

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052821.D
 Acq On : 24 Mar 2022 22:54
 Operator : CG/JU
 Sample : N2091-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

Quant Time: Mar 25 03:20:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	27209	20.000	ng	0.00
21) Naphthalene-d8	10.960	136	116200	20.000	ng	0.00
39) Acenaphthene-d10	14.767	164	96171	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	243515	20.000	ng	0.00
76) Chrysene-d12	21.798	240	239195	20.000	ng	0.00
86) Perylene-d12	25.111	264	254914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	197399	126.345	ng	0.00
7) Phenol-d6	7.294	99	299631	127.208	ng	0.00
23) Nitrobenzene-d5	9.303	82	202369	87.409	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	168845	130.657	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	448060	68.713	ng	0.00
79) Terphenyl-d14	20.112	244	902278	67.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	31008	39.675	ng	# 90
3) Pyridine	3.987	79	82171	41.015	ng	# 88
4) n-Nitrosodimethylamine	3.893	42	50240	56.528	ng	# 75
6) Aniline	7.459	93	137415	49.754	ng	99
8) 2-Chlorophenol	7.705	128	94387	57.494	ng	91
9) Benzaldehyde	7.271	77	60885	49.803	ng	98
10) Phenol	7.318	94	133026	57.212	ng	89
11) bis(2-Chloroethyl)ether	7.553	93	89552	51.001	ng	95
12) 1,3-Dichlorobenzene	8.034	146	96106	48.621	ng	96
13) 1,4-Dichlorobenzene	8.175	146	97795	49.243	ng	97
14) 1,2-Dichlorobenzene	8.499	146	94560	50.345	ng	96
15) Benzyl Alcohol	8.375	79	109954	55.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.669	45	147756	48.321	ng	96
17) 2-Methylphenol	8.575	107	88596	57.157	ng	89
18) Hexachloroethane	9.233	117	37236	51.103	ng	91
19) n-Nitroso-di-n-propyla...	8.945	70	87717	52.580	ng	# 96
20) 3+4-Methylphenols	8.904	107	124315	57.308	ng	97
22) Acetophenone	8.963	105	146405	48.687	ng	# 96
24) Nitrobenzene	9.344	77	133762	57.743	ng	90
25) Isophorone	9.873	82	243992	54.427	ng	99
26) 2-Nitrophenol	10.061	139	54016	67.147	ng	96
27) 2,4-Dimethylphenol	10.114	122	99183	60.266	ng	97
28) bis(2-Chloroethoxy)met...	10.349	93	129217	48.748	ng	97
29) 2,4-Dichlorophenol	10.596	162	106662	57.597	ng	96
30) 1,2,4-Trichlorobenzene	10.819	180	108164	49.512	ng	98
31) Naphthalene	11.007	128	300107	49.944	ng	98
32) Benzoic acid	10.249	122	74538	59.455	ng	# 88
33) 4-Chloroaniline	11.101	127	78989	31.015	ng	95
34) Hexachlorobutadiene	11.295	225	73963	47.221	ng	94
35) Caprolactam	11.876	113	24146	47.751	ng	# 76
36) 4-Chloro-3-methylphenol	12.217	107	128156	59.594	ng	93
37) 2-Methylnaphthalene	12.605	142	221145	50.254	ng	95
38) 1-Methylnaphthalene	12.822	142	218120	50.788	ng	95
40) 1,2,4,5-Tetrachloroben...	12.969	216	138991	46.260	ng	# 98
41) Hexachlorocyclopentadiene	12.951	237	180852	101.547	ng	94
43) 2,4,6-Trichlorophenol	13.198	196	104672	54.400	ng	100

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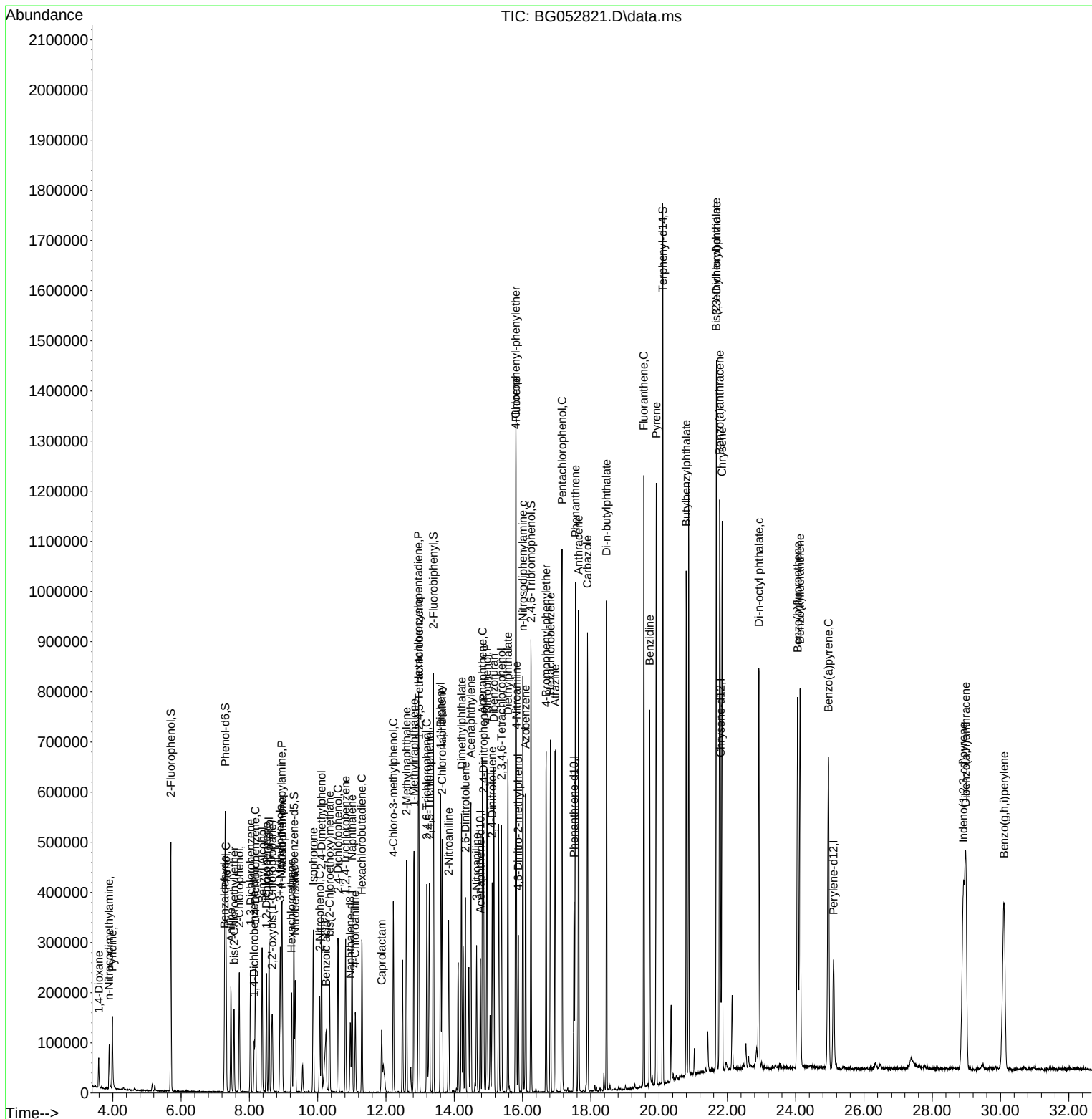
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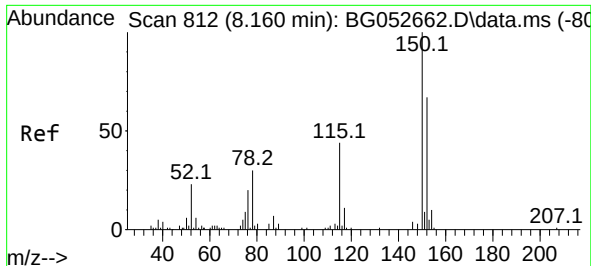
Quant Time: Mar 25 03:20:31 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	114667	58.714	ng	96
46) 1,1'-Biphenyl	13.603	154	319793	47.549	ng	98
47) 2-Chloronaphthalene	13.645	162	253347	47.833	ng	95
48) 2-Nitroaniline	13.838	65	100175	69.156	ng	93
49) Acenaphthylene	14.490	152	433694	51.366	ng	99
50) Dimethylphthalate	14.214	163	354673	49.622	ng	97
51) 2,6-Dinitrotoluene	14.326	165	78039	64.668	ng	# 78
52) Acenaphthene	14.831	154	320185	59.195	ng	97
53) 3-Nitroaniline	14.655	138	67824	48.030	ng	96
54) 2,4-Dinitrophenol	14.861	184	107062	162.758	ng	# 84
55) Dibenzofuran	15.160	168	426357	48.268	ng	99
56) 4-Nitrophenol	14.960	139	143441	124.527	ng	# 79
57) 2,4-Dinitrotoluene	15.113	165	113248	67.635	ng	# 89
58) Fluorene	15.812	166	356547	49.518	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.383	232	117752	56.409	ng	99
60) Diethylphthalate	15.571	149	375412	49.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.800	204	195291	49.180	ng	97
62) 4-Nitroaniline	15.824	138	85255	57.138	ng	# 79
63) Azobenzene	16.088	77	391840	48.591	ng	95
65) 4,6-Dinitro-2-methylph...	15.877	198	70798	65.214	ng	97
66) n-Nitrosodiphenylamine	16.012	169	325238	47.440	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	142468	48.527	ng	95
68) Hexachlorobenzene	16.817	284	156772	49.679	ng	91
69) Atrazine	16.958	200	138752	54.888	ng	96
70) Pentachlorophenol	17.157	266	206759	105.610	ng	91
71) Phenanthrene	17.551	178	632840	48.578	ng	99
72) Anthracene	17.645	178	640269	49.717	ng	99
73) Carbazole	17.903	167	589752	46.238	ng	99
74) Di-n-butylphthalate	18.462	149	678241	48.676	ng	97
75) Fluoranthene	19.554	202	808065	48.865	ng	99
77) Benzidine	19.725	184	430802	69.830	ng	98
78) Pyrene	19.918	202	797029	48.037	ng	99
80) Butylbenzylphthalate	20.794	149	298286	50.680	ng	96
81) Benzo(a)anthracene	21.775	228	795169	49.646	ng	98
82) 3,3'-Dichlorobenzidine	21.681	252	182143	32.203	ng	96
83) Chrysene	21.845	228	723138	48.025	ng	99
84) Bis(2-ethylhexyl)phtha...	21.675	149	417958	52.217	ng	99
85) Di-n-octyl phthalate	22.926	149	702059	52.687	ng	96
87) Indeno(1,2,3-cd)pyrene	28.912	276	878282	50.337	ng	98
88) Benzo(b)fluoranthene	24.060	252	827652	52.291	ng	98
89) Benzo(k)fluoranthene	24.130	252	774792	49.754	ng	99
90) Benzo(a)pyrene	24.959	252	788784	58.874	ng	98
91) Dibenzo(a,h)anthracene	28.983	278	763354	53.095	ng	96
92) Benzo(g,h,i)perylene	30.105	276	757911	53.279	ng	96

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

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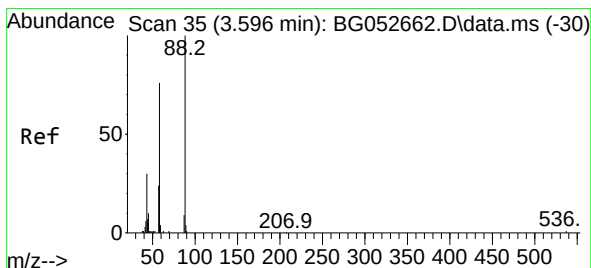
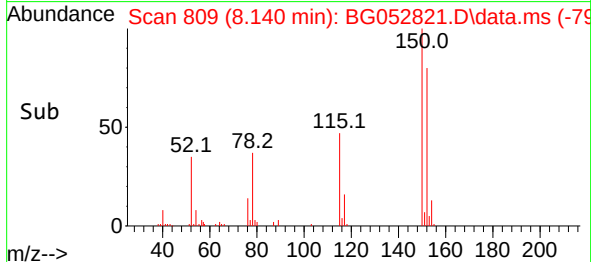
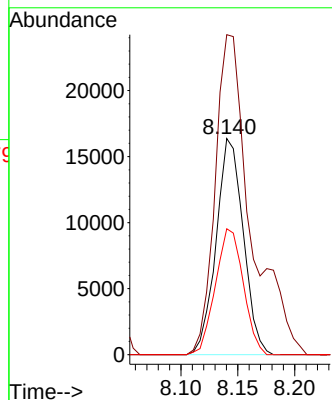
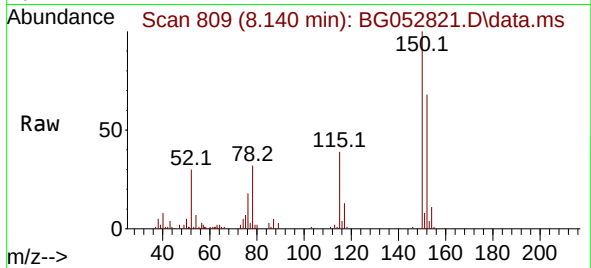




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG052821.D
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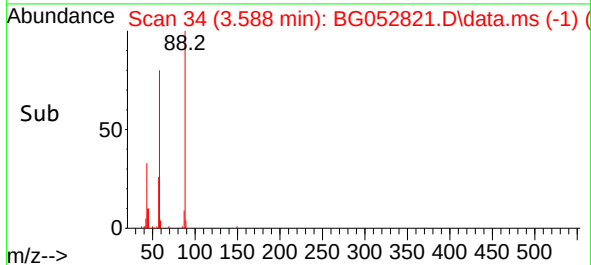
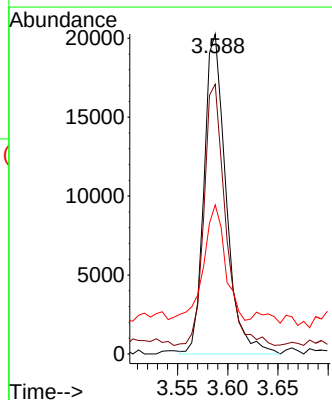
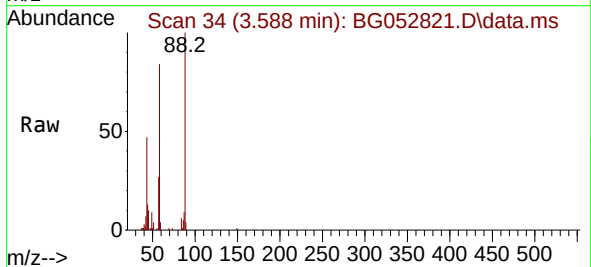
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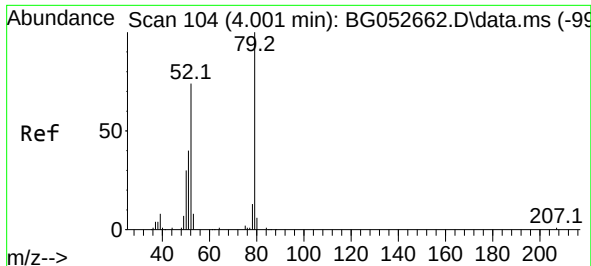
Tgt Ion:152 Resp: 27209
Ion Ratio Lower Upper
152 100
150 148.0 114.6 172.0
115 58.3 45.9 68.9



#2
1,4-Dioxane
Concen: 39.675 ng
RT: 3.588 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 88 Resp: 31008
Ion Ratio Lower Upper
88 100
58 79.4 58.2 87.2
43 36.9 23.4 35.0

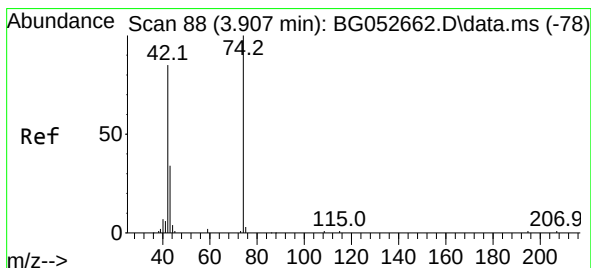
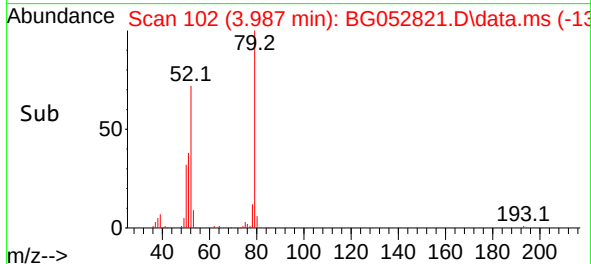
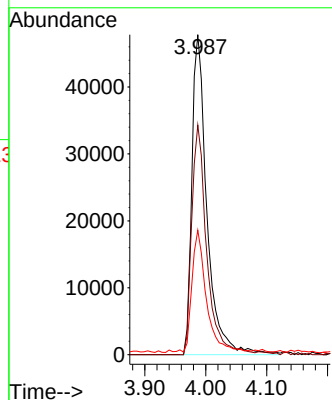
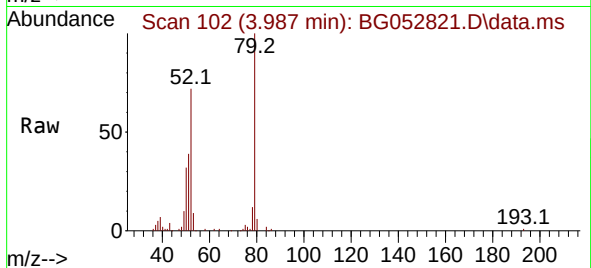




#3
Pyridine
Concen: 41.015 ng
RT: 3.987 min Scan# 104
Delta R.T. -0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

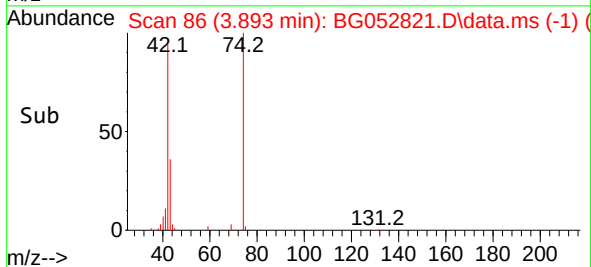
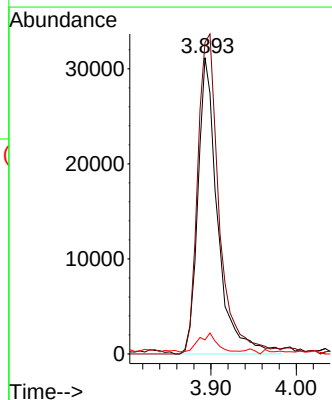
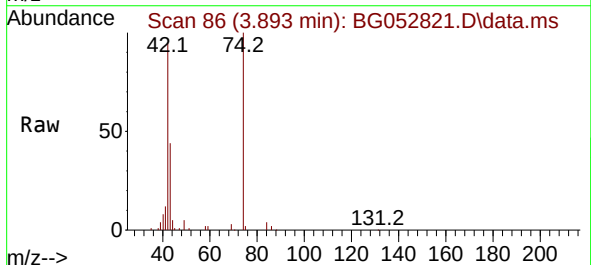
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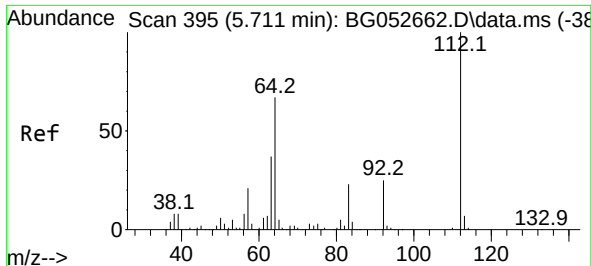
Tgt Ion: 79 Resp: 82171
Ion Ratio Lower Upper
79 100
52 71.8 50.9 76.3
51 38.9 24.4 36.6#



#4
n-Nitrosodimethylamine
Concen: 56.528 ng
RT: 3.893 min Scan# 86
Delta R.T. -0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 42 Resp: 50240
Ion Ratio Lower Upper
42 100
74 105.2 108.9 163.3#
44 4.8 5.7 8.5#

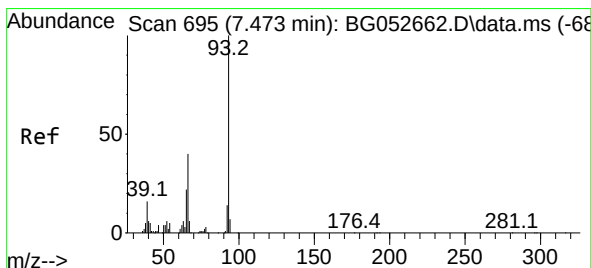
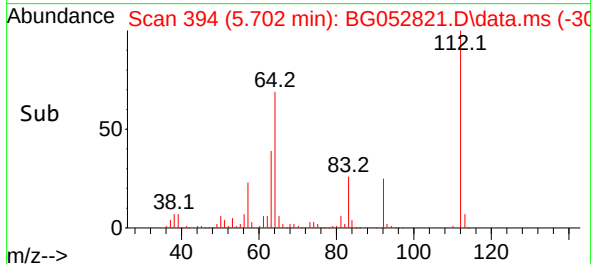
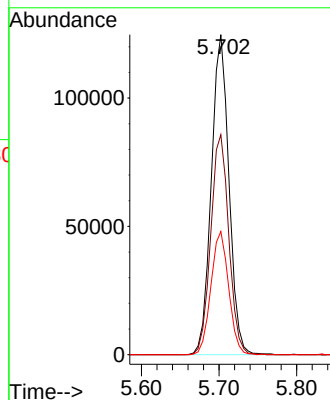
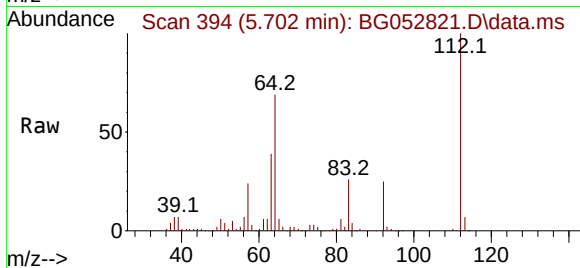




#5
2-Fluorophenol
Concen: 126.345 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

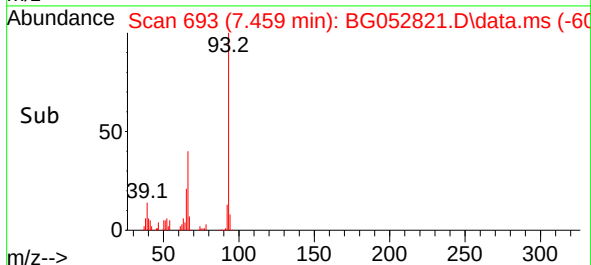
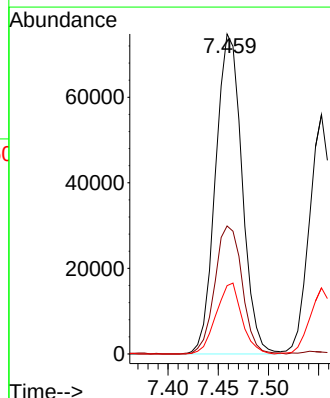
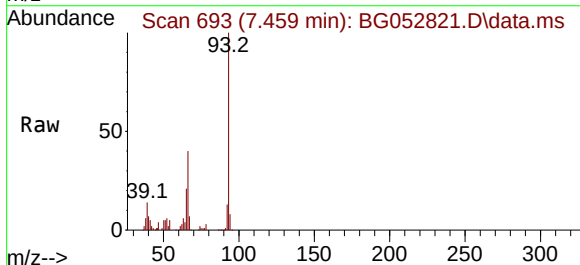
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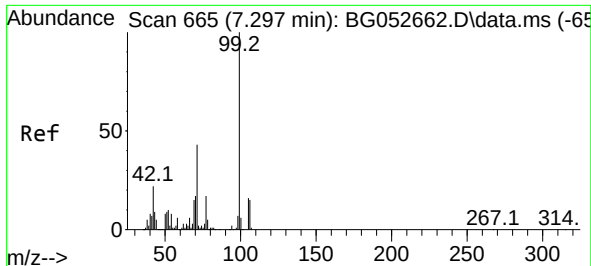
Tgt Ion:112 Resp: 197399
Ion Ratio Lower Upper
112 100
64 68.8 48.0 72.0
63 38.5 26.5 39.7



#6
Aniline
Concen: 49.754 ng
RT: 7.459 min Scan# 693
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 93 Resp: 137415
Ion Ratio Lower Upper
93 100
66 40.0 31.3 46.9
65 21.3 16.7 25.1

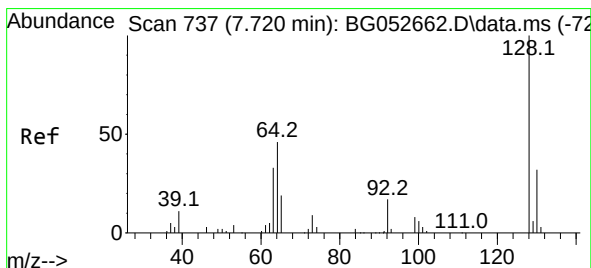
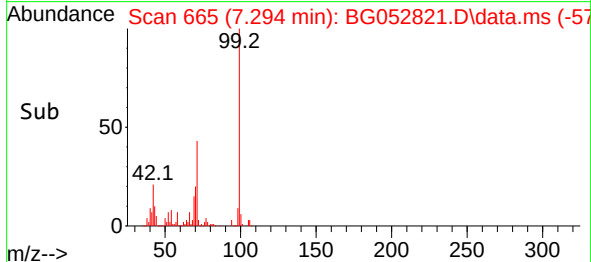
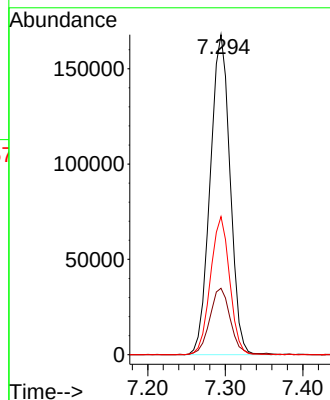
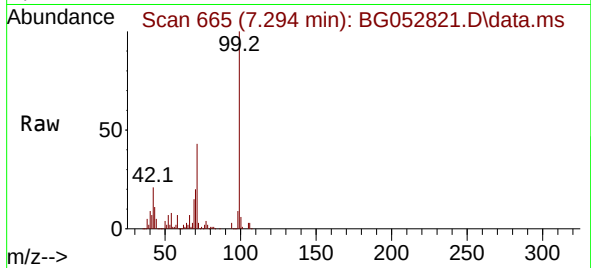




#7
Phenol-d6
Concen: 127.208 ng
RT: 7.294 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

