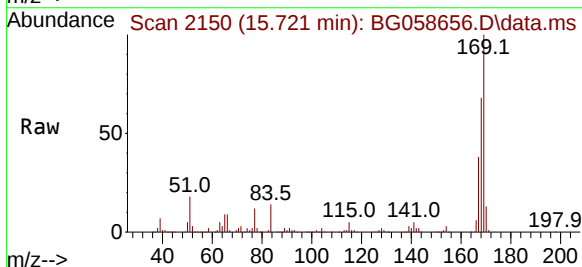
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

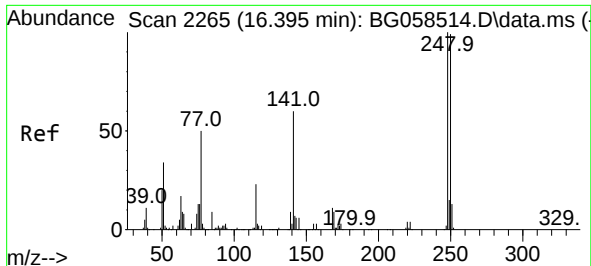
Tgt Ion:198 Resp: 41483
Ion Ratio Lower Upper
198 100
51 44.6 29.3 69.3
105 39.8 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 43.949 ng
RT: 15.721 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:169 Resp: 405071
Ion Ratio Lower Upper
169 100
168 68.3 54.6 82.0
167 38.5 31.3 46.9

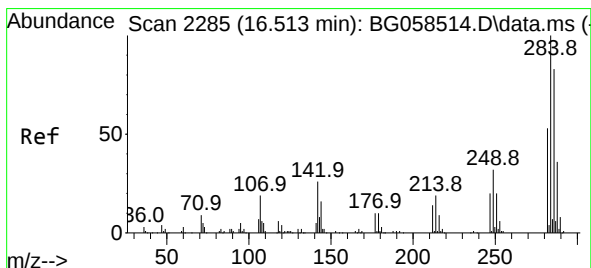
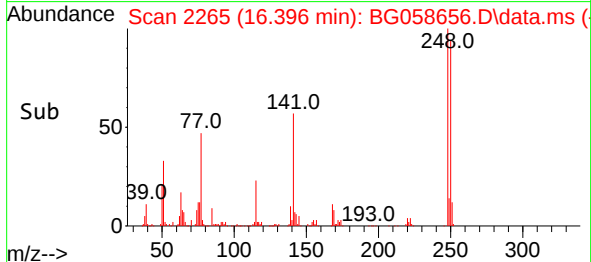
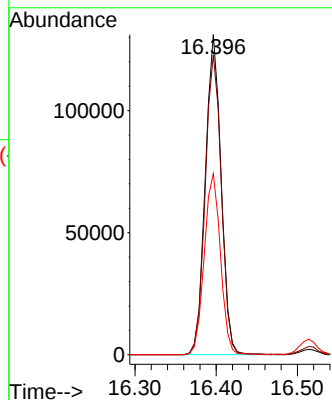
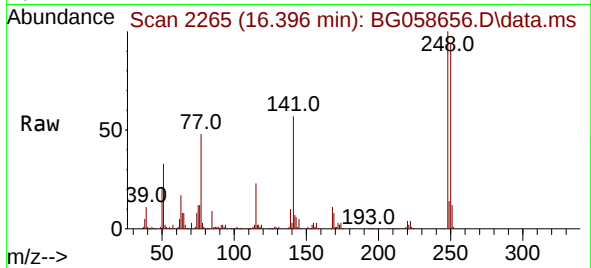




#67
4-Bromophenyl-phenylether
Concen: 43.924 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

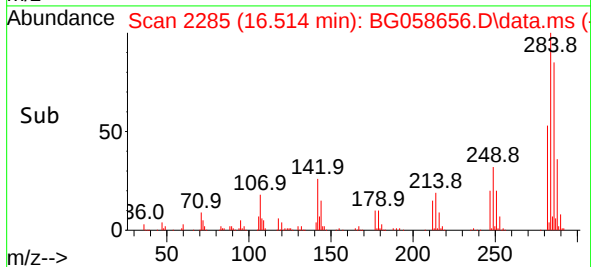
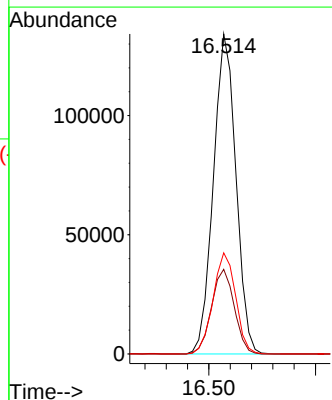
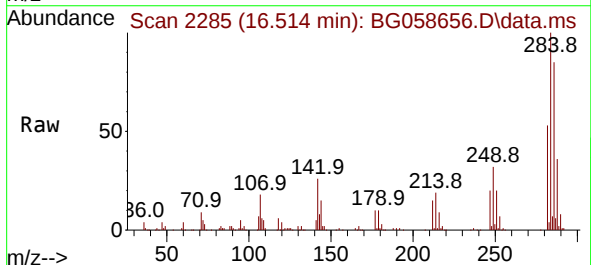
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

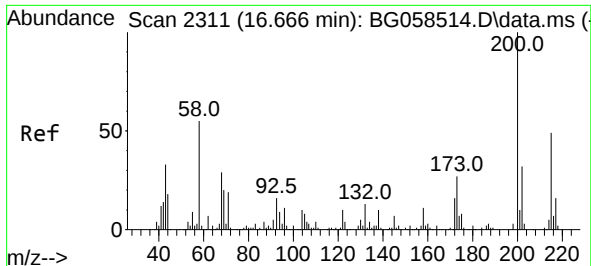
Tgt Ion:248 Resp: 176422
Ion Ratio Lower Upper
248 100
250 93.7 79.5 119.3
141 56.5 48.2 72.2



#68
Hexachlorobenzene
Concen: 46.299 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:284 Resp: 197052
Ion Ratio Lower Upper
284 100
142 26.4 21.0 31.4
249 31.6 25.5 38.3

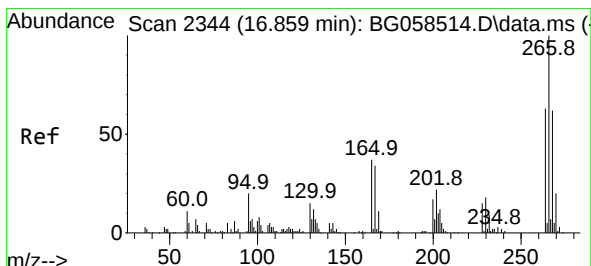
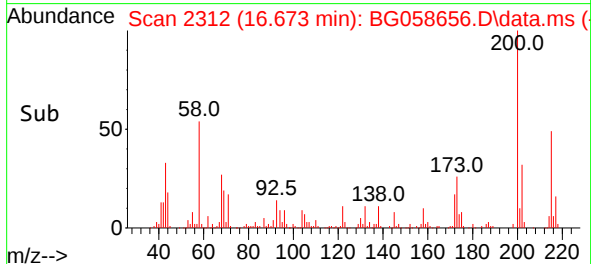
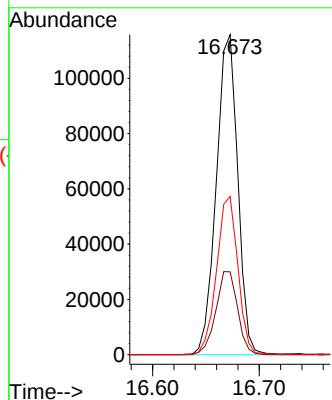
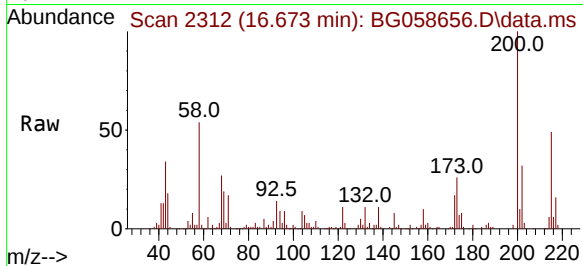




