

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054696.D
 Acq On : 23 Aug 2022 1:10
 Operator : CG/JU
 Sample : PB147112BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147112BS

Quant Time: Aug 23 05:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	62128	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	260964	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	166383	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	357084	20.000	ng	0.00
76) Chrysene-d12	21.825	240	330392	20.000	ng	0.00
86) Perylene-d12	25.198	264	348260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	480170	145.641	ng	0.00
7) Phenol-d6	7.307	99	621525	134.539	ng	0.00
23) Nitrobenzene-d5	9.334	82	363564	79.395	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	203096	152.421	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	835775	74.077	ng	0.00
79) Terphenyl-d14	20.133	244	1335851	80.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.547	88	50738	29.932	ng	97
3) Pyridine	3.952	79	144831	30.517	ng	99
4) n-Nitrosodimethylamine	3.864	42	86545	41.629	ng	98
6) Aniline	7.477	93	251442	43.627	ng	98
8) 2-Chlorophenol	7.718	128	174256	49.624	ng	96
9) Benzaldehyde	7.289	77	132164	41.380	ng	100
10) Phenol	7.330	94	224331	46.881	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	173322	42.376	ng	100
12) 1,3-Dichlorobenzene	8.047	146	189129	41.958	ng	99
13) 1,4-Dichlorobenzene	8.194	146	190135	41.858	ng	98
14) 1,2-Dichlorobenzene	8.517	146	186308	43.490	ng	98
15) Benzyl Alcohol	8.394	79	156448	48.596	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.688	45	281145	44.303	ng	99
17) 2-Methylphenol	8.594	107	152404	47.239	ng	98
18) Hexachloroethane	9.252	117	65941	43.956	ng	97
19) n-Nitroso-di-n-propyla...	8.970	70	141659	43.584	ng	97
20) 3+4-Methylphenols	8.923	107	202483	47.015	ng	98
22) Acetophenone	8.987	105	266421	40.536	ng	99
24) Nitrobenzene	9.375	77	193543	41.110	ng	100
25) Isophorone	9.898	82	379724	43.508	ng	100
26) 2-Nitrophenol	10.086	139	67249	48.048	ng	95
27) 2,4-Dimethylphenol	10.133	122	166941	52.438	ng	95
28) bis(2-Chloroethoxy)met...	10.380	93	234201	45.426	ng	100
29) 2,4-Dichlorophenol	10.621	162	160837	47.085	ng	99
30) 1,2,4-Trichlorobenzene	10.838	180	175382	38.529	ng	99
31) Naphthalene	11.038	128	541880	38.583	ng	100
32) Benzoic acid	10.274	122	81750	47.823	ng	97
33) 4-Chloroaniline	11.138	127	177025	31.933	ng	99
34) Hexachlorobutadiene	11.314	225	111429	38.775	ng	97
35) Caprolactam	11.913	113	29411	27.576	ng	92
36) 4-Chloro-3-methylphenol	12.242	107	172721	47.584	ng	99
37) 2-Methylnaphthalene	12.630	142	380367	39.422	ng	98
38) 1-Methylnaphthalene	12.848	142	363065	38.910	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	199218	38.782	ng	99
41) Hexachlorocyclopentadiene	12.971	237	233388	109.307	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	127732	47.331	ng	98

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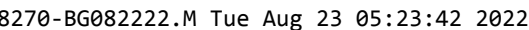
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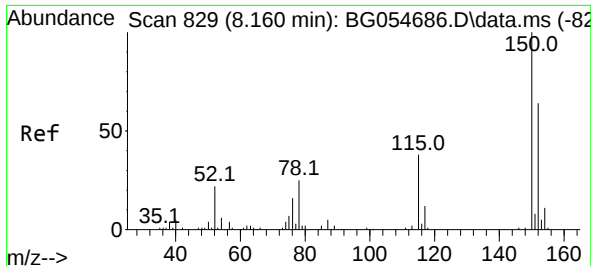
Quant Time: Aug 23 05:23:25 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	140609	46.036	ng	98
46) 1,1'-Biphenyl	13.629	154	498666	39.609	ng	99
47) 2-Chloronaphthalene	13.670	162	369951	38.521	ng	100
48) 2-Nitroaniline	13.870	65	103213	43.833	ng	99
49) Acenaphthylene	14.516	152	609923	39.072	ng	99
50) Dimethylphthalate	14.240	163	478673	42.724	ng	99
51) 2,6-Dinitrotoluene	14.358	165	94439	46.346	ng	97
52) Acenaphthene	14.857	154	404063	42.219	ng	99
53) 3-Nitroaniline	14.692	138	90559	38.539	ng	100
54) 2,4-Dinitrophenol	14.892	184	77989	107.310	ng	98
55) Dibenzofuran	15.186	168	565032	38.957	ng	99
56) 4-Nitrophenol	14.980	139	177004	101.344	ng	99
57) 2,4-Dinitrotoluene	15.139	165	129400	42.981	ng	97
58) Fluorene	15.832	166	467520	38.992	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	119955	47.172	ng	97
60) Diethylphthalate	15.597	149	478012	43.739	ng	98
61) 4-Chlorophenyl-phenyle...	15.821	204	238033	40.090	ng	99
62) 4-Nitroaniline	15.856	138	109210	42.648	ng	96
63) Azobenzene	16.114	77	473471	39.009	ng	100
65) 4,6-Dinitro-2-methylph...	15.903	198	51699	47.397	ng	99
66) n-Nitrosodiphenylamine	16.038	169	417645	41.158	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	137180	39.908	ng	98
68) Hexachlorobenzene	16.831	284	174710	40.283	ng	99
69) Atrazine	16.978	200	151730	50.458	ng	100
70) Pentachlorophenol	17.172	266	198797	82.252	ng	99
71) Phenanthrene	17.577	178	743609	39.068	ng	99
72) Anthracene	17.665	178	755336	40.953	ng	99
73) Carbazole	17.936	167	703707	42.885	ng	100
74) Di-n-butylphthalate	18.482	149	825107	47.134	ng	99
75) Fluoranthene	19.581	202	911073	40.601	ng	99
77) Benzidine	19.757	184	555015	77.370	ng	98
78) Pyrene	19.939	202	920037	39.478	ng	98
80) Butylbenzylphthalate	20.821	149	338045	44.537	ng	99
81) Benzo(a)anthracene	21.808	228	899169	40.072	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	283573	41.822	ng	98
83) Chrysene	21.878	228	837932	39.240	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	517739	44.779	ng	98
85) Di-n-octyl phthalate	22.965	149	849687	49.106	ng	98
87) Indeno(1,2,3-cd)pyrene	29.076	276	1073872	41.322	ng	99
88) Benzo(b)fluoranthene	24.123	252	958860	44.341	ng	100
89) Benzo(k)fluoranthene	24.199	252	934979	41.898	ng	99
90) Benzo(a)pyrene	25.039	252	845051	45.529	ng	99
91) Dibenzo(a,h)anthracene	29.152	278	923155	43.241	ng	99
92) Benzo(g,h,i)perylene	30.292	276	901660	43.201	ng	99

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

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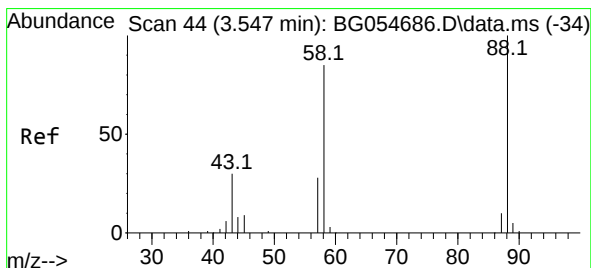
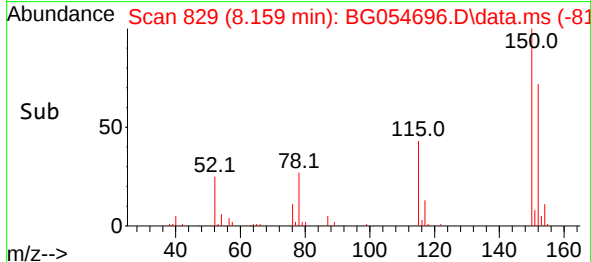
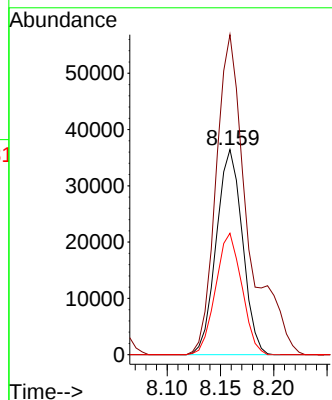
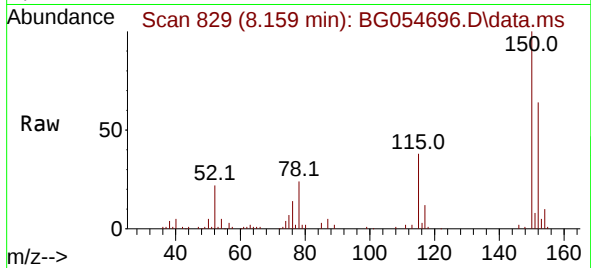




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.159 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG054696.D
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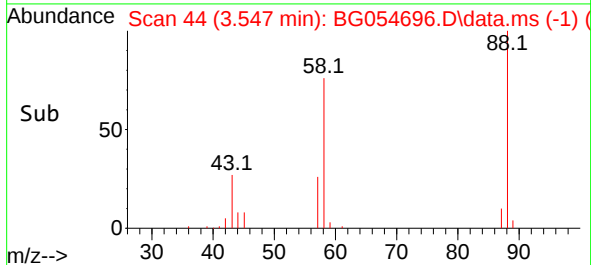
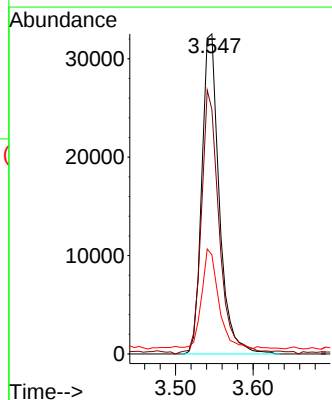
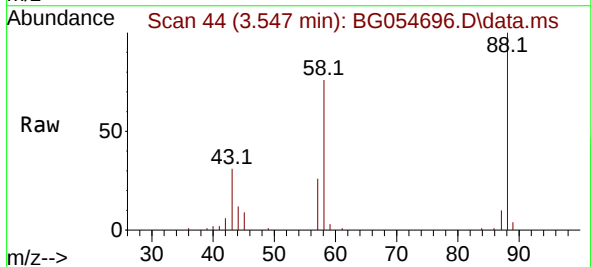
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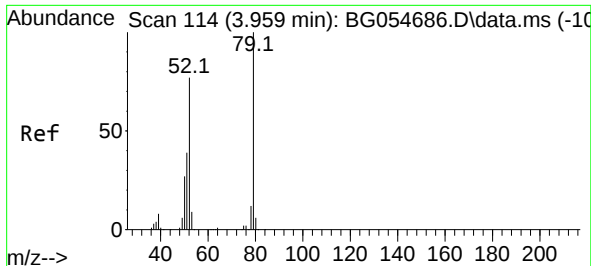
Tgt Ion:152 Resp: 62128
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.2 187.8
 115 59.2 47.9 71.9



#2
 1,4-Dioxane
 Concen: 29.932 ng
 RT: 3.547 min Scan# 44
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Tgt Ion: 88 Resp: 50738
 Ion Ratio Lower Upper
 88 100
 58 84.9 65.9 98.9
 43 30.3 22.7 34.1

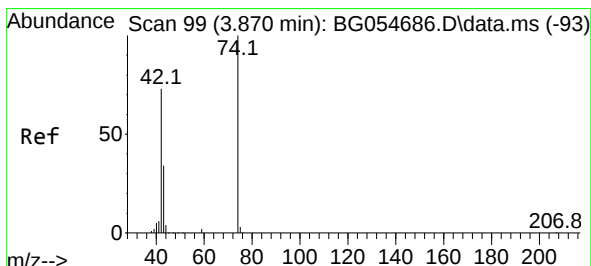
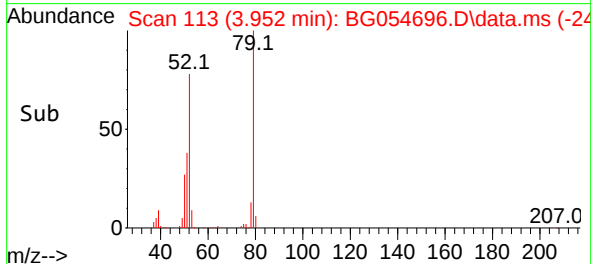
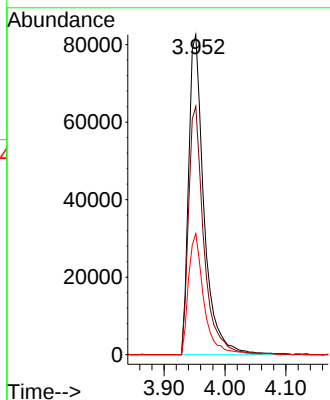
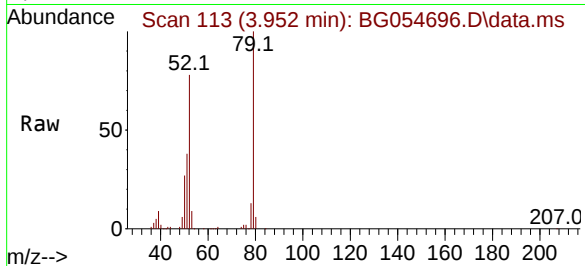




#3
Pyridine
Concen: 30.517 ng
RT: 3.952 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

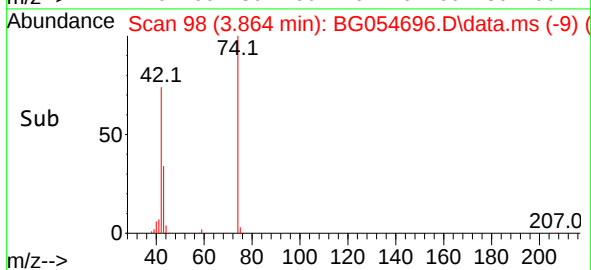
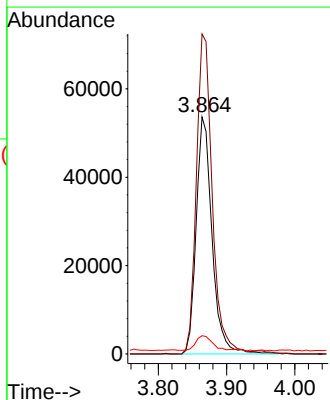
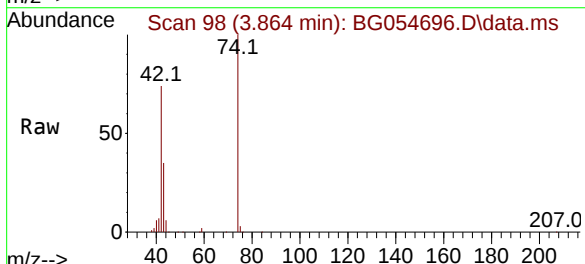
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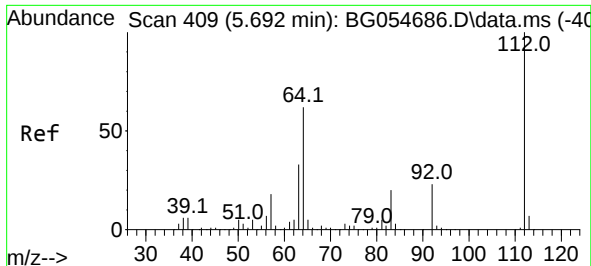
Tgt Ion: 79 Resp: 144831
Ion Ratio Lower Upper
79 100
52 77.6 61.4 92.0
51 37.9 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 41.629 ng
RT: 3.864 min Scan# 98
Delta R.T. -0.007 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 42 Resp: 86545
Ion Ratio Lower Upper
42 100
74 135.0 109.6 164.4
44 7.7 5.5 8.3

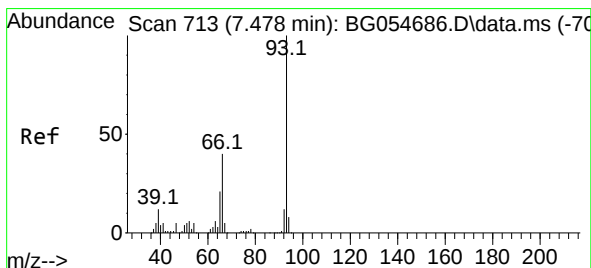
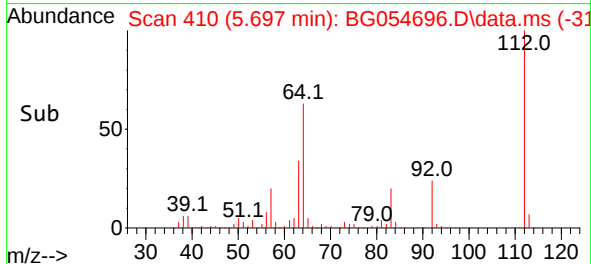
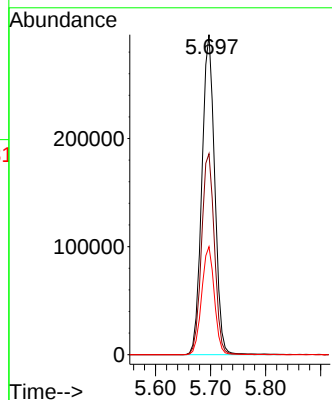
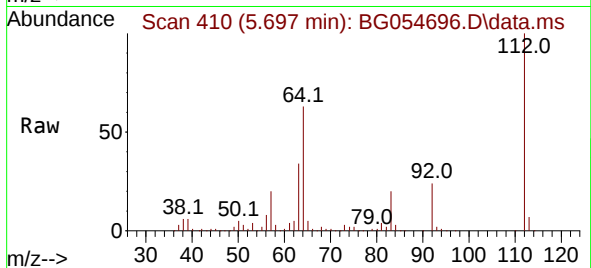




#5
2-Fluorophenol
Concen: 145.641 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

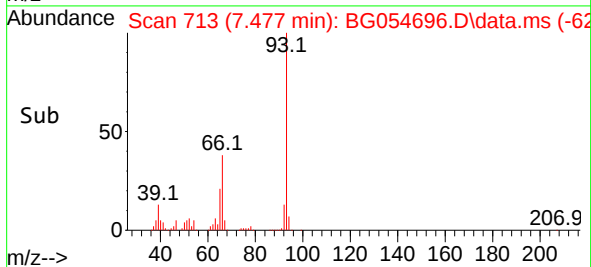
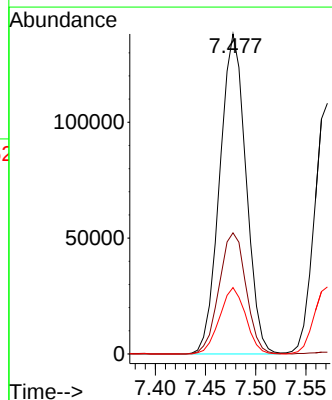
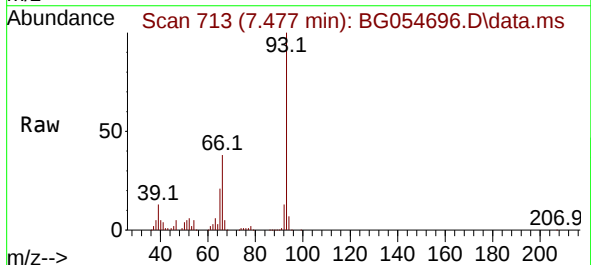
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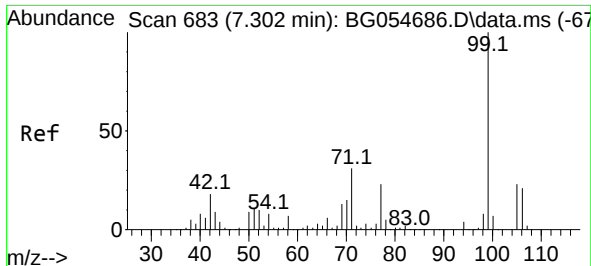
Tgt Ion:112 Resp: 480170
Ion Ratio Lower Upper
112 100
64 62.8 49.3 73.9
63 33.7 26.3 39.5



#6
Aniline
Concen: 43.627 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 93 Resp: 251442
Ion Ratio Lower Upper
93 100
66 37.9 31.8 47.8
65 20.8 16.6 25.0

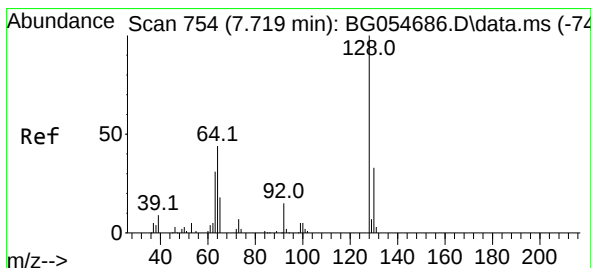
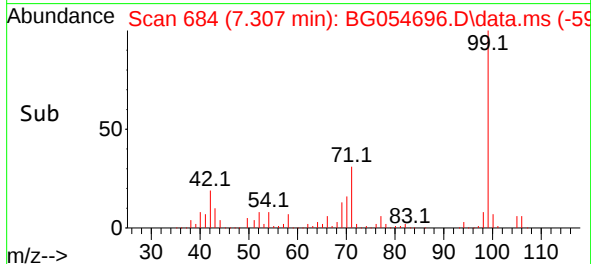
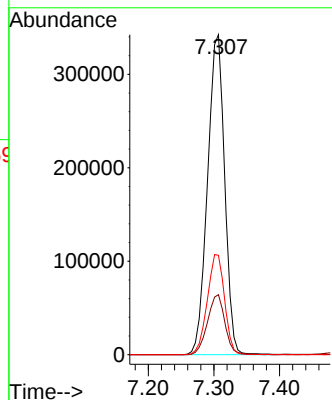
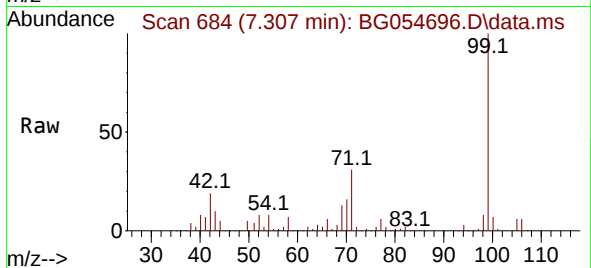




#7
Phenol-d6
Concen: 134.539 ng
RT: 7.307 min Scan# 684
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

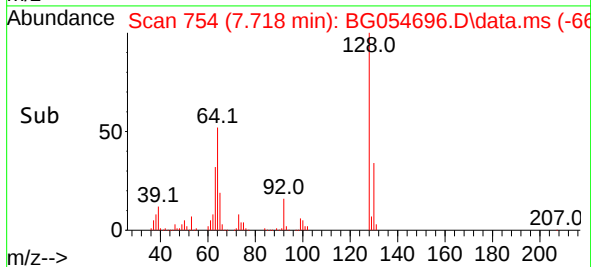
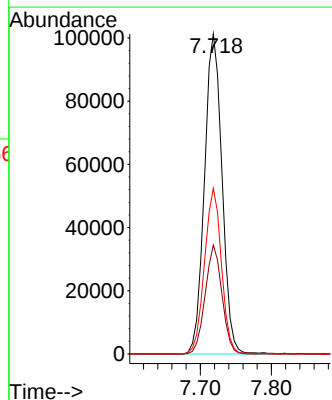
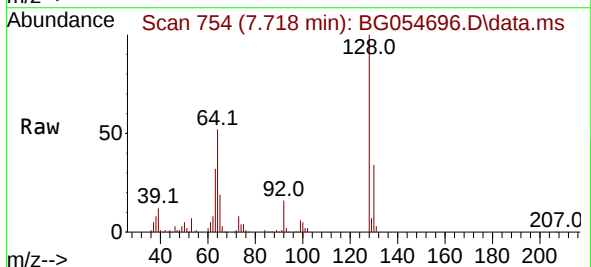
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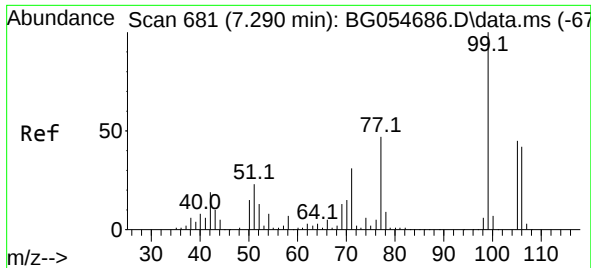
Tgt Ion: 99 Resp: 621525
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 31.0 24.6 37.0



#8
2-Chlorophenol
Concen: 49.624 ng
RT: 7.718 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 128 Resp: 174256
Ion Ratio Lower Upper
128 100
130 34.1 12.5 52.5
64 51.7 28.6 68.6

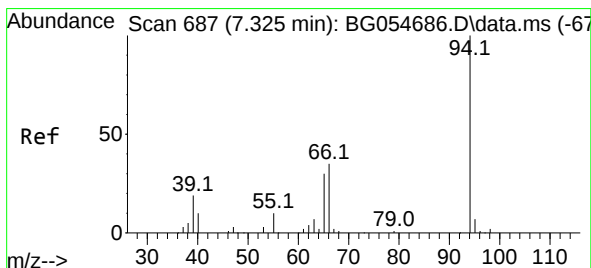
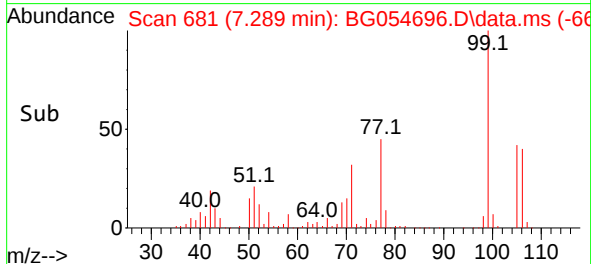
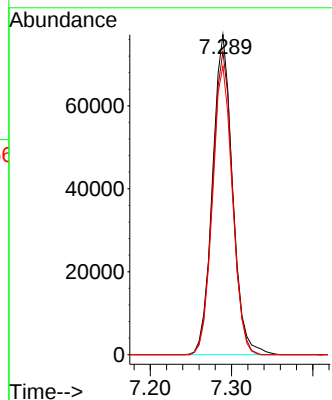
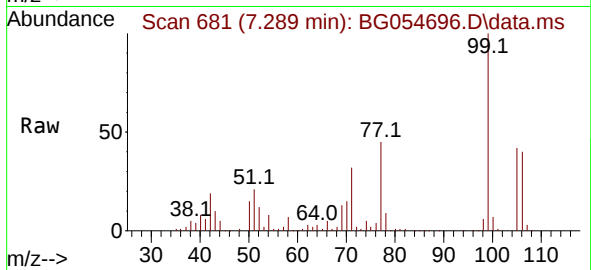