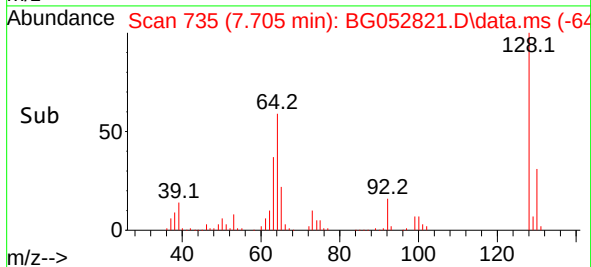
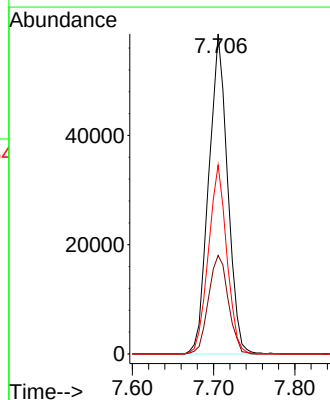
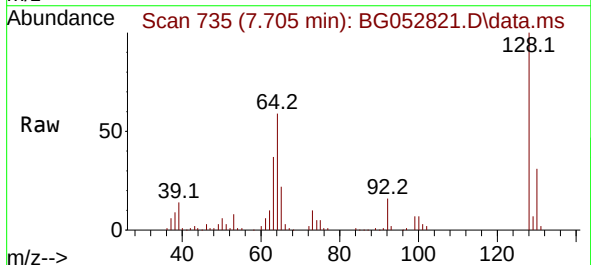
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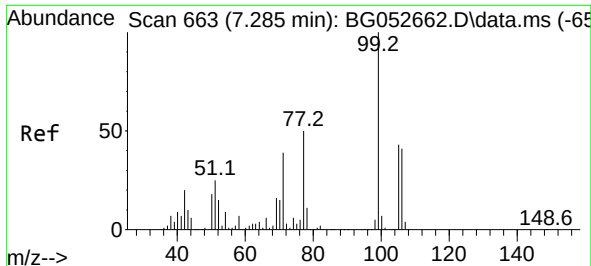
Tgt Ion: 99 Resp: 299631
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 43.1 29.2 43.8



#8
2-Chlorophenol
Concen: 57.494 ng
RT: 7.705 min Scan# 735
Delta R.T. -0.000 min
Lab File: BG052821.D
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Tgt Ion: 128 Resp: 94387
Ion Ratio Lower Upper
128 100
130 30.8 13.4 53.4
64 59.0 30.9 70.9

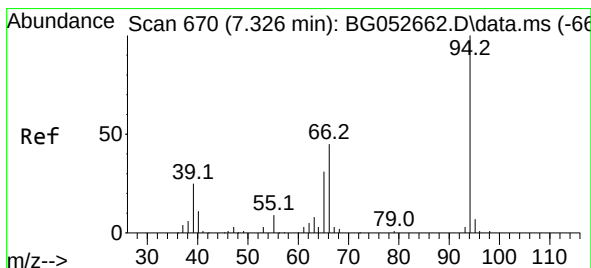
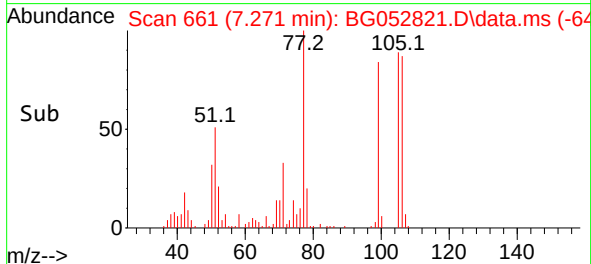
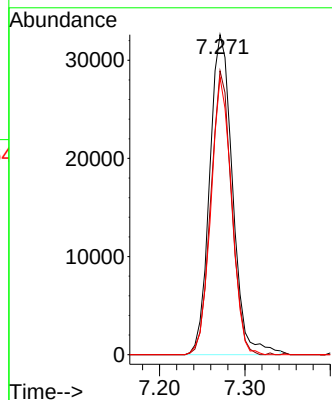
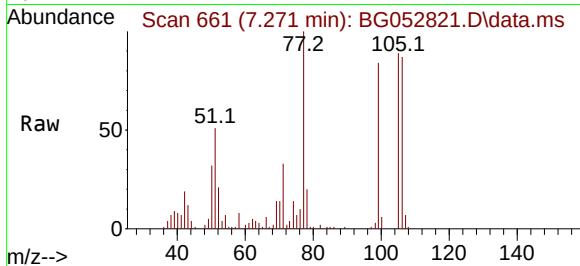




#9
Benzaldehyde
Concen: 49.803 ng
RT: 7.271 min Scan# 608
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

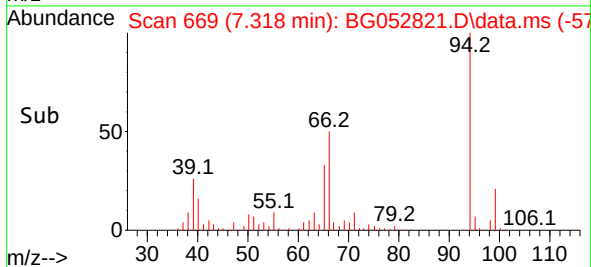
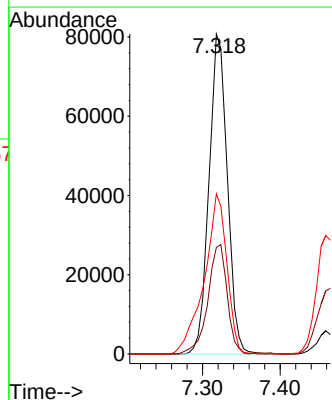
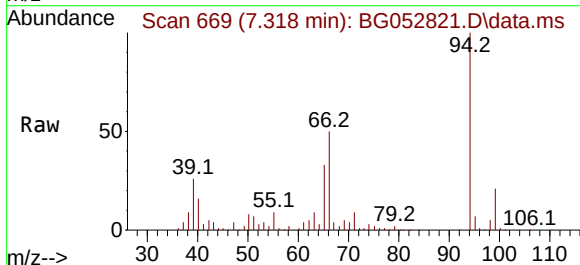
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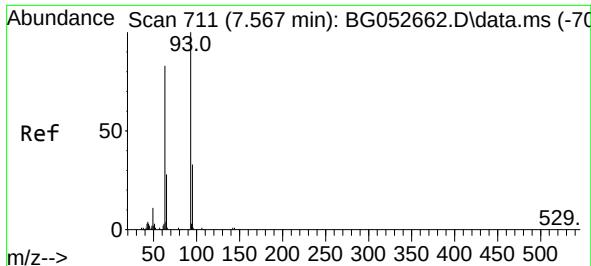
Tgt Ion: 77 Resp: 60885
Ion Ratio Lower Upper
77 100
105 88.7 70.6 110.6
106 86.6 67.6 107.6



#10
Phenol
Concen: 57.212 ng
RT: 7.318 min Scan# 669
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 133026
Ion Ratio Lower Upper
94 100
65 33.3 11.1 51.1
66 50.0 20.0 60.0

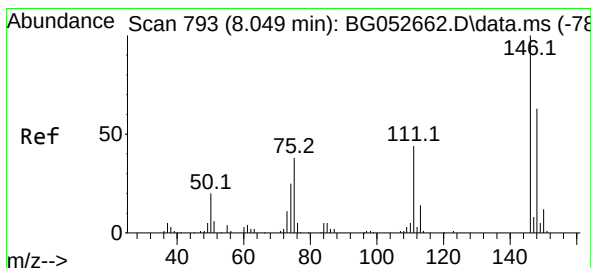
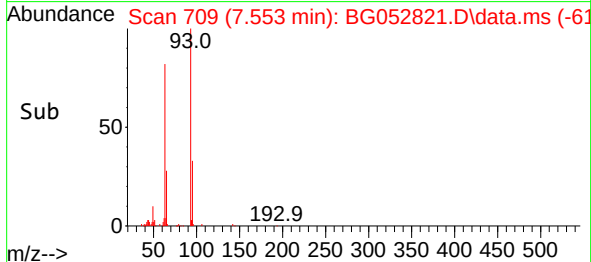
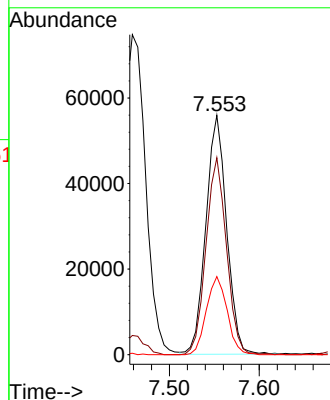
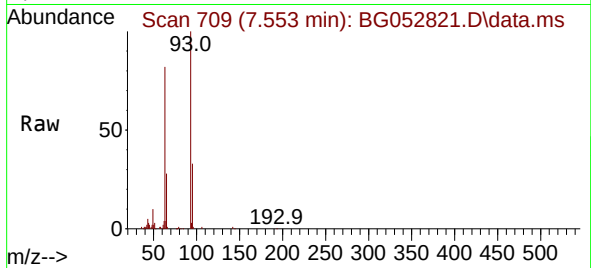




#11
bis(2-Chloroethyl)ether
Concen: 51.001 ng
RT: 7.553 min Scan# 709
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

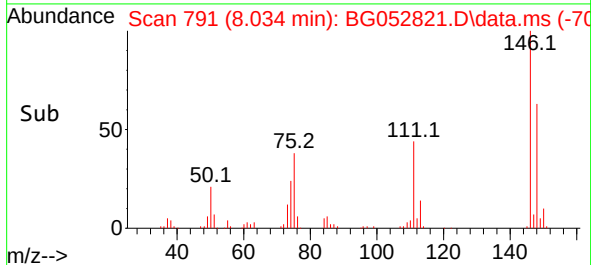
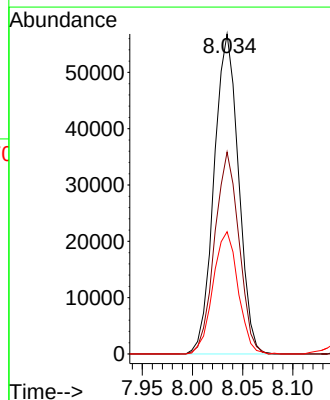
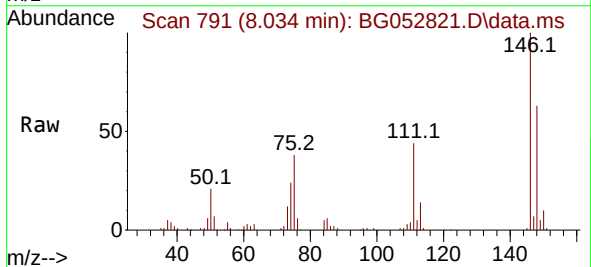
Instrument :
BNA_G
ClientSampleId :
MHBMS

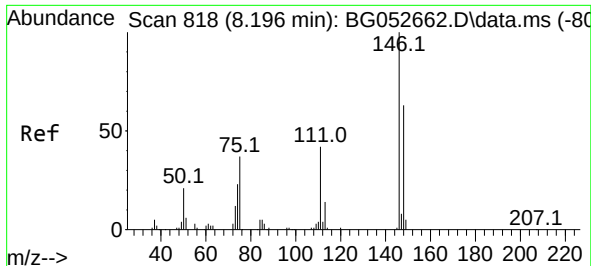
Tgt Ion: 93 Resp: 89552
Ion Ratio Lower Upper
93 100
63 82.3 56.9 96.9
95 32.7 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 48.621 ng
RT: 8.034 min Scan# 791
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:146 Resp: 96106
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 38.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.243 ng

RT: 8.175 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

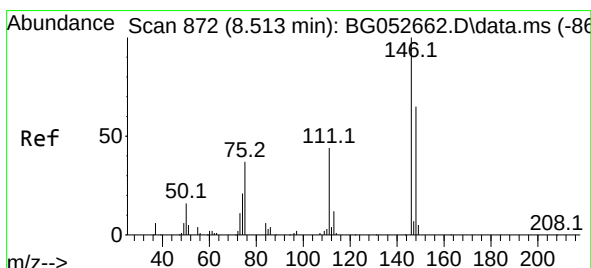
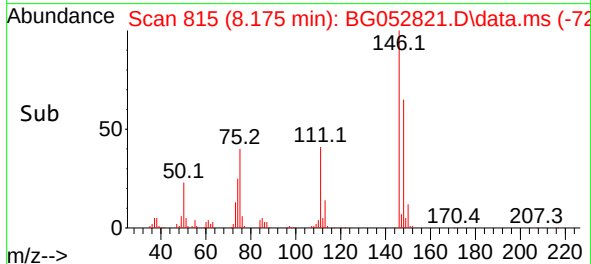
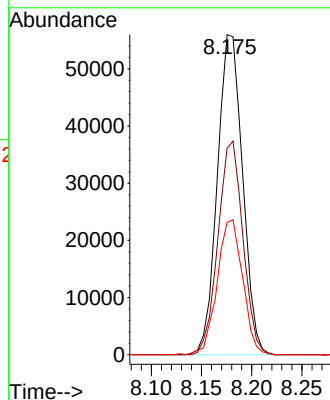
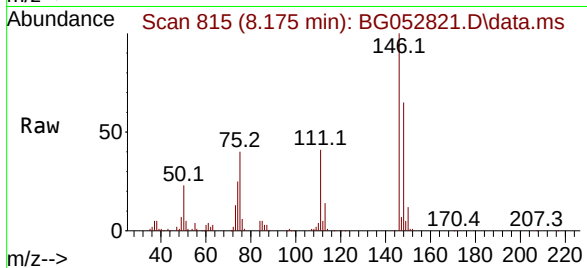
Tgt Ion:146 Resp: 97795

Ion Ratio Lower Upper

146 100

148 64.5 50.0 75.0

111 41.4 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 50.345 ng

RT: 8.499 min Scan# 870

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

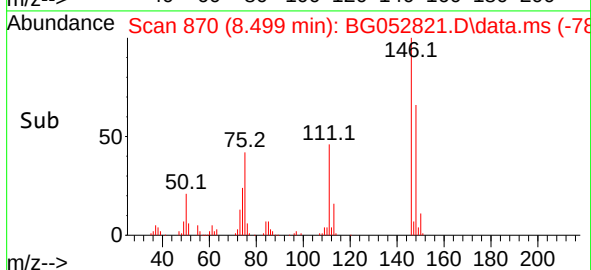
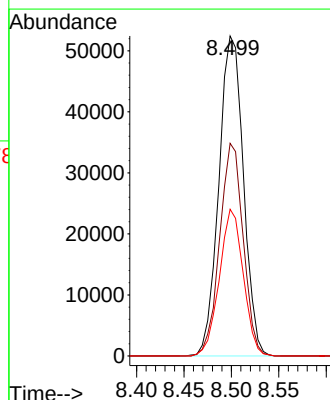
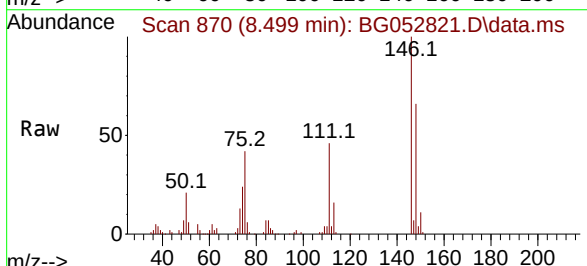
Tgt Ion:146 Resp: 94560

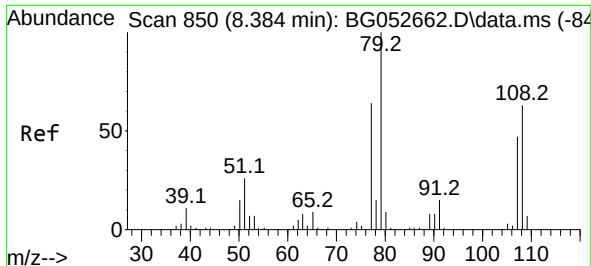
Ion Ratio Lower Upper

146 100

148 66.4 51.0 76.6

111 45.8 34.7 52.1

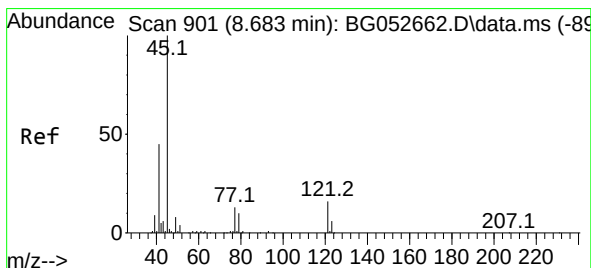
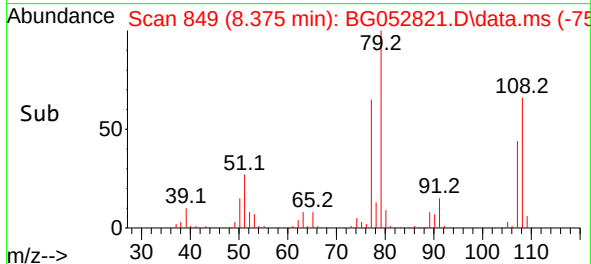
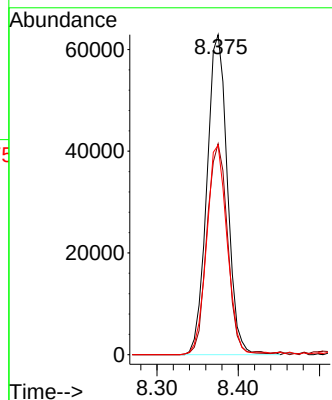
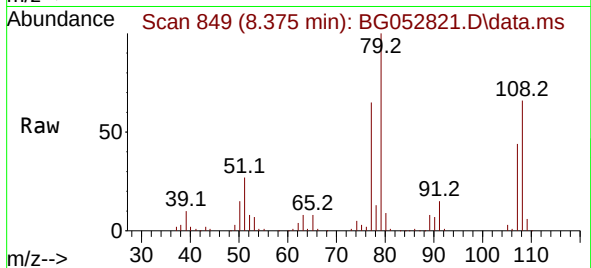




#15
Benzyl Alcohol
Concen: 55.440 ng
RT: 8.375 min Scan# 84
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

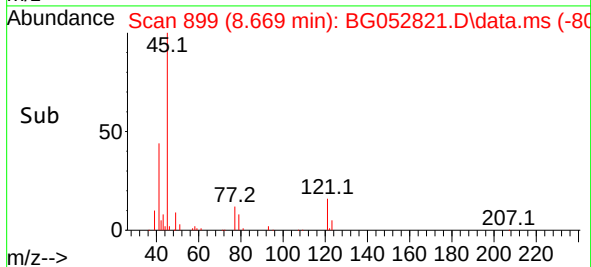
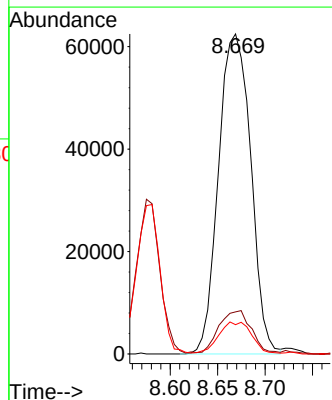
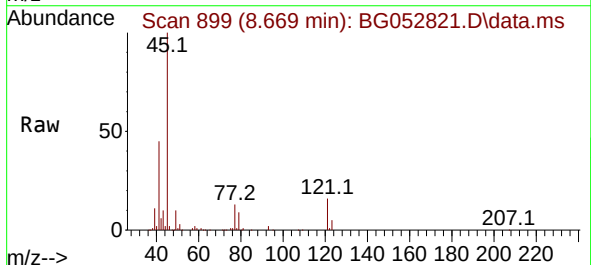
Instrument :
BNA_G
ClientSampleId :
MHBMS

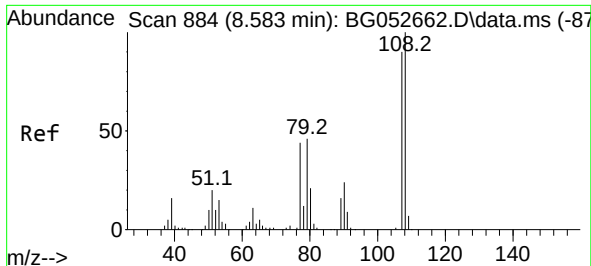
Tgt Ion: 79 Resp: 109954
Ion Ratio Lower Upper
79 100
108 65.9 55.1 82.7
77 65.5 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.321 ng
RT: 8.669 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 45 Resp: 147756
Ion Ratio Lower Upper
45 100
77 13.2 0.0 34.9
79 9.2 0.0 30.7





#17

2-Methylphenol

Concen: 57.157 ng

RT: 8.575 min Scan# 884

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

Tgt Ion:107 Resp: 88596

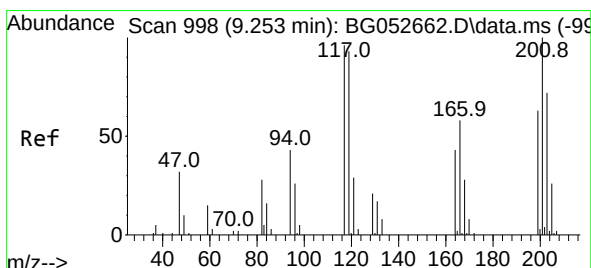
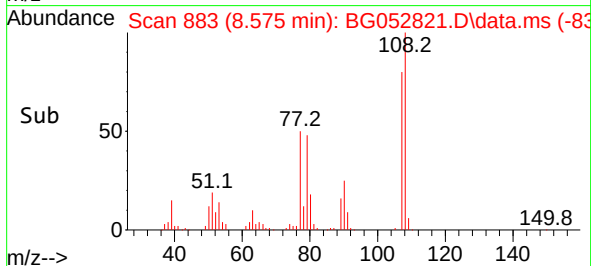
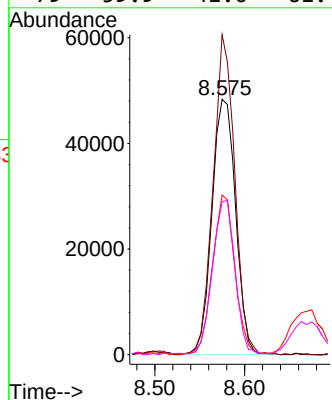
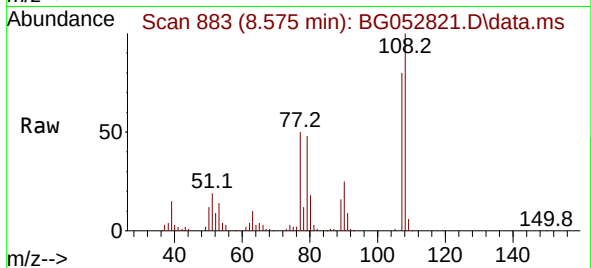
Ion Ratio Lower Upper

107 100

108 125.3 91.5 137.3

77 62.5 42.5 63.7

79 59.9 41.0 61.4



#18

Hexachloroethane

Concen: 51.103 ng

RT: 9.233 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

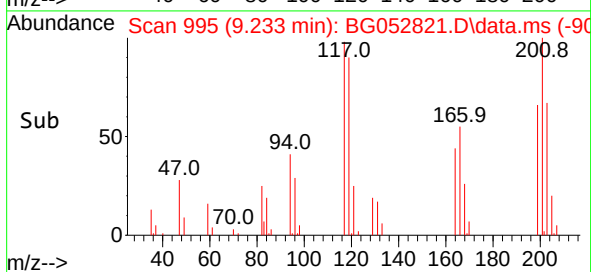
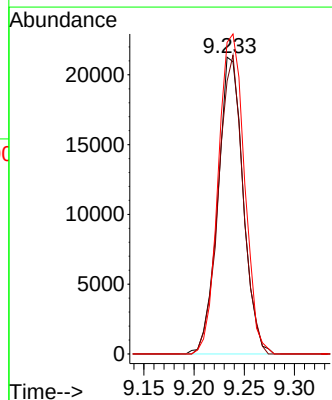
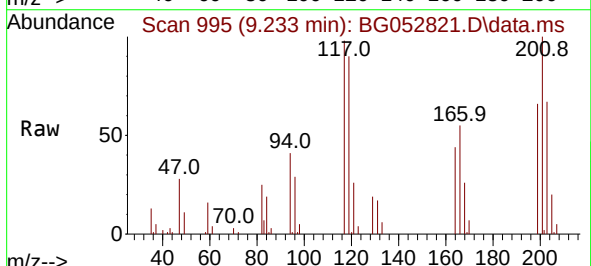
Tgt Ion:117 Resp: 37236

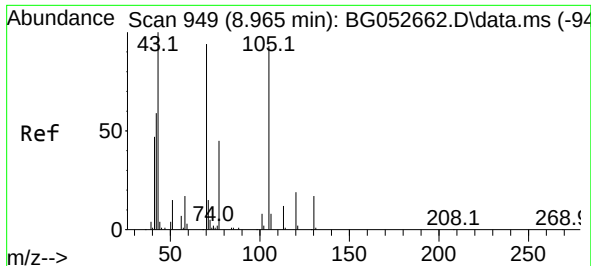
Ion Ratio Lower Upper

117 100

119 91.9 75.1 112.7

201 105.0 96.6 145.0

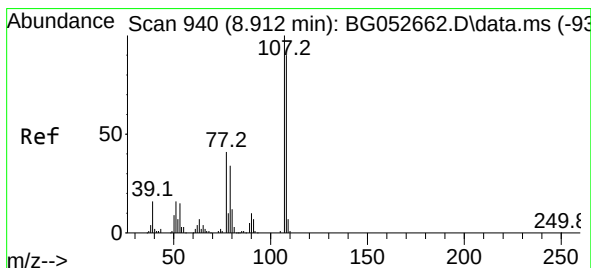
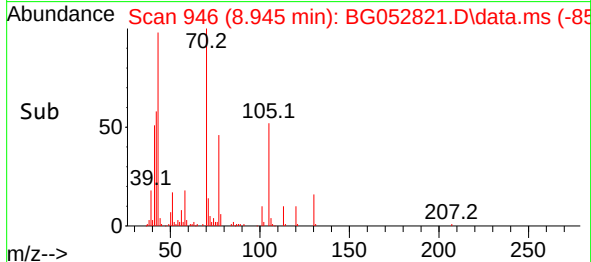
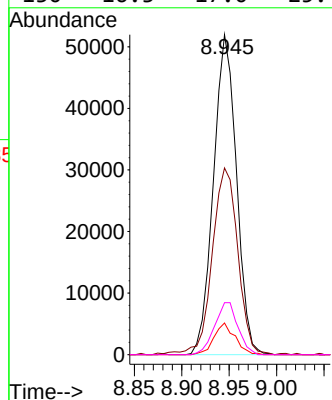
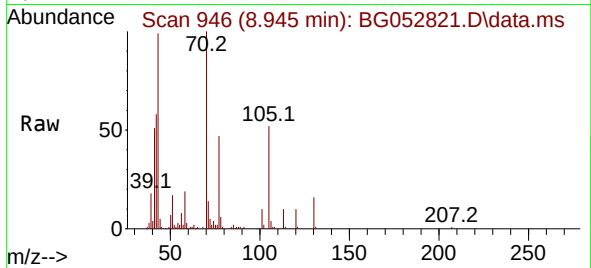




#19
n-Nitroso-di-n-propylamine
Concen: 52.580 ng
RT: 8.945 min Scan# 949
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