#69
Atrazine
Concen: 51.934 ng
RT: 16.673 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

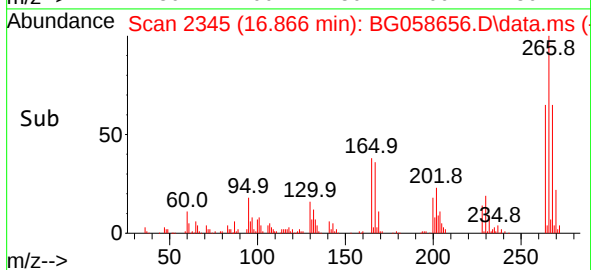
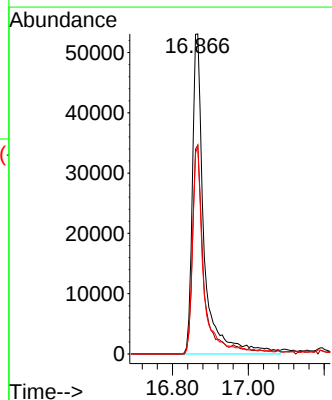
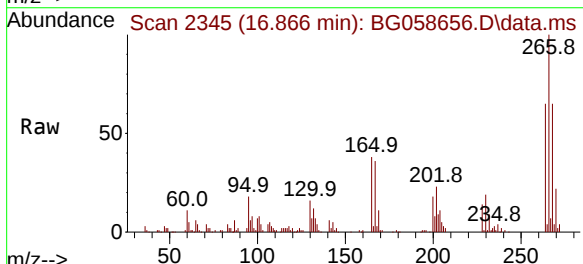
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

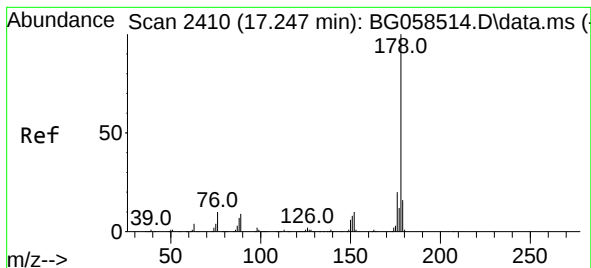
Tgt Ion:200 Resp: 161587
Ion Ratio Lower Upper
200 100
173 25.9 6.5 46.5
215 49.4 28.9 68.9



#70
Pentachlorophenol
Concen: 44.612 ng
RT: 16.866 min Scan# 2345
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:266 Resp: 114927
Ion Ratio Lower Upper
266 100
268 65.3 49.9 74.9
264 65.0 50.2 75.4





#71

Phenanthrene

Concen: 44.013 ng

RT: 17.248 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

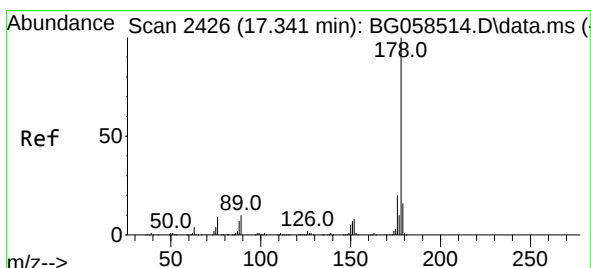
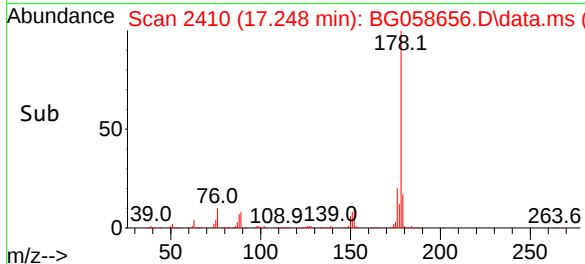
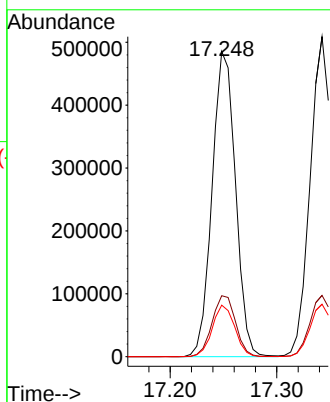
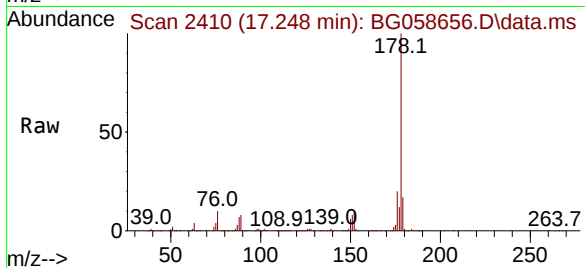
Tgt Ion:178 Resp: 739166

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

179 16.9 13.1 19.7



#72

Anthracene

Concen: 43.443 ng

RT: 17.342 min Scan# 2426

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

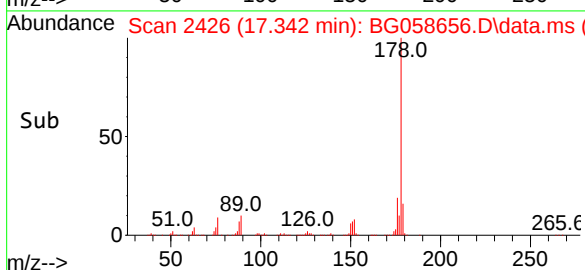
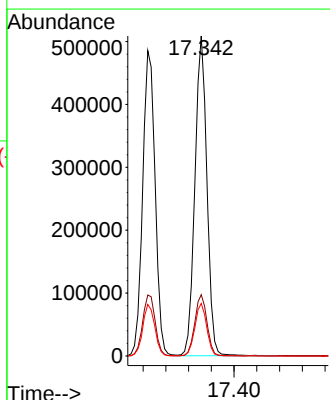
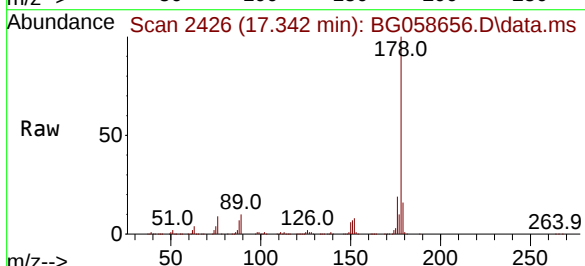
Tgt Ion:178 Resp: 748605