#9
Benzaldehyde
Concen: 41.380 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

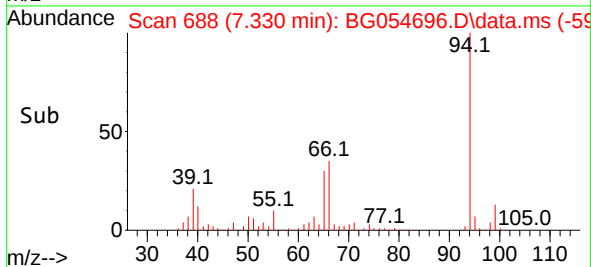
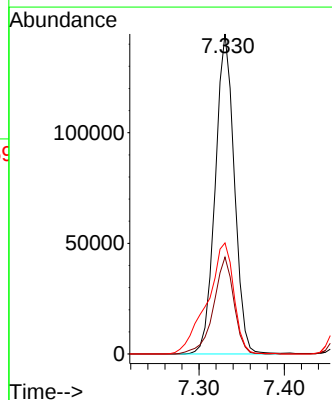
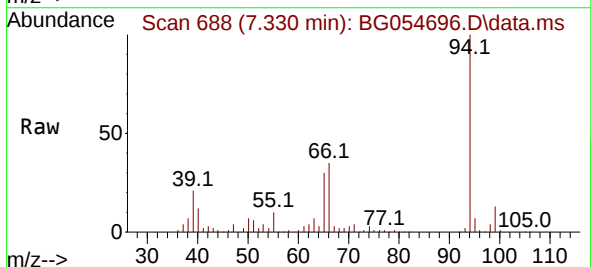
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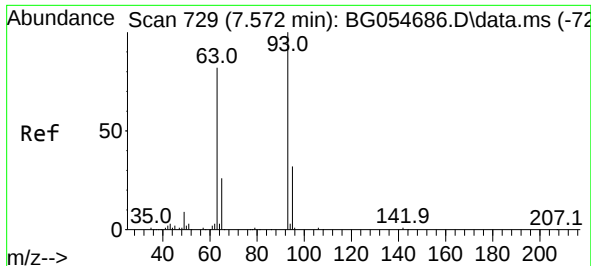
Tgt Ion: 77 Resp: 132164
Ion Ratio Lower Upper
77 100
105 94.7 75.3 115.3
106 90.2 70.2 110.2



#10
Phenol
Concen: 46.881 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 94 Resp: 224331
Ion Ratio Lower Upper
94 100
65 30.3 9.9 49.9
66 34.7 16.4 56.4

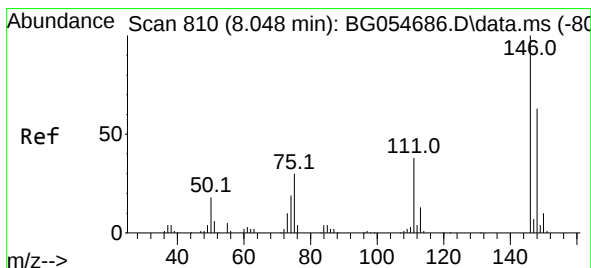
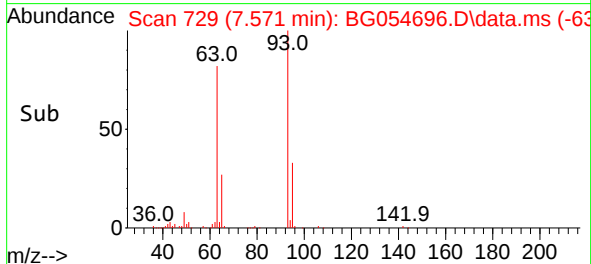
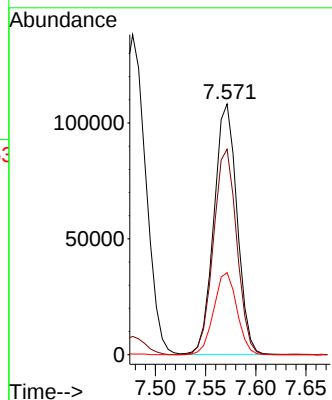
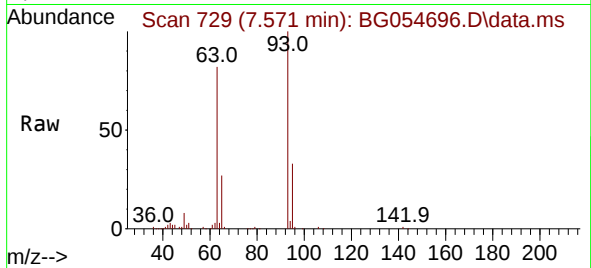




#11
bis(2-Chloroethyl)ether
Concen: 42.376 ng
RT: 7.571 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

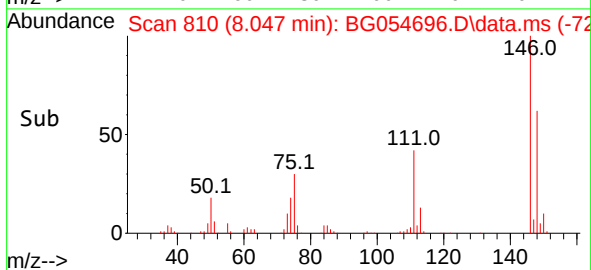
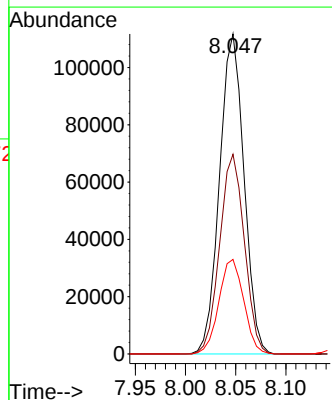
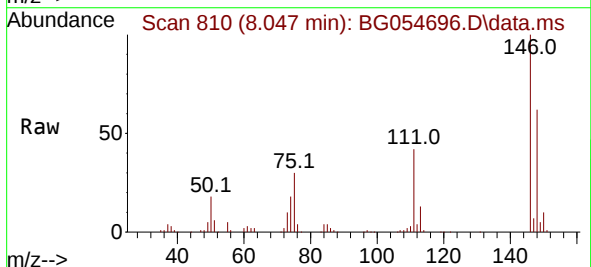
Instrument :
BNA_G
ClientSampleId :
PB147112BS

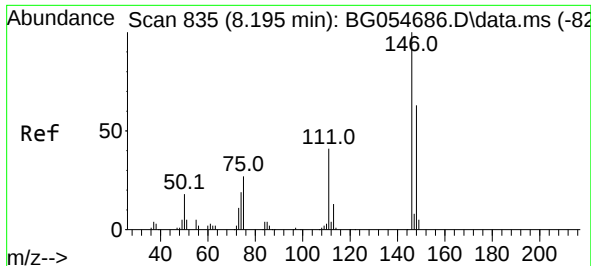
Tgt Ion: 93 Resp: 173322
Ion Ratio Lower Upper
93 100
63 82.0 62.1 102.1
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.958 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 146 Resp: 189129
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
75 29.6 24.3 36.5

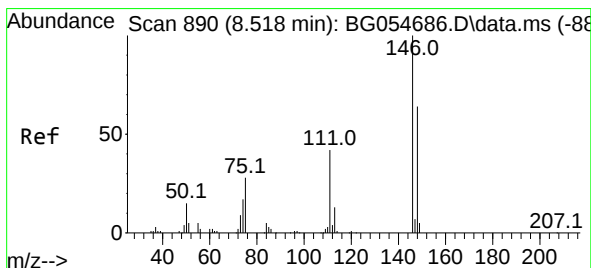
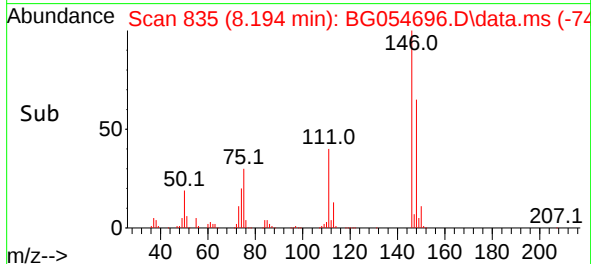
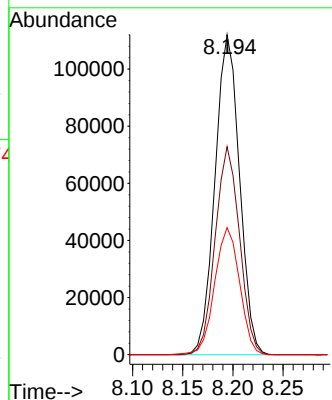
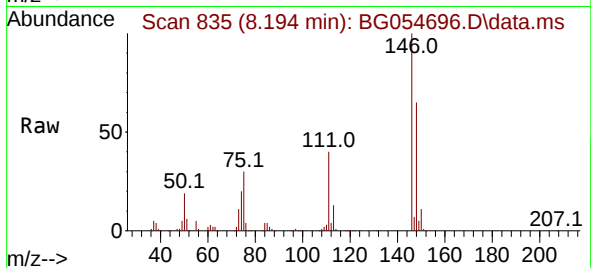




#13
1,4-Dichlorobenzene
Concen: 41.858 ng
RT: 8.194 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

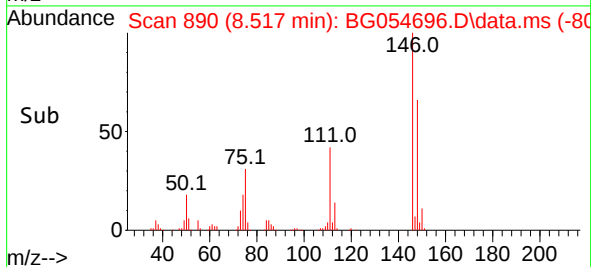
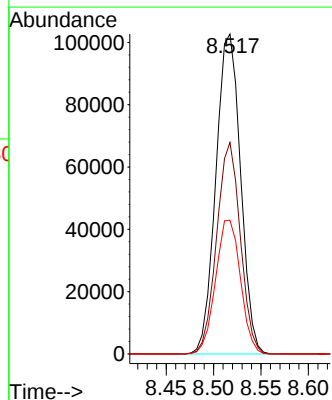
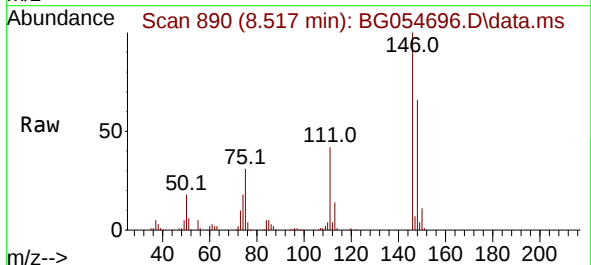
Instrument :
BNA_G
ClientSampleId :
PB147112BS

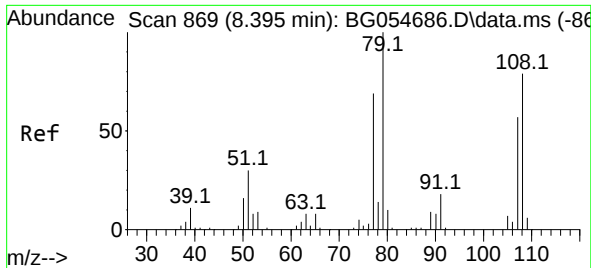
Tgt Ion:146 Resp: 190135
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 39.7 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 43.490 ng
RT: 8.517 min Scan# 890
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:146 Resp: 186308
Ion Ratio Lower Upper
146 100
148 66.1 51.2 76.8
111 41.8 34.3 51.5

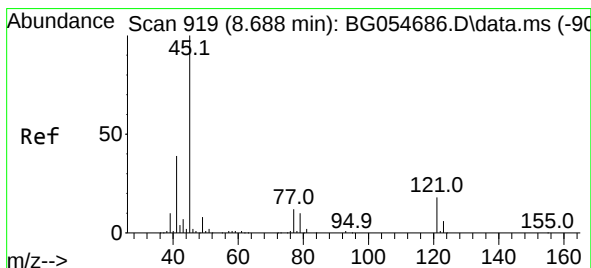
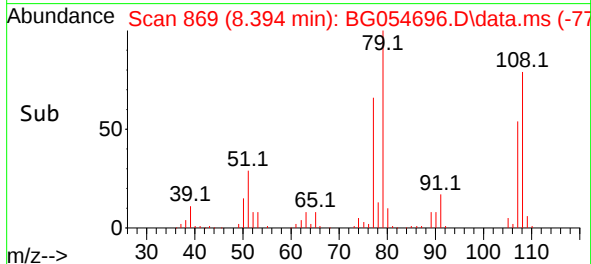
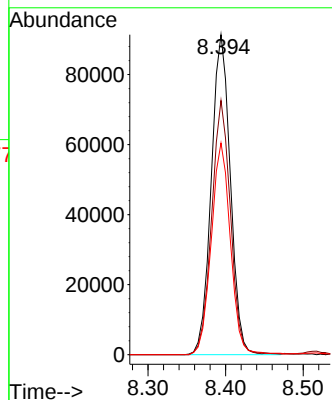
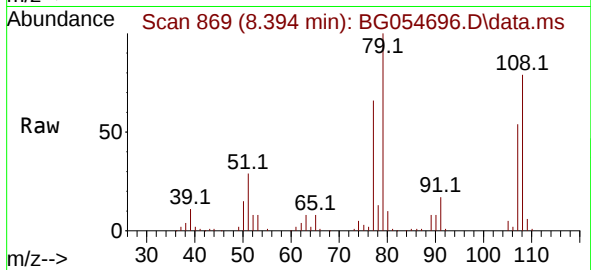




#15
Benzyl Alcohol
Concen: 48.596 ng
RT: 8.394 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

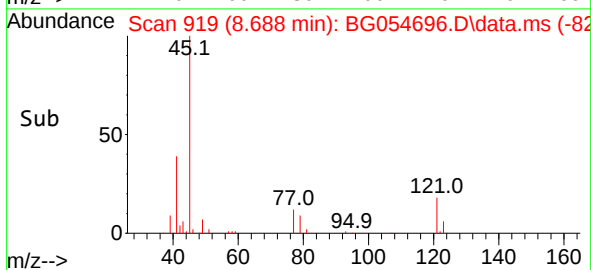
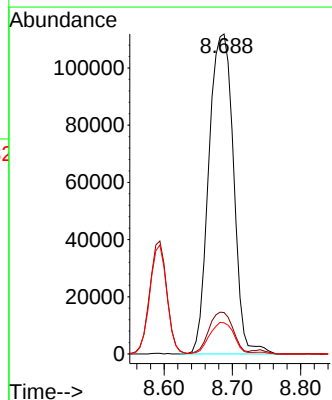
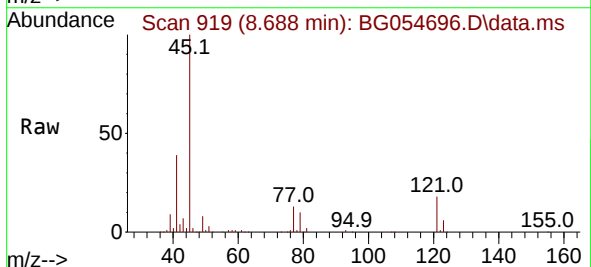
Instrument :
BNA_G
ClientSampleId :
PB147112BS

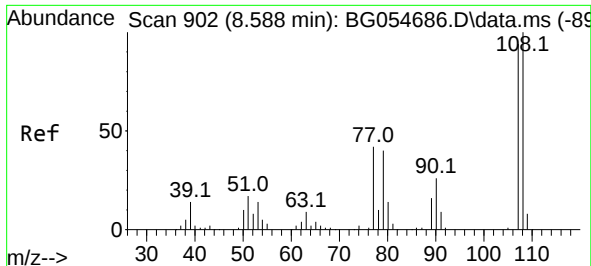
Tgt Ion: 79 Resp: 156448
Ion Ratio Lower Upper
79 100
108 79.4 63.4 95.0
77 66.1 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.303 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 45 Resp: 281145
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.8
79 9.8 0.0 30.4

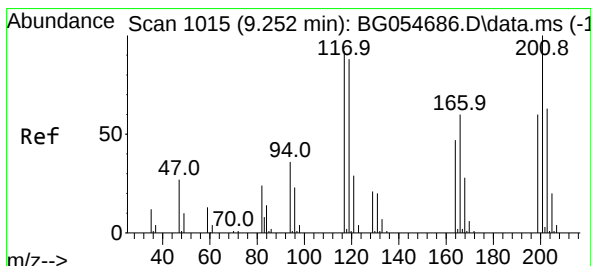
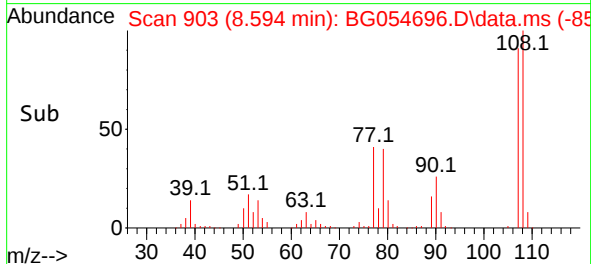
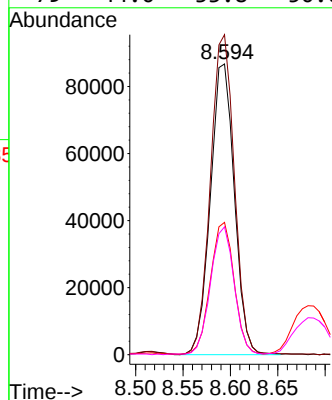
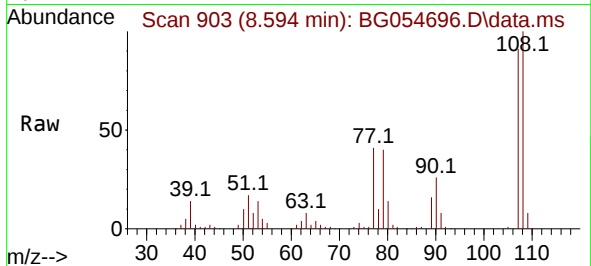




#17
2-Methylphenol
Concen: 47.239 ng
RT: 8.594 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

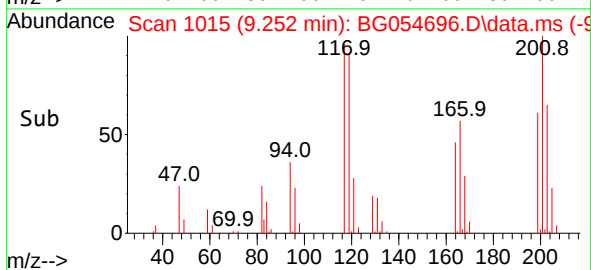
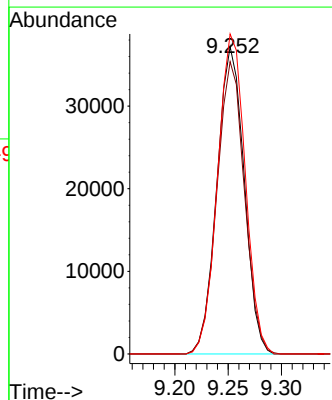
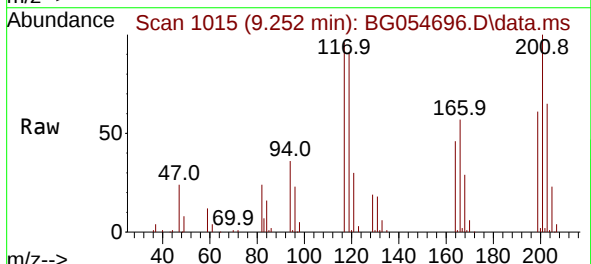
Instrument :
BNA_G
ClientSampleId :
PB147112BS

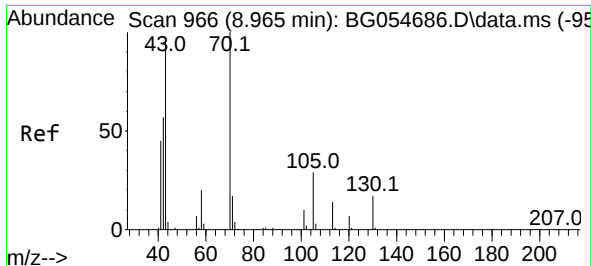
Tgt Ion:	107	Resp:	152404
Ion	Ratio	Lower	Upper
107	100		
108	110.1	85.6	128.4
77	45.5	35.8	53.8
79	44.0	33.8	50.6



#18
Hexachloroethane
Concen: 43.956 ng
RT: 9.252 min Scan# 1015
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:	117	Resp:	65941
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.6
201	104.1	87.2	130.8

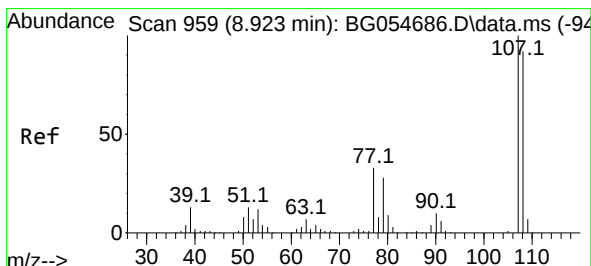
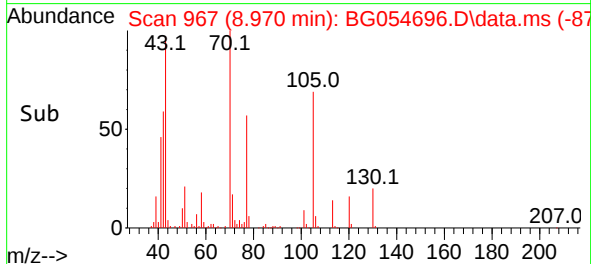
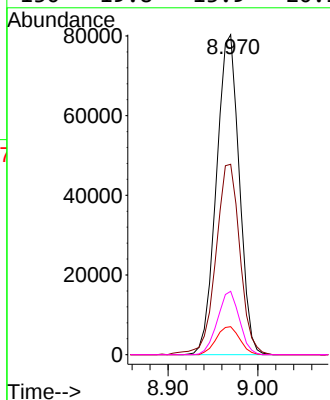
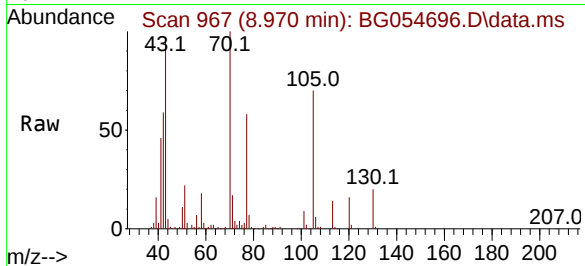




#19
n-Nitroso-di-n-propylamine
Concen: 43.584 ng
RT: 8.970 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

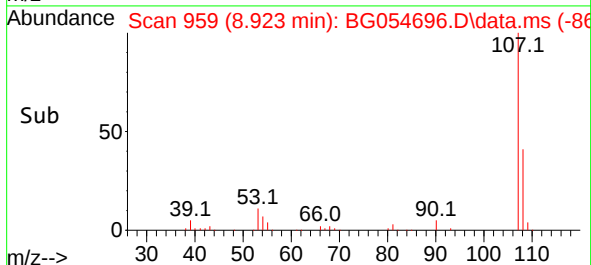
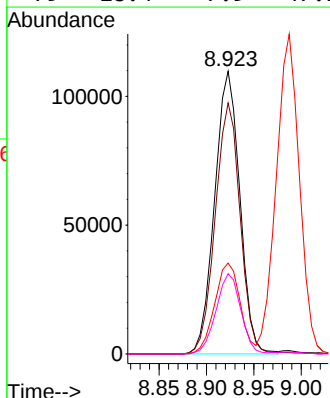
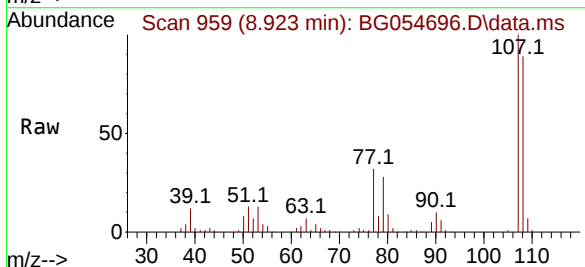
Instrument :
BNA_G
ClientSampleId :
PB147112BS

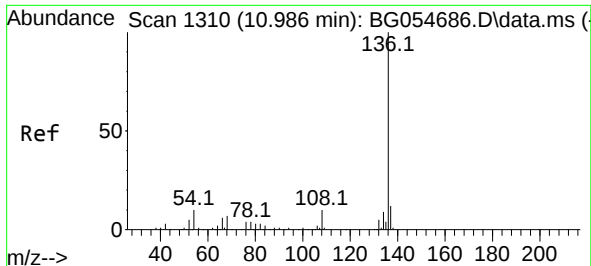
Tgt Ion:	70	Resp:	141659
Ion	Ratio	Lower	Upper
70	100		
42	59.5	46.6	69.8
101	8.8	7.7	11.5
130	19.8	13.9	20.9



#20
3+4-Methylphenols
Concen: 47.015 ng
RT: 8.923 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:	107	Resp:	202483
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.6	111.6
77	32.2	13.1	53.1
79	28.4	7.9	47.9