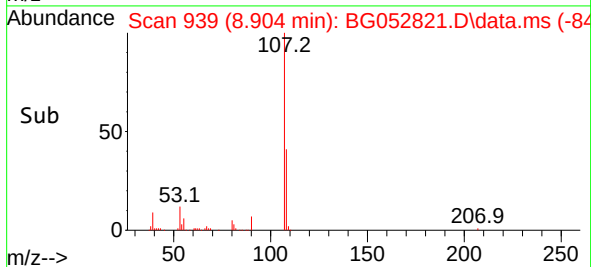
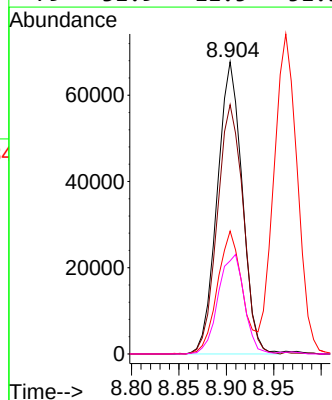
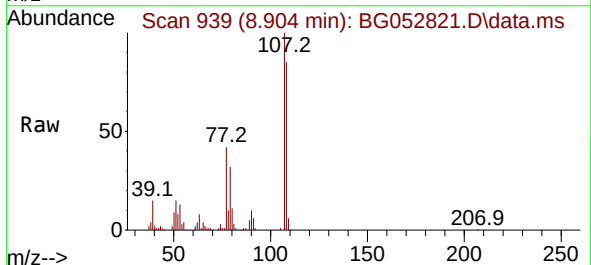
Instrument :
BNA_G
ClientSampleId :
MHBMS

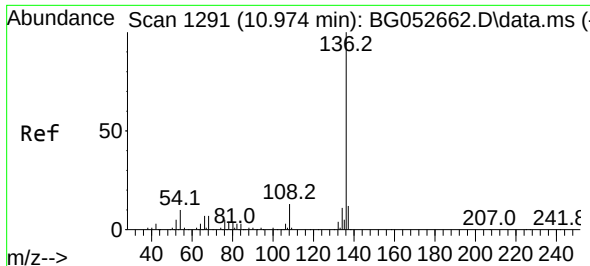
Tgt Ion: 70 Resp: 87717
Ion Ratio Lower Upper
70 100
42 58.4 46.0 69.0
101 9.9 6.2 9.4#
130 16.3 17.0 25.4#



#20
3+4-Methylphenols
Concen: 57.308 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 107 Resp: 124315
Ion Ratio Lower Upper
107 100
108 85.3 64.8 104.8
77 42.0 15.9 55.9
79 31.9 11.5 51.5

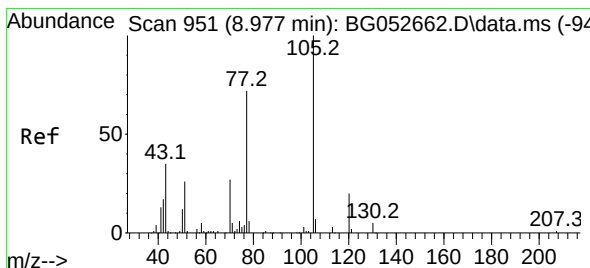
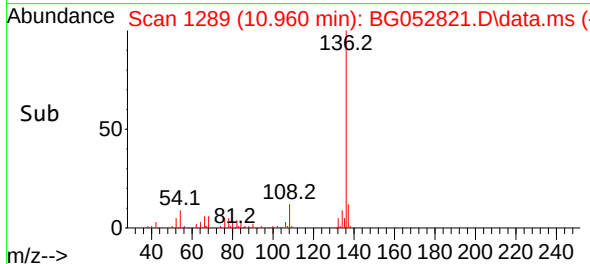
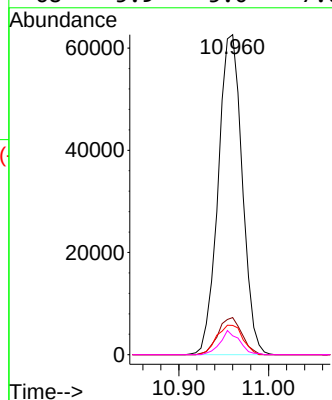
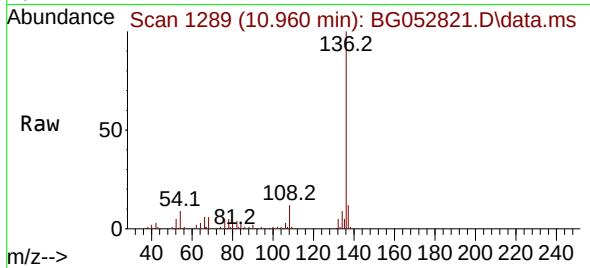




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

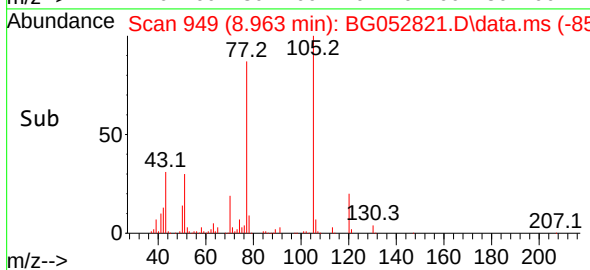
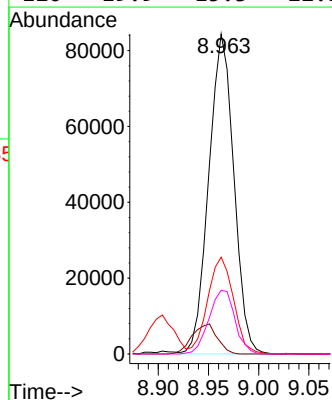
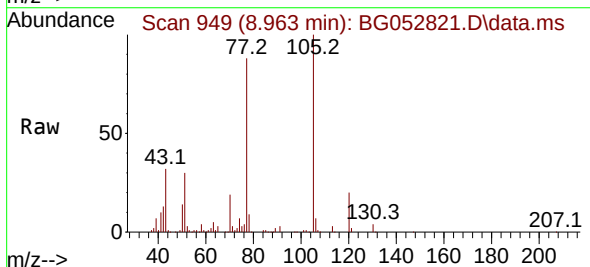
Instrument :
BNA_G
ClientSampleId :
MHBMS

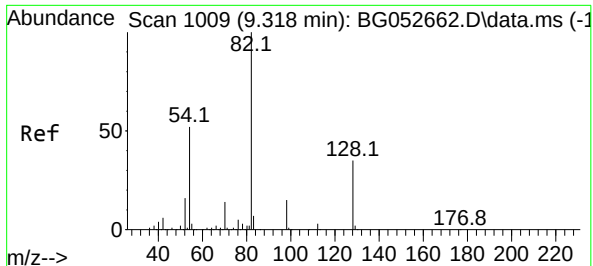
Tgt Ion:136 Resp: 116200
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.2 6.4 9.6
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 48.687 ng
RT: 8.963 min Scan# 949
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:105 Resp: 146405
Ion Ratio Lower Upper
105 100
71 3.5 2.1 3.1#
51 30.2 21.9 32.9
120 19.9 15.3 22.9





#23

Nitrobenzene-d5

Concen: 87.409 ng

RT: 9.303 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

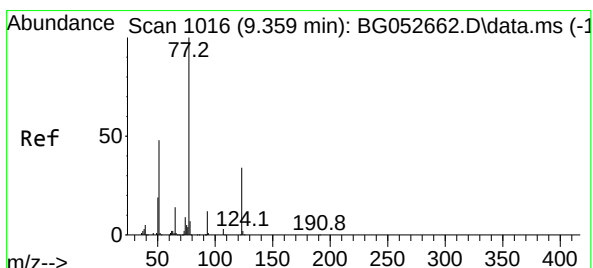
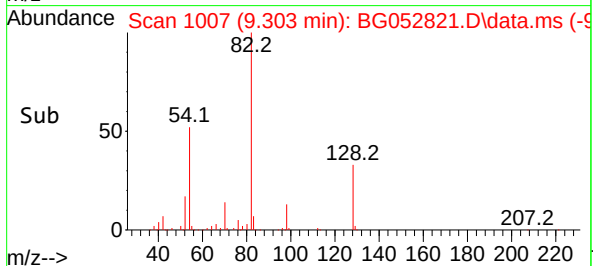
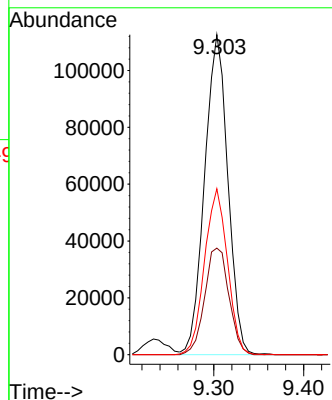
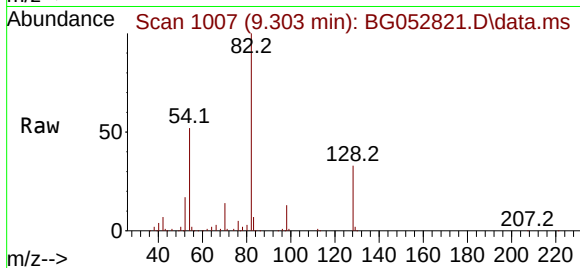
Tgt Ion: 82 Resp: 202369

Ion Ratio Lower Upper

82 100

128 33.3 31.3 46.9

54 51.9 37.8 56.8



#24

Nitrobenzene

Concen: 57.743 ng

RT: 9.344 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

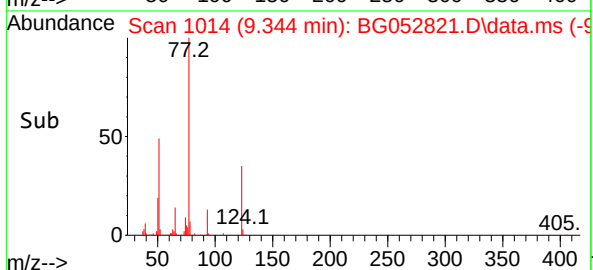
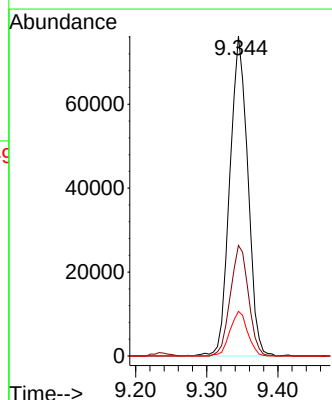
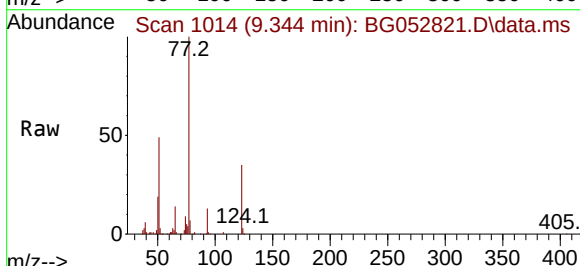
Tgt Ion: 77 Resp: 133762

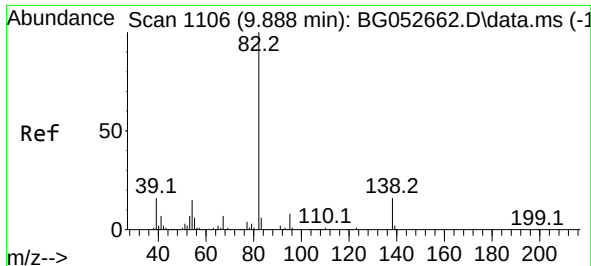
Ion Ratio Lower Upper

77 100

123 34.5 34.4 51.6

65 14.0 11.2 16.8

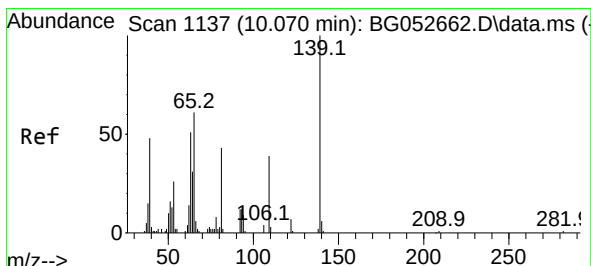
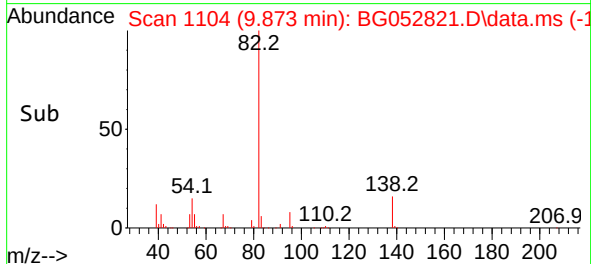
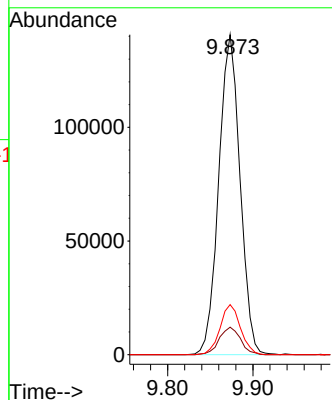
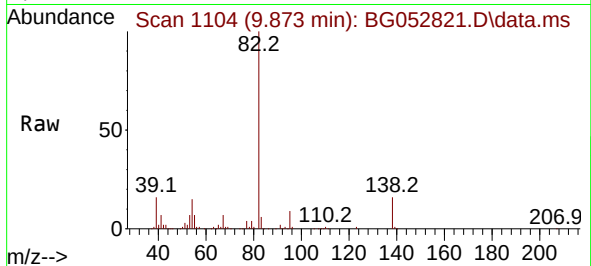




#25
Isophorone
Concen: 54.427 ng
RT: 9.873 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

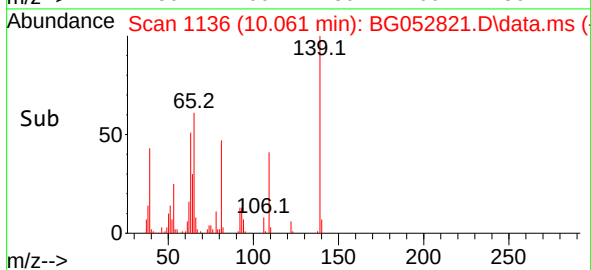
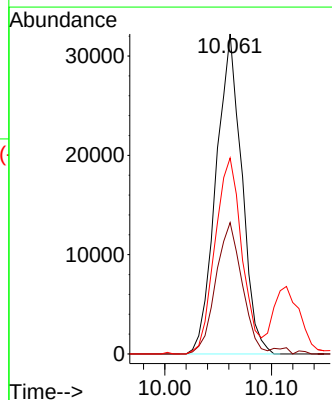
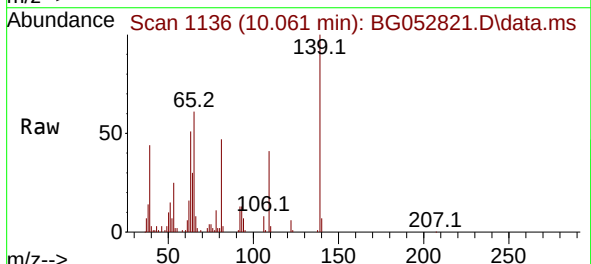
Instrument :
BNA_G
ClientSampleId :
MHBMS

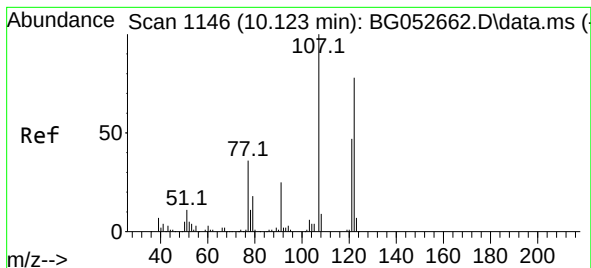
Tgt Ion: 82 Resp: 243992
Ion Ratio Lower Upper
82 100
95 8.6 5.8 8.6
138 15.7 12.6 18.8



#26
2-Nitrophenol
Concen: 67.147 ng
RT: 10.061 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 139 Resp: 54016
Ion Ratio Lower Upper
139 100
109 41.0 29.4 44.0
65 61.2 48.2 72.2

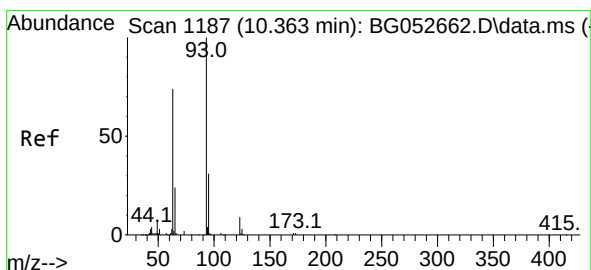
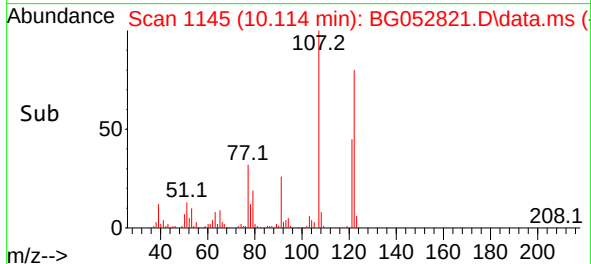
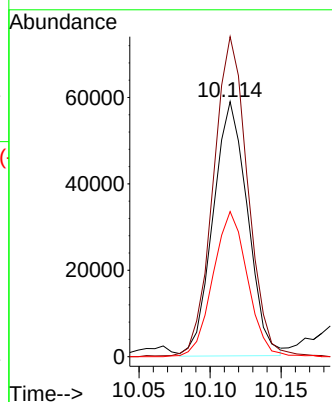
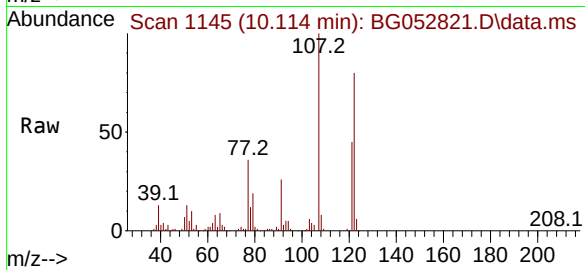




#27
2,4-Dimethylphenol
Concen: 60.266 ng
RT: 10.114 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

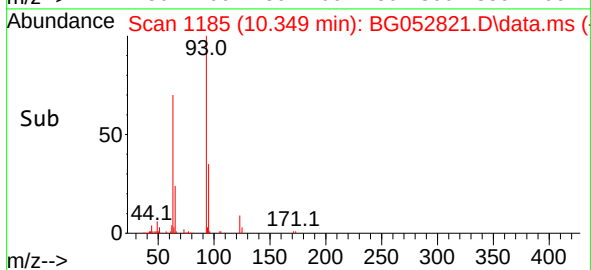
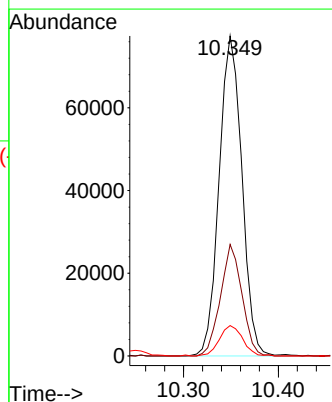
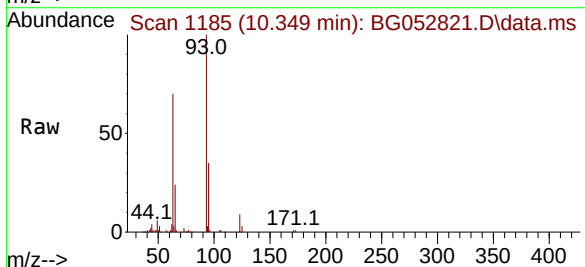
Instrument :
BNA_G
ClientSampleId :
MHBMS

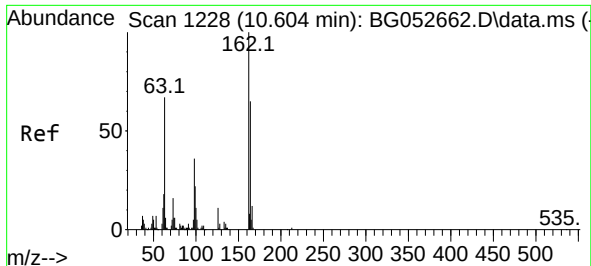
Tgt Ion:122 Resp: 99183
Ion Ratio Lower Upper
122 100
107 125.5 96.7 145.1
121 56.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 48.748 ng
RT: 10.349 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 93 Resp: 129217
Ion Ratio Lower Upper
93 100
95 34.9 26.5 39.7
123 9.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 57.597 ng

RT: 10.596 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

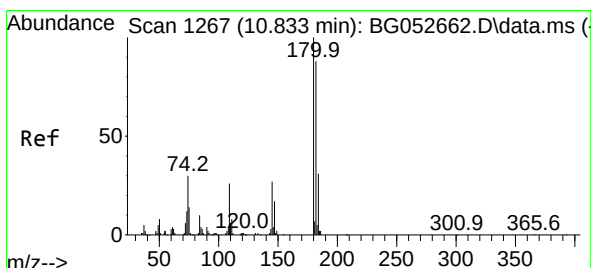
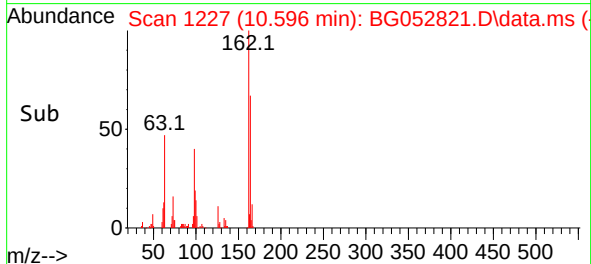
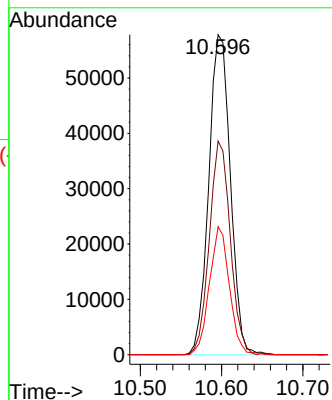
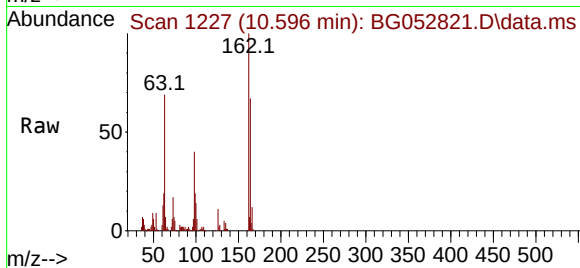
Tgt Ion:162 Resp: 106662

Ion Ratio Lower Upper

162 100

164 66.8 44.0 84.0

98 40.0 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 49.512 ng

RT: 10.819 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

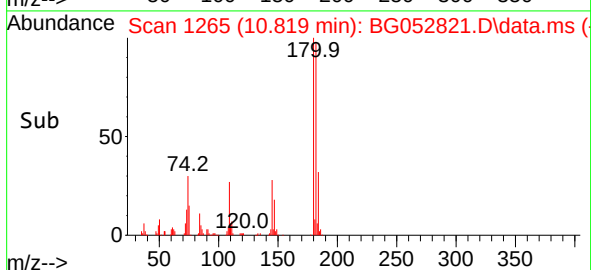
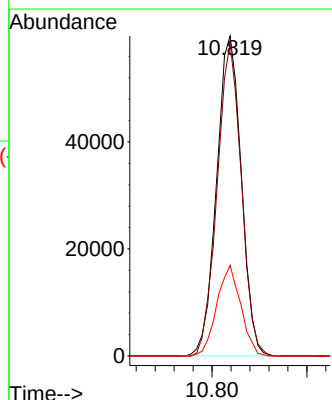
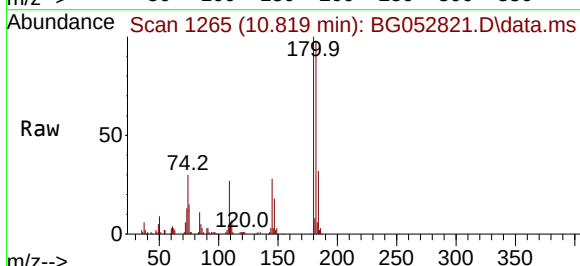
Tgt Ion:180 Resp: 108164

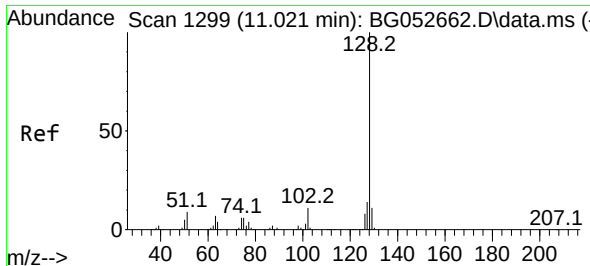
Ion Ratio Lower Upper

180 100

182 98.0 77.8 116.6

145 28.3 24.4 36.6

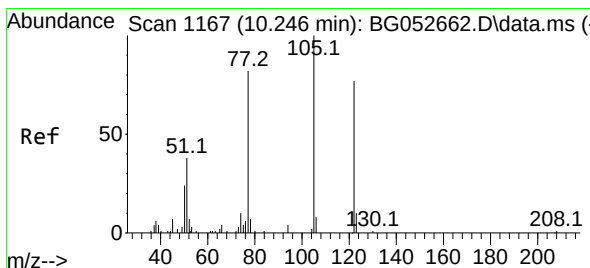
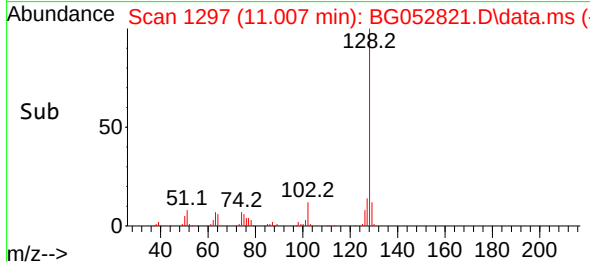
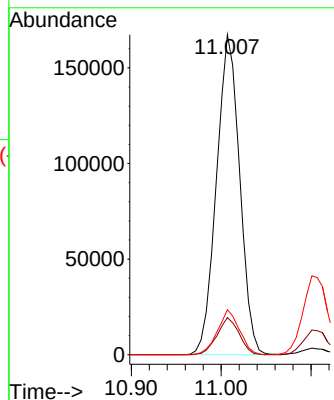
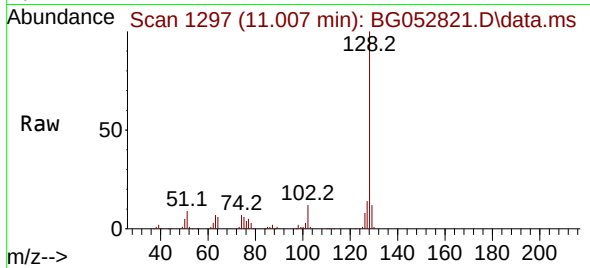




#31
Naphthalene
Concen: 49.944 ng
RT: 11.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