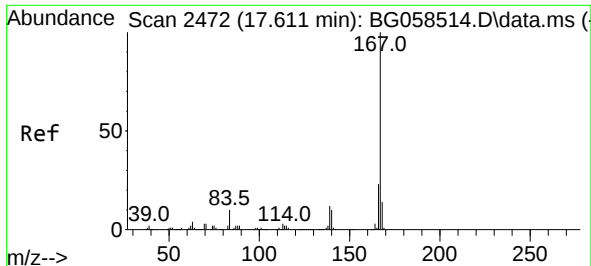
Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

179 16.4 12.9 19.3



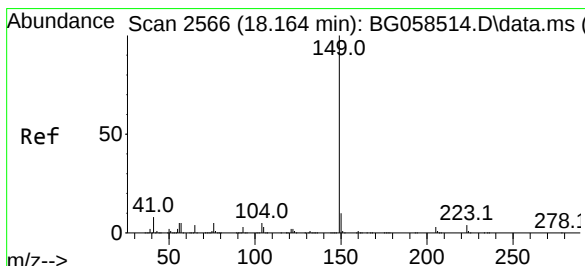
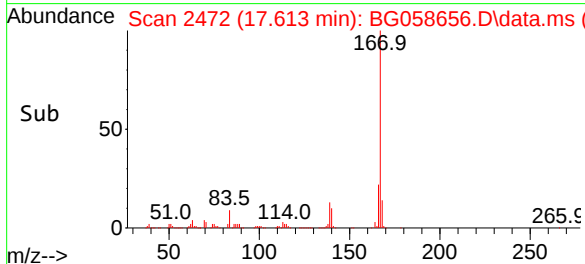
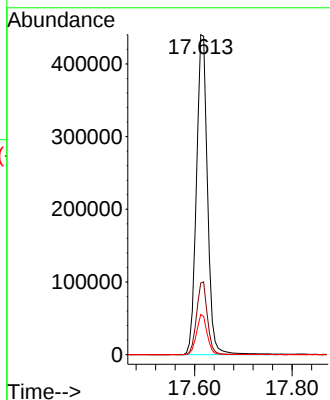
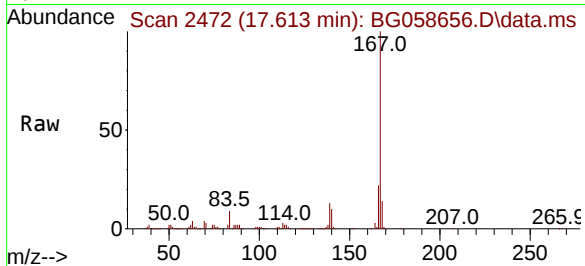


#73
 Carbazole
 Concen: 45.911 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058656.D
 Acq: 9 Aug 2023 12:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:167 Resp: 697647

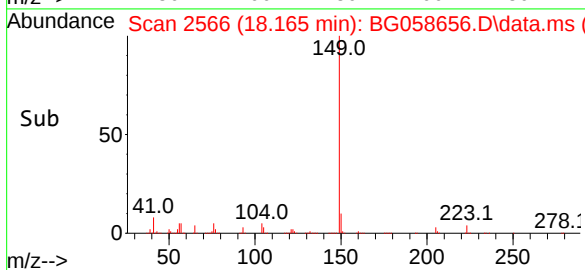
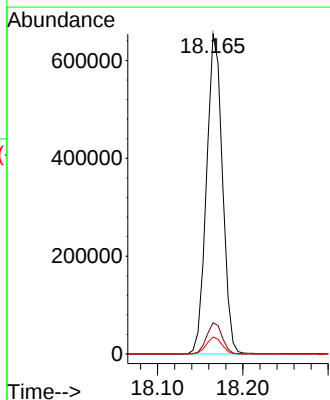
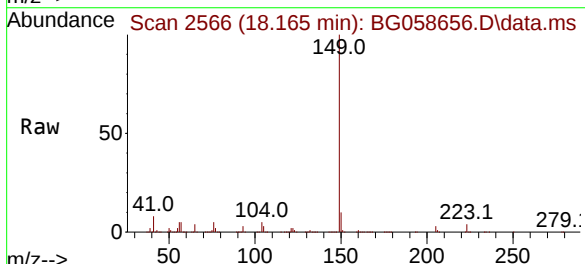
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.4	27.6
139	12.5	10.0	15.0

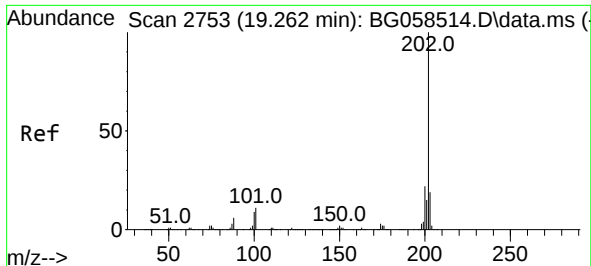


#74
 Di-n-butylphthalate
 Concen: 44.586 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058656.D
 Acq: 9 Aug 2023 12:57

Tgt Ion:149 Resp: 848616

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.3	4.0	6.0

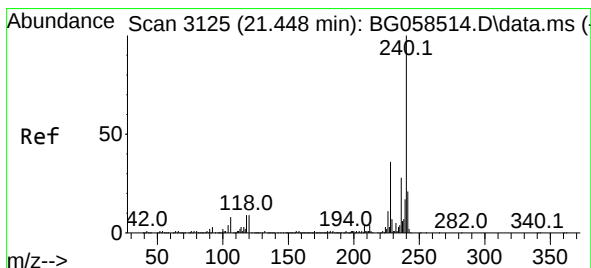
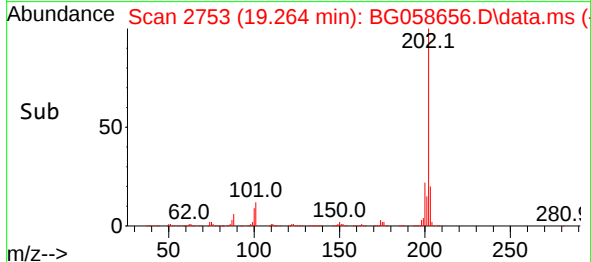
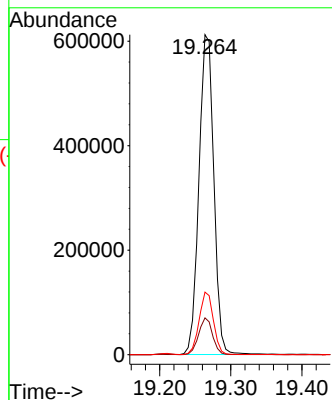
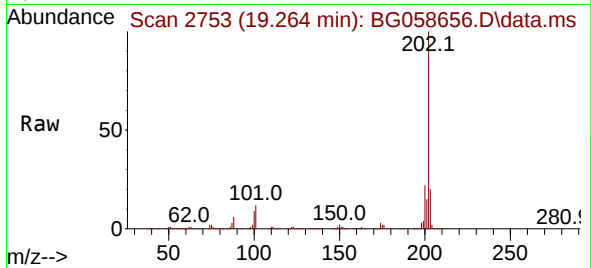