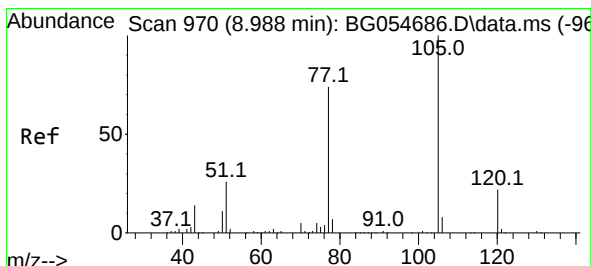
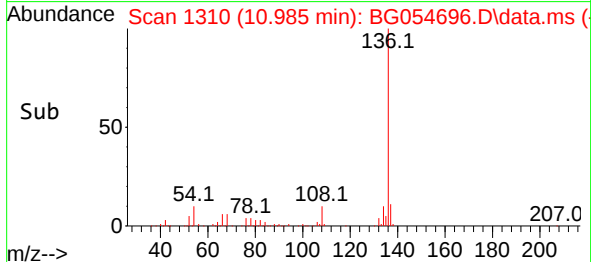
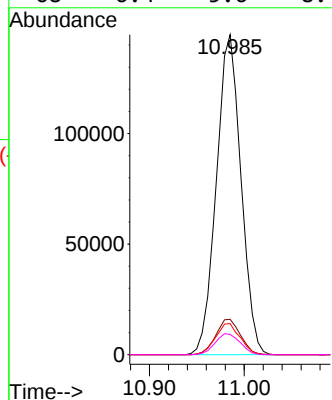
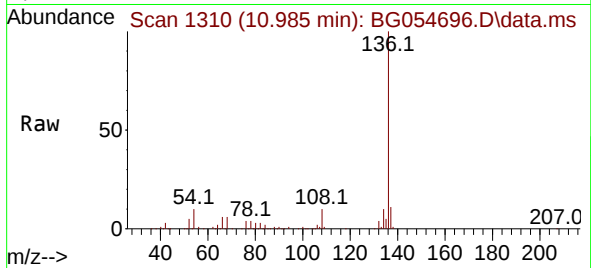




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

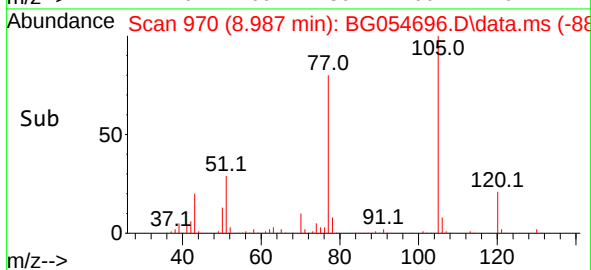
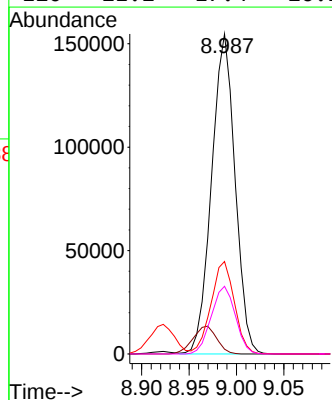
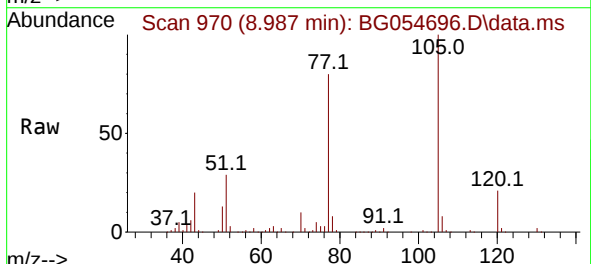
Instrument :
BNA_G
ClientSampleId :
PB147112BS

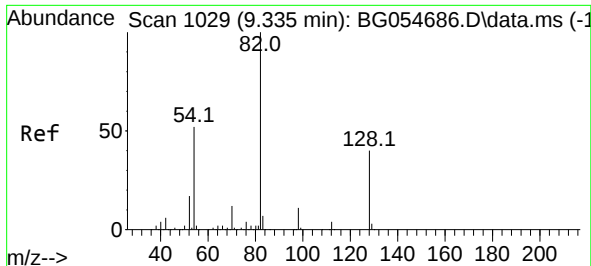
Tgt Ion:	136	Resp:	260964
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.7	7.7	11.5
68	6.4	5.6	8.4



#22
Acetophenone
Concen: 40.536 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:	105	Resp:	266421
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	28.9	22.9	34.3
120	21.2	17.4	26.2

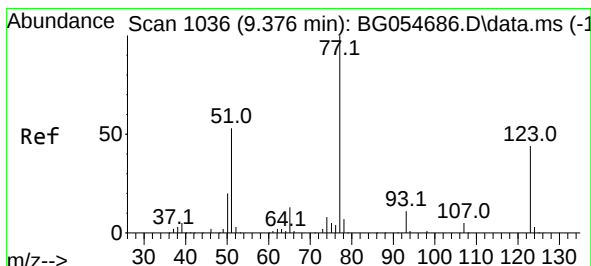
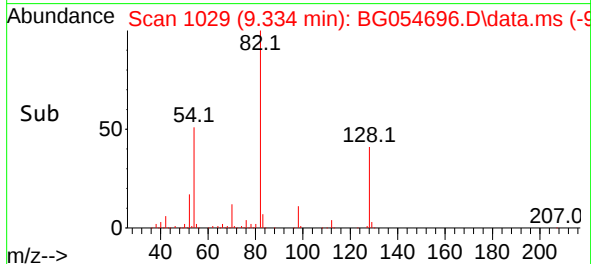
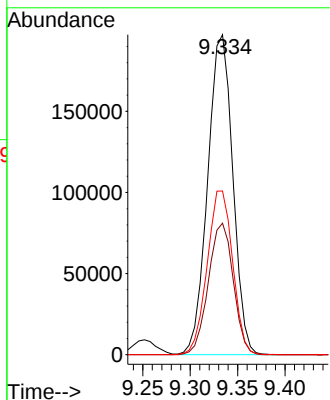
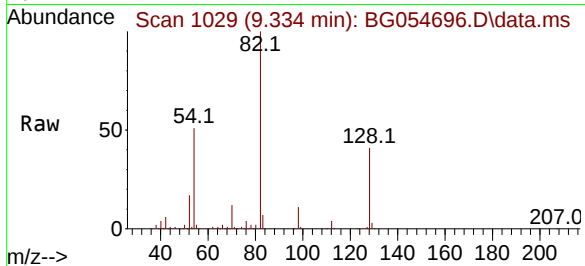




#23
Nitrobenzene-d5
Concen: 79.395 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

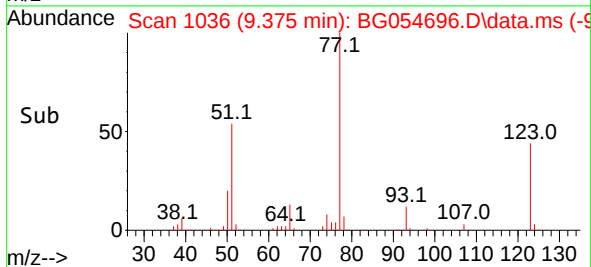
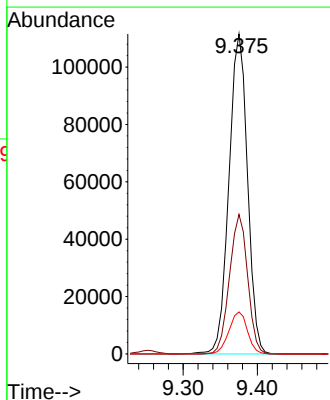
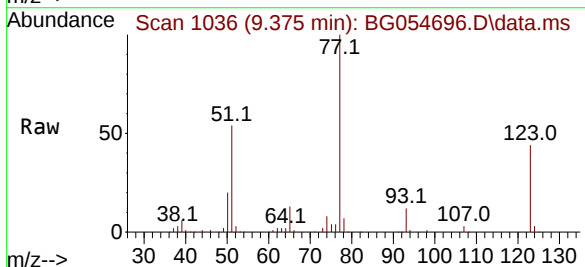
Instrument :
BNA_G
ClientSampleId :
PB147112BS

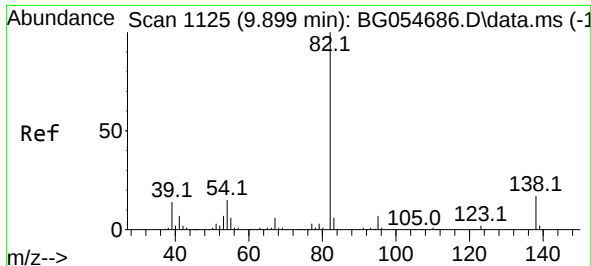
Tgt Ion: 82 Resp: 363564
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 51.2 41.4 62.0



#24
Nitrobenzene
Concen: 41.110 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 77 Resp: 193543
Ion Ratio Lower Upper
77 100
123 43.6 35.0 52.6
65 13.2 10.2 15.2

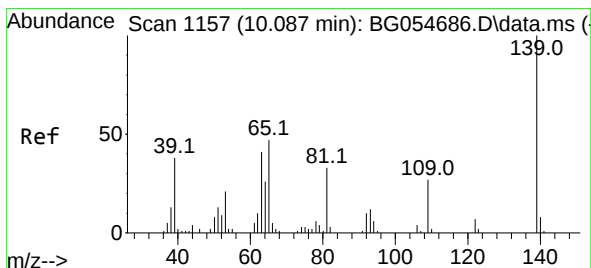
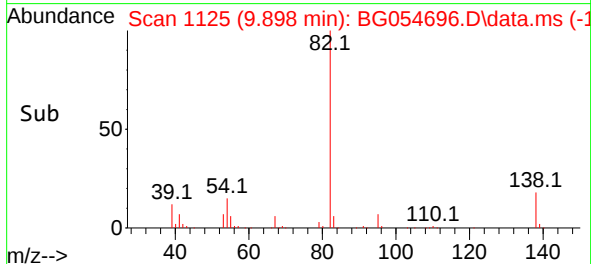
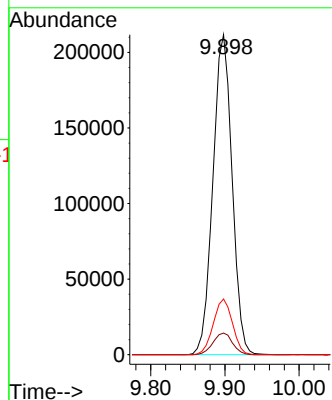
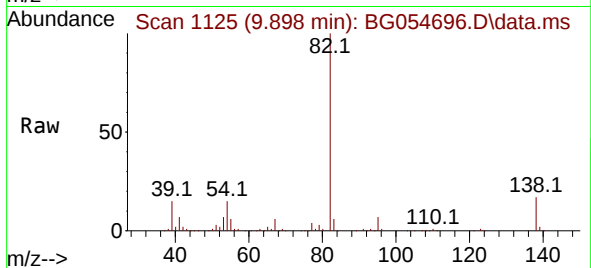




#25
Isophorone
Concen: 43.508 ng
RT: 9.898 min Scan# 1125
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

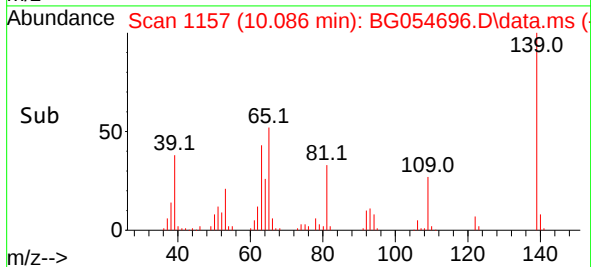
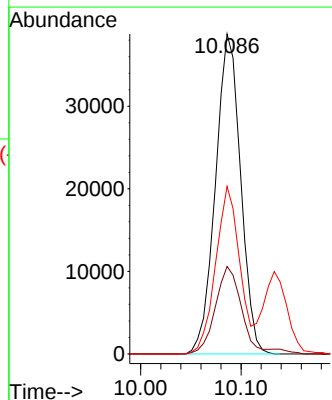
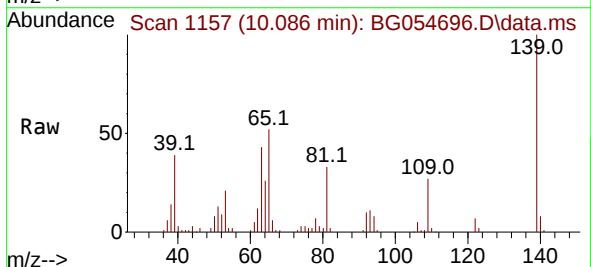
Instrument :
BNA_G
ClientSampleId :
PB147112BS

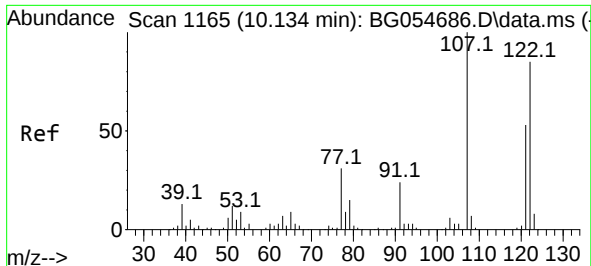
Tgt Ion: 82 Resp: 379724
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 48.048 ng
RT: 10.086 min Scan# 1157
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:139 Resp: 67249
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.6
65 52.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 52.438 ng

RT: 10.133 min Scan# 1165

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

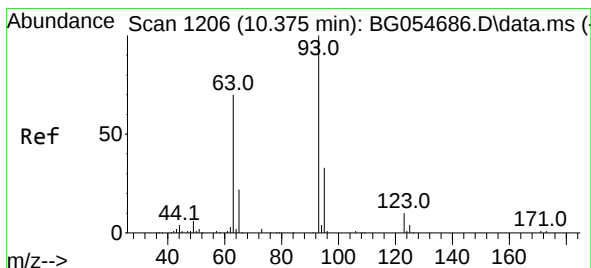
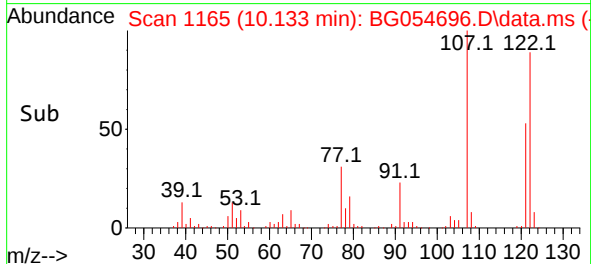
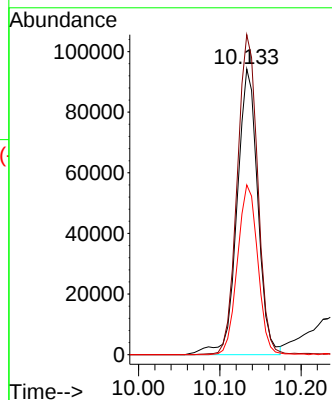
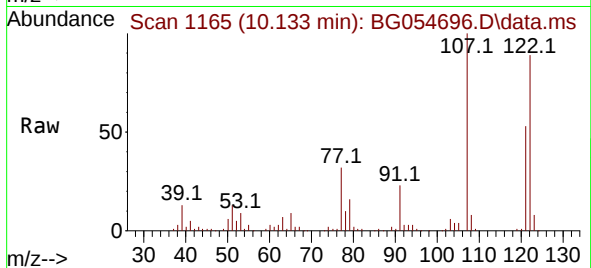
Tgt Ion:122 Resp: 166941

Ion Ratio Lower Upper

122 100

107 112.0 94.6 142.0

121 59.5 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.426 ng

RT: 10.380 min Scan# 1207

Delta R.T. 0.005 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

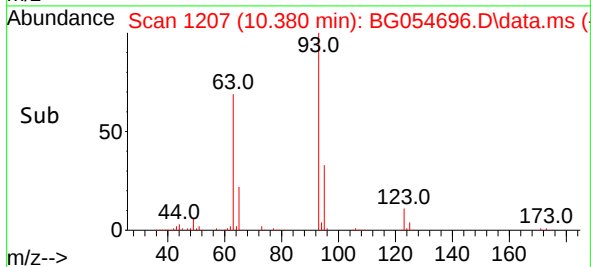
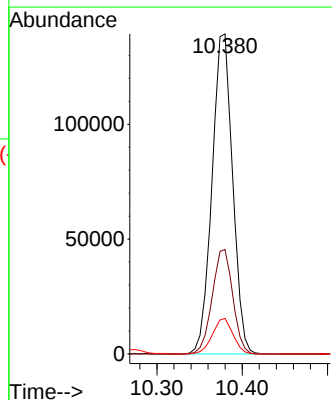
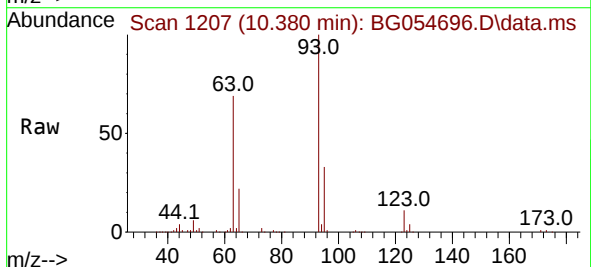
Tgt Ion: 93 Resp: 234201

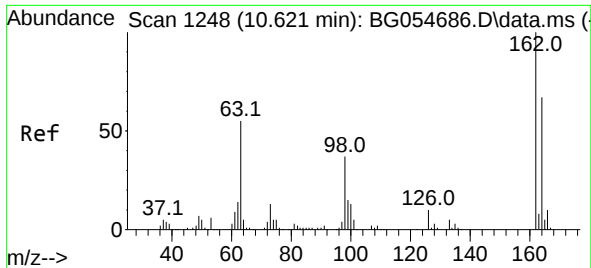
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.1 8.4 12.6

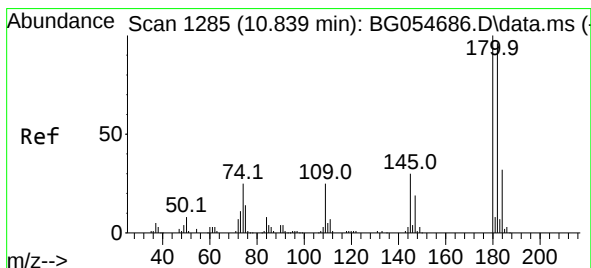
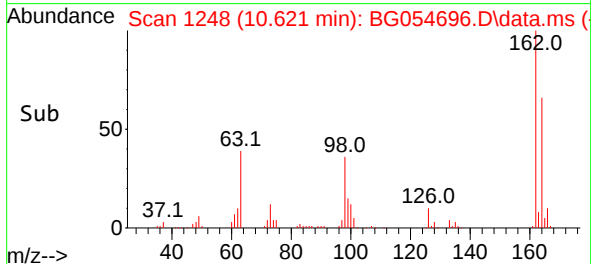
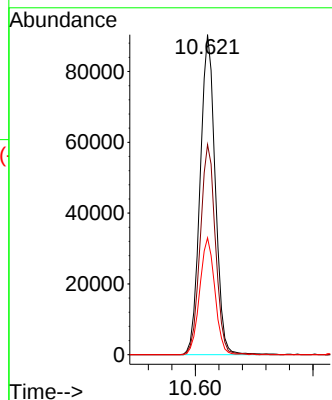
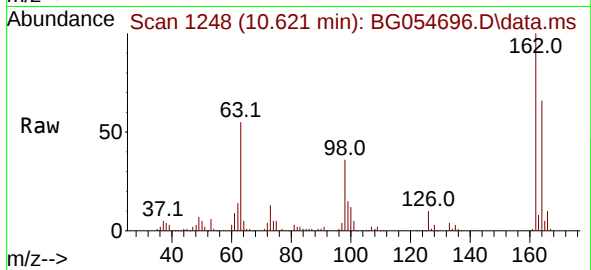




#29
2,4-Dichlorophenol
Concen: 47.085 ng
RT: 10.621 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

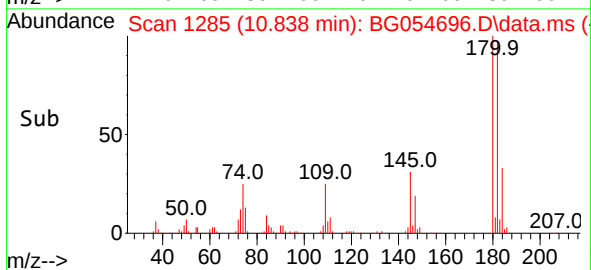
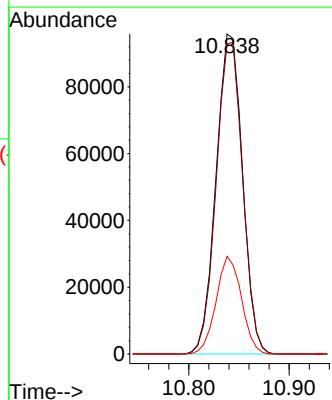
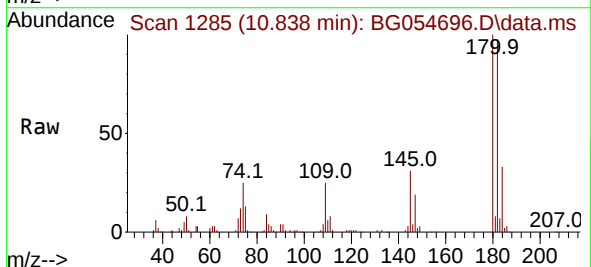
Instrument :
BNA_G
ClientSampleId :
PB147112BS

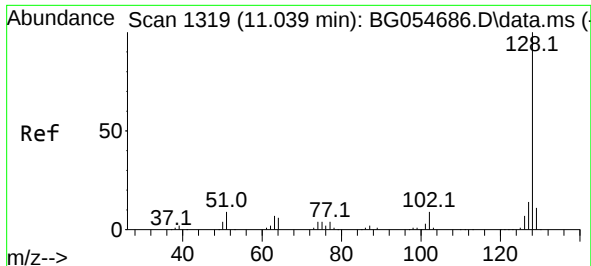
Tgt Ion:162 Resp: 160837
Ion Ratio Lower Upper
162 100
164 65.7 47.2 87.2
98 36.5 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.838 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:180 Resp: 175382
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.6
145 30.5 24.0 36.0

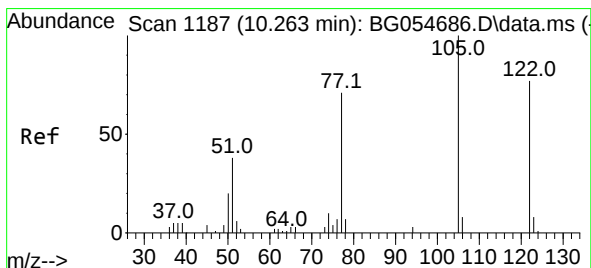
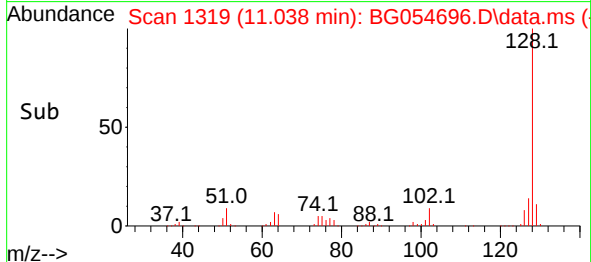
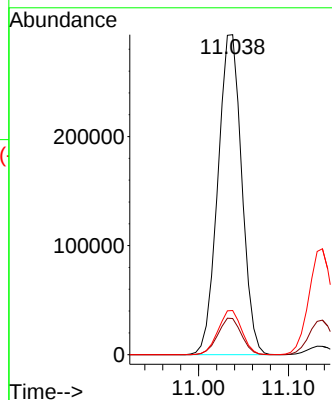
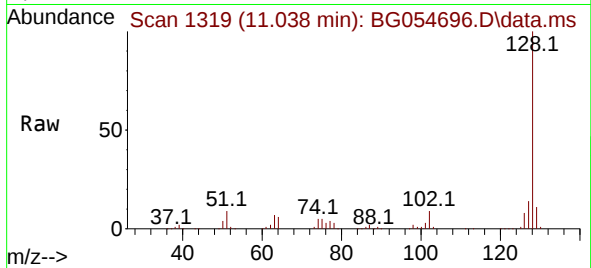




#31
Naphthalene
Concen: 38.583 ng
RT: 11.038 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

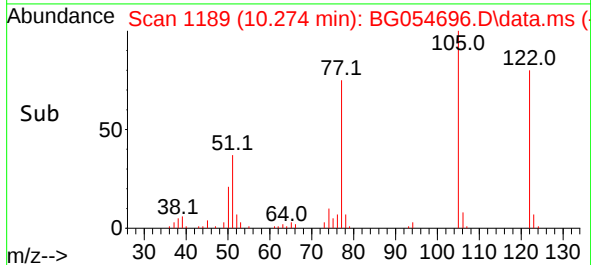
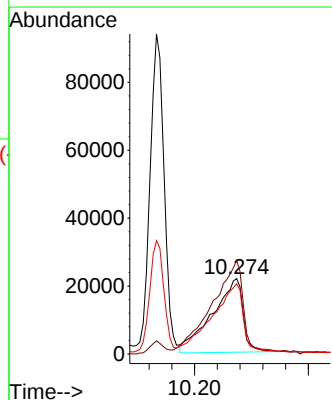
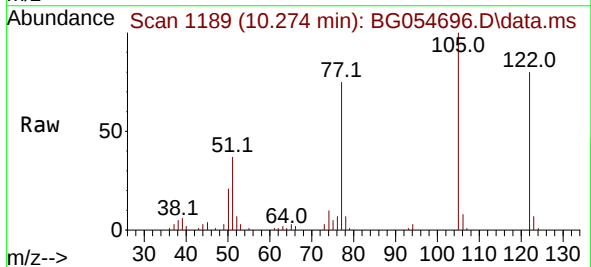
Instrument :
BNA_G
ClientSampleId :
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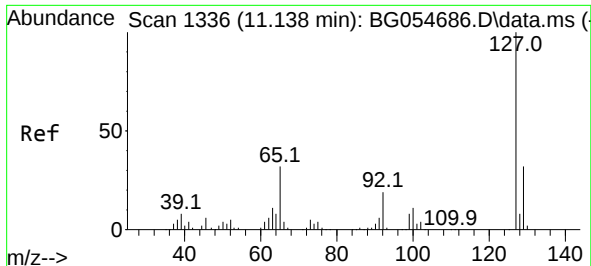
Tgt Ion:128 Resp: 541880
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 47.823 ng
RT: 10.274 min Scan# 1189
Delta R.T. 0.011 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:122 Resp: 81750
Ion Ratio Lower Upper
122 100
105 124.2 101.5 141.5
77 93.3 69.3 109.3