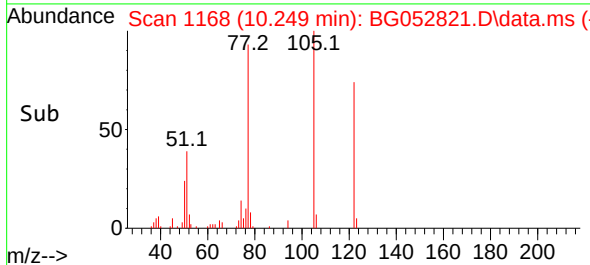
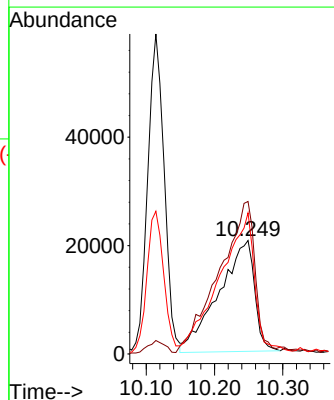
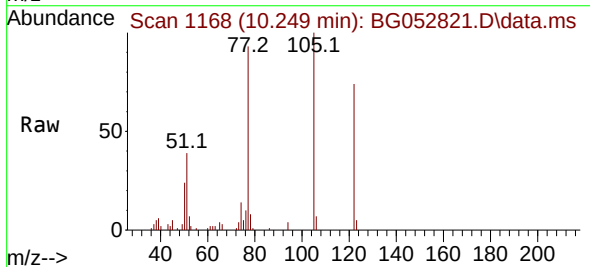
Instrument :
BNA_G
ClientSampleId :
MHBMS

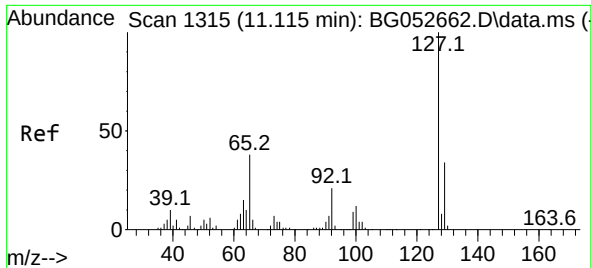
Tgt Ion:128 Resp: 300107
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 10.5 15.7



#32
Benzoic acid
Concen: 59.455 ng
RT: 10.249 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:122 Resp: 74538
Ion Ratio Lower Upper
122 100
105 134.4 112.8 152.8
77 124.5 78.4 118.4#

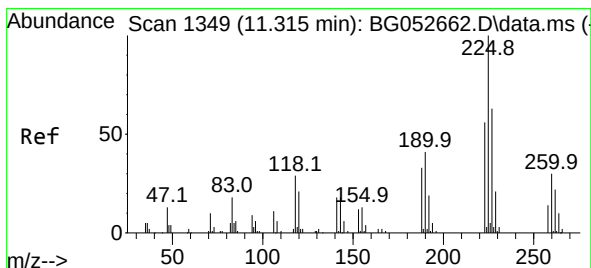
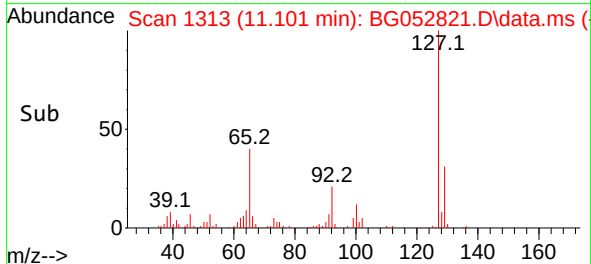
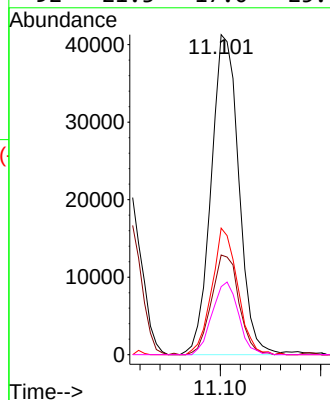
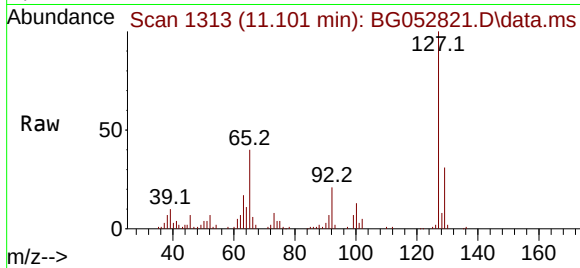




#33
4-Chloroaniline
Concen: 31.015 ng
RT: 11.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

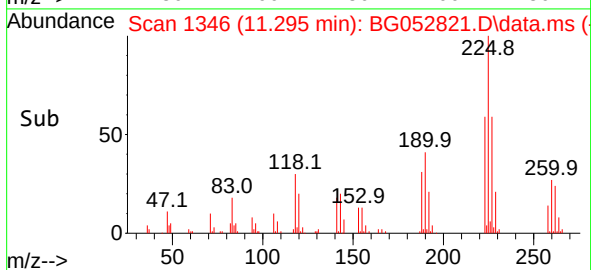
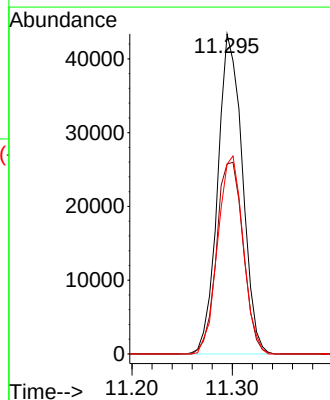
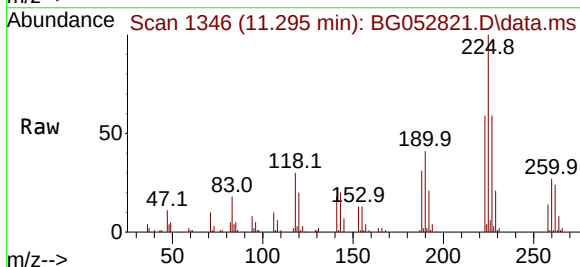
Instrument :
BNA_G
ClientSampleId :
MHBMS

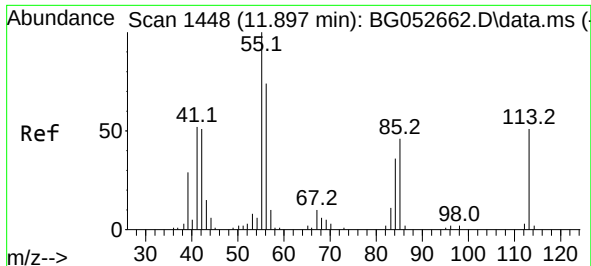
Tgt Ion:	127	Resp:	78989
Ion Ratio	Lower	Upper	
127	100		
129	31.1	27.6	41.4
65	39.5	28.2	42.4
92	21.3	17.0	25.4



#34
Hexachlorobutadiene
Concen: 47.221 ng
RT: 11.295 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:	225	Resp:	73963
Ion Ratio	Lower	Upper	
225	100		
223	59.4	50.2	75.2
227	59.3	52.0	78.0

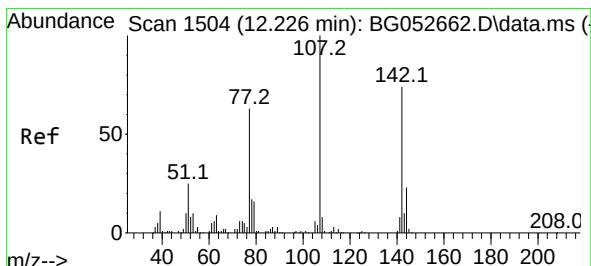
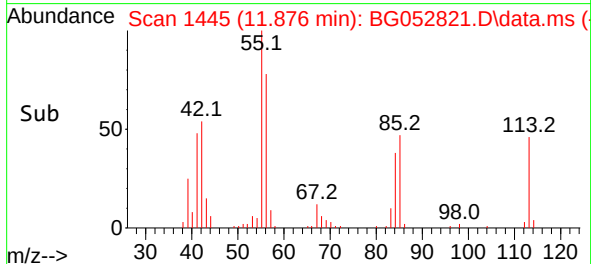
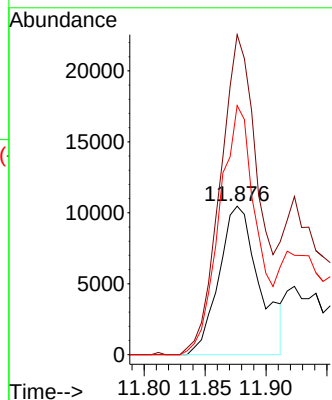
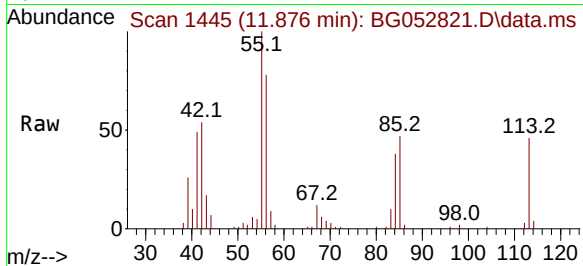




#35
 Caprolactam
 Concen: 47.751 ng
 RT: 11.876 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

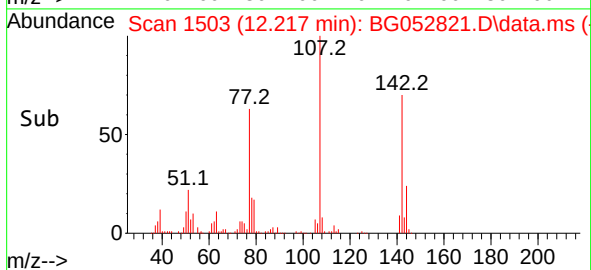
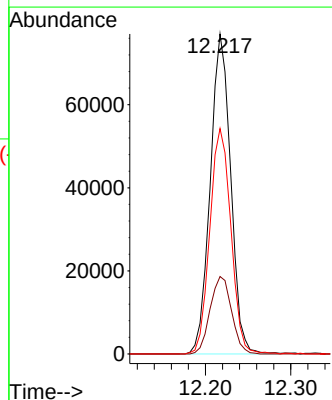
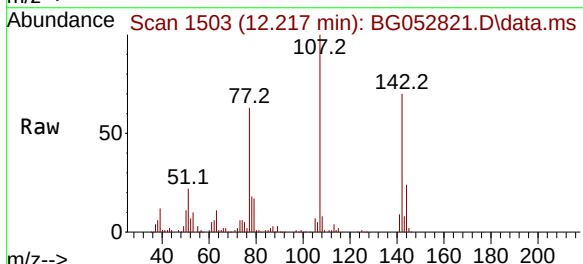
Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

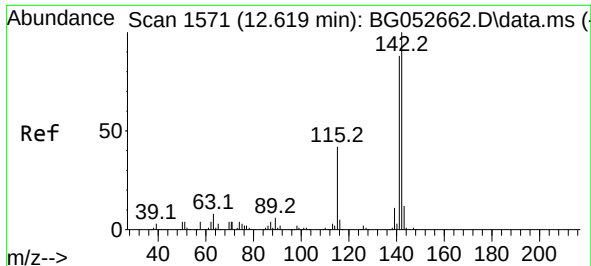
Tgt Ion:113 Resp: 24146
 Ion Ratio Lower Upper
 113 100
 55 215.5 151.3 191.3#
 56 167.7 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 59.594 ng
 RT: 12.217 min Scan# 1503
 Delta R.T. 0.006 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

Tgt Ion:107 Resp: 128156
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.4 32.0
 142 70.4 61.7 92.5





#37

2-Methylnaphthalene

Concen: 50.254 ng

RT: 12.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

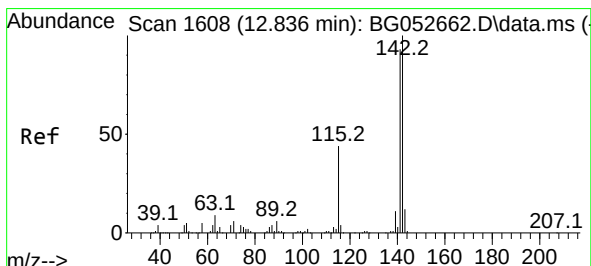
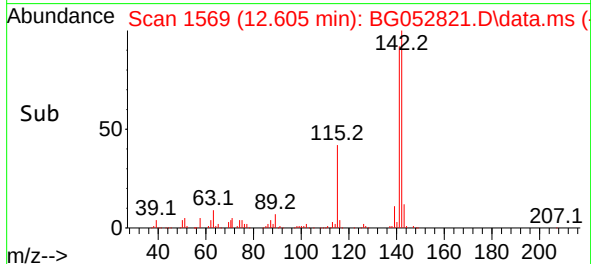
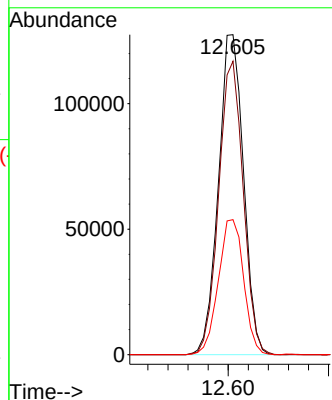
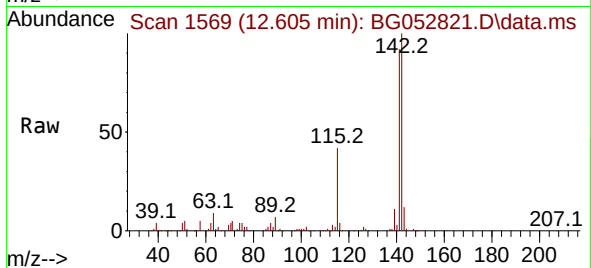
Tgt Ion:142 Resp: 221145

Ion Ratio Lower Upper

142 100

141 91.7 71.3 106.9

115 42.2 29.5 44.3



#38

1-Methylnaphthalene

Concen: 50.788 ng

RT: 12.822 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

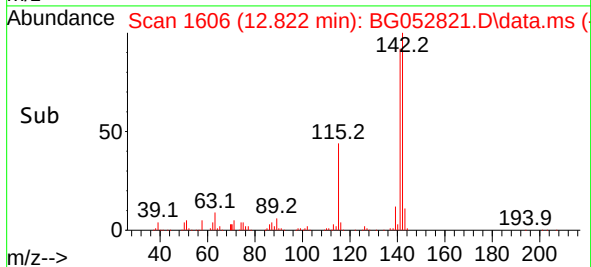
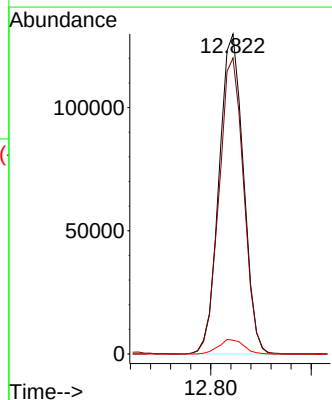
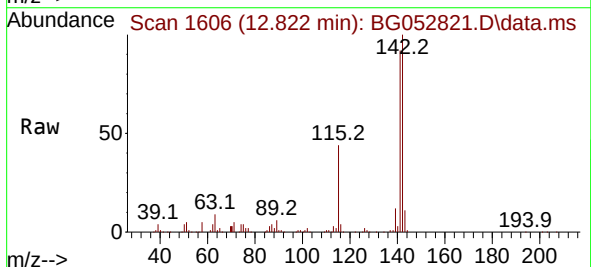
Tgt Ion:142 Resp: 218120

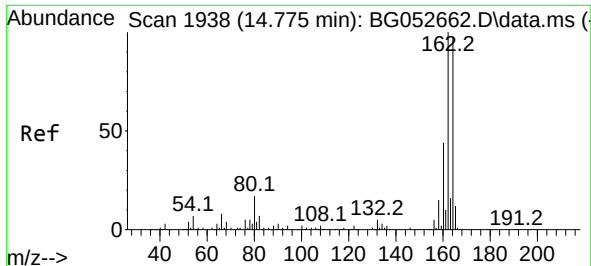
Ion Ratio Lower Upper

142 100

141 92.5 70.5 105.7

116 4.3 3.1 4.7

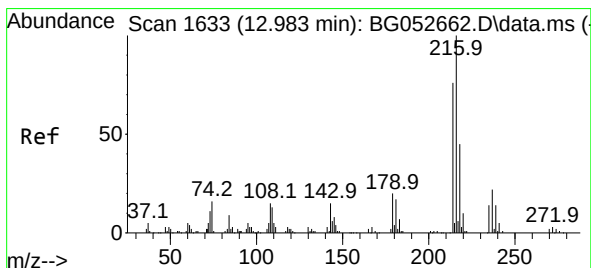
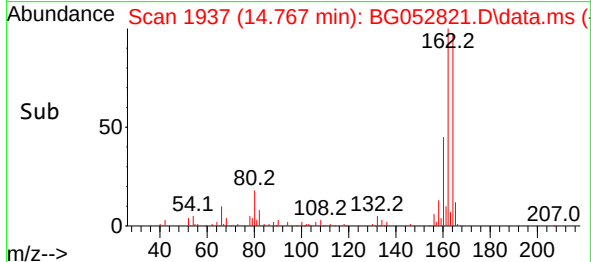
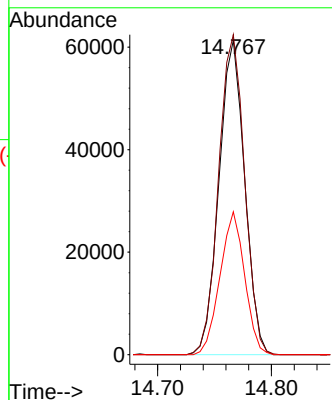
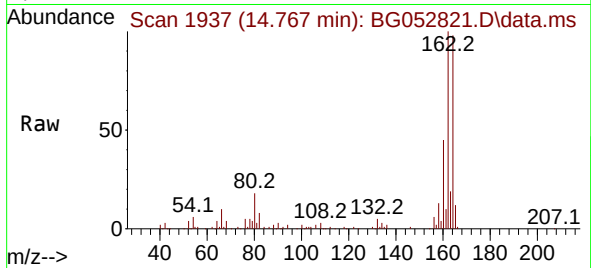




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

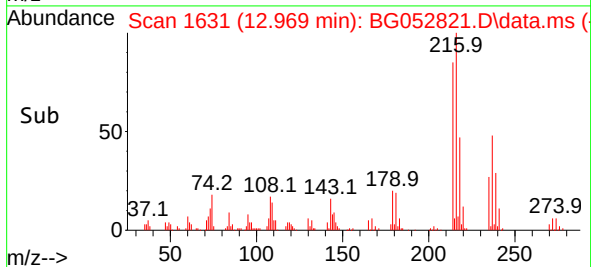
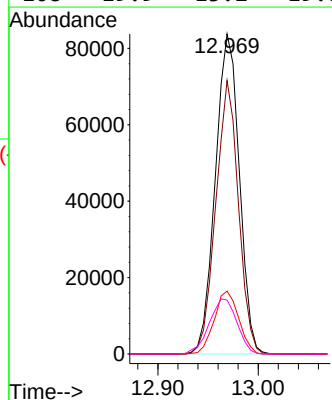
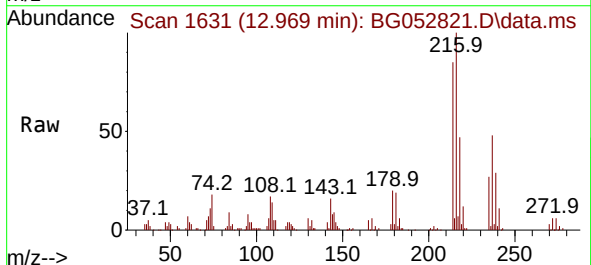
Instrument :
BNA_G
ClientSampleId :
MHBMS

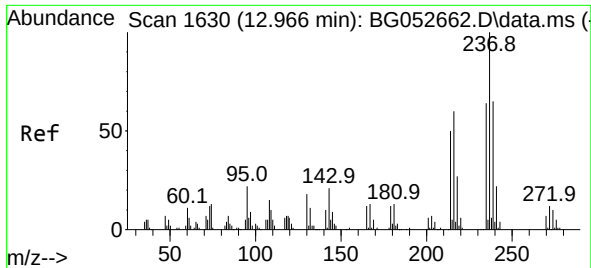
Tgt Ion:164 Resp: 96171
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 45.5 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.260 ng
RT: 12.969 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:216 Resp: 138991
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.6
179 20.0 15.7 23.5
108 19.9 13.2 19.8#

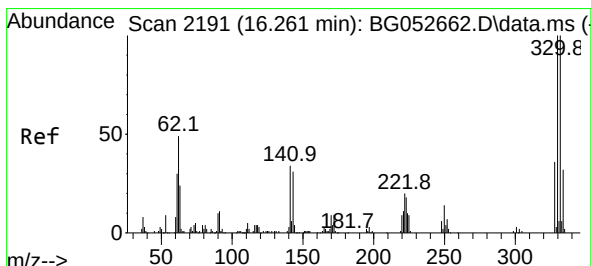
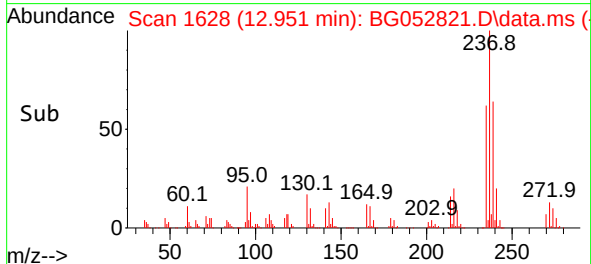
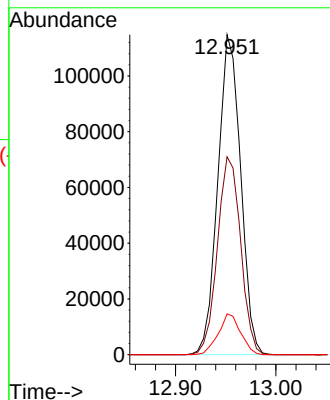
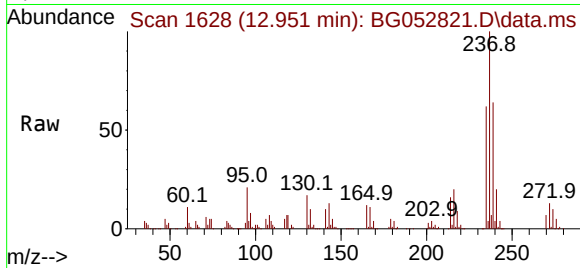




#41
Hexachlorocyclopentadiene
Concen: 101.547 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

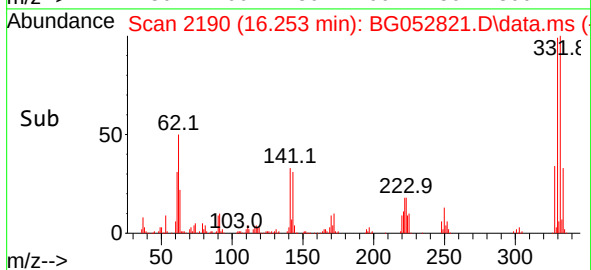
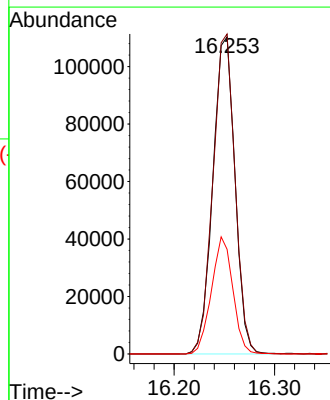
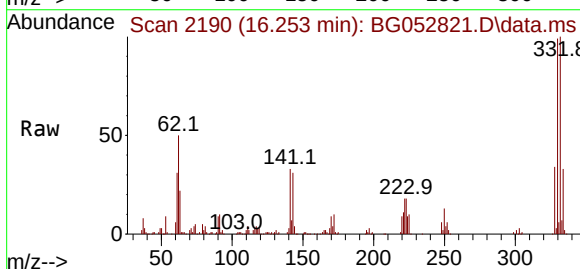
Instrument :
BNA_G
ClientSampleId :
MHBMS

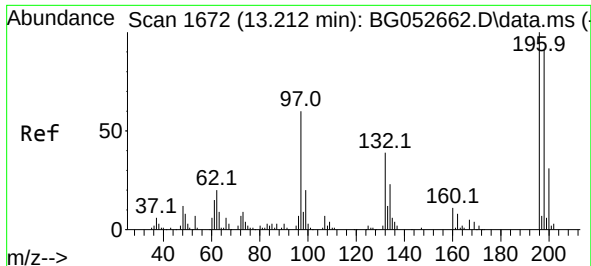
Tgt Ion:237 Resp: 180852
Ion Ratio Lower Upper
237 100
235 61.9 37.7 77.7
272 12.7 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 130.657 ng
RT: 16.253 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:330 Resp: 168845
Ion Ratio Lower Upper
330 100
332 100.6 75.8 113.6
141 35.8 24.6 36.8

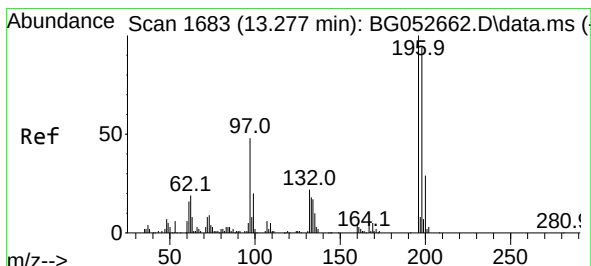
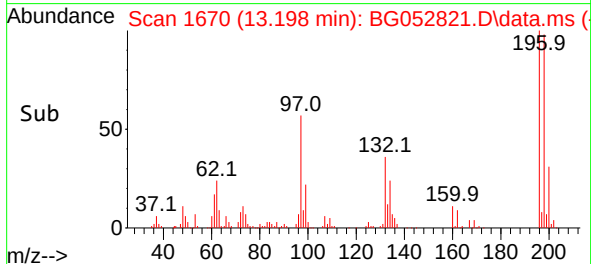
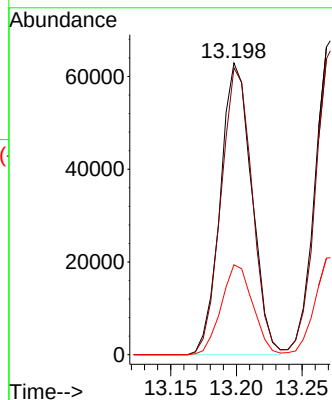
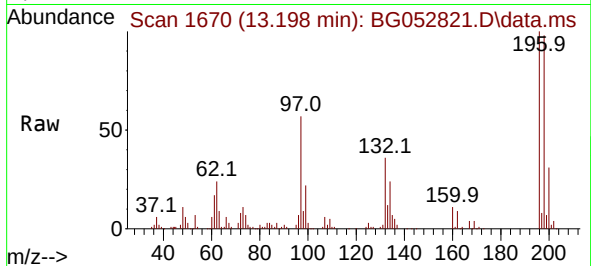




#43
2,4,6-Trichlorophenol
Concen: 54.400 ng
RT: 13.198 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