#75
Fluoranthene
Concen: 44.297 ng
RT: 19.264 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

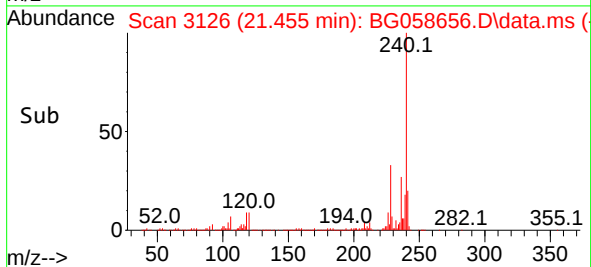
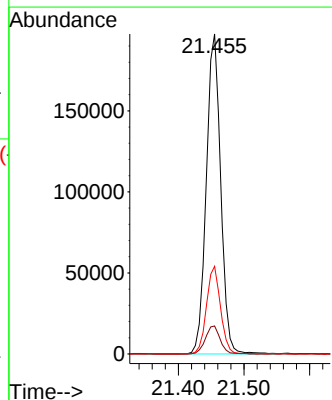
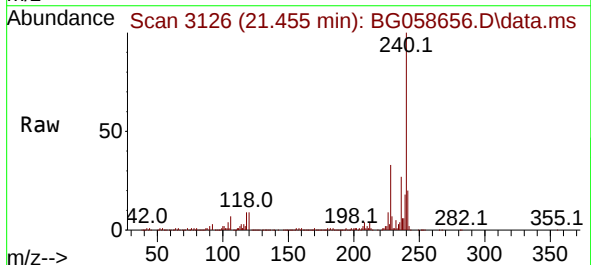
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

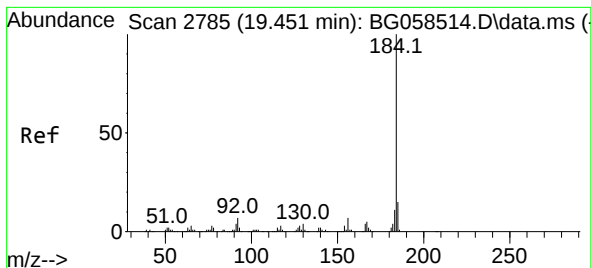
Tgt Ion:202 Resp: 893605
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 19.6 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:240 Resp: 301594
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 27.4 22.2 33.4





#77

Benzidine

Concen: 43.038 ng

RT: 19.452 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

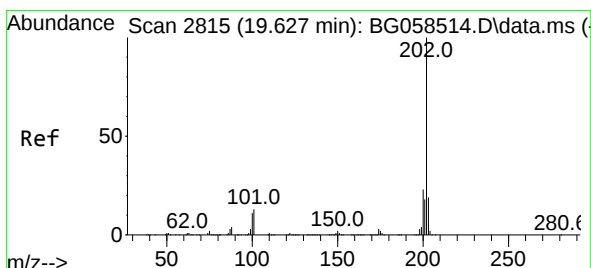
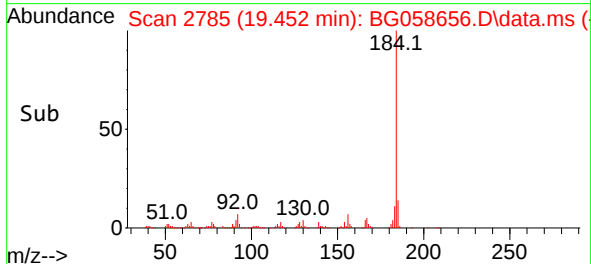
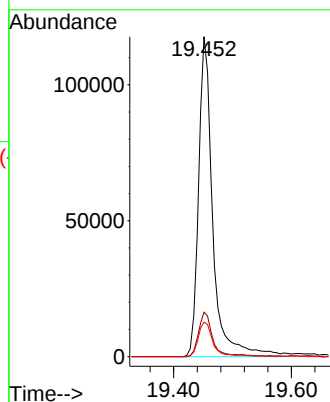
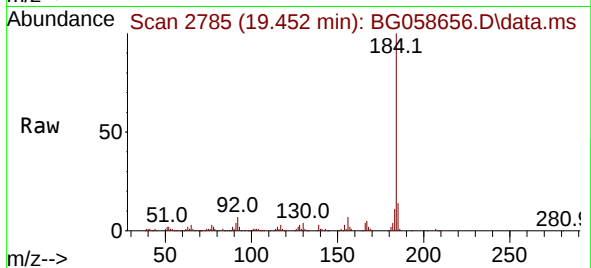
Tgt Ion:184 Resp: 196830

Ion Ratio Lower Upper

184 100

185 13.9 11.9 17.9

183 10.8 8.7 13.1



#78

Pyrene

Concen: 44.122 ng

RT: 19.628 min Scan# 2815

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

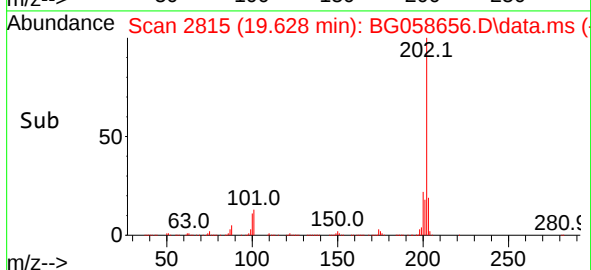
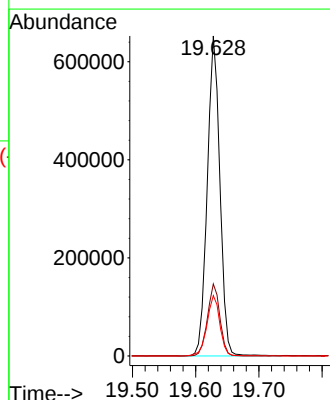
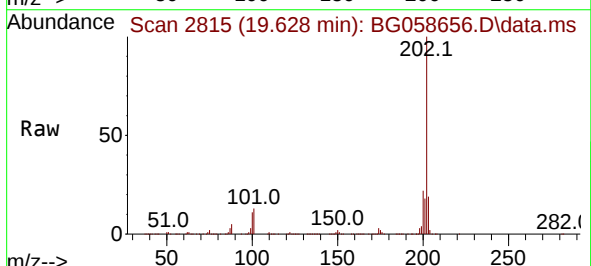
Tgt Ion:202 Resp: 905614

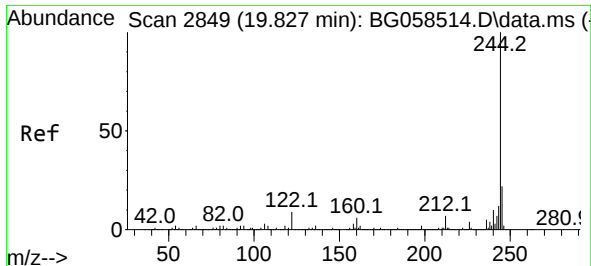
Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