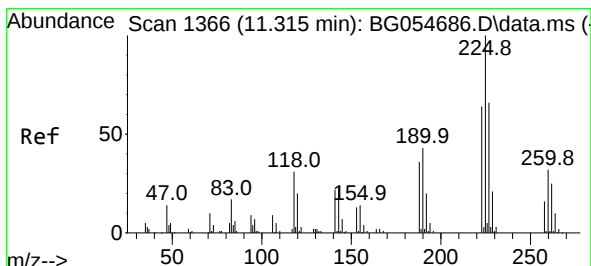
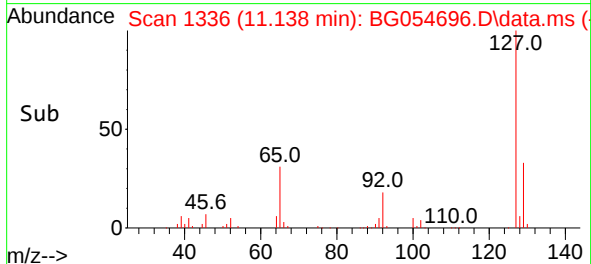
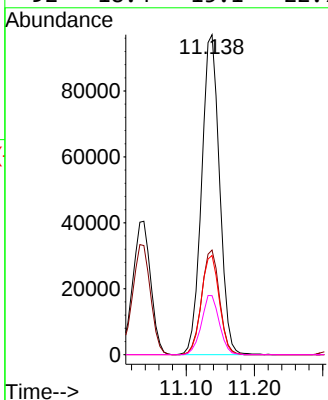
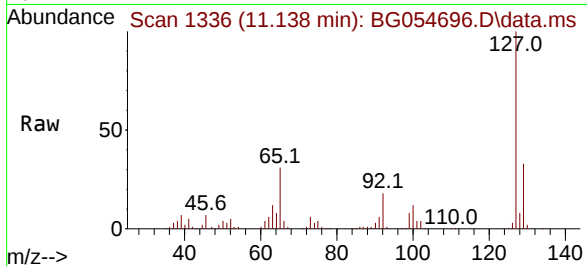




#33
4-Chloroaniline
Concen: 31.933 ng
RT: 11.138 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

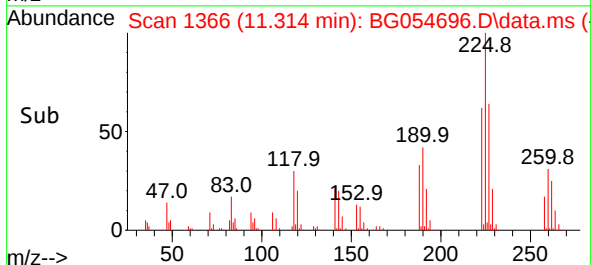
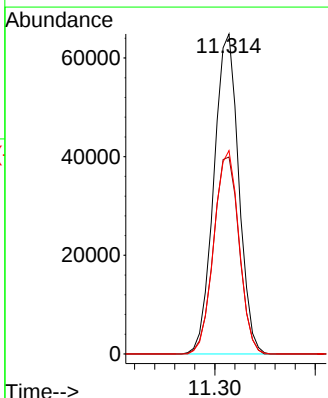
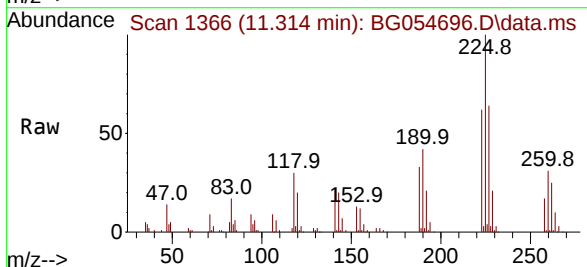
Instrument :
BNA_G
ClientSampleId :
PB147112BS

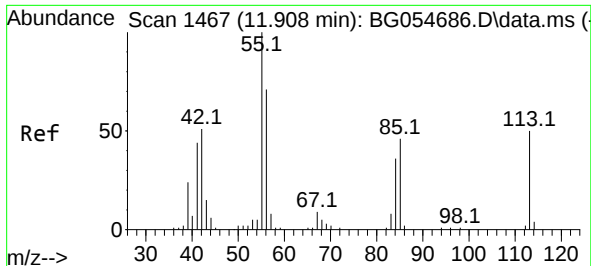
Tgt Ion:	127	Resp:	177025
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	31.0	25.8	38.8
92	18.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.775 ng
RT: 11.314 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:	225	Resp:	111429
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.0
227	63.5	52.6	79.0

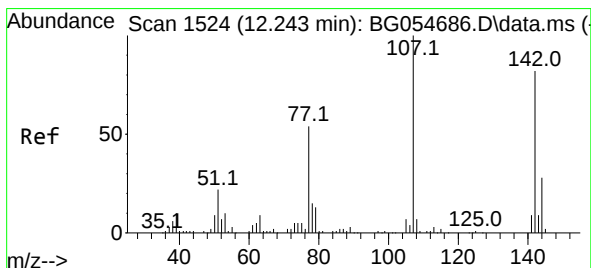
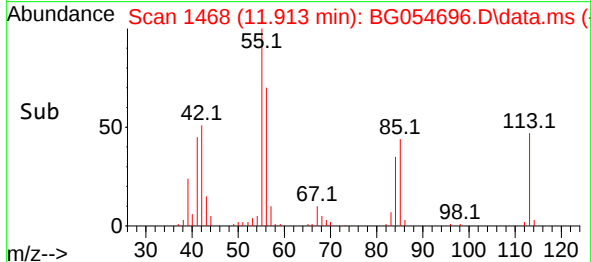
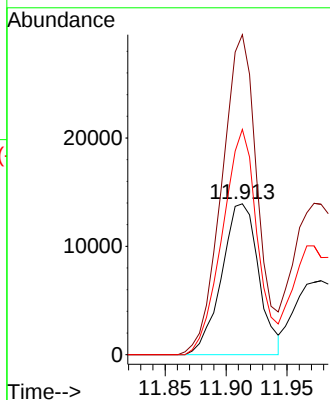
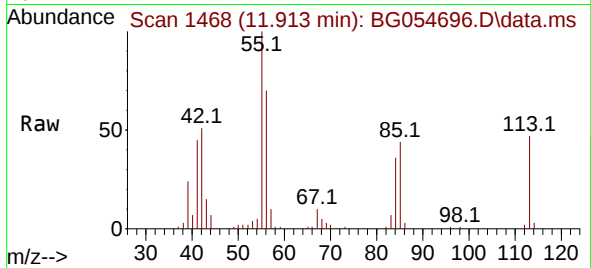




#35
 Caprolactam
 Concen: 27.576 ng
 RT: 11.913 min Scan# 1468
 Delta R.T. 0.005 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

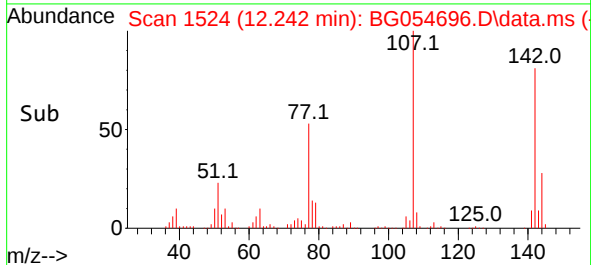
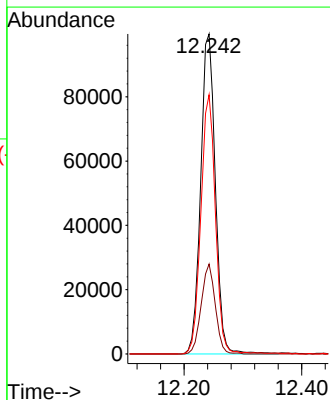
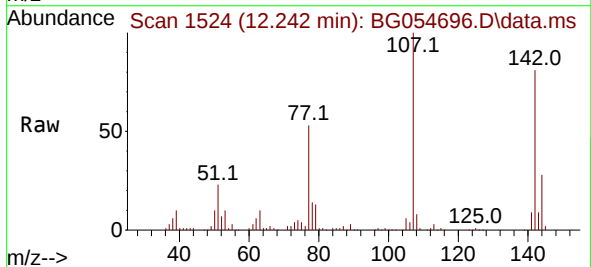
Instrument :
 BNA_G
 ClientSampleId :
 PB147112BS

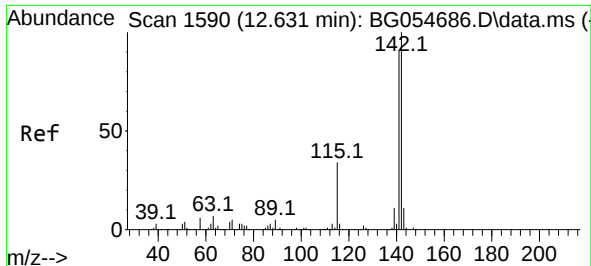
Tgt Ion:113 Resp: 29411
 Ion Ratio Lower Upper
 113 100
 55 212.0 179.1 219.1
 56 149.3 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.584 ng
 RT: 12.242 min Scan# 1524
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Tgt Ion:107 Resp: 172721
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.4 33.6
 142 81.0 65.8 98.8

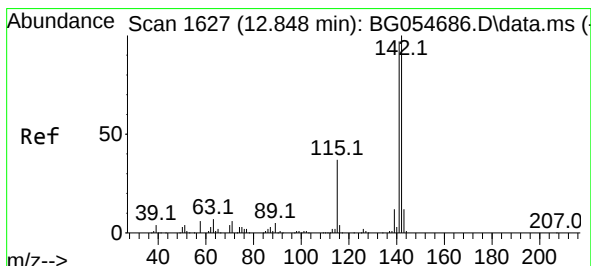
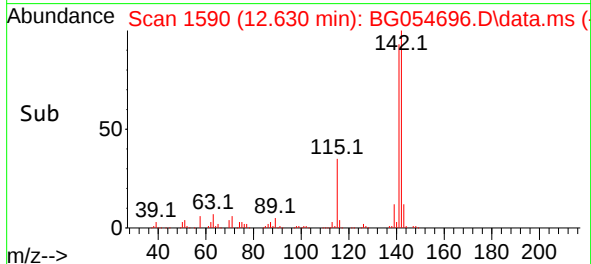
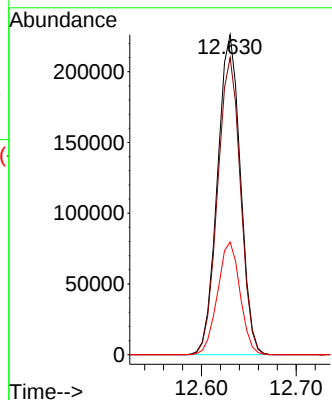
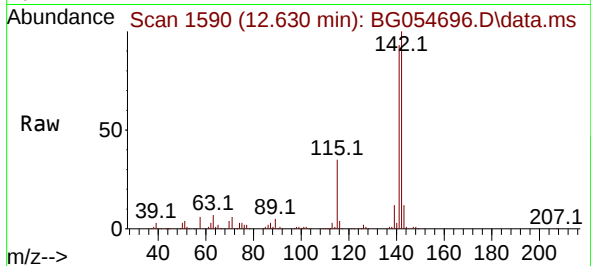




#37
2-Methylnaphthalene
Concen: 39.422 ng
RT: 12.630 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

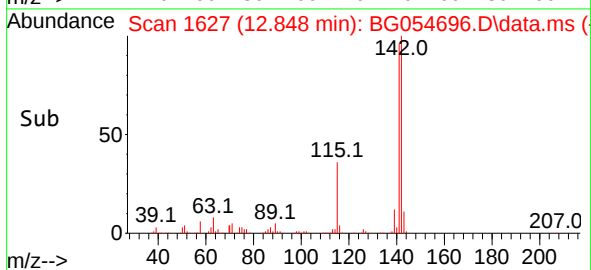
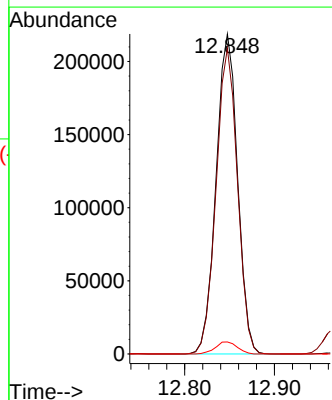
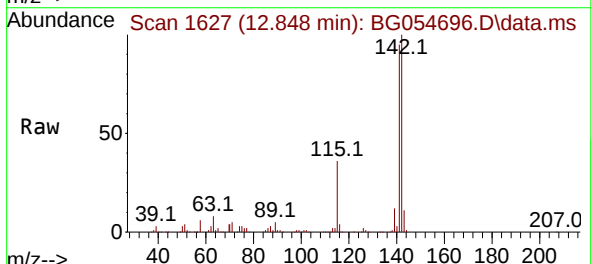
Instrument :
BNA_G
ClientSampleId :
PB147112BS

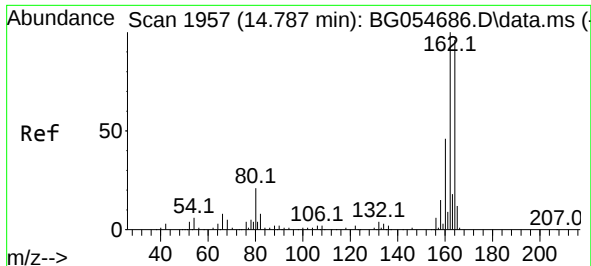
Tgt Ion:142 Resp: 380367
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.4
115 35.2 27.3 40.9



#38
1-Methylnaphthalene
Concen: 38.910 ng
RT: 12.848 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:142 Resp: 363065
Ion Ratio Lower Upper
142 100
141 95.5 77.4 116.0
116 3.8 3.0 4.4

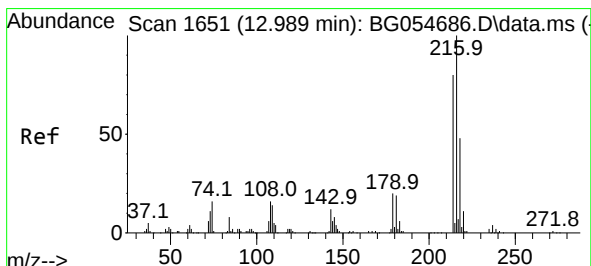
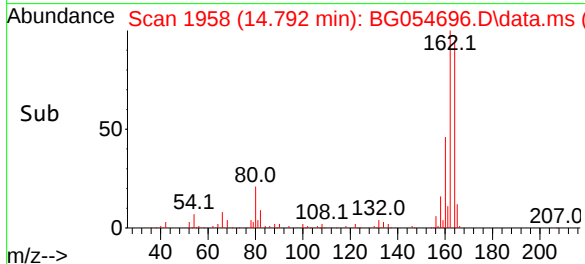
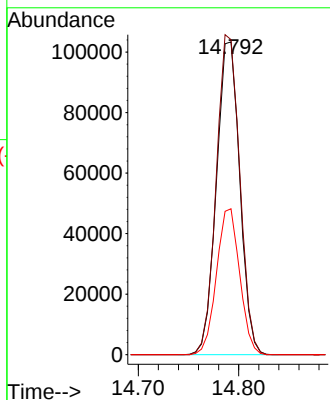
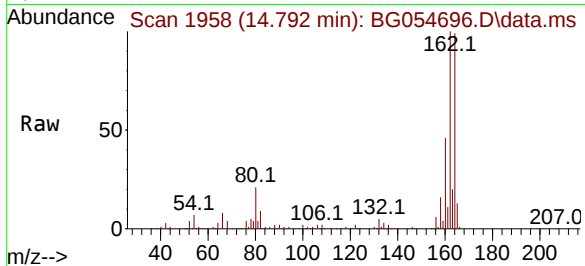




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

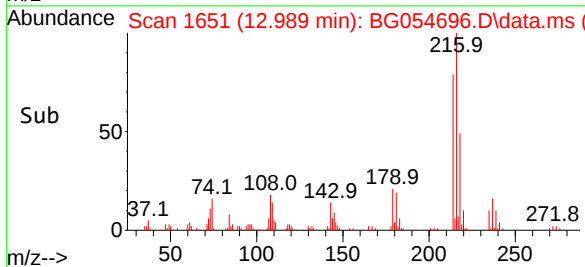
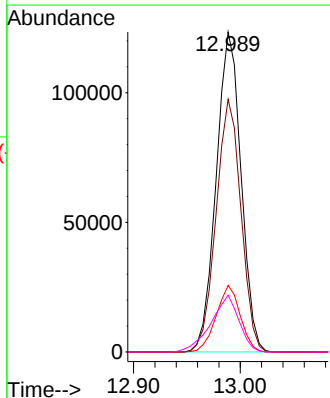
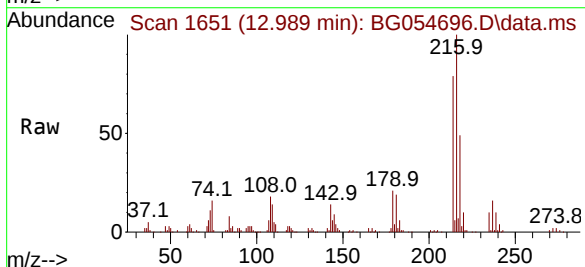
Instrument :
BNA_G
ClientSampleId :
PB147112BS

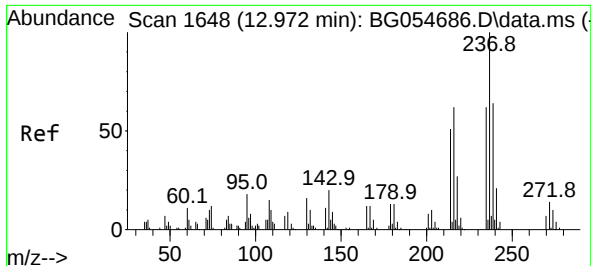
Tgt Ion:164 Resp: 166383
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.4
160 46.7 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.782 ng
RT: 12.989 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

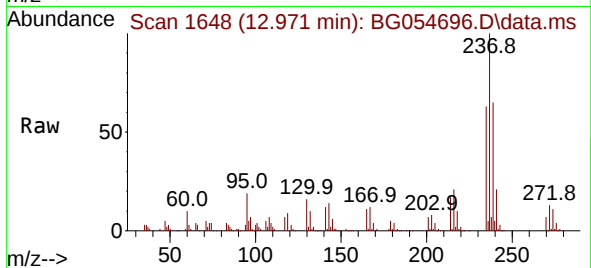
Tgt Ion:216 Resp: 199218
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 20.2 16.5 24.7
108 20.0 13.9 20.9



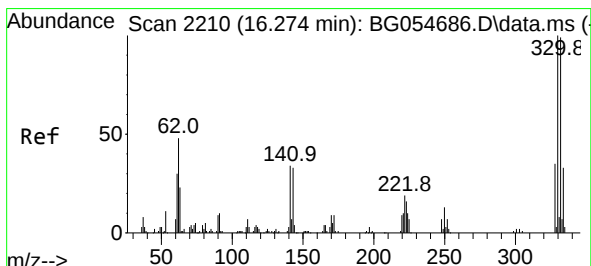
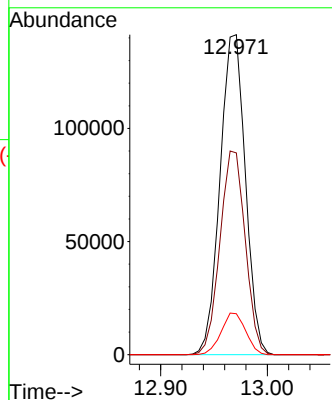
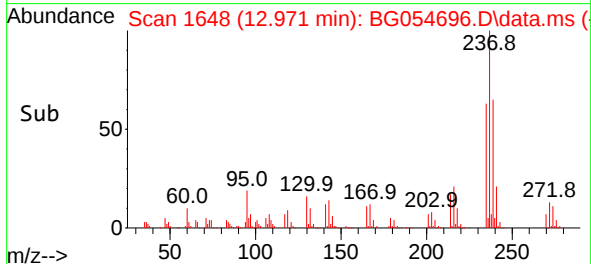


#41
Hexachlorocyclopentadiene
Concen: 109.307 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

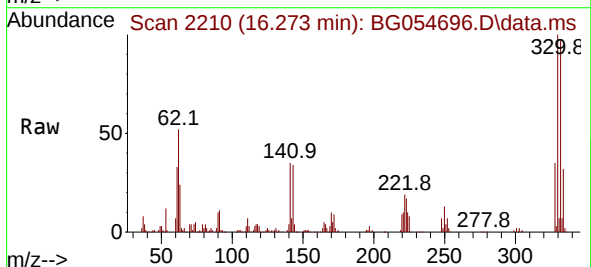
Instrument :
BNA_G
ClientSampleId :
PB147112BS



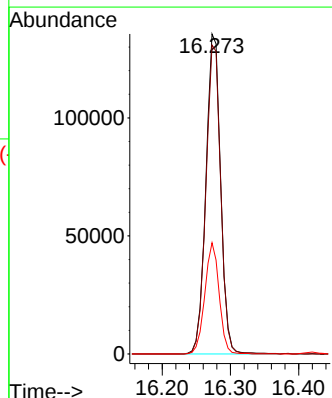
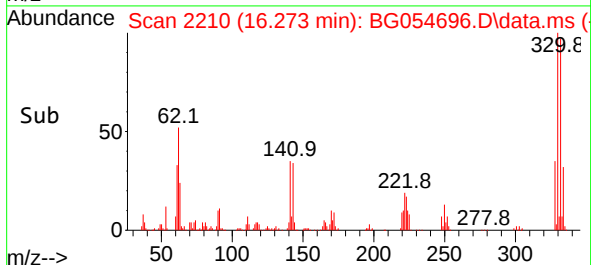
Tgt Ion:237 Resp: 233388
Ion Ratio Lower Upper
237 100
235 63.1 42.2 82.2
272 12.8 0.0 34.0

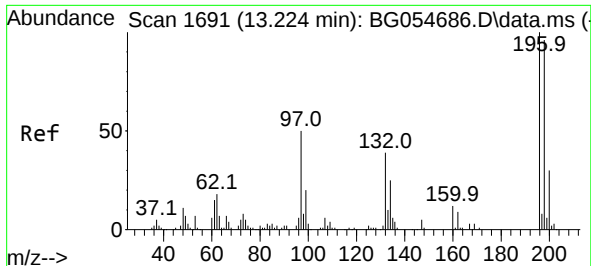


#42
2,4,6-Tribromophenol
Concen: 152.421 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10



Tgt Ion:330 Resp: 203096
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 33.8 26.8 40.2

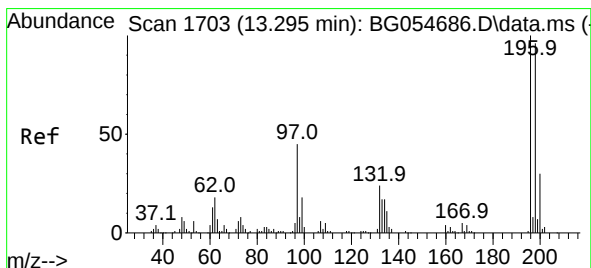
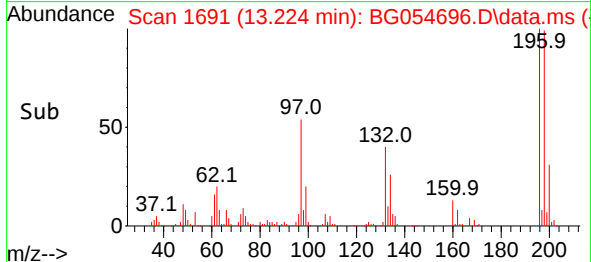
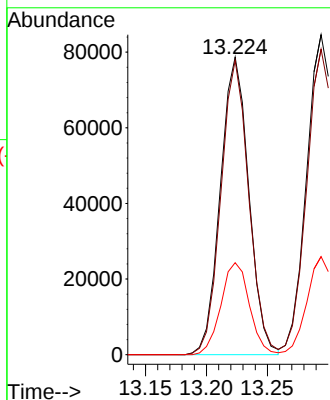
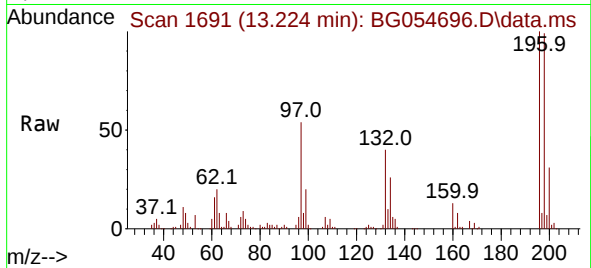




#43
2,4,6-Trichlorophenol
Concen: 47.331 ng
RT: 13.224 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

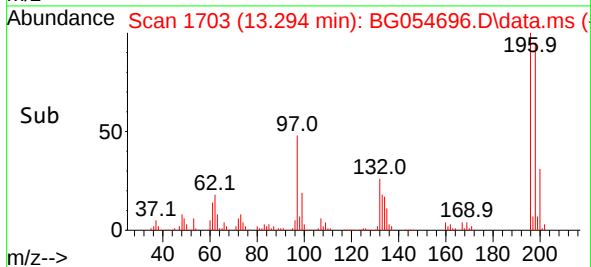
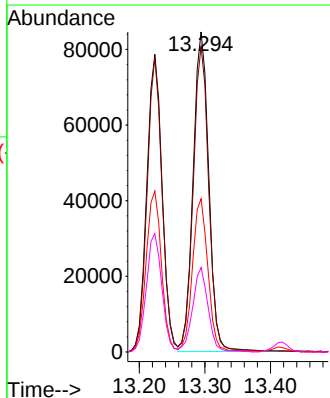
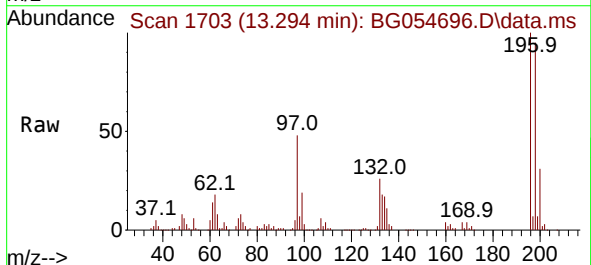
Instrument :
BNA_G
ClientSampleId :
PB147112BS

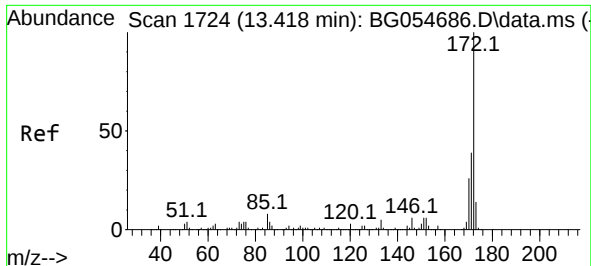
Tgt Ion:196 Resp: 127732
Ion Ratio Lower Upper
196 100
198 98.9 77.1 115.7
200 30.9 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 46.036 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:196 Resp: 140609
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
97 47.8 36.6 55.0
132 26.4 19.5 29.3

