

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054836.D
 Acq On : 2 Sep 2022 12:02
 Operator : CG/JU
 Sample : PB147356BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147356BS

Quant Time: Sep 03 00:24:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	40620	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	171017	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	116640	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	265066	20.000	ng	0.00
76) Chrysene-d12	21.827	240	240146	20.000	ng	0.00
86) Perylene-d12	25.200	264	259801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	324412	139.074	ng	0.00
7) Phenol-d6	7.303	99	430111	134.827	ng	0.00
23) Nitrobenzene-d5	9.324	82	252741	77.583	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	193793	132.963	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	620407	79.945	ng	0.00
79) Terphenyl-d14	20.129	244	1044941	86.216	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	34802	31.244	ng	99
3) Pyridine	3.937	79	98892	31.830	ng	95
4) n-Nitrosodimethylamine	3.848	42	52414	39.027	ng	99
6) Aniline	7.468	93	156495	41.289	ng	97
8) 2-Chlorophenol	7.709	128	128599	50.459	ng	99
9) Benzaldehyde	7.280	77	41436	19.818	ng	98
10) Phenol	7.333	94	161219	49.142	ng	96
11) bis(2-Chloroethyl)ether	7.562	93	114195	43.280	ng	98
12) 1,3-Dichlorobenzene	8.038	146	131666	44.643	ng	98
13) 1,4-Dichlorobenzene	8.184	146	133763	44.964	ng	98
14) 1,2-Dichlorobenzene	8.508	146	131959	46.780	ng	98
15) Benzyl Alcohol	8.384	79	110961	48.147	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.672	45	168557	40.827	ng	97
17) 2-Methylphenol	8.590	107	111578	49.398	ng	98
18) Hexachloroethane	9.242	117	46577	43.177	ng	95
19) n-Nitroso-di-n-propyla...	8.954	70	94604	43.125	ng	# 97
20) 3+4-Methylphenols	8.919	107	151154	48.258	ng	96
22) Acetophenone	8.978	105	186302	43.544	ng	# 96
24) Nitrobenzene	9.365	77	136648	41.616	ng	98
25) Isophorone	9.888	82	266493	43.873	ng	99
26) 2-Nitrophenol	10.082	139	70548	48.640	ng	95
27) 2,4-Dimethylphenol	10.129	122	122930	53.493	ng	97
28) bis(2-Chloroethoxy)met...	10.364	93	159491	46.079	ng	99
29) 2,4-Dichlorophenol	10.617	162	125601	48.052	ng	98
30) 1,2,4-Trichlorobenzene	10.834	180	127955	42.836	ng	96
31) Naphthalene	11.028	128	388942	42.389	ng	99
32) Benzoic acid	10.317	122	19080	17.542	ng	95
33) 4-Chloroaniline	11.134	127	115380	30.845	ng	97
34) Hexachlorobutadiene	11.298	225	83661	43.714	ng	96
35) Caprolactam	11.910	113	24784	26.876	ng	96
36) 4-Chloro-3-methylphenol	12.244	107	134562	47.077	ng	99
37) 2-Methylnaphthalene	12.620	142	277743	43.189	ng	99
38) 1-Methylnaphthalene	12.844	142	264313	42.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.985	216	156799	44.595	ng	99
41) Hexachlorocyclopentadiene	12.961	237	154260	82.728	ng	100
43) 2,4,6-Trichlorophenol	13.226	196	99733	42.735	ng	100

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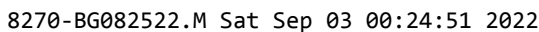
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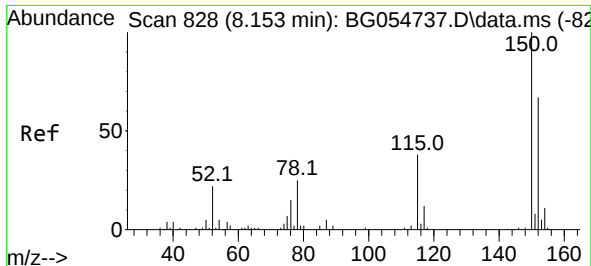
Quant Time: Sep 03 00:24:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	110907	42.316	ng	98
46) 1,1'-Biphenyl	13.619	154	373299	43.098	ng	99
47) 2-Chloronaphthalene	13.666	162	276512	42.035	ng	99
48) 2-Nitroaniline	13.872	65	88239	42.801	ng	93
49) Acenaphthylene	14.512	152	460097	42.385	ng	99
50) Dimethylphthalate	14.230	163	381952	42.505	ng	100
51) 2,6-Dinitrotoluene	14.360	165	83656	45.515	ng	# 86
52) Acenaphthene	14.847	154	274485	39.365	ng	99
53) 3-Nitroaniline	14.694	138	70072	34.056	ng	93
54) 2,4-Dinitrophenol	14.900	184	77317	74.995	ng	96
55) Dibenzofuran	15.182	168	438413	42.788	ng	99
56) 4-Nitrophenol	15.000	139	130008	81.650	ng	95
57) 2,4-Dinitrotoluene	15.141	165	117527	46.229	ng	89
58) Fluorene	15.828	166	364270	42.202	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.405	232	95912	40.596	ng	98
60) Diethylphthalate	15.588	149	376153	41.920	ng	97
61) 4-Chlorophenyl-phenyle...	15.817	204	189478	44.498	ng	98
62) 4-Nitroaniline	15.858	138	87932	41.858	ng	93
63) Azobenzene	16.110	77	335428	39.334	ng	95
65) 4,6-Dinitro-2-methylph...	15.905	198	61009	45.217	ng	99
66) n-Nitrosodiphenylamine	16.034	169	330520	43.239	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	135646	46.610	ng	96
68) Hexachlorobenzene	16.833	284	151346	46.261	ng	95
69) Atrazine	16.974	200	127148	47.149	ng	100
70) Pentachlorophenol	17.180	266	127443	71.696	ng	98
71) Phenanthrene	17.573	178	594929	42.133	ng	99
72) Anthracene	17.667	178	601939	43.847	ng	99
73) Carbazole	17.932	167	550982	43.561	ng	99
74) Di-n-butylphthalate	18.472	149	666376	41.635	ng	99
75) Fluoranthene	19.577	202	718353	41.820	ng	99
77) Benzidine	19.753	184	333789	56.117	ng	99
78) Pyrene	19.941	202	723320	43.196	ng	99
80) Butylbenzylphthalate	20.811	149	289756	41.484	ng	95
81) Benzo(a)anthracene	21.804	228	698824	42.919	ng	99
82) 3,3'-Dichlorobenzidine	21.716	252	224640	39.350	ng	99
83) Chrysene	21.874	228	659127	42.337	ng	100
84) Bis(2-ethylhexyl)phtha...	21.686	149	421580	41.893	ng	98
85) Di-n-octyl phthalate	22.944	149	714054	41.841	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.089	276	836640	42.419	ng	99
88) Benzo(b)fluoranthene	24.125	252	752306	46.161	ng	99
89) Benzo(k)fluoranthene	24.195	252	716094	43.659	ng	98
90) Benzo(a)pyrene	25.041	252	655189	47.055	ng	99
91) Dibenzo(a,h)anthracene	29.160	278	729619	45.407	ng	99
92) Benzo(g,h,i)perylene	30.311	276	729764	44.956	ng	97

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

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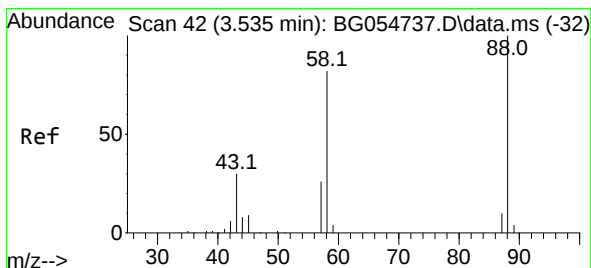
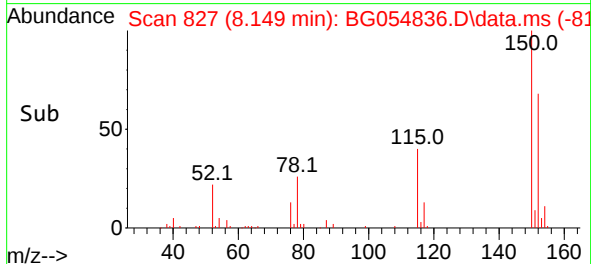
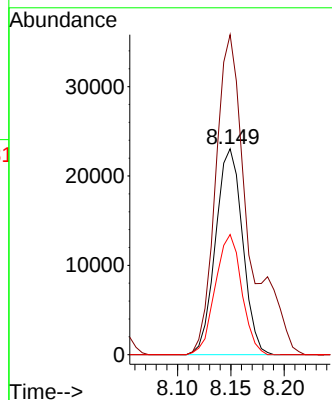
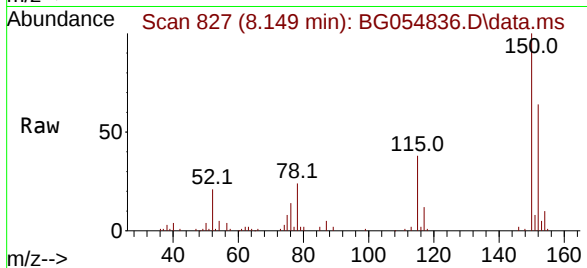




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054836.D
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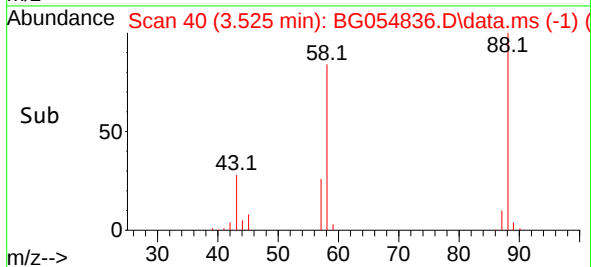
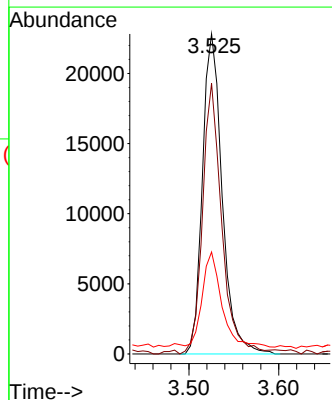
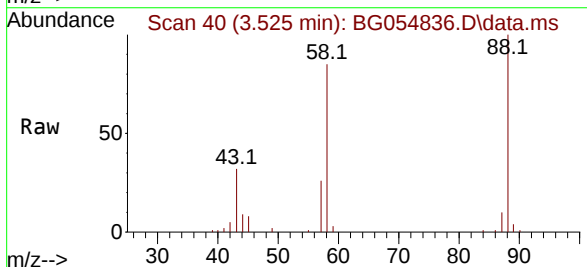
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 40620
Ion Ratio Lower Upper
152 100
150 155.3 125.2 187.8
115 58.3 47.9 71.9



#2
1,4-Dioxane
Concen: 31.244 ng
RT: 3.525 min Scan# 40
Delta R.T. -0.010 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 88 Resp: 34802
Ion Ratio Lower Upper
88 100
58 82.2 65.9 98.9
43 29.1 22.7 34.1

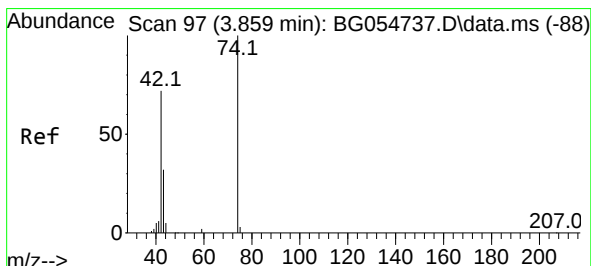
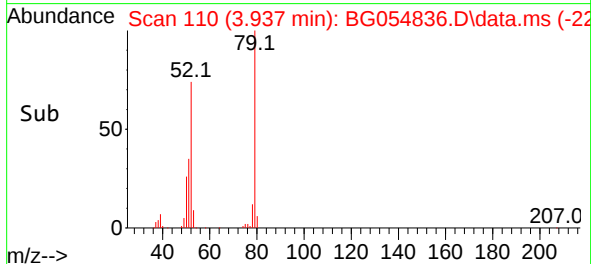
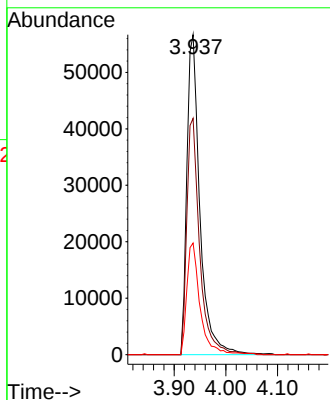
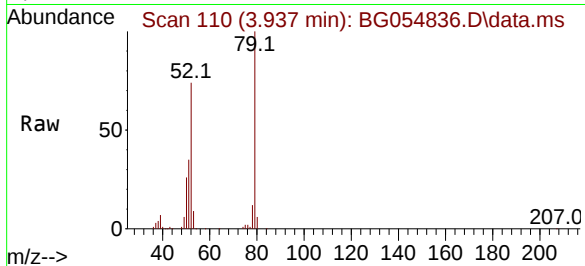




#3
Pyridine
Concen: 31.830 ng
RT: 3.937 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

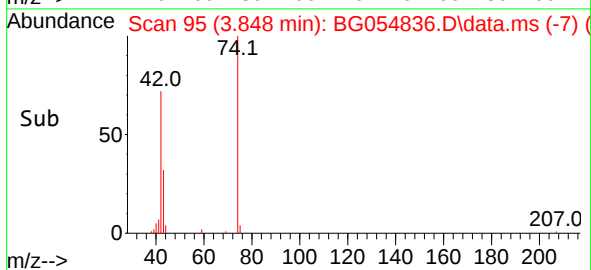
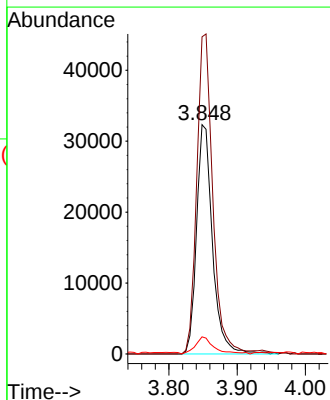
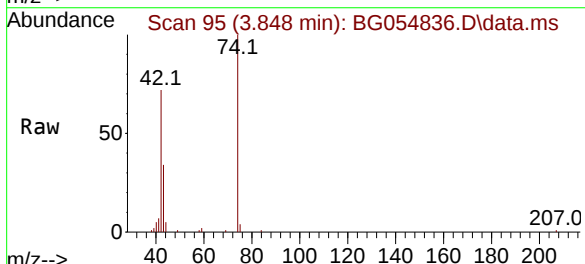
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion: 79 Resp: 98892
Ion Ratio Lower Upper
79 100
52 73.8 61.4 92.0
51 34.9 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 39.027 ng
RT: 3.848 min Scan# 95
Delta R.T. -0.010 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 42 Resp: 52414
Ion Ratio Lower Upper
42 100
74 138.3 109.6 164.4
44 7.5 5.5 8.3

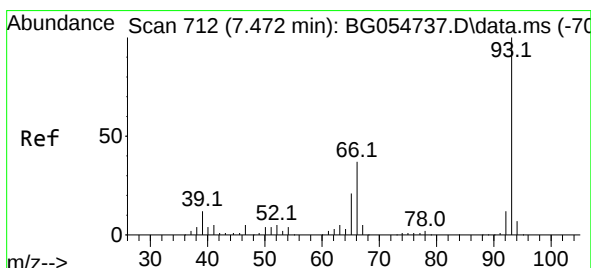
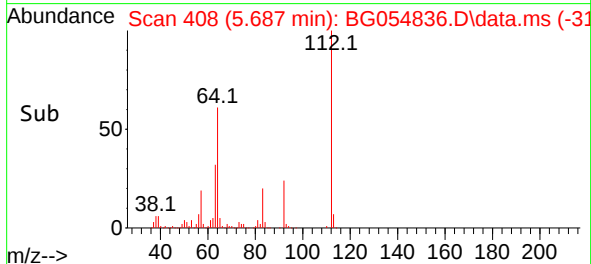
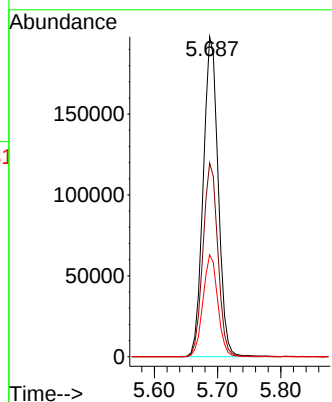
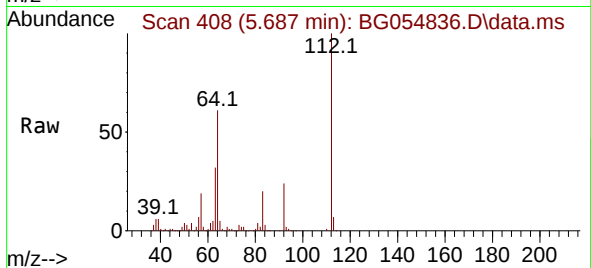




#5
2-Fluorophenol
Concen: 139.074 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

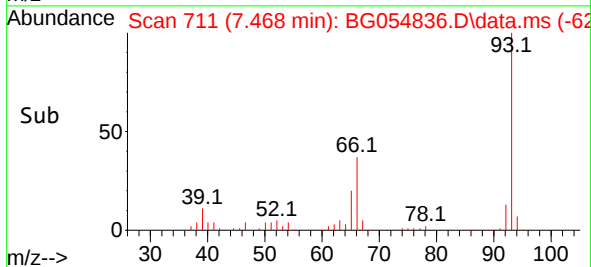
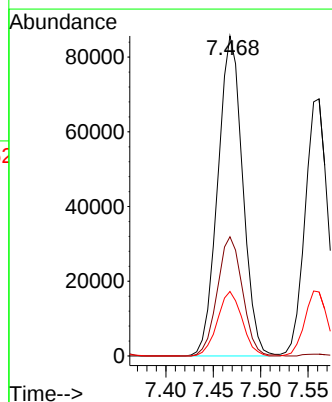
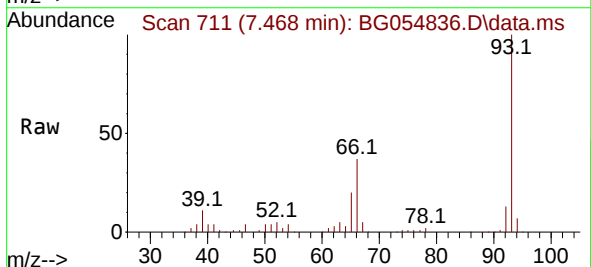
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:112 Resp: 324412
Ion Ratio Lower Upper
112 100
64 60.6 49.3 73.9
63 31.8 26.3 39.5



#6
Aniline
Concen: 41.289 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 93 Resp: 156495
Ion Ratio Lower Upper
93 100
66 37.3 31.8 47.8
65 20.2 16.6 25.0

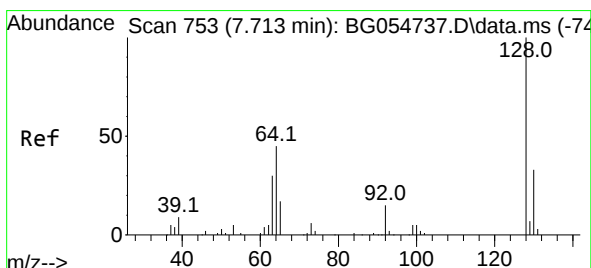
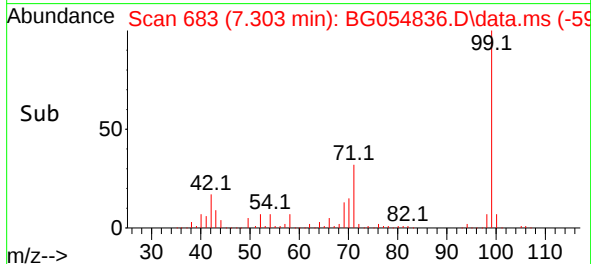
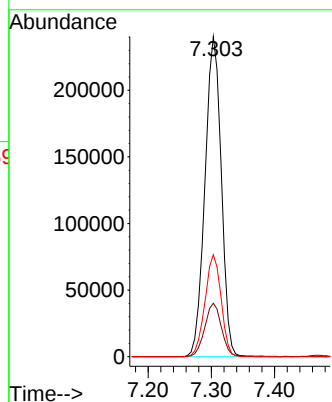
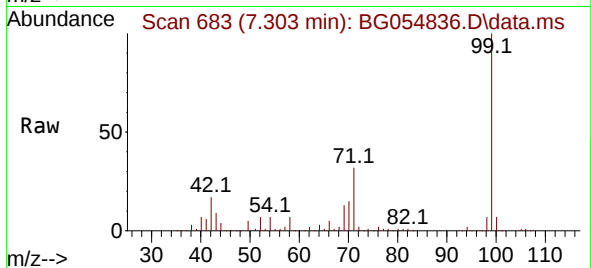




#7
Phenol-d6
Concen: 134.827 ng
RT: 7.303 min Scan# 682
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

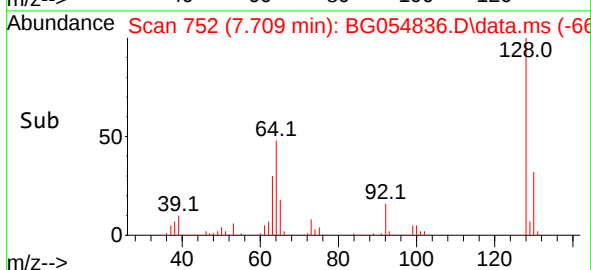
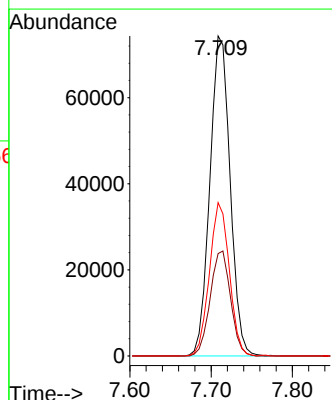
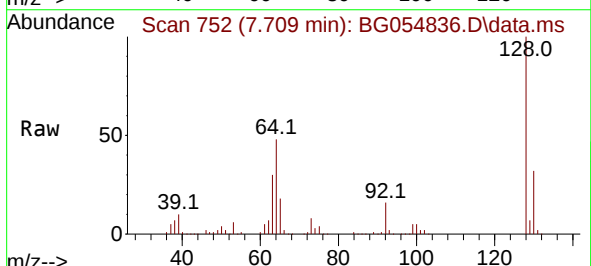
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion: 99 Resp: 430111
Ion Ratio Lower Upper
99 100
42 16.7 14.6 22.0
71 31.9 24.6 37.0



#8
2-Chlorophenol
Concen: 50.459 ng
RT: 7.709 min Scan# 752
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:128 Resp: 128599
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 47.9 28.6 68.6

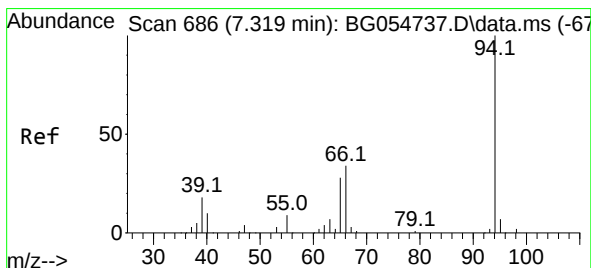
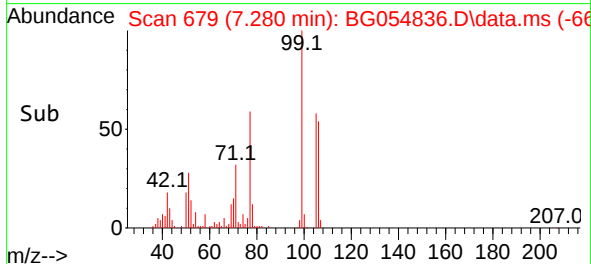
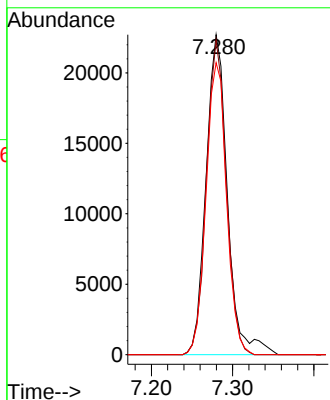
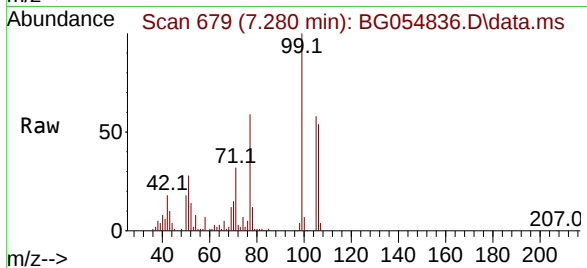




#9
Benzaldehyde
Concen: 19.818 ng
RT: 7.280 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