203 18.9 15.1 22.7

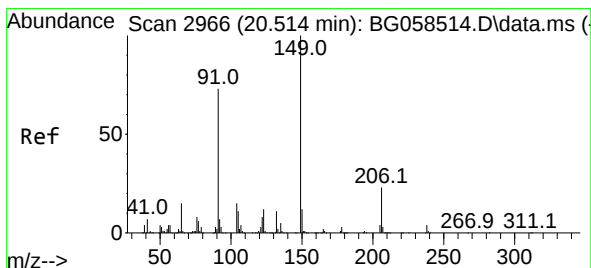
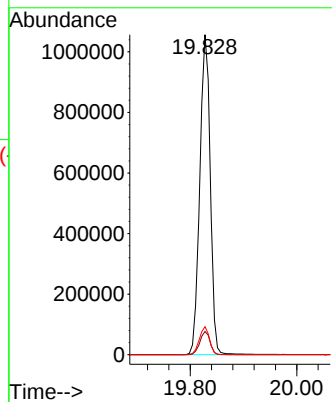
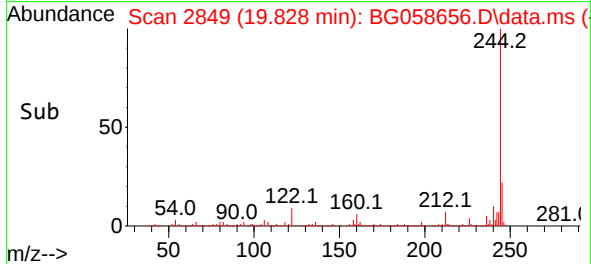
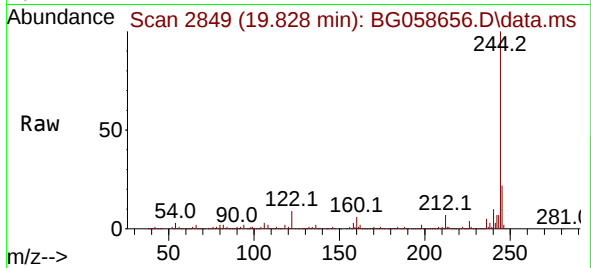




#79
 Terphenyl-d14
 Concen: 89.480 ng
 RT: 19.828 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058656.D
 Acq: 9 Aug 2023 12:57

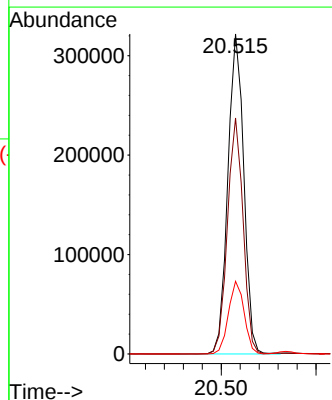
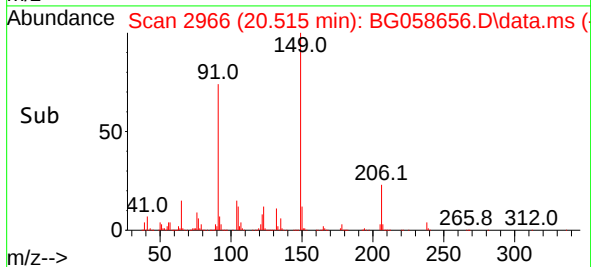
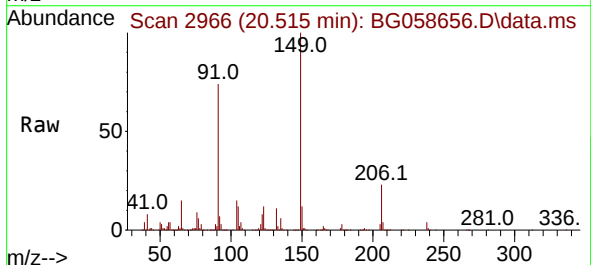
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

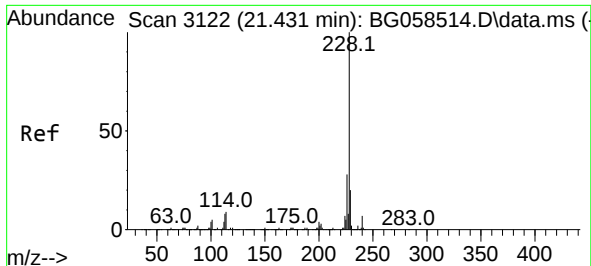
Tgt Ion:244 Resp: 1435060
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 44.651 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. 0.001 min
 Lab File: BG058656.D
 Acq: 9 Aug 2023 12:57

Tgt Ion:149 Resp: 376446
 Ion Ratio Lower Upper
 149 100
 91 73.7 58.4 87.6
 206 22.7 18.3 27.5

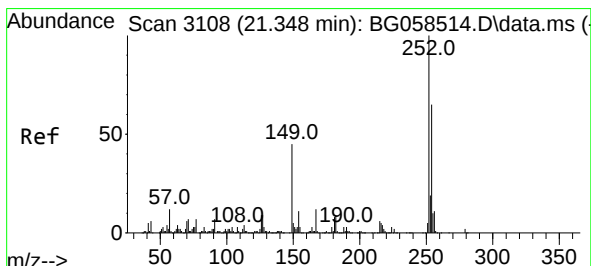
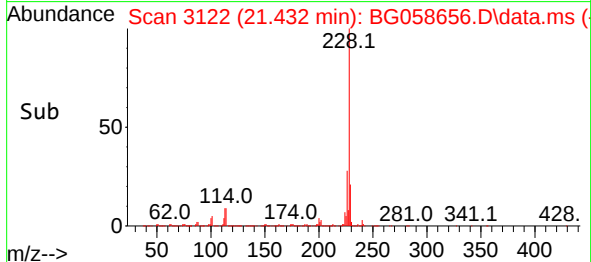
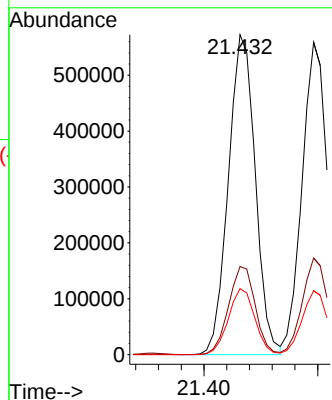
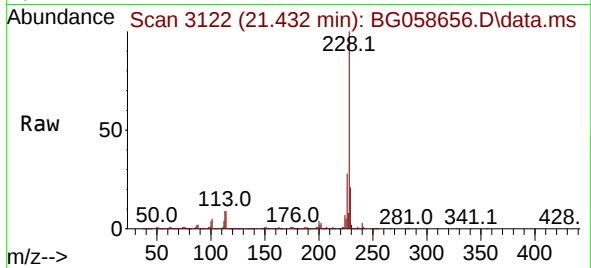




#81
Benzo(a)anthracene
Concen: 45.409 ng
RT: 21.432 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