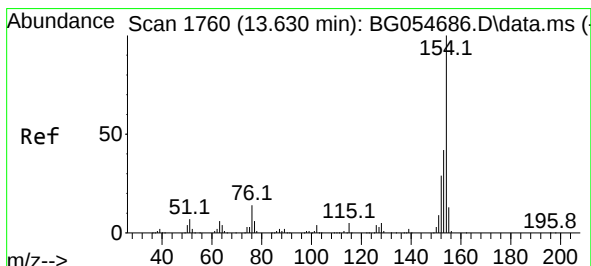
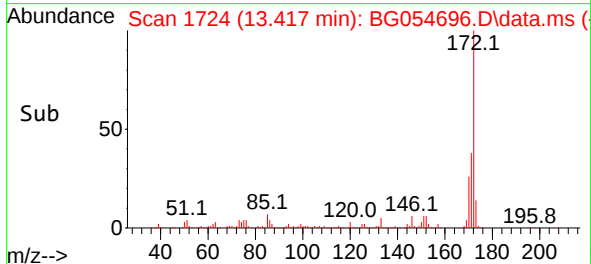
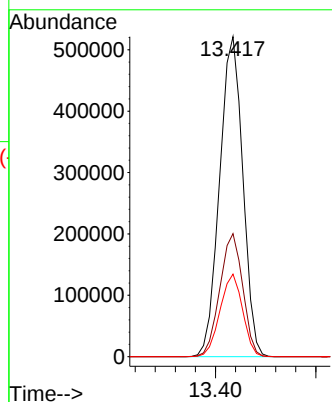
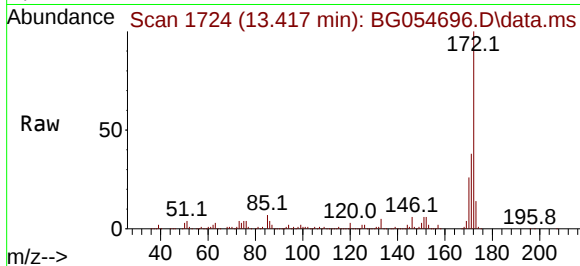




#45
2-Fluorobiphenyl
Concen: 74.077 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

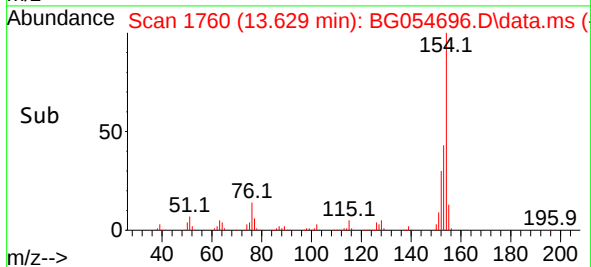
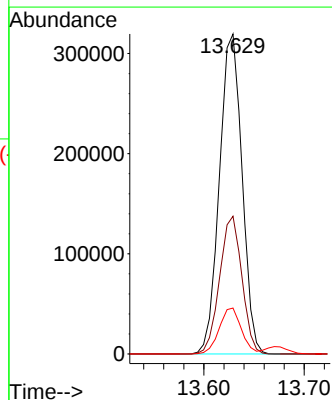
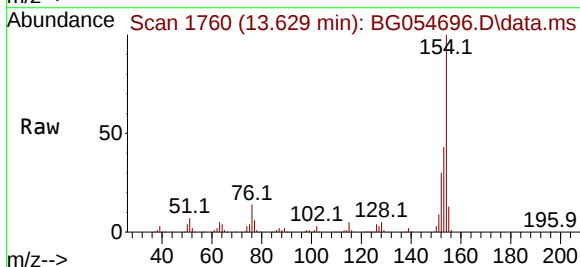
Instrument :
BNA_G
ClientSampleId :
PB147112BS

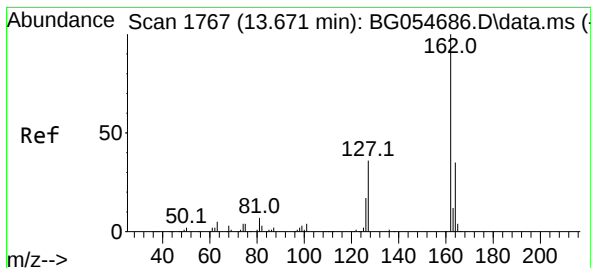
Tgt Ion:172 Resp: 835775
Ion Ratio Lower Upper
172 100
171 38.5 31.2 46.8
170 25.8 20.6 30.8



#46
1,1'-Biphenyl
Concen: 39.609 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:154 Resp: 498666
Ion Ratio Lower Upper
154 100
153 43.1 22.2 62.2
76 14.3 0.0 34.0

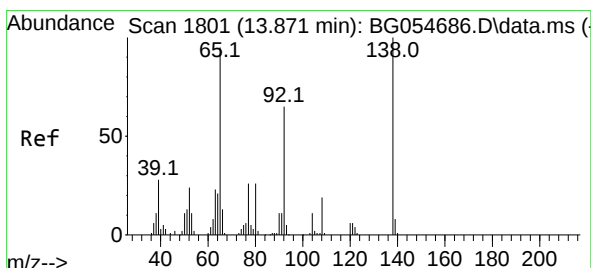
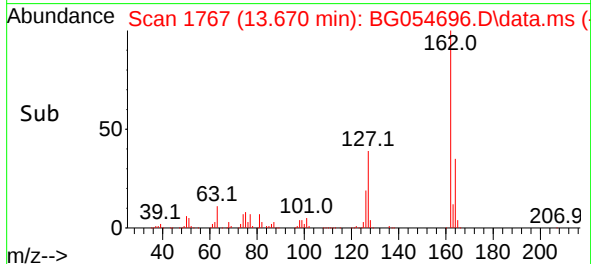
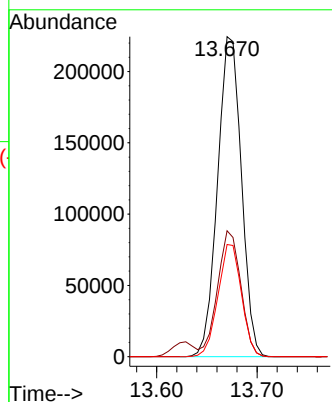
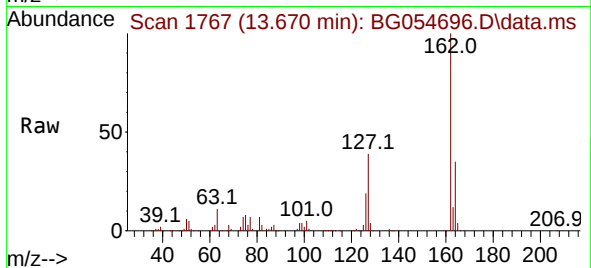




#47
2-Chloronaphthalene
Concen: 38.521 ng
RT: 13.670 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

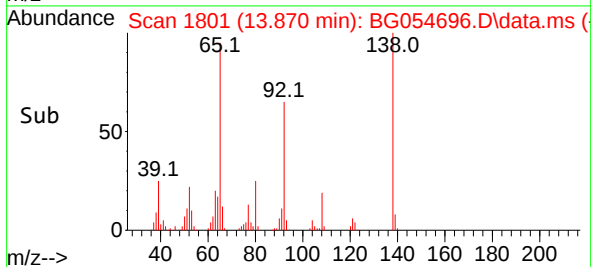
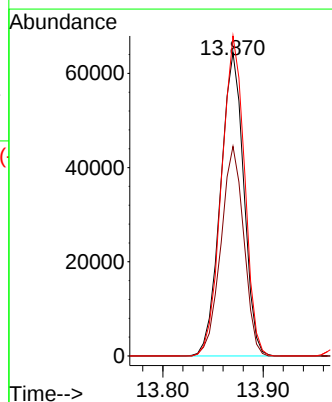
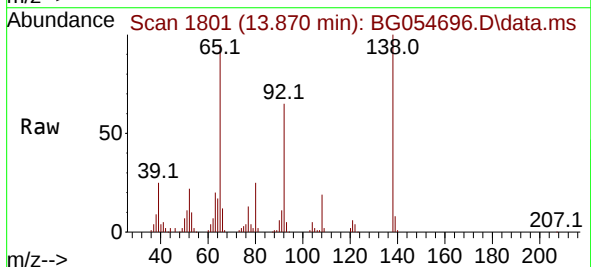
Instrument :
BNA_G
ClientSampleId :
PB147112BS

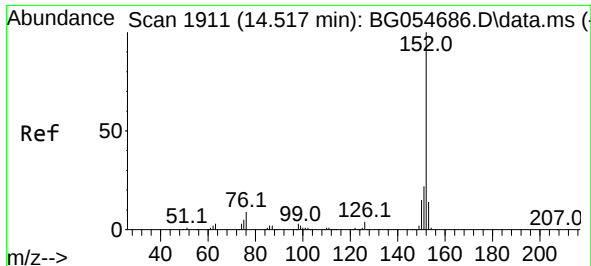
Tgt Ion:162 Resp: 369951
Ion Ratio Lower Upper
162 100
127 39.4 31.5 47.3
164 35.0 27.8 41.6



#48
2-Nitroaniline
Concen: 43.833 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 65 Resp: 103213
Ion Ratio Lower Upper
65 100
92 69.1 54.7 82.1
138 105.5 84.1 126.1

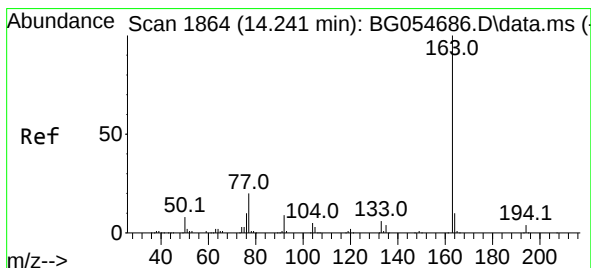
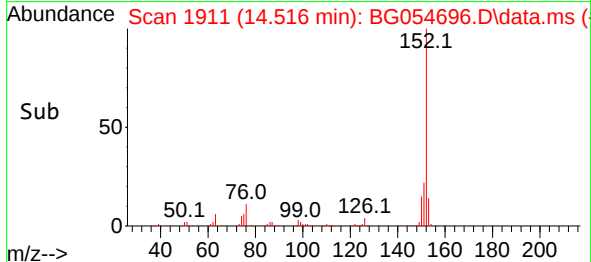
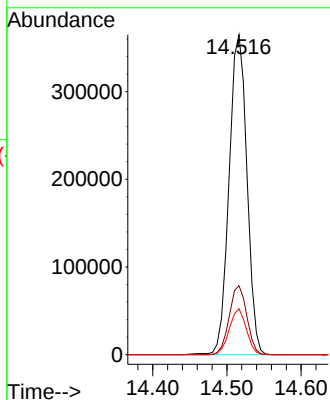
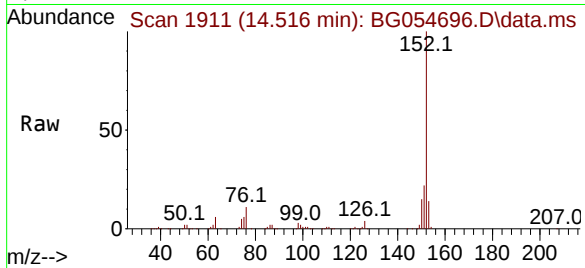




#49
Acenaphthylene
Concen: 39.072 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

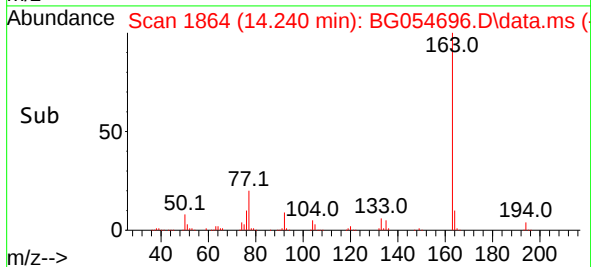
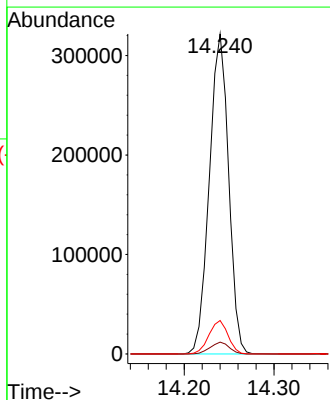
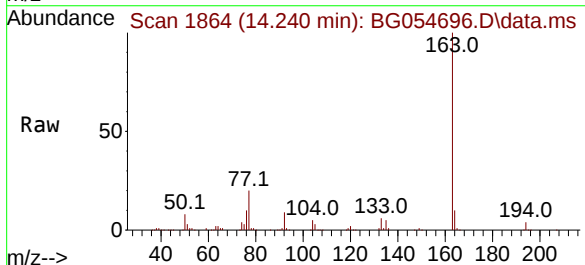
Instrument :
BNA_G
ClientSampleId :
PB147112BS

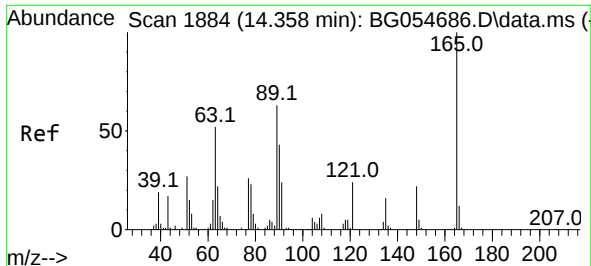
Tgt Ion:152 Resp: 609923
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9
153 14.3 10.8 16.2



#50
Dimethylphthalate
Concen: 42.724 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:163 Resp: 478673
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.0 12.0

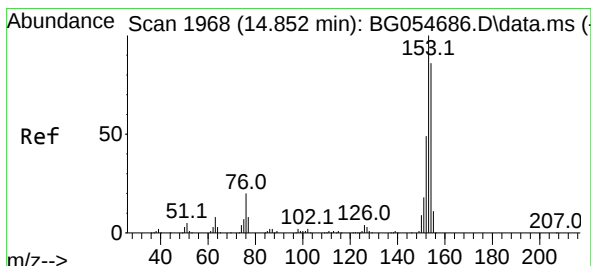
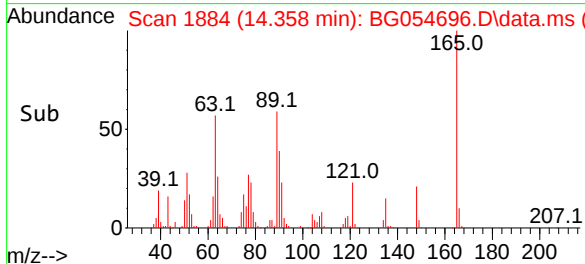
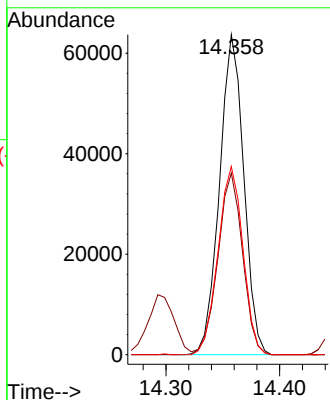
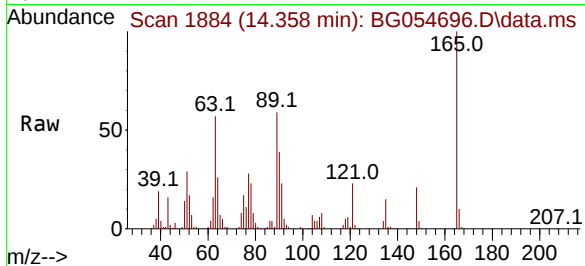




#51
2,6-Dinitrotoluene
Concen: 46.346 ng
RT: 14.358 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

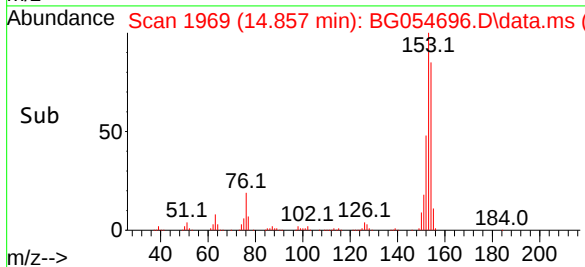
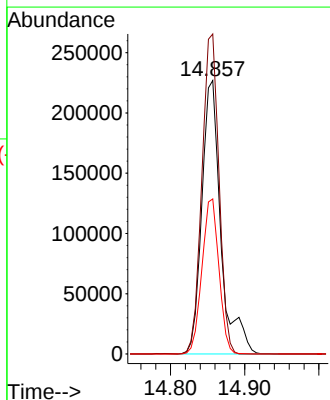
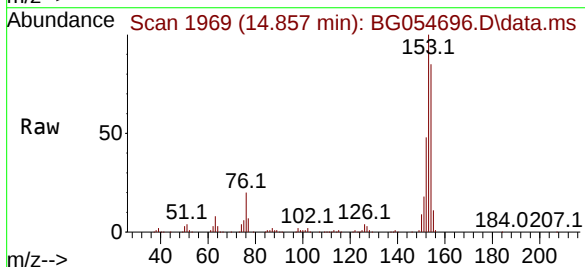
Instrument :
BNA_G
ClientSampleId :
PB147112BS

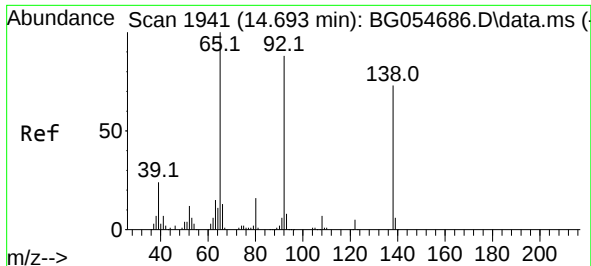
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.8	46.0	69.0
89	58.8	50.3	75.5



#52
Acenaphthene
Concen: 42.219 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	92.8	139.2
152	56.7	45.4	68.2

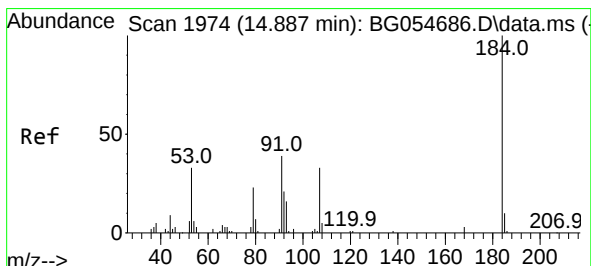
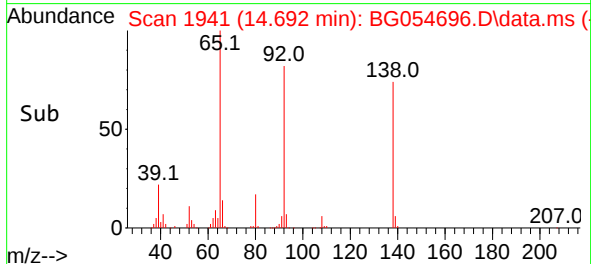
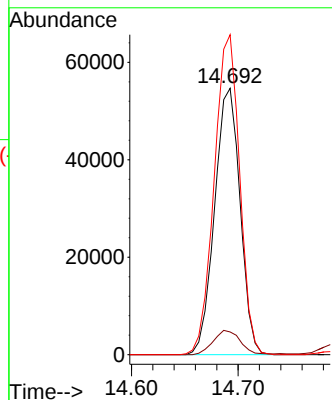
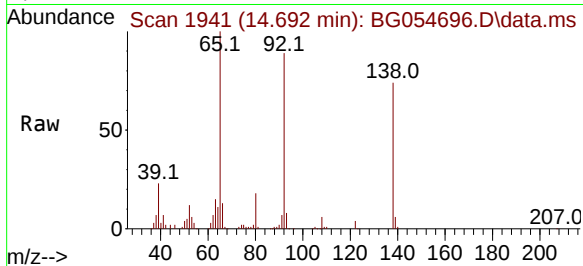




#53
3-Nitroaniline
Concen: 38.539 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

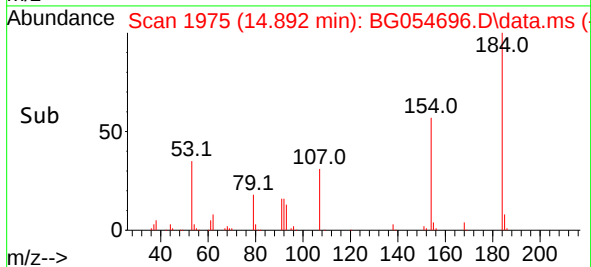
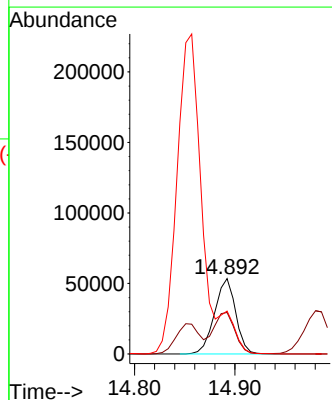
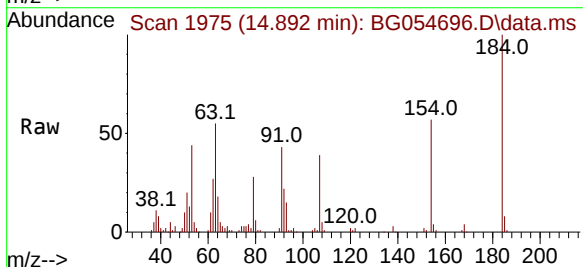
Instrument :
BNA_G
ClientSampleId :
PB147112BS

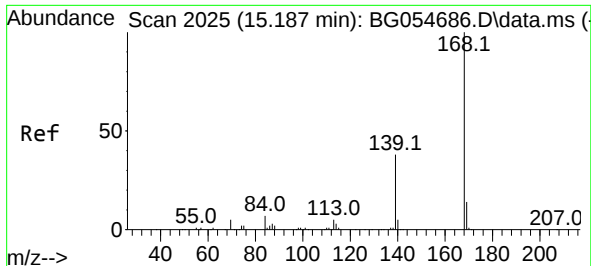
Tgt Ion:138 Resp: 90559
Ion Ratio Lower Upper
138 100
108 8.6 7.6 11.4
92 120.1 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 107.310 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:184 Resp: 77989
Ion Ratio Lower Upper
184 100
63 55.1 41.8 62.8
154 57.0 45.2 67.8

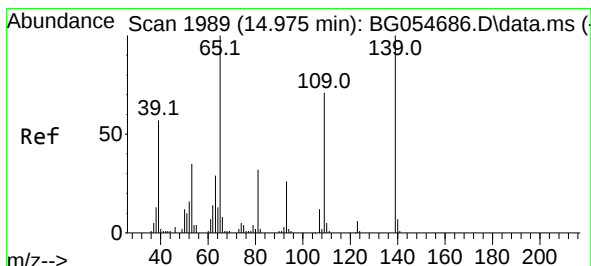
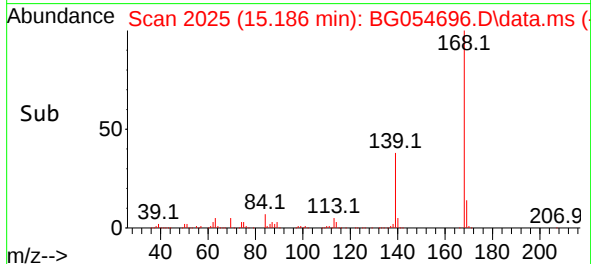
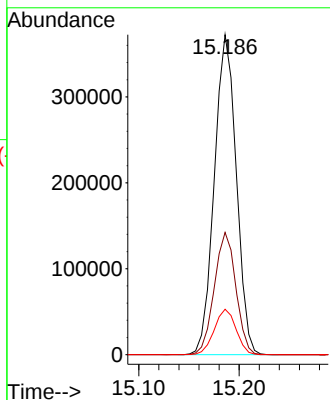
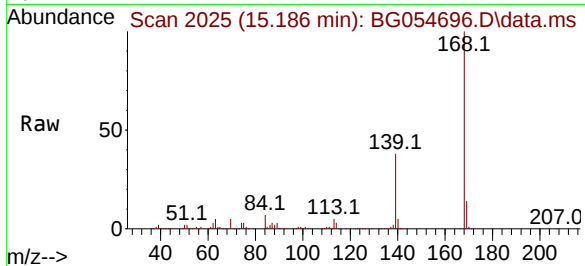




#55
Dibenzofuran
Concen: 38.957 ng
RT: 15.186 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

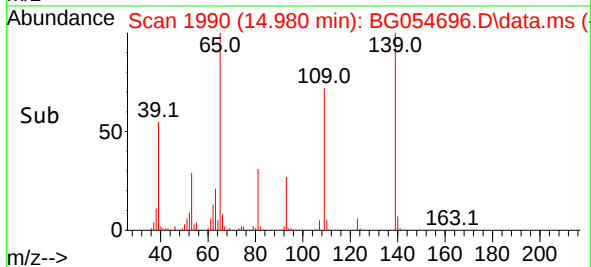
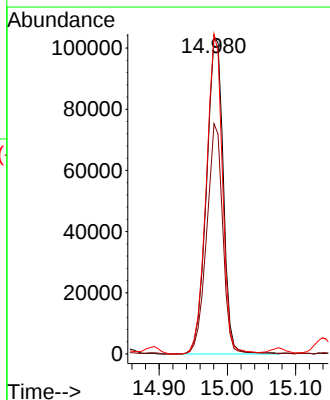
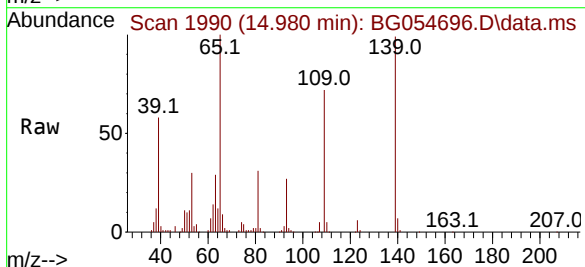
Instrument :
BNA_G
ClientSampleId :
PB147112BS