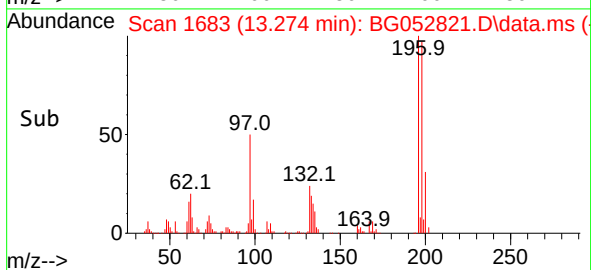
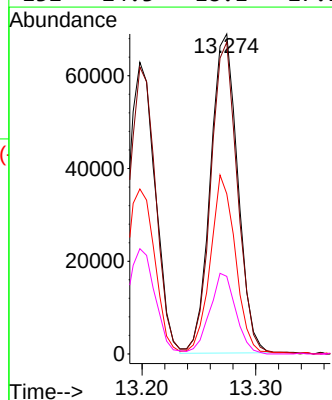
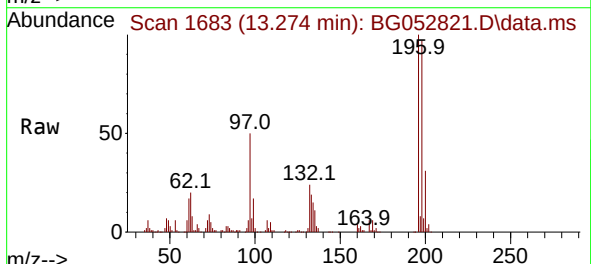
Instrument :
BNA_G
ClientSampleId :
MHBMS

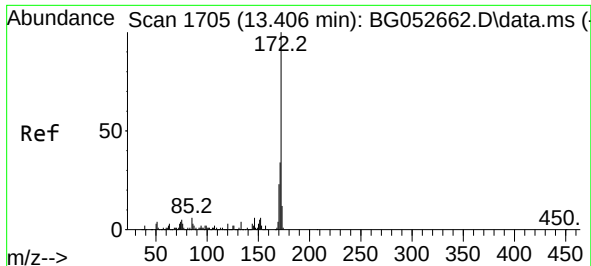
Tgt Ion:196 Resp: 104672
Ion Ratio Lower Upper
196 100
198 98.4 78.8 118.2
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 58.714 ng
RT: 13.274 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:196 Resp: 114667
Ion Ratio Lower Upper
196 100
198 97.4 75.8 113.6
97 50.1 36.5 54.7
132 24.3 18.1 27.1

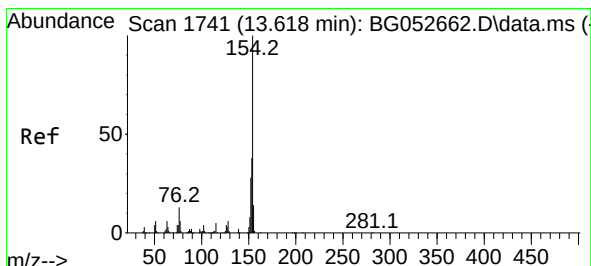
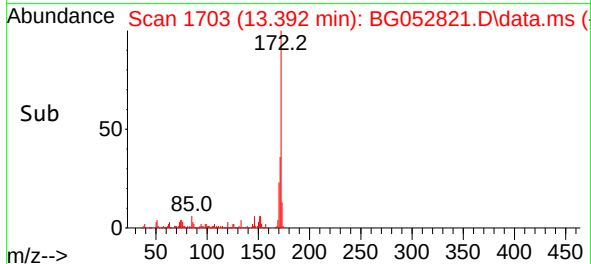
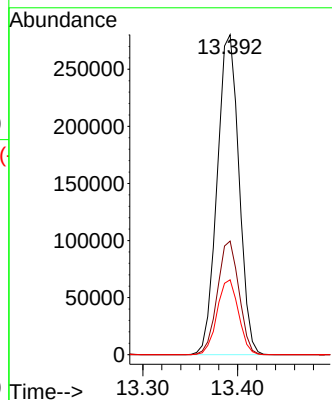
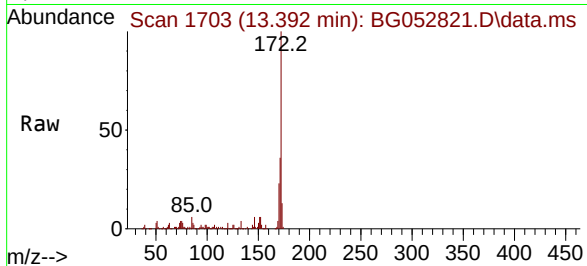




#45
2-Fluorobiphenyl
Concen: 68.713 ng
RT: 13.392 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

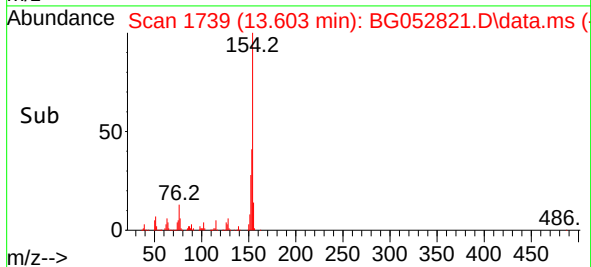
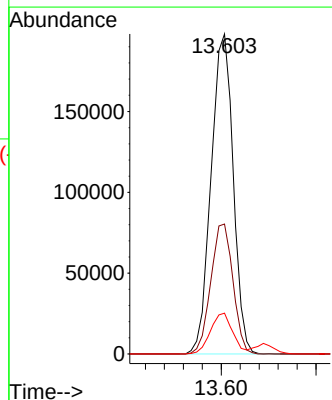
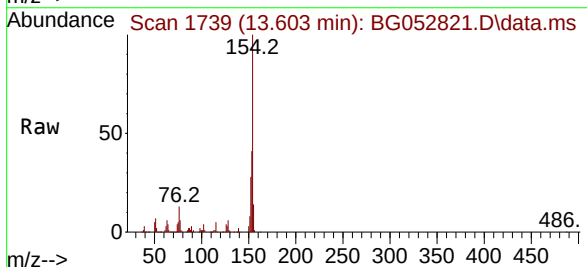
Instrument :
BNA_G
ClientSampleId :
MHBMS

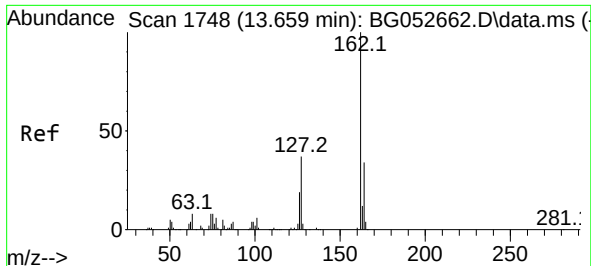
Tgt Ion:172 Resp: 448060
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.0 27.0



#46
1,1'-Biphenyl
Concen: 47.549 ng
RT: 13.603 min Scan# 1739
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:154 Resp: 319793
Ion Ratio Lower Upper
154 100
153 40.6 21.6 61.6
76 12.7 0.0 31.5

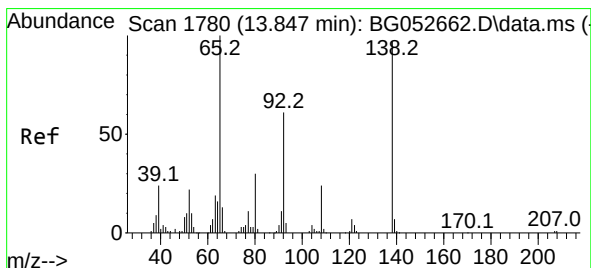
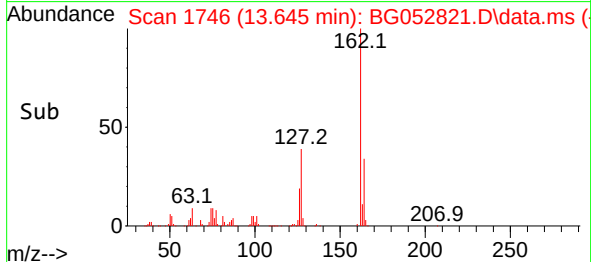
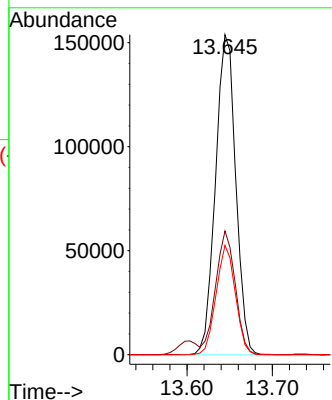
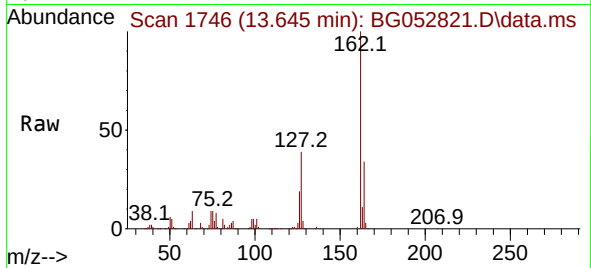




#47
2-Chloronaphthalene
Concen: 47.833 ng
RT: 13.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

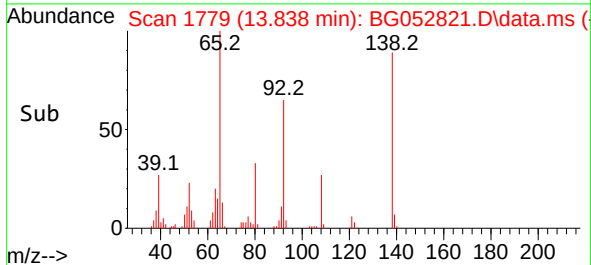
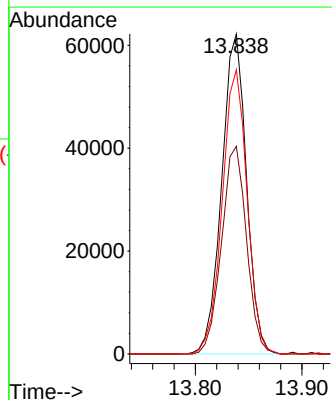
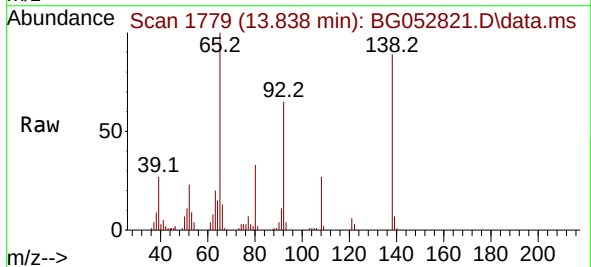
Instrument :
BNA_G
ClientSampleId :
MHBMS

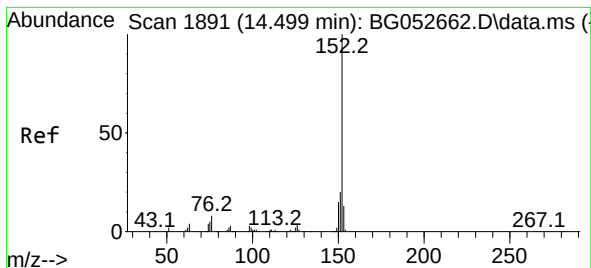
Tgt Ion:162 Resp: 253347
Ion Ratio Lower Upper
162 100
127 38.7 28.1 42.1
164 34.2 26.0 39.0



#48
2-Nitroaniline
Concen: 69.156 ng
RT: 13.838 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion: 65 Resp: 100175
Ion Ratio Lower Upper
65 100
92 64.9 52.1 78.1
138 88.8 80.1 120.1





#49

Acenaphthylene

Concen: 51.366 ng

RT: 14.490 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

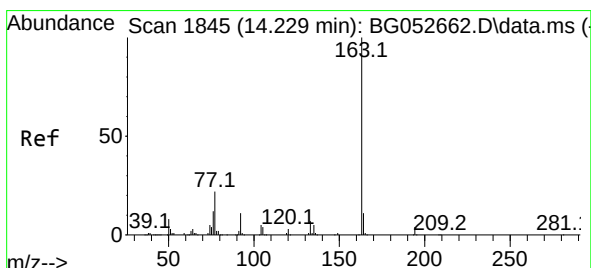
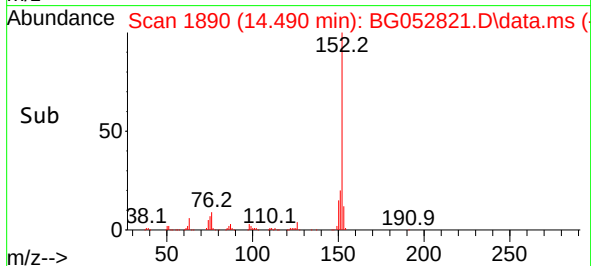
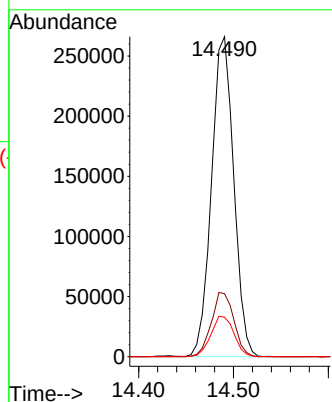
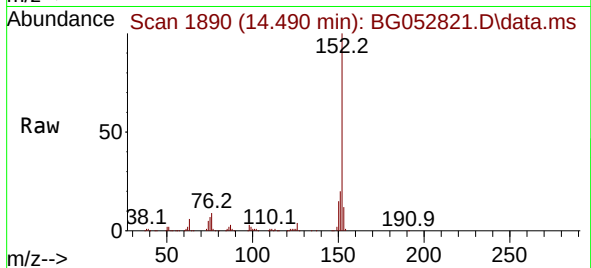
Tgt Ion:152 Resp: 433694

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 12.3 10.6 15.8



#50

Dimethylphthalate

Concen: 49.622 ng

RT: 14.214 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

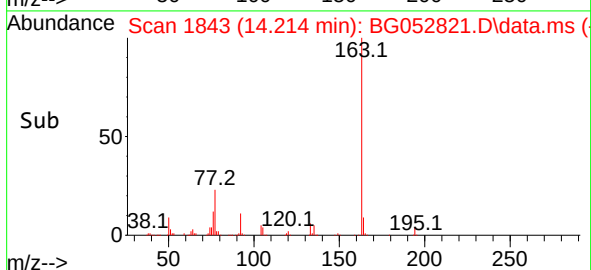
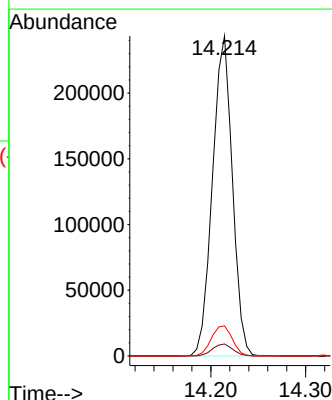
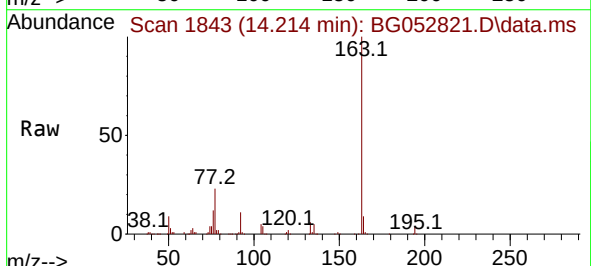
Tgt Ion:163 Resp: 354673

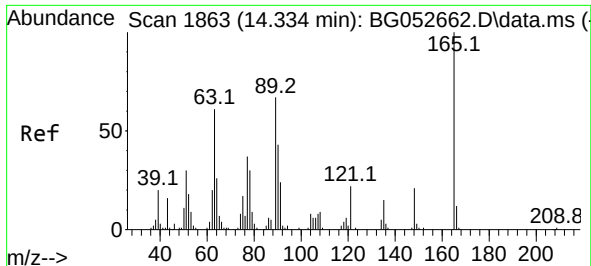
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.4 8.5 12.7

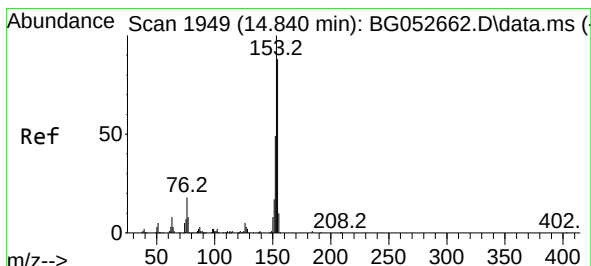
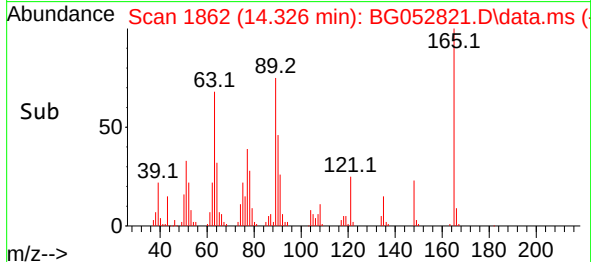
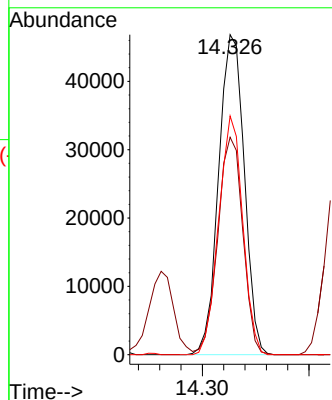
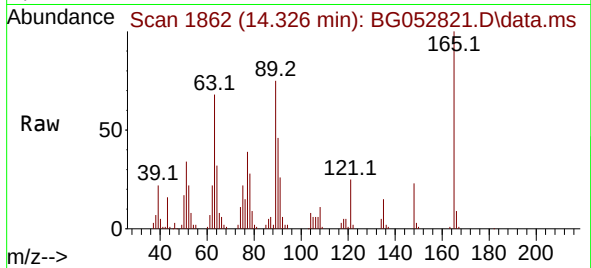




#51
2,6-Dinitrotoluene
Concen: 64.668 ng
RT: 14.326 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

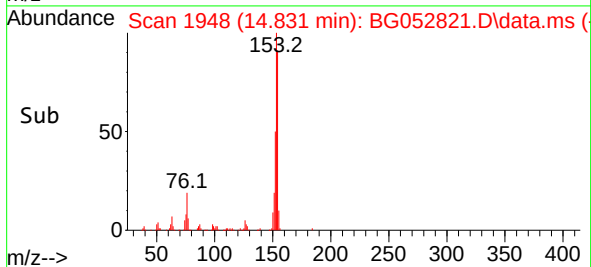
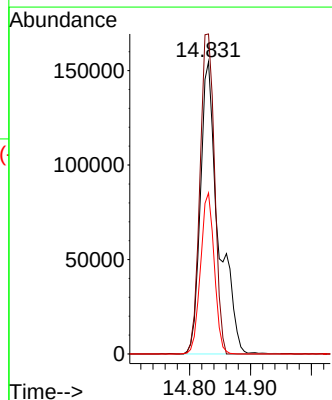
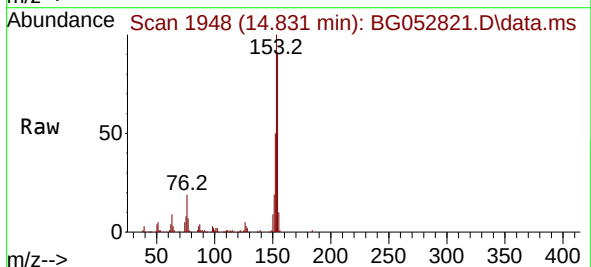
Instrument :
BNA_G
ClientSampleId :
MHBMS

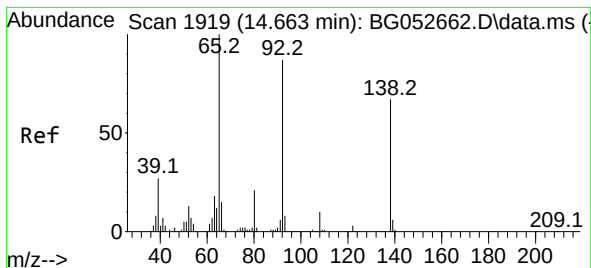
Tgt Ion:165 Resp: 78039
Ion Ratio Lower Upper
165 100
63 67.9 43.7 65.5#
89 74.6 45.0 67.4#



#52
Acenaphthene
Concen: 59.195 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:154 Resp: 320185
Ion Ratio Lower Upper
154 100
153 109.5 89.0 133.4
152 55.1 40.5 60.7

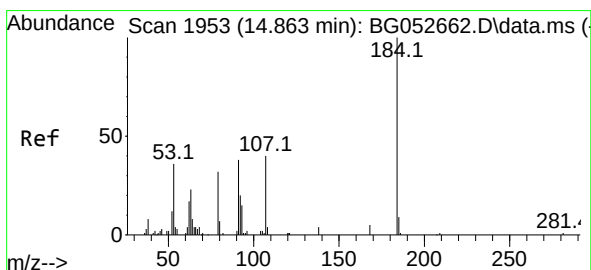
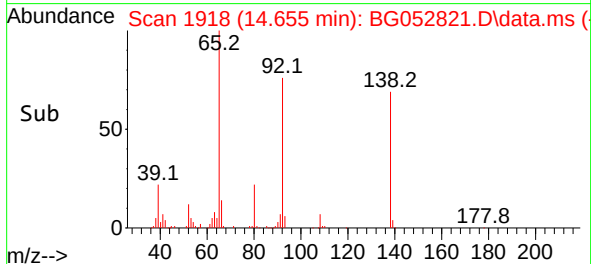
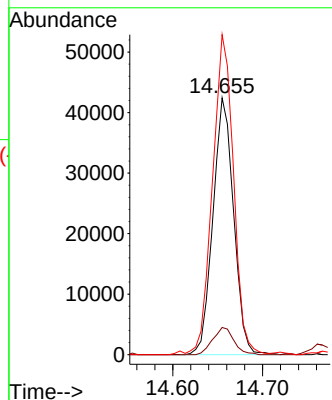
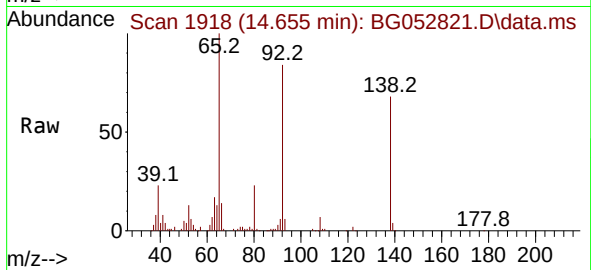




#53
3-Nitroaniline
Concen: 48.030 ng
RT: 14.655 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

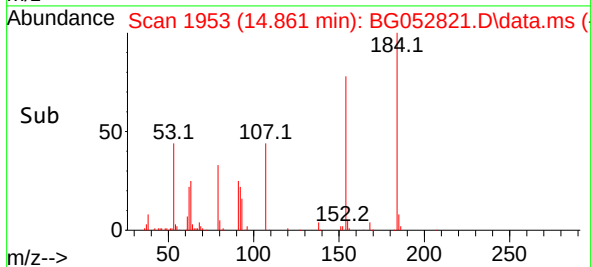
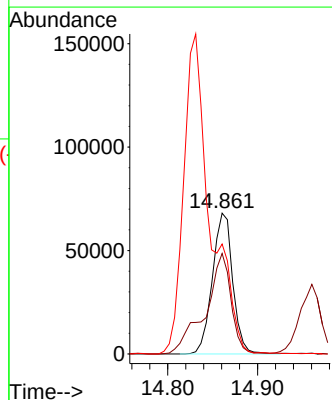
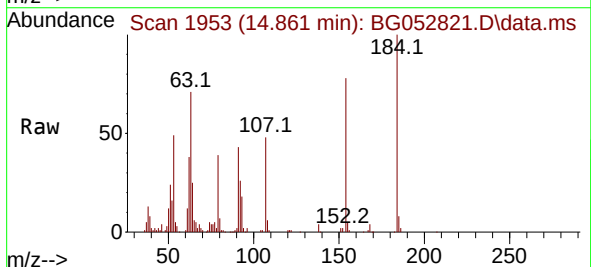
Instrument :
BNA_G
ClientSampleId :
MHBMS

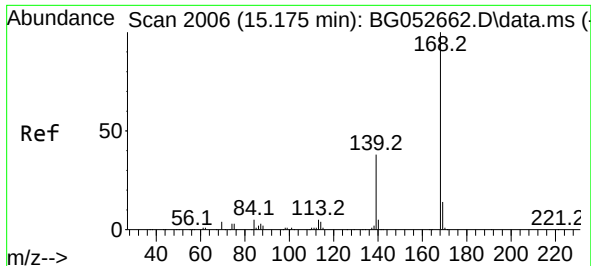
Tgt Ion:138 Resp: 67824
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 124.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 162.758 ng
RT: 14.861 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:184 Resp: 107062
Ion Ratio Lower Upper
184 100
63 71.4 51.8 77.6
154 78.1 47.8 71.6#

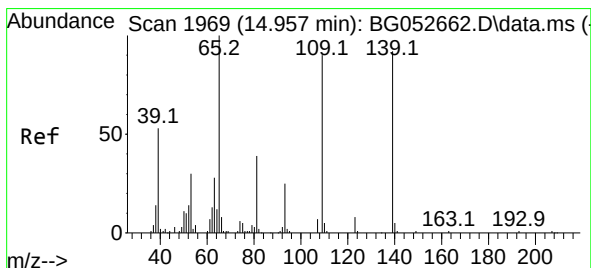
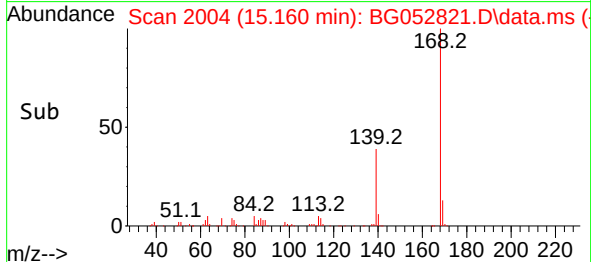
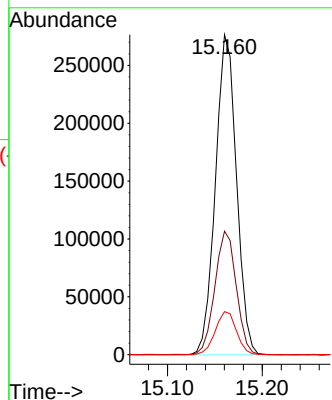
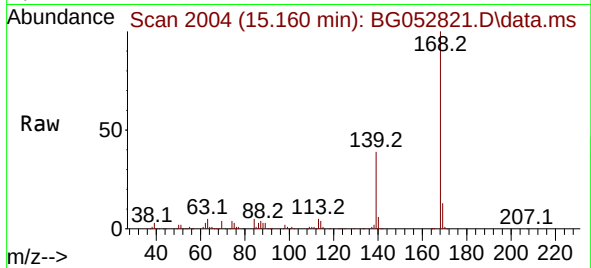




#55
Dibenzenofuran
Concen: 48.268 ng
RT: 15.160 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