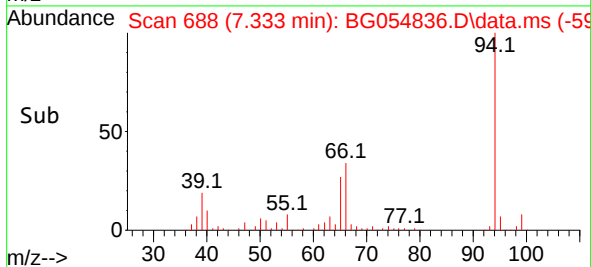
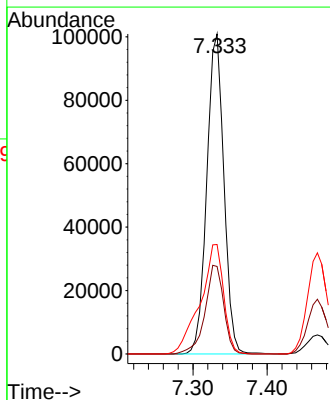
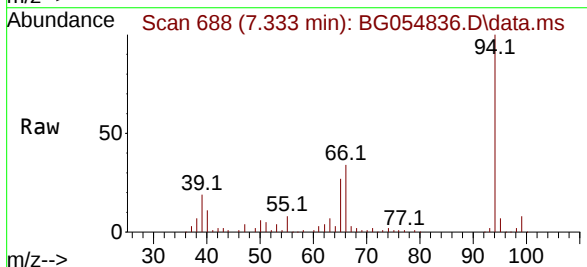
Instrument :
BNA_G
ClientSampleId :
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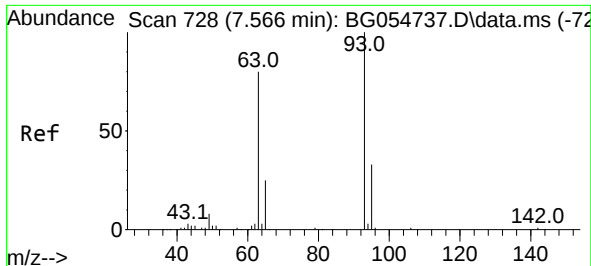
Tgt Ion: 77 Resp: 41436
Ion Ratio Lower Upper
77 100
105 98.3 75.3 115.3
106 91.3 70.2 110.2



#10
Phenol
Concen: 49.142 ng
RT: 7.333 min Scan# 688
Delta R.T. 0.013 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 94 Resp: 161219
Ion Ratio Lower Upper
94 100
65 27.4 9.9 49.9
66 34.2 16.4 56.4

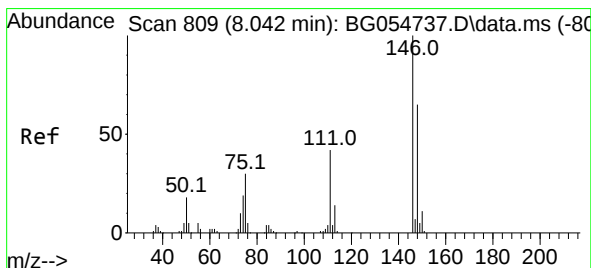
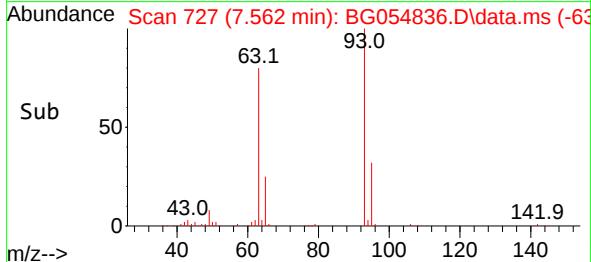
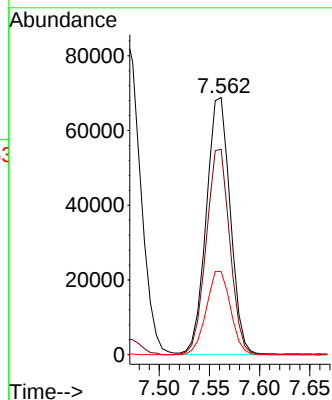
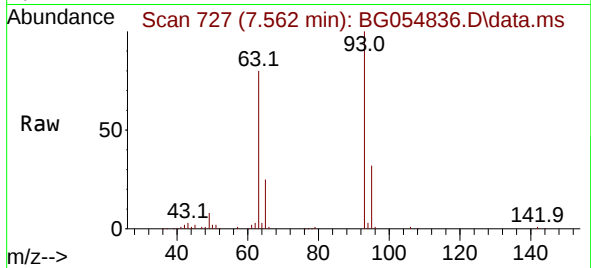




#11
bis(2-Chloroethyl)ether
Concen: 43.280 ng
RT: 7.562 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

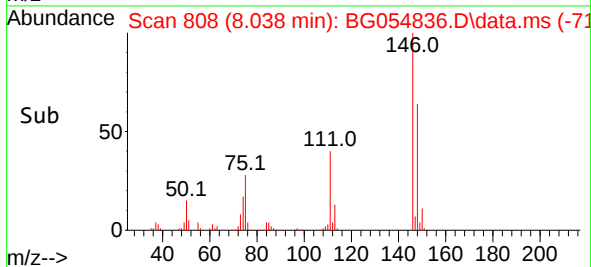
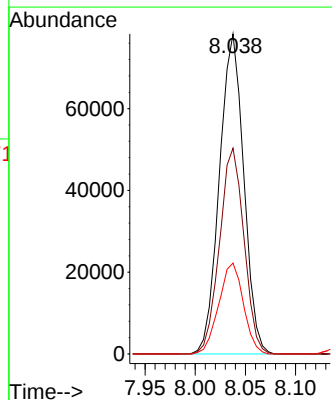
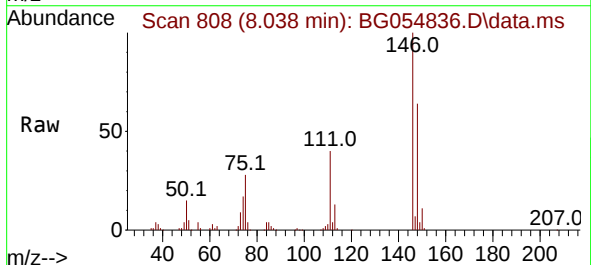
Instrument :
BNA_G
ClientSampleId :
PB147356BS

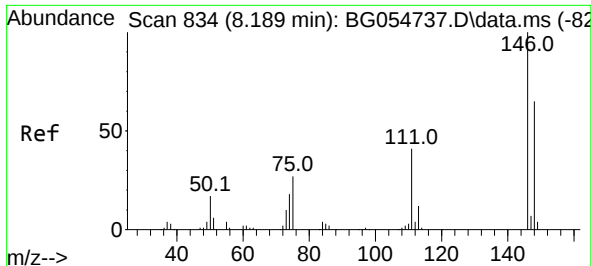
Tgt Ion: 93 Resp: 114195
Ion Ratio Lower Upper
93 100
63 79.9 62.1 102.1
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.643 ng
RT: 8.038 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:146 Resp: 131666
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
75 28.4 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.964 ng

RT: 8.184 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

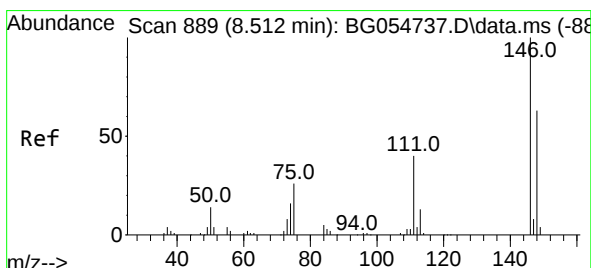
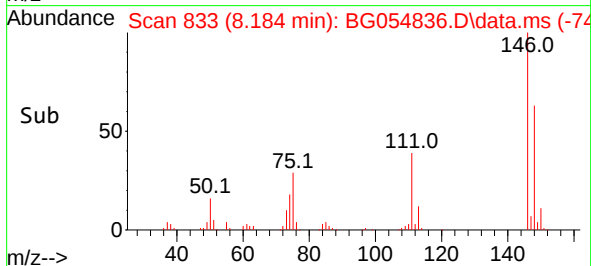
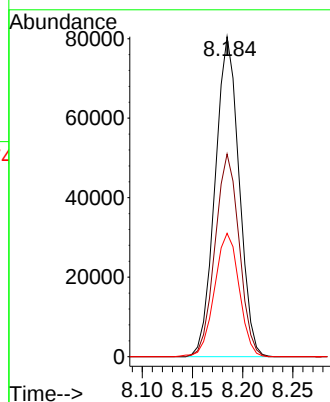
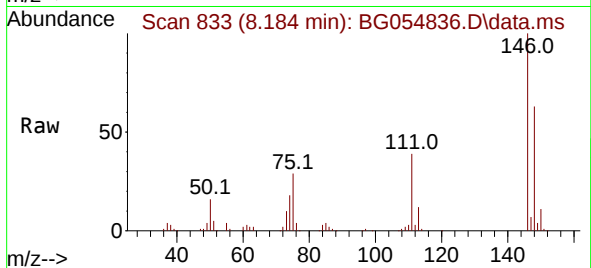
Tgt Ion:146 Resp: 133763

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 38.6 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.780 ng

RT: 8.508 min Scan# 888

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

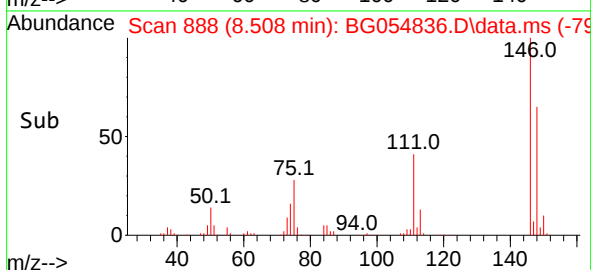
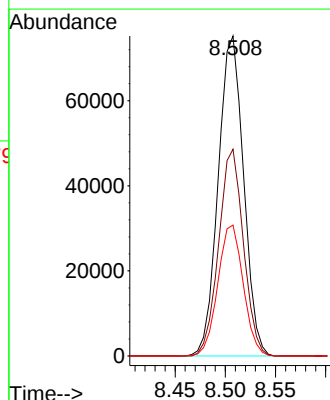
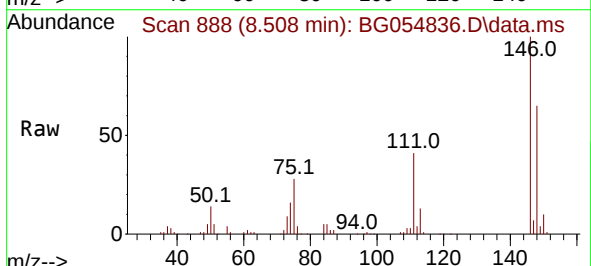
Tgt Ion:146 Resp: 131959

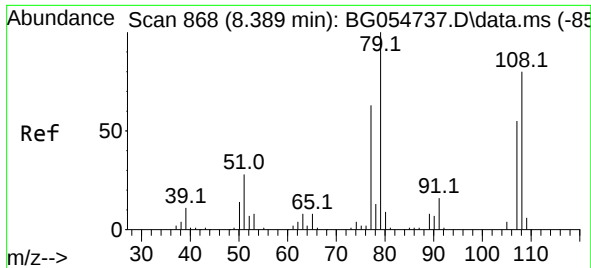
Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

111 40.9 34.3 51.5

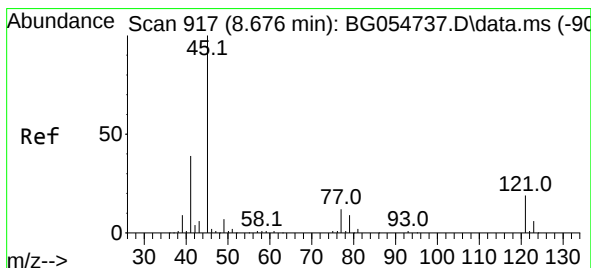
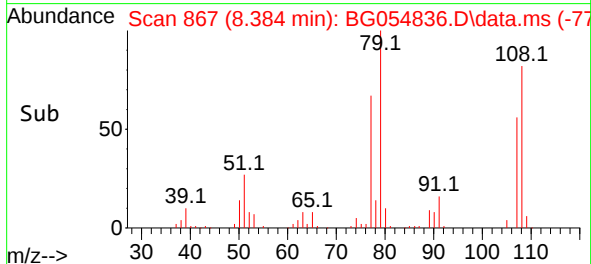
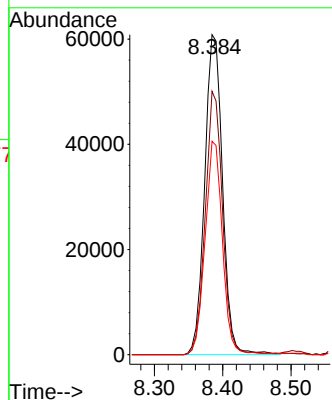
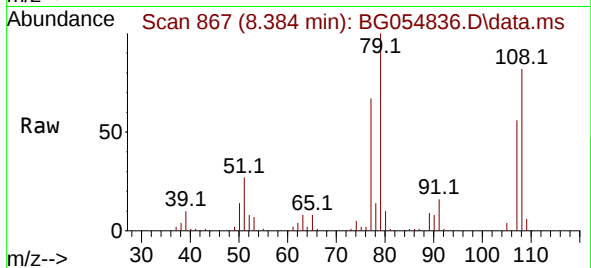




#15
Benzyl Alcohol
Concen: 48.147 ng
RT: 8.384 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

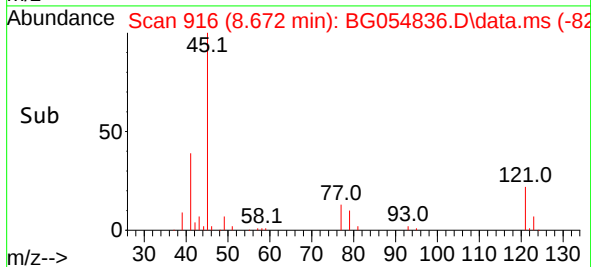
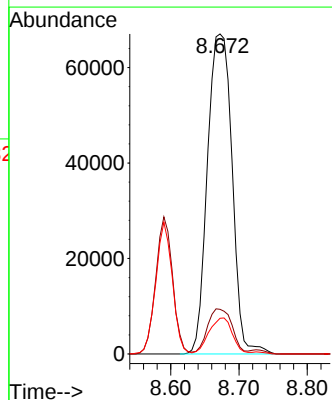
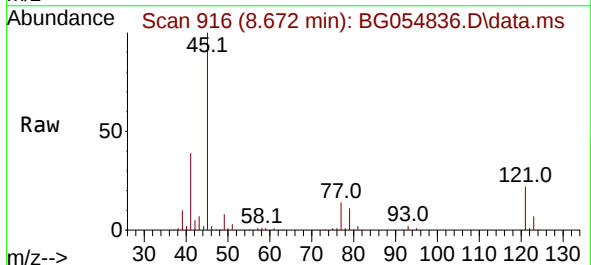
Instrument :
BNA_G
ClientSampleId :
PB147356BS

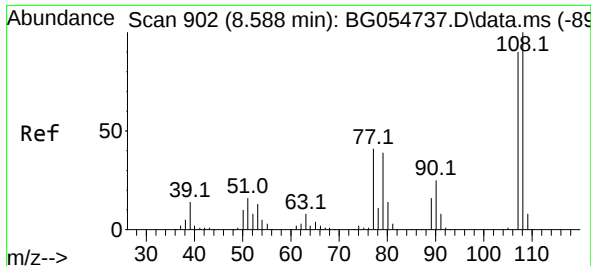
Tgt Ion: 79 Resp: 110961
Ion Ratio Lower Upper
79 100
108 82.3 63.4 95.0
77 66.7 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.827 ng
RT: 8.672 min Scan# 916
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

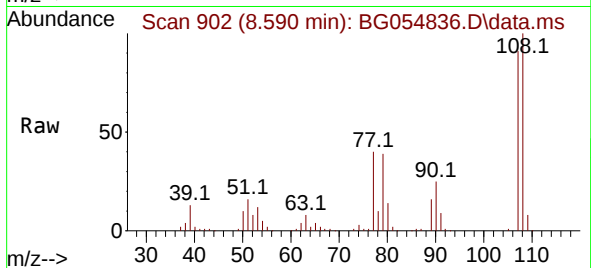
Tgt Ion: 45 Resp: 168557
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.8
79 11.1 0.0 30.4



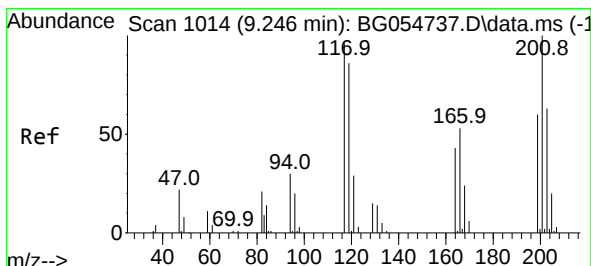
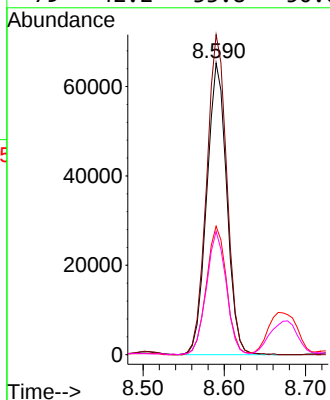
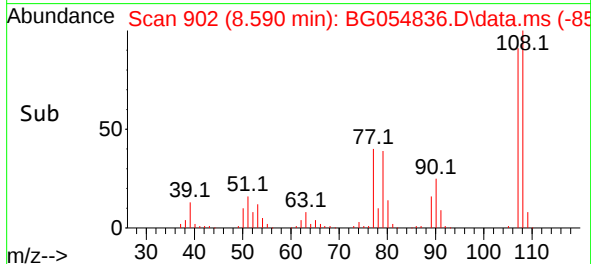


#17
2-Methylphenol
Concen: 49.398 ng
RT: 8.590 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

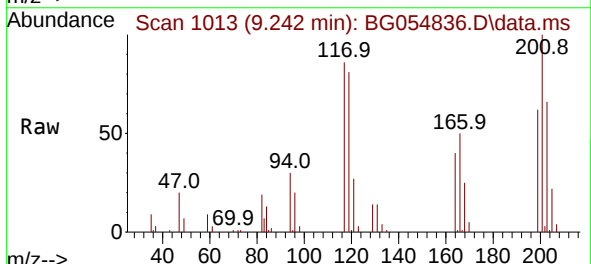
Instrument :
BNA_G
ClientSampleId :
PB147356BS



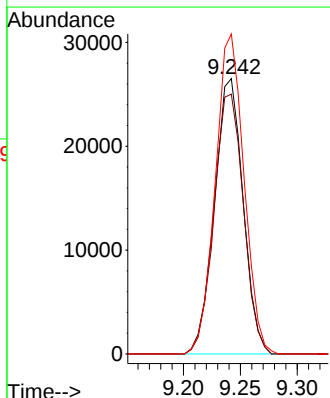
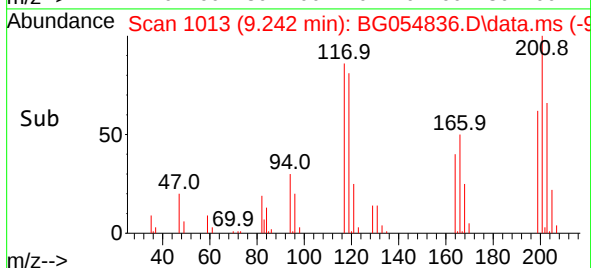
Tgt Ion:	107	Resp:	111578
Ion	Ratio	Lower	Upper
107	100		
108	109.7	85.6	128.4
77	44.0	35.8	53.8
79	42.2	33.8	50.6

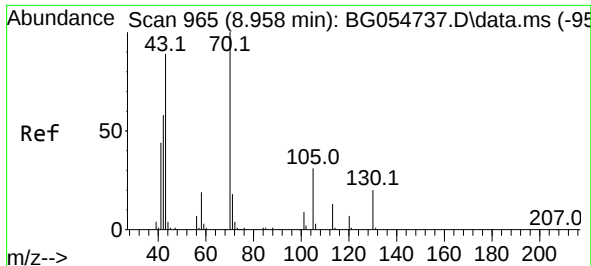


#18
Hexachloroethane
Concen: 43.177 ng
RT: 9.242 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02



Tgt Ion:	117	Resp:	46577
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.6
201	116.2	87.2	130.8

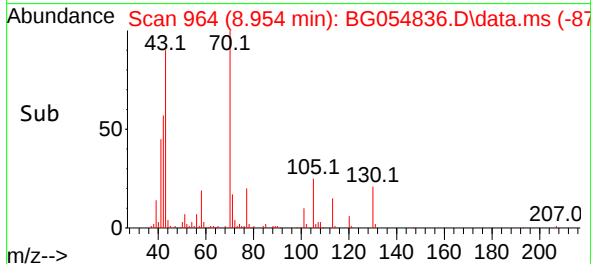
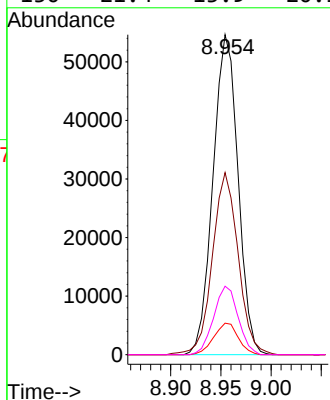
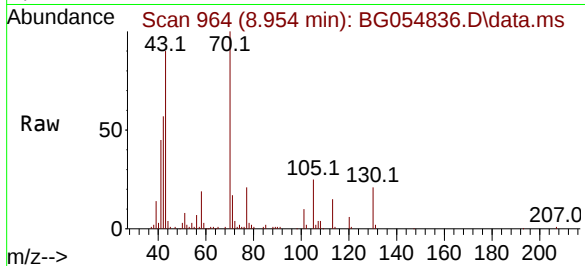




#19
n-Nitroso-di-n-propylamine
Concen: 43.125 ng
RT: 8.954 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

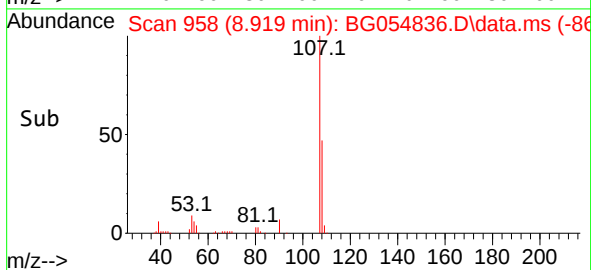
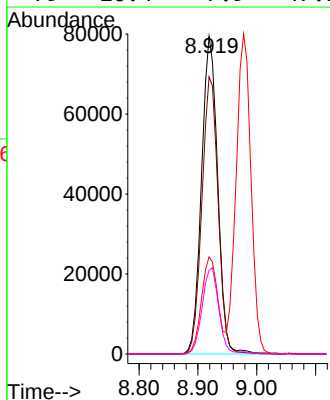
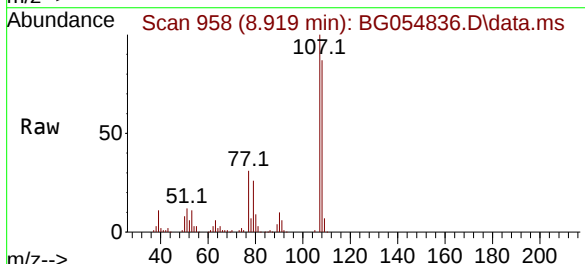
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:	70	Resp:	94604
Ion Ratio	Lower	Upper	
70	100		
42	56.9	46.6	69.8
101	9.9	7.7	11.5
130	21.4	13.9	20.9



#20
3+4-Methylphenols
Concen: 48.258 ng
RT: 8.919 min Scan# 958
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:	107	Resp:	151154
Ion Ratio	Lower	Upper	
107	100		
108	87.3	71.6	111.6
77	30.6	13.1	53.1
79	26.4	7.9	47.9

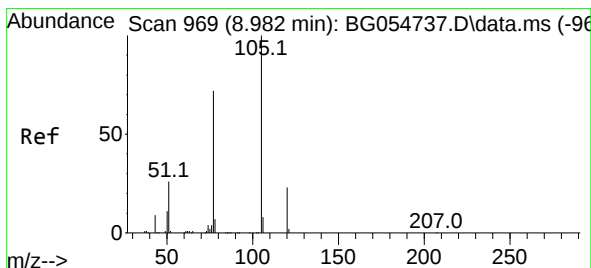
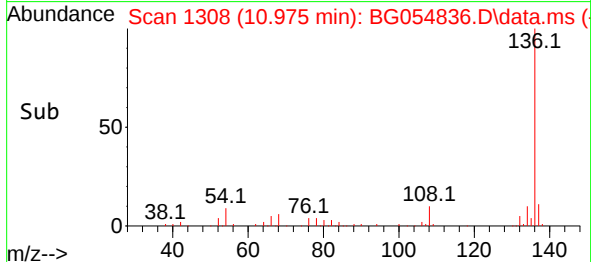
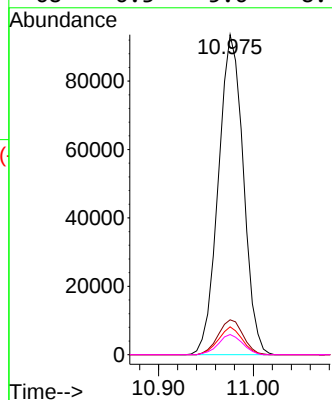
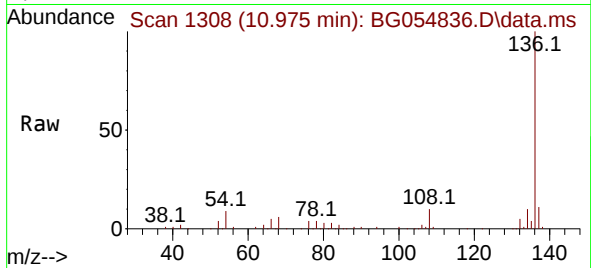