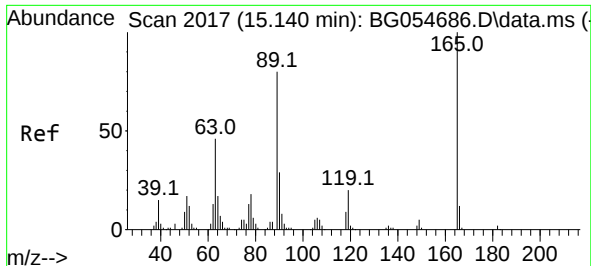
Tgt Ion:168 Resp: 565032
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.2
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 101.344 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:139 Resp: 177004
Ion Ratio Lower Upper
139 100
109 72.5 50.5 90.5
65 100.7 79.9 119.9

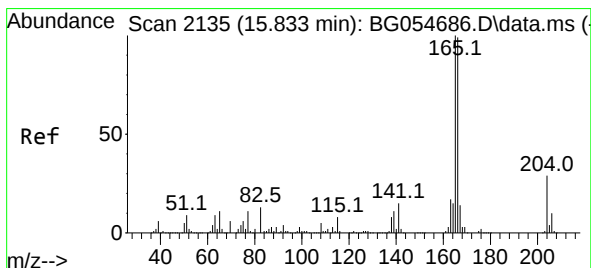
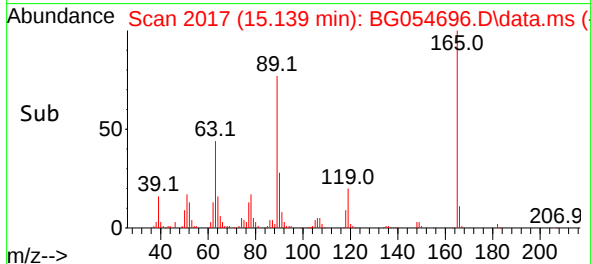
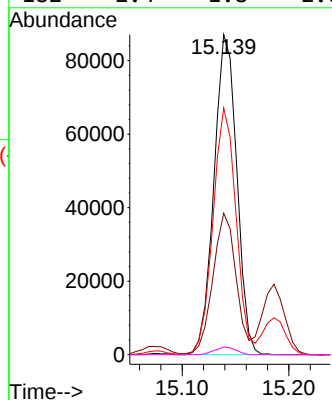
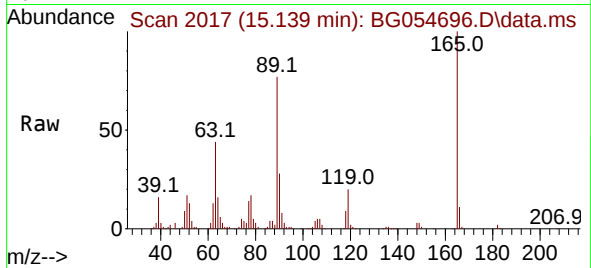




#57
2,4-Dinitrotoluene
Concen: 42.981 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

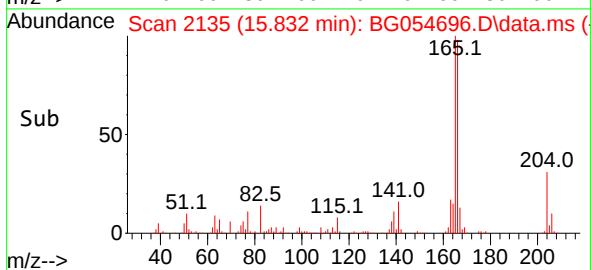
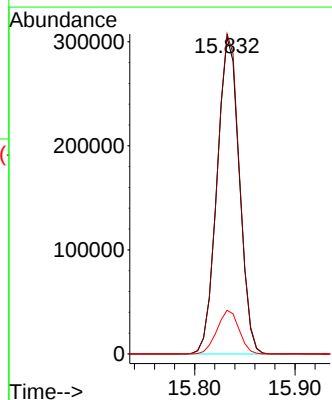
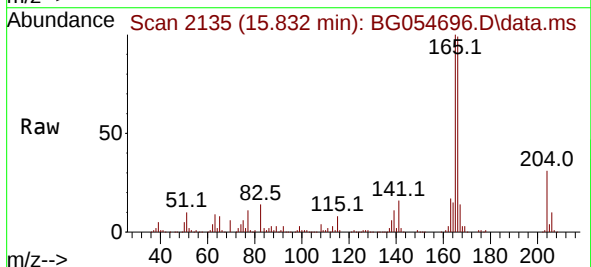
Instrument :
BNA_G
ClientSampleId :
PB147112BS

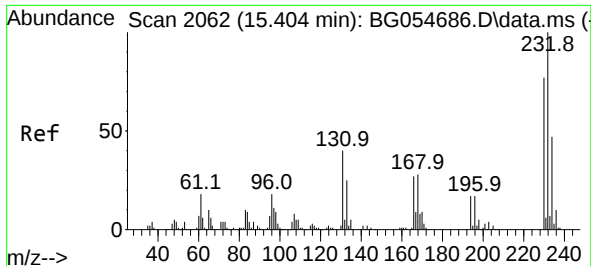
Tgt Ion:165 Resp: 129400
Ion Ratio Lower Upper
165 100
63 44.2 36.8 55.2
89 77.1 64.3 96.5
182 2.4 1.8 2.6



#58
Fluorene
Concen: 38.992 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:166 Resp: 467520
Ion Ratio Lower Upper
166 100
165 101.0 80.8 121.2
167 13.8 11.4 17.0

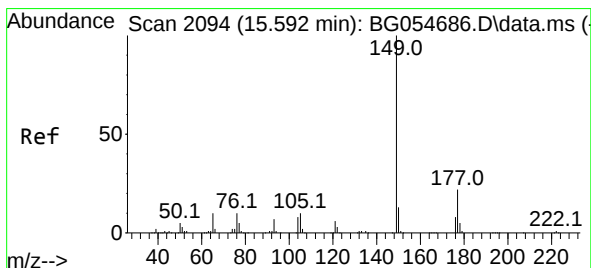
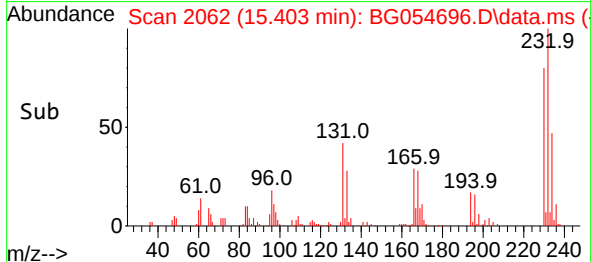
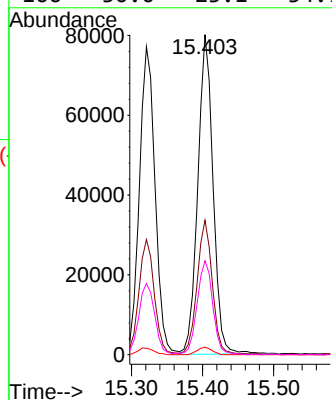
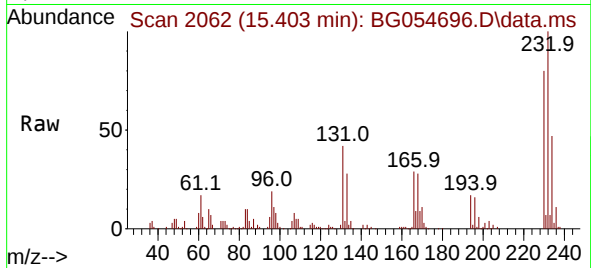




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.172 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

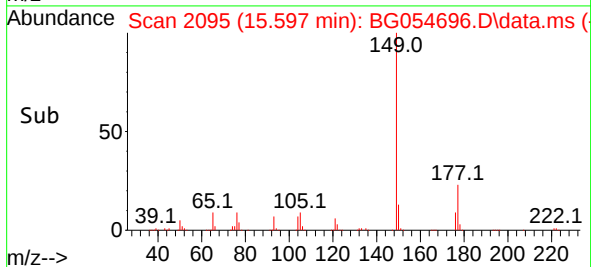
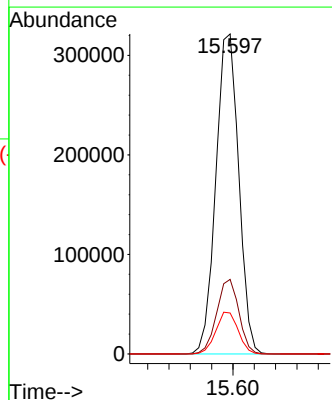
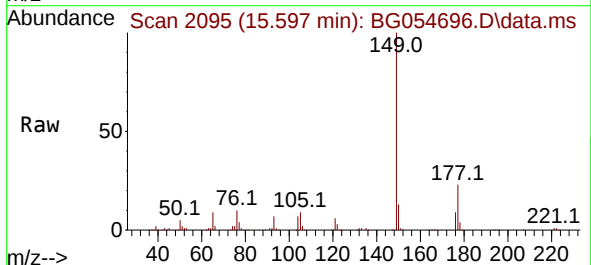
Instrument :
BNA_G
ClientSampleId :
PB147112BS

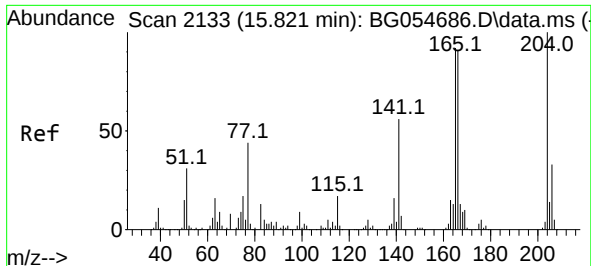
Tgt Ion:232 Resp: 119955
Ion Ratio Lower Upper
232 100
131 41.2 31.3 46.9
130 2.2 1.8 2.6
166 30.0 23.1 34.7



#60
Diethylphthalate
Concen: 43.739 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:149 Resp: 478012
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.6
150 12.8 10.1 15.1

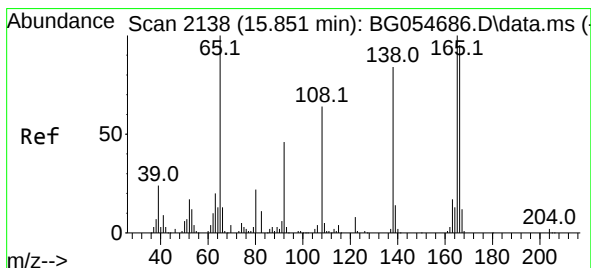
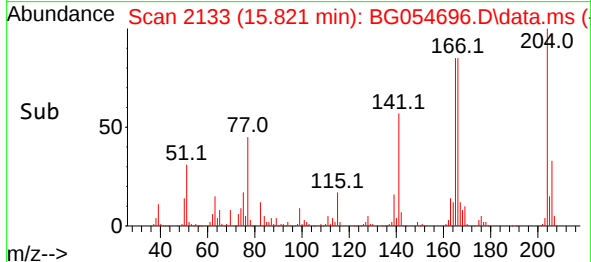
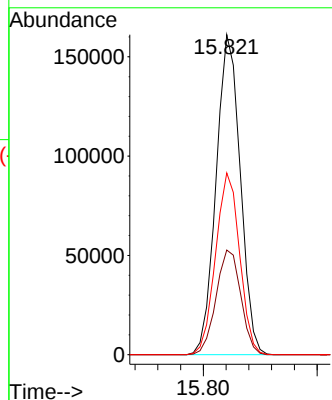
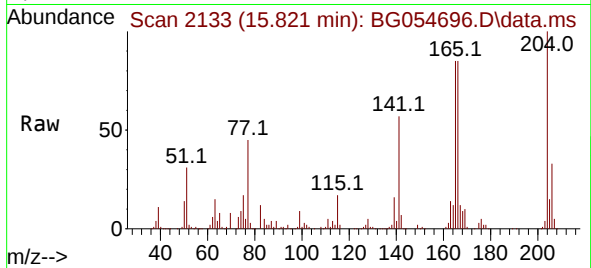




#61
4-Chlorophenyl-phenylether
Concen: 40.090 ng
RT: 15.821 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

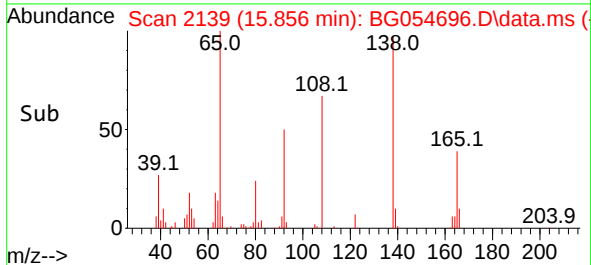
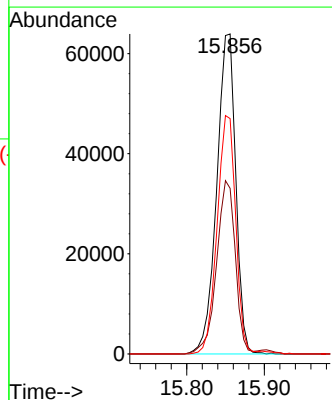
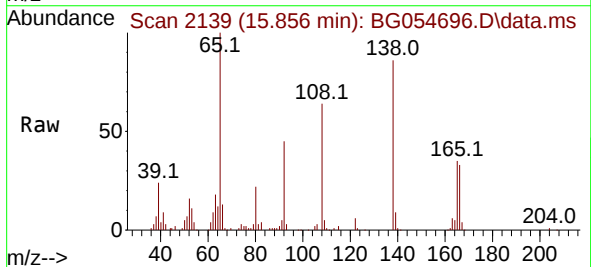
Instrument :
BNA_G
ClientSampleId :
PB147112BS

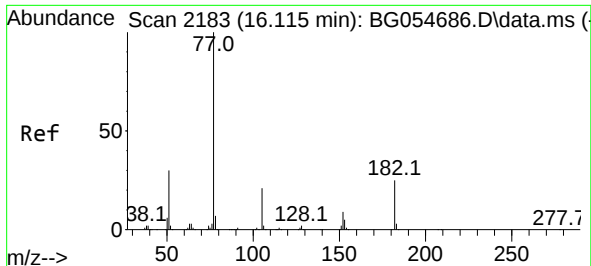
Tgt Ion:204 Resp: 238033
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 56.8 44.9 67.3



#62
4-Nitroaniline
Concen: 42.648 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:138 Resp: 109210
Ion Ratio Lower Upper
138 100
92 51.8 34.7 74.7
108 73.6 56.2 96.2

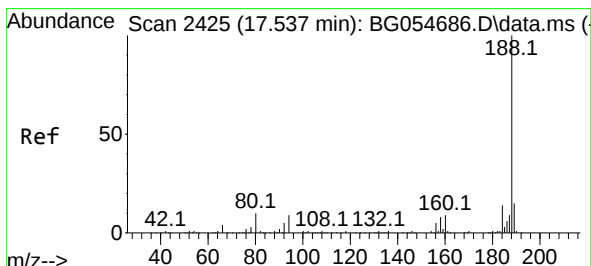
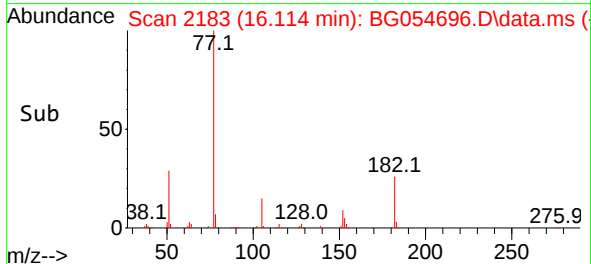
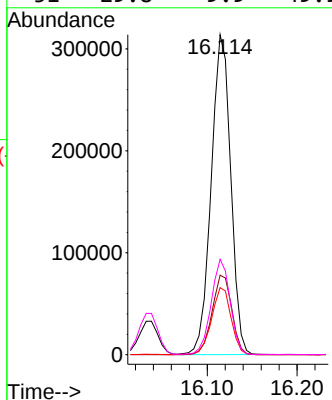
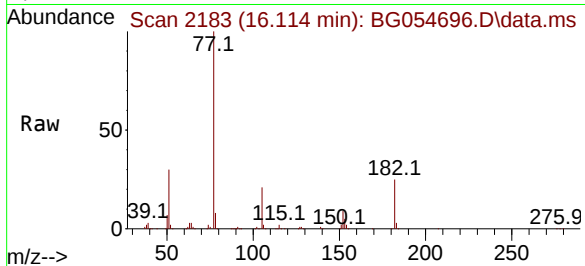




#63
Azobenzene
Concen: 39.009 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

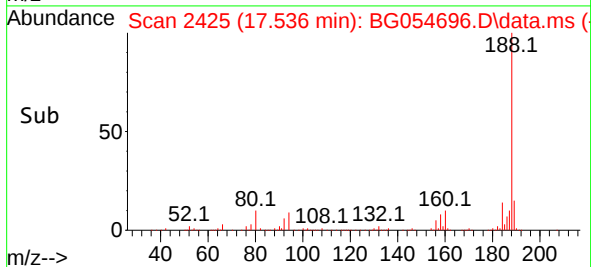
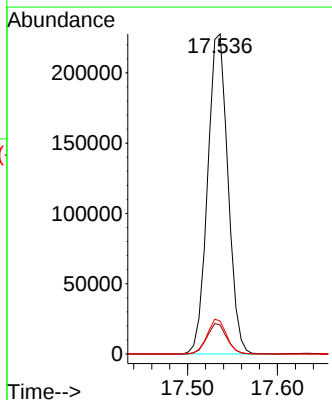
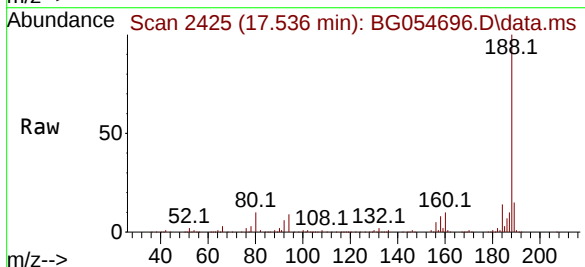
Instrument :
BNA_G
ClientSampleId :
PB147112BS

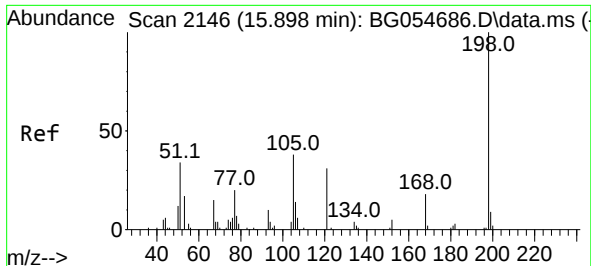
Tgt Ion: 77	Resp: 473471
Ion Ratio	Lower Upper
77 100	
182 24.8	5.1 45.1
105 21.0	0.7 40.7
51 29.8	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion: 188	Resp: 357084
Ion Ratio	Lower Upper
188 100	
94 9.1	7.0 10.4
80 10.2	7.9 11.9

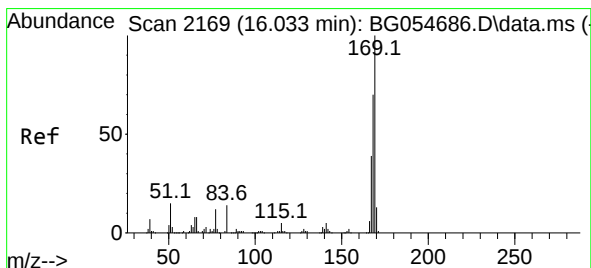
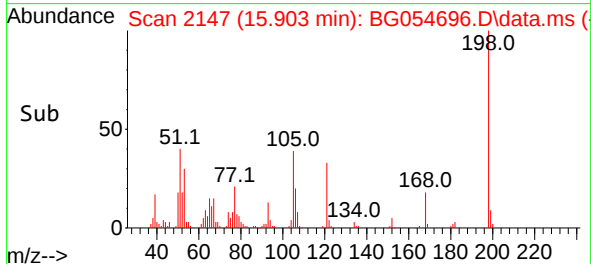
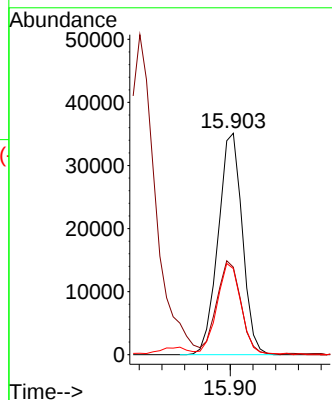
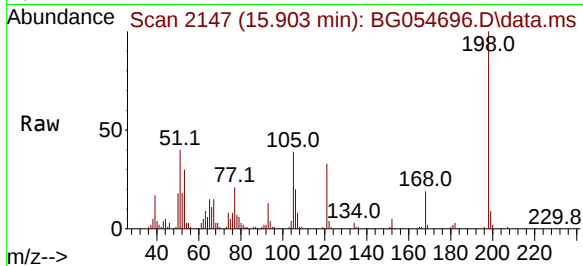




#65
4,6-Dinitro-2-methylphenol
Concen: 47.397 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

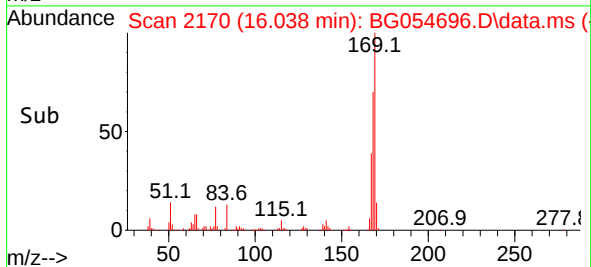
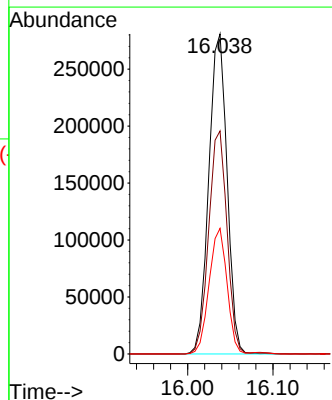
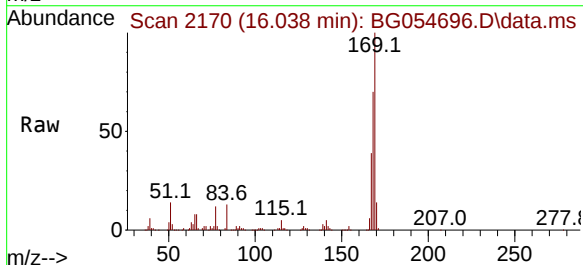
Instrument :
BNA_G
ClientSampleId :
PB147112BS

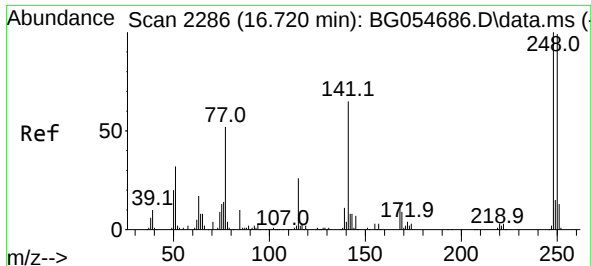
Tgt Ion:198 Resp: 51699
Ion Ratio Lower Upper
198 100
51 39.6 19.9 59.9
105 38.9 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 41.158 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.005 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:169 Resp: 417645
Ion Ratio Lower Upper
169 100
168 69.7 55.6 83.4
167 39.3 30.9 46.3

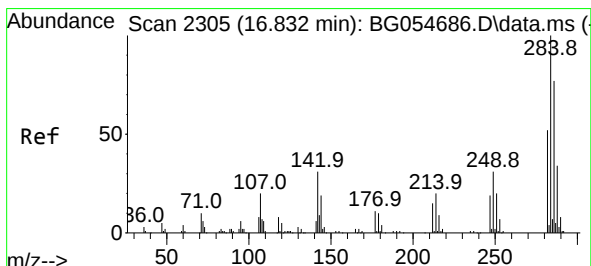
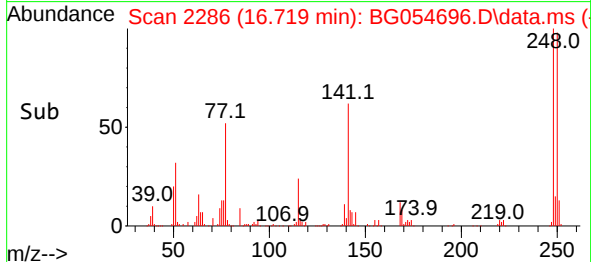
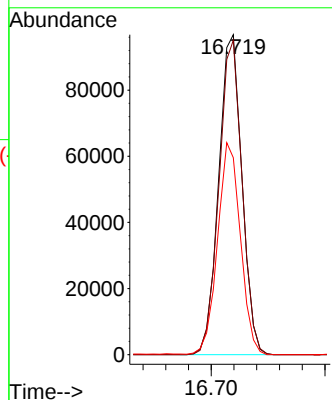
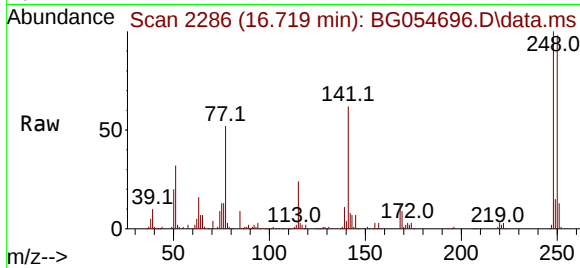




#67
4-Bromophenyl-phenylether
Concen: 39.908 ng
RT: 16.719 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

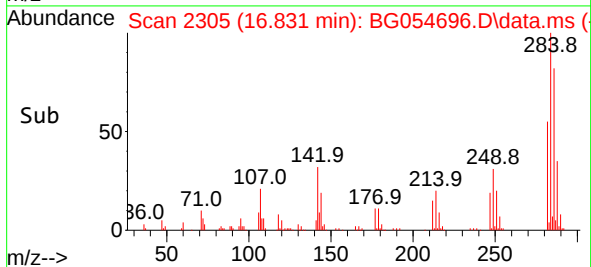
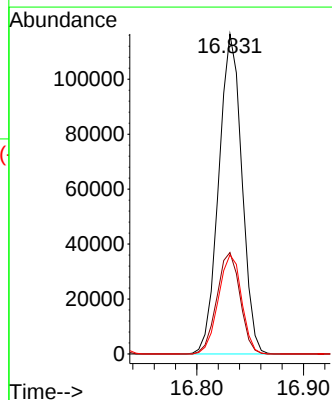
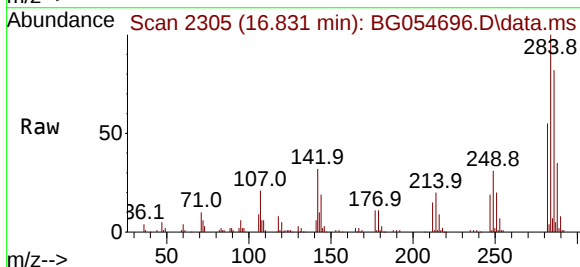
Instrument :
BNA_G
ClientSampleId :
PB147112BS

