

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054751.D
 Acq On : 26 Aug 2022 11:18
 Operator : CG/JU
 Sample : PB147143BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147143BS

Quant Time: Aug 27 02:08:20 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	8.147	152	51663	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	212835	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	138627	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	316206	20.000	ng	0.00
76) Chrysene-d12	21.825	240	297355	20.000	ng	0.00
86) Perylene-d12	25.192	264	318525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	443228	149.395	ng	0.00
7) Phenol-d6	7.295	99	573937	141.455	ng	0.00
23) Nitrobenzene-d5	9.322	82	348137	85.869	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	236945	136.786	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	780011	84.570	ng	0.00
79) Terphenyl-d14	20.133	244	1329670	88.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	51718	36.506	ng	96
3) Pyridine	3.940	79	140726	35.614	ng	98
4) n-Nitrosodimethylamine	3.852	42	77706	45.492	ng	97
6) Aniline	7.466	93	232041	48.134	ng	99
8) 2-Chlorophenol	7.712	128	166564	51.386	ng	99
9) Benzaldehyde	7.283	77	96875	36.429	ng	99
10) Phenol	7.325	94	204627	49.041	ng	97
11) bis(2-Chloroethyl)ether	7.560	93	160087	47.705	ng	98
12) 1,3-Dichlorobenzene	8.035	146	177655	47.361	ng	98
13) 1,4-Dichlorobenzene	8.188	146	178844	47.268	ng	97
14) 1,2-Dichlorobenzene	8.505	146	175681	48.967	ng	99
15) Benzyl Alcohol	8.388	79	144509	49.300	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.676	45	243668	46.404	ng	99
17) 2-Methylphenol	8.588	107	140878	49.038	ng	99
18) Hexachloroethane	9.246	117	65033	47.399	ng	98
19) n-Nitroso-di-n-propyla...	8.958	70	127121	45.561	ng	99
20) 3+4-Methylphenols	8.917	107	188466	47.309	ng	97
22) Acetophenone	8.981	105	242677	45.576	ng	# 98
24) Nitrobenzene	9.369	77	181774	44.482	ng	97
25) Isophorone	9.886	82	347509	45.970	ng	100
26) 2-Nitrophenol	10.080	139	84908	47.038	ng	95
27) 2,4-Dimethylphenol	10.127	122	152013	53.151	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	209615	48.662	ng	98
29) 2,4-Dichlorophenol	10.615	162	153079	47.057	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	164355	44.211	ng	99
31) Naphthalene	11.026	128	499507	43.743	ng	99
32) Benzoic acid	10.268	122	72346	37.475	ng	93
33) 4-Chloroaniline	11.132	127	183189	39.350	ng	99
34) Hexachlorobutadiene	11.302	225	105052	44.106	ng	99
35) Caprolactam	11.902	113	29494	25.699	ng	97
36) 4-Chloro-3-methylphenol	12.236	107	167490	47.083	ng	94
37) 2-Methylnaphthalene	12.624	142	348770	43.577	ng	99
38) 1-Methylnaphthalene	12.842	142	331072	42.517	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	185366	44.358	ng	99
41) Hexachlorocyclopentadiene	12.965	237	257873	116.360	ng	99
43) 2,4,6-Trichlorophenol	13.218	196	126533	45.619	ng	98

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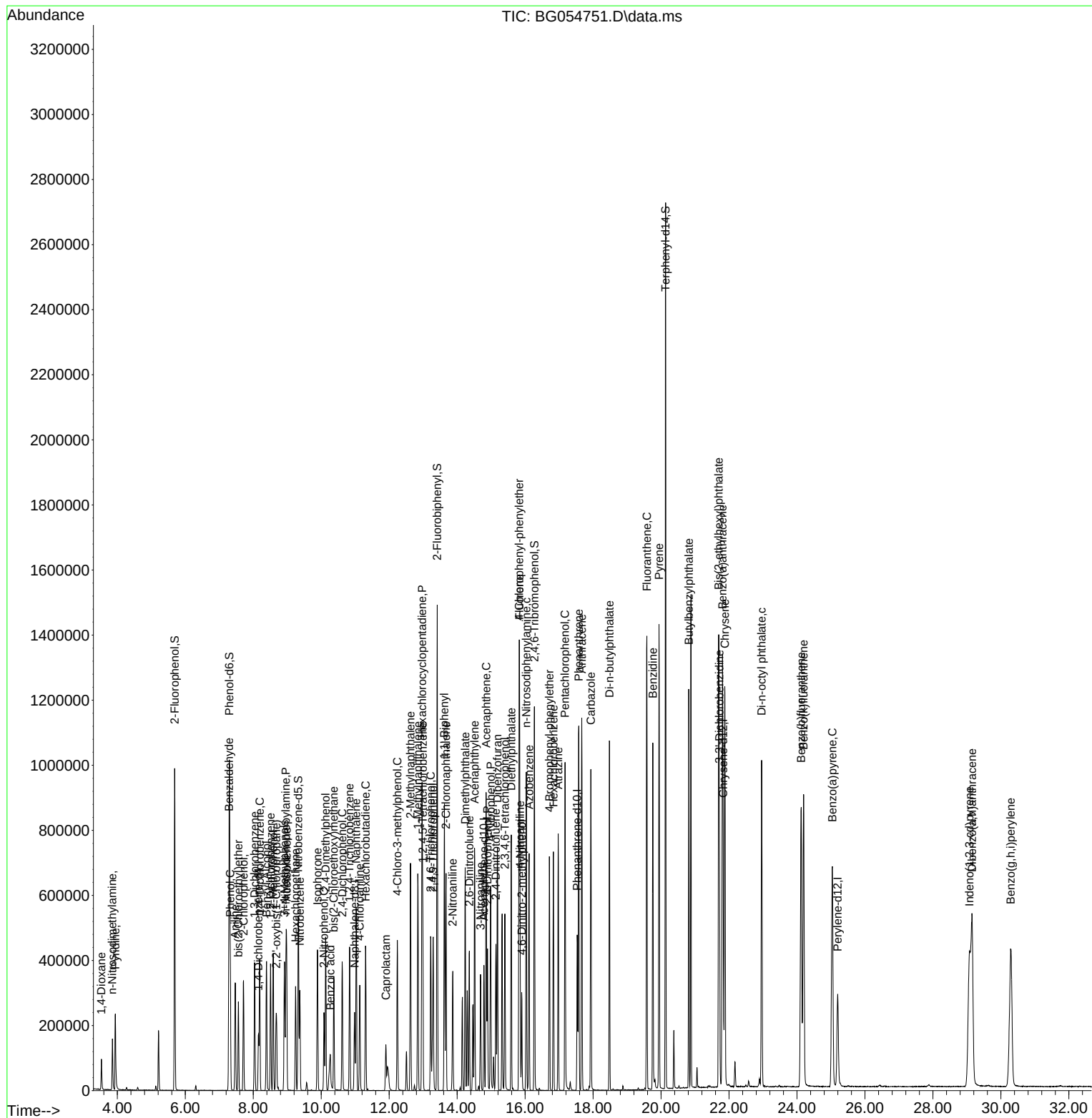
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	138987	44.619	ng	98
46) 1,1'-Biphenyl	13.623	154	461333	44.814	ng	100
47) 2-Chloronaphthalene	13.670	162	341086	43.627	ng	98
48) 2-Nitroaniline	13.870	65	111455	45.488	ng	96
49) Acenaphthylene	14.510	152	568347	44.053	ng	99
50) Dimethylphthalate	14.234	163	465596	43.595	ng	98
51) 2,6-Dinitrotoluene	14.357	165	100355	45.940	ng	89
52) Acenaphthene	14.851	154	349615	42.187	ng	99
53) 3-Nitroaniline	14.686	138	97933	40.048	ng	94
54) 2,4-Dinitrophenol	14.892	184	106022	85.497	ng	92
55) Dibenzofuran	15.186	168	530153	43.535	ng	100
56) 4-Nitrophenol	14.986	139	186060	98.319	ng	95
57) 2,4-Dinitrotoluene	15.139	165	141476	46.823	ng	92
58) Fluorene	15.832	166	444929	43.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	122300	43.555	ng	97
60) Diethylphthalate	15.591	149	465271	43.628	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	227893	45.031	ng	99
62) 4-Nitroaniline	15.850	138	112456	45.042	ng	97
63) Azobenzene	16.114	77	436286	43.046	ng	97
65) 4,6-Dinitro-2-methylph...	15.903	198	72128	44.812	ng	99
66) n-Nitrosodiphenylamine	16.032	169	404876	44.400	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	156896	45.193	ng	99
68) Hexachlorobenzene	16.831	284	174499	44.712	ng	98
69) Atrazine	16.972	200	151461	47.081	ng	100
70) Pentachlorophenol	17.172	266	201215	94.890	ng	98
71) Phenanthrene	17.577	178	724024	42.983	ng	99
72) Anthracene	17.665	178	736804	44.991	ng	100
73) Carbazole	17.936	167	693623	45.970	ng	99
74) Di-n-butylphthalate	18.482	149	839896	43.989	ng	99
75) Fluoranthene	19.581	202	906799	44.253	ng	99
77) Benzidine	19.757	184	671279	91.143	ng	99
78) Pyrene	19.939	202	906467	43.718	ng	99
80) Butylbenzylphthalate	20.815	149	374454	43.296	ng	99
81) Benzo(a)anthracene	21.808	228	884355	43.864	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	302451	42.787	ng	99
83) Chrysene	21.878	228	826203	42.859	ng	99
84) Bis(2-ethylhexyl)phtha...	21.696	149	551742	44.279	ng	98
85) Di-n-octyl phthalate	22.959	149	934432	44.220	ng	96
87) Indeno(1,2,3-cd)pyrene	29.075	276	1056271	43.681	ng	99
88) Benzo(b)fluoranthene	24.122	252	953683	47.729	ng	99
89) Benzo(k)fluoranthene	24.193	252	906127	45.060	ng	99
90) Benzo(a)pyrene	25.039	252	828791	48.549	ng	99
91) Dibenzo(a,h)anthracene	29.152	278	908230	46.102	ng	99
92) Benzo(g,h,i)perylene	30.286	276	903500	45.397	ng	99

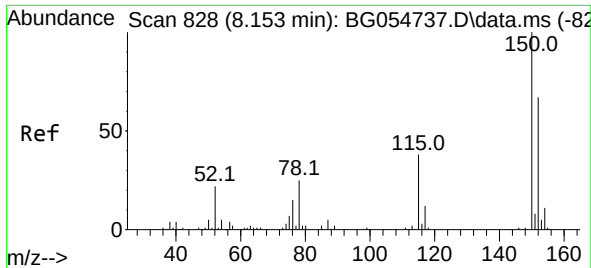
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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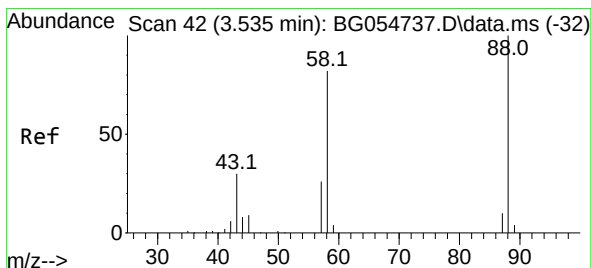
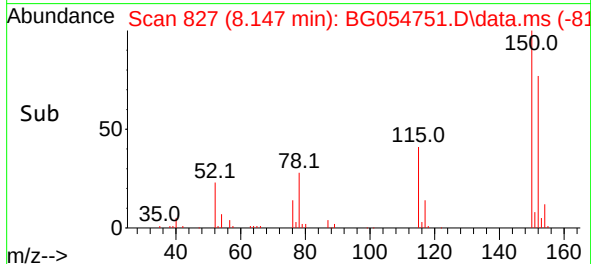
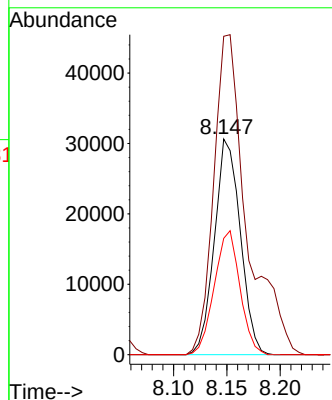
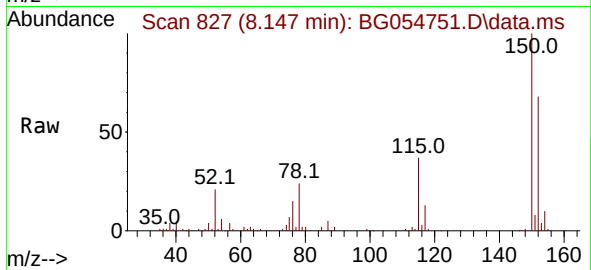




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054751.D
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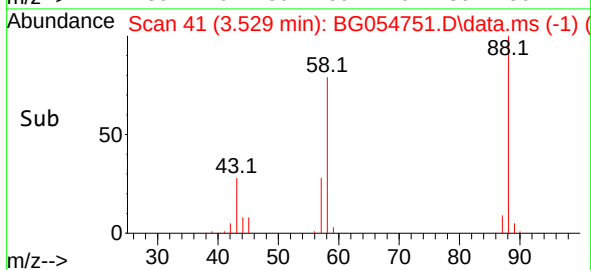
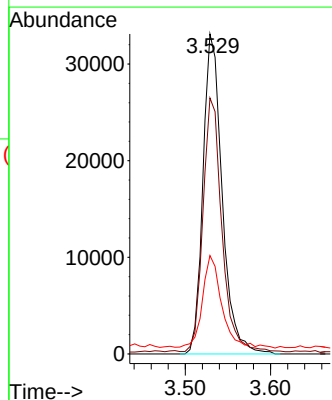
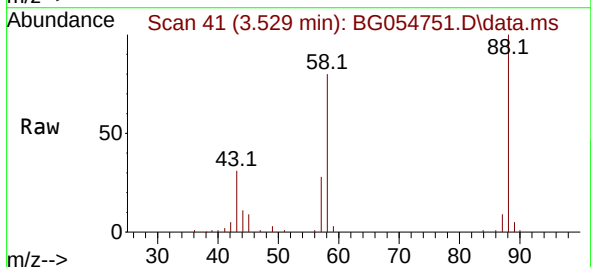
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BNA_G
ClientSampleId :
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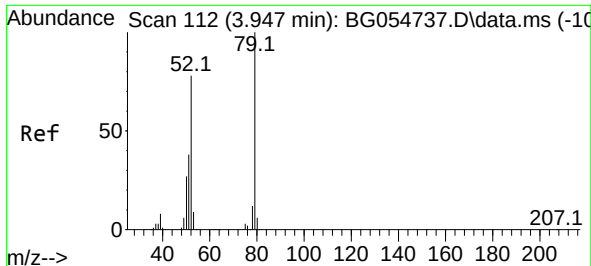
Tgt Ion:152 Resp: 51663
Ion Ratio Lower Upper
152 100
150 147.6 125.2 187.8
115 53.9 47.9 71.9



#2
1,4-Dioxane
Concen: 36.506 ng
RT: 3.529 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 88 Resp: 51718
Ion Ratio Lower Upper
88 100
58 77.8 65.9 98.9
43 29.4 22.7 34.1

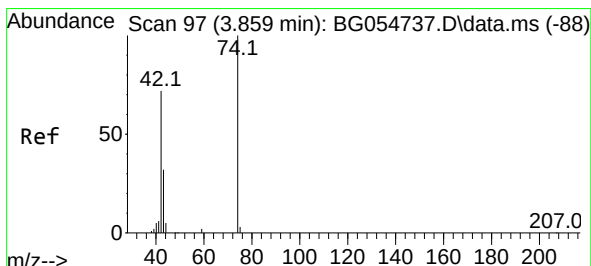
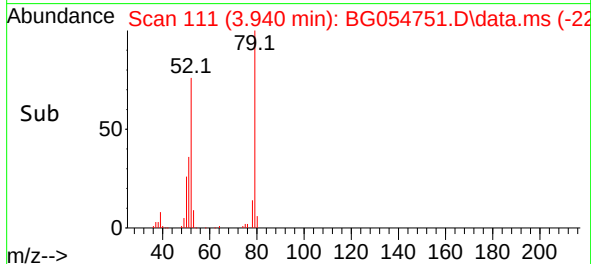
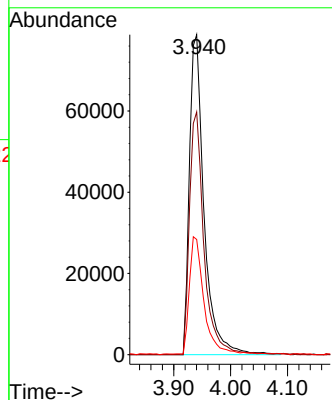
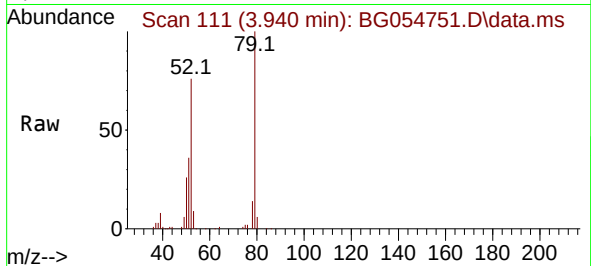




#3
Pyridine
Concen: 35.614 ng
RT: 3.940 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

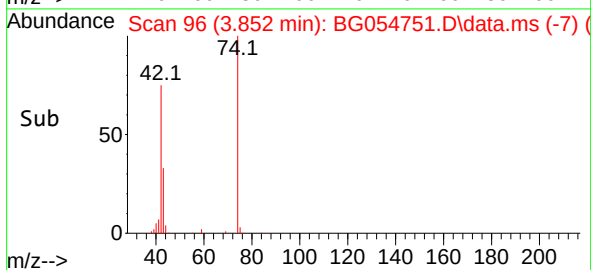
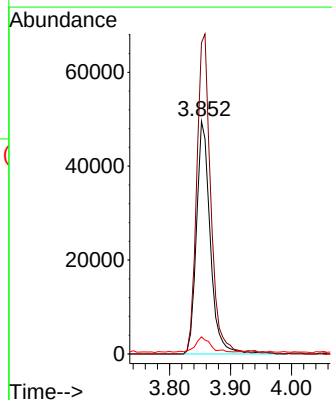
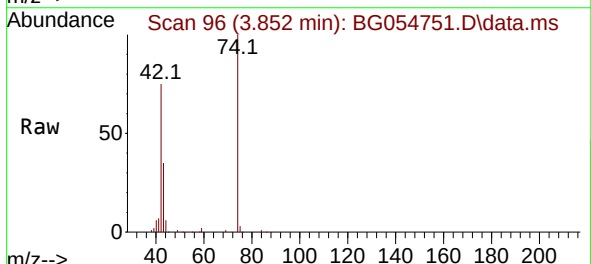
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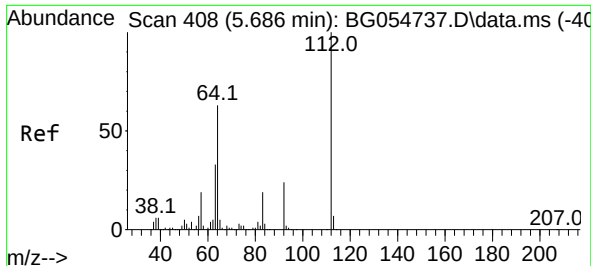
Tgt Ion: 79 Resp: 140726
Ion Ratio Lower Upper
79 100
52 75.9 61.4 92.0
51 36.0 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 45.492 ng
RT: 3.852 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 42 Resp: 77706
Ion Ratio Lower Upper
42 100
74 133.7 109.6 164.4
44 7.4 5.5 8.3

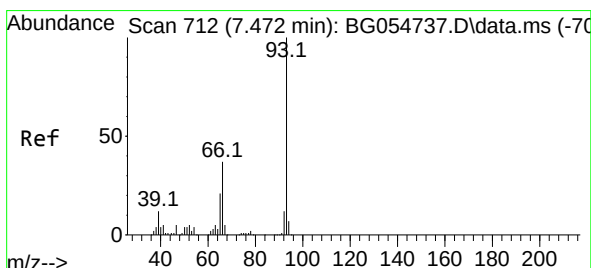
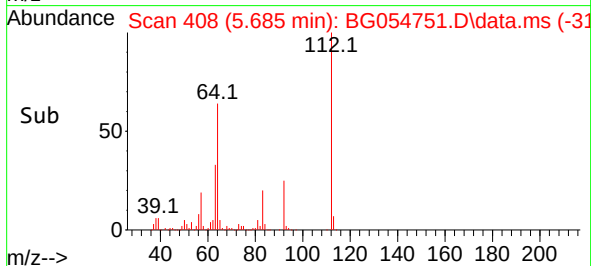
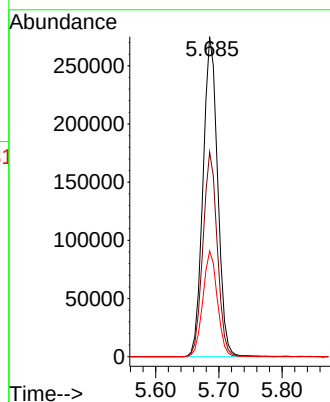
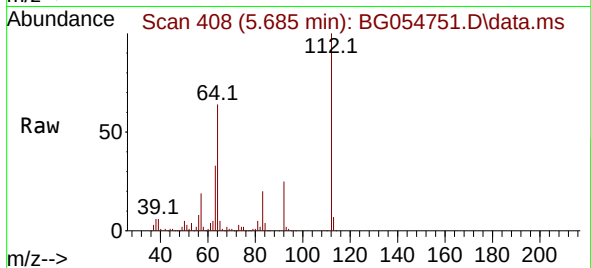




#5
2-Fluorophenol
Concen: 149.395 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

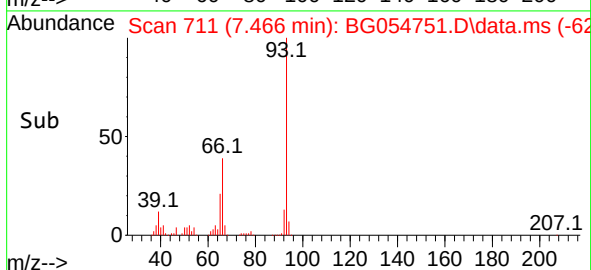
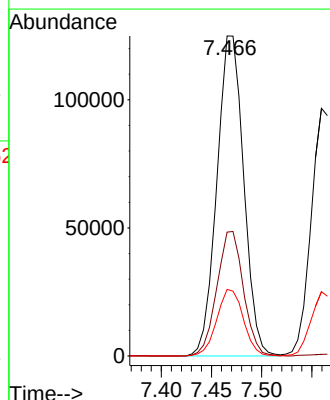
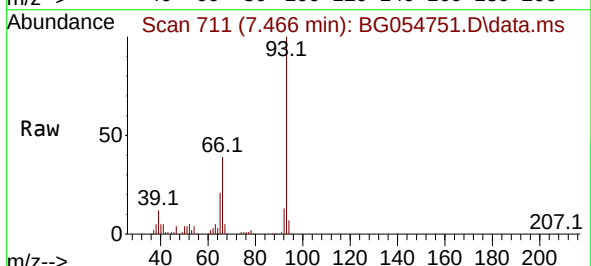
Instrument :
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ClientSampleId :
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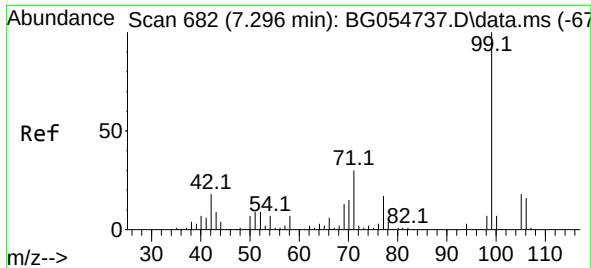
Tgt Ion:112 Resp: 443228
Ion Ratio Lower Upper
112 100
64 64.0 49.3 73.9
63 33.0 26.3 39.5



#6
Aniline
Concen: 48.134 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054751.D
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Tgt Ion: 93 Resp: 232041
Ion Ratio Lower Upper
93 100
66 38.7 31.8 47.8
65 20.8 16.6 25.0