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

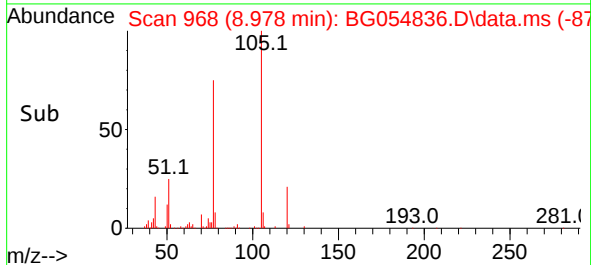
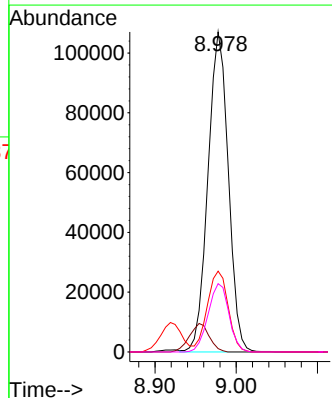
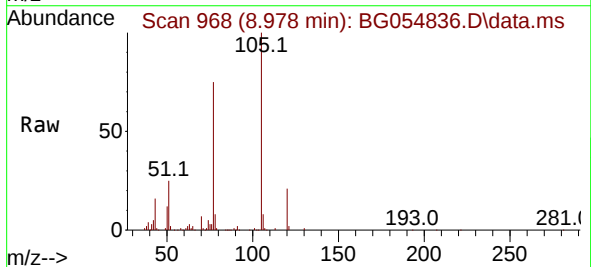
Instrument :
BNA_G
ClientSampleId :
PB147356BS

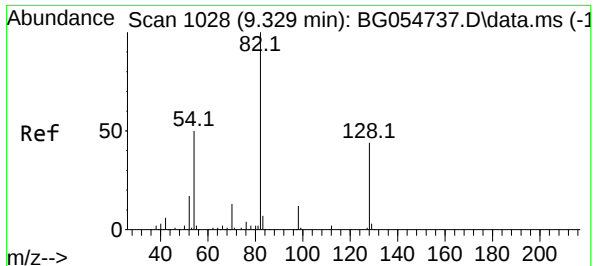
Tgt Ion:136 Resp: 171017
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.7 7.7 11.5
68 6.3 5.6 8.4



#22
Acetophenone
Concen: 43.544 ng
RT: 8.978 min Scan# 968
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:105 Resp: 186302
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 25.2 22.9 34.3
120 21.3 17.4 26.2

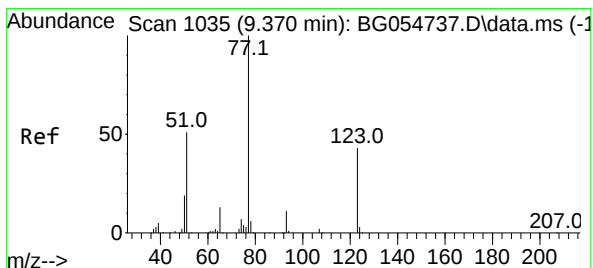
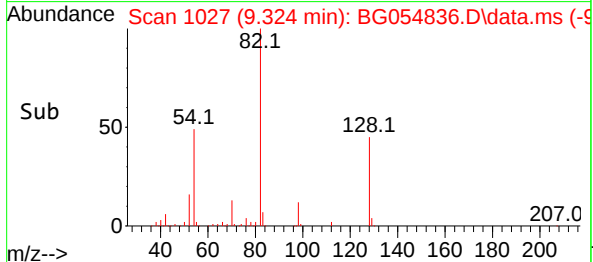
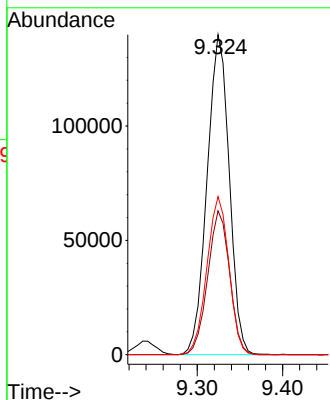
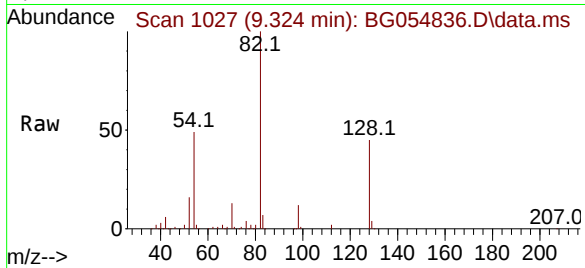




#23
Nitrobenzene-d5
Concen: 77.583 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

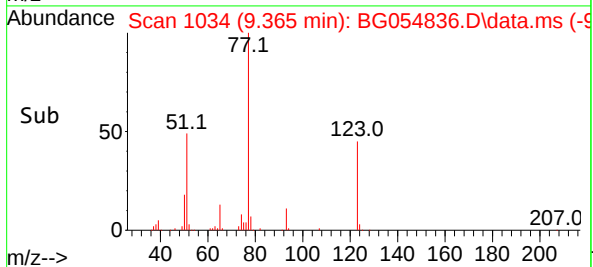
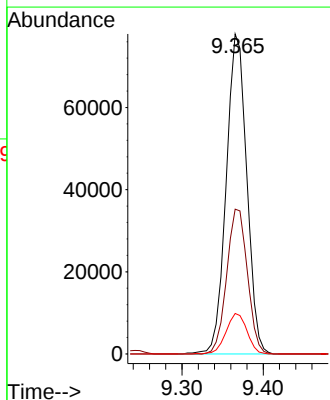
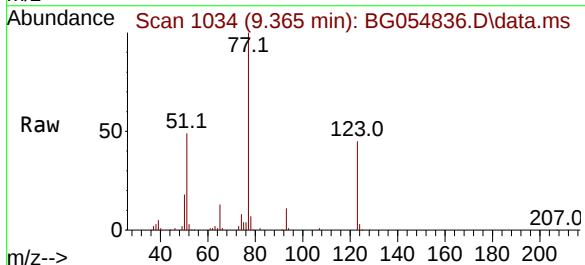
Instrument :
BNA_G
ClientSampleId :
PB147356BS

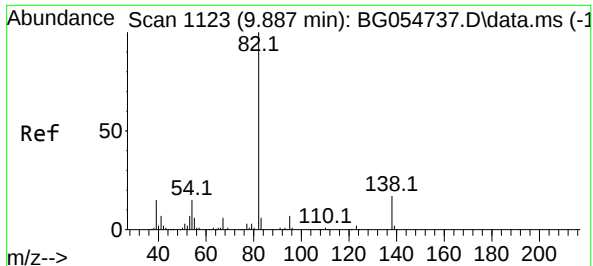
Tgt Ion: 82 Resp: 252741
Ion Ratio Lower Upper
82 100
128 45.0 32.2 48.2
54 49.4 41.4 62.0



#24
Nitrobenzene
Concen: 41.616 ng
RT: 9.365 min Scan# 1034
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 77 Resp: 136648
Ion Ratio Lower Upper
77 100
123 45.3 35.0 52.6
65 12.7 10.2 15.2

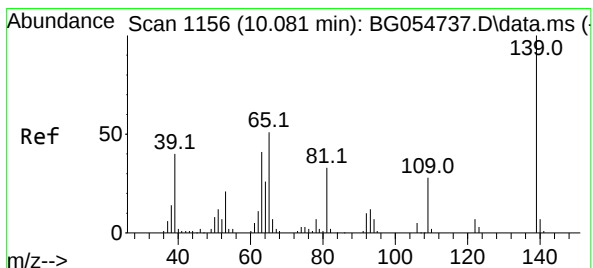
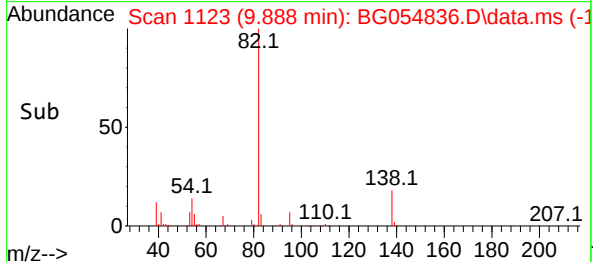
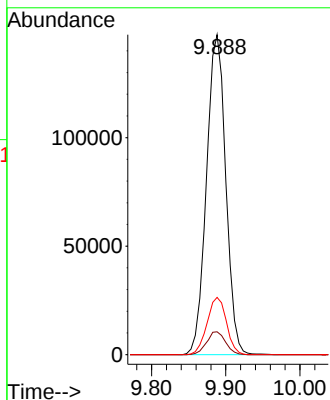
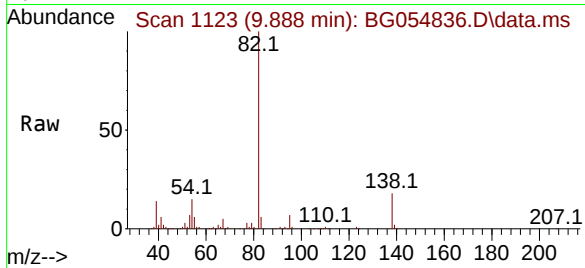




#25
Isophorone
Concen: 43.873 ng
RT: 9.888 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

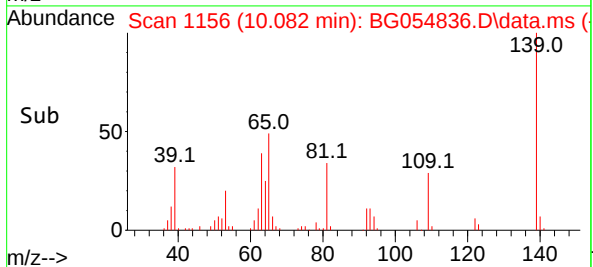
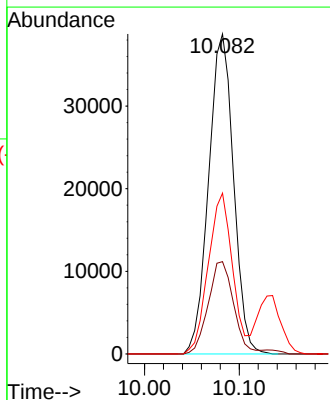
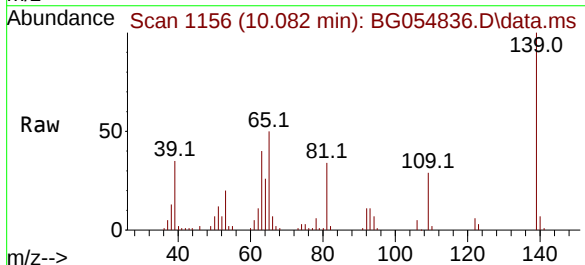
Instrument :
BNA_G
ClientSampleId :
PB147356BS

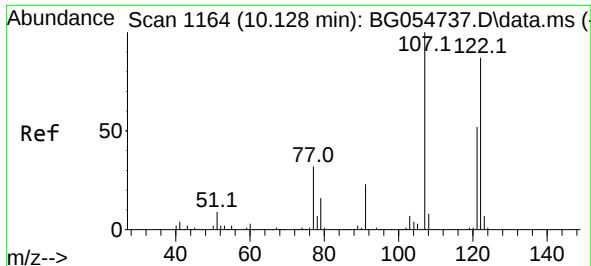
Tgt Ion: 82 Resp: 266493
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 48.640 ng
RT: 10.082 min Scan# 1156
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion: 139 Resp: 70548
Ion Ratio Lower Upper
139 100
109 28.8 21.8 32.6
65 50.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.493 ng

RT: 10.129 min Scan# 1164

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

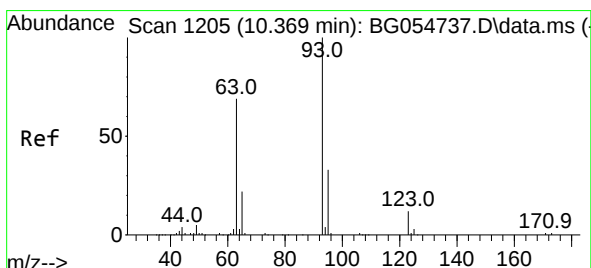
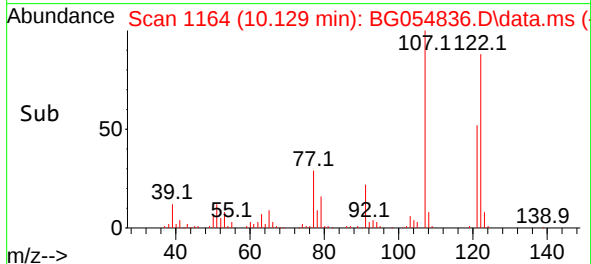
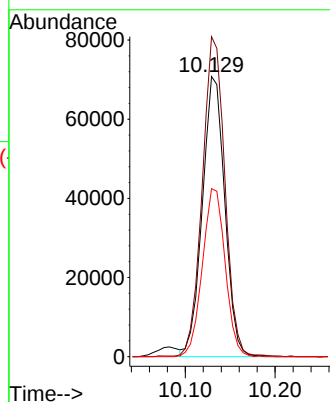
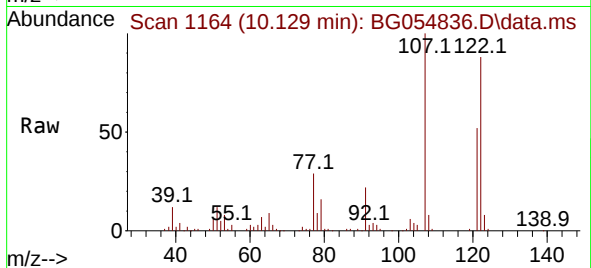
Tgt Ion:122 Resp: 122930

Ion Ratio Lower Upper

122 100

107 114.2 94.6 142.0

121 60.0 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.079 ng

RT: 10.364 min Scan# 1204

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

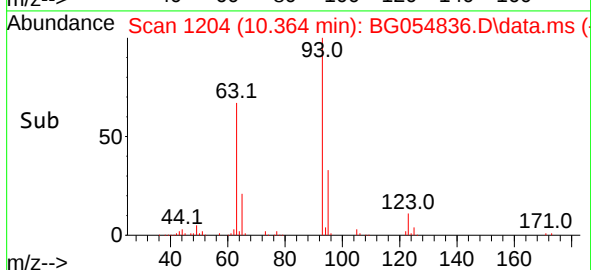
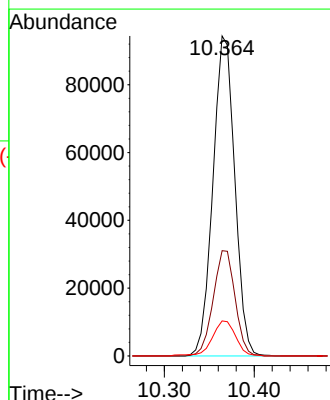
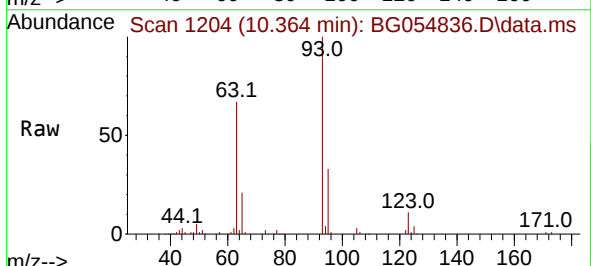
Tgt Ion: 93 Resp: 159491

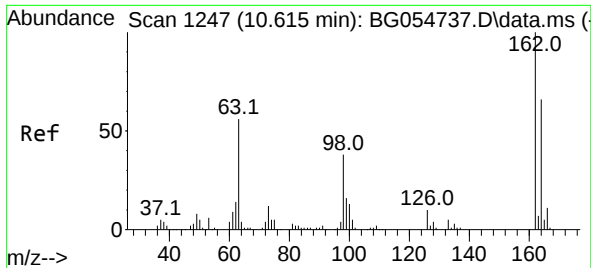
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.052 ng

RT: 10.617 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

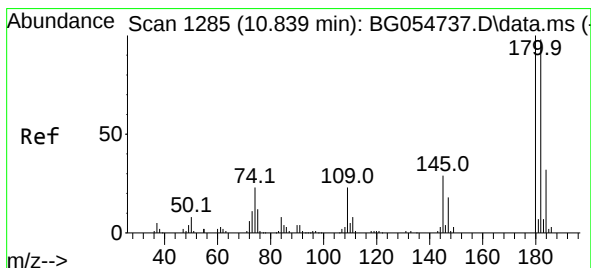
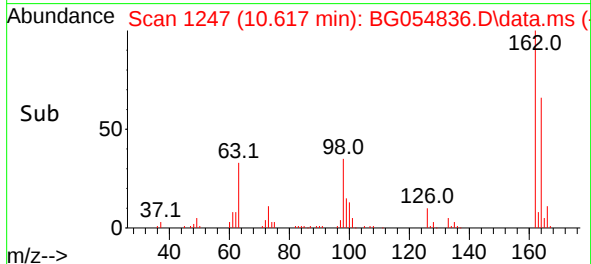
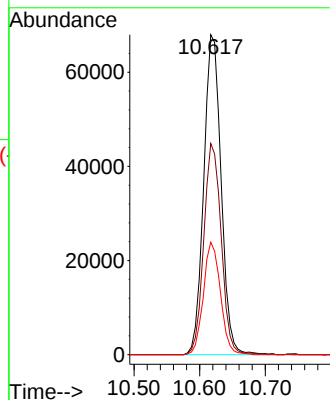
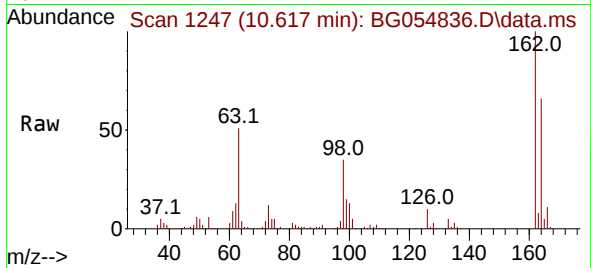
Tgt Ion:162 Resp: 125601

Ion Ratio Lower Upper

162 100

164 66.0 47.2 87.2

98 35.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 42.836 ng

RT: 10.834 min Scan# 1284

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

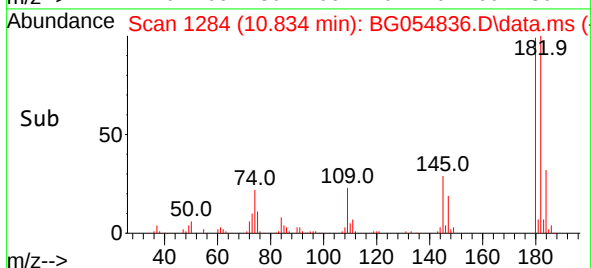
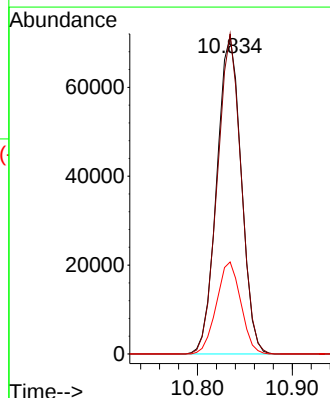
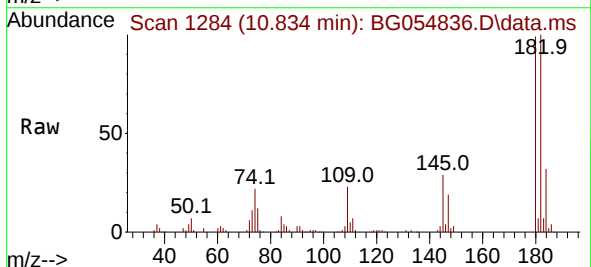
Tgt Ion:180 Resp: 127955

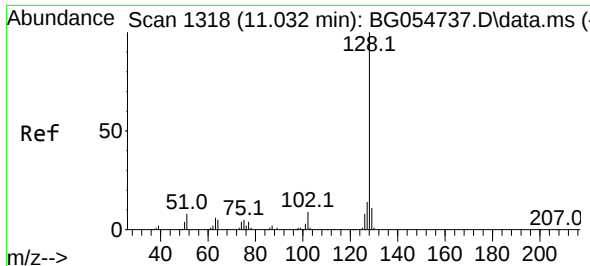
Ion Ratio Lower Upper

180 100

182 100.7 77.0 115.6

145 29.0 24.0 36.0

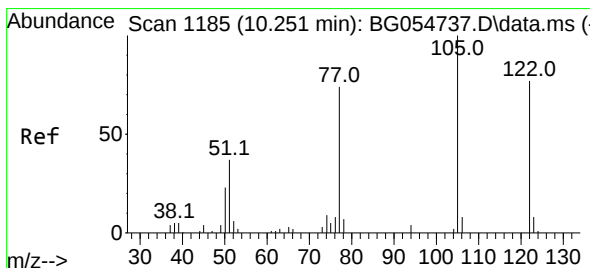
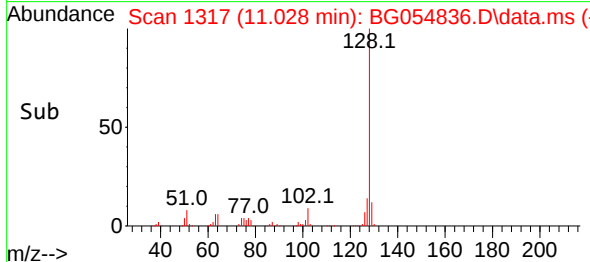
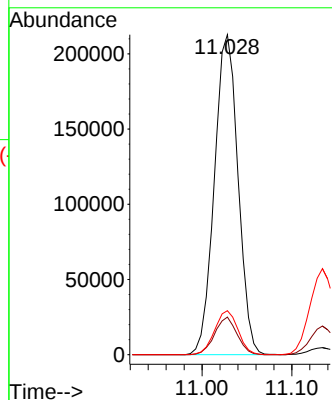
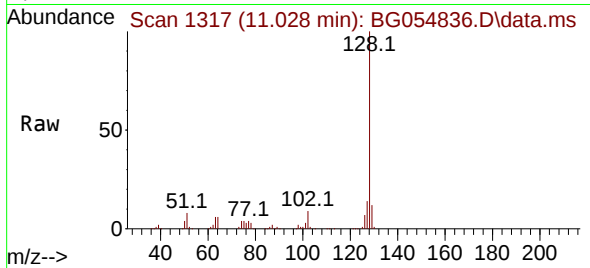




#31
Naphthalene
Concen: 42.389 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

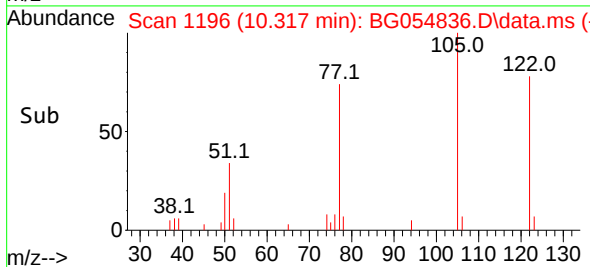
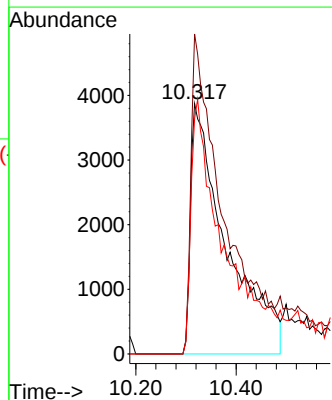
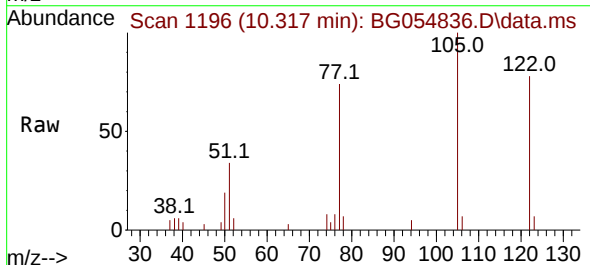
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:128 Resp: 388942
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 17.542 ng
RT: 10.317 min Scan# 1196
Delta R.T. 0.066 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:122 Resp: 19080
Ion Ratio Lower Upper
122 100
105 127.8 101.5 141.5
77 94.0 69.3 109.3

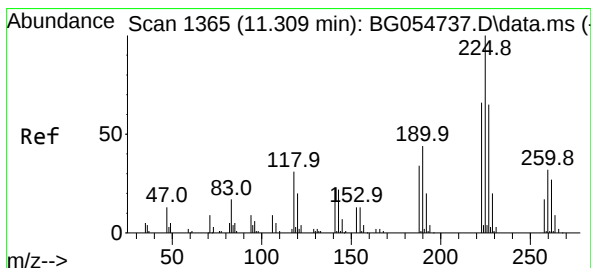
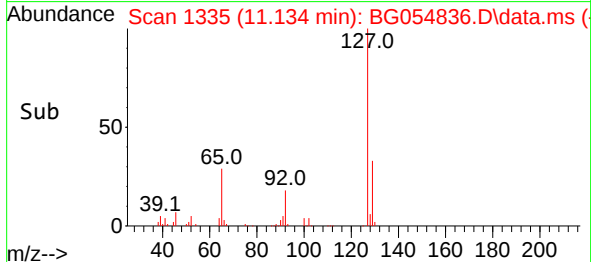
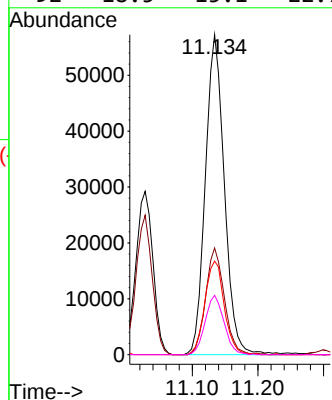
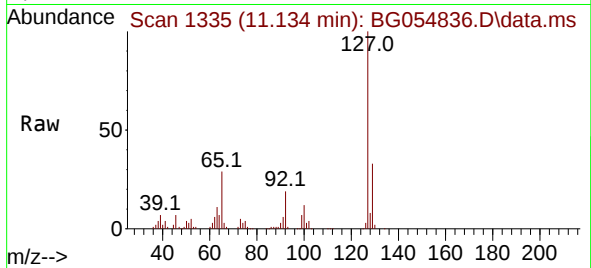