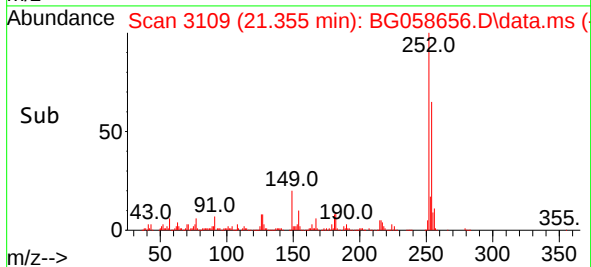
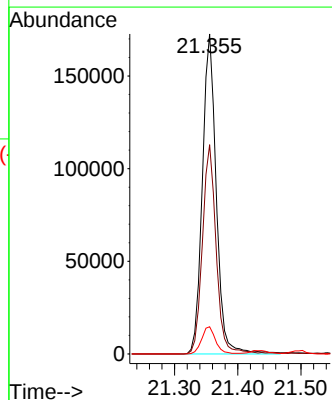
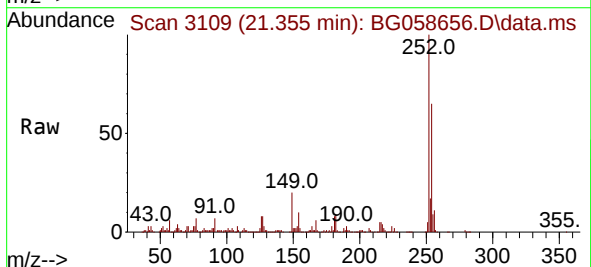
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:228 Resp: 942477
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 37.737 ng
RT: 21.355 min Scan# 3109
Delta R.T. 0.007 min
Lab File: BG058656.D
Acq: 9 Aug 2023 12:57

Tgt Ion:252 Resp: 264821
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 8.5 7.2 10.8





#83

Chrysene

Concen: 44.053 ng

RT: 21.496 min Scan# 3133

Delta R.T. 0.001 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

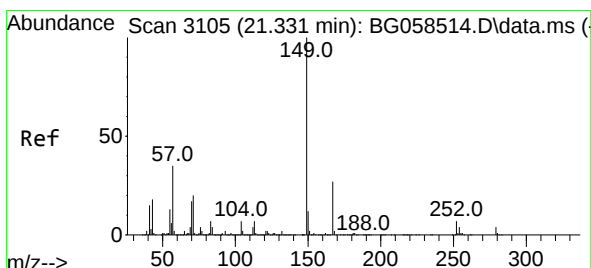
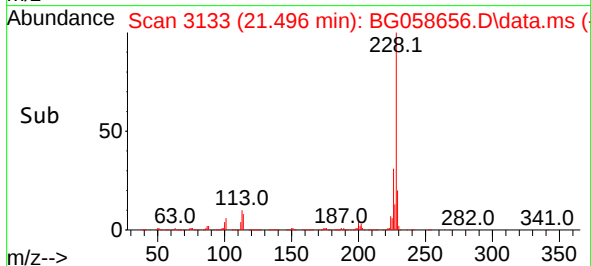
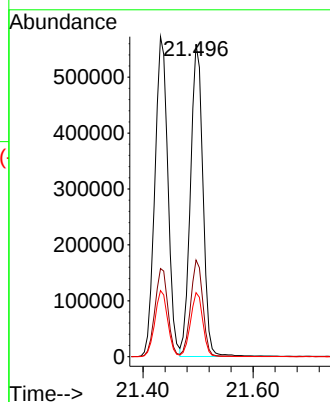
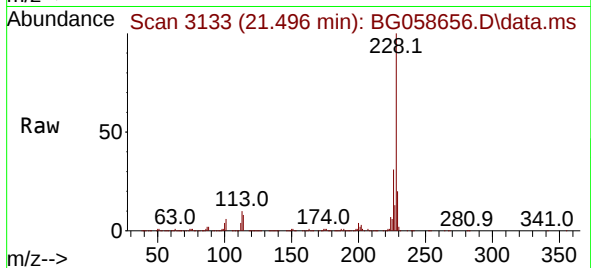
Tgt Ion:228 Resp: 876656

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.544 ng

RT: 21.338 min Scan# 3106

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

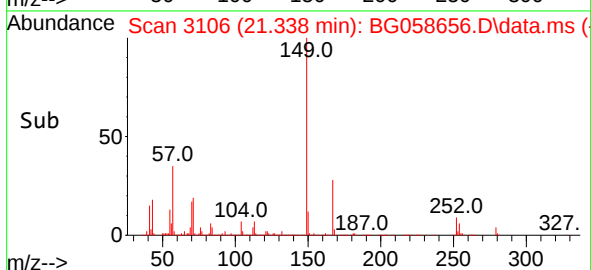
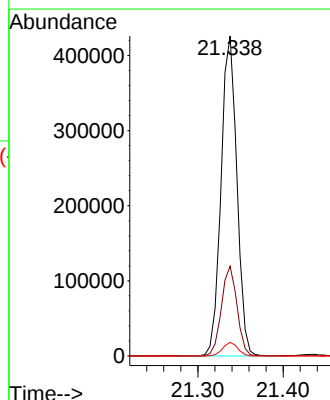
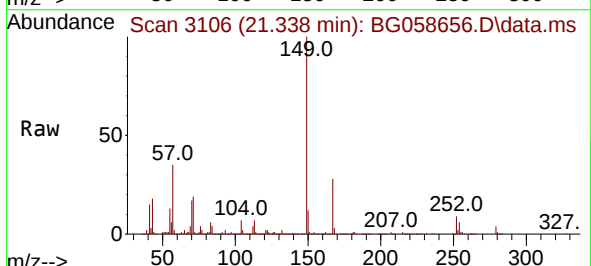
Tgt Ion:149 Resp: 548796

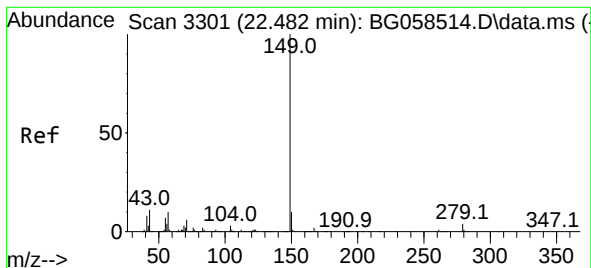
Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.821 ng