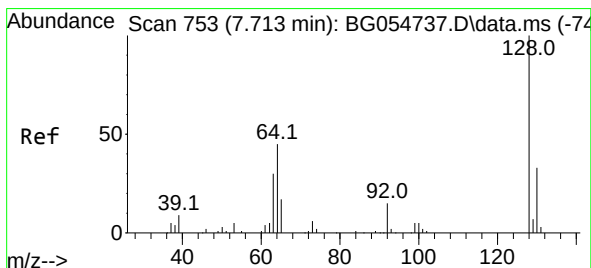
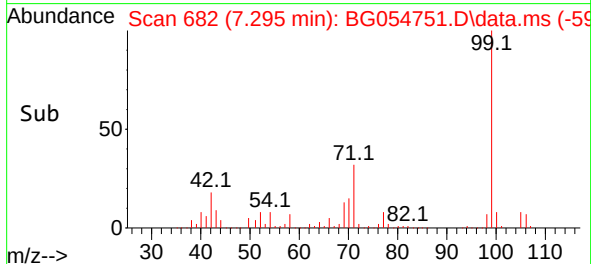
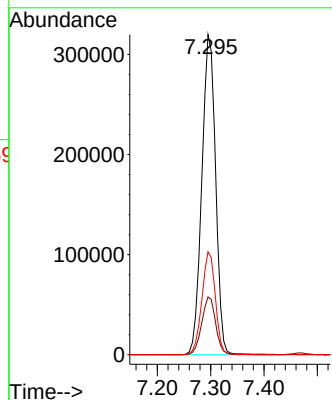
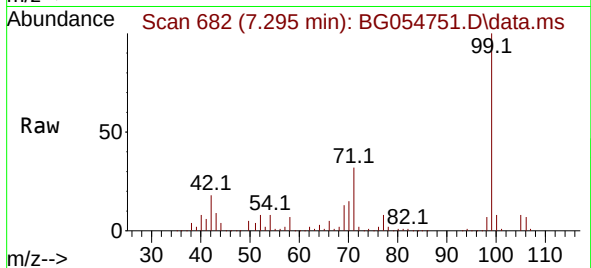




#7
Phenol-d6
Concen: 141.455 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

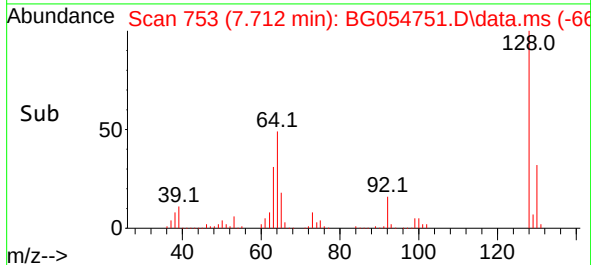
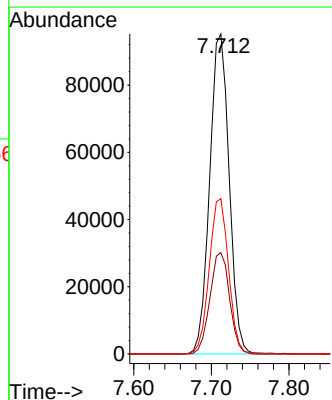
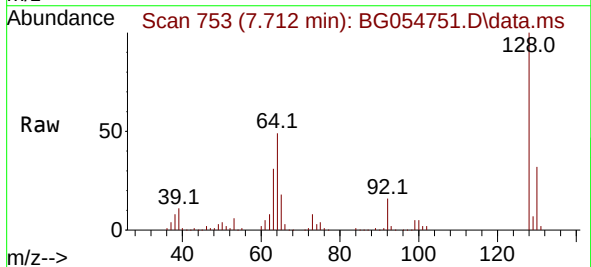
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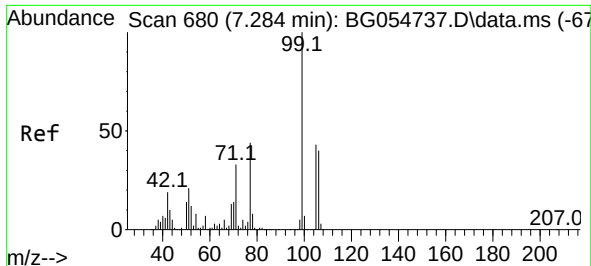
Tgt Ion: 99 Resp: 573937
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 32.2 24.6 37.0



#8
2-Chlorophenol
Concen: 51.386 ng
RT: 7.712 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG054751.D
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Tgt Ion:128 Resp: 166564
Ion Ratio Lower Upper
128 100
130 31.7 12.5 52.5
64 48.5 28.6 68.6

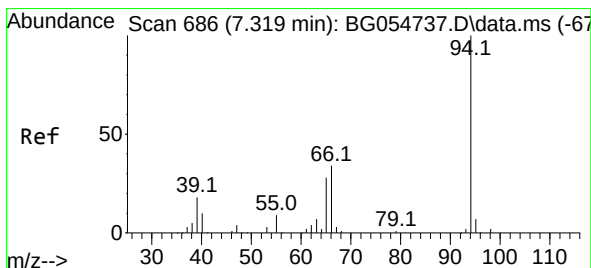
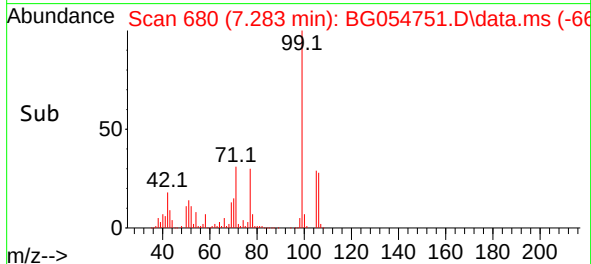
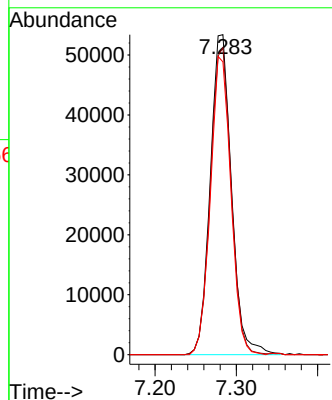
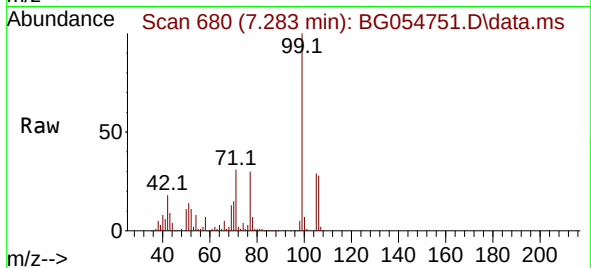




#9
Benzaldehyde
Concen: 36.429 ng
RT: 7.283 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054751.D
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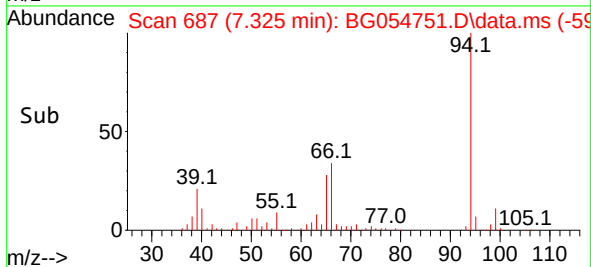
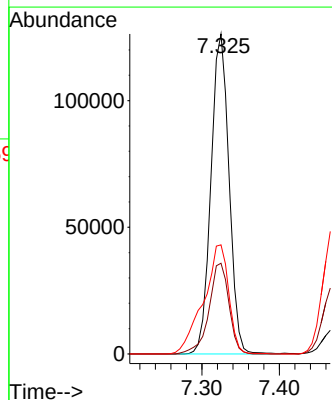
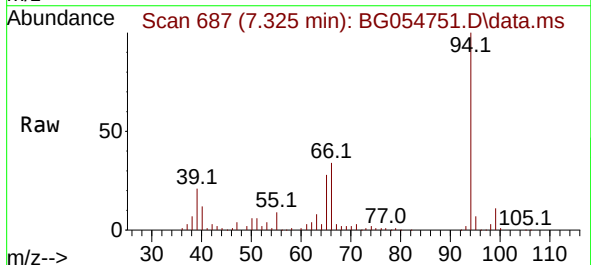
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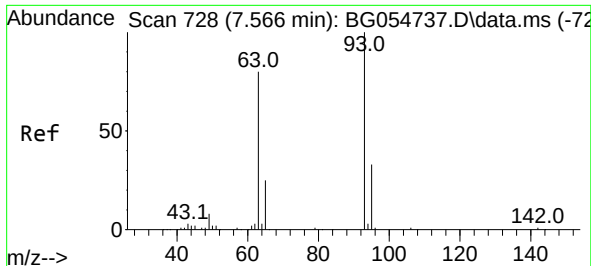
Tgt Ion: 77 Resp: 96875
Ion Ratio Lower Upper
77 100
105 95.9 75.3 115.3
106 91.5 70.2 110.2



#10
Phenol
Concen: 49.041 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.005 min
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Tgt Ion: 94 Resp: 204627
Ion Ratio Lower Upper
94 100
65 28.4 9.9 49.9
66 34.1 16.4 56.4

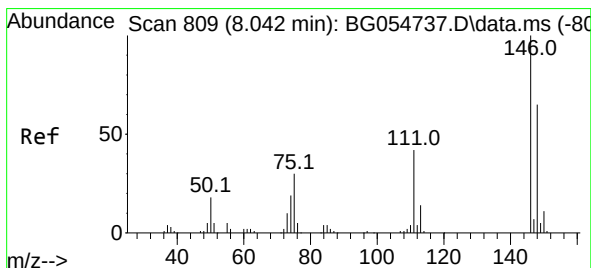
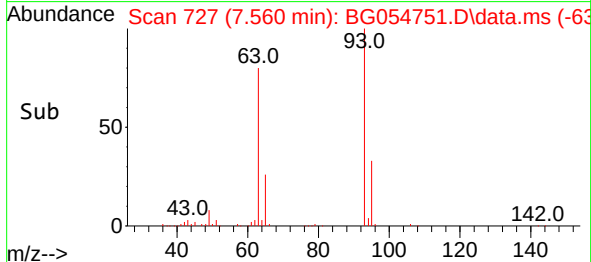
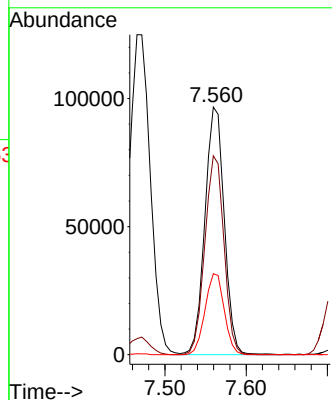
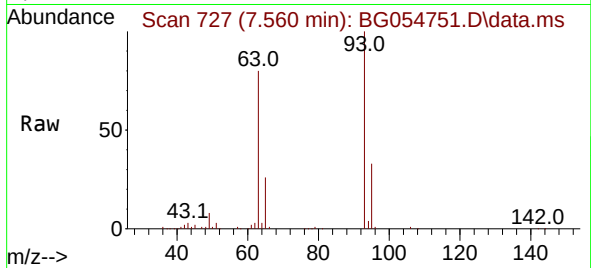




#11
bis(2-Chloroethyl)ether
Concen: 47.705 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

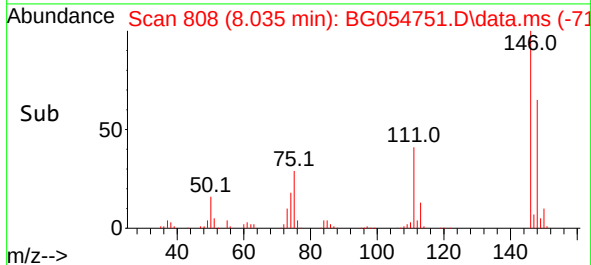
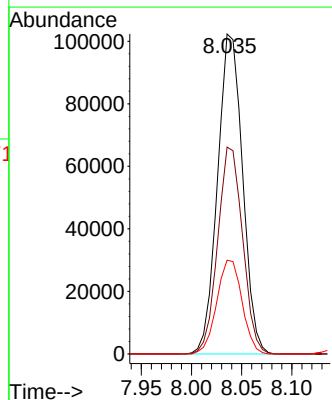
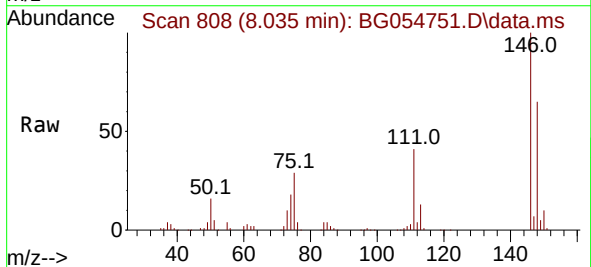
Instrument :
BNA_G
ClientSampleId :
PB147143BS

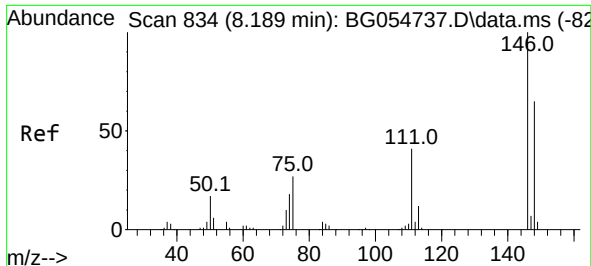
Tgt Ion: 93 Resp: 160087
Ion Ratio Lower Upper
93 100
63 80.3 62.1 102.1
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.361 ng
RT: 8.035 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 146 Resp: 177655
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 29.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 47.268 ng

RT: 8.188 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

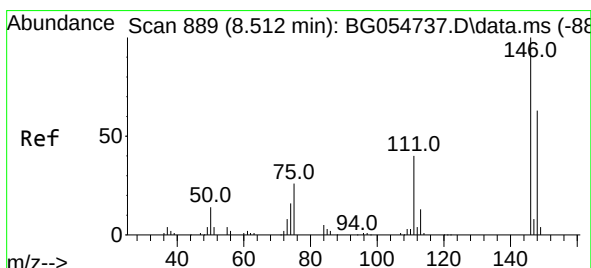
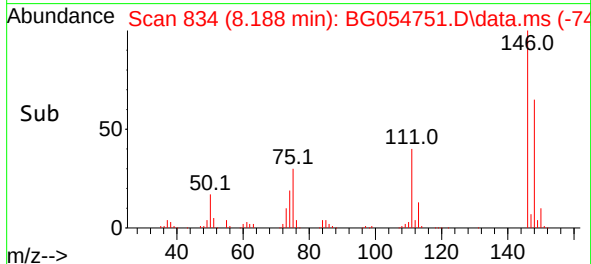
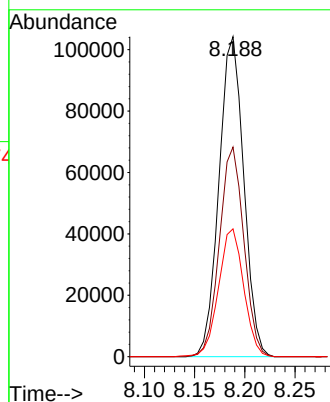
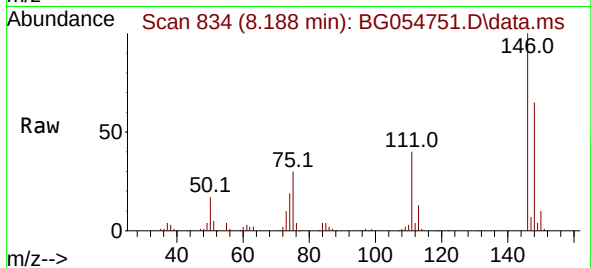
Tgt Ion:146 Resp: 178844

Ion Ratio Lower Upper

146 100

148 65.5 50.4 75.6

111 40.0 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 48.967 ng

RT: 8.505 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

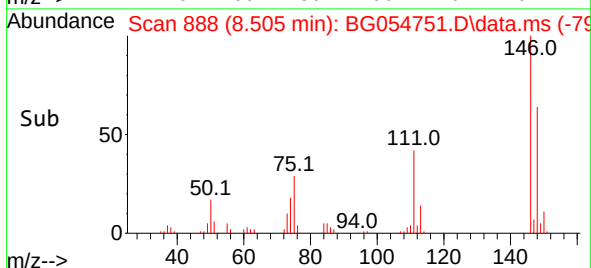
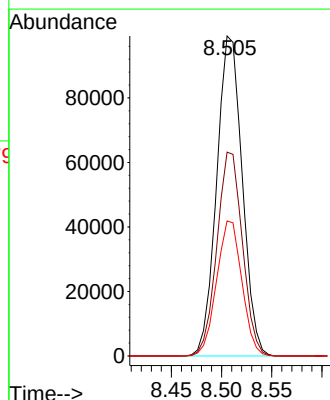
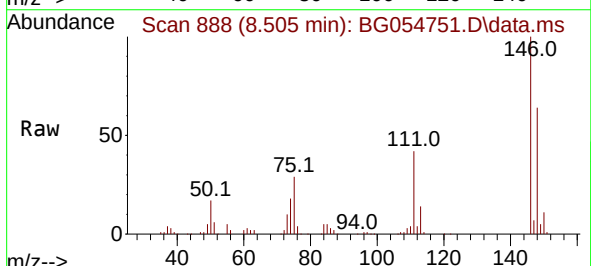
Tgt Ion:146 Resp: 175681

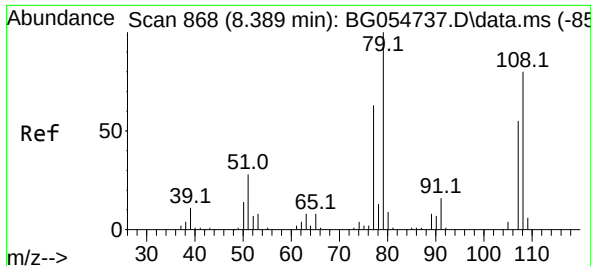
Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

111 42.2 34.3 51.5

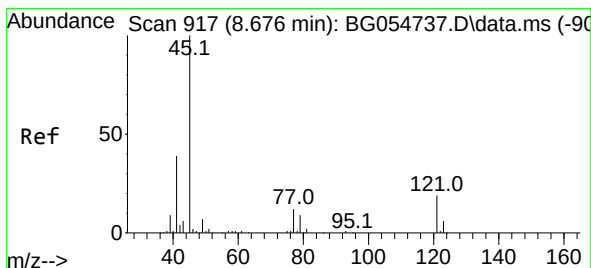
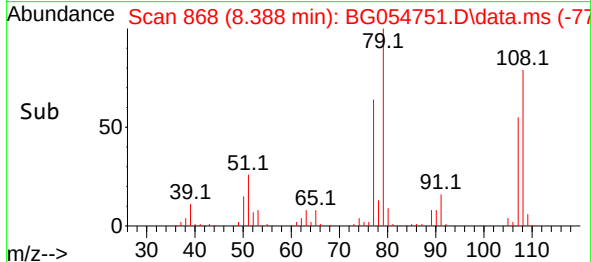
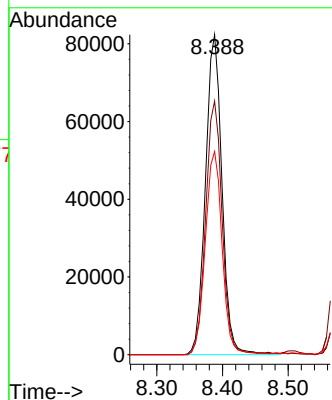
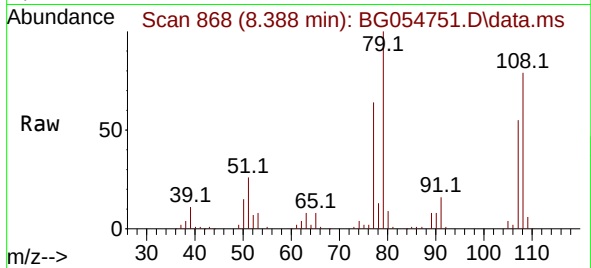




#15
Benzyl Alcohol
Concen: 49.300 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

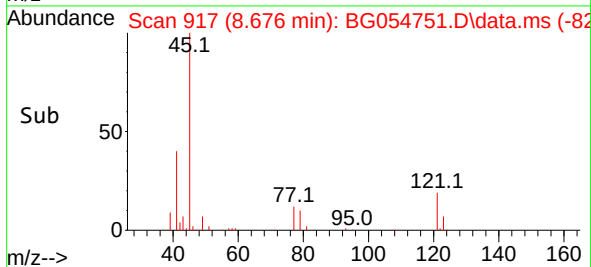
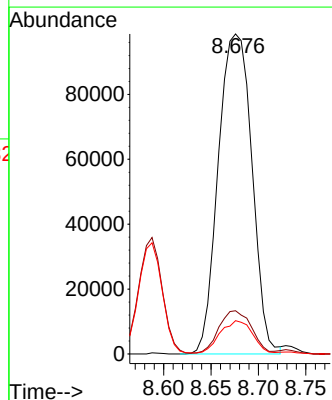
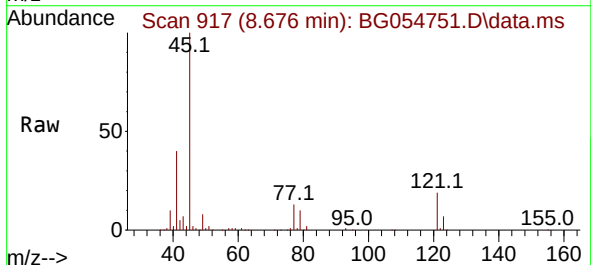
Instrument :
BNA_G
ClientSampleId :
PB147143BS

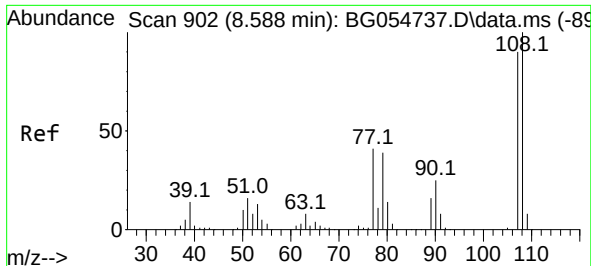
Tgt Ion: 79 Resp: 144509
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 63.5 55.0 82.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.404 ng
RT: 8.676 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 45 Resp: 243668
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.4 0.0 30.4

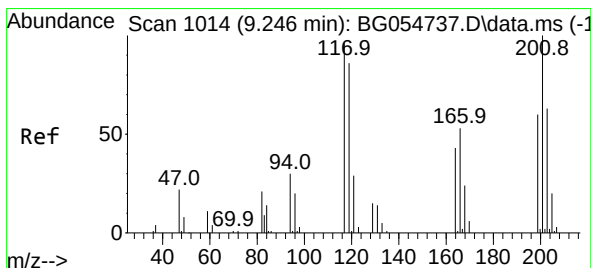
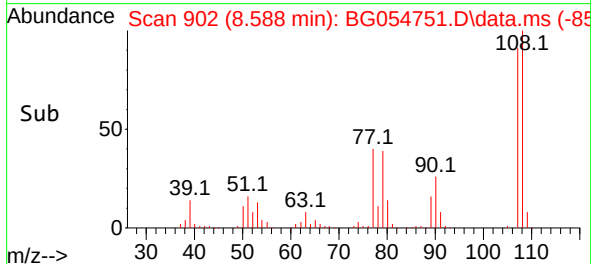
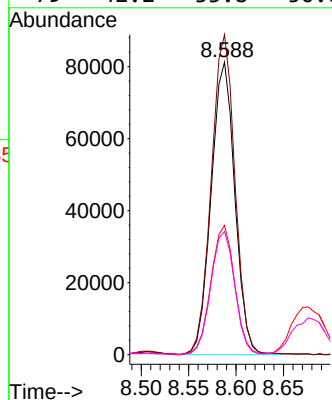
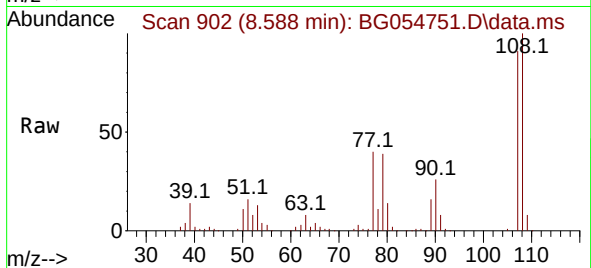




#17
2-Methylphenol
Concen: 49.038 ng
RT: 8.588 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