#33
4-Chloroaniline
Concen: 30.845 ng
RT: 11.134 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

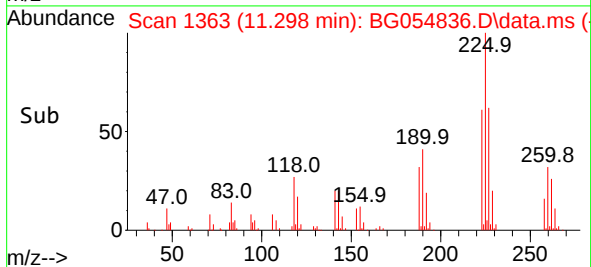
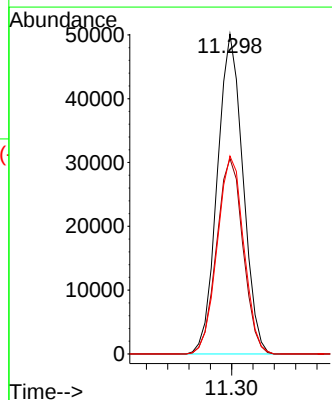
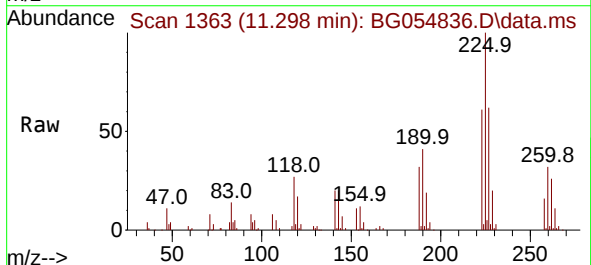
Instrument :
BNA_G
ClientSampleId :
PB147356BS

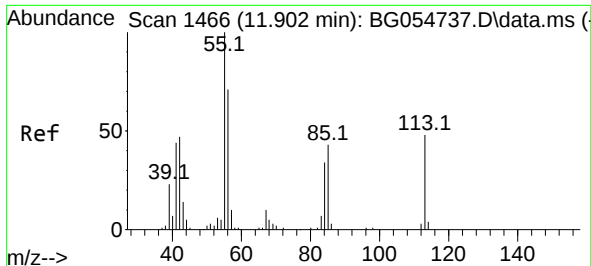
Tgt Ion:	127	Resp:	115380
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.0	39.0
65	29.2	25.8	38.8
92	18.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 43.714 ng
RT: 11.298 min Scan# 1363
Delta R.T. -0.010 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:	225	Resp:	83661
Ion Ratio	Lower	Upper	
225	100		
223	61.0	51.4	77.0
227	61.9	52.6	79.0

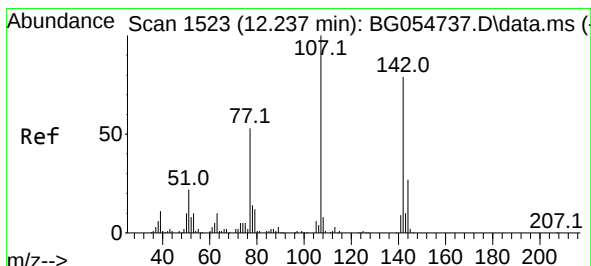
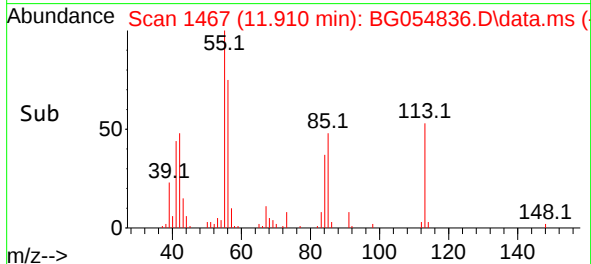
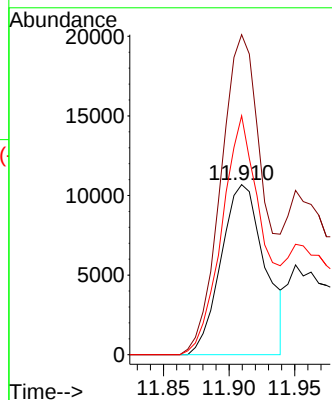
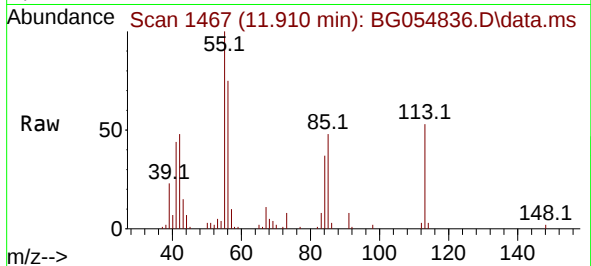




#35
Caprolactam
Concen: 26.876 ng
RT: 11.910 min Scan# 1466
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

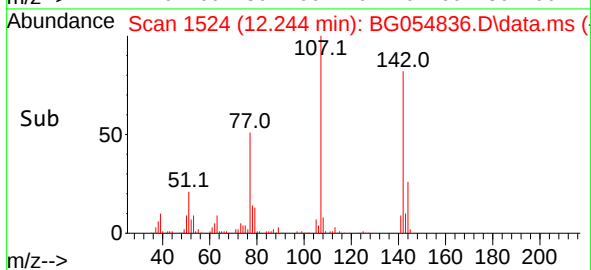
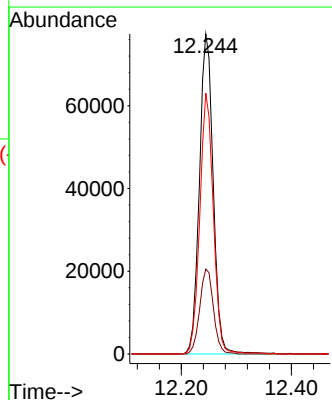
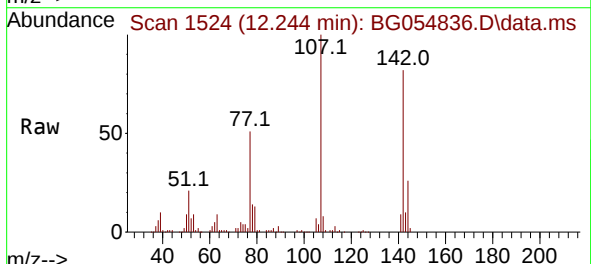
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:113 Resp: 24784
Ion Ratio Lower Upper
113 100
55 188.1 179.1 219.1
56 140.5 120.8 160.8



#36
4-Chloro-3-methylphenol
Concen: 47.077 ng
RT: 12.244 min Scan# 1524
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:107 Resp: 134562
Ion Ratio Lower Upper
107 100
144 26.5 22.4 33.6
142 81.5 65.8 98.8





#37

2-Methylnaphthalene

Concen: 43.189 ng

RT: 12.620 min Scan# 1589

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

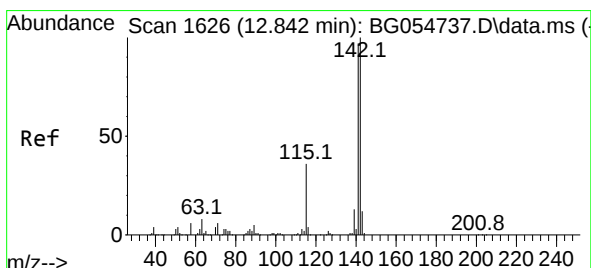
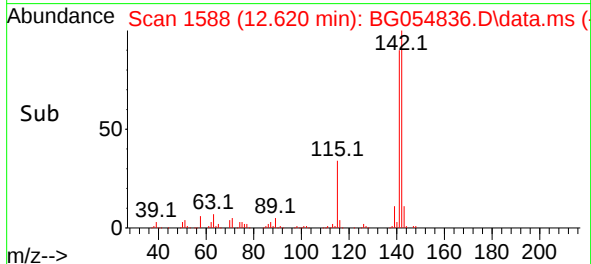
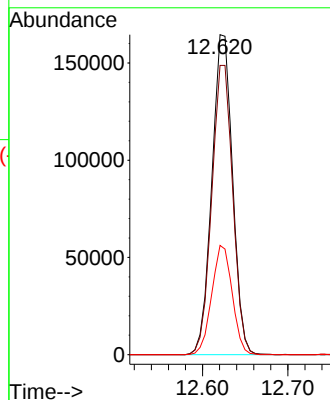
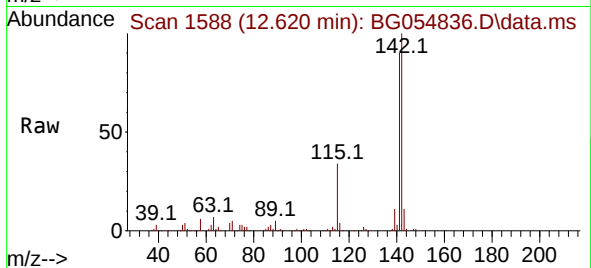
Tgt Ion:142 Resp: 277743

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.4

115 34.1 27.3 40.9



#38

1-Methylnaphthalene

Concen: 42.244 ng

RT: 12.844 min Scan# 1626

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

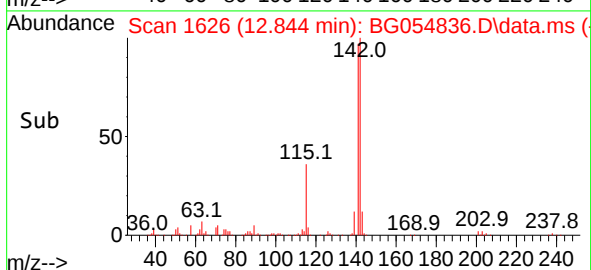
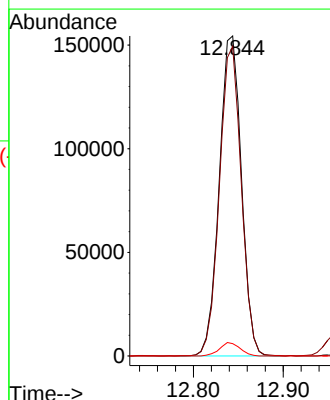
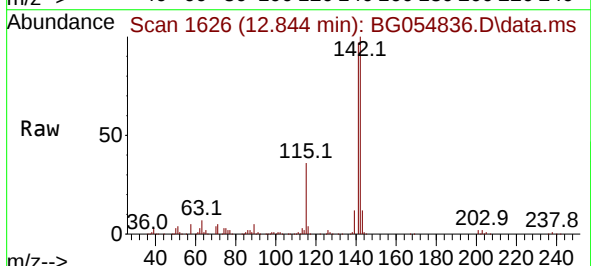
Tgt Ion:142 Resp: 264313

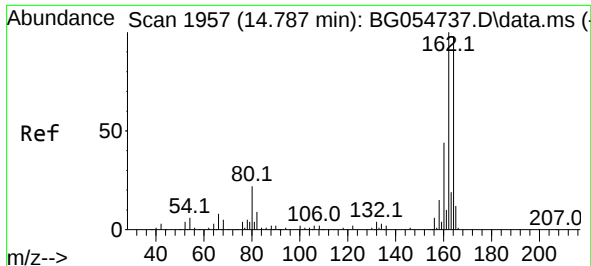
Ion Ratio Lower Upper

142 100

141 96.8 77.4 116.0

116 3.9 3.0 4.4

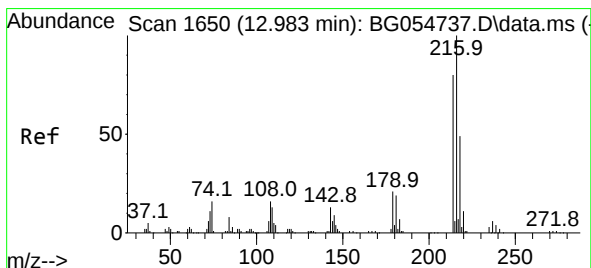
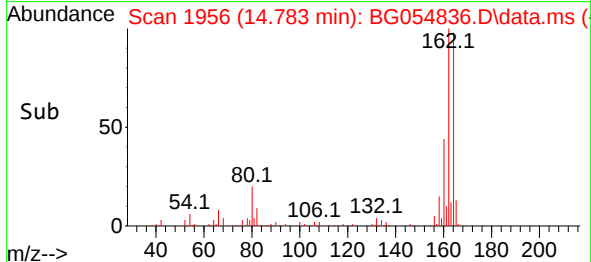
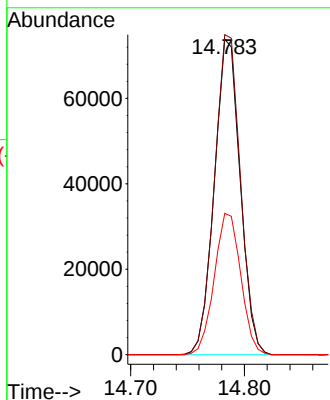
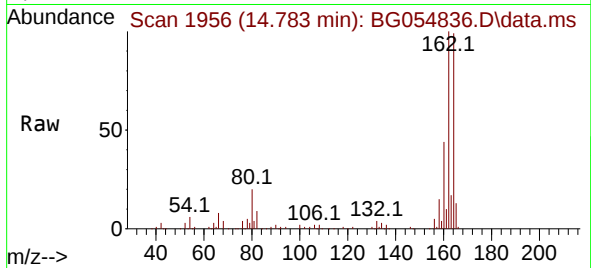




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

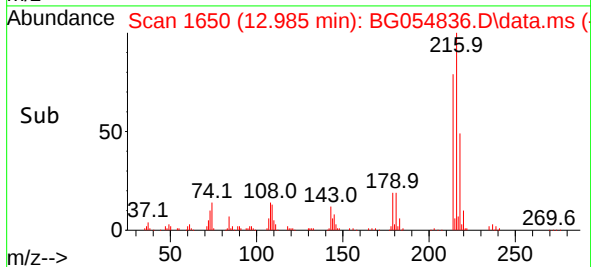
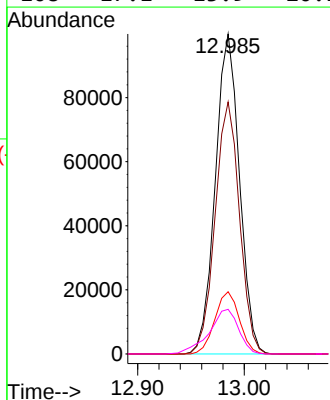
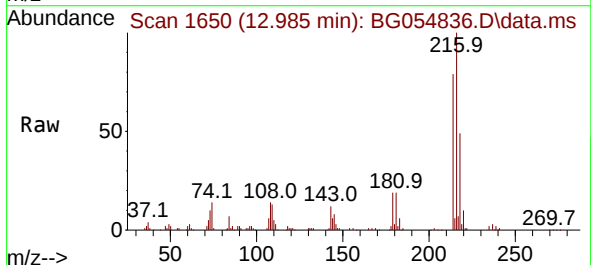
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:164 Resp: 116640
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.4
160 44.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.595 ng
RT: 12.985 min Scan# 1650
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

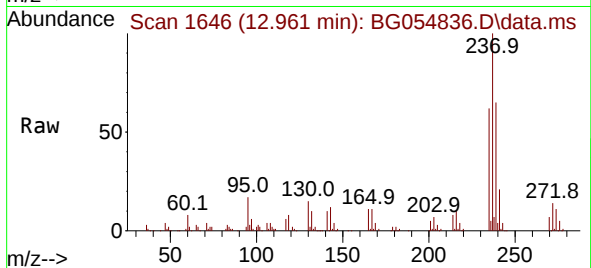
Tgt Ion:216 Resp: 156799
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 19.7 16.5 24.7
108 17.1 13.9 20.9



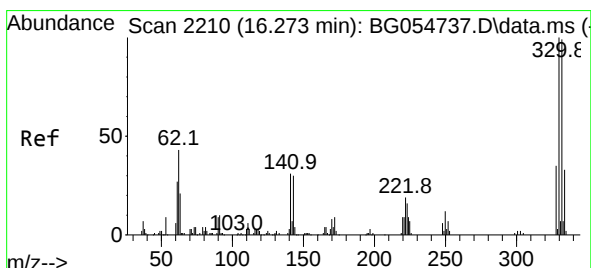
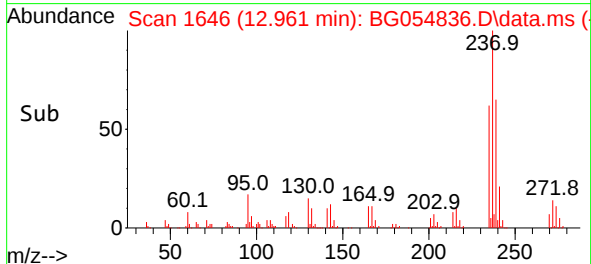
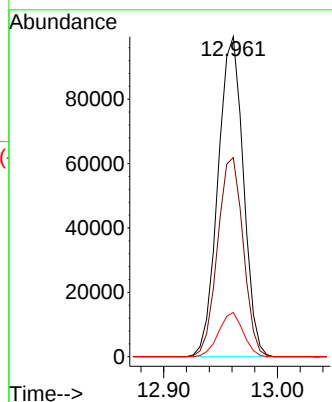


#41
Hexachlorocyclopentadiene
Concen: 82.728 ng
RT: 12.961 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Instrument :
BNA_G
ClientSampleId :
PB147356BS

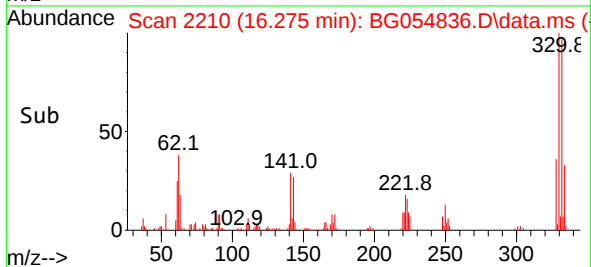
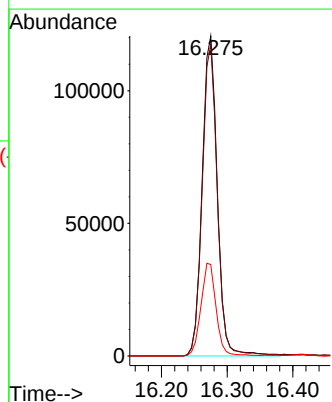
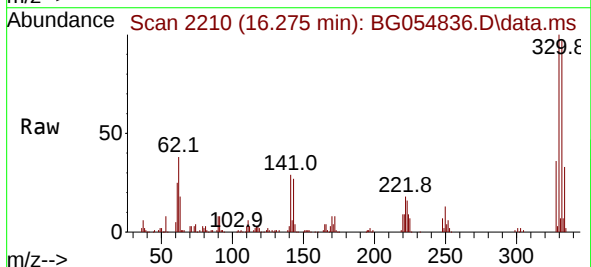


Tgt Ion:237 Resp: 154260
Ion Ratio Lower Upper
237 100
235 62.2 42.2 82.2
272 13.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 132.963 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:330 Resp: 193793
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 29.0 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 42.735 ng

RT: 13.226 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

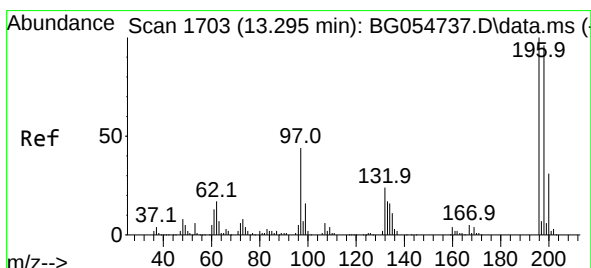
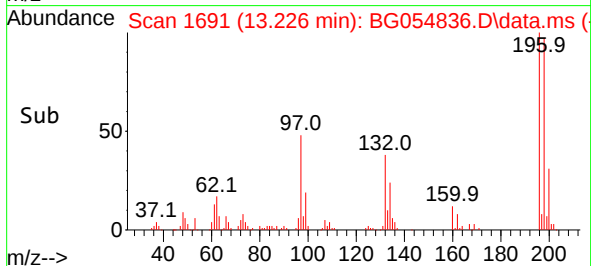
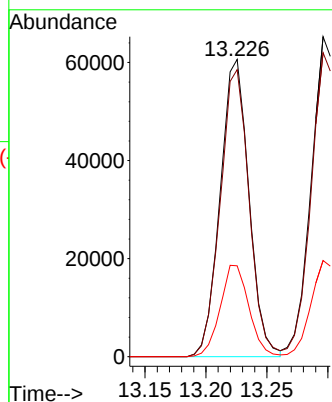
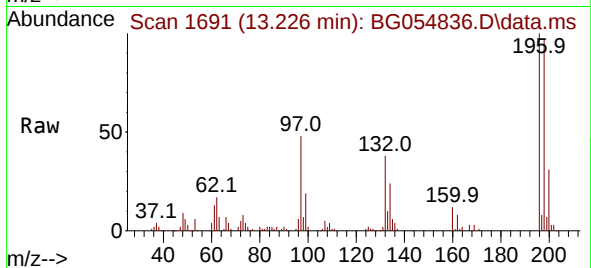
Tgt Ion:196 Resp: 99733

Ion Ratio Lower Upper

196 100

198 96.6 77.1 115.7

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.316 ng

RT: 13.296 min Scan# 1703

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Tgt Ion:196 Resp: 110907

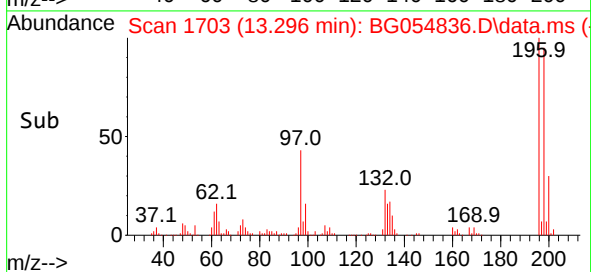
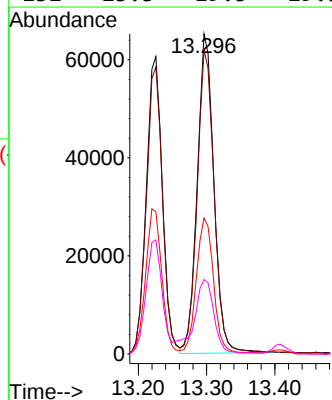
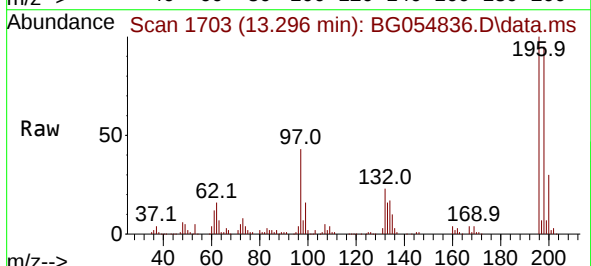
Ion Ratio Lower Upper

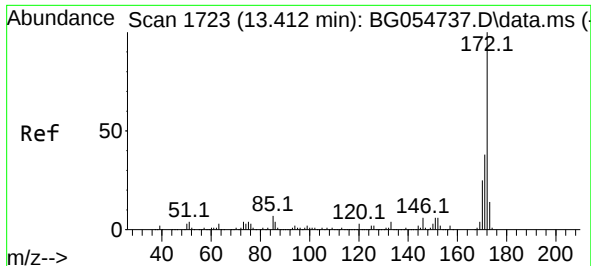
196 100

198 95.0 76.7 115.1

97 42.5 36.6 55.0

132 23.3 19.5 29.3

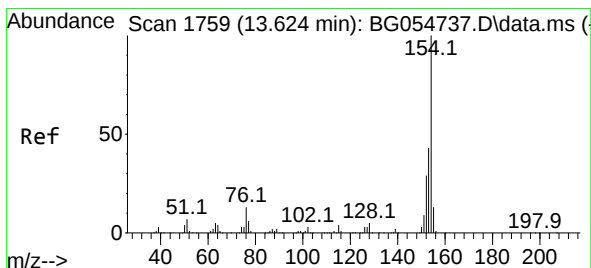
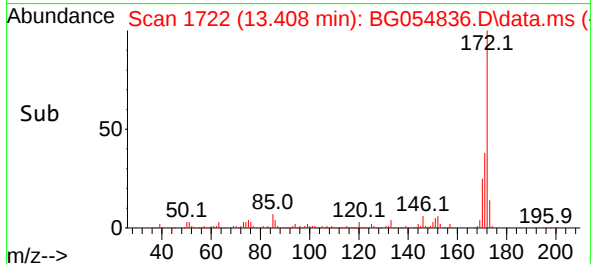
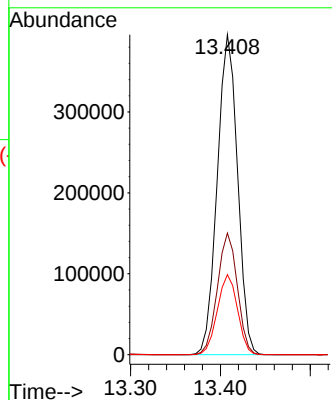
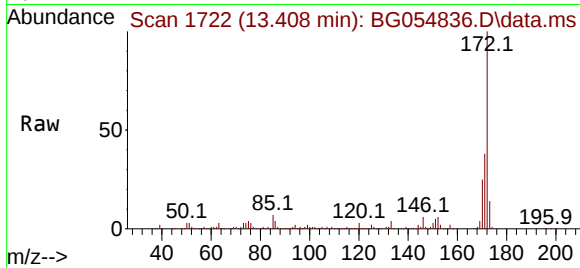




#45
2-Fluorobiphenyl
Concen: 79.945 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