RT: 22.489 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

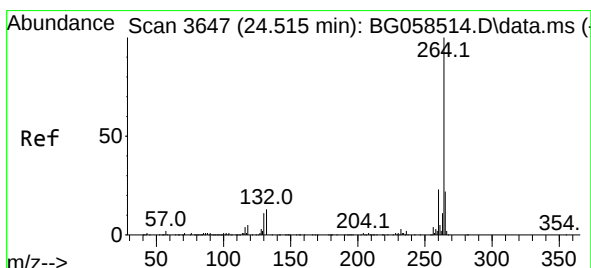
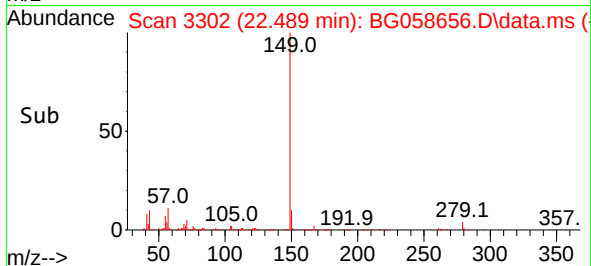
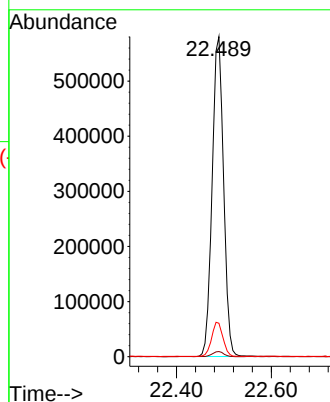
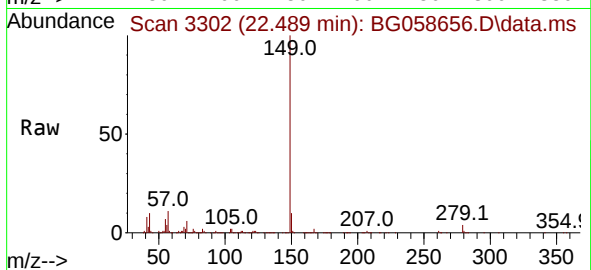
Tgt Ion:149 Resp: 970860

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.522 min Scan# 3648

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

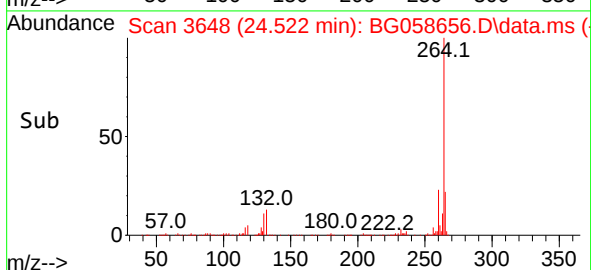
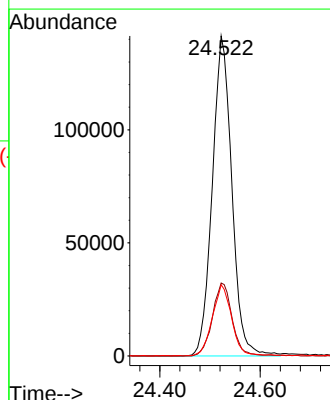
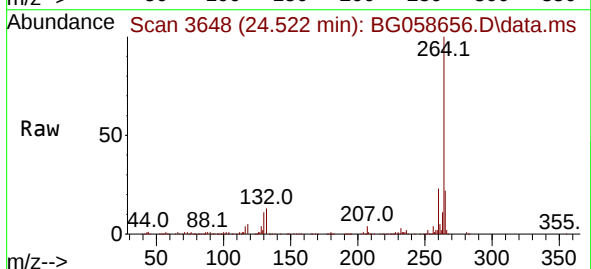
Tgt Ion:264 Resp: 382910

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.024 ng

RT: 28.024 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

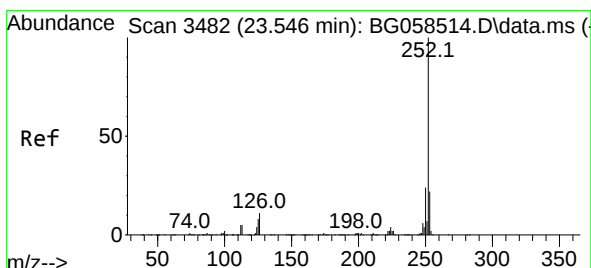
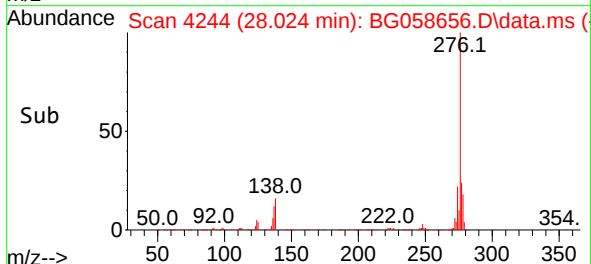
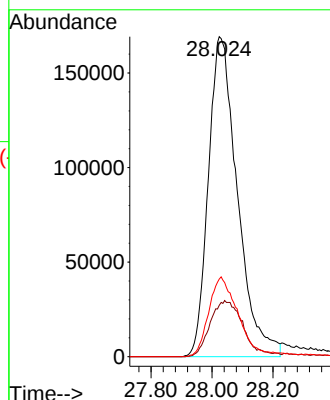
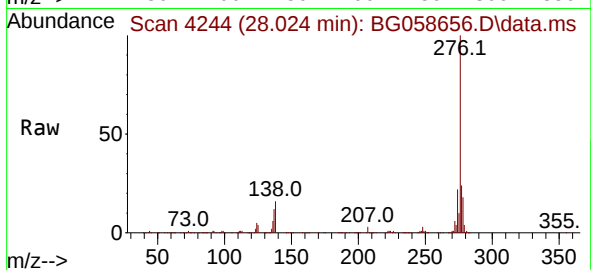
Tgt Ion:276 Resp: 1121445

Ion Ratio Lower Upper

276 100

138 19.6 16.0 24.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.264 ng

RT: 23.553 min Scan# 3483

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

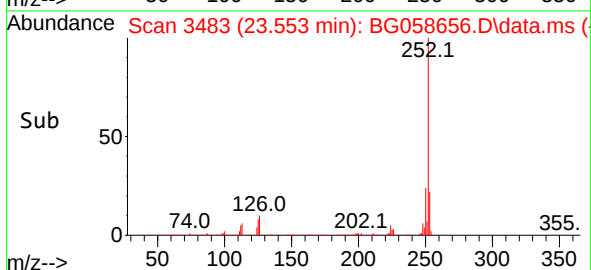
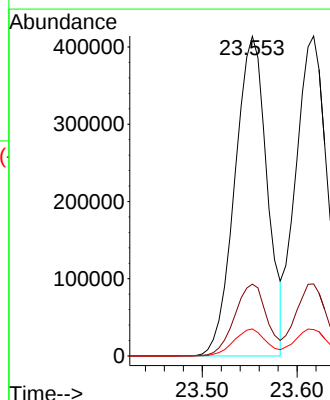
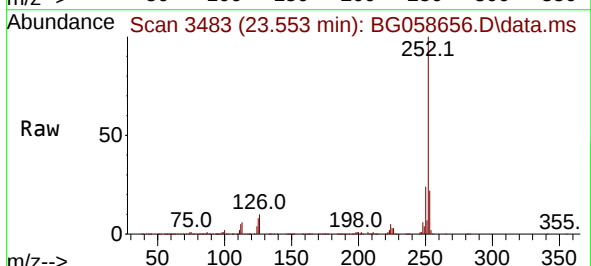
Tgt Ion:252 Resp: 981593

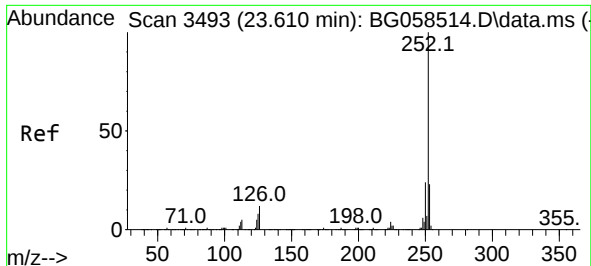
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.5 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 46.582 ng