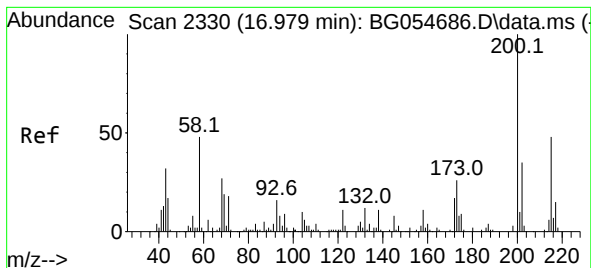
Tgt Ion:248 Resp: 137180
Ion Ratio Lower Upper
248 100
250 98.2 78.8 118.2
141 61.6 51.9 77.9



#68
Hexachlorobenzene
Concen: 40.283 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:284 Resp: 174710
Ion Ratio Lower Upper
284 100
142 31.7 25.0 37.6
249 31.0 24.5 36.7





#69

Atrazine

Concen: 50.458 ng

RT: 16.978 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

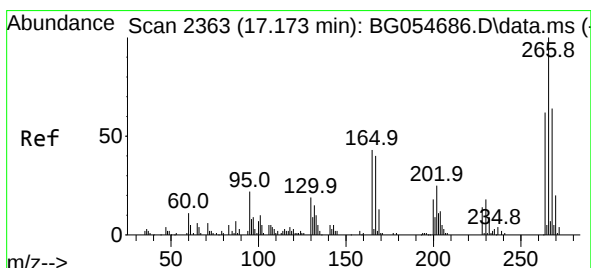
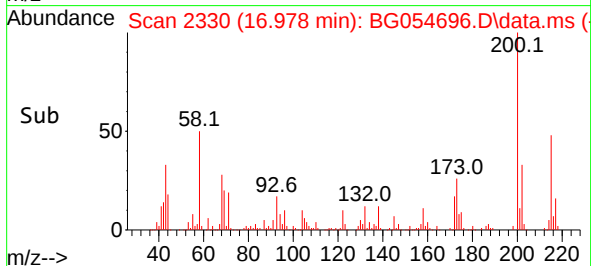
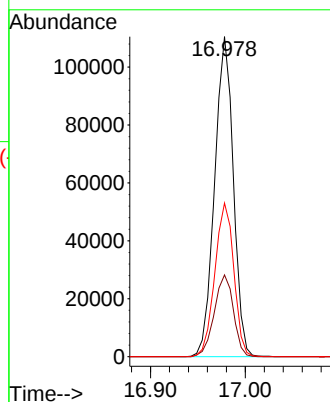
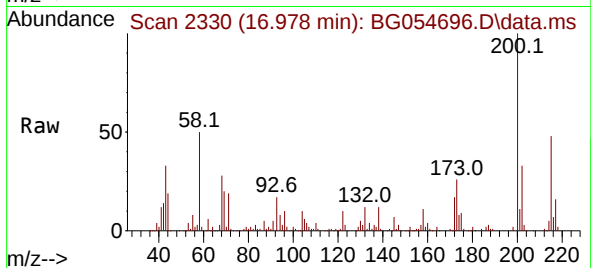
Tgt Ion:200 Resp: 151730

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

215 48.0 28.2 68.2



#70

Pentachlorophenol

Concen: 82.252 ng

RT: 17.172 min Scan# 2363

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

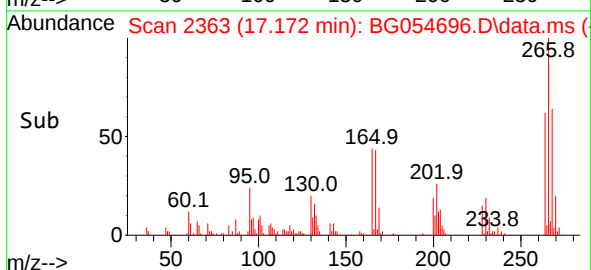
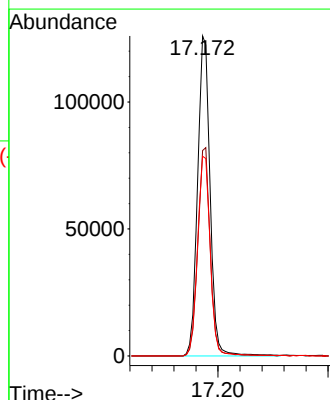
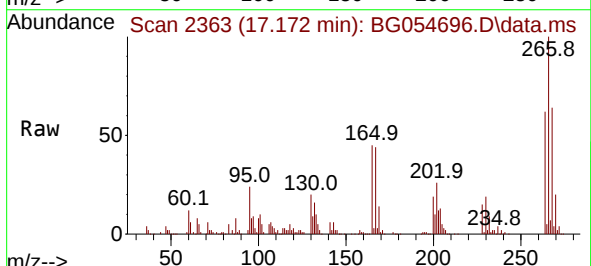
Tgt Ion:266 Resp: 198797

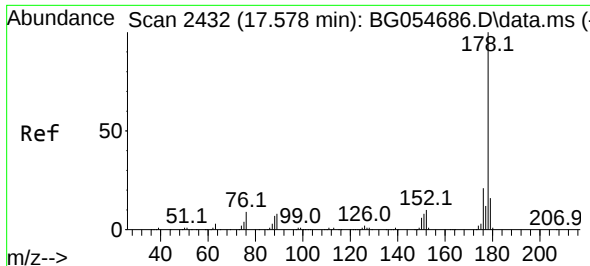
Ion Ratio Lower Upper

266 100

268 64.2 51.2 76.8

264 62.4 49.4 74.0

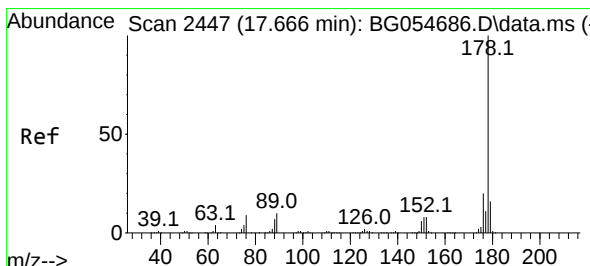
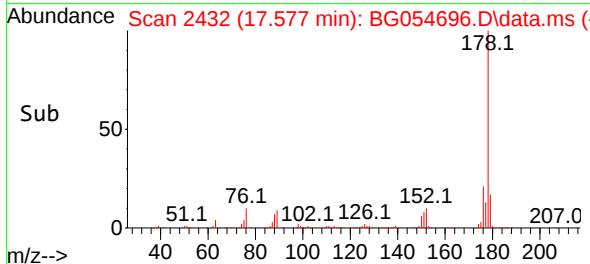
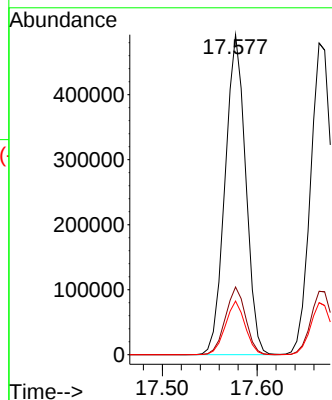
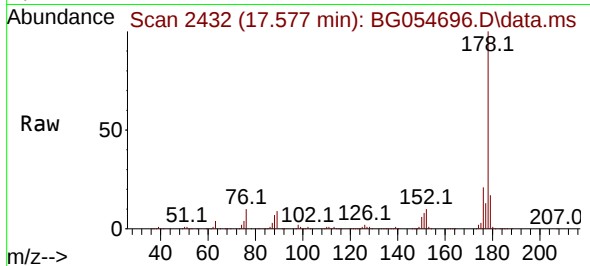




#71
Phenanthrene
Concen: 39.068 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

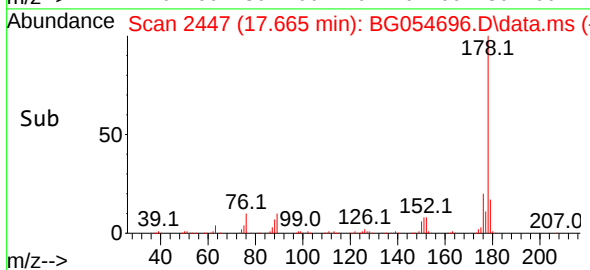
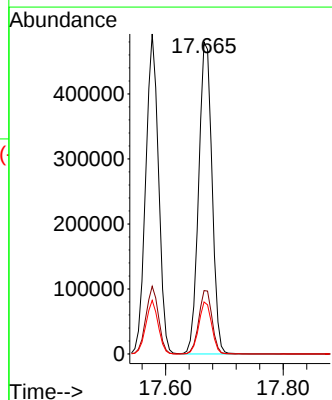
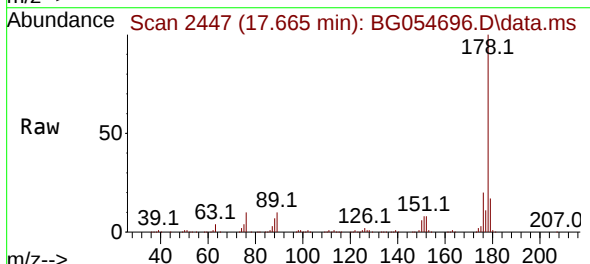
Instrument :
BNA_G
ClientSampleId :
PB147112BS

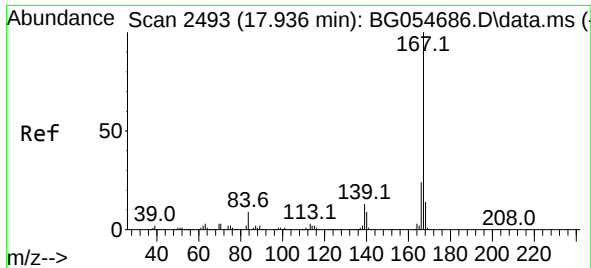
Tgt Ion:178 Resp: 743609
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 16.8 12.8 19.2



#72
Anthracene
Concen: 40.953 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:178 Resp: 755336
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.7 12.9 19.3

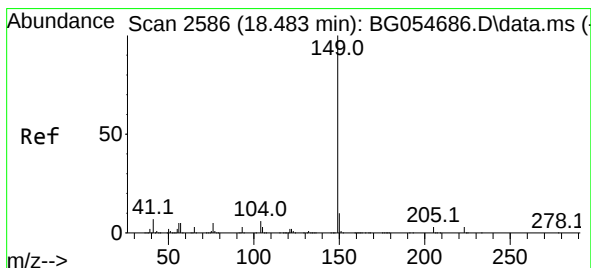
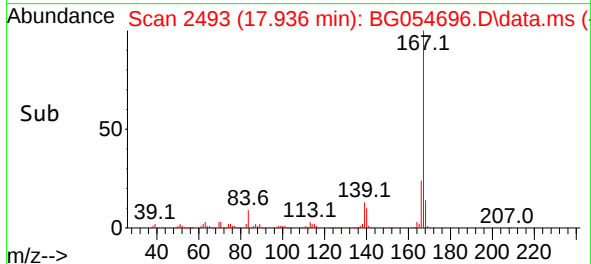
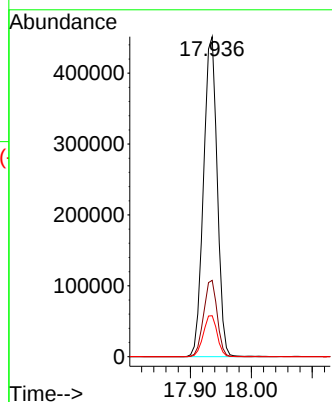
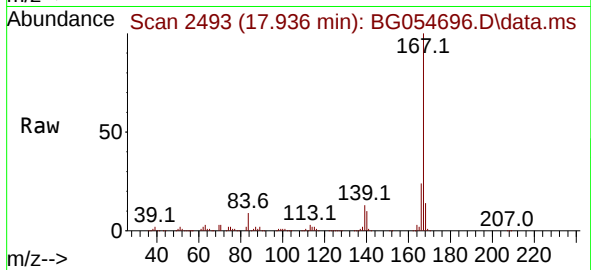




#73
 Carbazole
 Concen: 42.885 ng
 RT: 17.936 min Scan# 2493
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

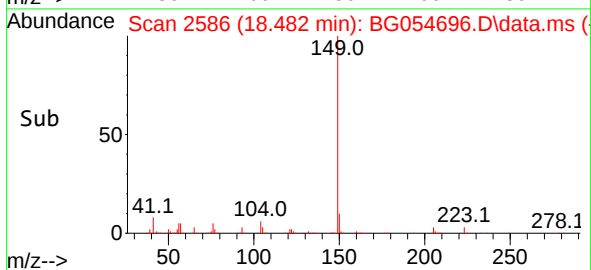
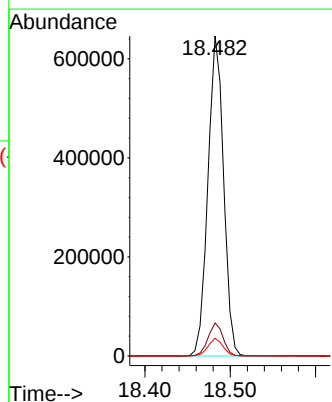
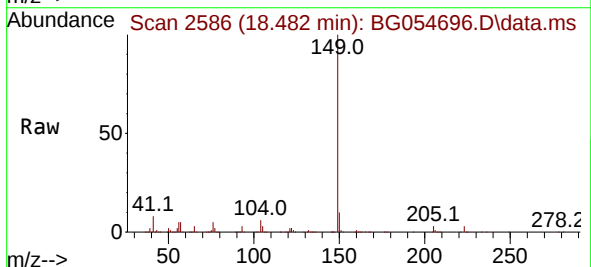
Instrument :
 BNA_G
 ClientSampleId :
 PB147112BS

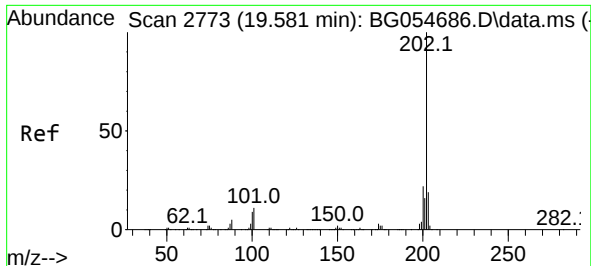
Tgt Ion:167 Resp: 703707
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.8 28.2
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 47.134 ng
 RT: 18.482 min Scan# 2586
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Tgt Ion:149 Resp: 825107
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.0 12.0
 104 5.6 4.4 6.6

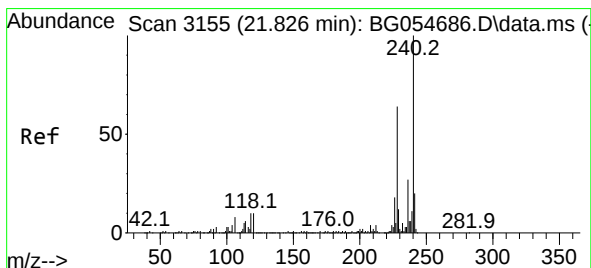
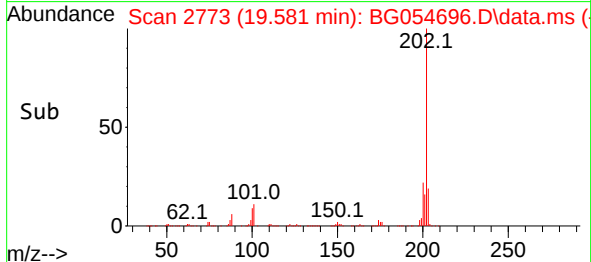
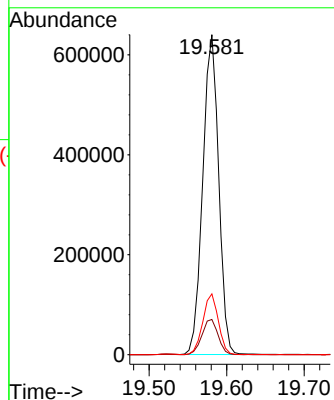
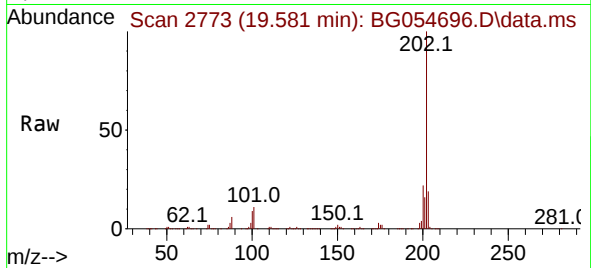




#75
Fluoranthene
Concen: 40.601 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

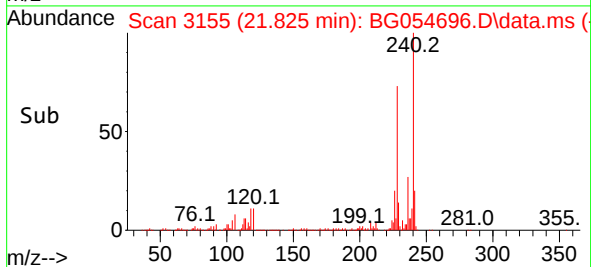
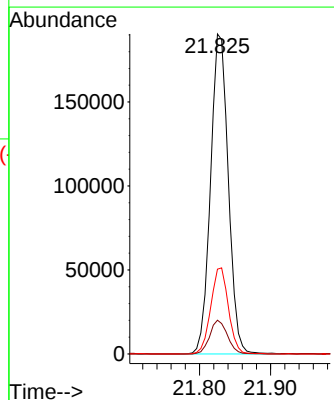
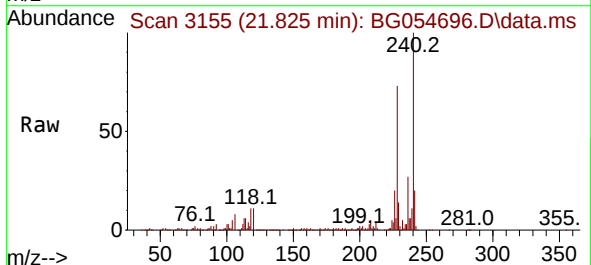
Instrument :
BNA_G
ClientSampleId :
PB147112BS

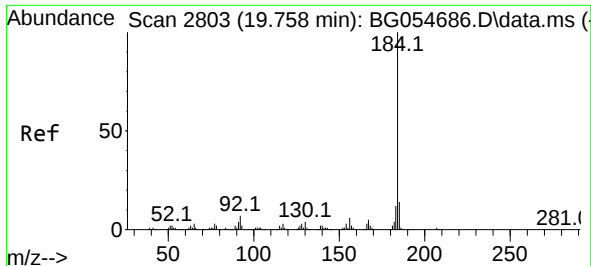
Tgt Ion:202 Resp: 911073
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 19.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:240 Resp: 330392
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.4
236 26.5 21.2 31.8

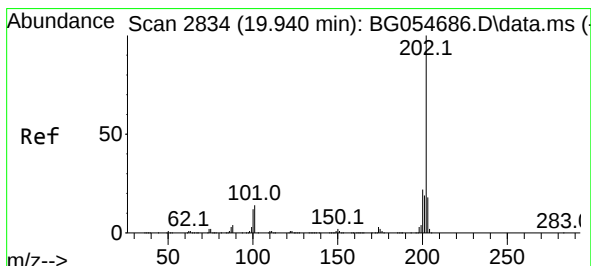
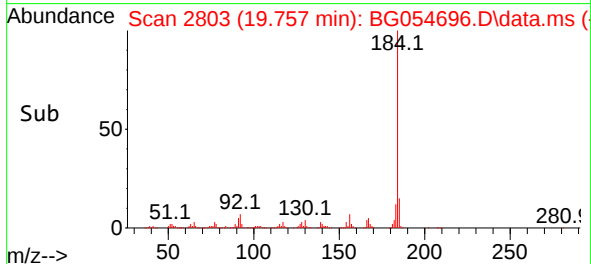
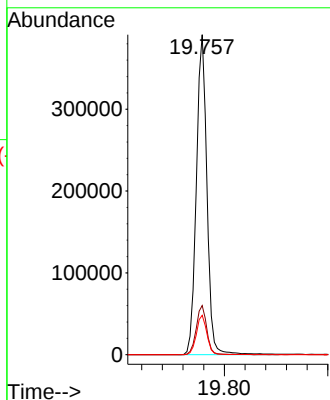
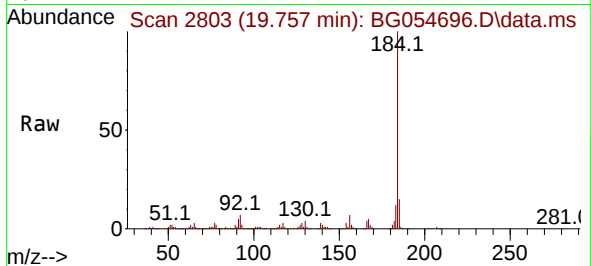




#77
Benzidine
Concen: 77.370 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

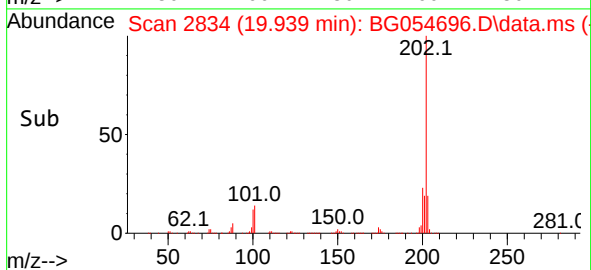
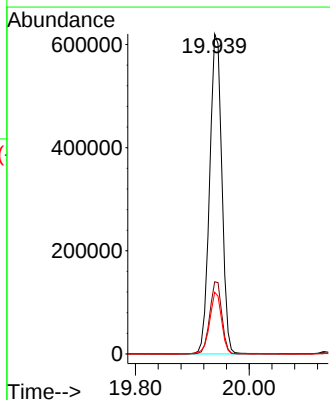
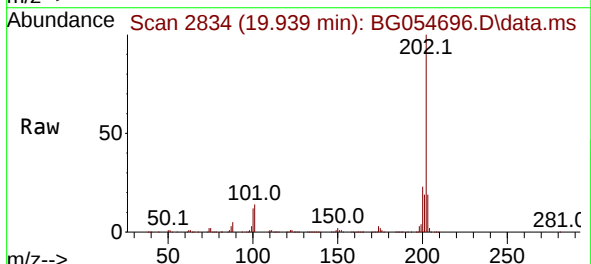
Instrument :
BNA_G
ClientSampleId :
PB147112BS

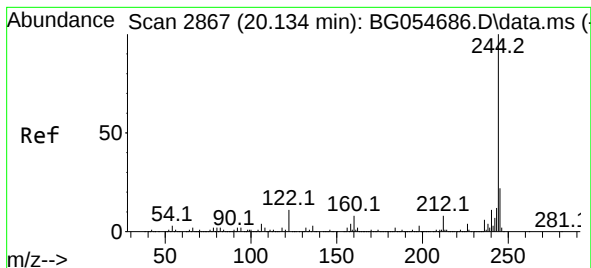
Tgt Ion:184 Resp: 555015
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 12.3 9.8 14.8



#78
Pyrene
Concen: 39.478 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:202 Resp: 920037
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 19.3 14.6 21.8





#79

Terphenyl-d14

Concen: 80.318 ng

RT: 20.133 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

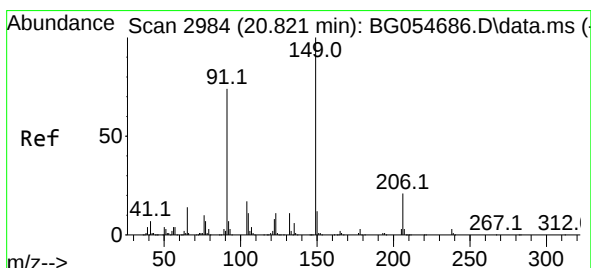
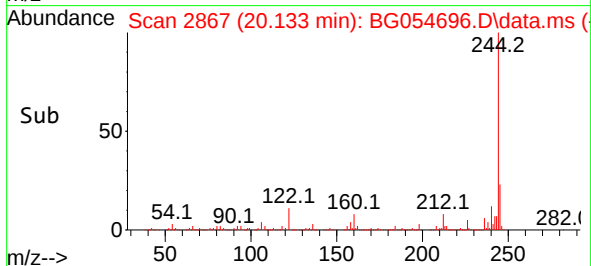
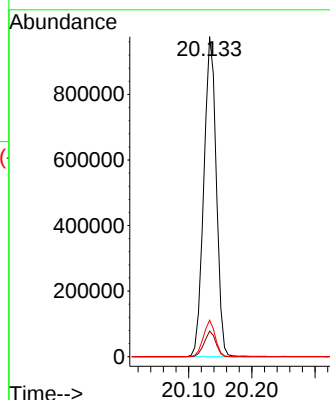
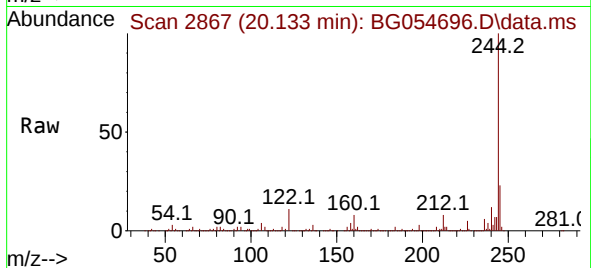
Tgt Ion:244 Resp: 1335851