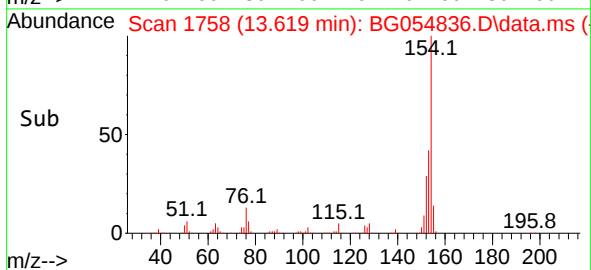
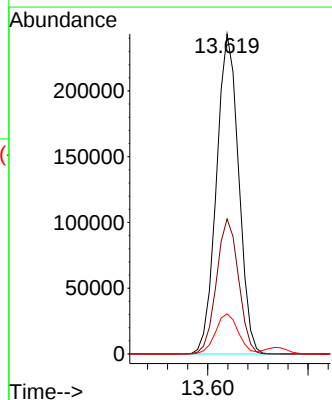
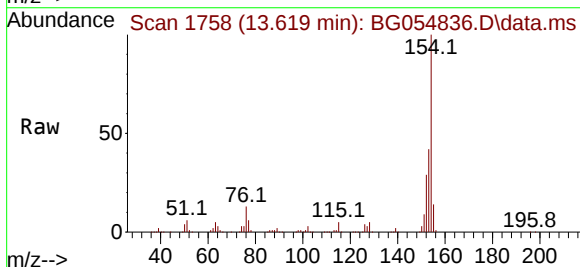
Instrument :
BNA_G
ClientSampleId :
PB147356BS

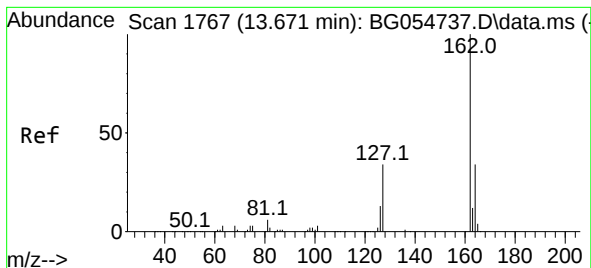
Tgt Ion:172 Resp: 620407
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 43.098 ng
RT: 13.619 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:154 Resp: 373299
Ion Ratio Lower Upper
154 100
153 42.2 22.2 62.2
76 12.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.035 ng

RT: 13.666 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

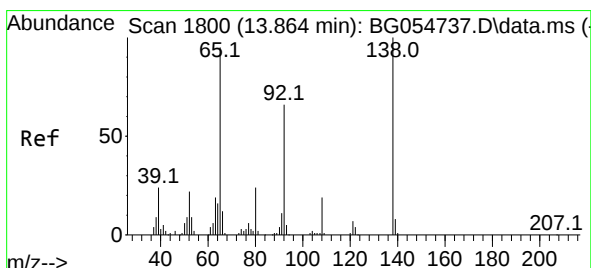
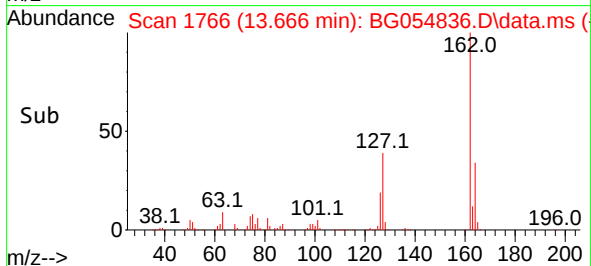
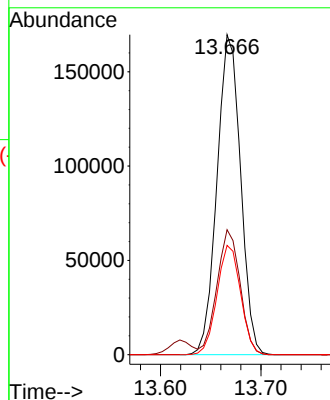
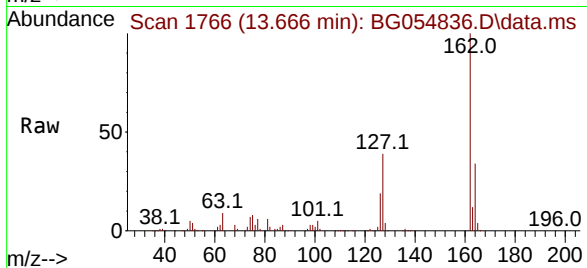
Tgt Ion:162 Resp: 276512

Ion Ratio Lower Upper

162 100

127 39.1 31.5 47.3

164 34.2 27.8 41.6



#48

2-Nitroaniline

Concen: 42.801 ng

RT: 13.872 min Scan# 1801

Delta R.T. 0.007 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

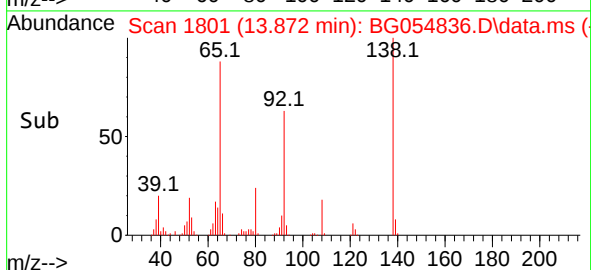
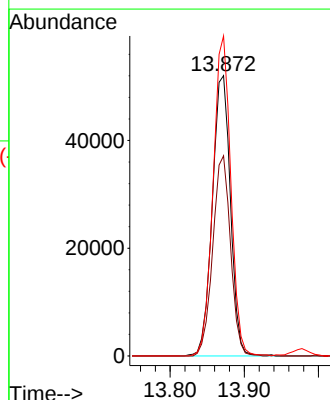
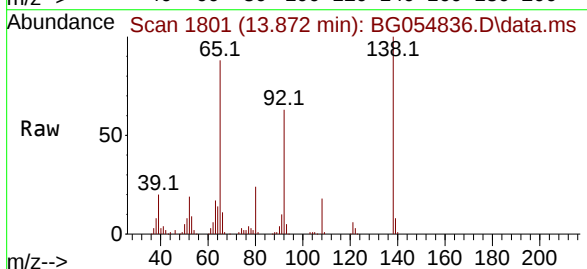
Tgt Ion: 65 Resp: 88239

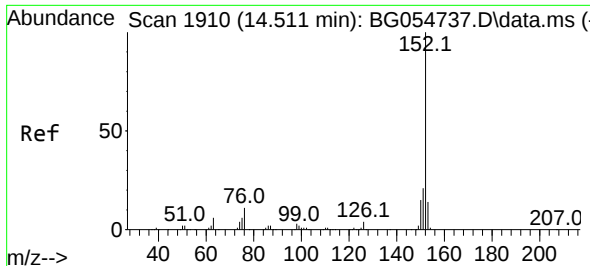
Ion Ratio Lower Upper

65 100

92 71.4 54.7 82.1

138 114.2 84.1 126.1

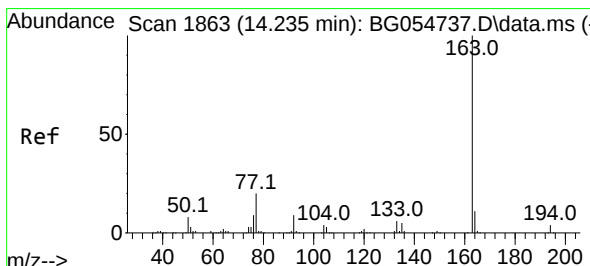
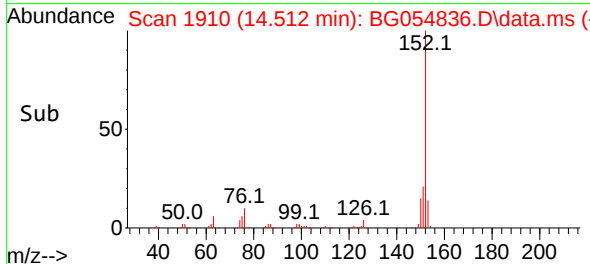
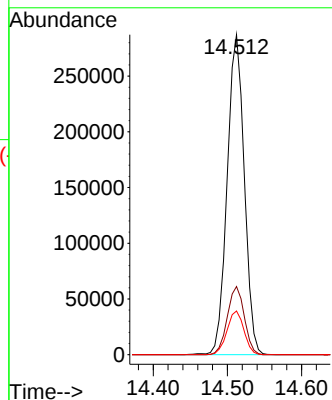
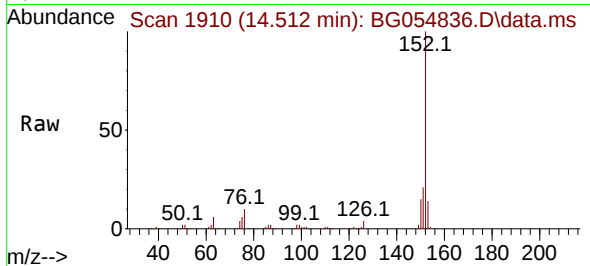




#49
Acenaphthylene
Concen: 42.385 ng
RT: 14.512 min Scan# 1910
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

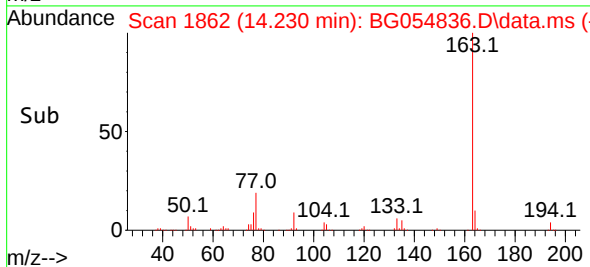
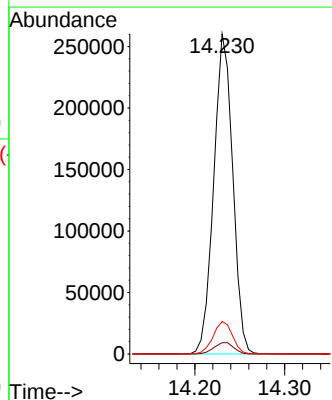
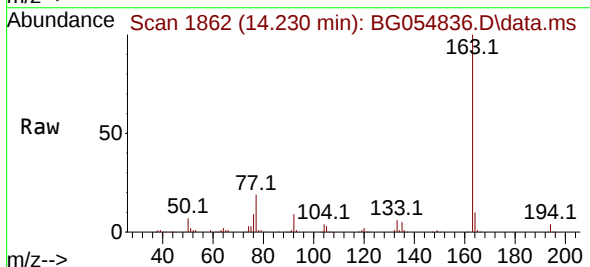
Instrument :
BNA_G
ClientSampleId :
PB147356BS

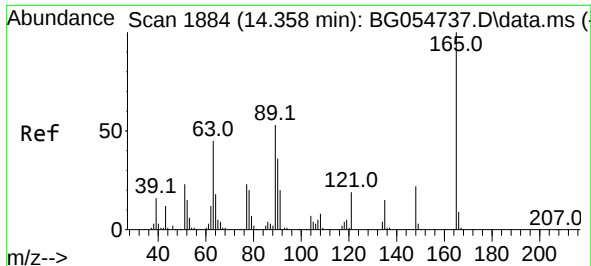
Tgt Ion:152 Resp: 460097
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 42.505 ng
RT: 14.230 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:163 Resp: 381952
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.2 8.0 12.0

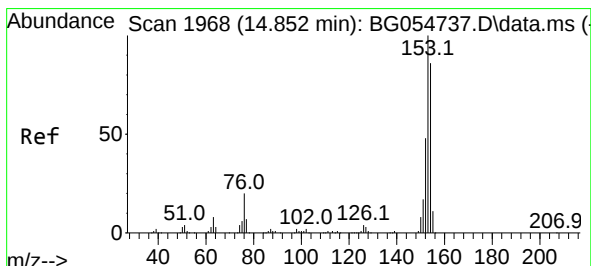
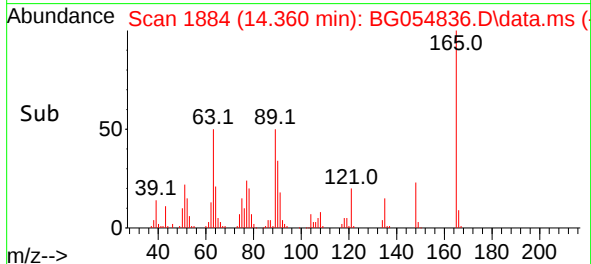
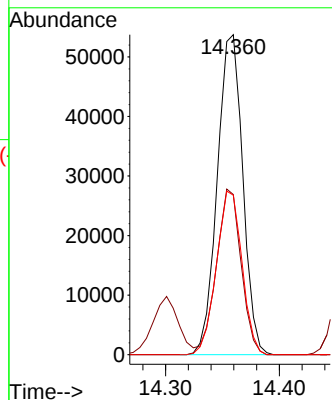
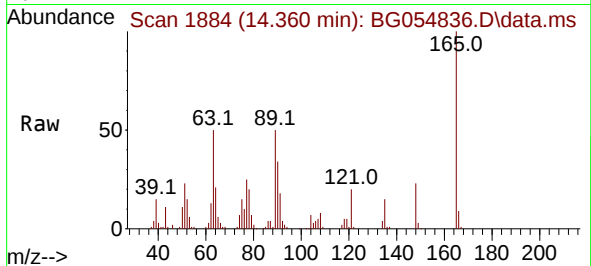




#51
2,6-Dinitrotoluene
Concen: 45.515 ng
RT: 14.360 min Scan# 1884
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

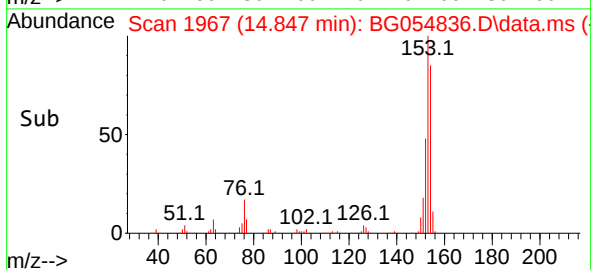
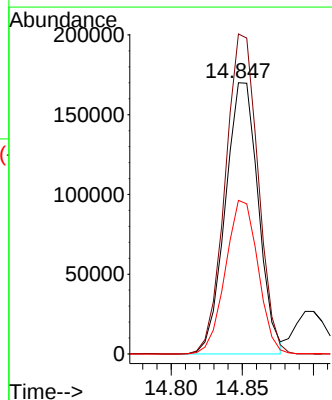
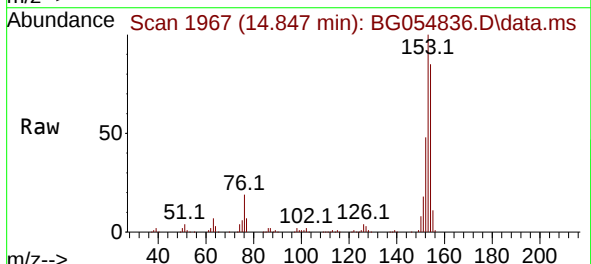
Instrument :
BNA_G
ClientSampleId :
PB147356BS

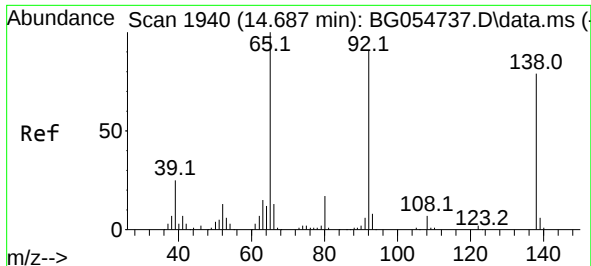
Tgt Ion:165 Resp: 83656
Ion Ratio Lower Upper
165 100
63 50.0 46.0 69.0
89 49.8 50.3 75.5#



#52
Acenaphthene
Concen: 39.365 ng
RT: 14.847 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:154 Resp: 274485
Ion Ratio Lower Upper
154 100
153 118.0 92.8 139.2
152 56.6 45.4 68.2

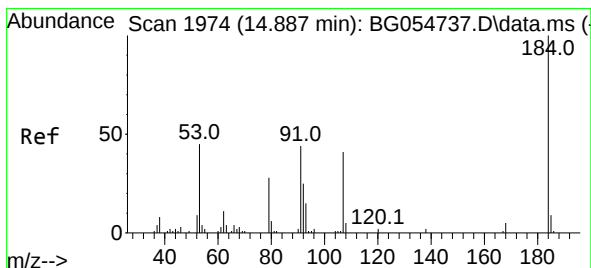
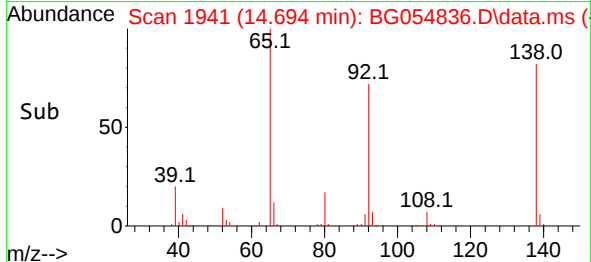
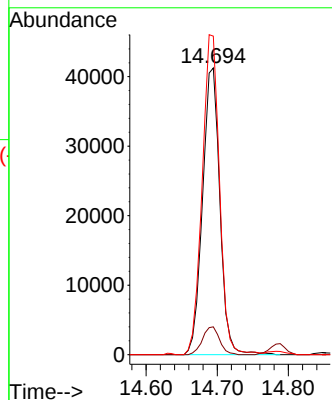
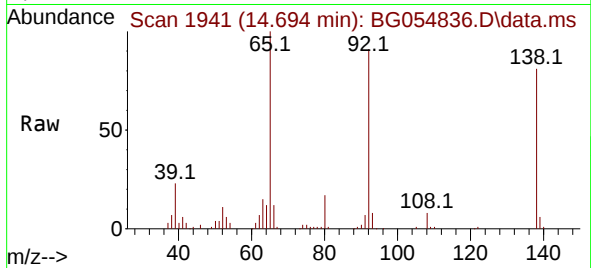




#53
3-Nitroaniline
Concen: 34.056 ng
RT: 14.694 min Scan# 1941
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

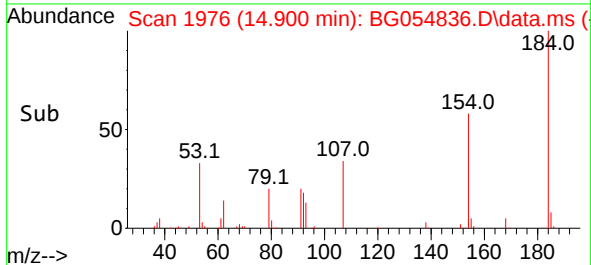
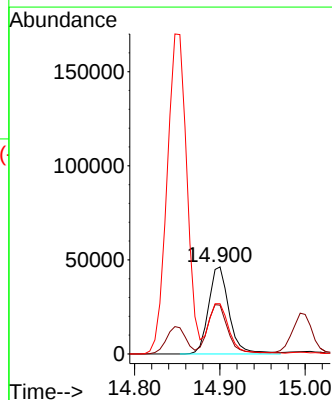
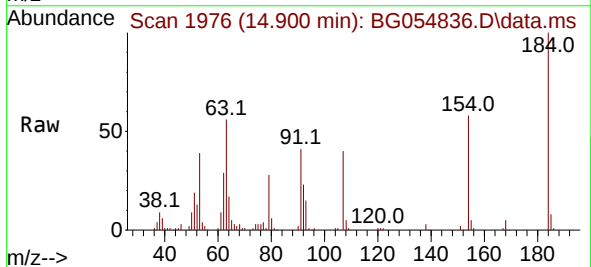
Instrument :
BNA_G
ClientSampleId :
PB147356BS

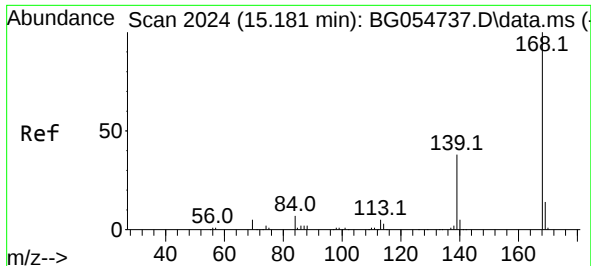
Tgt Ion:138 Resp: 70072
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 111.1 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 74.995 ng
RT: 14.900 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:184 Resp: 77317
Ion Ratio Lower Upper
184 100
63 56.1 41.8 62.8
154 57.8 45.2 67.8

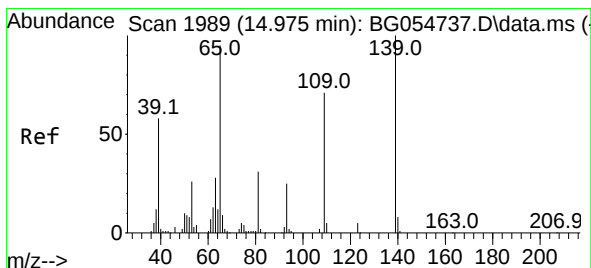
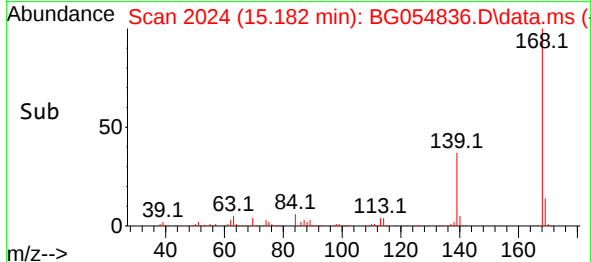
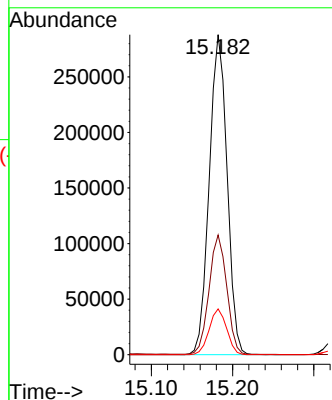
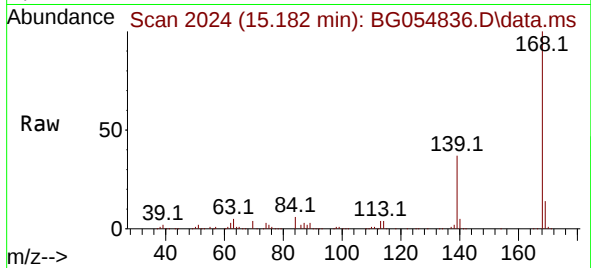




#55
Dibenzofuran
Concen: 42.788 ng
RT: 15.182 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

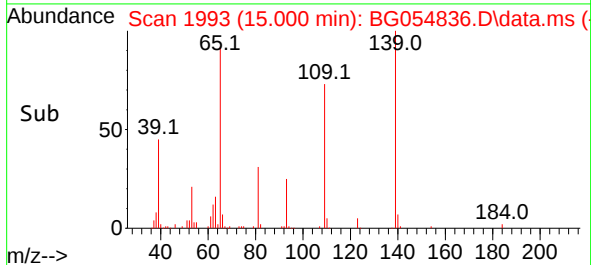
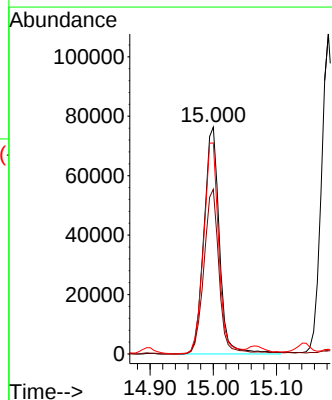
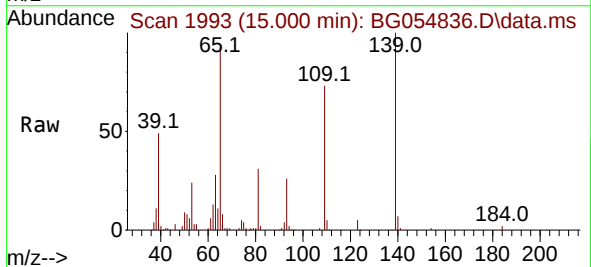
Instrument :
BNA_G
ClientSampleId :
PB147356BS

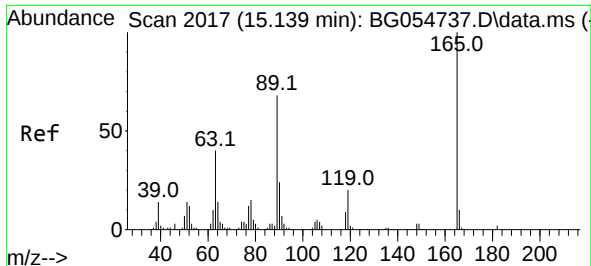
Tgt Ion:168 Resp: 438413
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 81.650 ng
RT: 15.000 min Scan# 1993
Delta R.T. 0.025 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:139 Resp: 130008
Ion Ratio Lower Upper
139 100
109 72.6 50.5 90.5
65 93.0 79.9 119.9