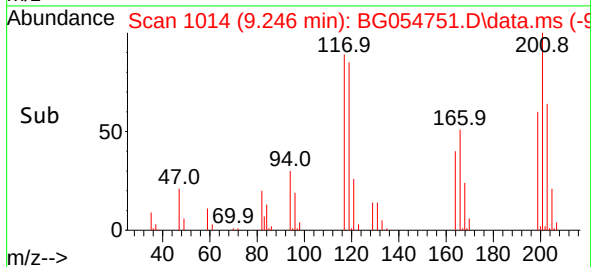
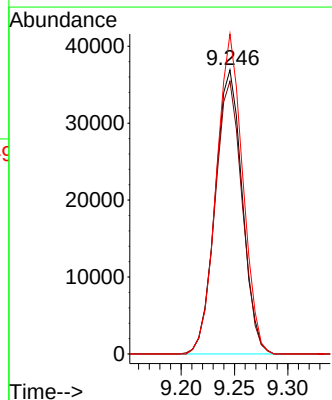
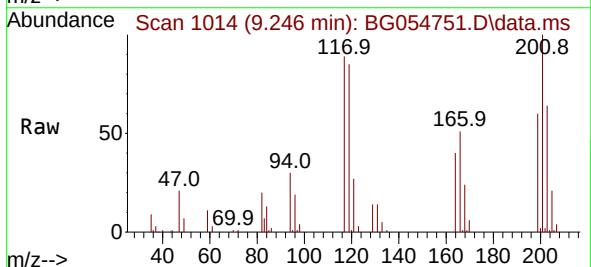
Instrument :
BNA_G
ClientSampleId :
PB147143BS

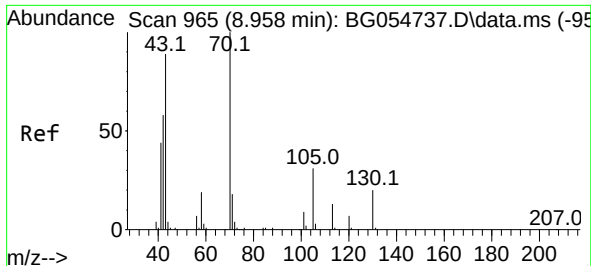
Tgt Ion:	107	Resp:	140878
Ion	Ratio	Lower	Upper
107	100		
108	109.3	85.6	128.4
77	44.2	35.8	53.8
79	42.2	33.8	50.6



#18
Hexachloroethane
Concen: 47.399 ng
RT: 9.246 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:	117	Resp:	65033
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
201	112.7	87.2	130.8



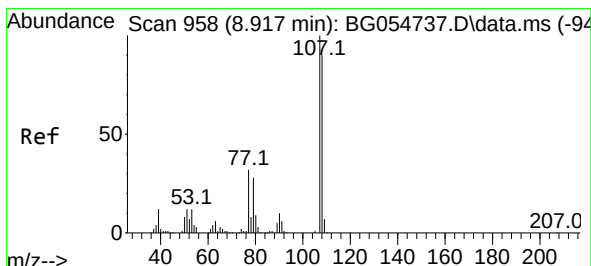
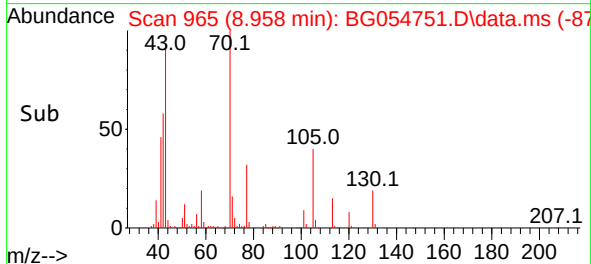
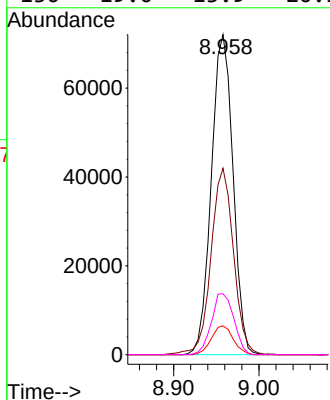
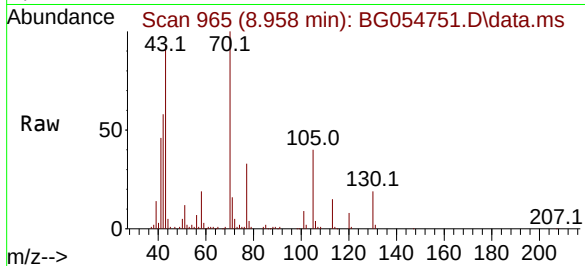


#19
n-Nitroso-di-n-propylamine
Concen: 45.561 ng
RT: 8.958 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Instrument :
BNA_G
ClientSampleId :
PB147143BS

Tgt Ion: 70 Resp: 127121

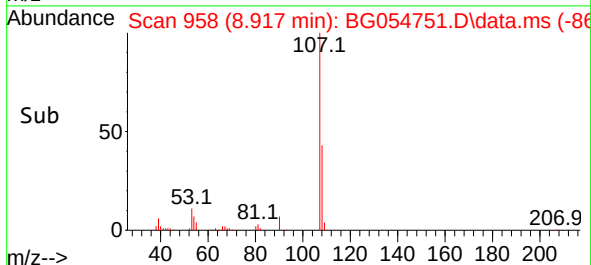
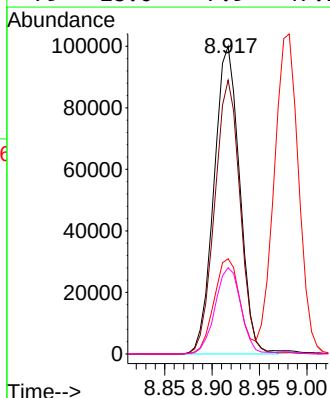
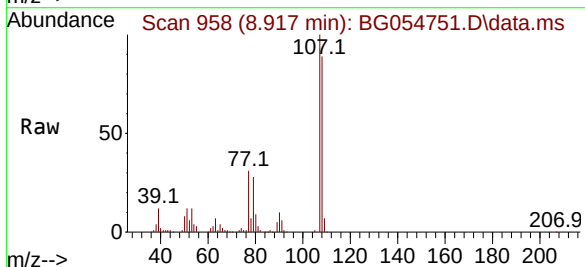
Ion	Ratio	Lower	Upper
70	100		
42	58.3	46.6	69.8
101	9.0	7.7	11.5
130	19.0	13.9	20.9

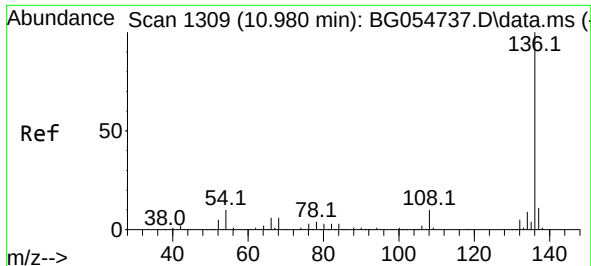


#20
3+4-Methylphenols
Concen: 47.309 ng
RT: 8.917 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 107 Resp: 188466

Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.6	111.6
77	30.9	13.1	53.1
79	28.0	7.9	47.9





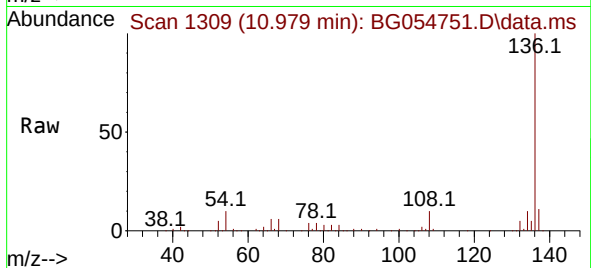
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Instrument :

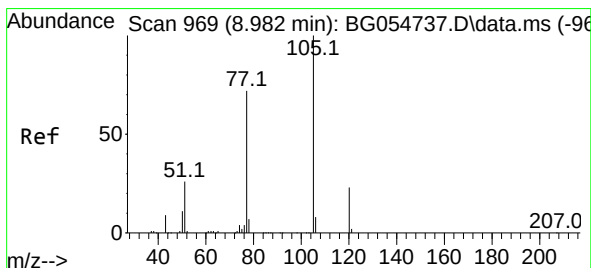
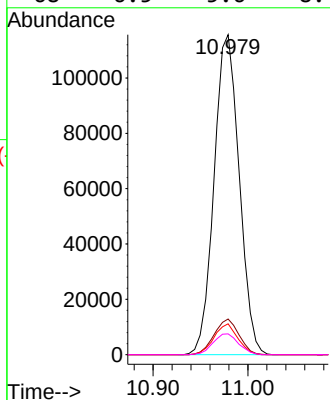
BNA_G

ClientSampleId :

PB147143BS

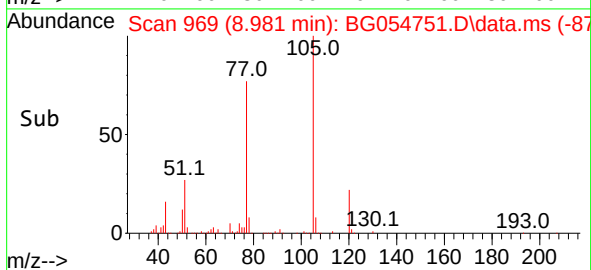
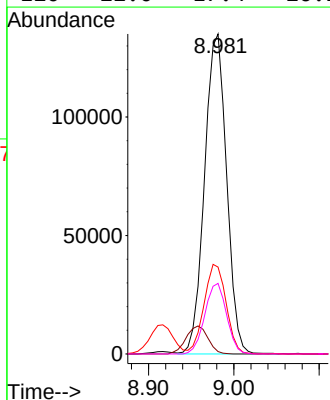
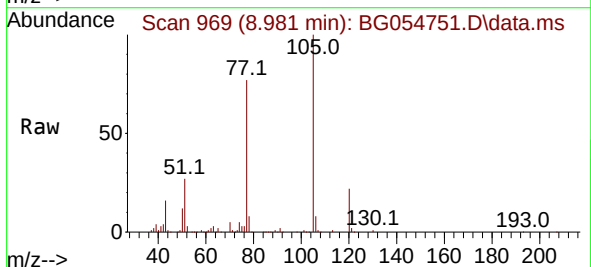


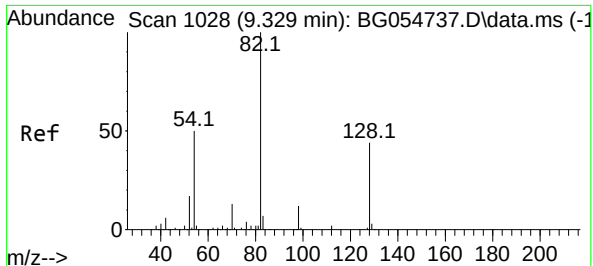
Tgt Ion:	136	Resp:	212835
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	9.6	7.7	11.5
68	6.5	5.6	8.4



#22
Acetophenone
Concen: 45.576 ng
RT: 8.981 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:	105	Resp:	242677
Ion Ratio	Lower	Upper	
105	100		
71	0.8	1.2	1.8
51	27.2	22.9	34.3
120	22.0	17.4	26.2





#23

Nitrobenzene-d5

Concen: 85.869 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

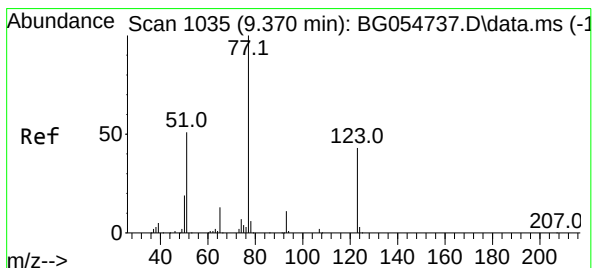
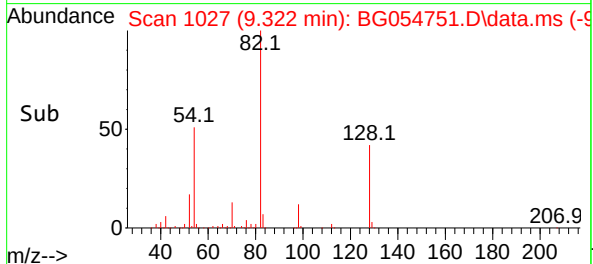
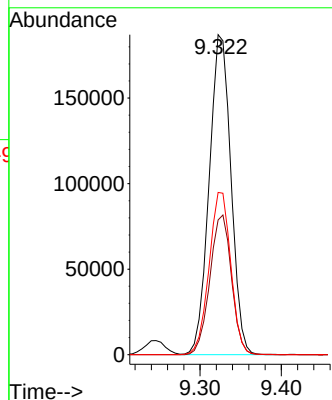
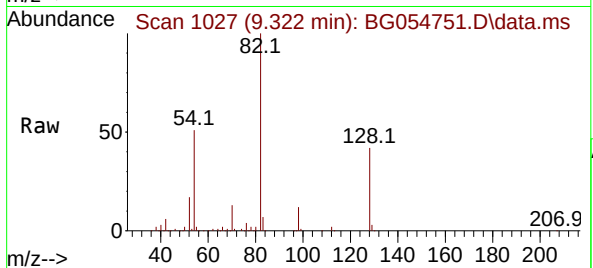
Tgt Ion: 82 Resp: 348137

Ion Ratio Lower Upper

82 100

128 42.1 32.2 48.2

54 50.7 41.4 62.0



#24

Nitrobenzene

Concen: 44.482 ng

RT: 9.369 min Scan# 1035

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

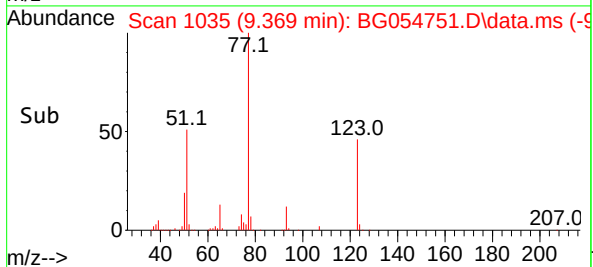
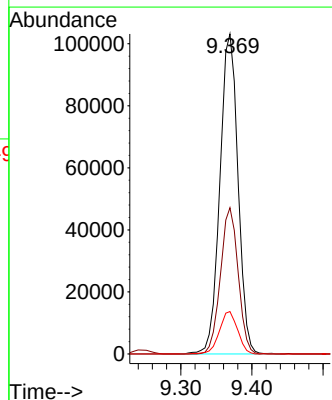
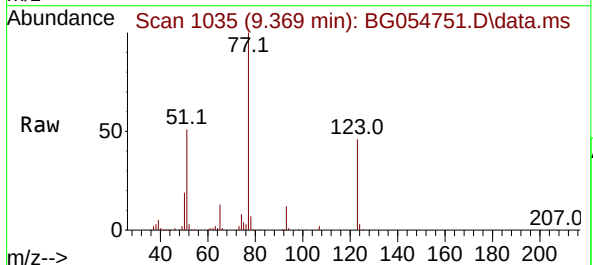
Tgt Ion: 77 Resp: 181774

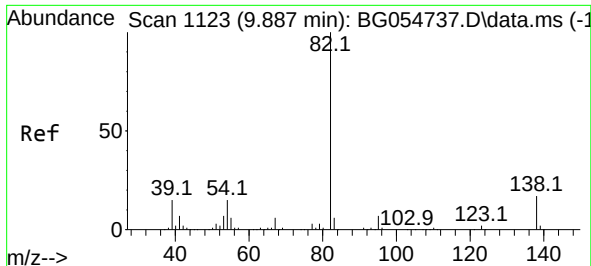
Ion Ratio Lower Upper

77 100

123 45.7 35.0 52.6

65 13.3 10.2 15.2

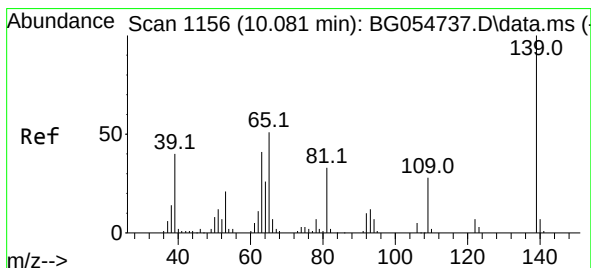
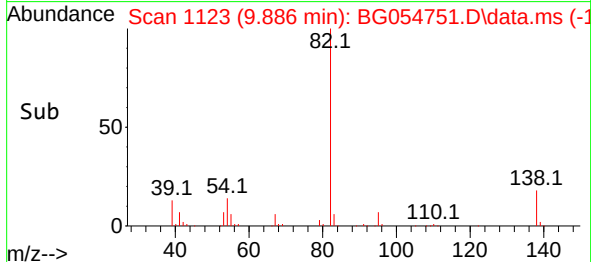
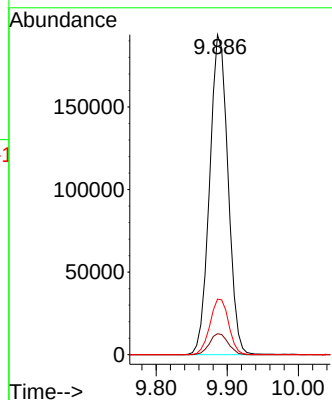
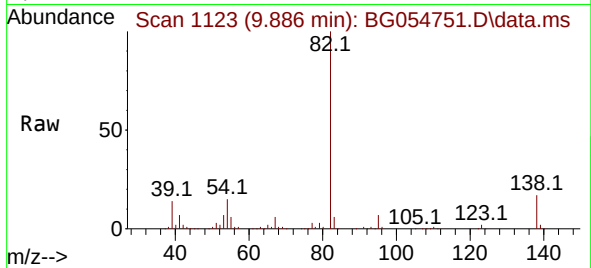




#25
Isophorone
Concen: 45.970 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

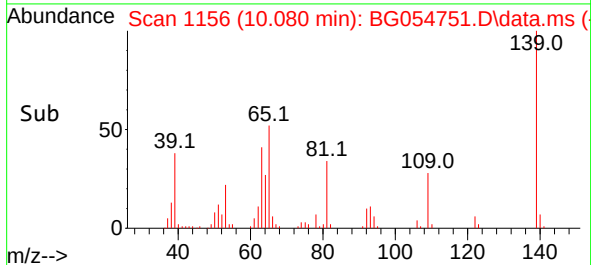
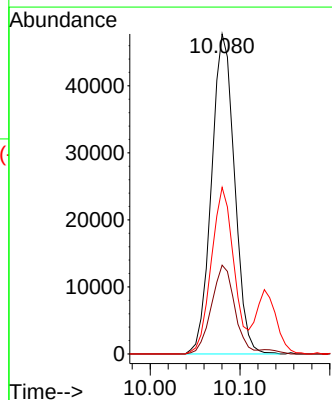
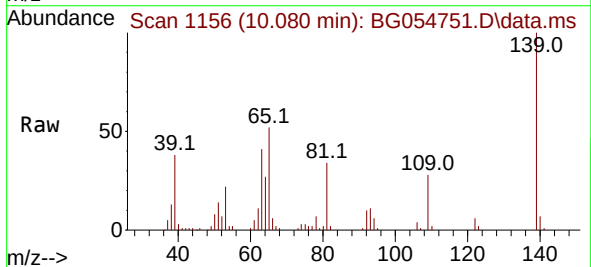
Instrument :
BNA_G
ClientSampleId :
PB147143BS

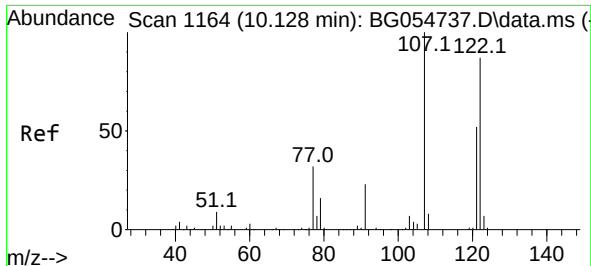
Tgt Ion: 82 Resp: 347509
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 17.3 13.9 20.9



#26
2-Nitrophenol
Concen: 47.038 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:139 Resp: 84908
Ion Ratio Lower Upper
139 100
109 27.7 21.8 32.6
65 52.0 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.151 ng

RT: 10.127 min Scan# 1164

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

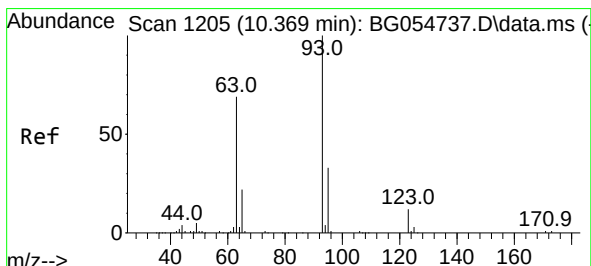
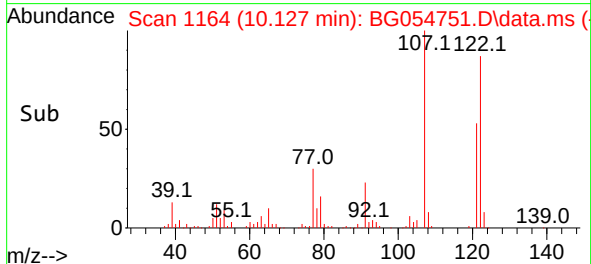
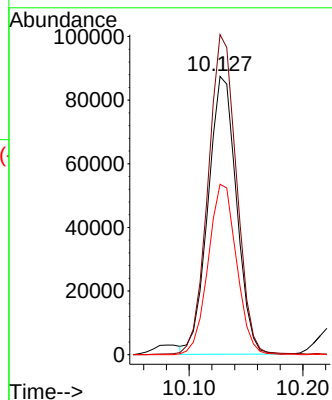
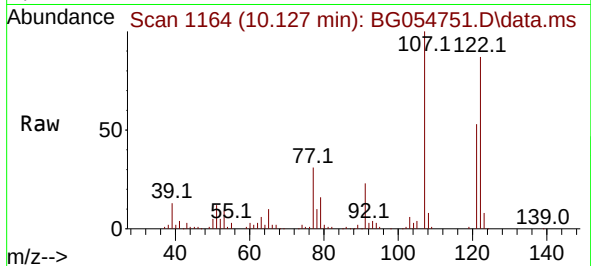
Tgt Ion:122 Resp: 152013

Ion Ratio Lower Upper

122 100

107 115.0 94.6 142.0

121 61.2 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.662 ng

RT: 10.368 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

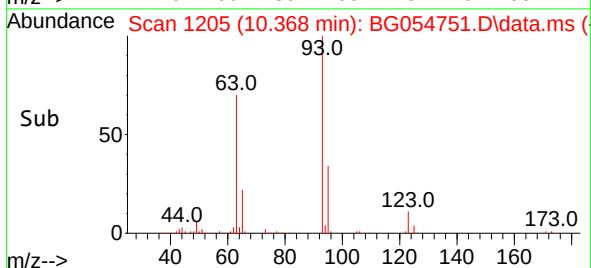
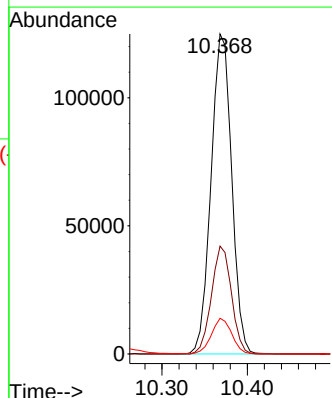
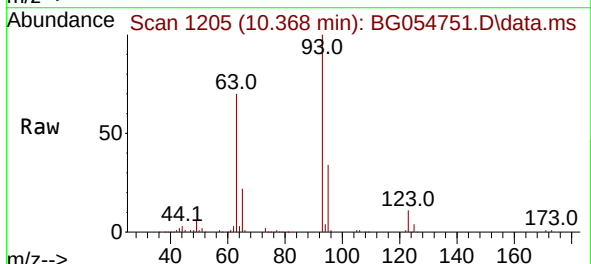
Tgt Ion: 93 Resp: 209615

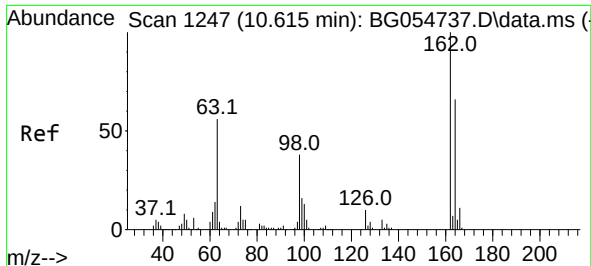
Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.2