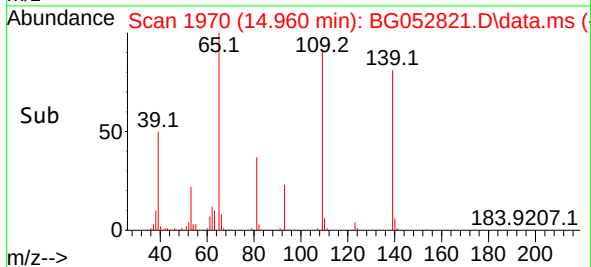
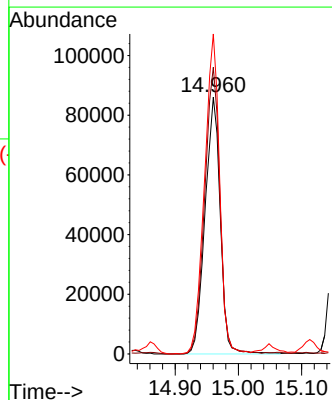
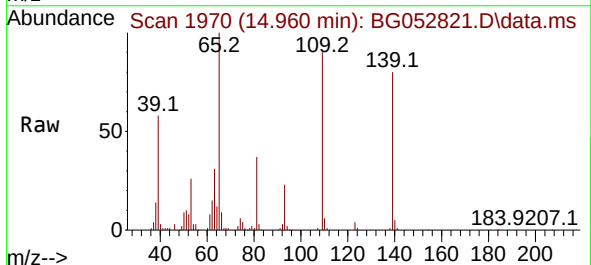
Instrument :
BNA_G
ClientSampleId :
MHBMS

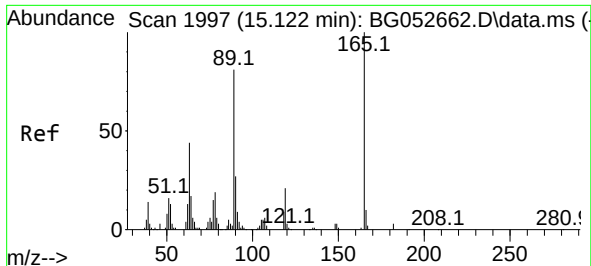
Tgt Ion:168 Resp: 426357
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 124.527 ng
RT: 14.960 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:139 Resp: 143441
Ion Ratio Lower Upper
139 100
109 111.7 67.1 107.1#
65 124.6 88.2 128.2

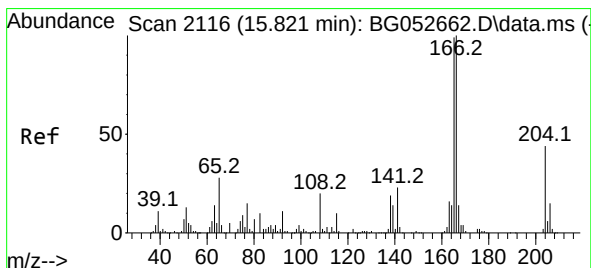
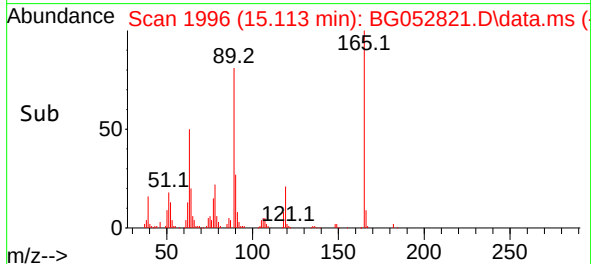
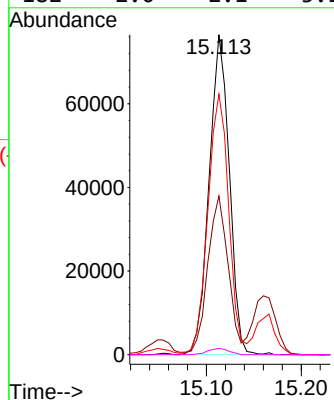
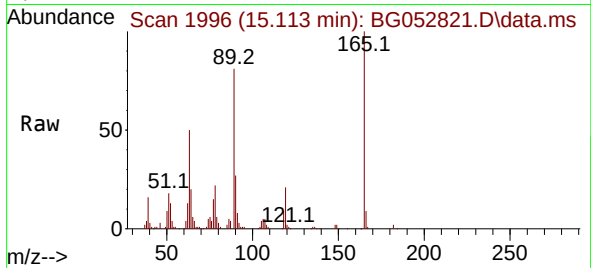




#57
2,4-Dinitrotoluene
Concen: 67.635 ng
RT: 15.113 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

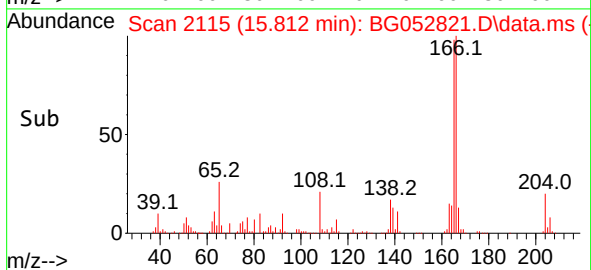
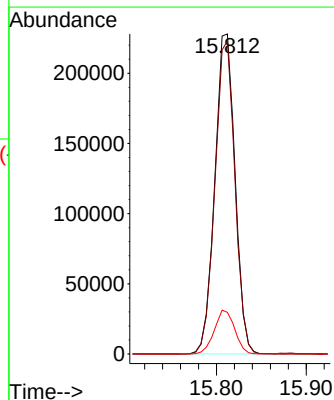
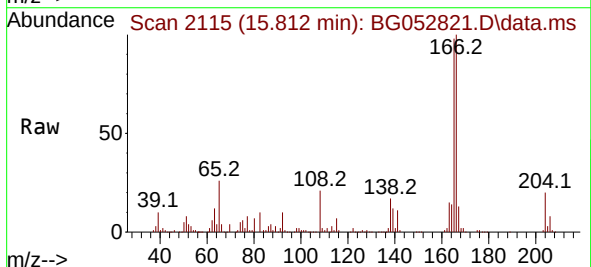
Instrument :
BNA_G
ClientSampleId :
MHBMS

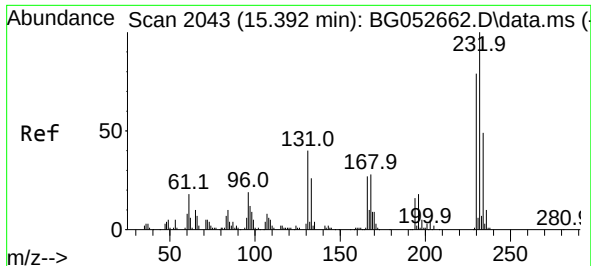
Tgt Ion:165 Resp: 113248
Ion Ratio Lower Upper
165 100
63 49.6 34.8 52.2
89 81.4 57.4 86.0
182 2.0 2.1 3.1#



#58
Fluorene
Concen: 49.518 ng
RT: 15.812 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:166 Resp: 356547
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 13.0 10.9 16.3

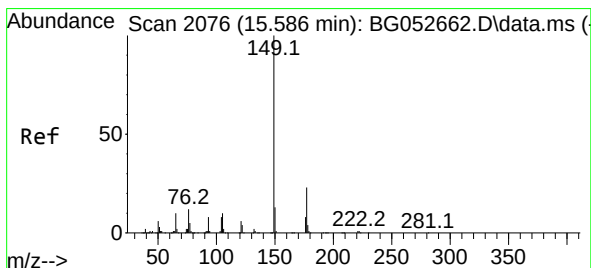
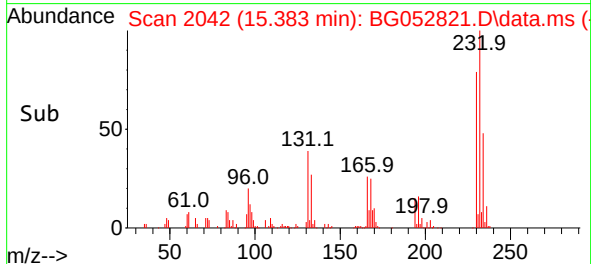
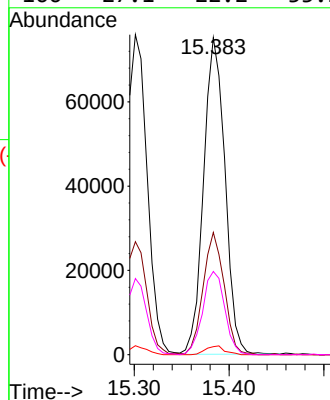
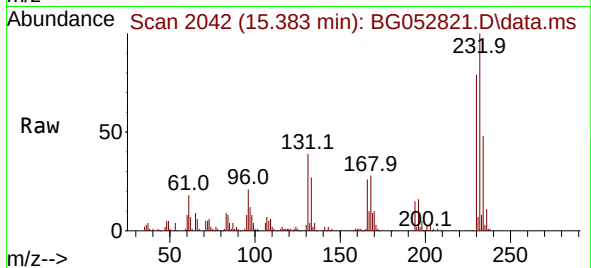




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.409 ng
RT: 15.383 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

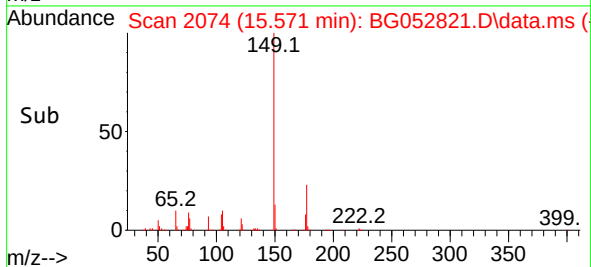
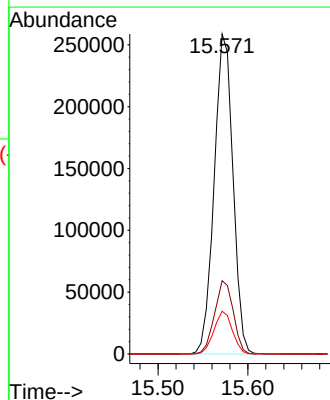
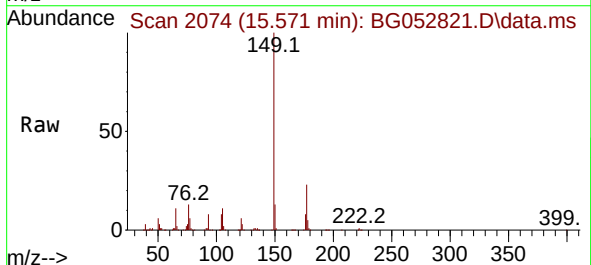
Instrument :
BNA_G
ClientSampleId :
MHBMS

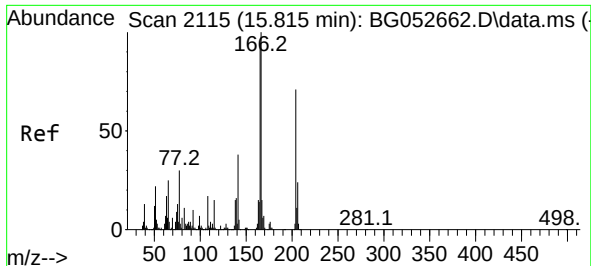
Tgt Ion:232 Resp: 117752
Ion Ratio Lower Upper
232 100
131 38.0 30.1 45.1
130 2.5 1.8 2.8
166 27.1 22.2 33.2



#60
Diethylphthalate
Concen: 49.758 ng
RT: 15.571 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:149 Resp: 375412
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 13.4 9.9 14.9

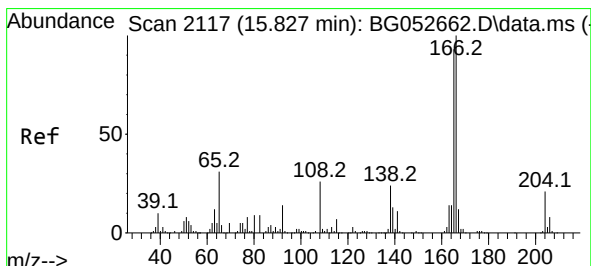
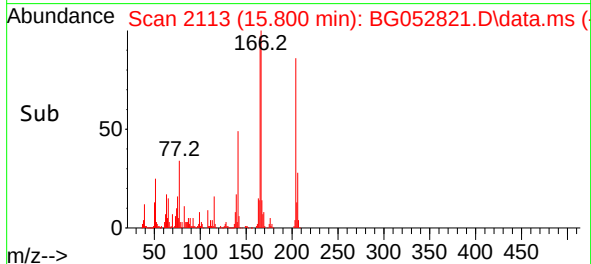
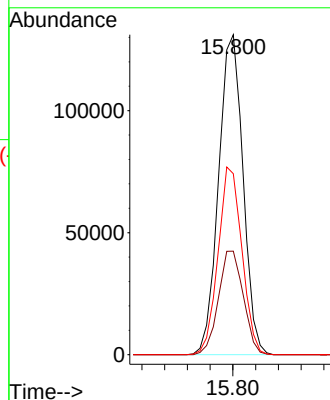
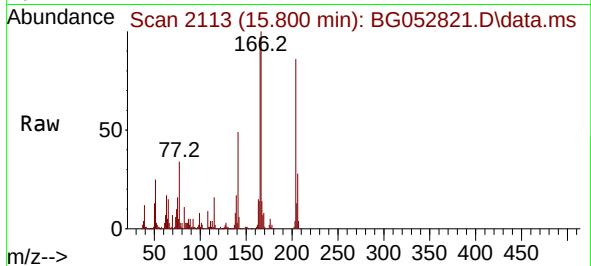




#61
4-Chlorophenyl-phenylether
Concen: 49.180 ng
RT: 15.800 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

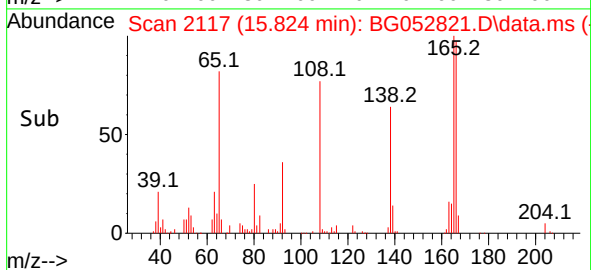
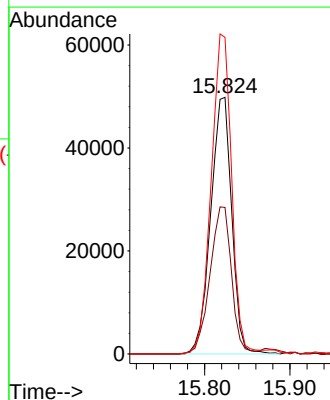
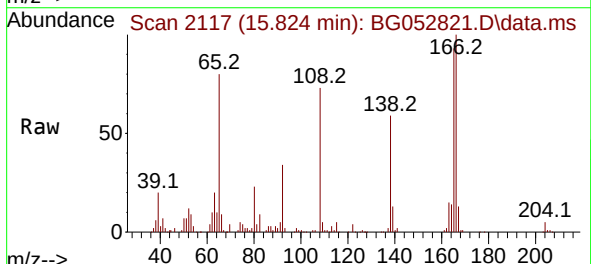
Instrument :
BNA_G
ClientSampleId :
MHBMS

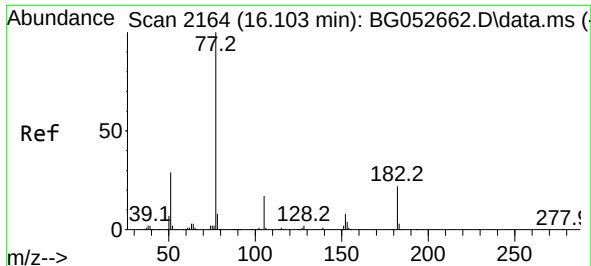
Tgt Ion:204 Resp: 195291
Ion Ratio Lower Upper
204 100
206 32.4 28.3 42.5
141 56.6 45.8 68.8



#62
4-Nitroaniline
Concen: 57.138 ng
RT: 15.824 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:138 Resp: 85255
Ion Ratio Lower Upper
138 100
92 57.1 33.3 73.3
108 123.4 74.2 114.2#

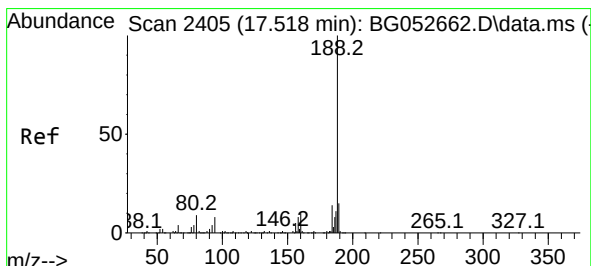
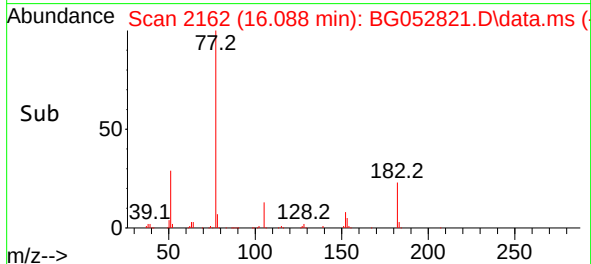
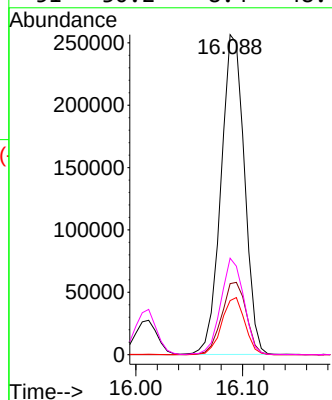
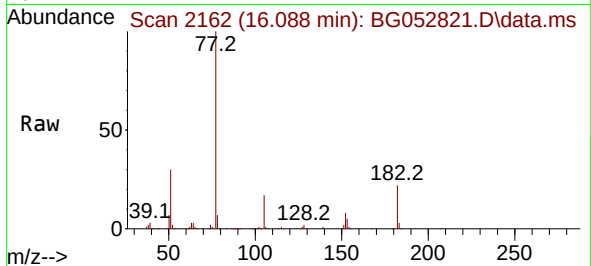




#63
 Azobenzene
 Concen: 48.591 ng
 RT: 16.088 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

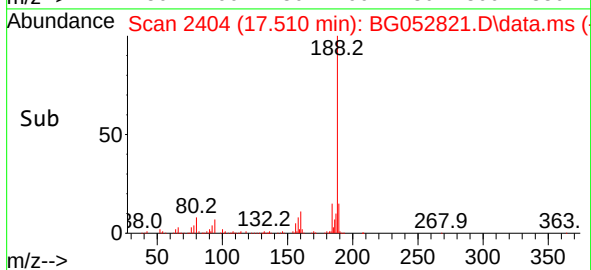
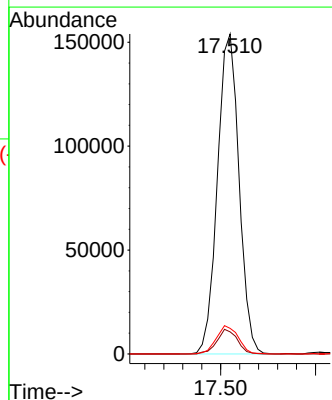
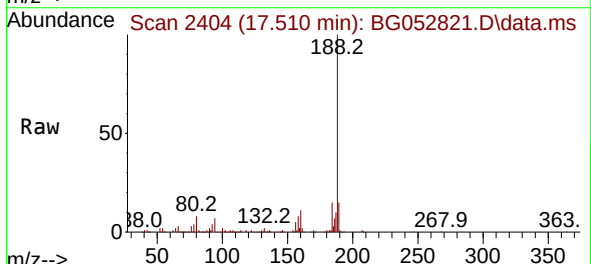
Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

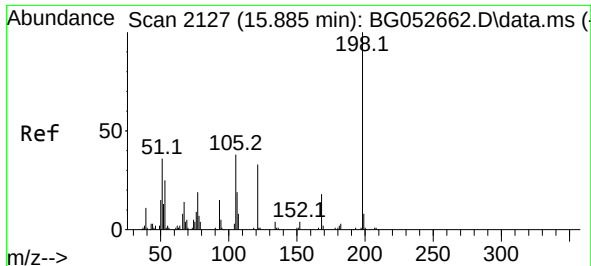
Tgt Ion: 77	Resp: 391840
Ion Ratio	Lower Upper
77 100	
182 22.2	5.6 45.6
105 16.9	0.0 38.8
51 30.2	8.4 48.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.510 min Scan# 2404
 Delta R.T. 0.006 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

Tgt Ion:188	Resp: 243515
Ion Ratio	Lower Upper
188 100	
94 6.9	5.7 8.5
80 8.0	7.2 10.8

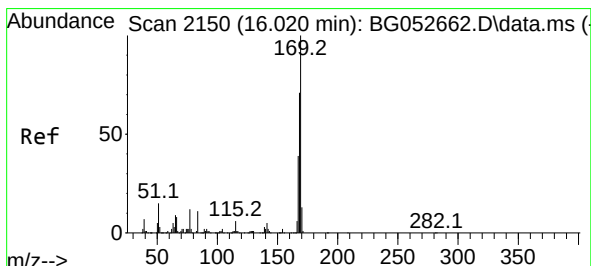
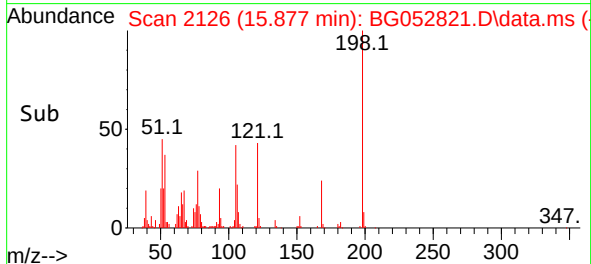
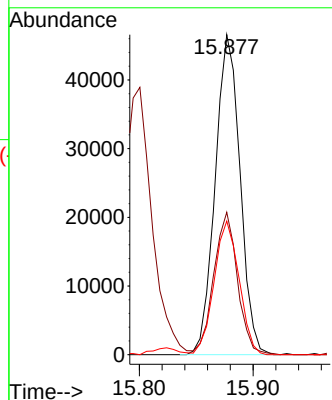
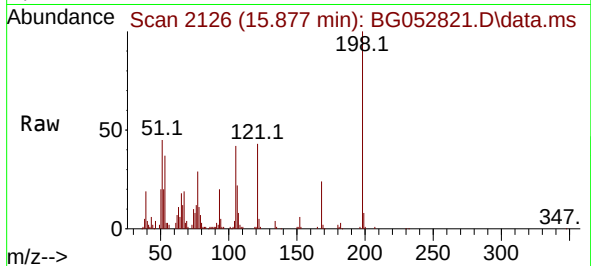




#65
4,6-Dinitro-2-methylphenol
Concen: 65.214 ng
RT: 15.877 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

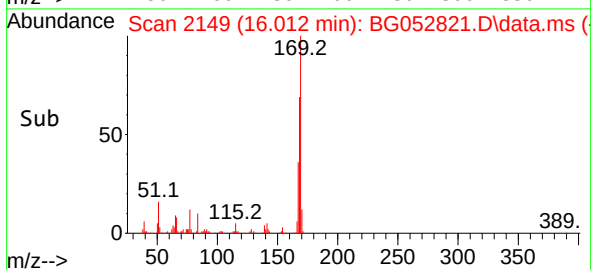
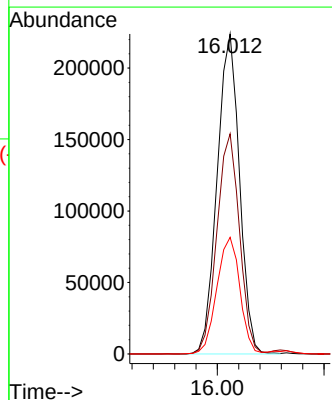
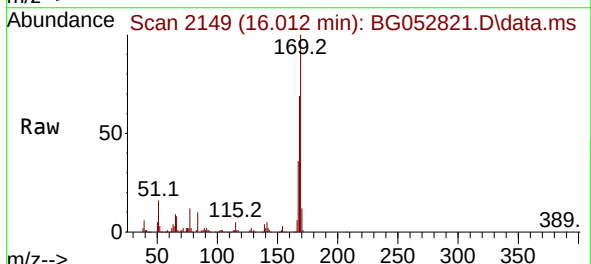
Instrument :
BNA_G
ClientSampleId :
MHBMS

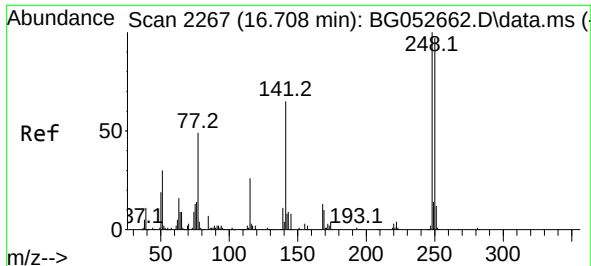
Tgt Ion:198 Resp: 70798
Ion Ratio Lower Upper
198 100
51 44.5 21.7 61.7
105 41.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 47.440 ng
RT: 16.012 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:169 Resp: 325238
Ion Ratio Lower Upper
169 100
168 68.8 54.5 81.7
167 36.4 29.6 44.4

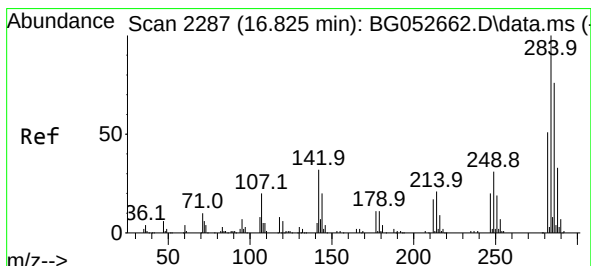
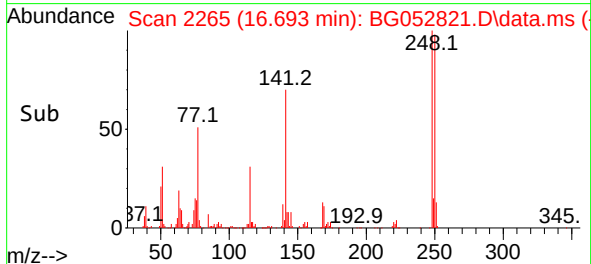
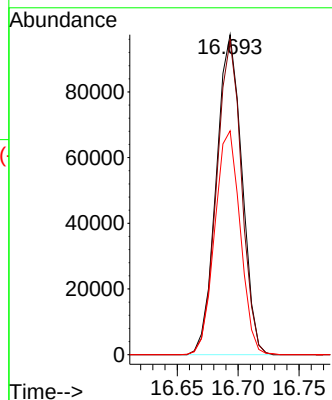
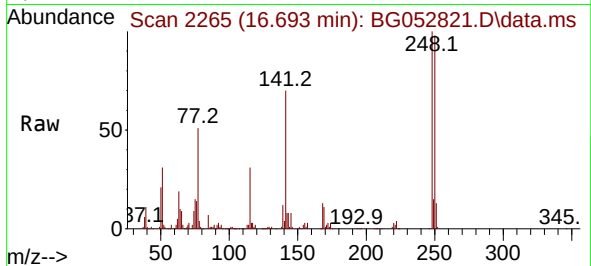