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 11.4 9.0 13.6



#80

Butylbenzylphthalate

Concen: 44.537 ng

RT: 20.821 min Scan# 2984

Delta R.T. -0.000 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

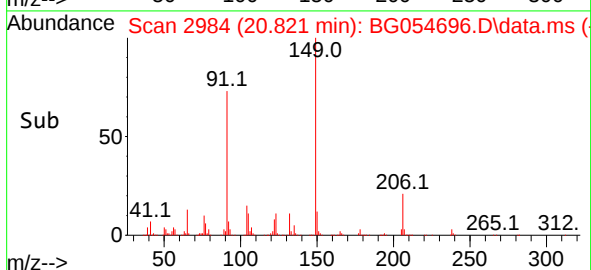
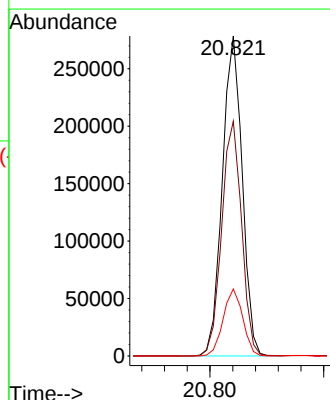
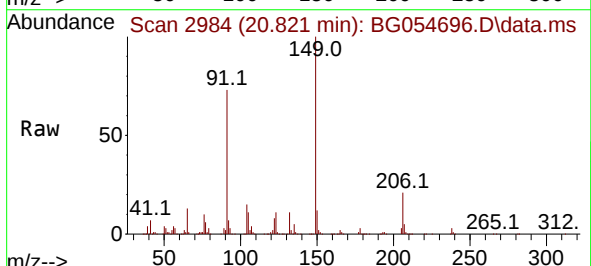
Tgt Ion:149 Resp: 338045

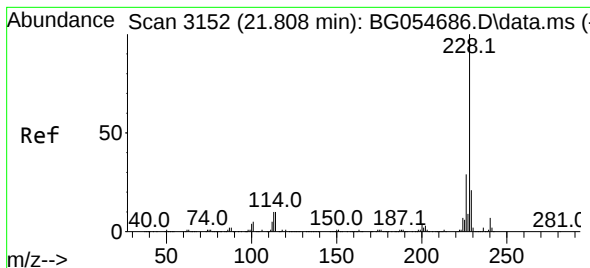
Ion Ratio Lower Upper

149 100

91 73.4 59.5 89.3

206 21.0 16.6 25.0





#81

Benzo(a)anthracene

Concen: 40.072 ng

RT: 21.808 min Scan# 3152

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

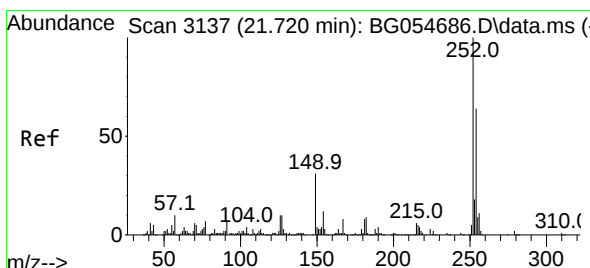
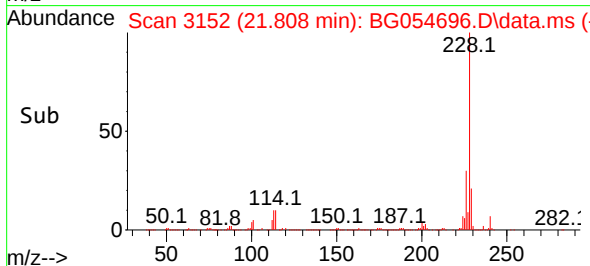
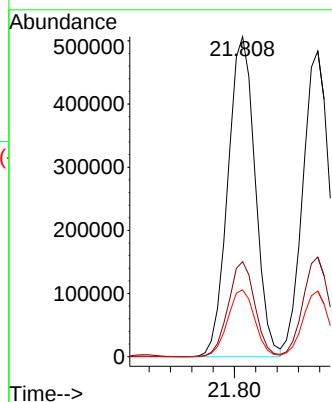
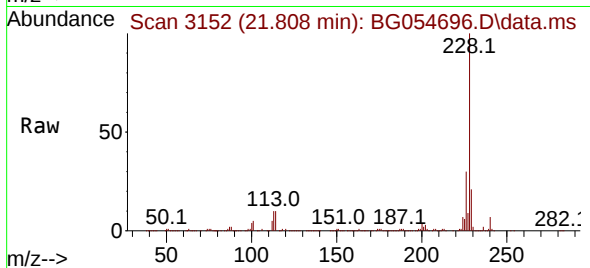
Tgt Ion:228 Resp: 899169

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 20.8 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 41.822 ng

RT: 21.719 min Scan# 3137

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

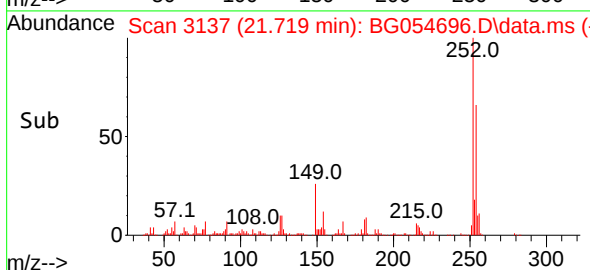
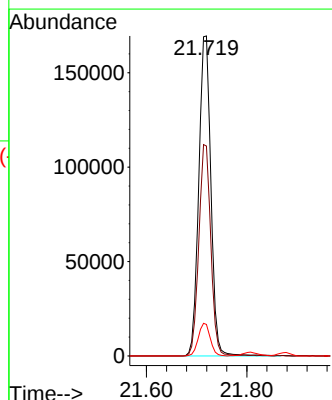
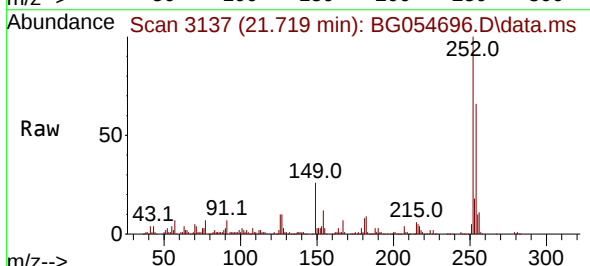
Tgt Ion:252 Resp: 283573

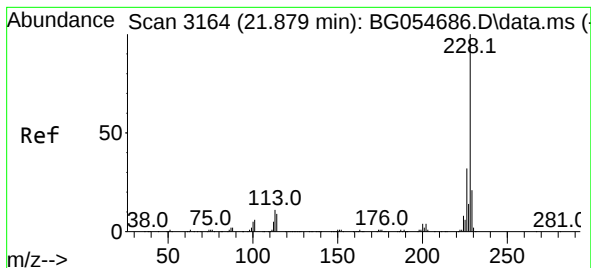
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

126 9.9 8.2 12.2





#83

Chrysene

Concen: 39.240 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

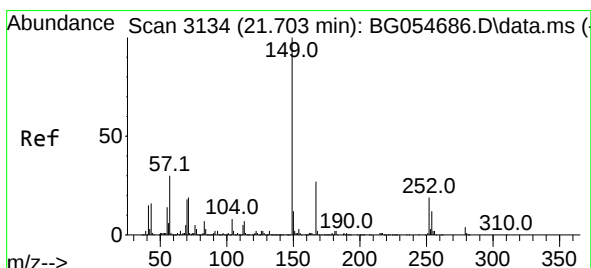
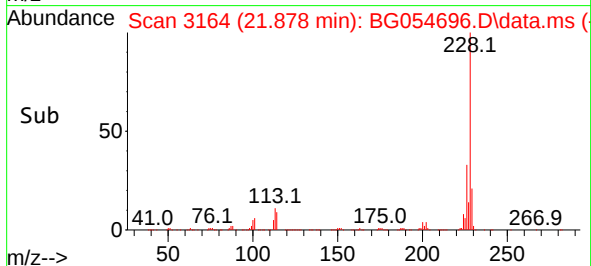
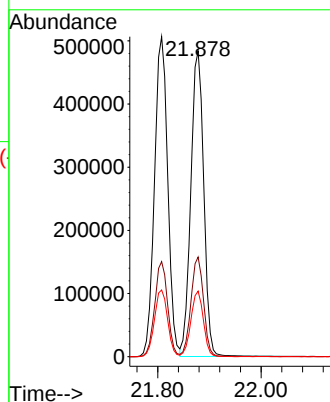
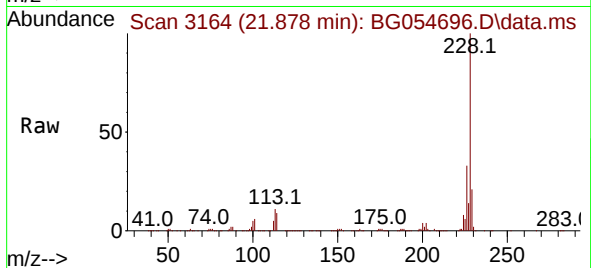
Tgt Ion:228 Resp: 837932

Ion Ratio Lower Upper

228 100

226 32.6 25.5 38.3

229 21.5 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.779 ng

RT: 21.702 min Scan# 3134

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

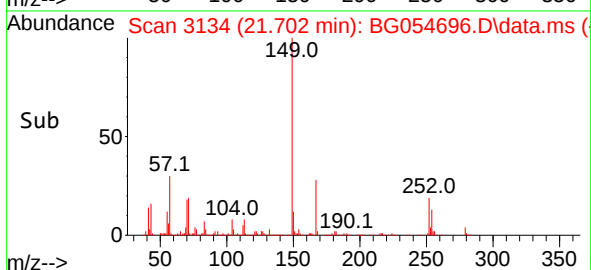
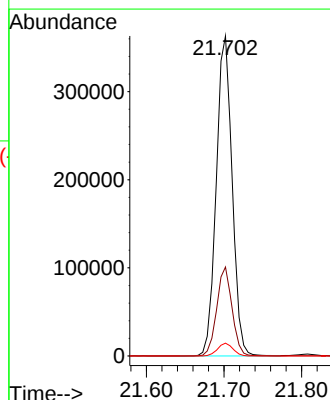
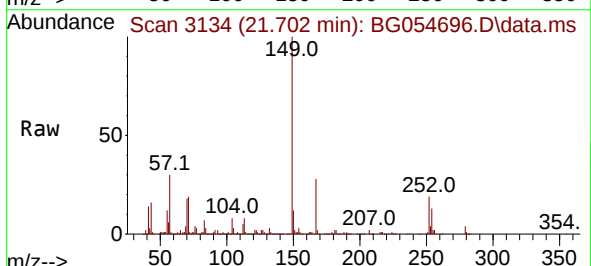
Tgt Ion:149 Resp: 517739

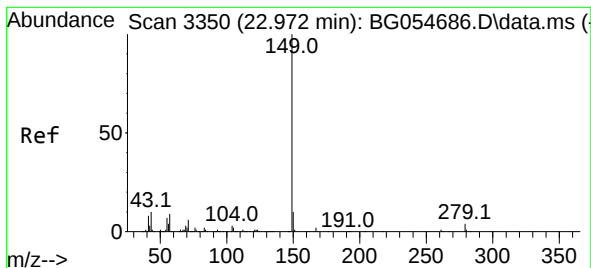
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.106 ng

RT: 22.965 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA_G

ClientSampleId :

PB147112BS

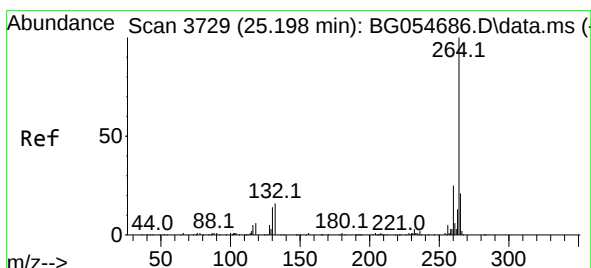
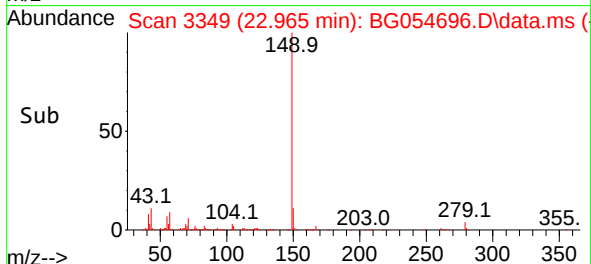
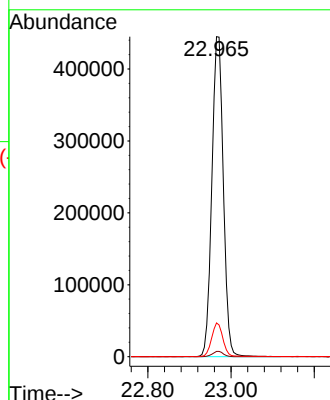
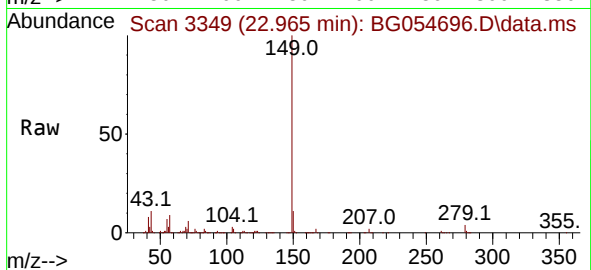
Tgt Ion:149 Resp: 849687

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.198 min Scan# 3729

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

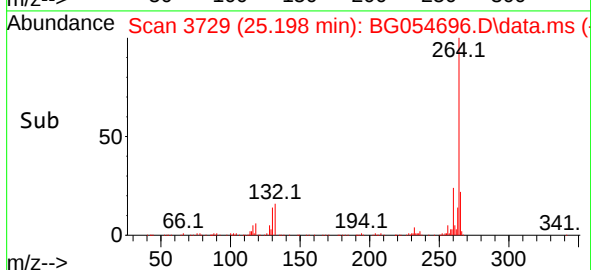
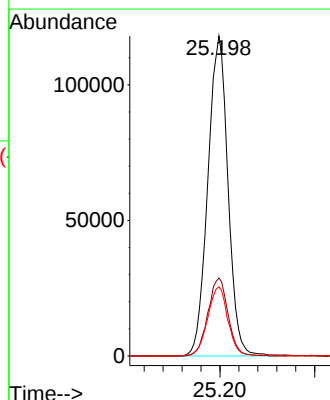
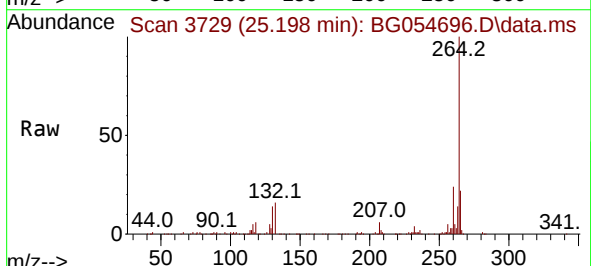
Tgt Ion:264 Resp: 348260

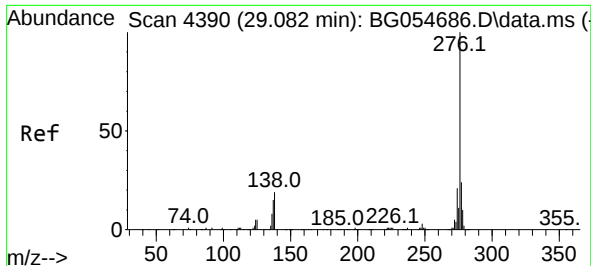
Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.6 16.9 25.3

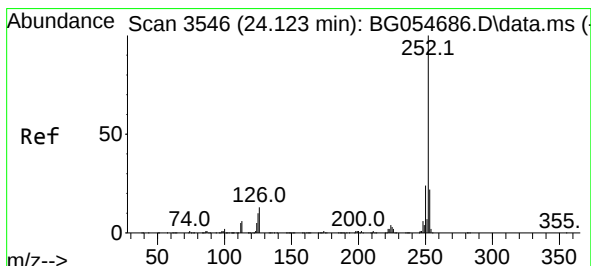
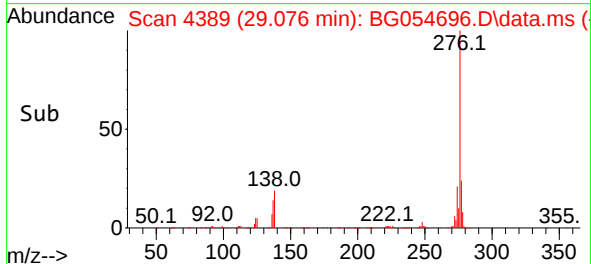
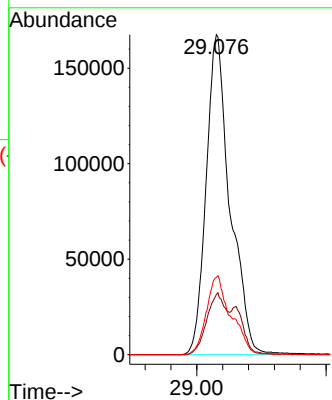
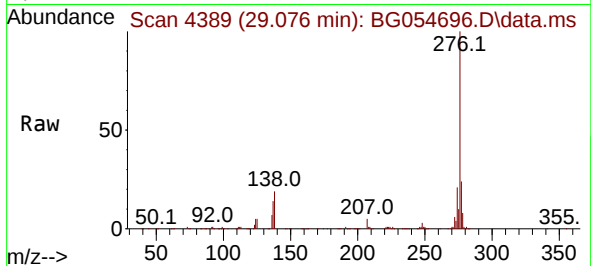




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.322 ng
 RT: 29.076 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

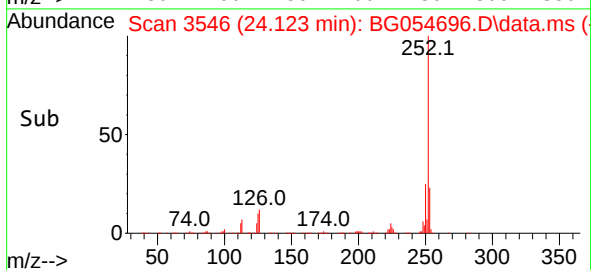
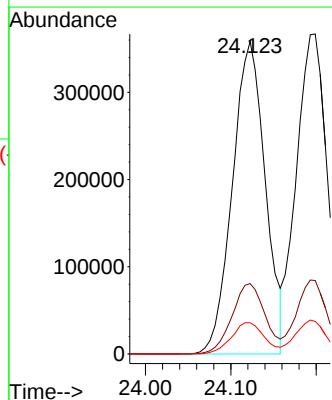
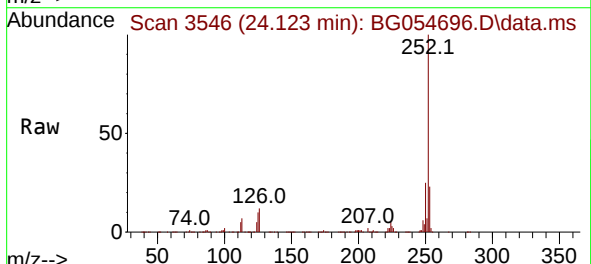
Instrument :
 BNA_G
 ClientSampleId :
 PB147112BS

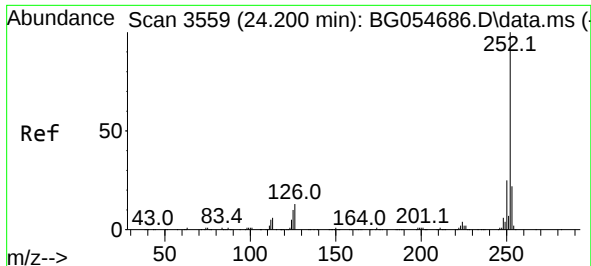
Tgt Ion:276 Resp: 1073872
 Ion Ratio Lower Upper
 276 100
 138 16.1 12.0 18.0
 277 25.5 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 44.341 ng
 RT: 24.123 min Scan# 3546
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Tgt Ion:252 Resp: 958860
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.0 8.1 12.1

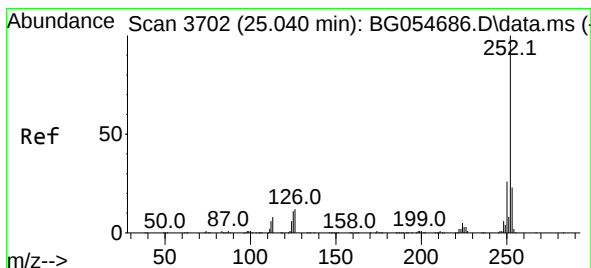
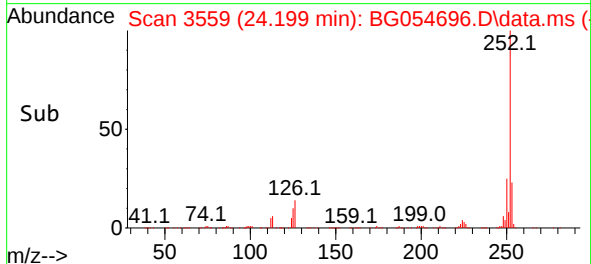
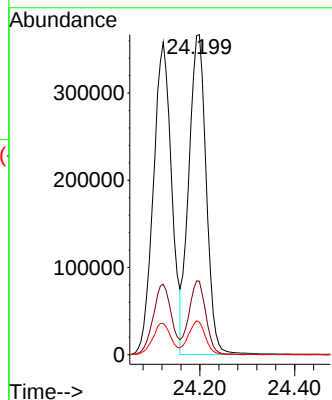
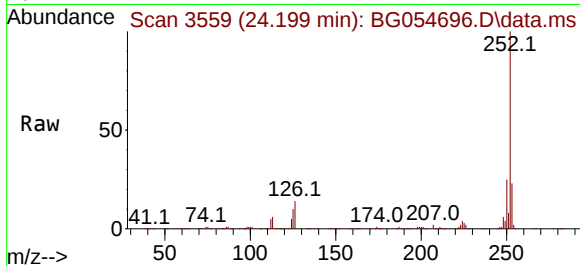




#89
Benzo(k)fluoranthene
Concen: 41.898 ng
RT: 24.199 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

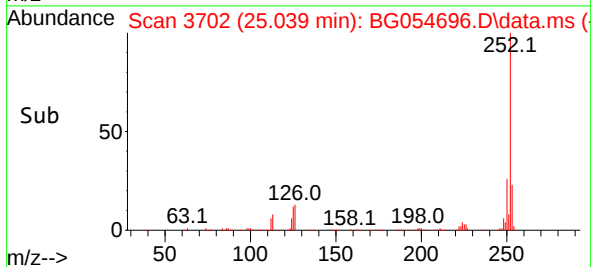
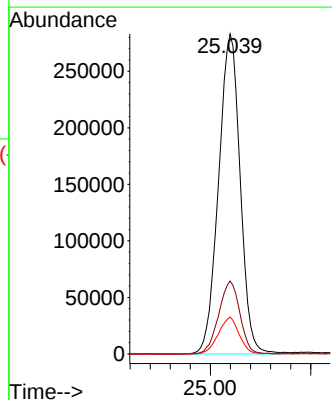
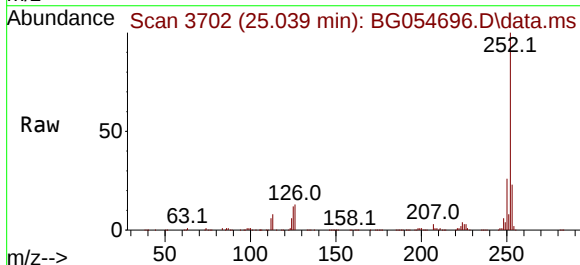
Instrument :
BNA_G
ClientSampleId :
PB147112BS

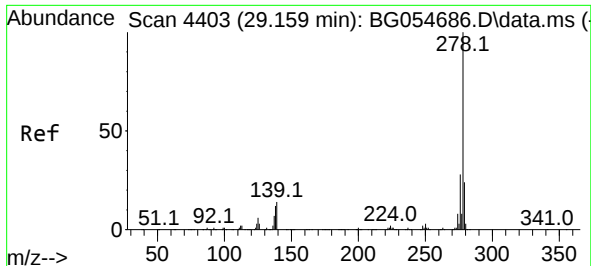
Tgt Ion:252 Resp: 934979
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 45.529 ng
RT: 25.039 min Scan# 3702
Delta R.T. -0.001 min
Lab File: BG054696.D
Acq: 23 Aug 2022 1:10

Tgt Ion:252 Resp: 845051
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 11.5 8.8 13.2

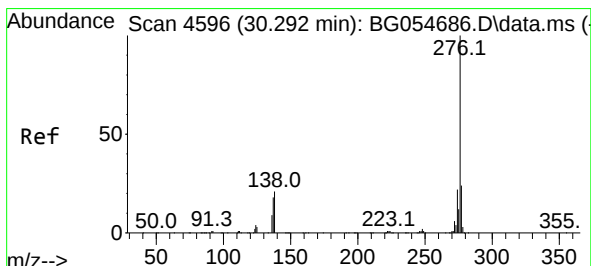
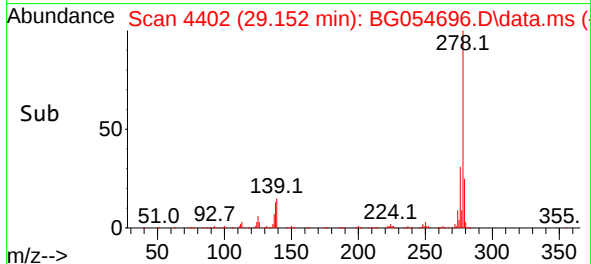
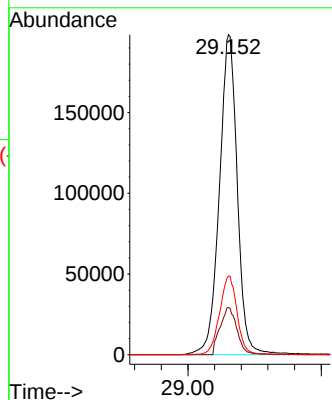
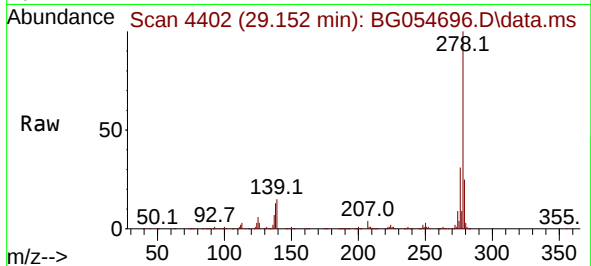




#91
 Dibenzo(a,h)anthracene
 Concen: 43.241 ng
 RT: 29.152 min Scan# 4403
 Delta R.T. -0.007 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB147112BS

Tgt Ion:278 Resp: 923155
 Ion Ratio Lower Upper
 278 100
 139 14.8 11.4 17.2
 279 24.5 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 43.201 ng
 RT: 30.292 min Scan# 4596
 Delta R.T. -0.001 min
 Lab File: BG054696.D
 Acq: 23 Aug 2022 1:10

Tgt Ion:276 Resp: 901660
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.4 29.0
 138 20.9 16.6 25.0