123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 47.057 ng

RT: 10.615 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

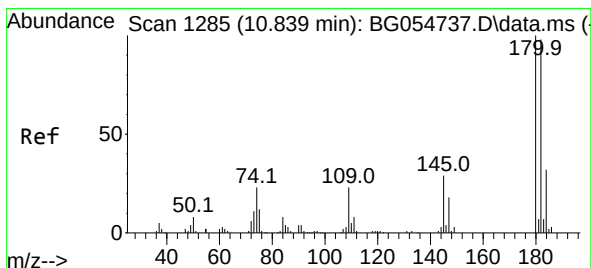
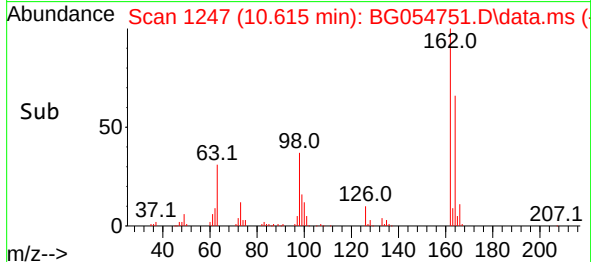
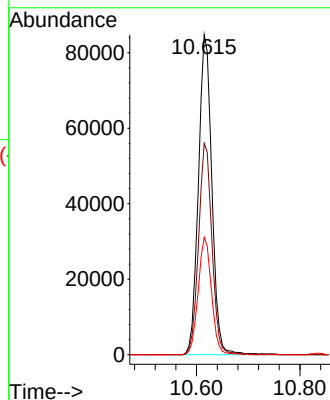
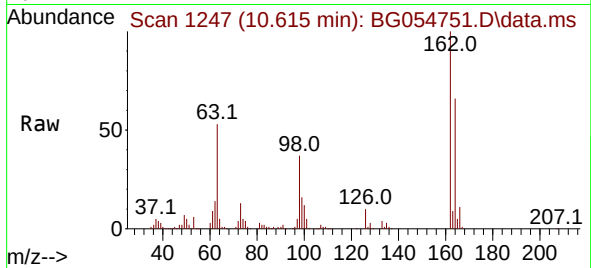
Tgt Ion:162 Resp: 153079

Ion Ratio Lower Upper

162 100

164 66.1 47.2 87.2

98 36.6 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.211 ng

RT: 10.832 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

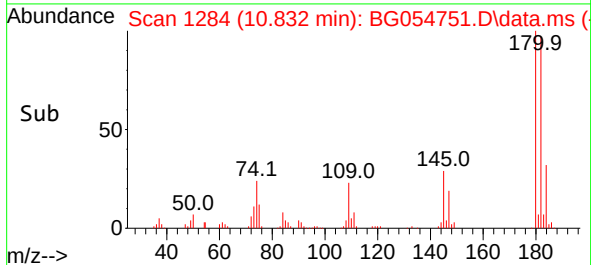
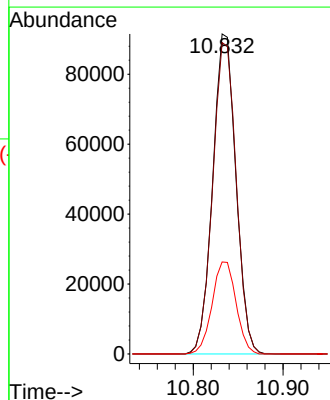
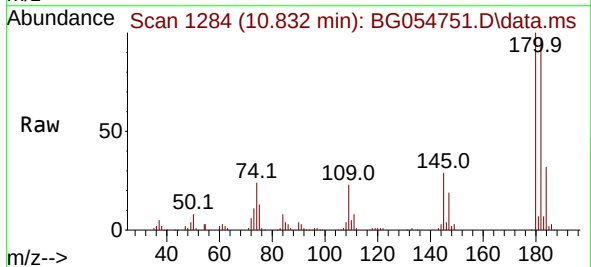
Tgt Ion:180 Resp: 164355

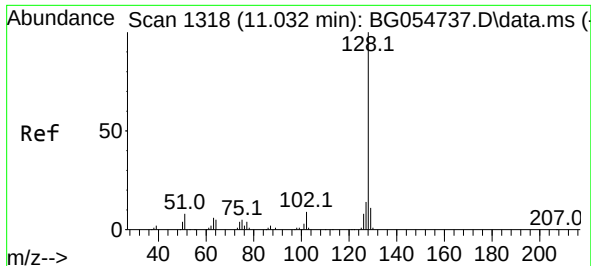
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.6

145 28.7 24.0 36.0

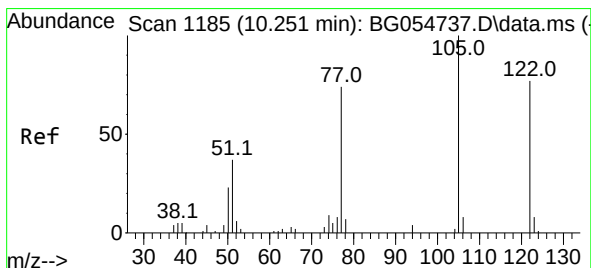
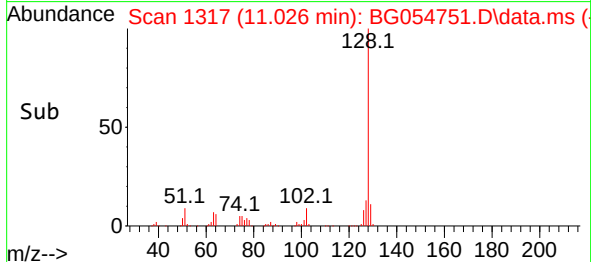
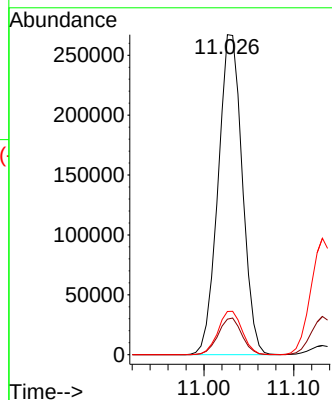
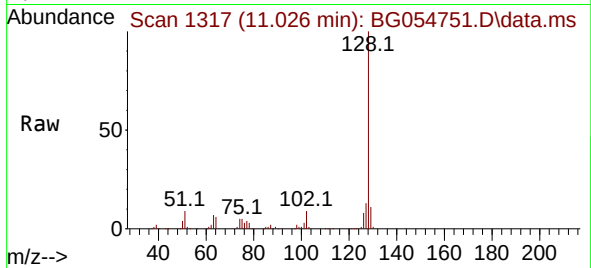




#31
Naphthalene
Concen: 43.743 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

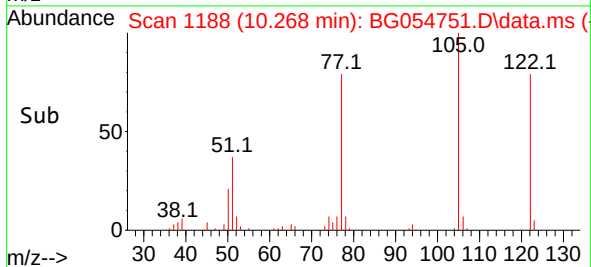
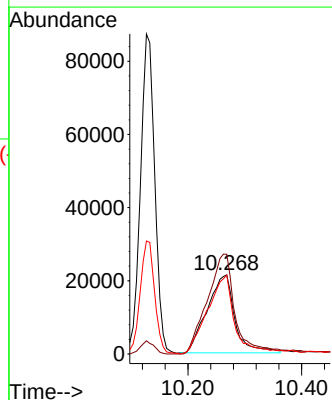
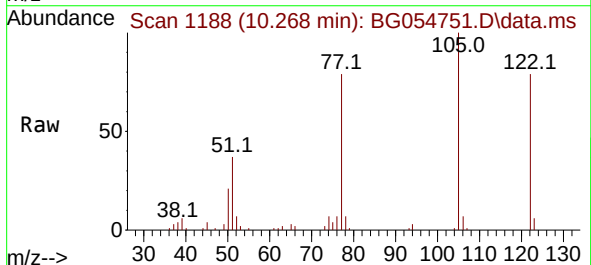
Instrument :
BNA_G
ClientSampleId :
PB147143BS

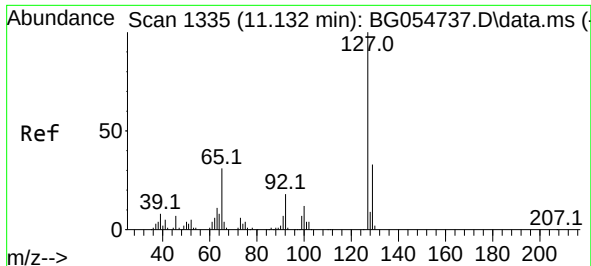
Tgt Ion:128 Resp: 499507
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 37.475 ng
RT: 10.268 min Scan# 1188
Delta R.T. 0.017 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:122 Resp: 72346
Ion Ratio Lower Upper
122 100
105 126.1 101.5 141.5
77 99.9 69.3 109.3

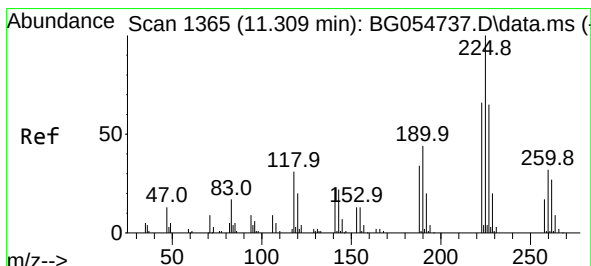
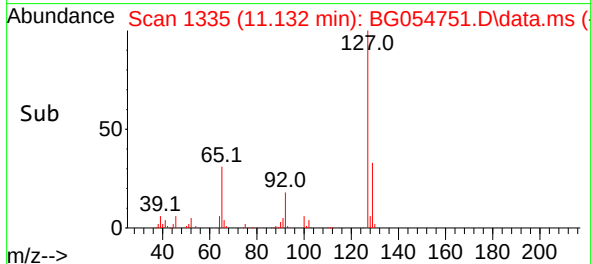
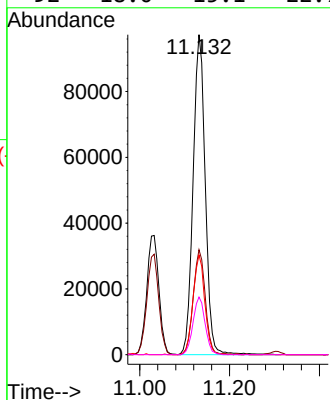
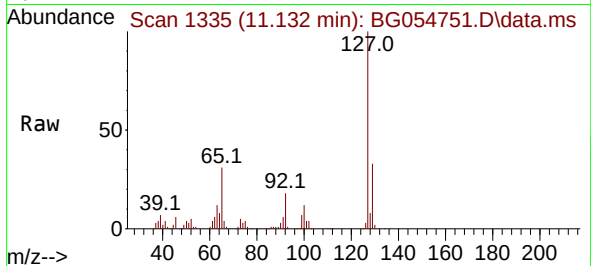




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

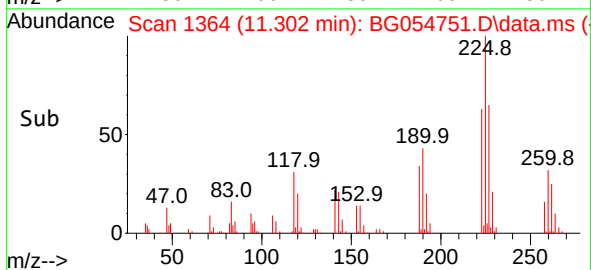
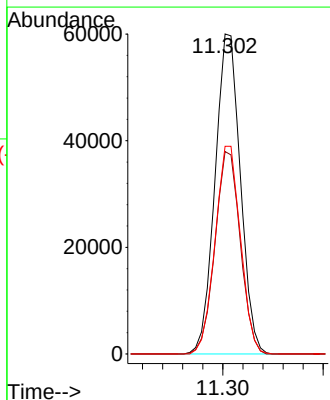
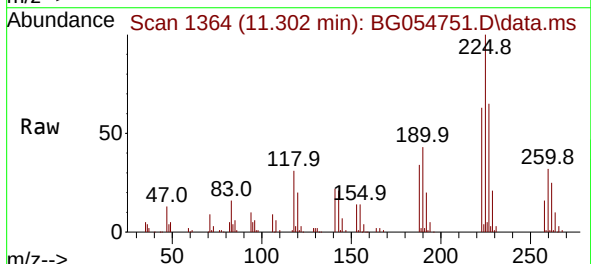
Instrument :
BNA_G
ClientSampleId :
PB147143BS

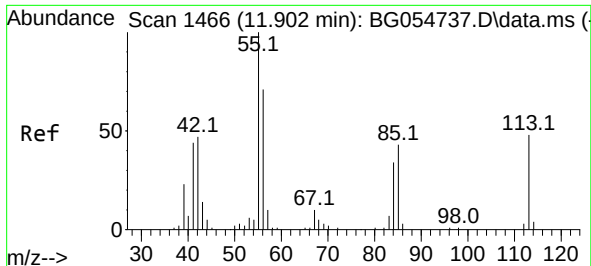
Tgt Ion:127	Resp: 183189
Ion Ratio	Lower Upper
127 100	
129 32.8	26.0 39.0
65 31.1	25.8 38.8
92 18.0	15.1 22.7



#34
Hexachlorobutadiene
Concen: 44.106 ng
RT: 11.302 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:225	Resp: 105052		
Ion Ratio	Lower	Upper	
225 100			
223 63.2	51.4	77.0	
227 64.9	52.6	79.0	

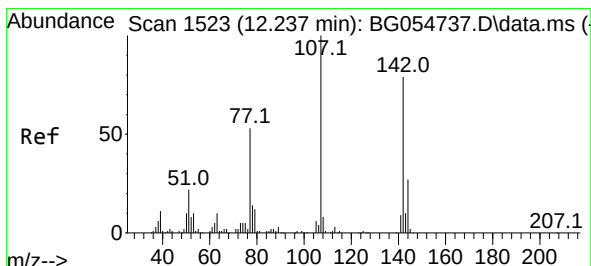
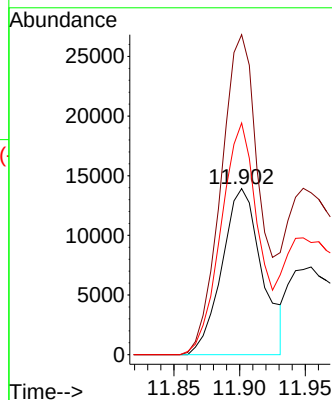
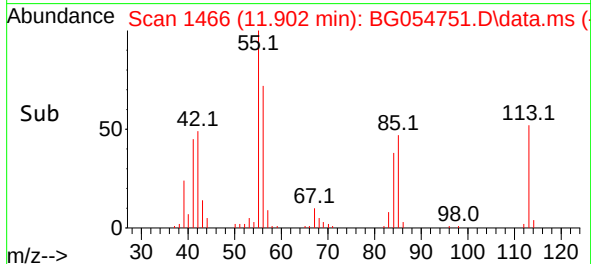
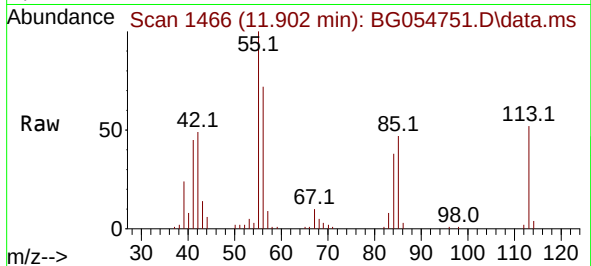




#35
 Caprolactam
 Concen: 25.699 ng
 RT: 11.902 min Scan# 1466
 Delta R.T. -0.001 min
 Lab File: BG054751.D
 Acq: 26 Aug 2022 11:18

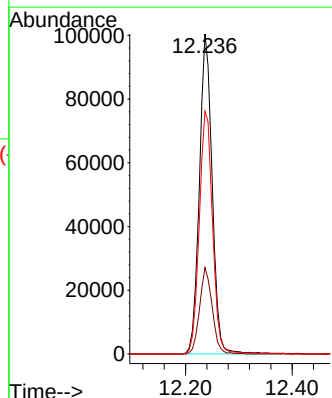
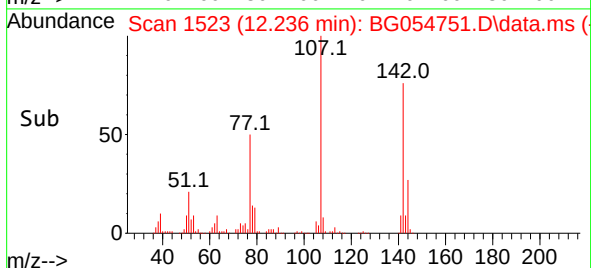
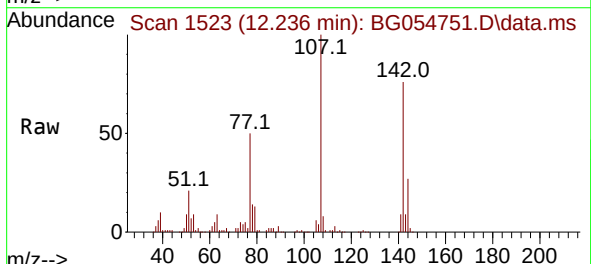
Instrument :
 BNA_G
 ClientSampleId :
 PB147143BS

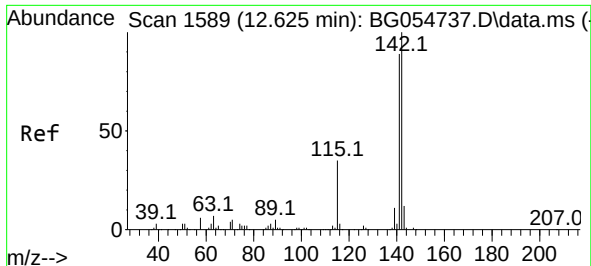
Tgt Ion:113 Resp: 29494
 Ion Ratio Lower Upper
 113 100
 55 192.7 179.1 219.1
 56 139.5 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.083 ng
 RT: 12.236 min Scan# 1523
 Delta R.T. -0.001 min
 Lab File: BG054751.D
 Acq: 26 Aug 2022 11:18

Tgt Ion:107 Resp: 167490
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.4 33.6
 142 75.8 65.8 98.8





#37

2-Methylnaphthalene

Concen: 43.577 ng

RT: 12.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

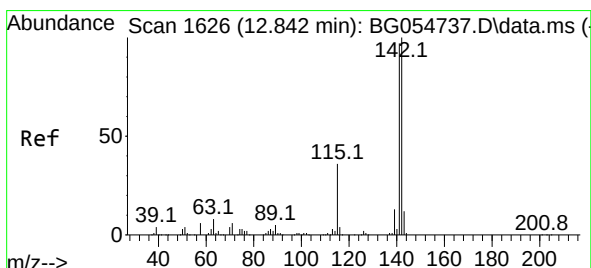
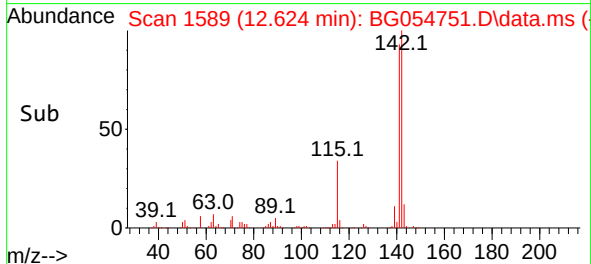
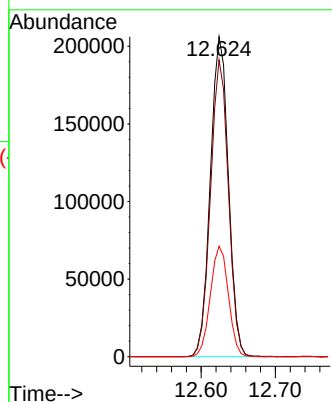
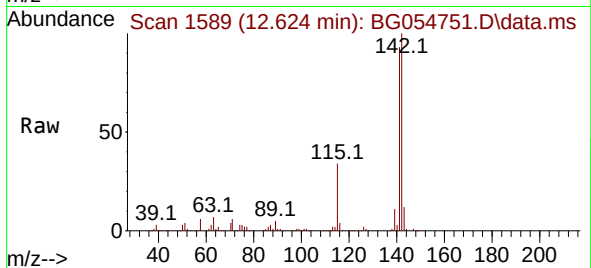
Tgt Ion:142 Resp: 348770

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.4

115 34.5 27.3 40.9



#38

1-Methylnaphthalene

Concen: 42.517 ng

RT: 12.842 min Scan# 1626

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

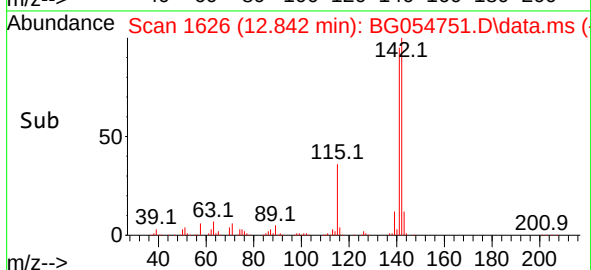
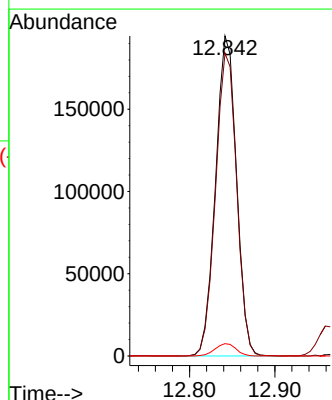
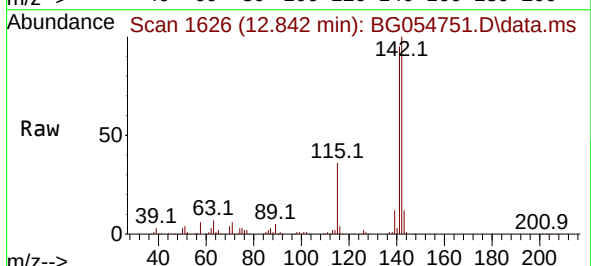
Tgt Ion:142 Resp: 331072

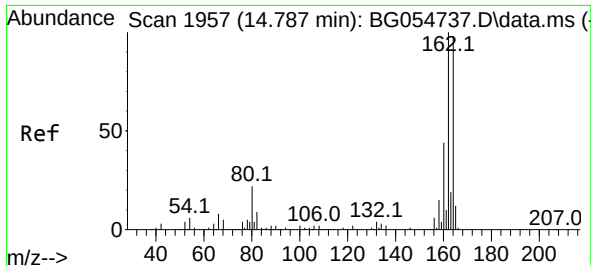
Ion Ratio Lower Upper

142 100

141 94.6 77.4 116.0

116 3.9 3.0 4.4

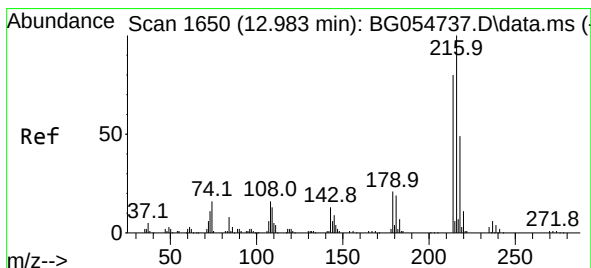
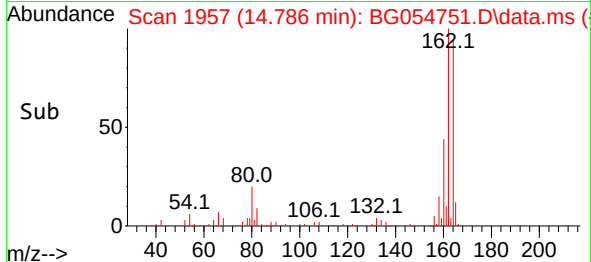
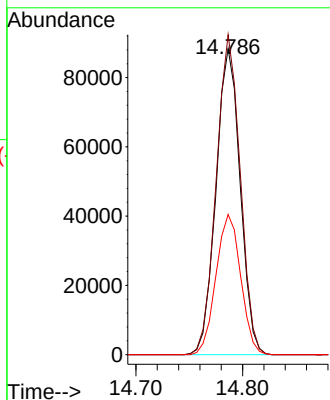
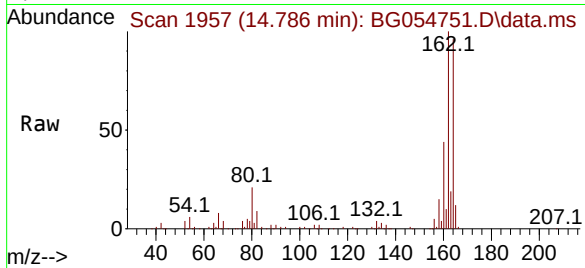