#67
4-Bromophenyl-phenylether
Concen: 48.527 ng
RT: 16.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

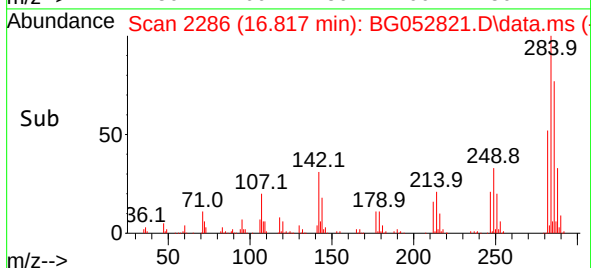
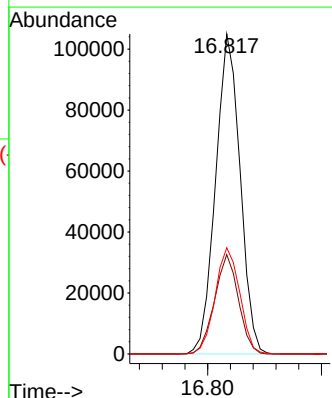
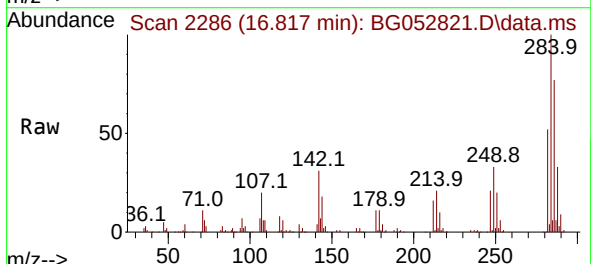
Instrument :
BNA_G
ClientSampleId :
MHBMS

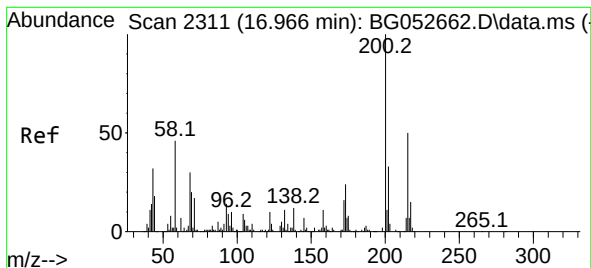
Tgt Ion:248 Resp: 142468
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 70.0 49.2 73.8



#68
Hexachlorobenzene
Concen: 49.679 ng
RT: 16.817 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:284 Resp: 156772
Ion Ratio Lower Upper
284 100
142 31.0 21.0 31.4
249 33.2 22.7 34.1





#69

Atrazine

Concen: 54.888 ng

RT: 16.958 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

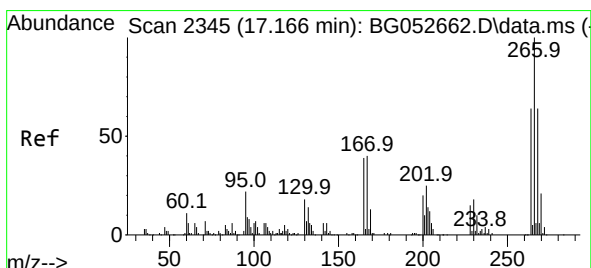
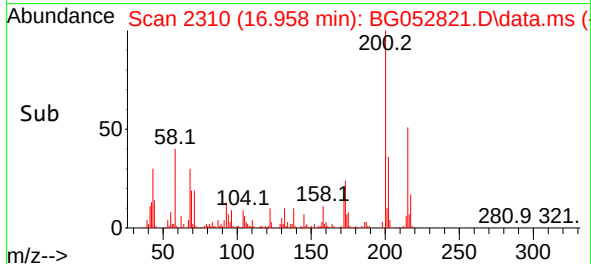
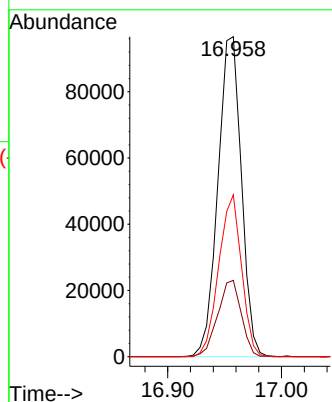
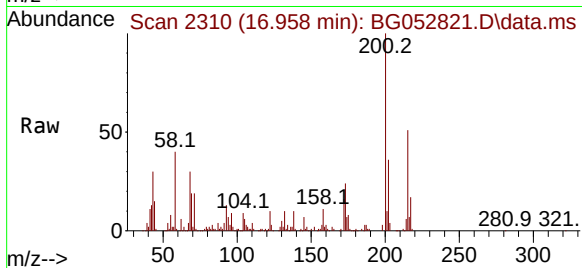
Tgt Ion:200 Resp: 138752

Ion Ratio Lower Upper

200 100

173 23.9 3.8 43.8

215 50.6 26.3 66.3



#70

Pentachlorophenol

Concen: 105.610 ng

RT: 17.157 min Scan# 2344

Delta R.T. 0.006 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

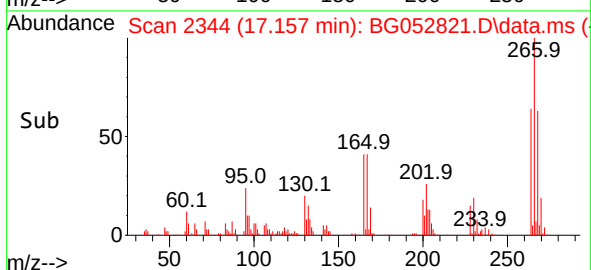
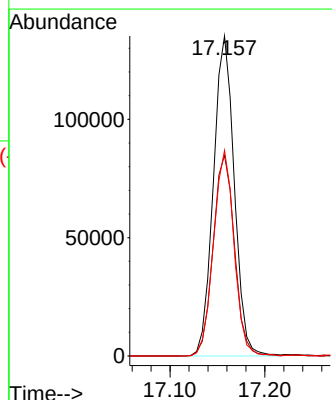
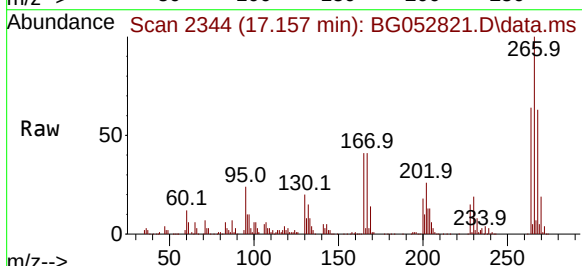
Tgt Ion:266 Resp: 206759

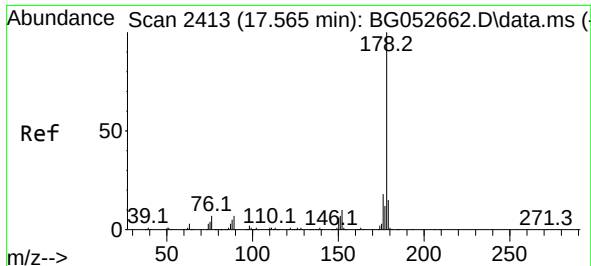
Ion Ratio Lower Upper

266 100

268 62.7 45.9 68.9

264 64.3 45.3 67.9

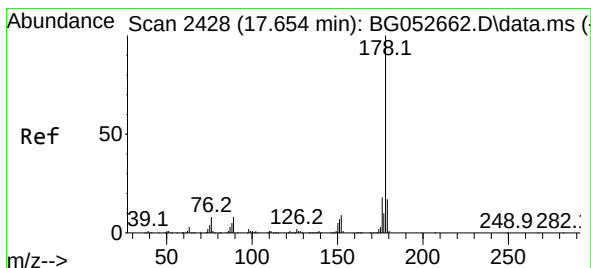
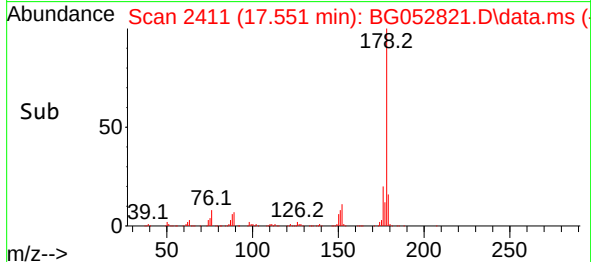
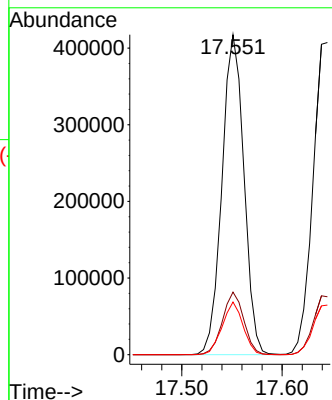
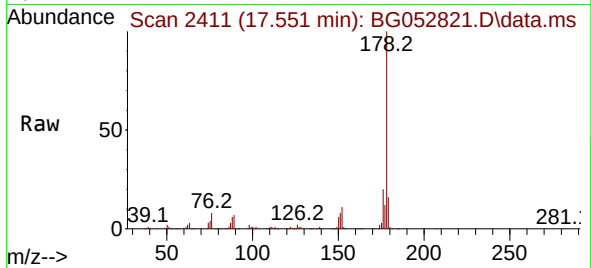




#71
Phenanthrene
Concen: 48.578 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

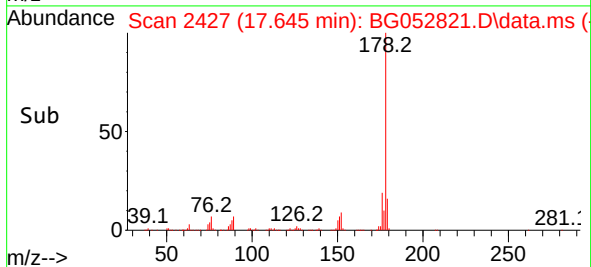
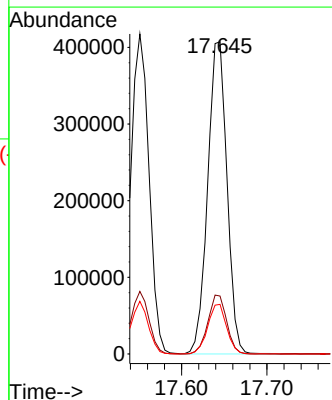
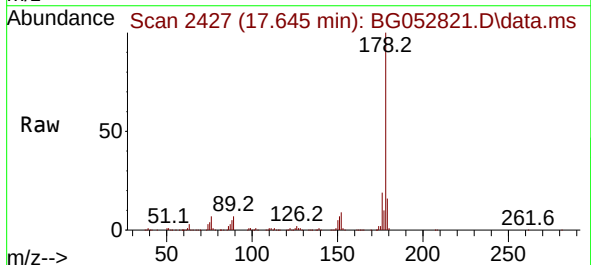
Instrument :
BNA_G
ClientSampleId :
MHBMS

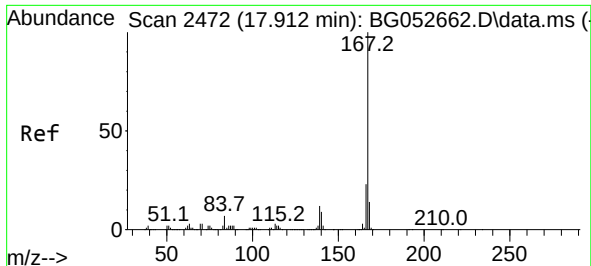
Tgt Ion:178 Resp: 632840
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.5 13.4 20.2



#72
Anthracene
Concen: 49.717 ng
RT: 17.645 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:178 Resp: 640269
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.9 13.2 19.8

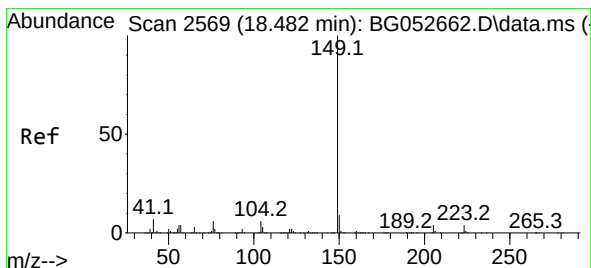
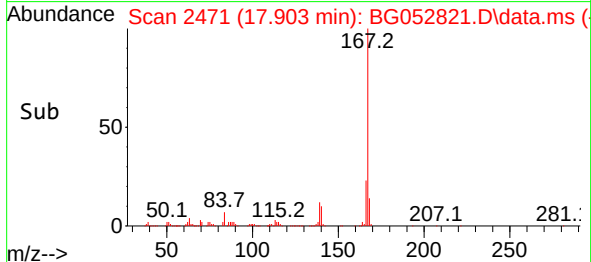
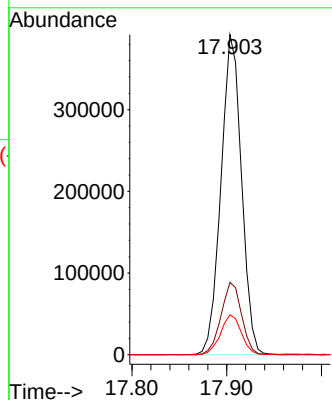
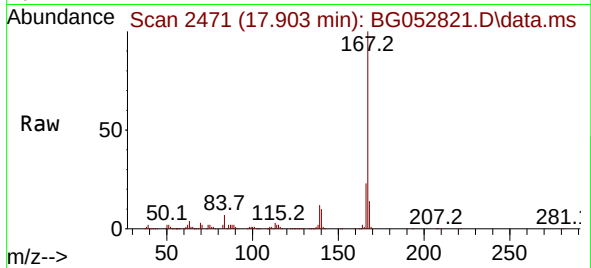




#73
 Carbazole
 Concen: 46.238 ng
 RT: 17.903 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

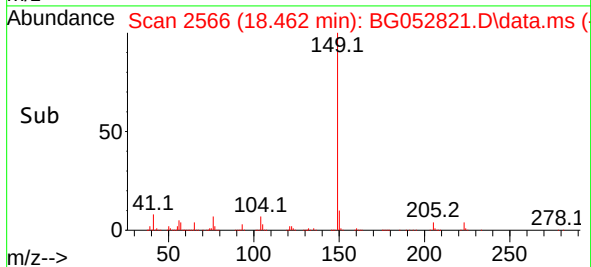
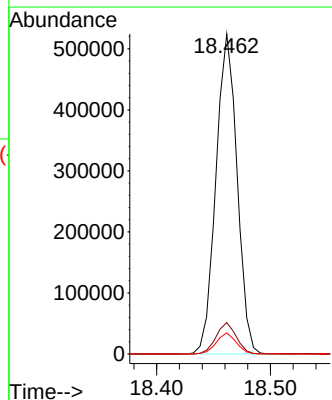
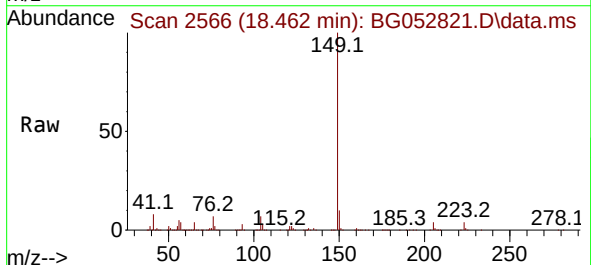
Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

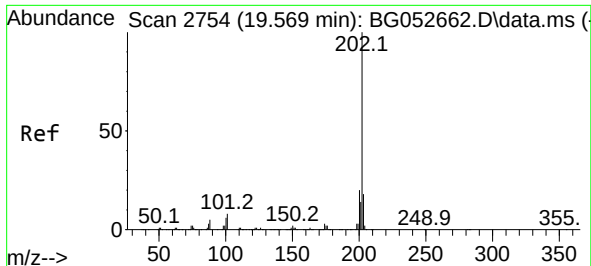
Tgt Ion:167 Resp: 589752
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.5 27.7
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.676 ng
 RT: 18.462 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

Tgt Ion:149 Resp: 678241
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.0 10.6
 104 6.6 4.6 7.0

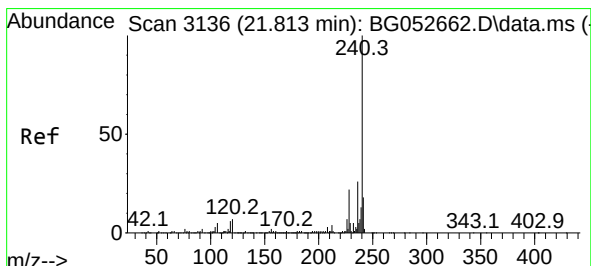
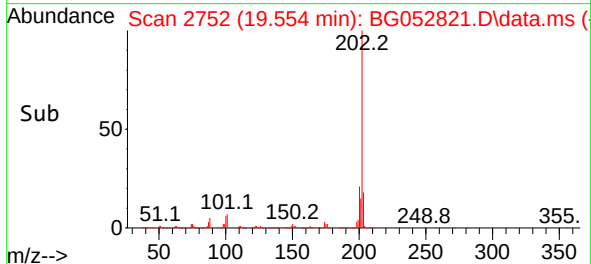
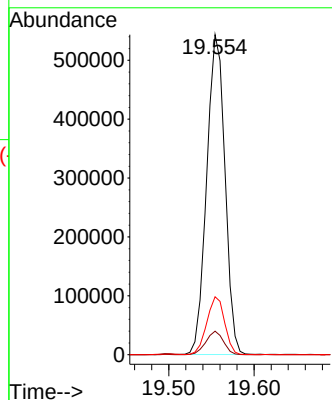
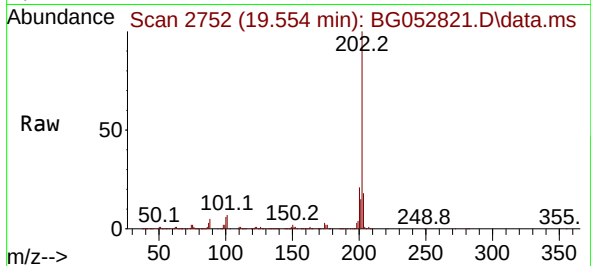




#75
Fluoranthene
Concen: 48.865 ng
RT: 19.554 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

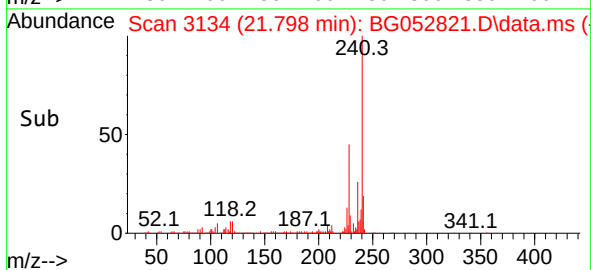
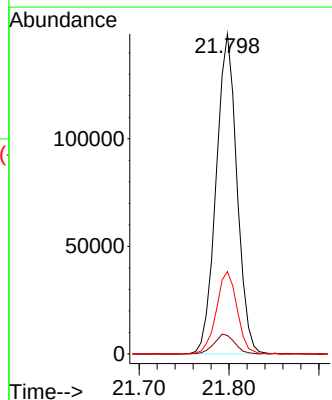
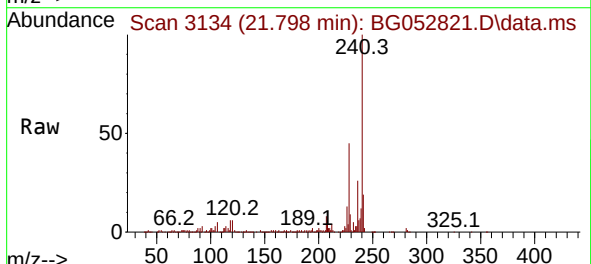
Instrument :
BNA_G
ClientSampleId :
MHBMS

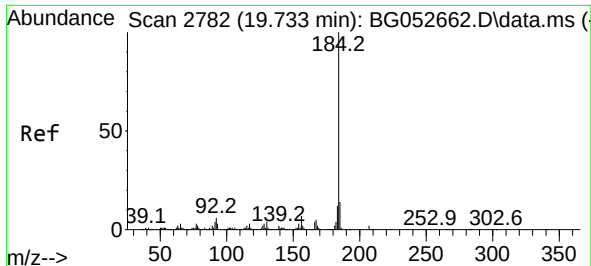
Tgt Ion:202 Resp: 808065
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:240 Resp: 239195
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 25.8 19.8 29.6

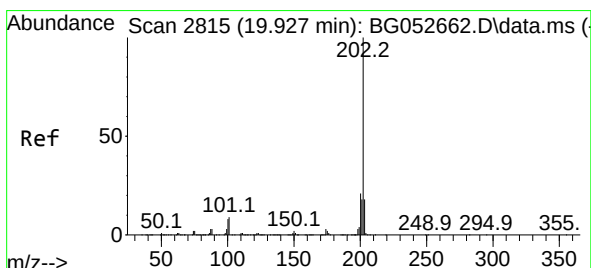
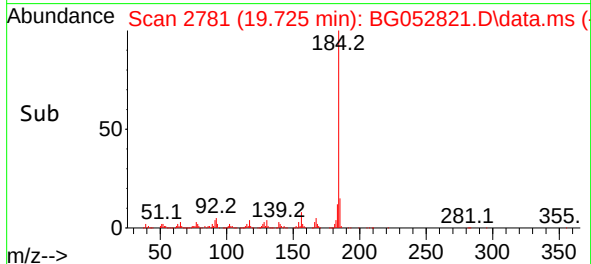
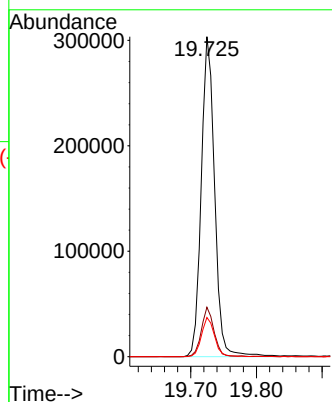
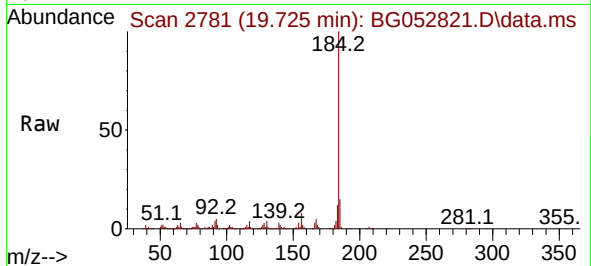




#77
Benzidine
Concen: 69.830 ng
RT: 19.725 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

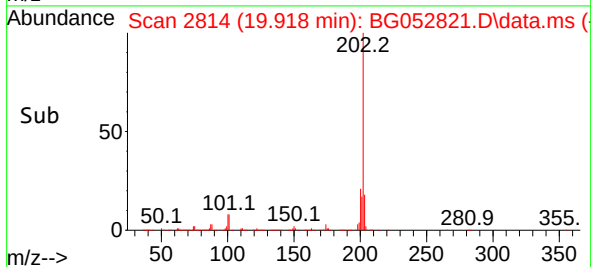
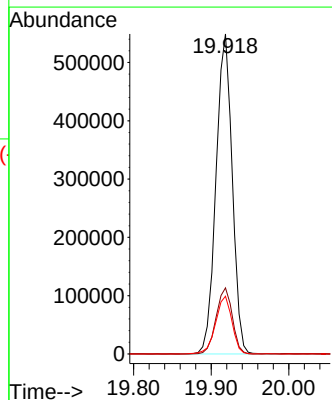
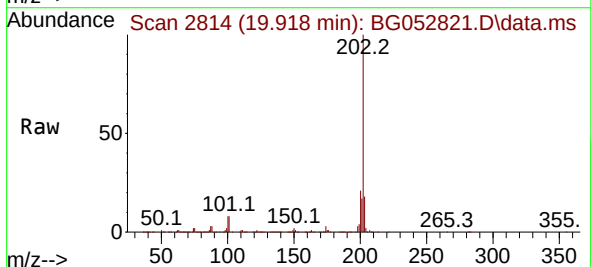
Instrument :
BNA_G
ClientSampleId :
MHBMS

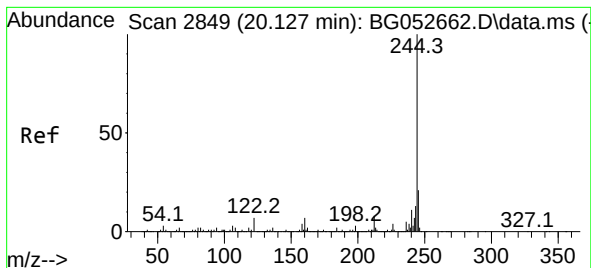
Tgt Ion:184 Resp: 430802
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 12.2 9.4 14.2



#78
Pyrene
Concen: 48.037 ng
RT: 19.918 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:202 Resp: 797029
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 18.1 15.0 22.6





#79

Terphenyl-d14

Concen: 67.101 ng

RT: 20.112 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

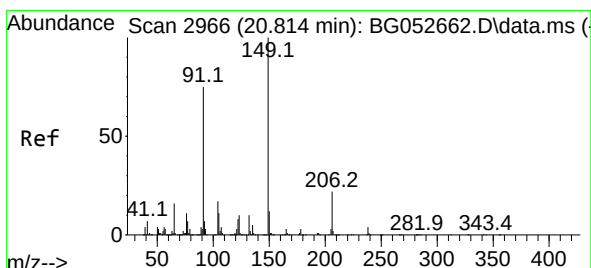
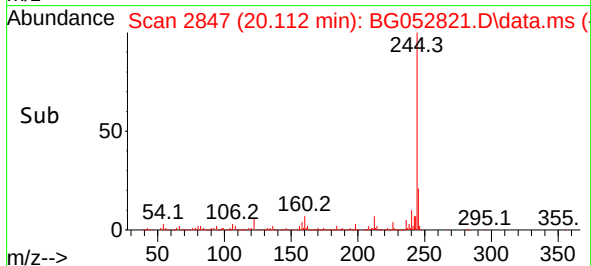
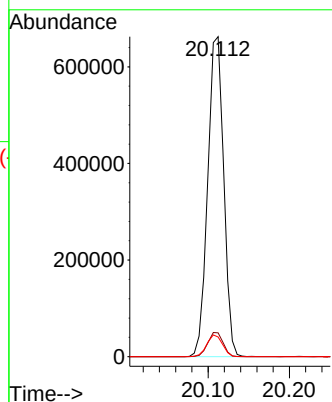
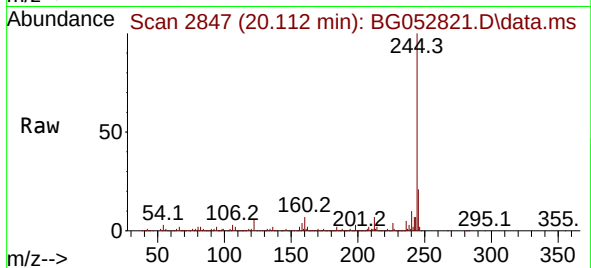
Tgt Ion:244 Resp: 902278