RT: 23.617 min Scan# 3494

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

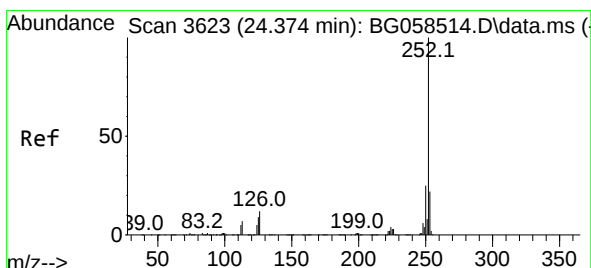
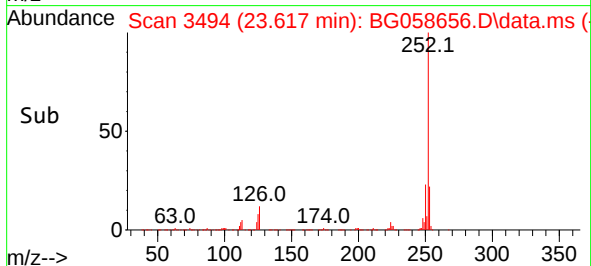
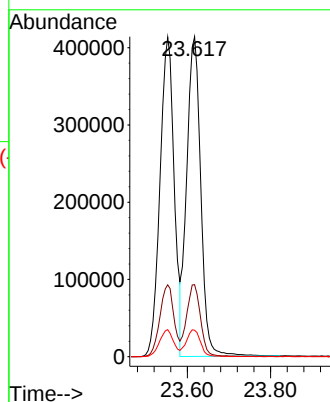
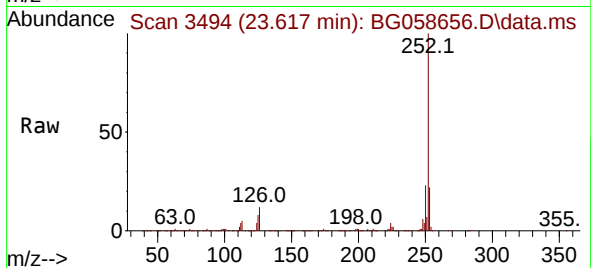
Tgt Ion:252 Resp: 971862

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 8.3 6.6 10.0



#90

Benzo(a)pyrene

Concen: 43.489 ng

RT: 24.381 min Scan# 3624

Delta R.T. 0.007 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

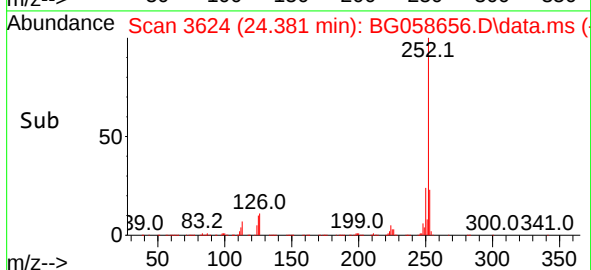
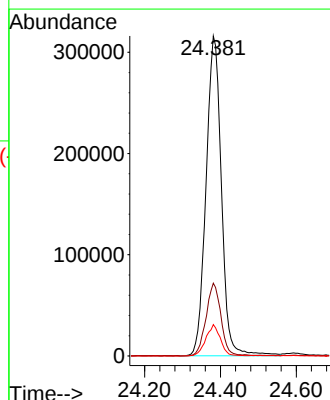
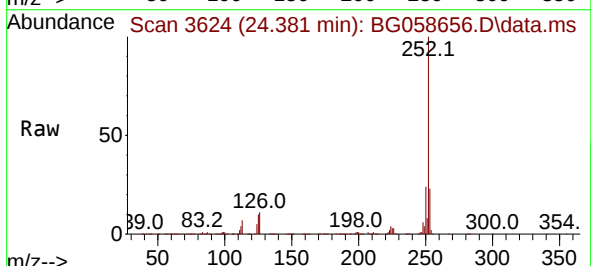
Tgt Ion:252 Resp: 886985

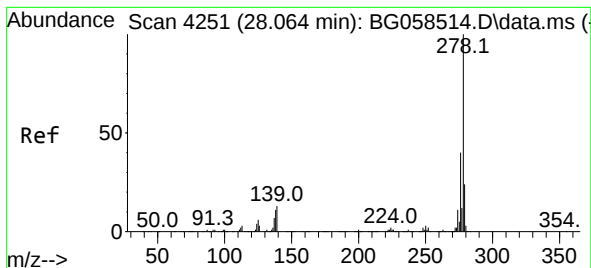
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.075 ng

RT: 28.083 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

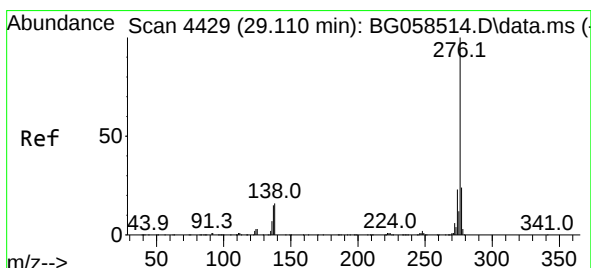
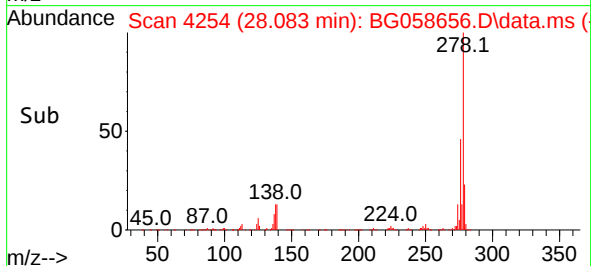
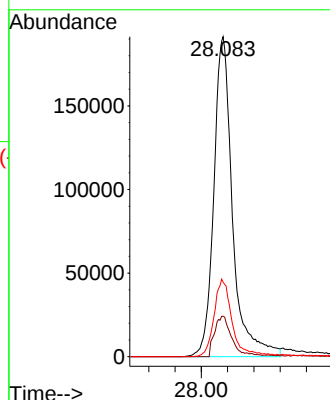
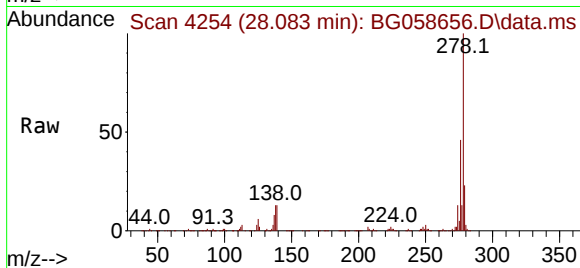
Tgt Ion:278 Resp: 949416

Ion Ratio Lower Upper

278 100

139 12.7 10.4 15.6

279 23.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.401 ng

RT: 29.123 min Scan# 4431

Delta R.T. 0.013 min

Lab File: BG058656.D

Acq: 9 Aug 2023 12:57

Tgt Ion:276 Resp: 895563

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.1 13.0 19.4