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

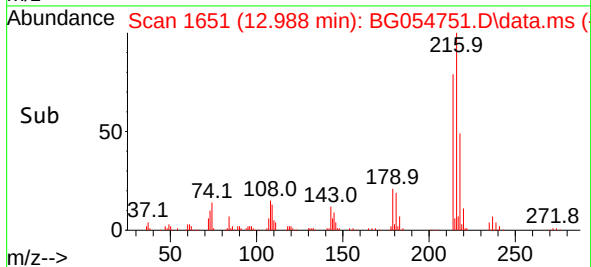
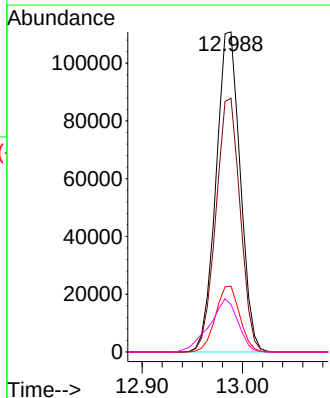
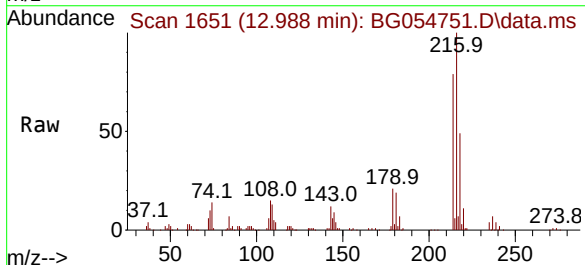
Instrument :
BNA_G
ClientSampleId :
PB147143BS

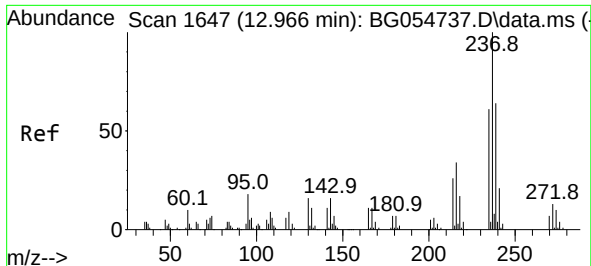
Tgt Ion:164 Resp: 138627
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.4
160 45.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.358 ng
RT: 12.988 min Scan# 1651
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:216 Resp: 185366
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 20.6 16.5 24.7
108 19.6 13.9 20.9

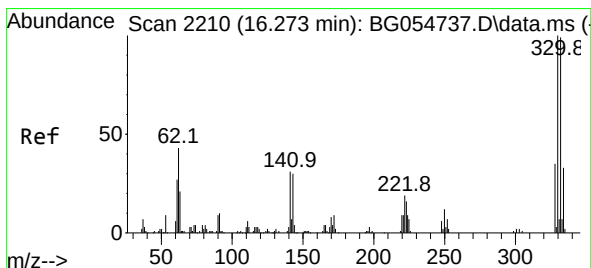
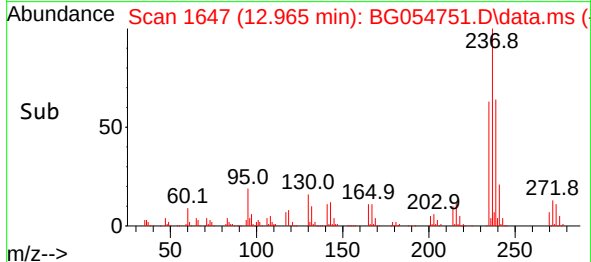
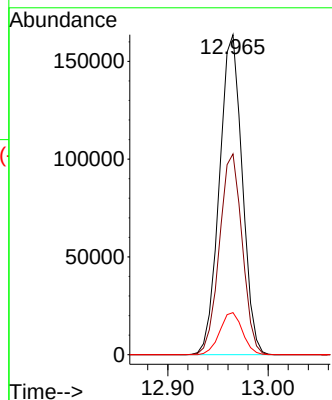
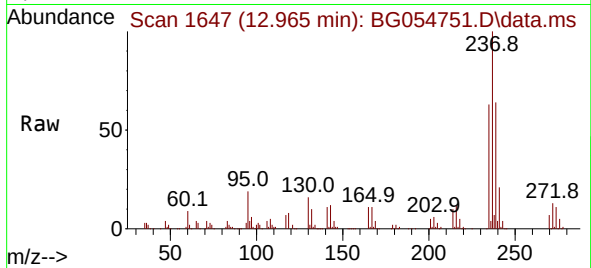




#41
Hexachlorocyclopentadiene
Concen: 116.360 ng
RT: 12.965 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

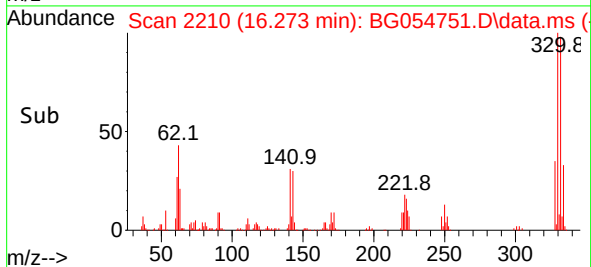
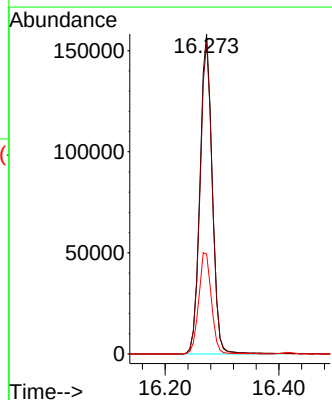
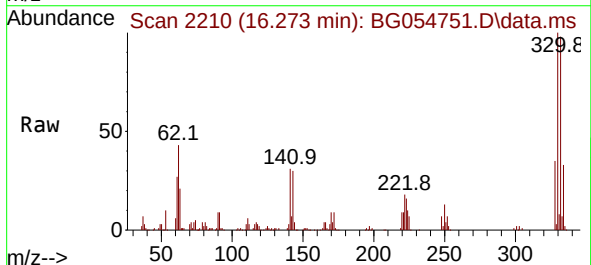
Instrument :
BNA_G
ClientSampleId :
PB147143BS

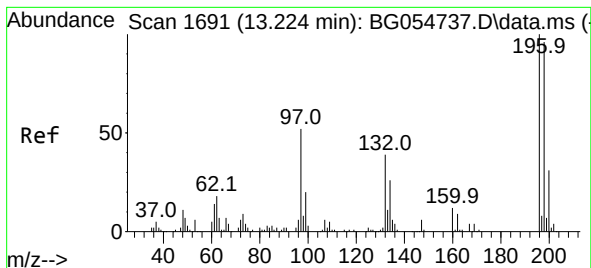
Tgt Ion:237 Resp: 257873
Ion Ratio Lower Upper
237 100
235 62.8 42.2 82.2
272 13.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 136.786 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:330 Resp: 236945
Ion Ratio Lower Upper
330 100
332 97.1 79.8 119.6
141 32.6 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 45.619 ng

RT: 13.218 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

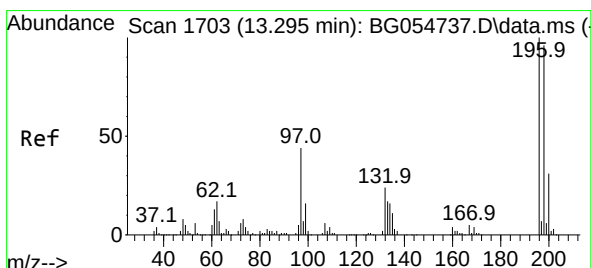
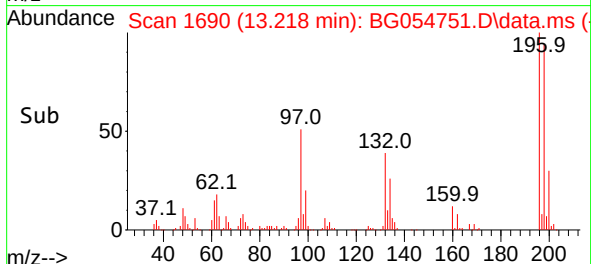
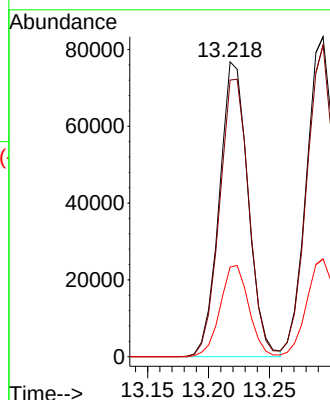
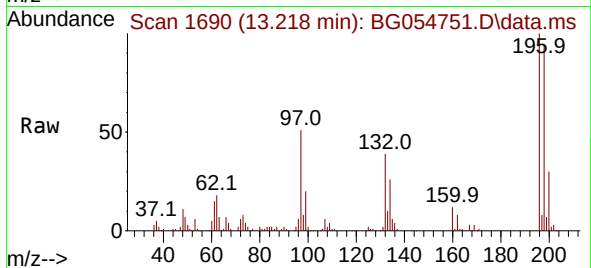
Tgt Ion:196 Resp: 126533

Ion Ratio Lower Upper

196 100

198 93.8 77.1 115.7

200 30.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 44.619 ng

RT: 13.294 min Scan# 1703

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Tgt Ion:196 Resp: 138987

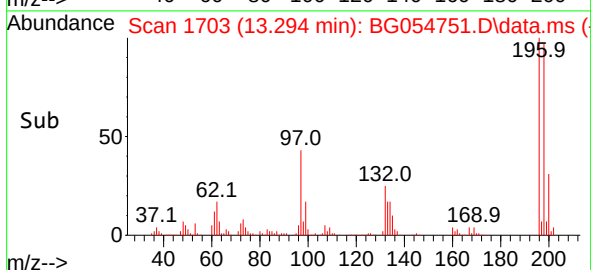
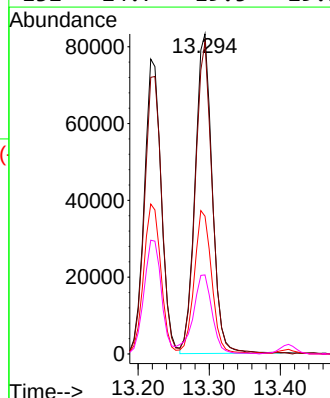
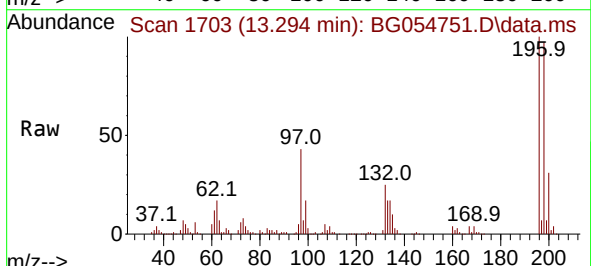
Ion Ratio Lower Upper

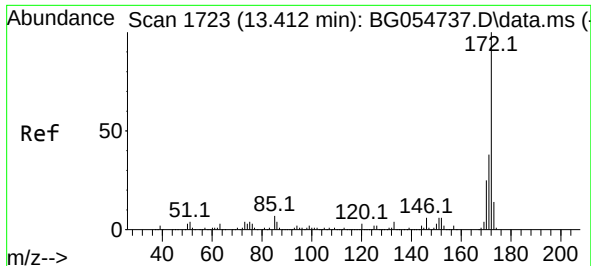
196 100

198 97.4 76.7 115.1

97 43.1 36.6 55.0

132 24.7 19.5 29.3

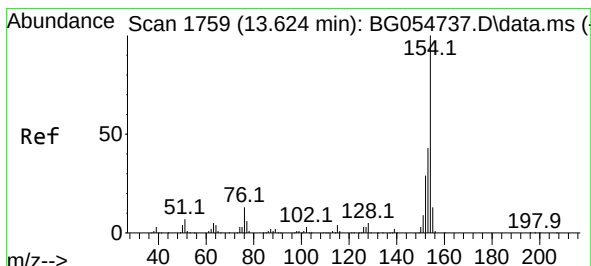
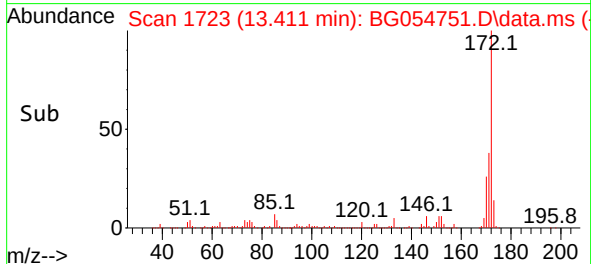
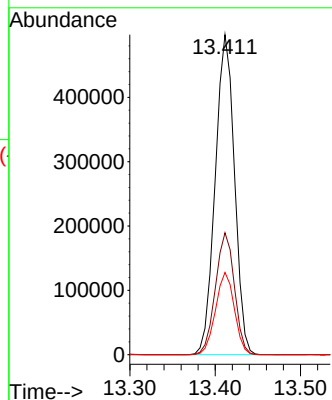
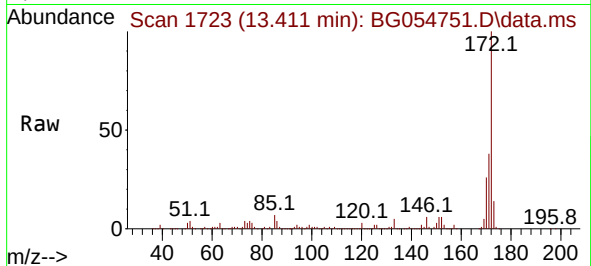




#45
2-Fluorobiphenyl
Concen: 84.570 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

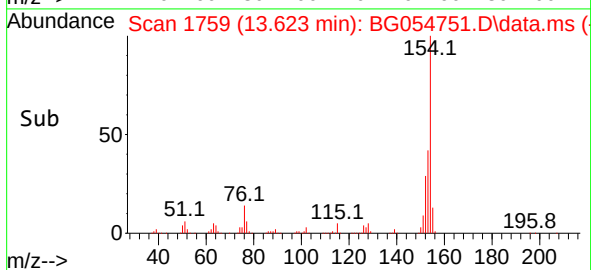
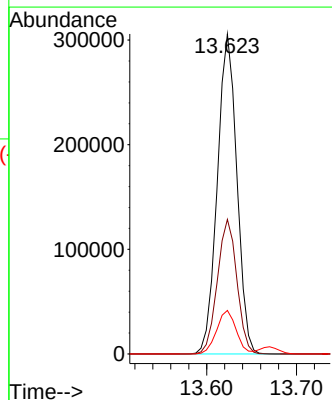
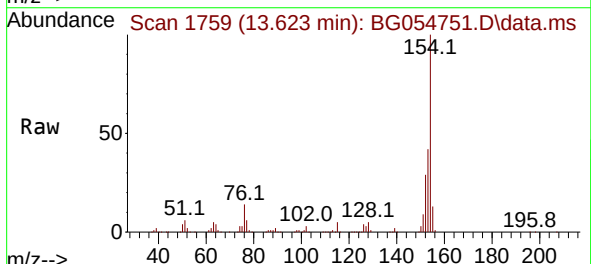
Instrument :
BNA_G
ClientSampleId :
PB147143BS

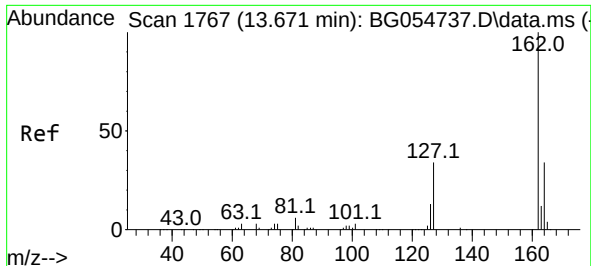
Tgt Ion:172 Resp: 780011
Ion Ratio Lower Upper
172 100
171 38.1 31.2 46.8
170 25.7 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.814 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:154 Resp: 461333
Ion Ratio Lower Upper
154 100
153 42.1 22.2 62.2
76 13.6 0.0 34.0

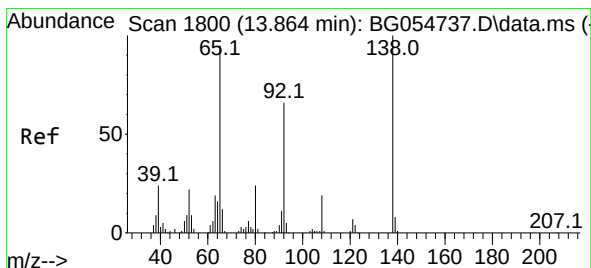
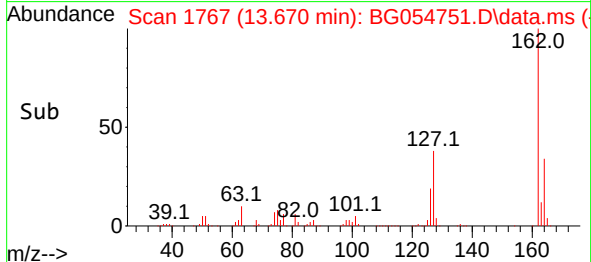
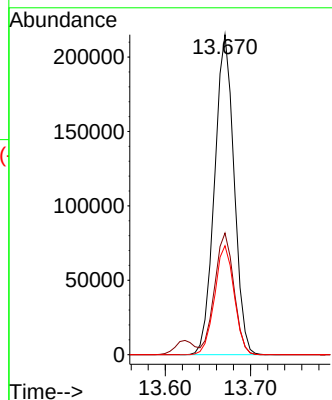
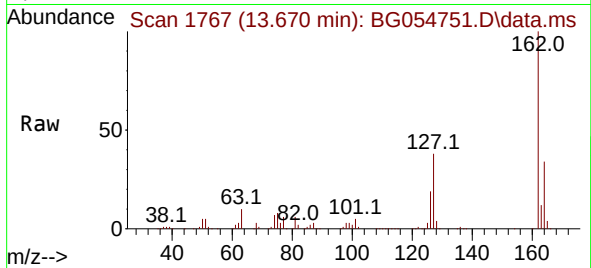




#47
2-Chloronaphthalene
Concen: 43.627 ng
RT: 13.670 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

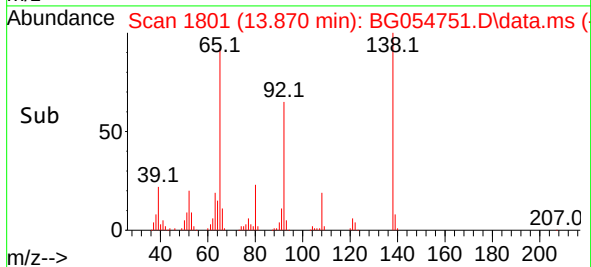
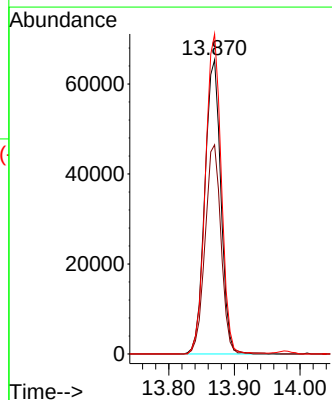
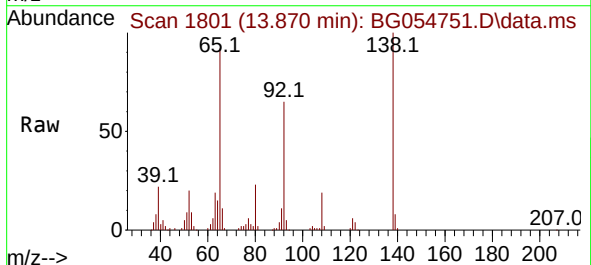
Instrument :
BNA_G
ClientSampleId :
PB147143BS

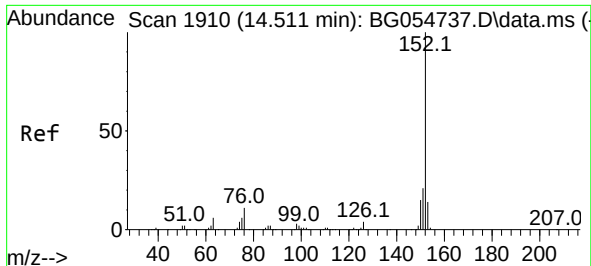
Tgt Ion:162 Resp: 341086
Ion Ratio Lower Upper
162 100
127 38.0 31.5 47.3
164 34.1 27.8 41.6



#48
2-Nitroaniline
Concen: 45.488 ng
RT: 13.870 min Scan# 1801
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion: 65 Resp: 111455
Ion Ratio Lower Upper
65 100
92 71.1 54.7 82.1
138 108.8 84.1 126.1

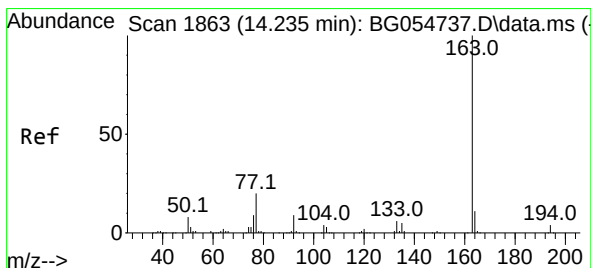
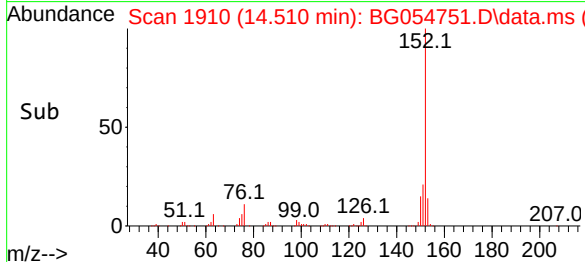
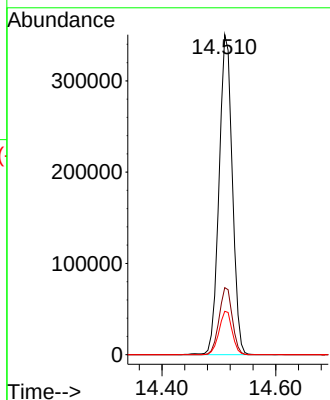
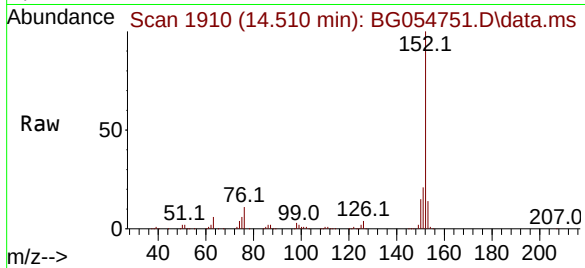




#49
Acenaphthylene
Concen: 44.053 ng
RT: 14.510 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

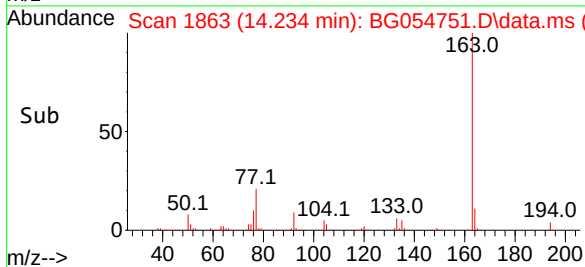
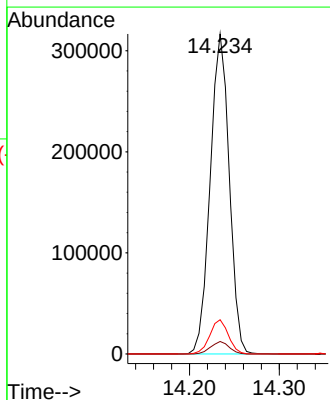
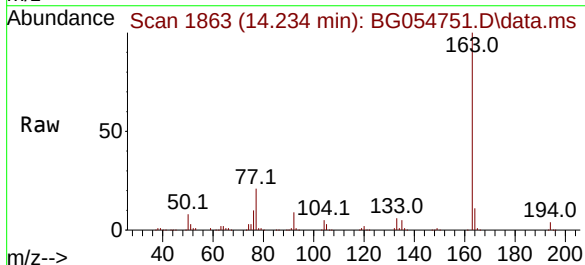
Instrument :
BNA_G
ClientSampleId :
PB147143BS

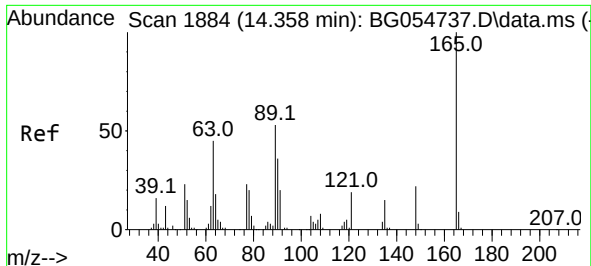
Tgt Ion:152 Resp: 568347
Ion Ratio Lower Upper
152 100
151 21.0 17.3 25.9
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 43.595 ng
RT: 14.234 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:163 Resp: 465596
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.7 8.0 12.0