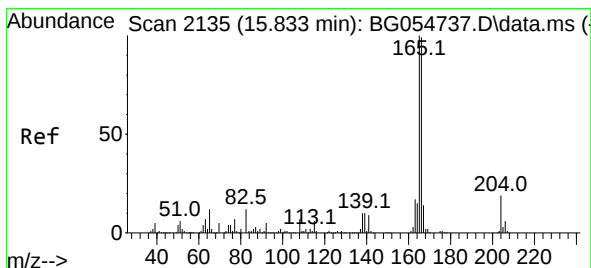
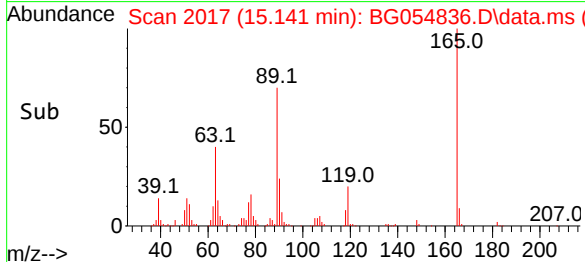
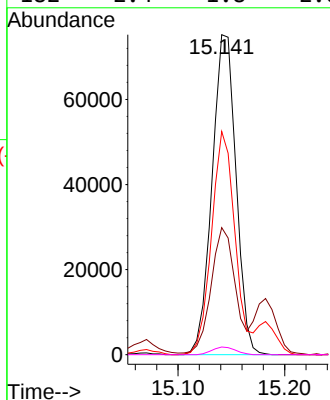
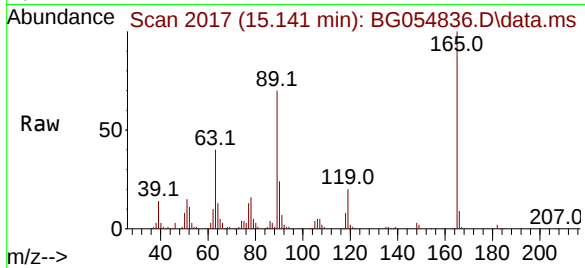




#57
2,4-Dinitrotoluene
Concen: 46.229 ng
RT: 15.141 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

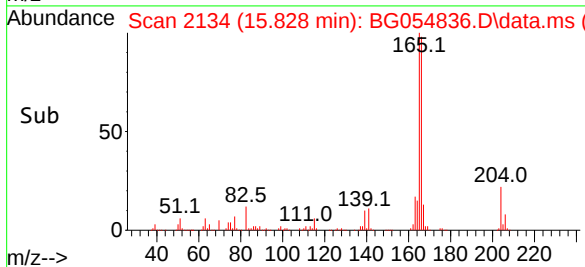
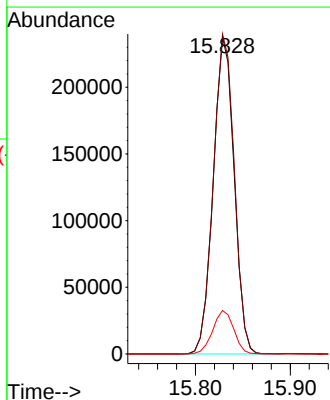
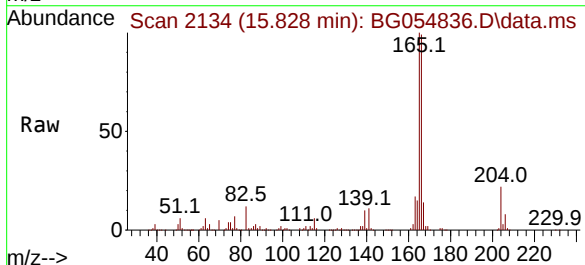
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:165 Resp: 117527
Ion Ratio Lower Upper
165 100
63 39.7 36.8 55.2
89 69.7 64.3 96.5
182 2.4 1.8 2.6



#58
Fluorene
Concen: 42.202 ng
RT: 15.828 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:166 Resp: 364270
Ion Ratio Lower Upper
166 100
165 100.9 80.8 121.2
167 13.7 11.4 17.0

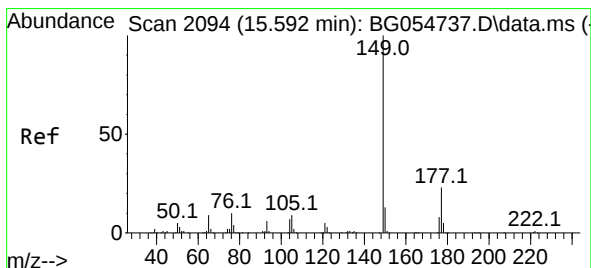
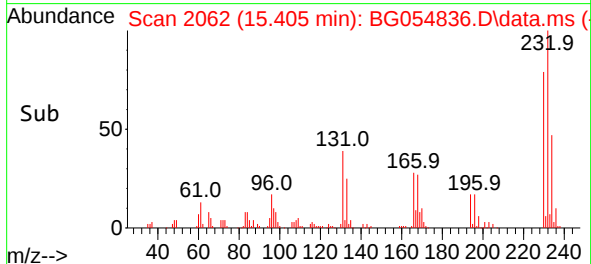
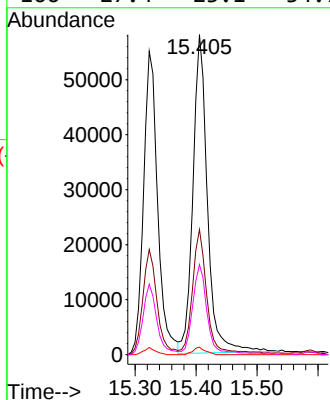
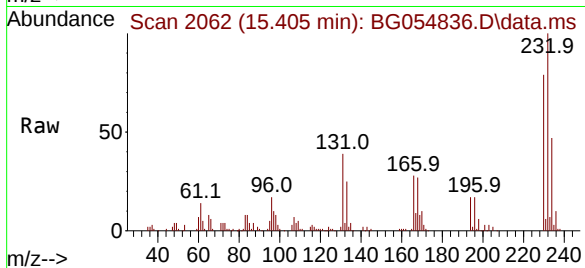




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.596 ng
RT: 15.405 min Scan# 2062
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

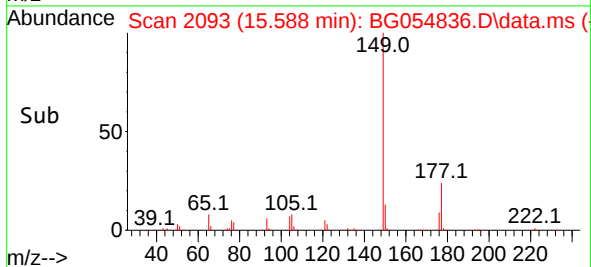
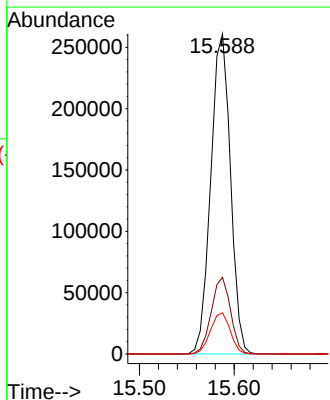
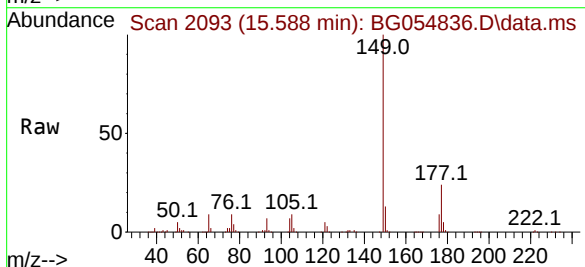
Instrument :
BNA_G
ClientSampleId :
PB147356BS

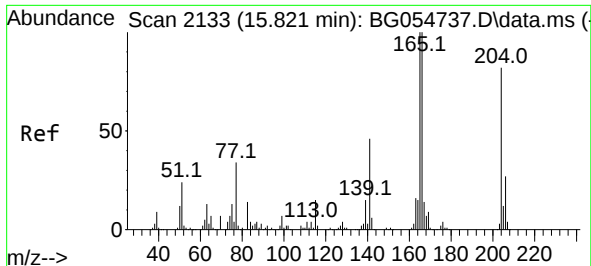
Tgt Ion:232 Resp: 95912
Ion Ratio Lower Upper
232 100
131 40.5 31.3 46.9
130 2.0 1.8 2.6
166 27.4 23.1 34.7



#60
Diethylphthalate
Concen: 41.920 ng
RT: 15.588 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:149 Resp: 376153
Ion Ratio Lower Upper
149 100
177 23.9 17.8 26.6
150 12.9 10.1 15.1

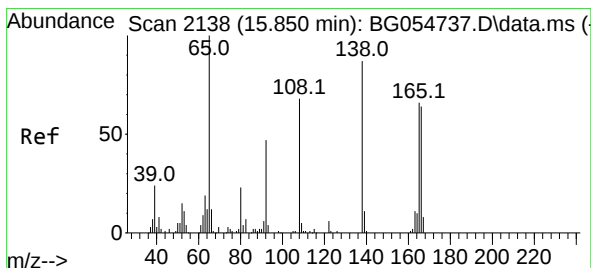
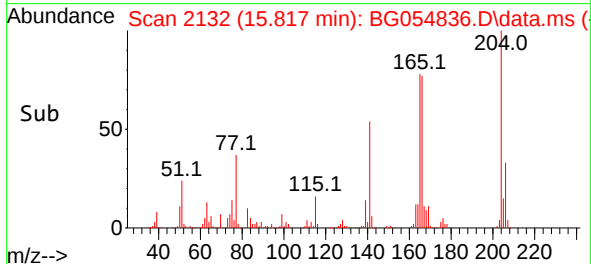
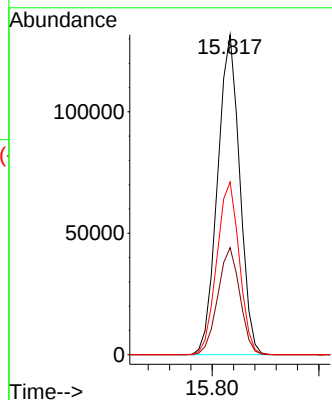
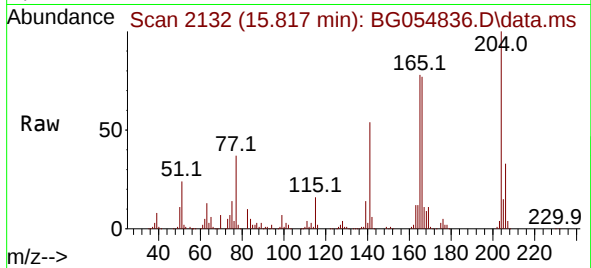




#61
4-Chlorophenyl-phenylether
Concen: 44.498 ng
RT: 15.817 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

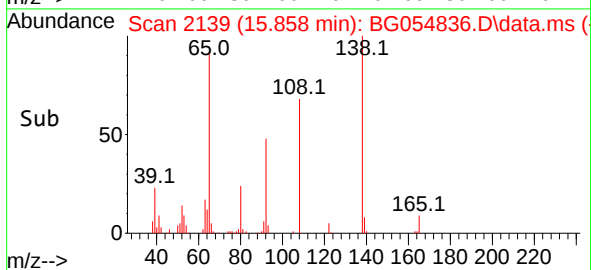
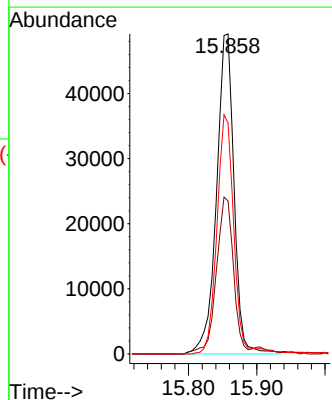
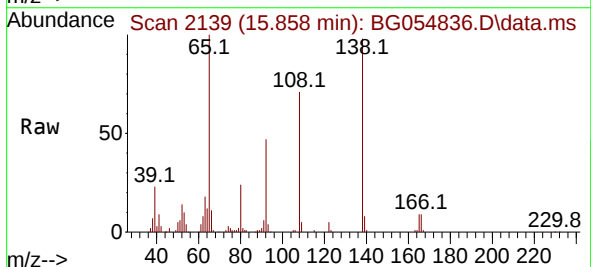
Instrument :
BNA_G
ClientSampleId :
PB147356BS

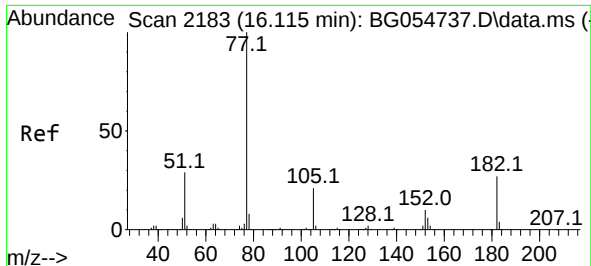
Tgt Ion:204 Resp: 189478
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 53.9 44.9 67.3



#62
4-Nitroaniline
Concen: 41.858 ng
RT: 15.858 min Scan# 2139
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:138 Resp: 87932
Ion Ratio Lower Upper
138 100
92 47.8 34.7 74.7
108 72.2 56.2 96.2

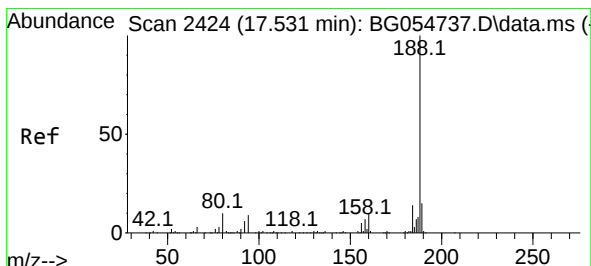
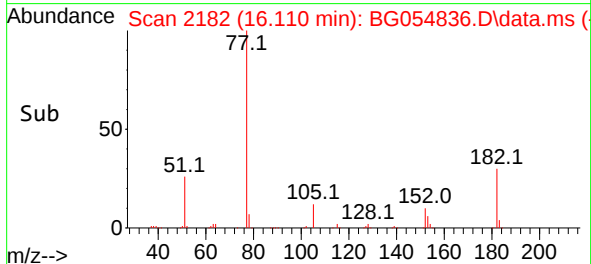
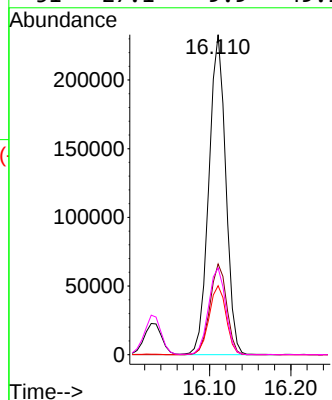
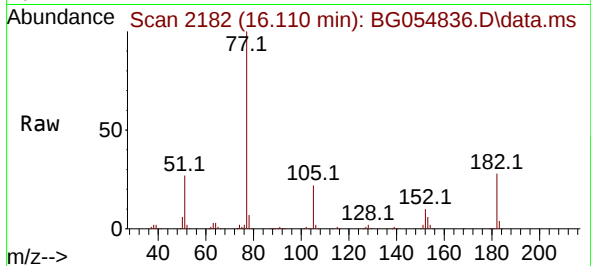




#63
Azobenzene
Concen: 39.334 ng
RT: 16.110 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

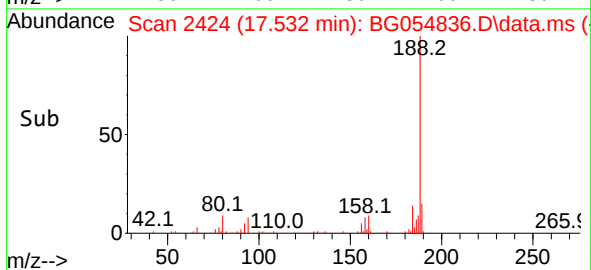
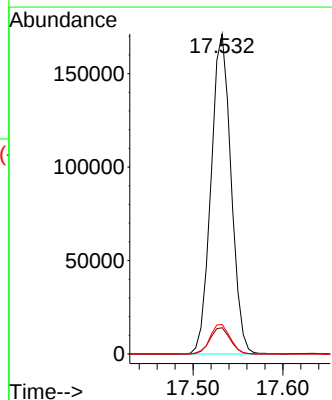
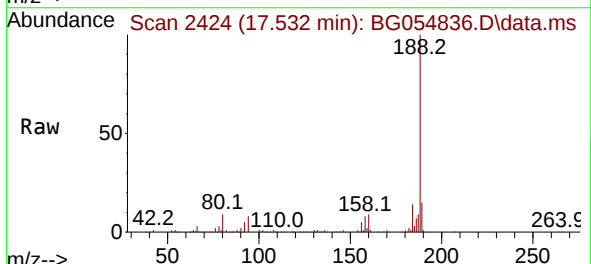
Instrument :
BNA_G
ClientSampleId :
PB147356BS

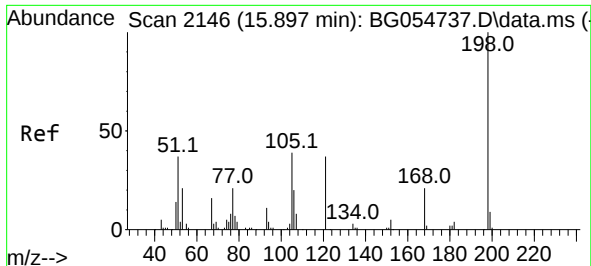
Tgt Ion: 77 Resp: 335428
Ion Ratio Lower Upper
77 100
182 28.4 5.1 45.1
105 21.6 0.7 40.7
51 27.1 9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:188 Resp: 265066
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.2 7.9 11.9

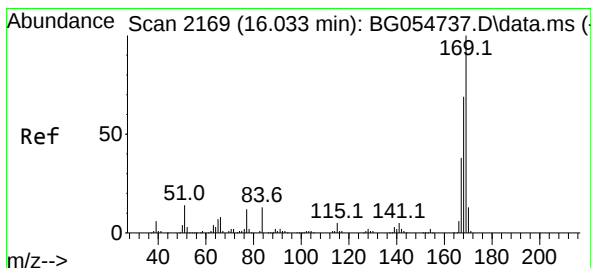
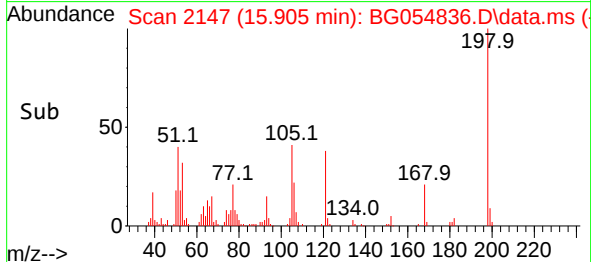
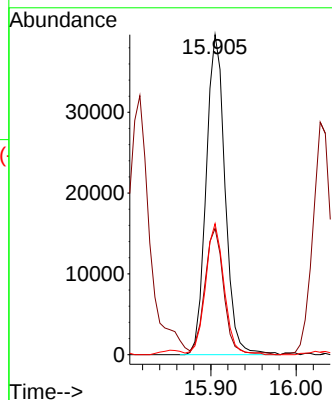
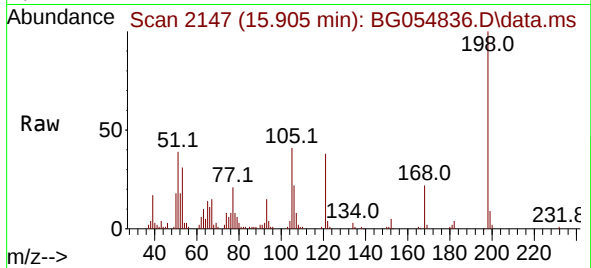




#65
4,6-Dinitro-2-methylphenol
Concen: 45.217 ng
RT: 15.905 min Scan# 2146
Delta R.T. 0.007 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

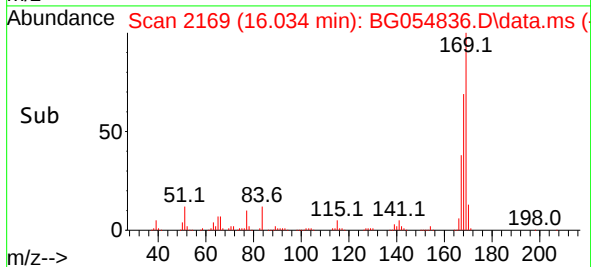
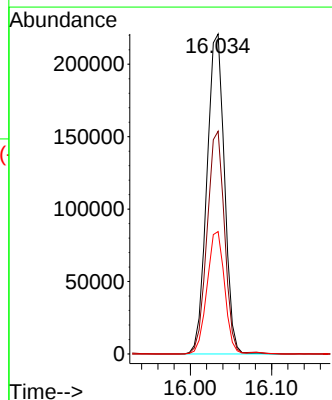
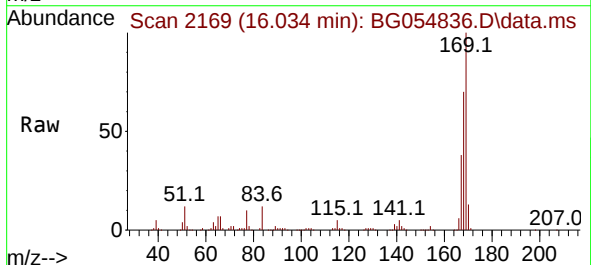
Instrument :
BNA_G
ClientSampleId :
PB147356BS

Tgt Ion:198 Resp: 61009
Ion Ratio Lower Upper
198 100
51 39.4 19.9 59.9
105 40.9 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 43.239 ng
RT: 16.034 min Scan# 2169
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:169 Resp: 330520
Ion Ratio Lower Upper
169 100
168 69.6 55.6 83.4
167 38.2 30.9 46.3

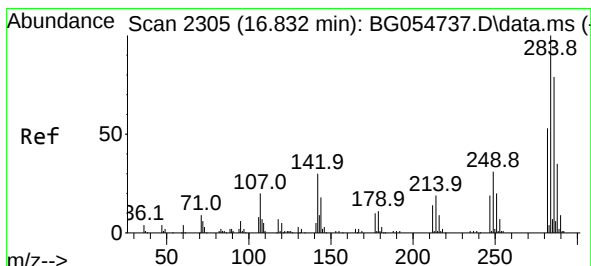
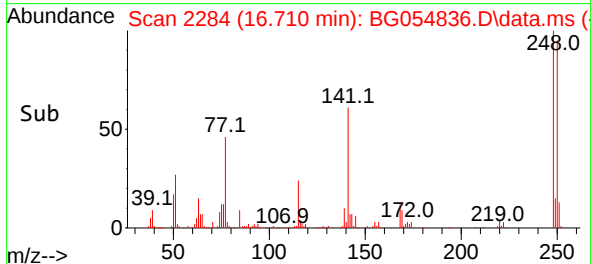
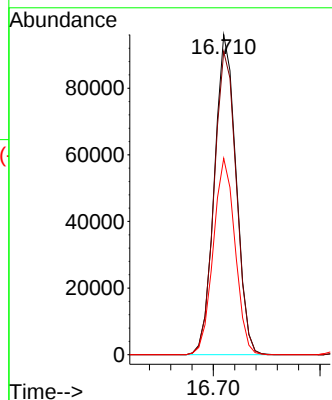
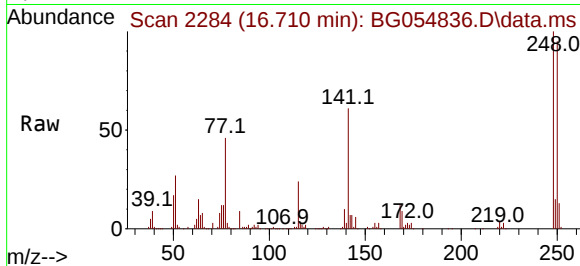




#67
4-Bromophenyl-phenylether
Concen: 46.610 ng
RT: 16.710 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

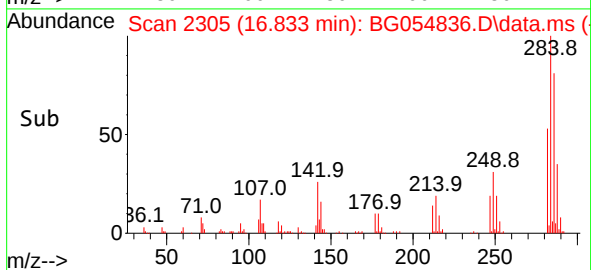
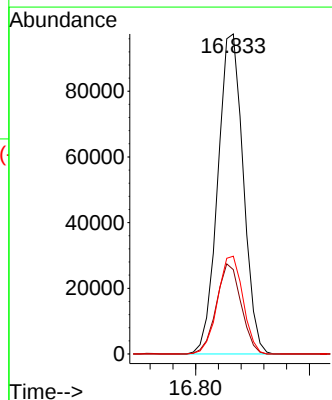
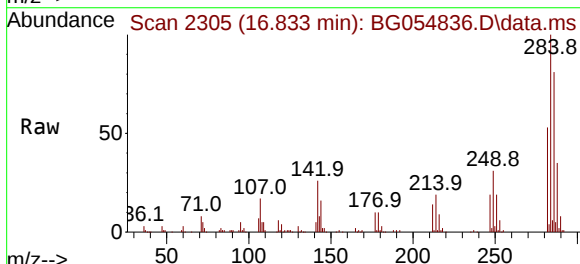
Instrument :
BNA_G
ClientSampleId :
PB147356BS

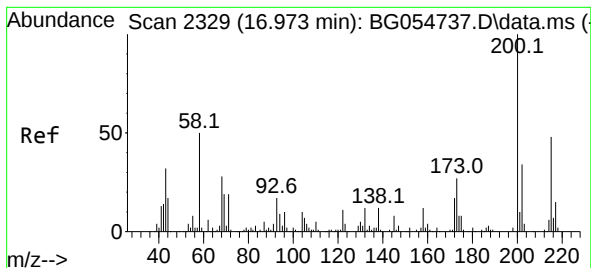
Tgt Ion:248 Resp: 135646
Ion Ratio Lower Upper
248 100
250 94.7 78.8 118.2
141 61.3 51.9 77.9



#68
Hexachlorobenzene
Concen: 46.261 ng
RT: 16.833 min Scan# 2305
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:284 Resp: 151346
Ion Ratio Lower Upper
284 100
142 26.3 25.0 37.6
249 30.5 24.5 36.7