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 6.2 5.8 8.6



#80

Butylbenzylphthalate

Concen: 50.680 ng

RT: 20.794 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

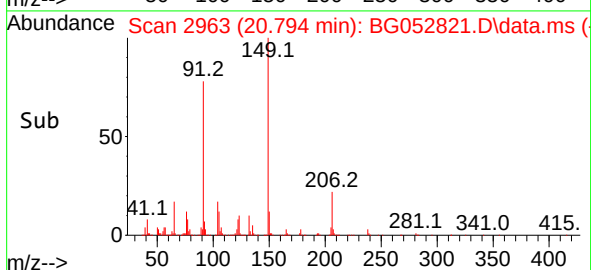
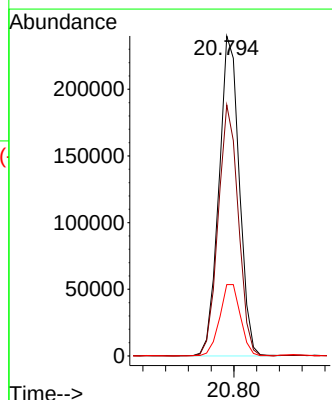
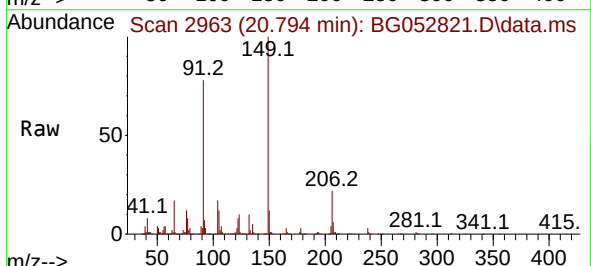
Tgt Ion:149 Resp: 298286

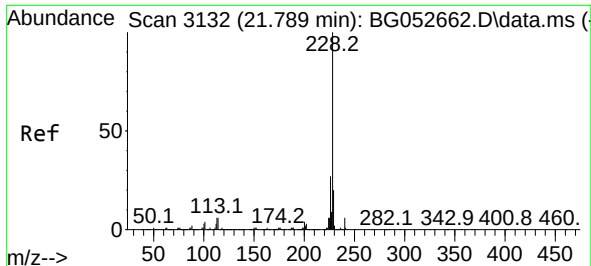
Ion Ratio Lower Upper

149 100

91 78.5 60.2 90.4

206 22.3 19.4 29.2

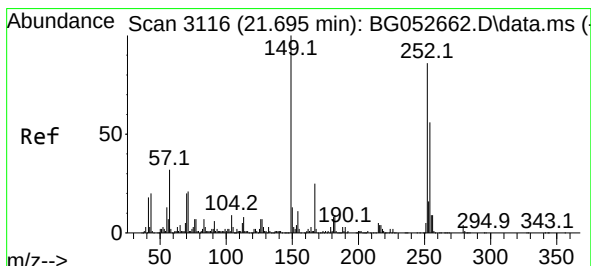
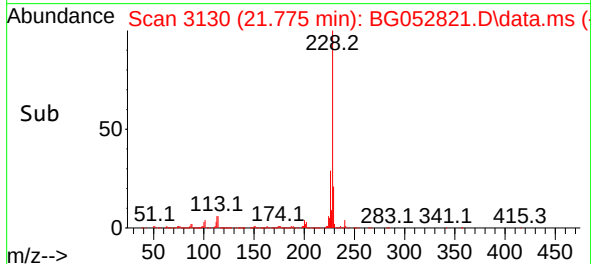
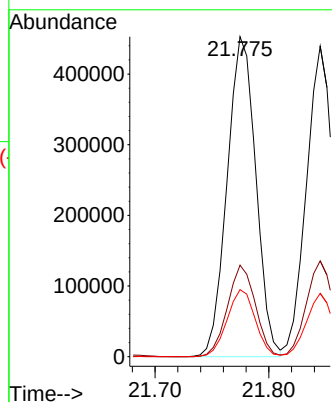
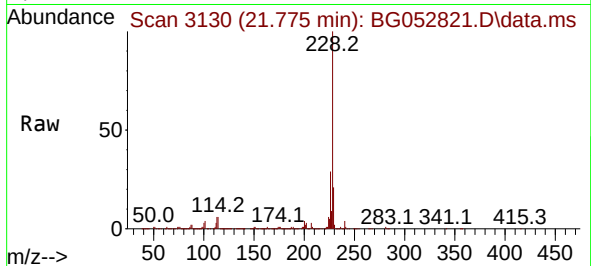




#81
Benzo(a)anthracene
Concen: 49.646 ng
RT: 21.775 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

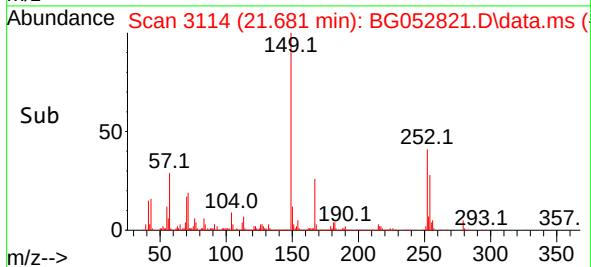
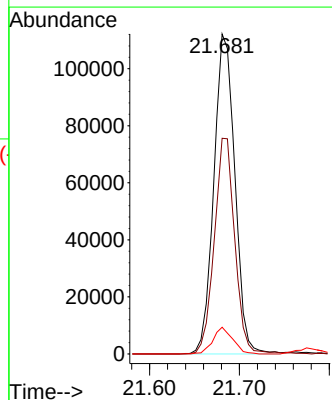
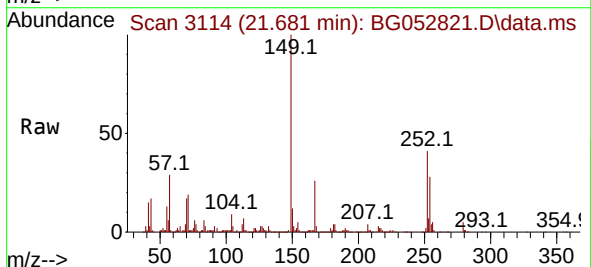
Instrument :
BNA_G
ClientSampleId :
MHBMS

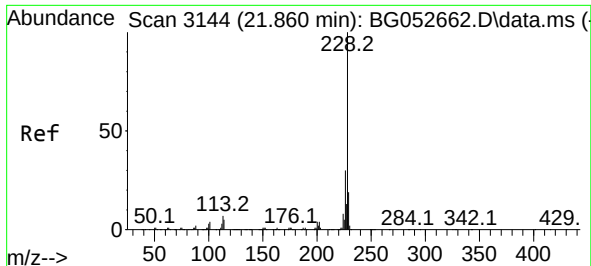
Tgt Ion:228 Resp: 795169
Ion Ratio Lower Upper
228 100
226 28.6 21.4 32.0
229 21.0 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 32.203 ng
RT: 21.681 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:252 Resp: 182143
Ion Ratio Lower Upper
252 100
254 67.4 51.2 76.8
126 8.3 5.8 8.8

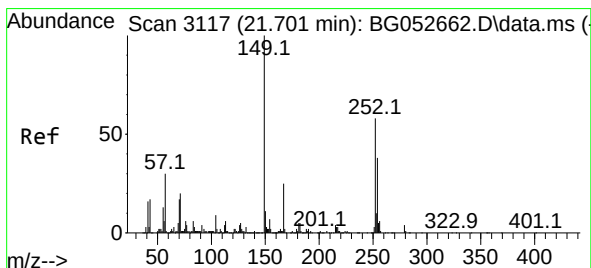
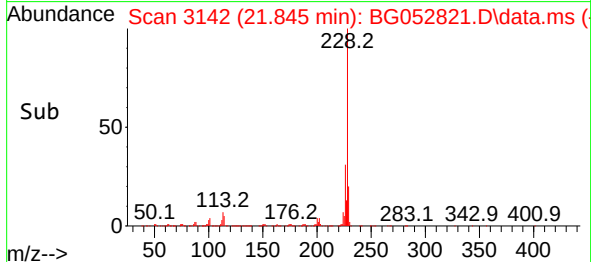
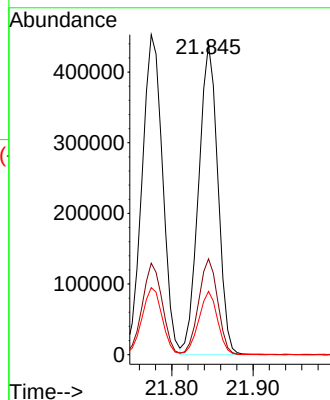
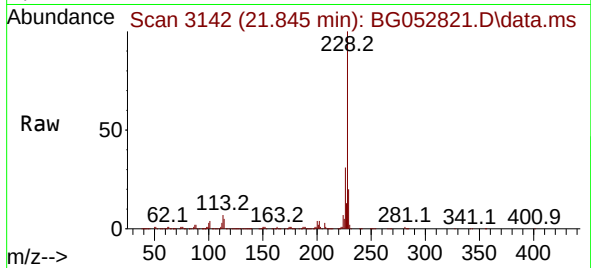




#83
Chrysene
Concen: 48.025 ng
RT: 21.845 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

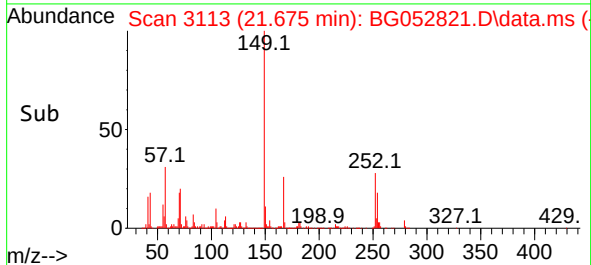
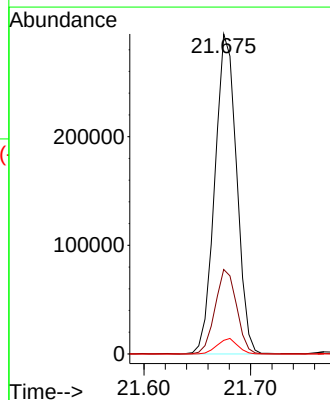
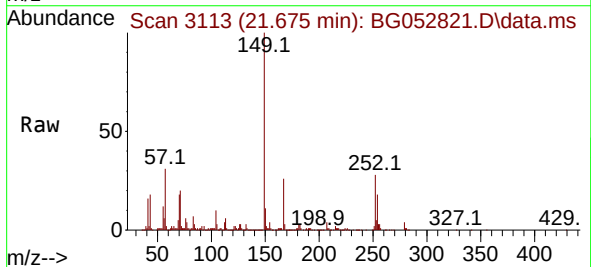
Instrument :
BNA_G
ClientSampleId :
MHBMS

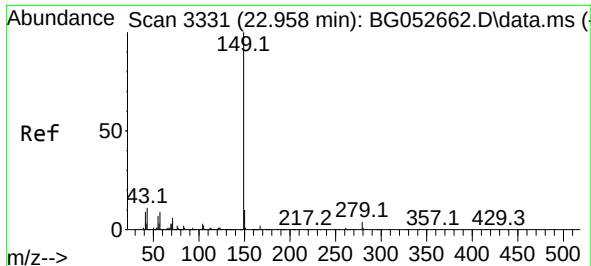
Tgt Ion:228 Resp: 723138
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.4 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.217 ng
RT: 21.675 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:149 Resp: 417958
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 4.2 3.8 5.8

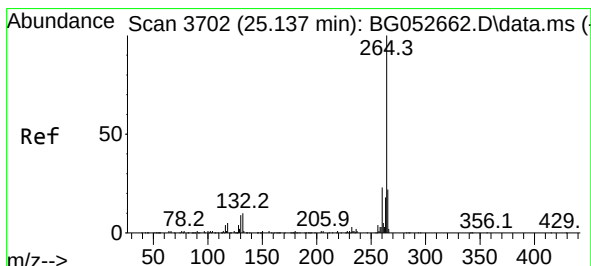
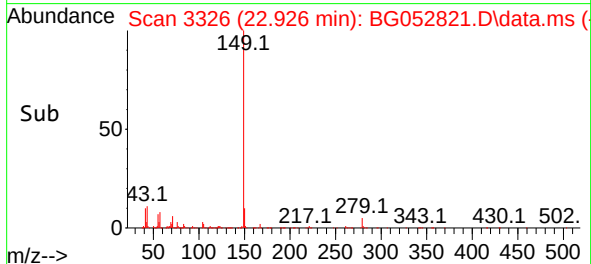
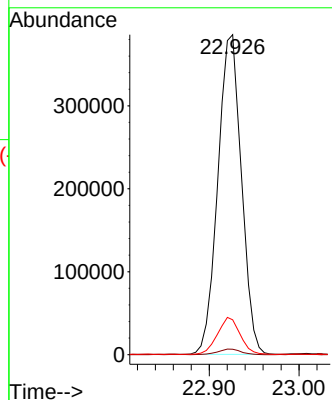
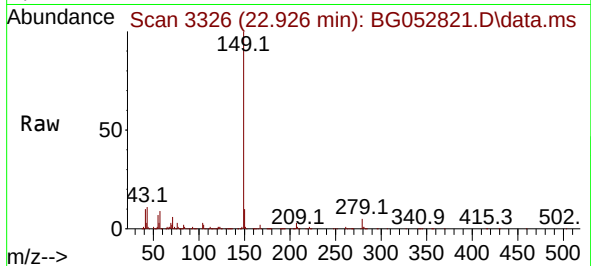




#85
Di-n-octyl phthalate
Concen: 52.687 ng
RT: 22.926 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

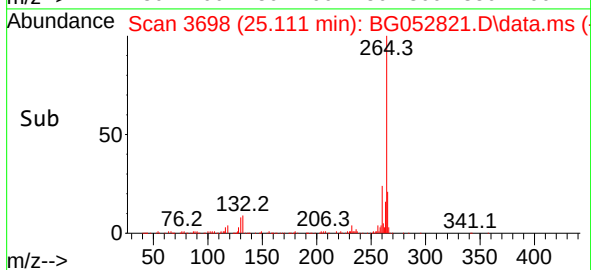
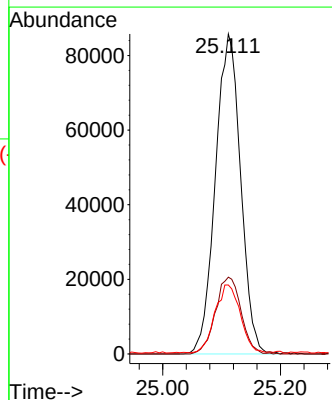
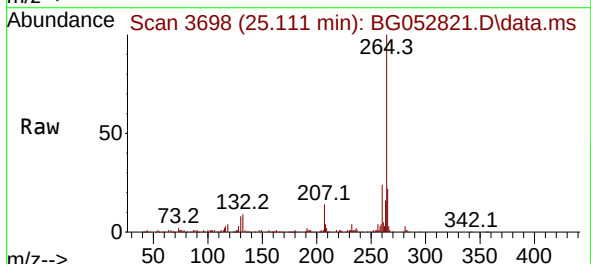
Instrument :
BNA_G
ClientSampleId :
MHBMS

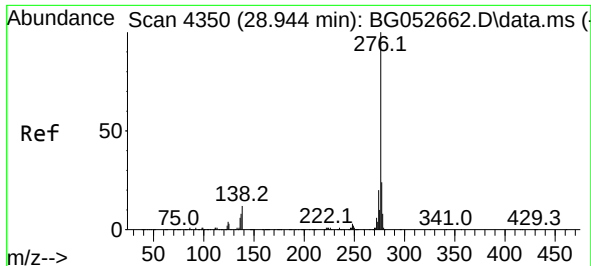
Tgt Ion:149 Resp: 702059
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.111 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BG052821.D
Acq: 24 Mar 2022 22:54

Tgt Ion:264 Resp: 254914
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 21.5 15.1 22.7

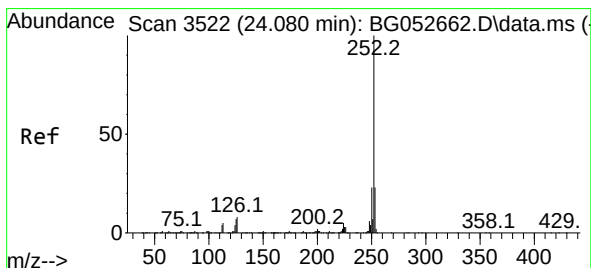
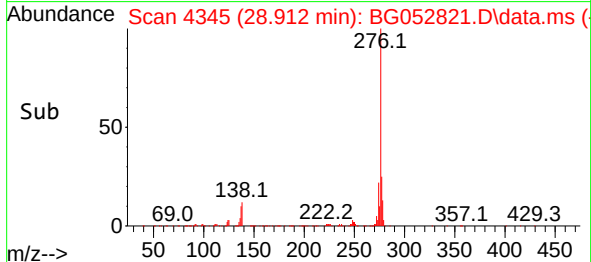
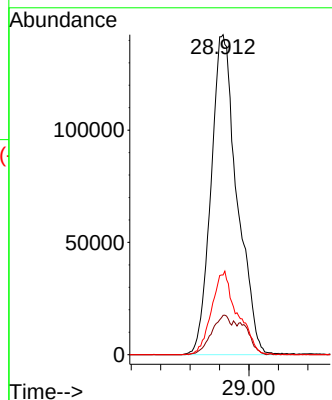
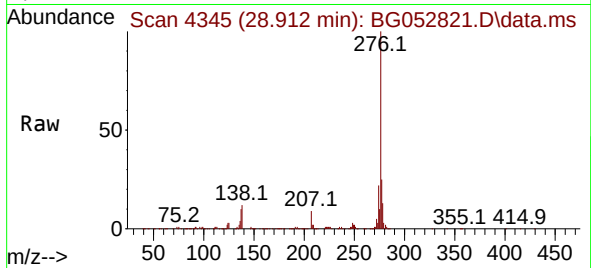




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.337 ng
 RT: 28.912 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

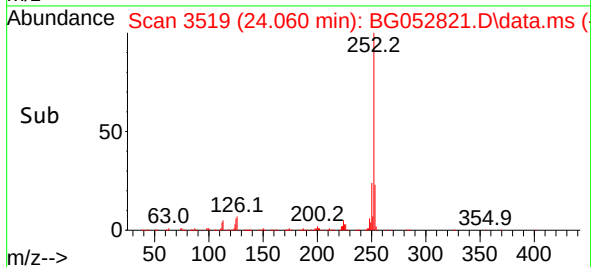
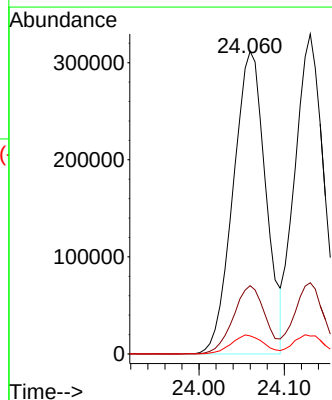
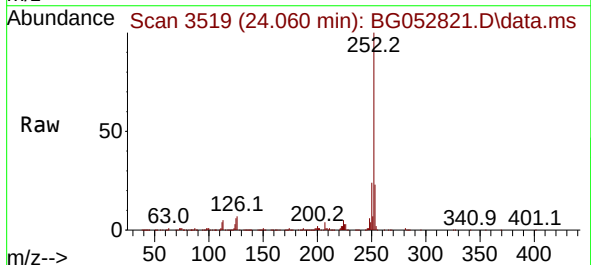
Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

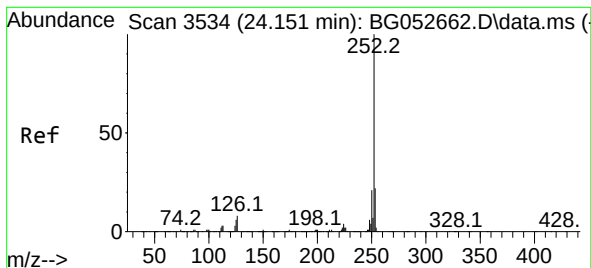
Tgt Ion:276 Resp: 878282
 Ion Ratio Lower Upper
 276 100
 138 9.0 8.7 13.1
 277 25.7 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 52.291 ng
 RT: 24.060 min Scan# 3519
 Delta R.T. 0.006 min
 Lab File: BG052821.D
 Acq: 24 Mar 2022 22:54

Tgt Ion:252 Resp: 827652
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.2 25.8
 125 6.0 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 49.754 ng

RT: 24.130 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

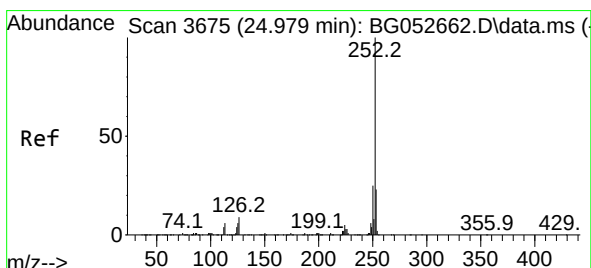
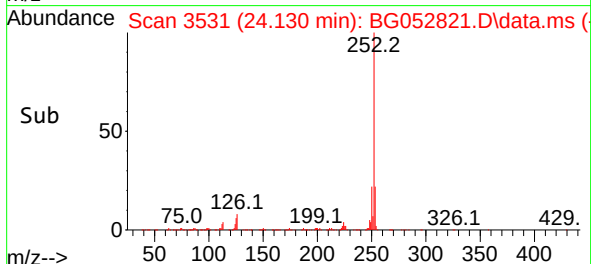
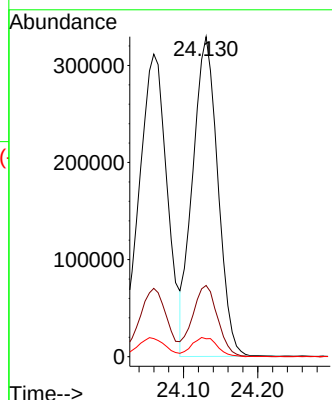
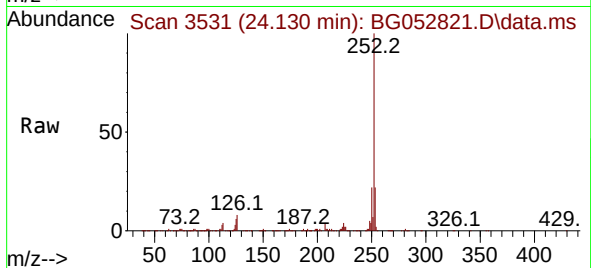
Tgt Ion:252 Resp: 774792

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 5.6 5.0 7.4



#90

Benzo(a)pyrene

Concen: 58.874 ng

RT: 24.959 min Scan# 3672

Delta R.T. 0.006 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

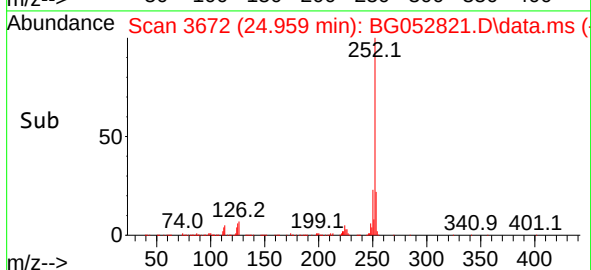
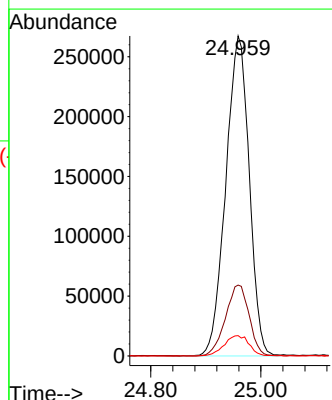
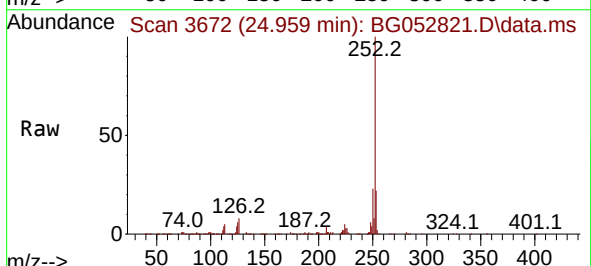
Tgt Ion:252 Resp: 788784

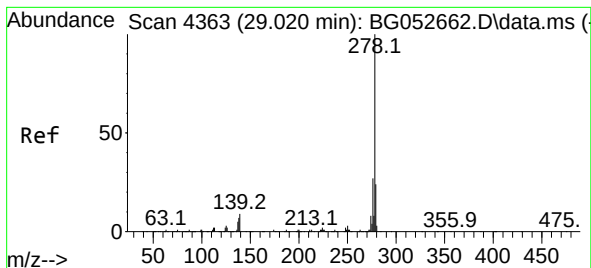
Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 6.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 53.095 ng

RT: 28.983 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Instrument :

BNA_G

ClientSampleId :

MHBMS

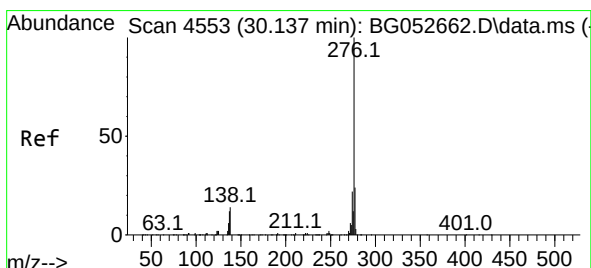
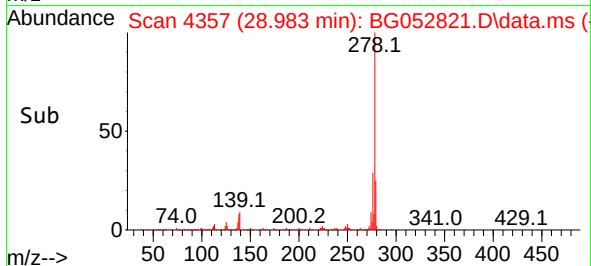
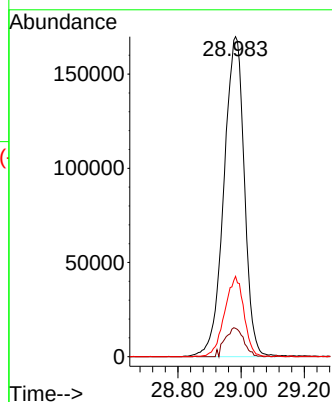
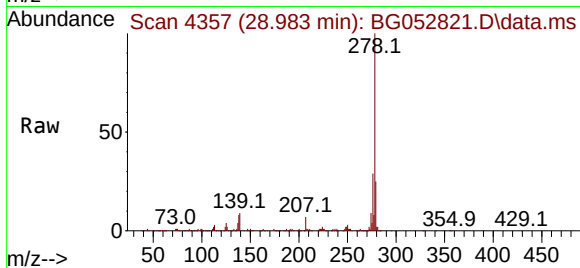
Tgt Ion:278 Resp: 763354

Ion Ratio Lower Upper

278 100

139 8.9 7.8 11.6

279 25.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 53.279 ng

RT: 30.105 min Scan# 4548

Delta R.T. 0.012 min

Lab File: BG052821.D

Acq: 24 Mar 2022 22:54

Tgt Ion:276 Resp: 757911

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.2

138 13.2 9.1 13.7