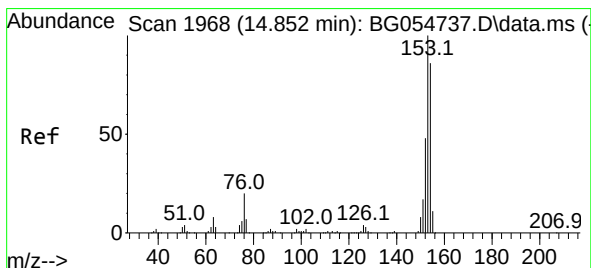
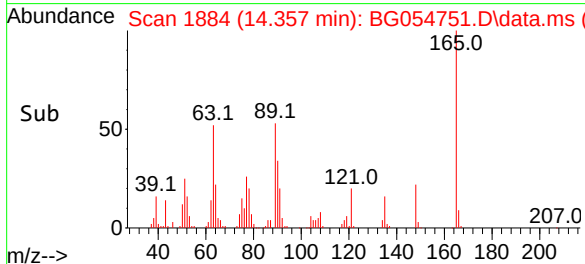
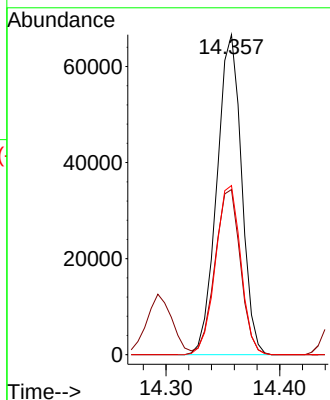
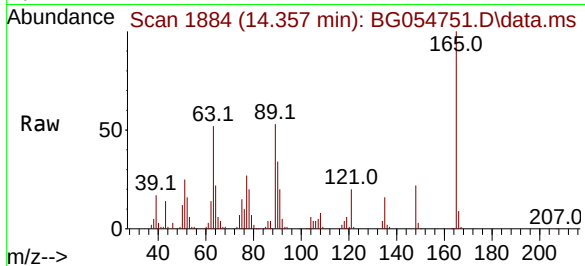




#51
2,6-Dinitrotoluene
Concen: 45.940 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

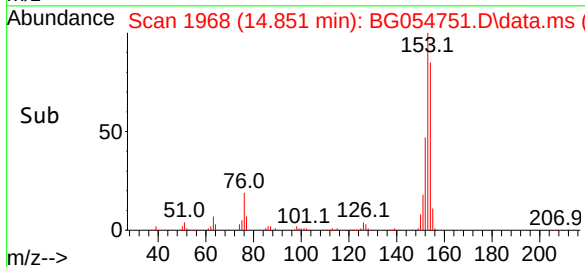
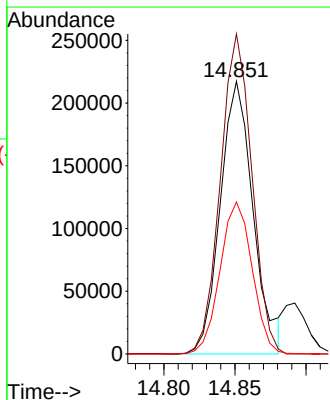
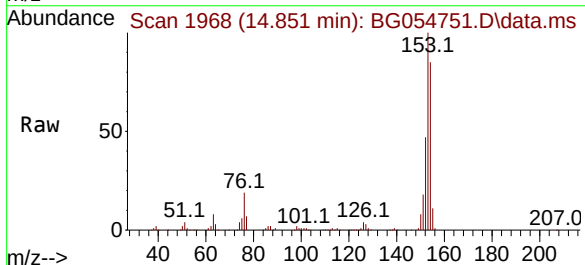
Instrument :
BNA_G
ClientSampleId :
PB147143BS

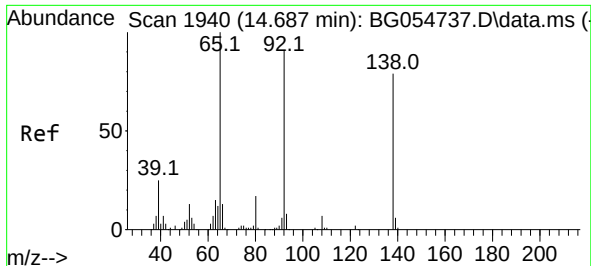
Tgt Ion:165 Resp: 100355
Ion Ratio Lower Upper
165 100
63 51.6 46.0 69.0
89 52.9 50.3 75.5



#52
Acenaphthene
Concen: 42.187 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:154 Resp: 349615
Ion Ratio Lower Upper
154 100
153 117.4 92.8 139.2
152 55.7 45.4 68.2

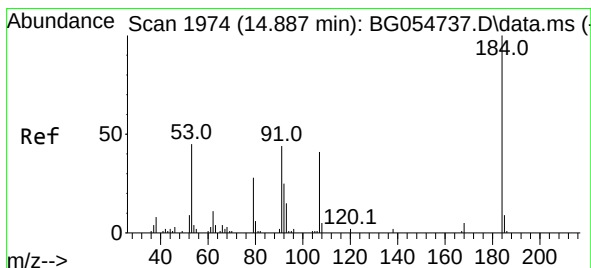
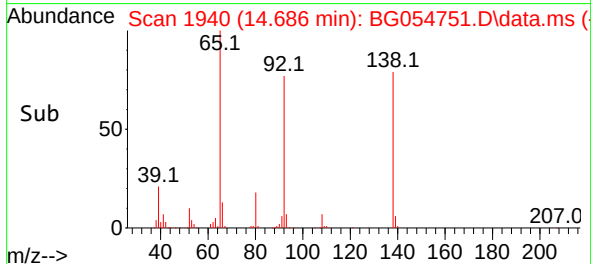
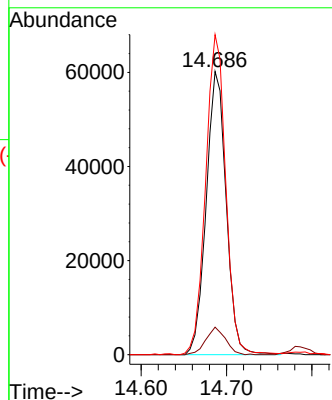
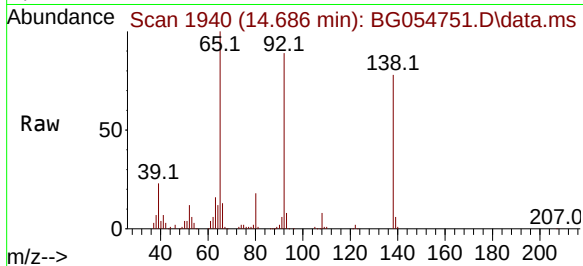




#53
3-Nitroaniline
Concen: 40.048 ng
RT: 14.686 min Scan# 1940
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

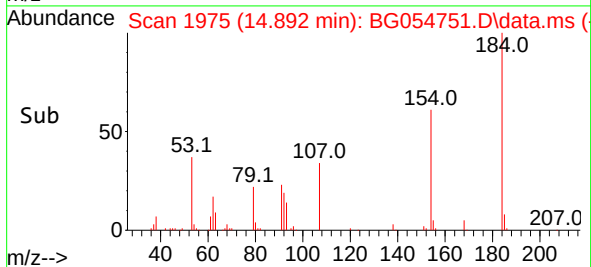
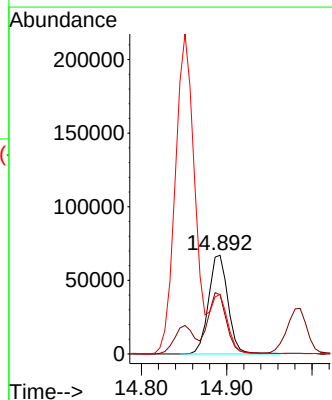
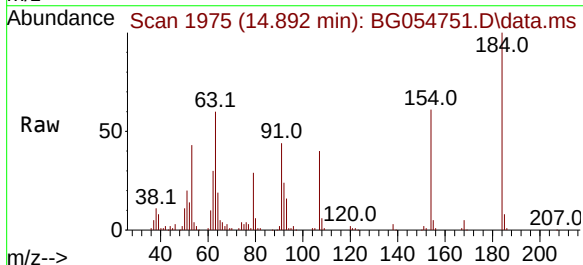
Instrument :
BNA_G
ClientSampleId :
PB147143BS

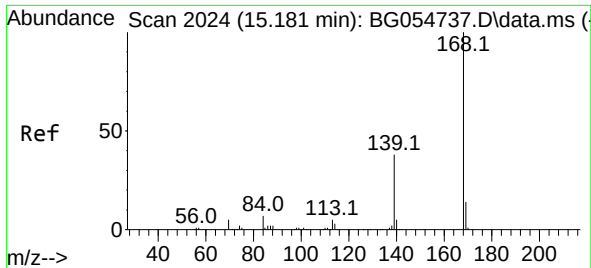
Tgt Ion:138 Resp: 97933
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 113.0 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 85.497 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:184 Resp: 106022
Ion Ratio Lower Upper
184 100
63 60.0 41.8 62.8
154 60.5 45.2 67.8

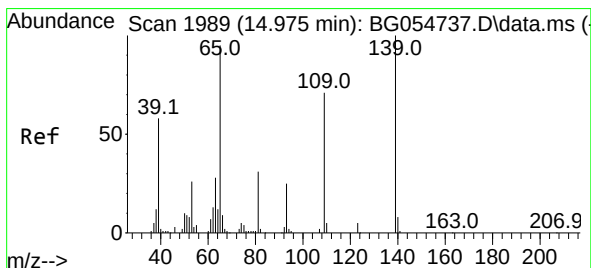
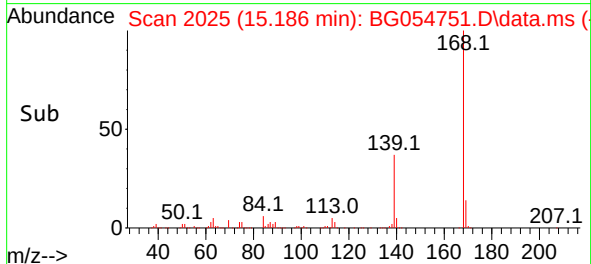
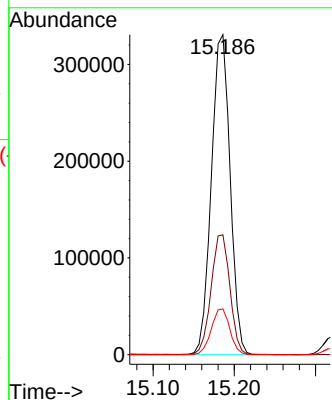
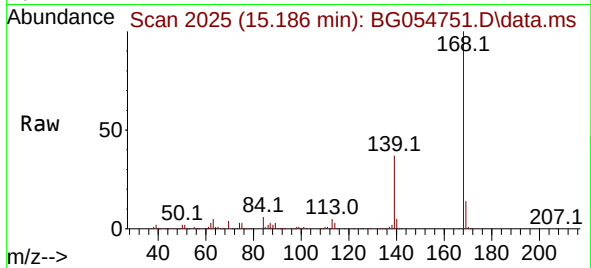




#55
Dibenzofuran
Concen: 43.535 ng
RT: 15.186 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

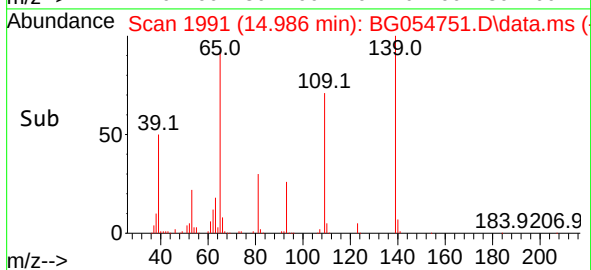
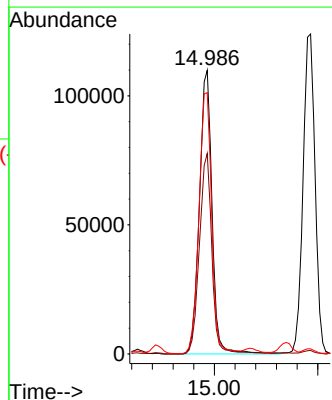
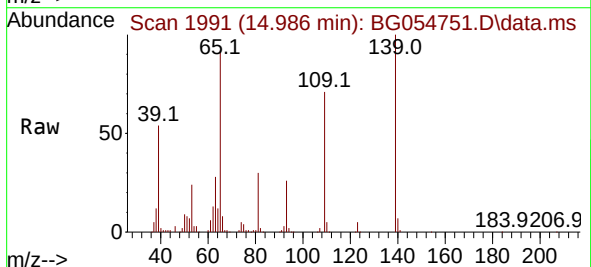
Instrument :
BNA_G
ClientSampleId :
PB147143BS

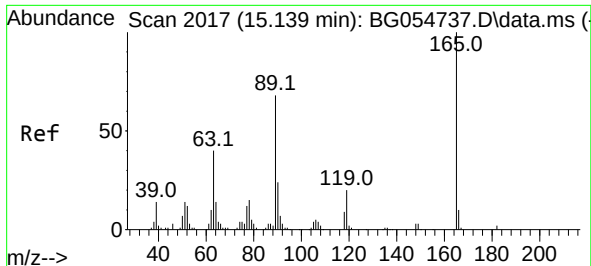
Tgt Ion:168 Resp: 530153
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.2
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 98.319 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:139 Resp: 186060
Ion Ratio Lower Upper
139 100
109 70.7 50.5 90.5
65 92.1 79.9 119.9

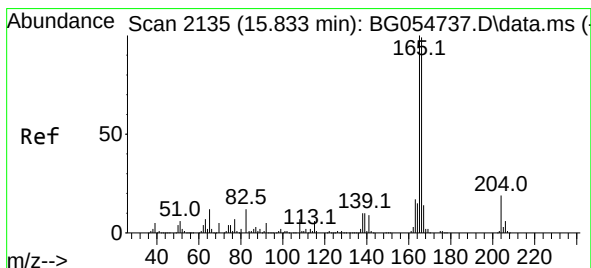
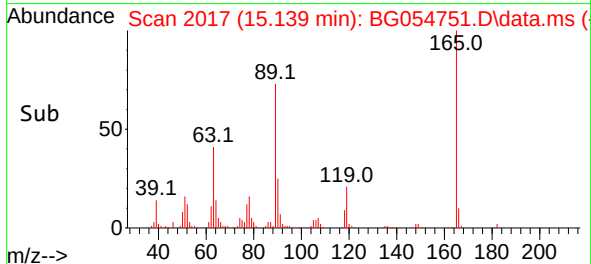
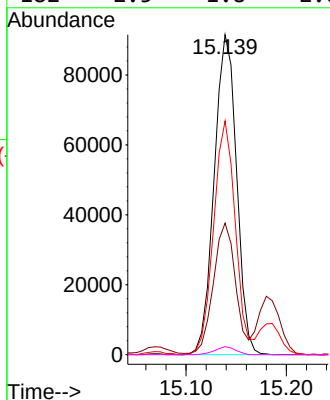
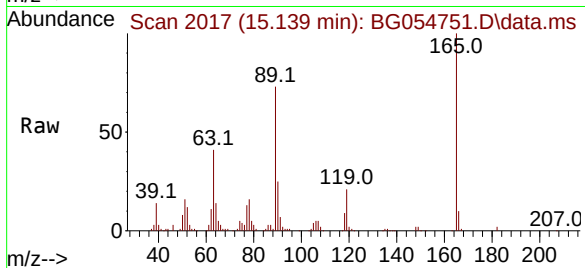




#57
2,4-Dinitrotoluene
Concen: 46.823 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

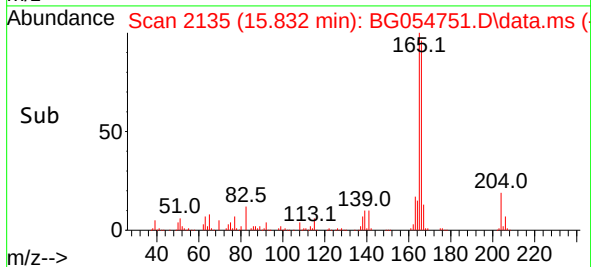
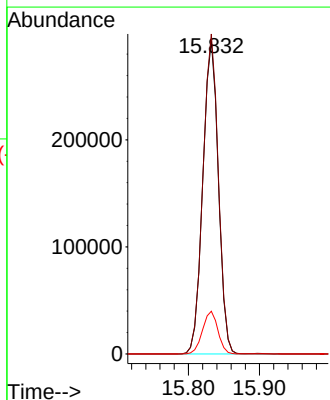
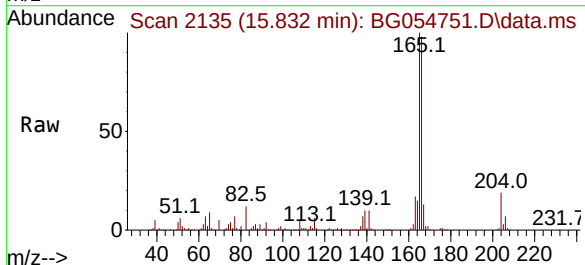
Instrument :
BNA_G
ClientSampleId :
PB147143BS

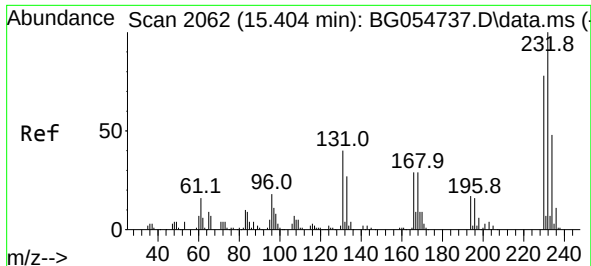
Tgt Ion:165 Resp: 141476
Ion Ratio Lower Upper
165 100
63 41.1 36.8 55.2
89 73.1 64.3 96.5
182 2.5 1.8 2.6



#58
Fluorene
Concen: 43.371 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:166 Resp: 444929
Ion Ratio Lower Upper
166 100
165 102.3 80.8 121.2
167 13.7 11.4 17.0

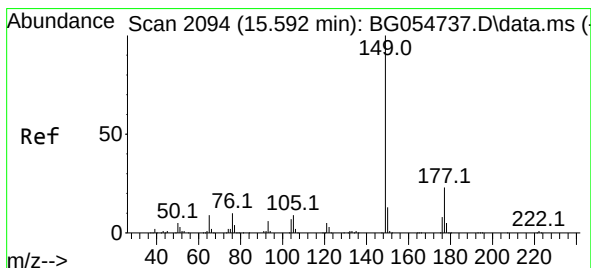
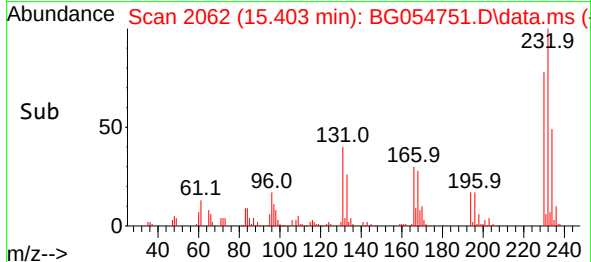
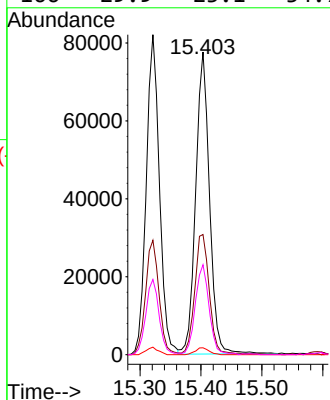
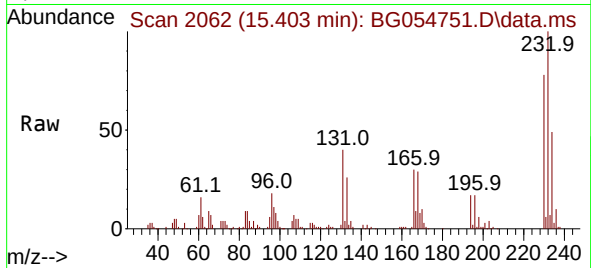




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.555 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

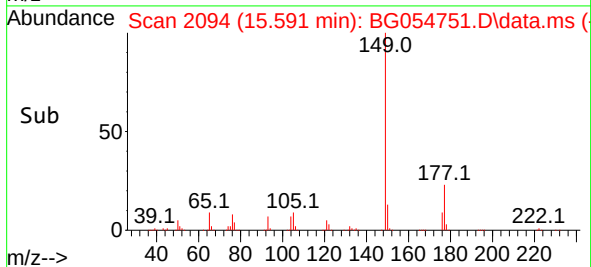
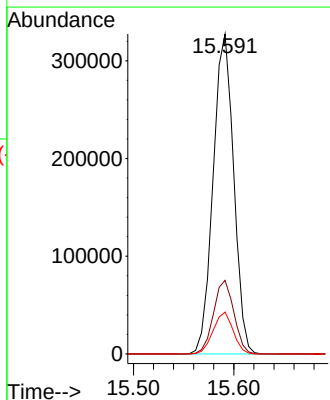
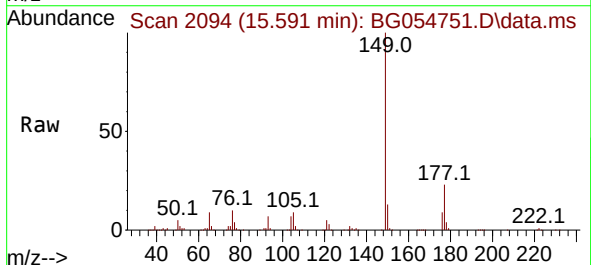
Instrument :
BNA_G
ClientSampleId :
PB147143BS

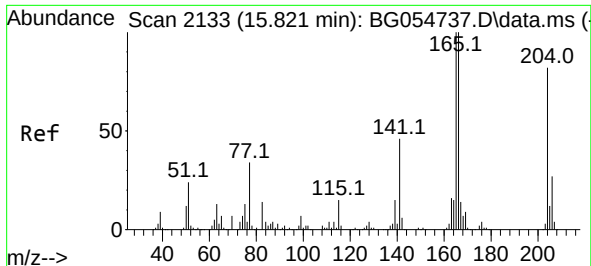
Tgt Ion:232	Resp:	122300
Ion Ratio	Lower	Upper
232	100	
131	41.2	31.3 46.9
130	2.2	1.8 2.6
166	29.9	23.1 34.7



#60
Diethylphthalate
Concen: 43.628 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:149	Resp:	465271
Ion Ratio	Lower	Upper
149	100	
177	23.0	17.8 26.6
150	13.1	10.1 15.1

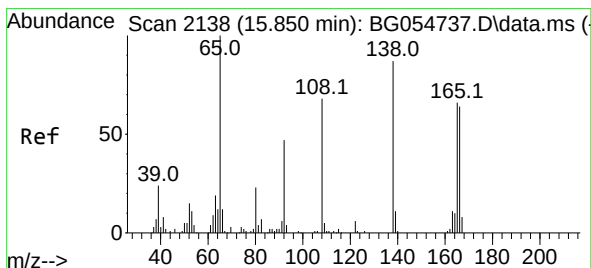
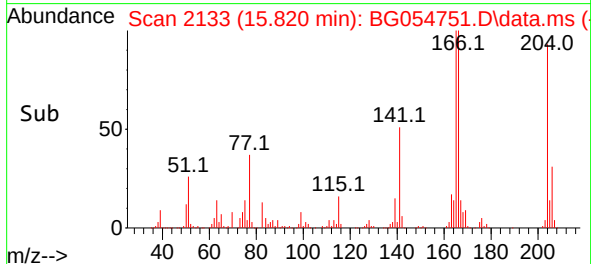
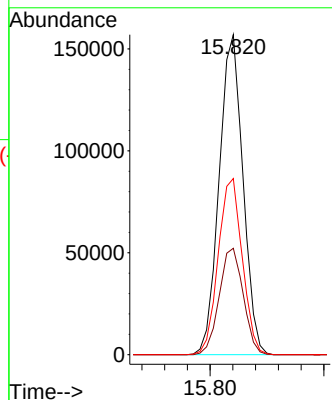
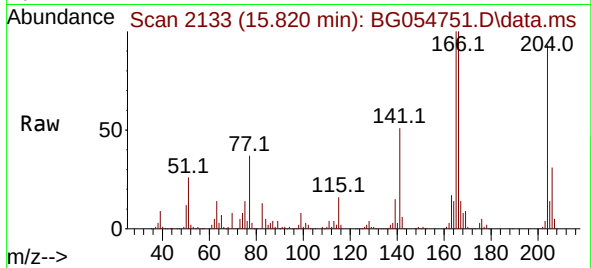




#61
4-Chlorophenyl-phenylether
Concen: 45.031 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