#69

Atrazine

Concen: 47.149 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

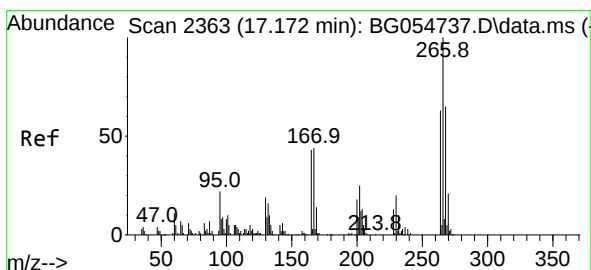
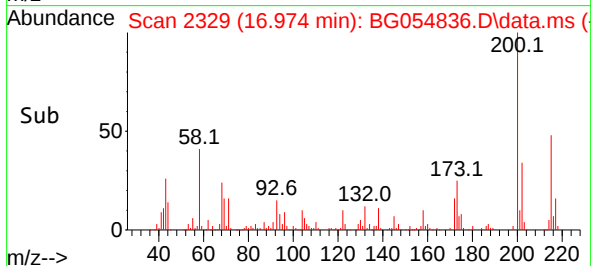
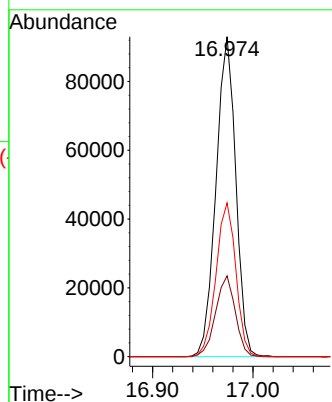
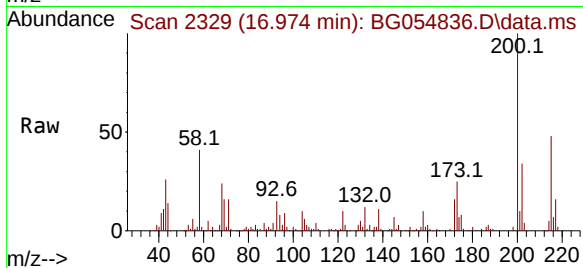
Tgt Ion:200 Resp: 127148

Ion Ratio Lower Upper

200 100

173 25.3 5.6 45.6

215 48.0 28.2 68.2



#70

Pentachlorophenol

Concen: 71.696 ng

RT: 17.180 min Scan# 2364

Delta R.T. 0.007 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

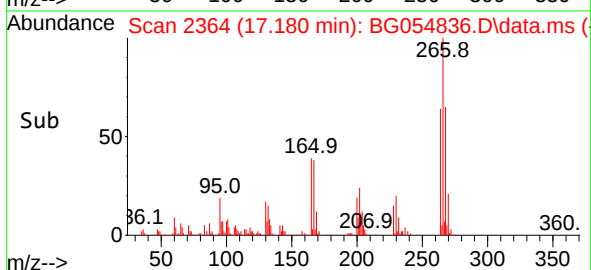
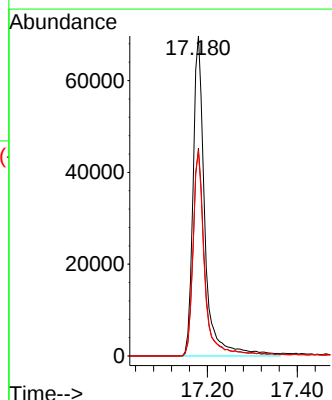
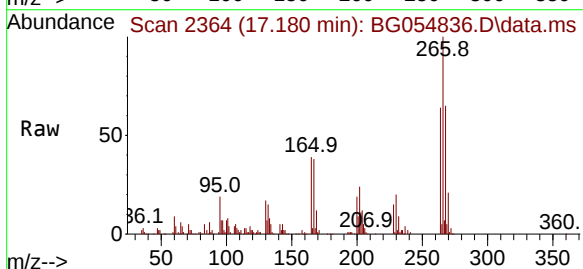
Tgt Ion:266 Resp: 127443

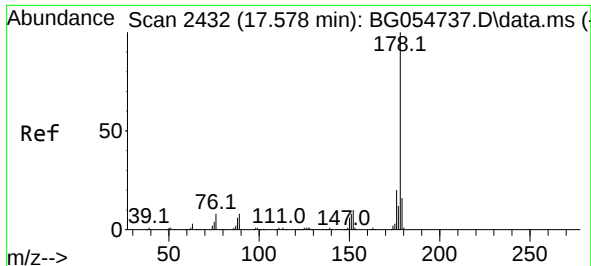
Ion Ratio Lower Upper

266 100

268 64.8 51.2 76.8

264 64.0 49.4 74.0

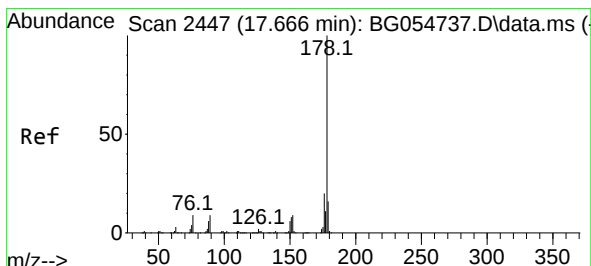
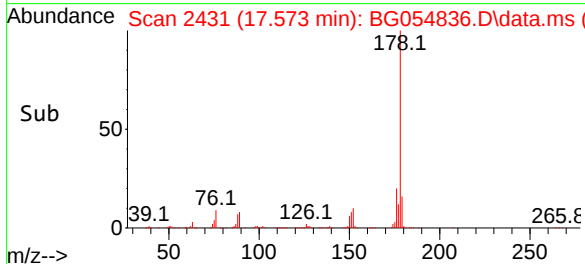
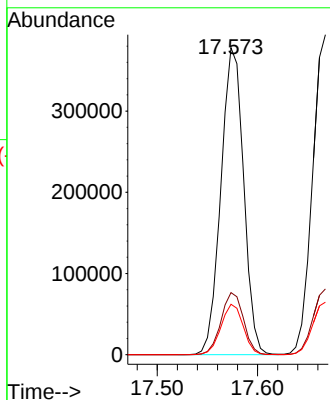
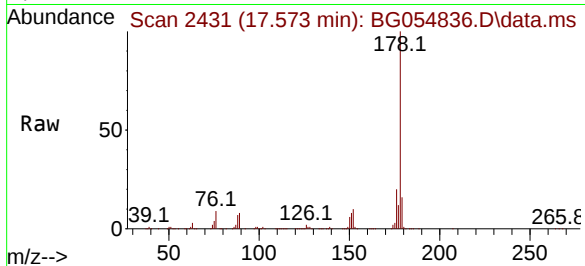




#71
Phenanthrene
Concen: 42.133 ng
RT: 17.573 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

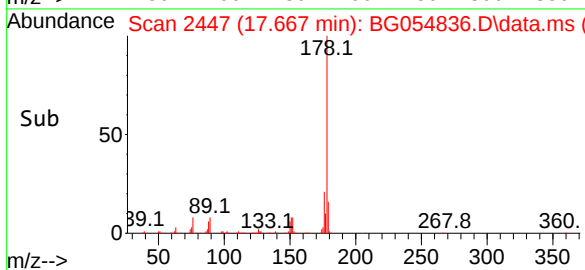
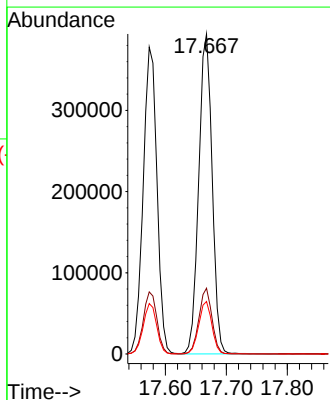
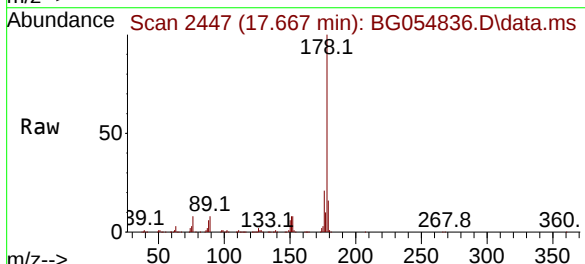
Instrument :
BNA_G
ClientSampleId :
PB147356BS

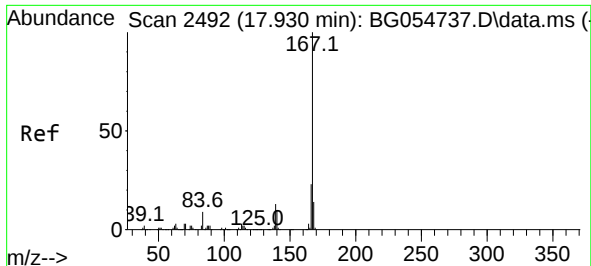
Tgt Ion:178 Resp: 594929
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 16.4 12.8 19.2



#72
Anthracene
Concen: 43.847 ng
RT: 17.667 min Scan# 2447
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:178 Resp: 601939
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.4 12.9 19.3

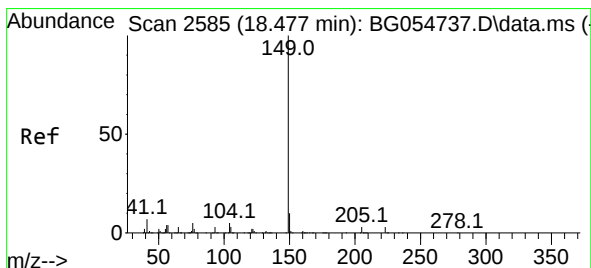
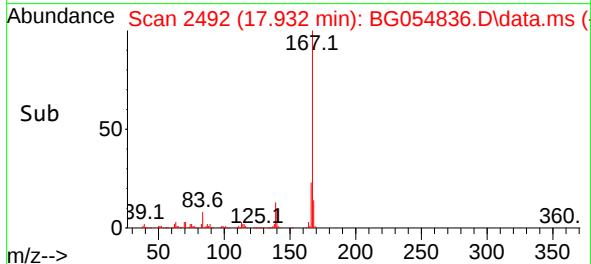
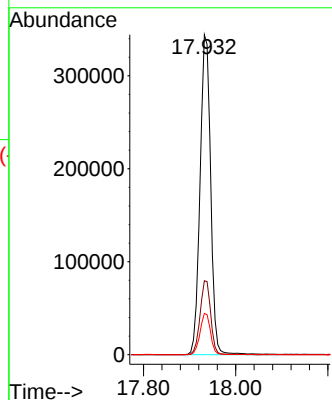
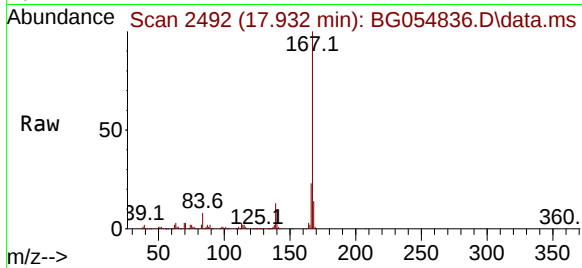




#73
 Carbazole
 Concen: 43.561 ng
 RT: 17.932 min Scan# 2492
 Delta R.T. 0.002 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

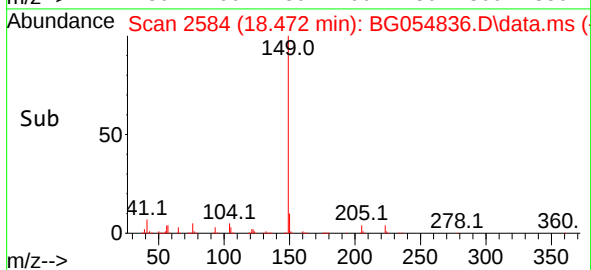
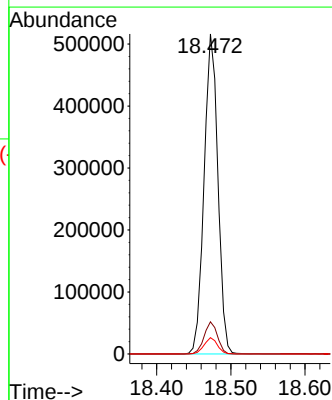
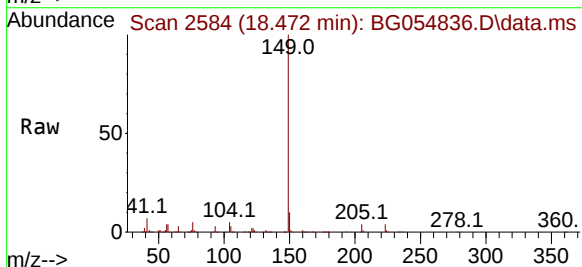
Instrument :
 BNA_G
 ClientSampleId :
 PB147356BS

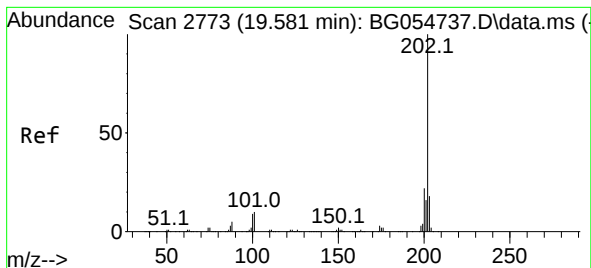
Tgt Ion:167 Resp: 550982
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.8 28.2
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.635 ng
 RT: 18.472 min Scan# 2584
 Delta R.T. -0.004 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

Tgt Ion:149 Resp: 666376
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 41.820 ng

RT: 19.577 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

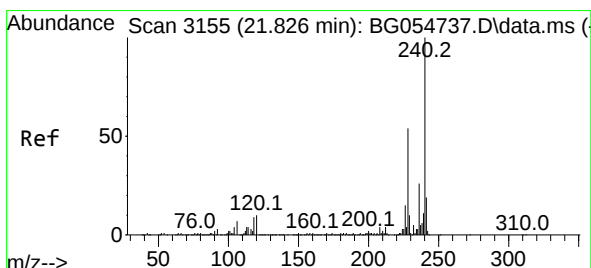
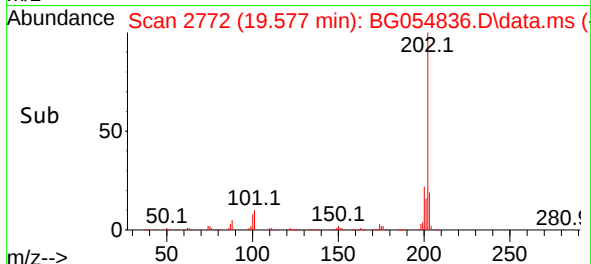
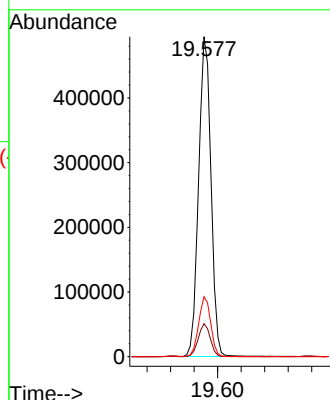
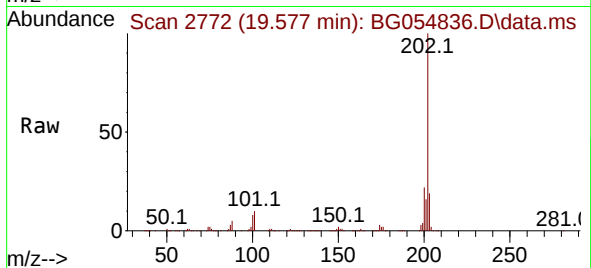
Tgt Ion:202 Resp: 718353

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 18.7 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.827 min Scan# 3155

Delta R.T. 0.002 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

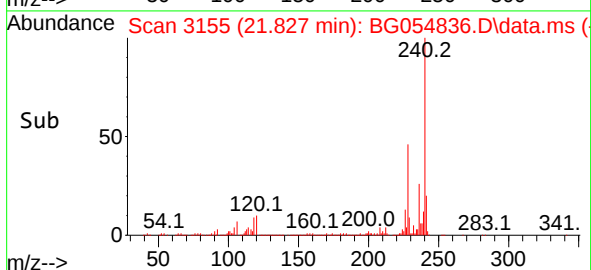
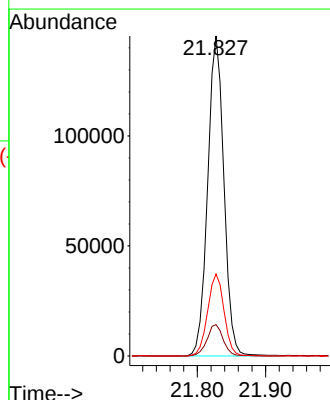
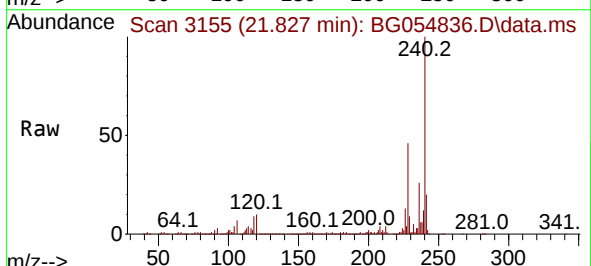
Tgt Ion:240 Resp: 240146

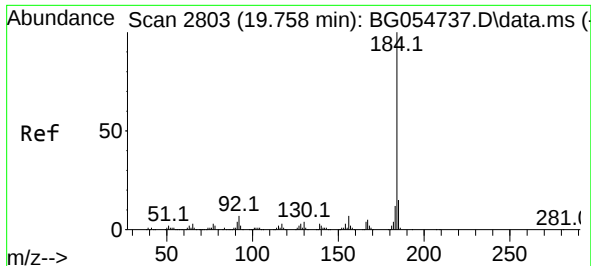
Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.4

236 25.6 21.2 31.8

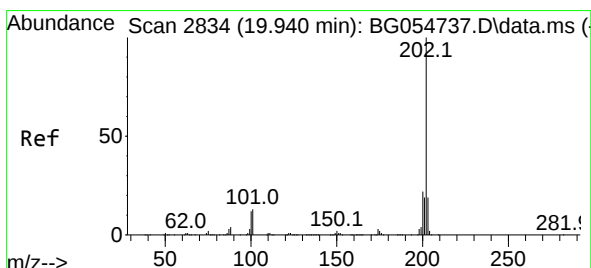
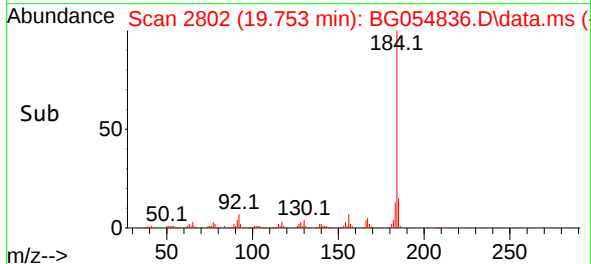
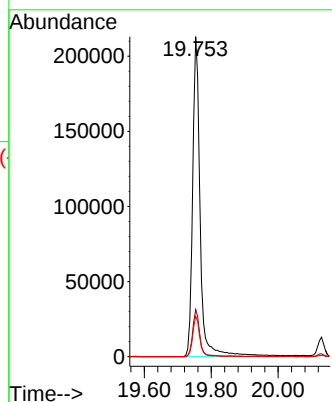
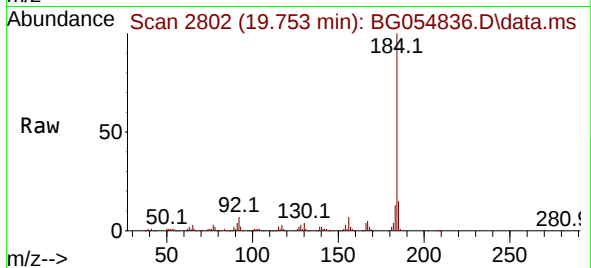




#77
Benzidine
Concen: 56.117 ng
RT: 19.753 min Scan# 2802
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

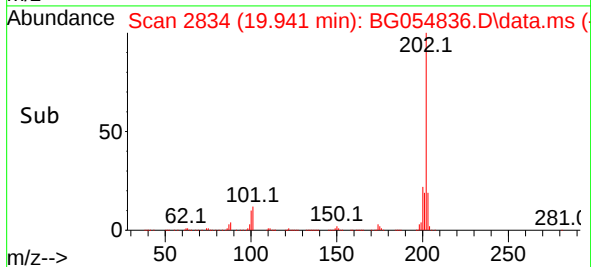
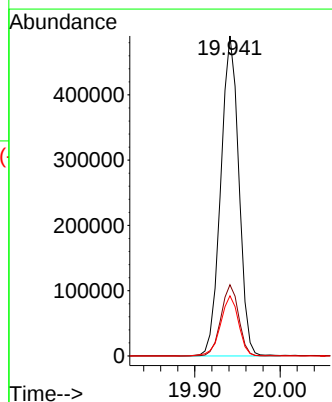
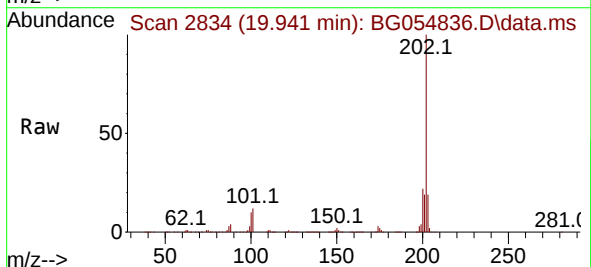
Instrument :
BNA_G
ClientSampleId :
PB147356BS

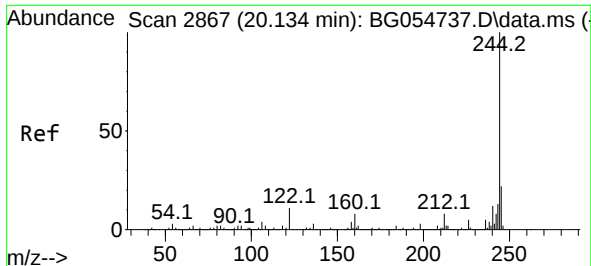
Tgt Ion:184 Resp: 333789
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 12.6 9.8 14.8



#78
Pyrene
Concen: 43.196 ng
RT: 19.941 min Scan# 2834
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:202 Resp: 723320
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.8 14.6 21.8

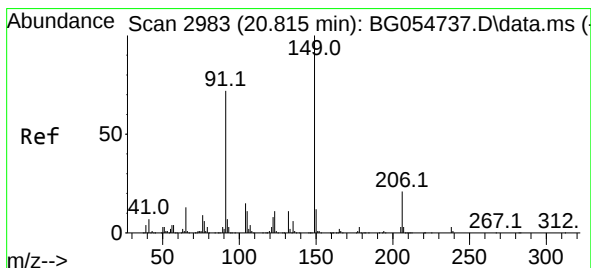
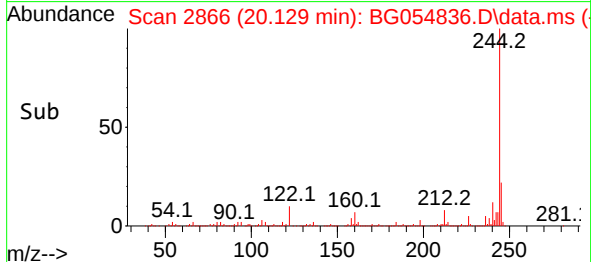
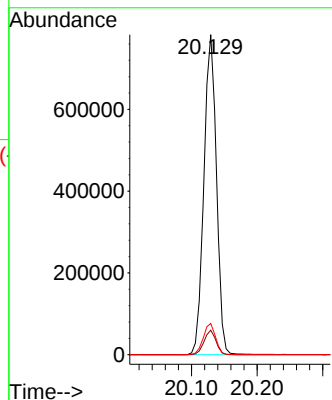
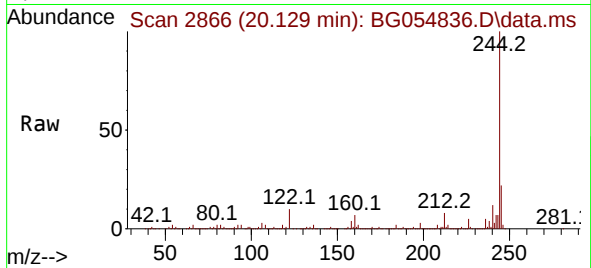




#79
 Terphenyl-d14
 Concen: 86.216 ng
 RT: 20.129 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

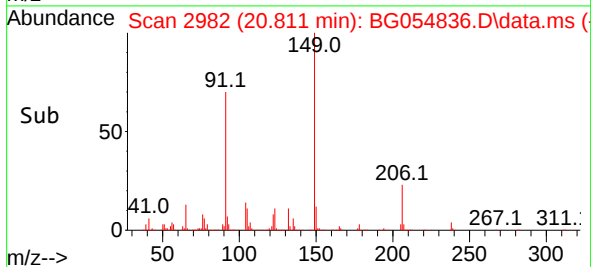
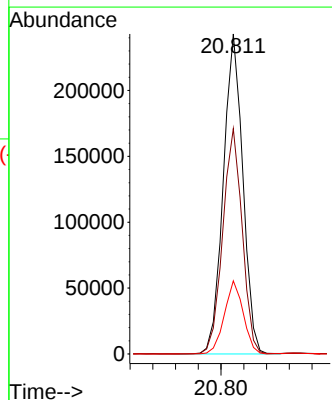
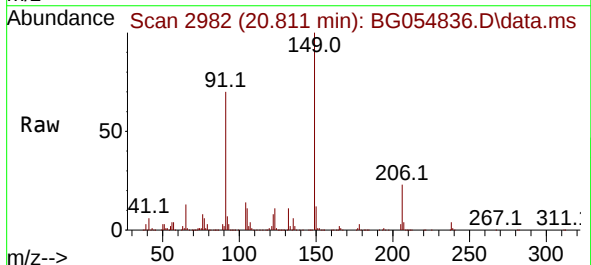
Instrument :
 BNA_G
 ClientSampleId :
 PB147356BS