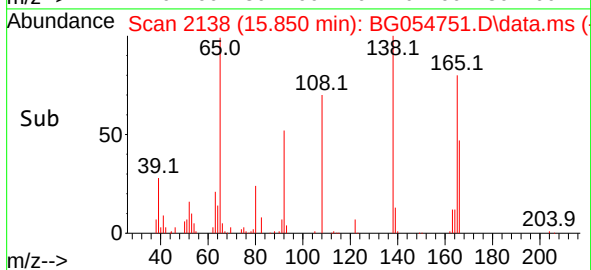
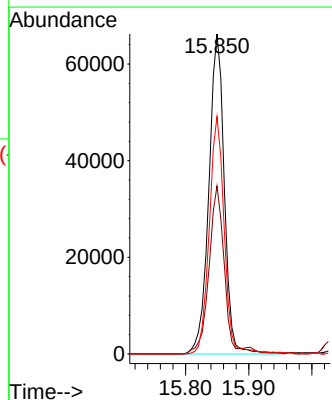
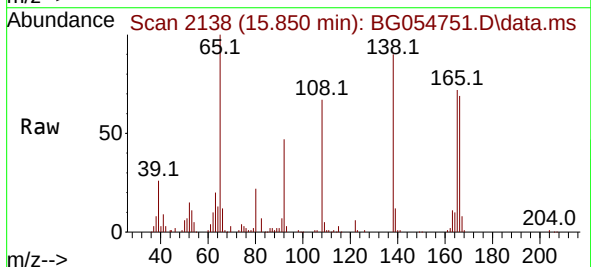
Instrument :
BNA_G
ClientSampleId :
PB147143BS

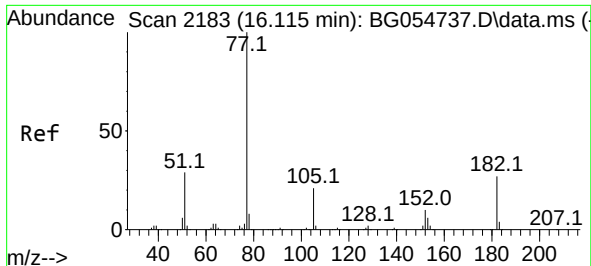
Tgt Ion:204 Resp: 227893
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 55.1 44.9 67.3



#62
4-Nitroaniline
Concen: 45.042 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:138 Resp: 112456
Ion Ratio Lower Upper
138 100
92 52.5 34.7 74.7
108 74.2 56.2 96.2

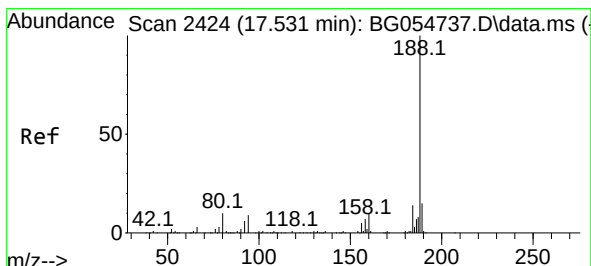
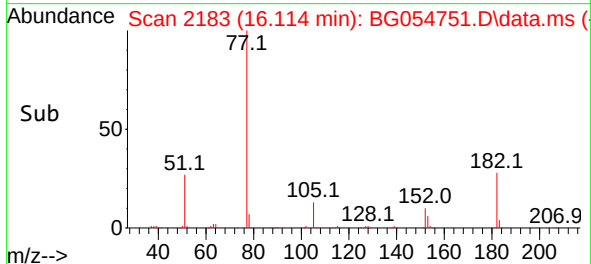
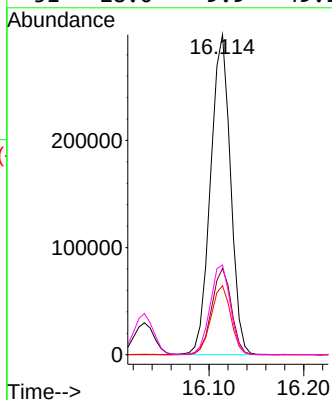
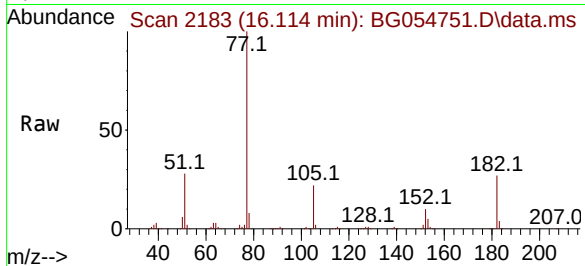




#63
Azobenzene
Concen: 43.046 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

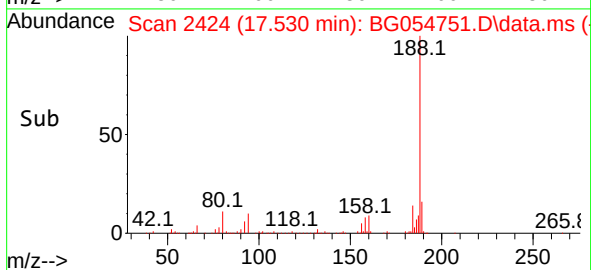
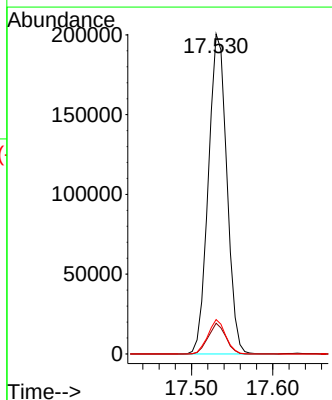
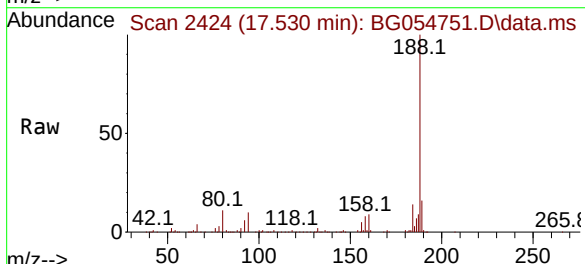
Instrument :
BNA_G
ClientSampleId :
PB147143BS

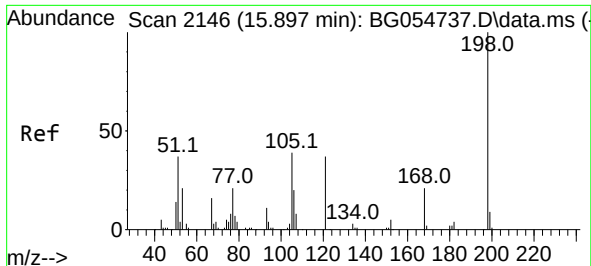
Tgt Ion: 77	Resp: 436286
Ion Ratio	Lower Upper
77 100	
182 26.9	5.1 45.1
105 21.6	0.7 40.7
51 28.0	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:188	Resp: 316206		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.0	10.4	
80 10.7	7.9	11.9	

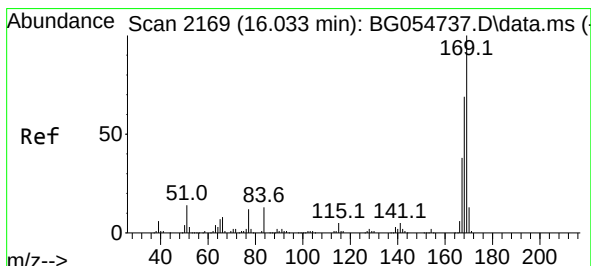
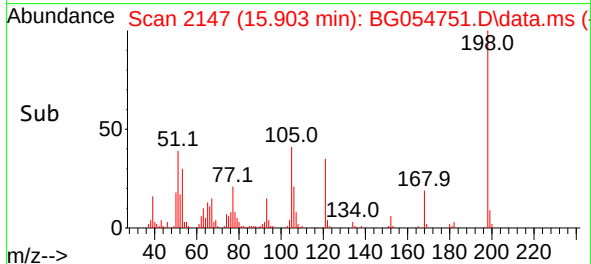
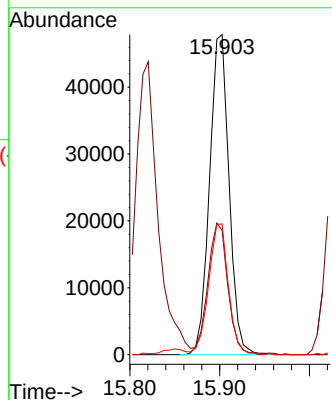
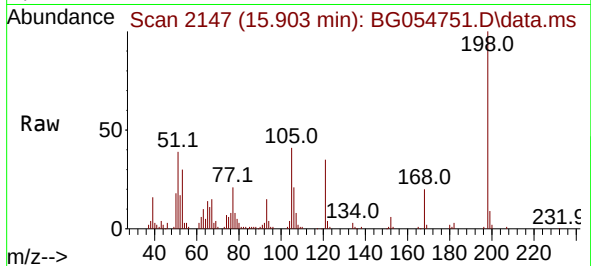




#65
4,6-Dinitro-2-methylphenol
Concen: 44.812 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

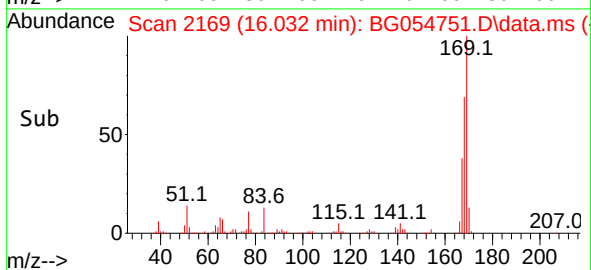
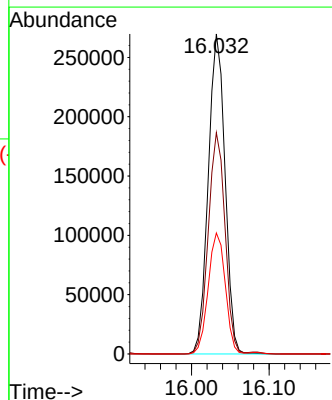
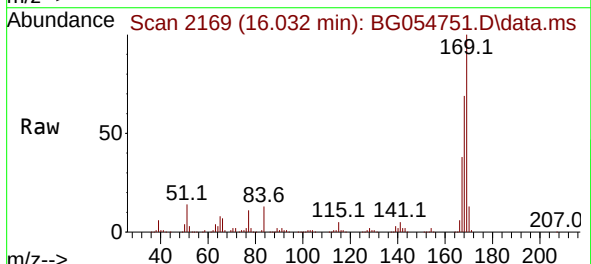
Instrument :
BNA_G
ClientSampleId :
PB147143BS

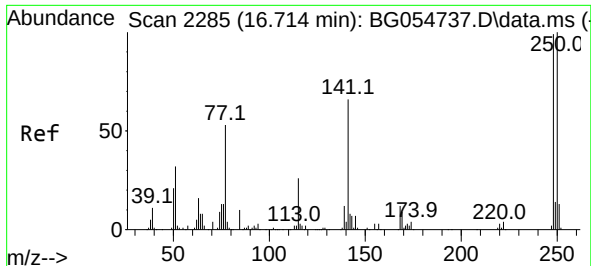
Tgt Ion:198 Resp: 72128
Ion Ratio Lower Upper
198 100
51 38.8 19.9 59.9
105 40.9 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 44.400 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:169 Resp: 404876
Ion Ratio Lower Upper
169 100
168 69.2 55.6 83.4
167 37.8 30.9 46.3

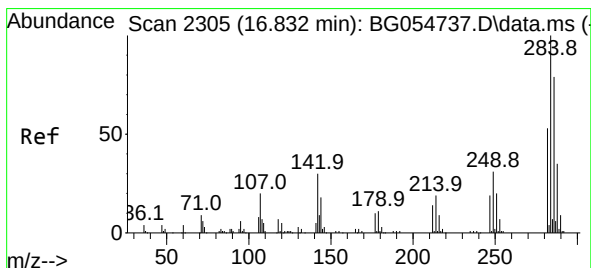
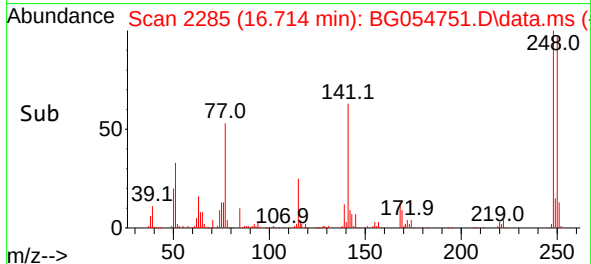
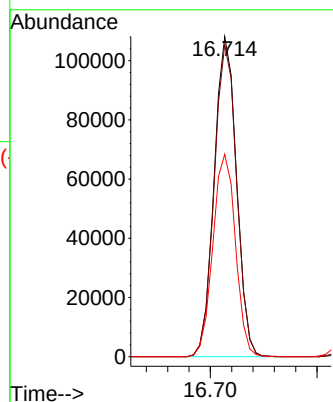
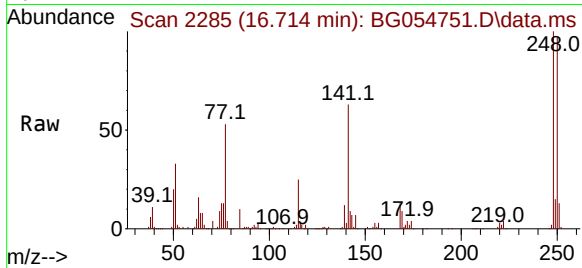




#67
4-Bromophenyl-phenylether
Concen: 45.193 ng
RT: 16.714 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

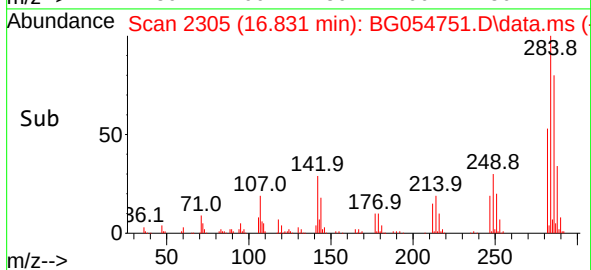
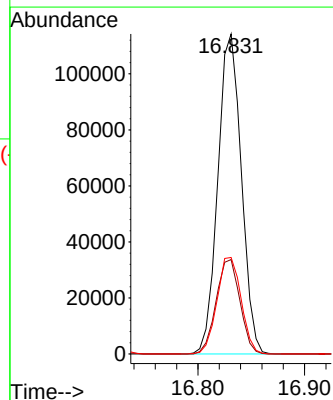
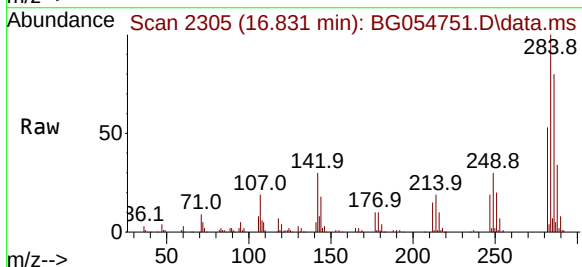
Instrument :
BNA_G
ClientSampleId :
PB147143BS

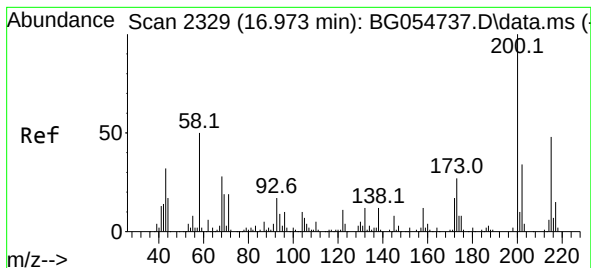
Tgt Ion:248 Resp: 156896
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 63.3 51.9 77.9



#68
Hexachlorobenzene
Concen: 44.712 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:284 Resp: 174499
Ion Ratio Lower Upper
284 100
142 29.5 25.0 37.6
249 30.2 24.5 36.7





#69

Atrazine

Concen: 47.081 ng

RT: 16.972 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

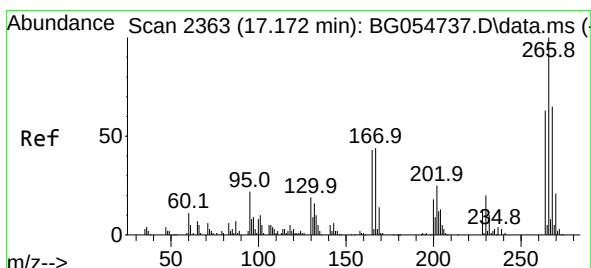
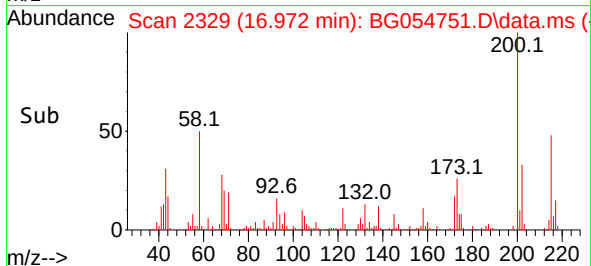
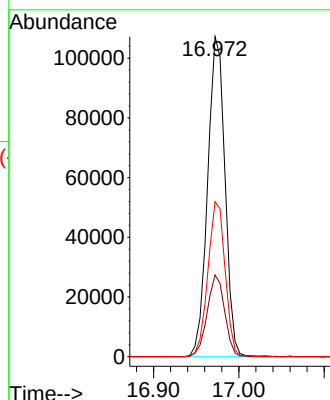
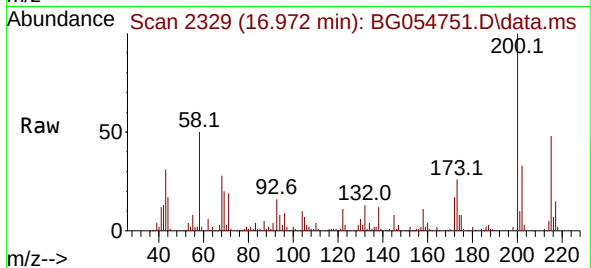
Tgt Ion:200 Resp: 151461

Ion Ratio Lower Upper

200 100

173 25.6 5.6 45.6

215 48.5 28.2 68.2



#70

Pentachlorophenol

Concen: 94.890 ng

RT: 17.172 min Scan# 2363

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

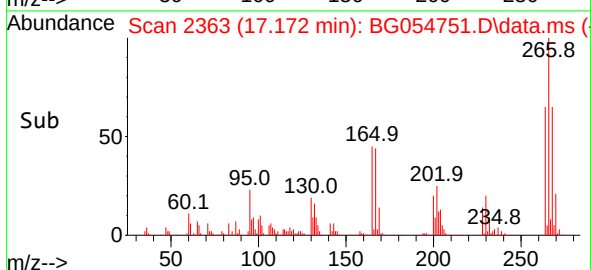
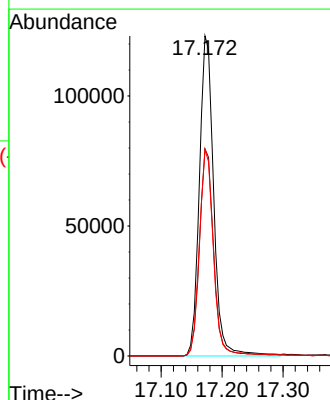
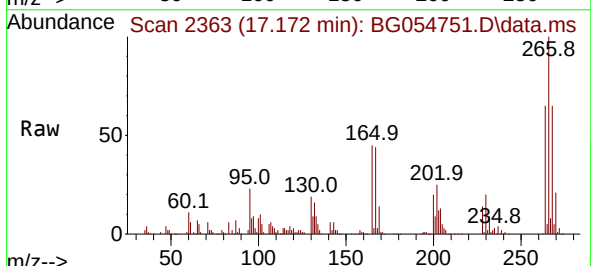
Tgt Ion:266 Resp: 201215

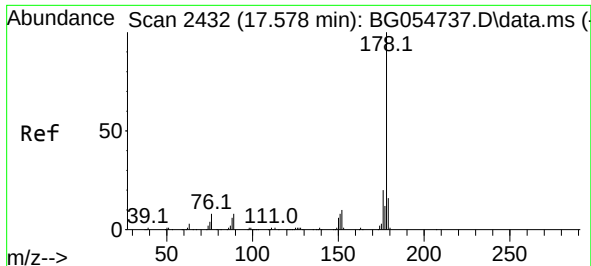
Ion Ratio Lower Upper

266 100

268 64.7 51.2 76.8

264 64.5 49.4 74.0

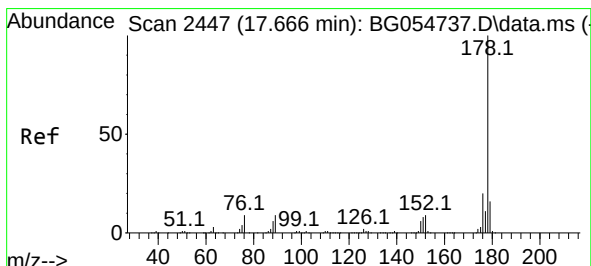
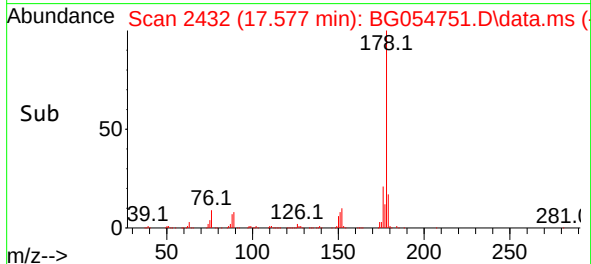
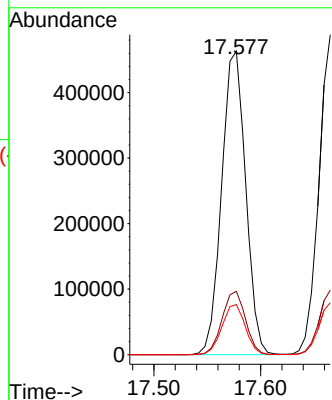
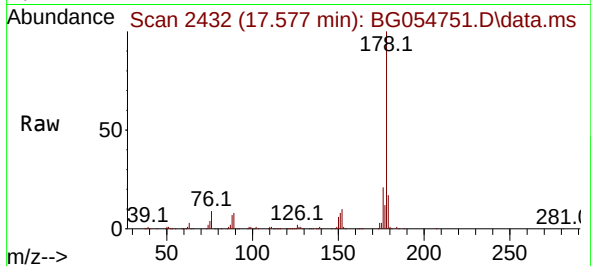




#71
Phenanthrene
Concen: 42.983 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

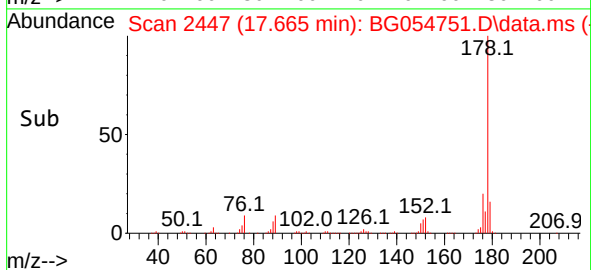
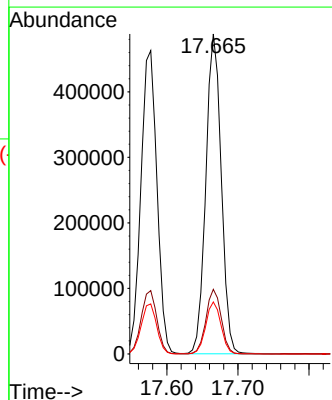
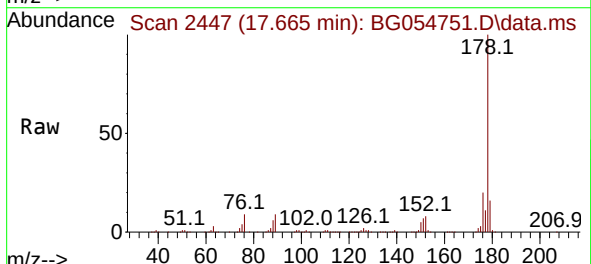
Instrument :
BNA_G
ClientSampleId :
PB147143BS

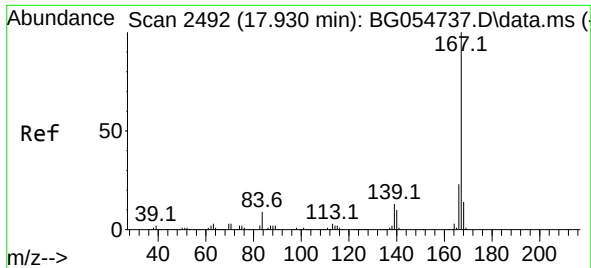
Tgt Ion:178 Resp: 724024
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.5 12.8 19.2