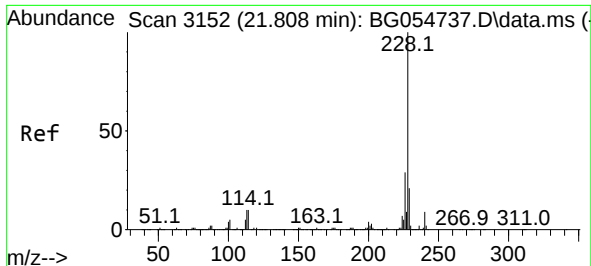
Tgt Ion:244 Resp: 1044941
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.8 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 41.484 ng
 RT: 20.811 min Scan# 2982
 Delta R.T. -0.004 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

Tgt Ion:149 Resp: 289756
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.5 89.3
 206 22.8 16.6 25.0

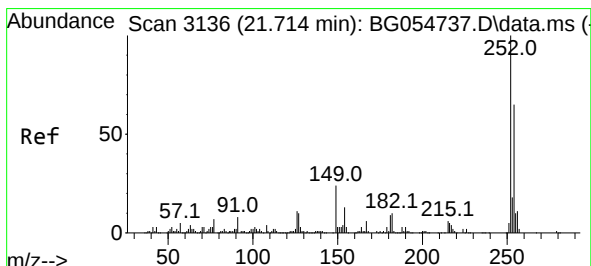
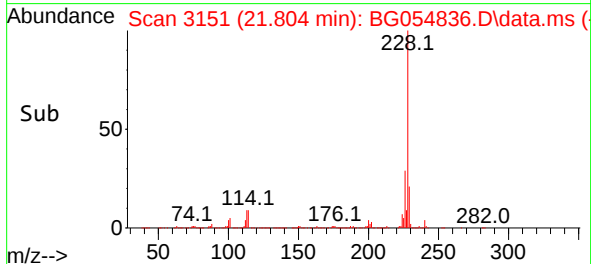
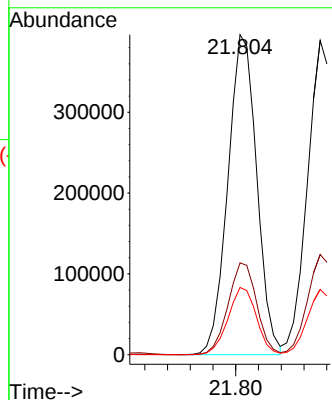
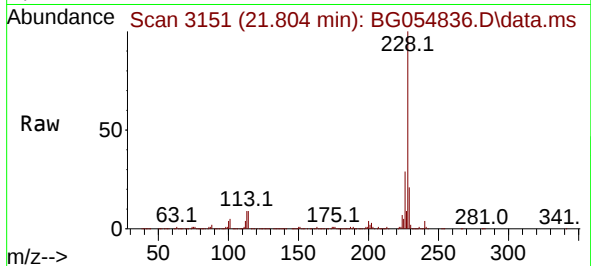




#81
Benzo(a)anthracene
Concen: 42.919 ng
RT: 21.804 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

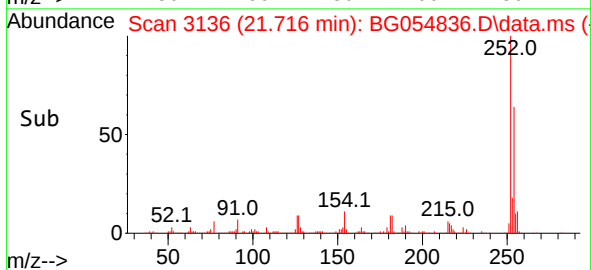
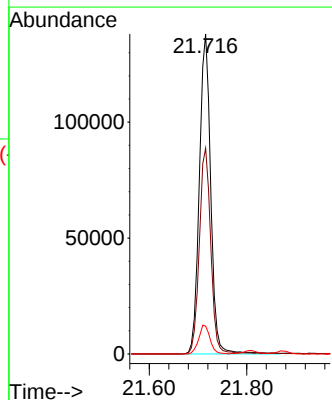
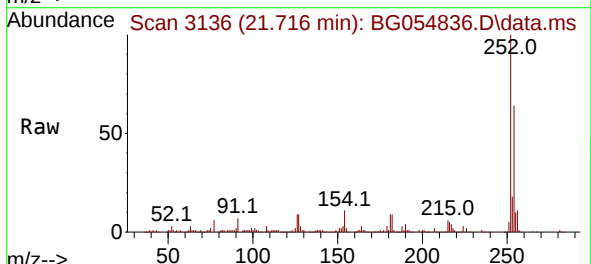
Instrument :
BNA_G
ClientSampleId :
PB147356BS

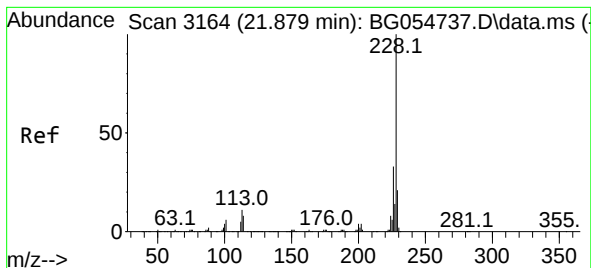
Tgt Ion:228 Resp: 698824
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 21.0 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 39.350 ng
RT: 21.716 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:252 Resp: 224640
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 8.7 8.2 12.2





#83

Chrysene

Concen: 42.337 ng

RT: 21.874 min Scan# 3163

Delta R.T. -0.004 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

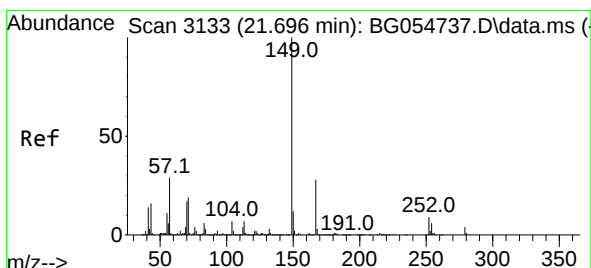
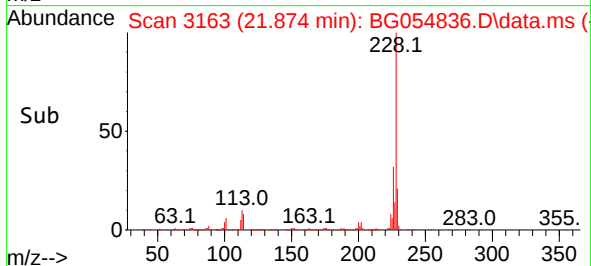
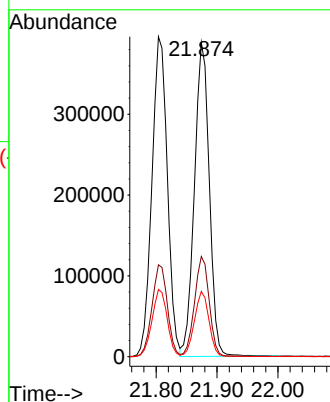
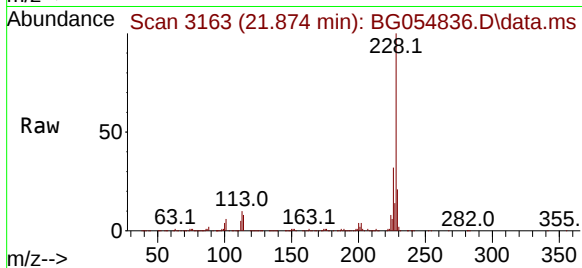
Tgt Ion:228 Resp: 659127

Ion Ratio Lower Upper

228 100

226 31.8 25.5 38.3

229 20.8 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.893 ng

RT: 21.686 min Scan# 3131

Delta R.T. -0.010 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

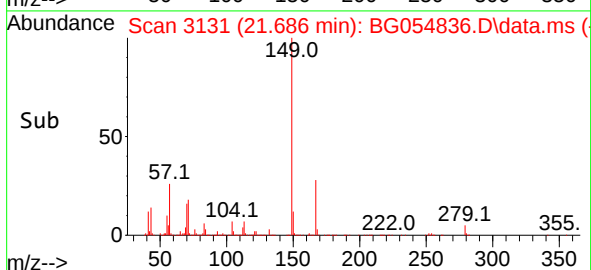
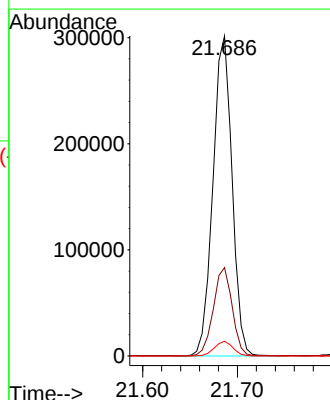
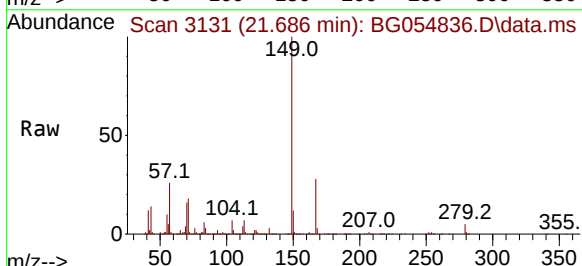
Tgt Ion:149 Resp: 421580

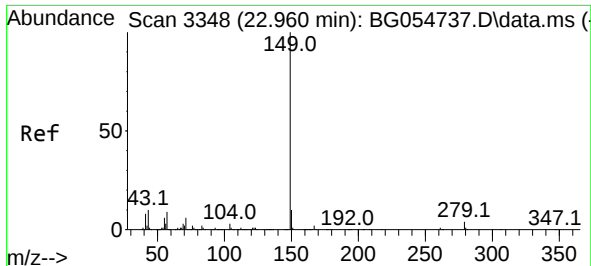
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.6 3.1 4.7

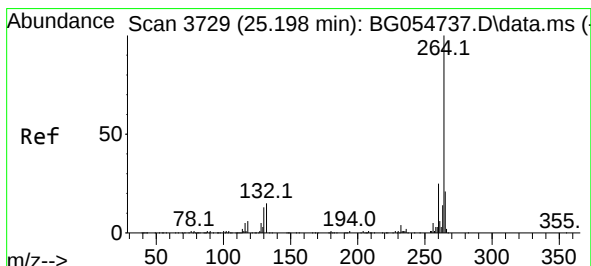
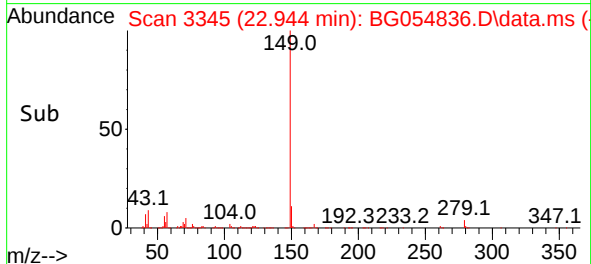
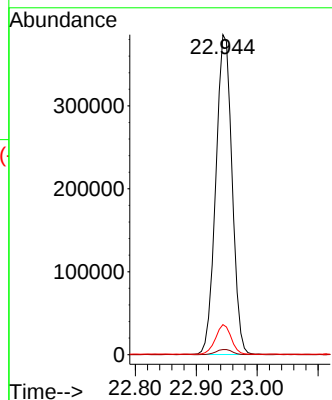
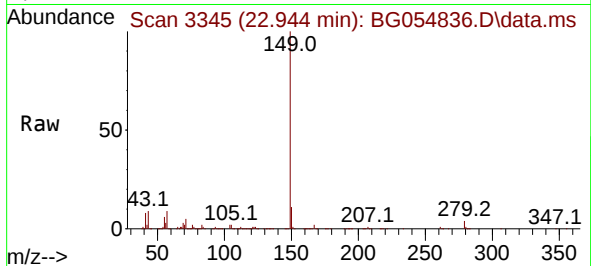




#85
Di-n-octyl phthalate
Concen: 41.841 ng
RT: 22.944 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

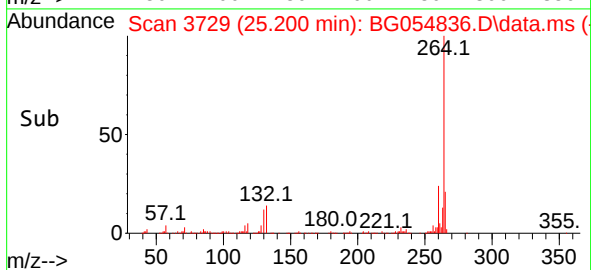
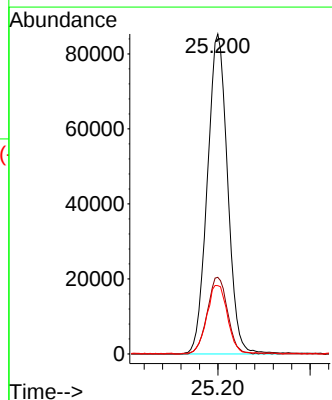
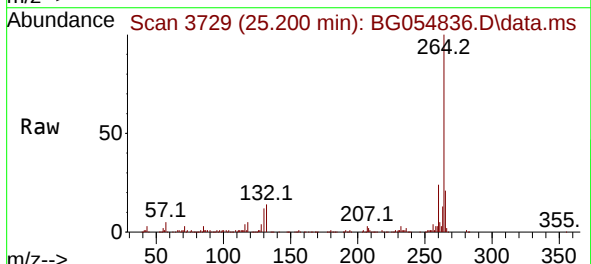
Instrument :
BNA_G
ClientSampleId :
PB147356BS

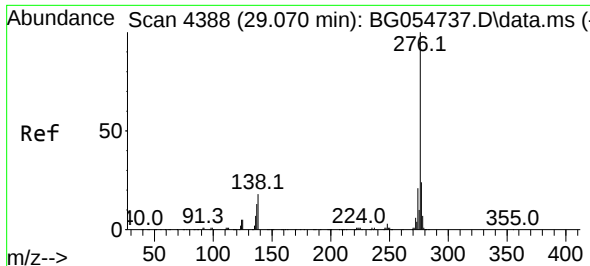
Tgt Ion:149 Resp: 714054
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.9 9.0 13.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.200 min Scan# 3729
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:264 Resp: 259801
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.4 16.9 25.3

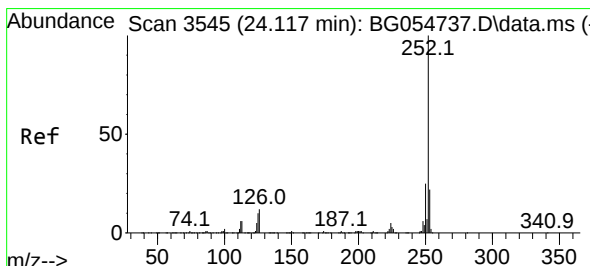
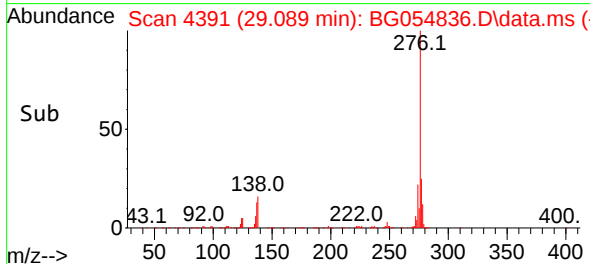
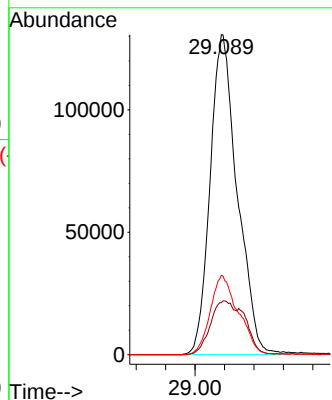
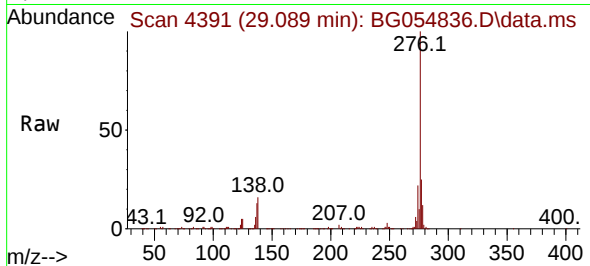




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.419 ng
 RT: 29.089 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

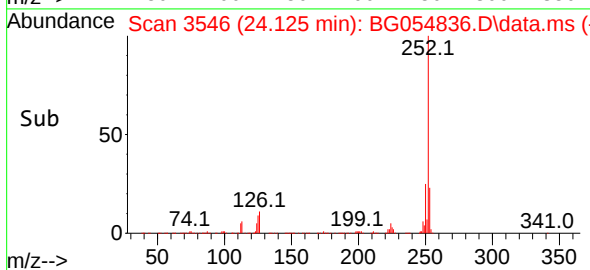
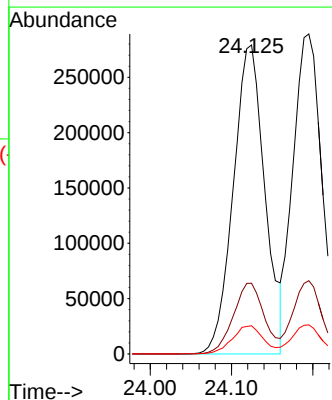
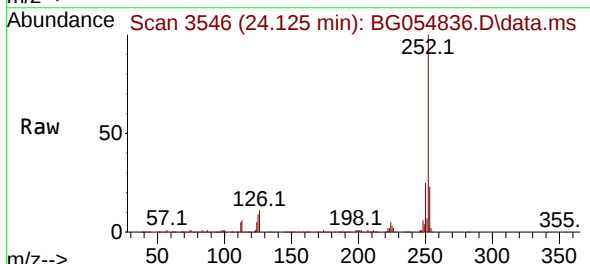
Instrument :
 BNA_G
 ClientSampleId :
 PB147356BS

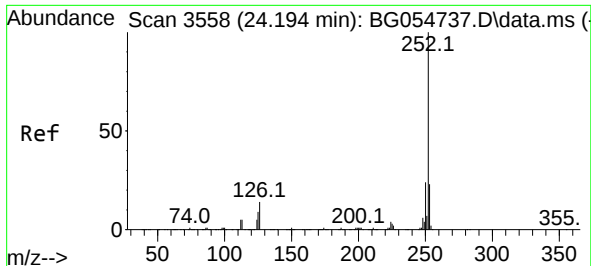
Tgt Ion:276 Resp: 836640
 Ion Ratio Lower Upper
 276 100
 138 15.1 12.0 18.0
 277 25.7 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 46.161 ng
 RT: 24.125 min Scan# 3546
 Delta R.T. 0.007 min
 Lab File: BG054836.D
 Acq: 2 Sep 2022 12:02

Tgt Ion:252 Resp: 752306
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 9.1 8.1 12.1

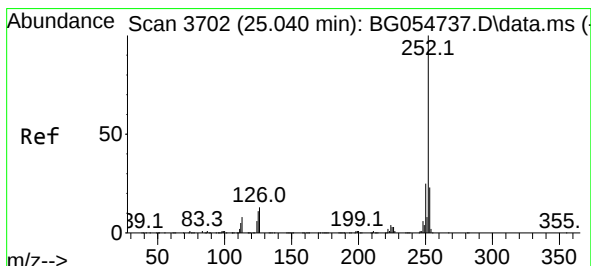
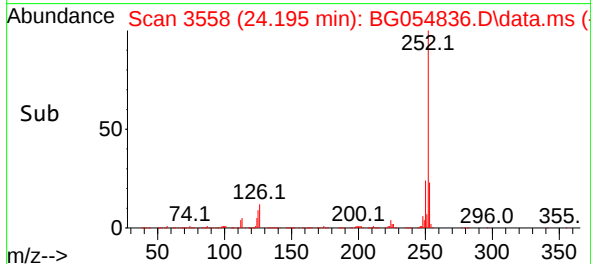
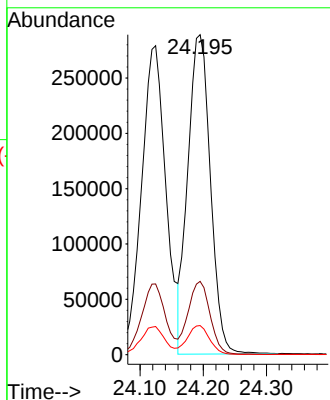
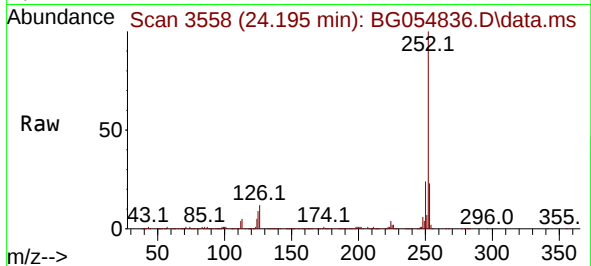




#89
Benzo(k)fluoranthene
Concen: 43.659 ng
RT: 24.195 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

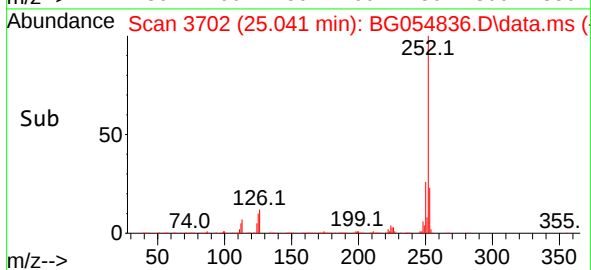
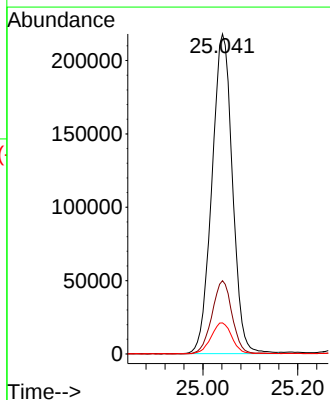
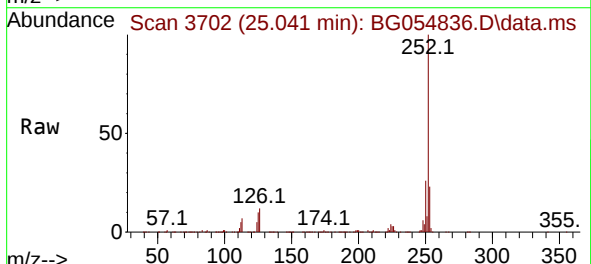
Instrument :
BNA_G
ClientSampleId :
PB147356BS

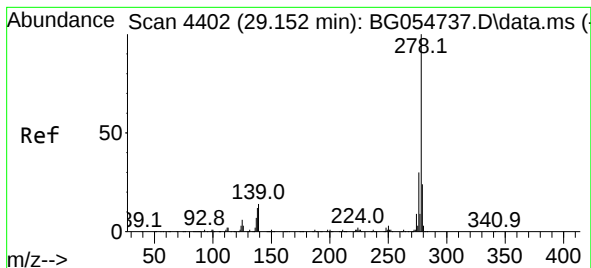
Tgt Ion:252 Resp: 716094
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.055 ng
RT: 25.041 min Scan# 3702
Delta R.T. 0.002 min
Lab File: BG054836.D
Acq: 2 Sep 2022 12:02

Tgt Ion:252 Resp: 655189
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 9.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.407 ng

RT: 29.160 min Scan# 4402

Delta R.T. 0.007 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Instrument :

BNA_G

ClientSampleId :

PB147356BS

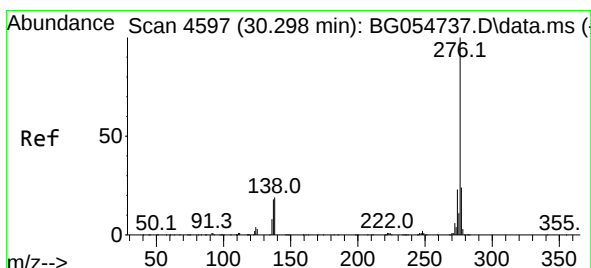
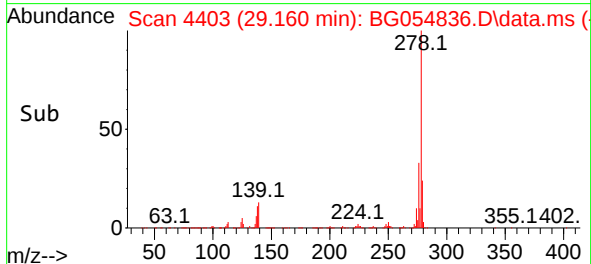
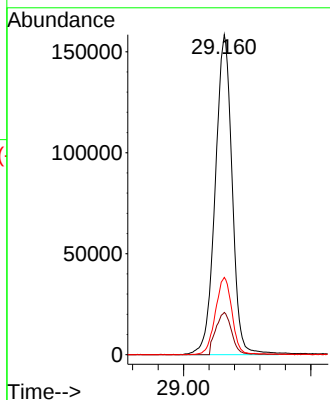
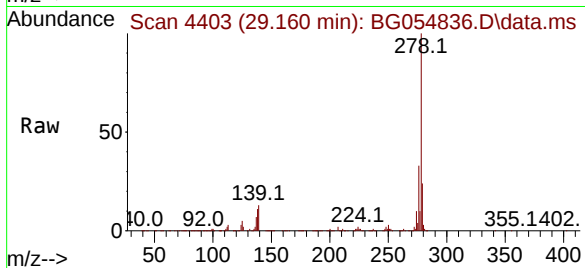
Tgt Ion:278 Resp: 729619

Ion Ratio Lower Upper

278 100

139 13.2 11.4 17.2

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.956 ng

RT: 30.311 min Scan# 4599

Delta R.T. 0.013 min

Lab File: BG054836.D

Acq: 2 Sep 2022 12:02

Tgt Ion:276 Resp: 729764

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 18.3 16.6 25.0