#72
Anthracene
Concen: 44.991 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:178 Resp: 736804
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.3 12.9 19.3

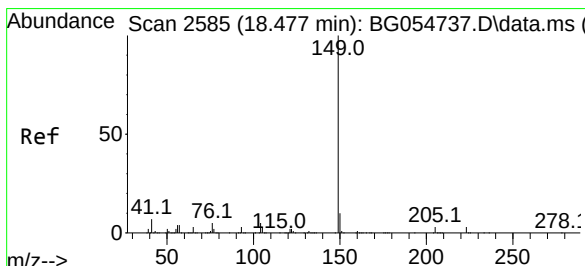
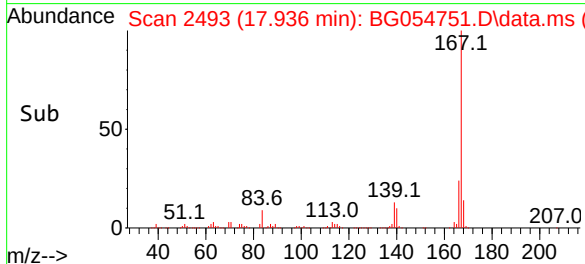
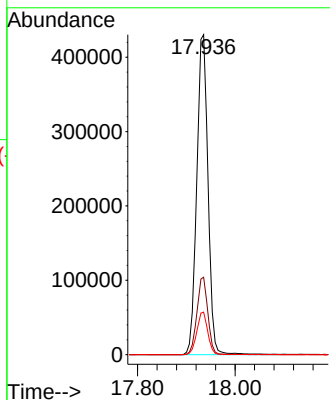
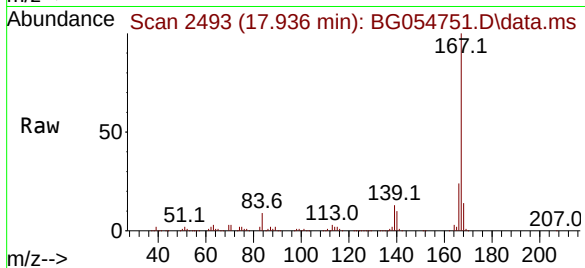




#73
Carbazole
Concen: 45.970 ng
RT: 17.936 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

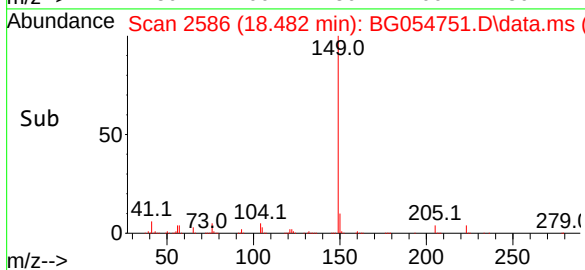
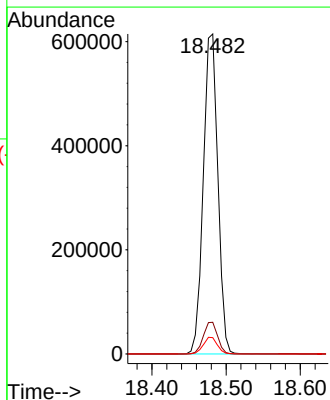
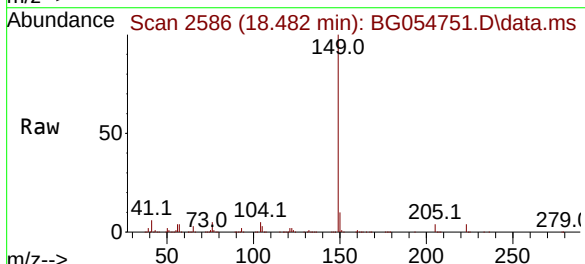
Instrument :
BNA_G
ClientSampleId :
PB147143BS

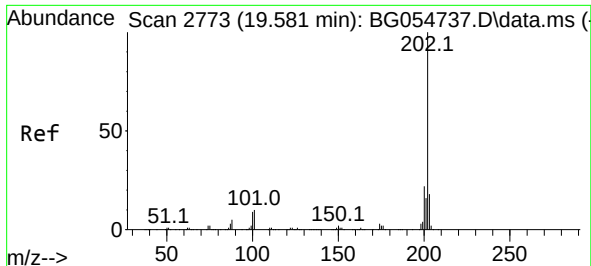
Tgt Ion:167 Resp: 693623
Ion Ratio Lower Upper
167 100
166 24.2 18.8 28.2
139 13.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 43.989 ng
RT: 18.482 min Scan# 2586
Delta R.T. 0.005 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:149 Resp: 839896
Ion Ratio Lower Upper
149 100
150 9.9 8.0 12.0
104 5.1 4.4 6.6

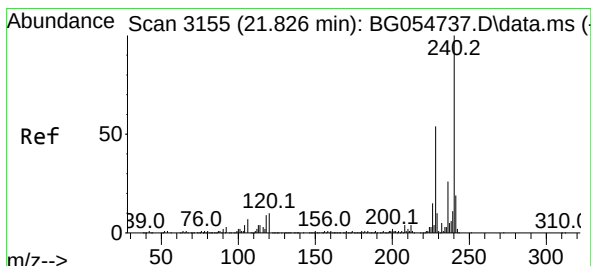
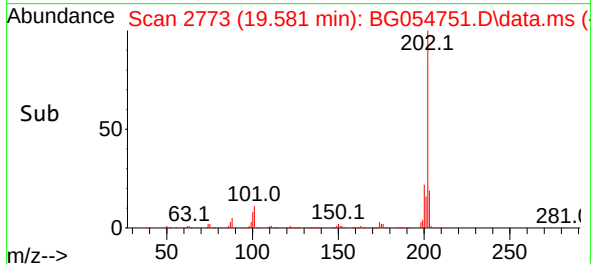
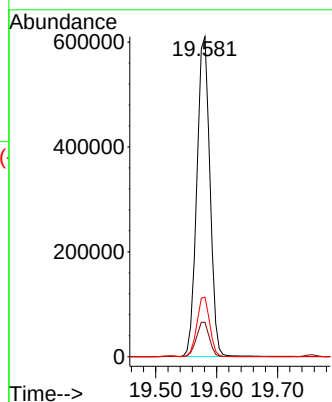
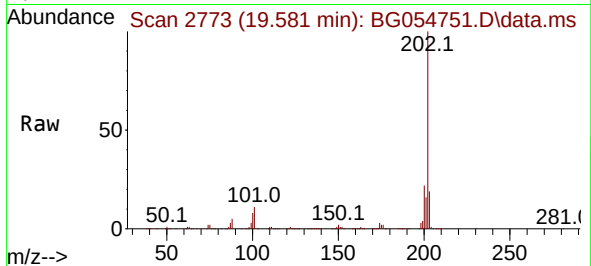




#75
Fluoranthene
Concen: 44.253 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

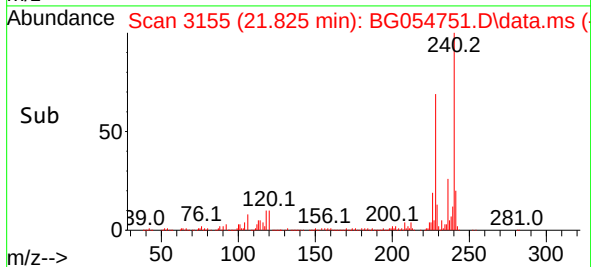
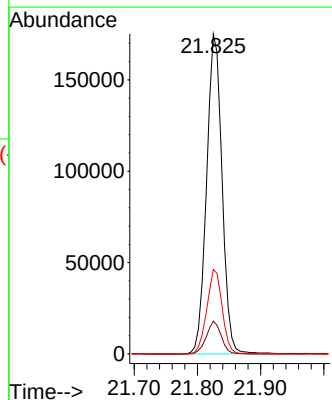
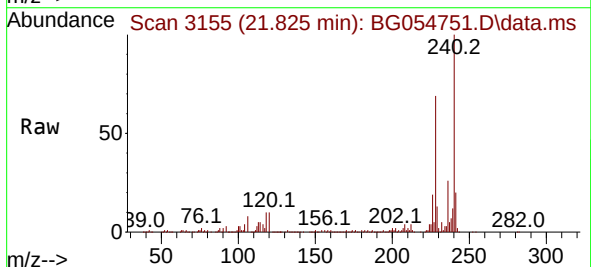
Instrument :
BNA_G
ClientSampleId :
PB147143BS

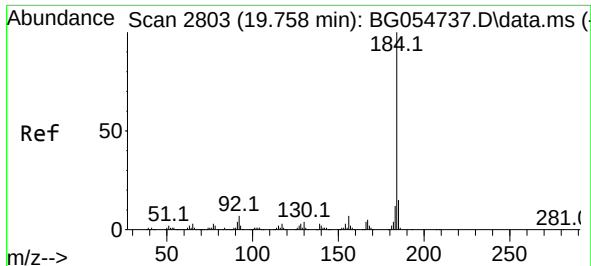
Tgt Ion:202 Resp: 906799
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:240 Resp: 297355
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.4 21.2 31.8

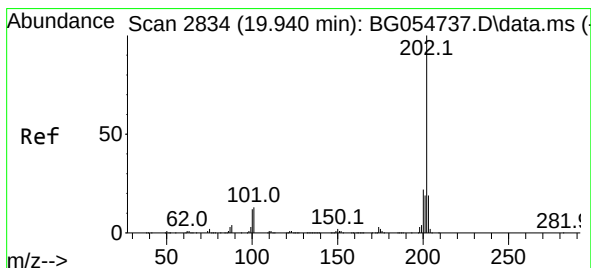
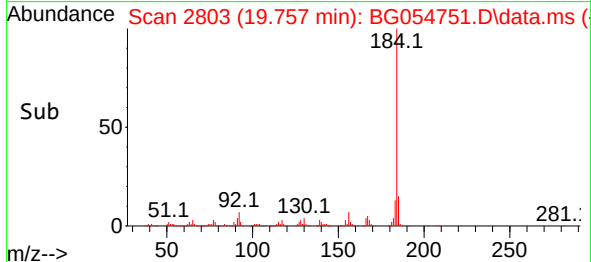
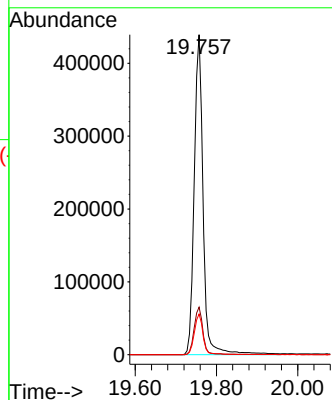
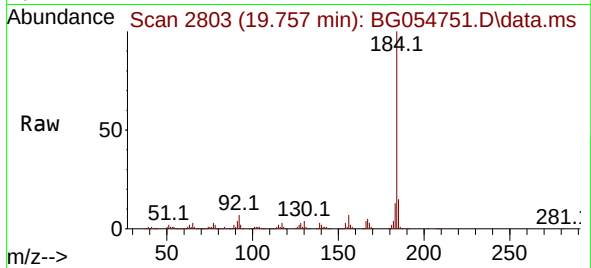




#77
Benzidine
Concen: 91.143 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

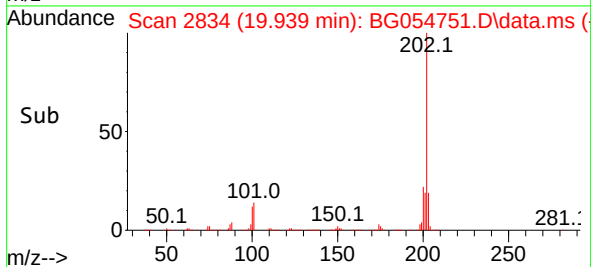
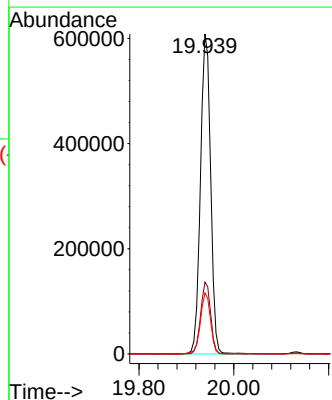
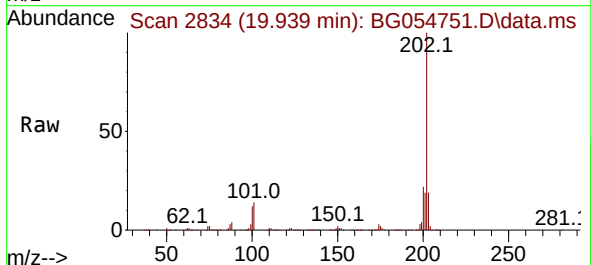
Instrument :
BNA_G
ClientSampleId :
PB147143BS

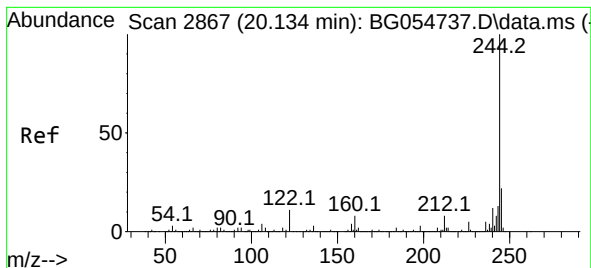
Tgt Ion:184 Resp: 671279
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 12.7 9.8 14.8



#78
Pyrene
Concen: 43.718 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:202 Resp: 906467
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 19.1 14.6 21.8





#79

Terphenyl-d14

Concen: 88.601 ng

RT: 20.133 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

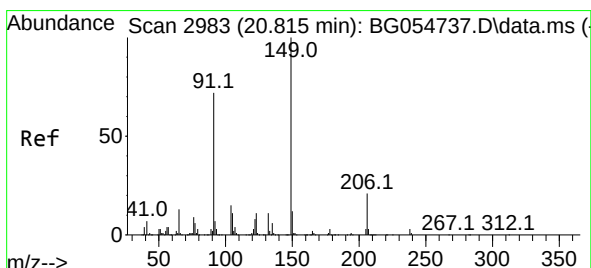
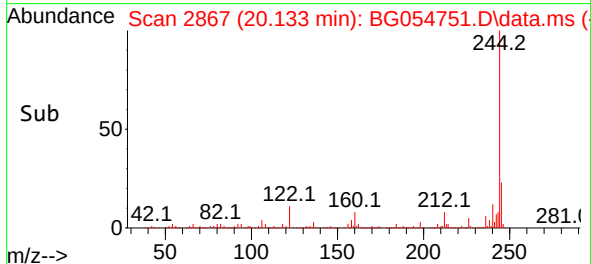
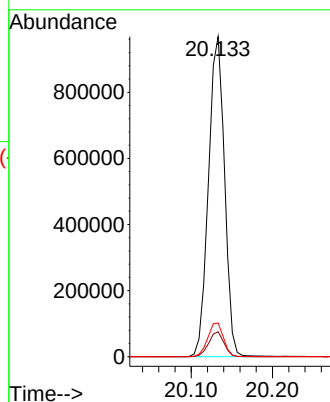
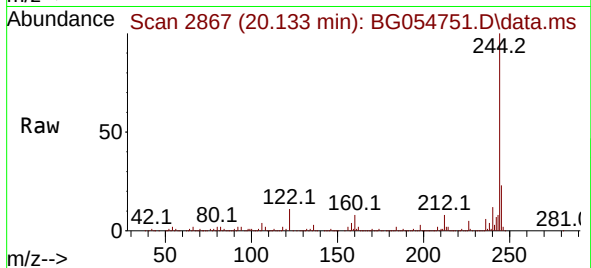
Tgt Ion:244 Resp: 1329670

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.6 9.0 13.6



#80

Butylbenzylphthalate

Concen: 43.296 ng

RT: 20.815 min Scan# 2983

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

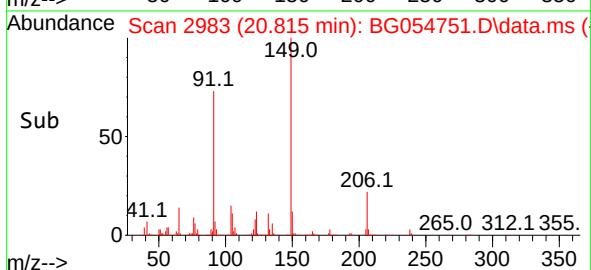
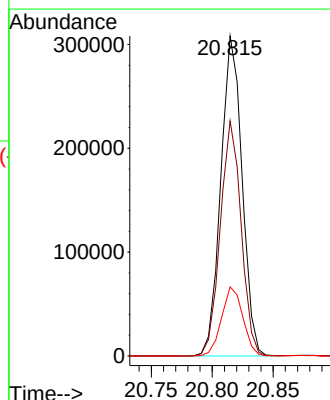
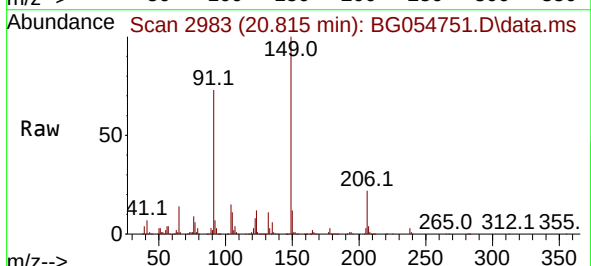
Tgt Ion:149 Resp: 374454

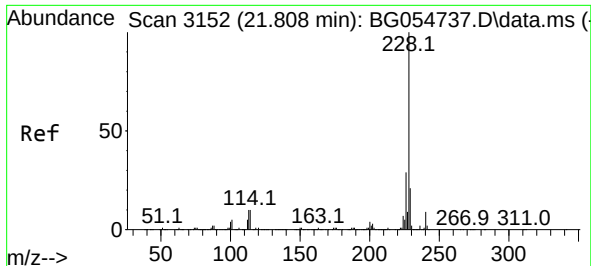
Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

206 21.6 16.6 25.0

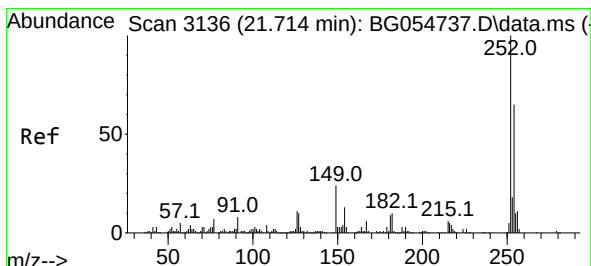
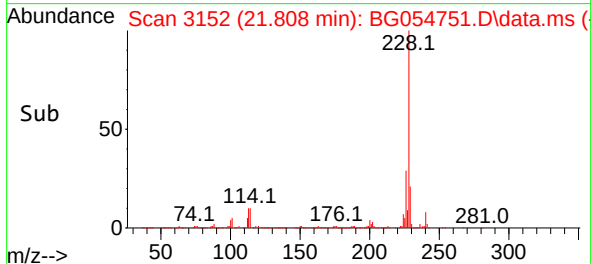
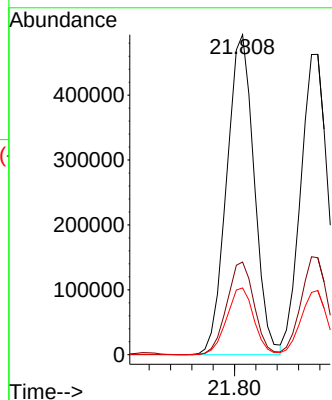
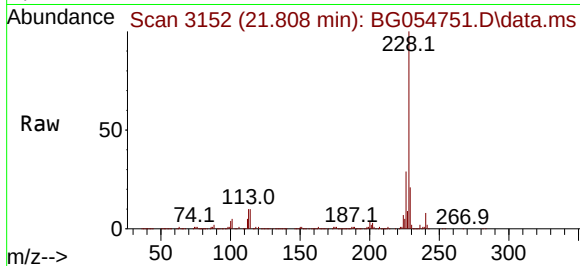




#81
Benzo(a)anthracene
Concen: 43.864 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

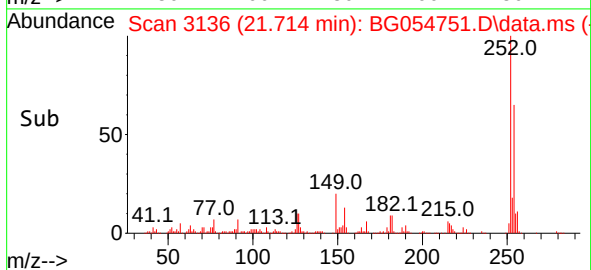
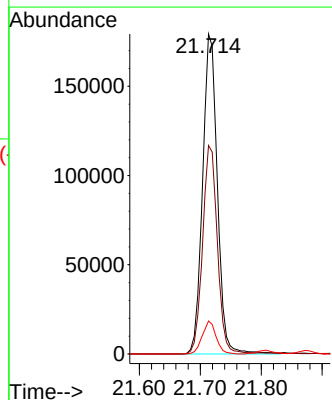
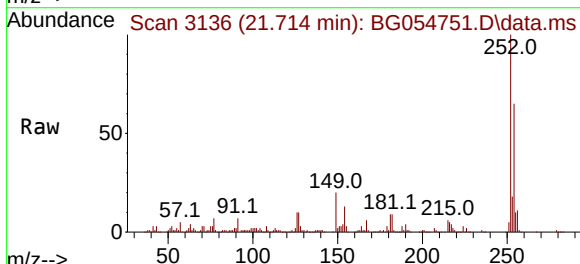
Instrument :
BNA_G
ClientSampleId :
PB147143BS

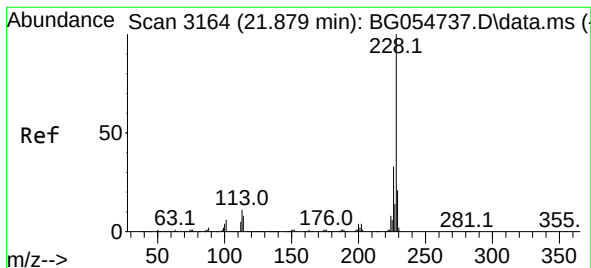
Tgt Ion:228 Resp: 884355
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 20.9 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 42.787 ng
RT: 21.714 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:252 Resp: 302451
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 10.3 8.2 12.2





#83

Chrysene

Concen: 42.859 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

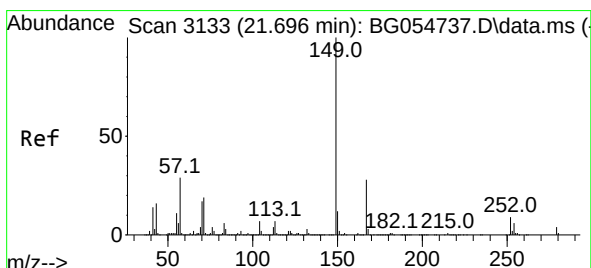
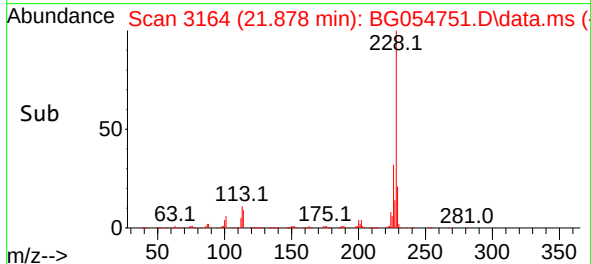
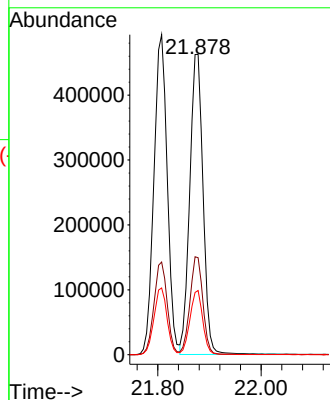
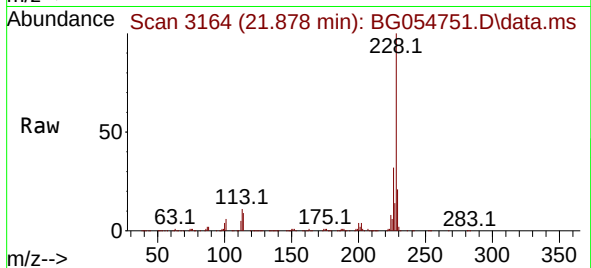
Tgt Ion:228 Resp: 826203

Ion Ratio Lower Upper

228 100

226 32.3 25.5 38.3

229 21.4 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.279 ng

RT: 21.696 min Scan# 3133

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

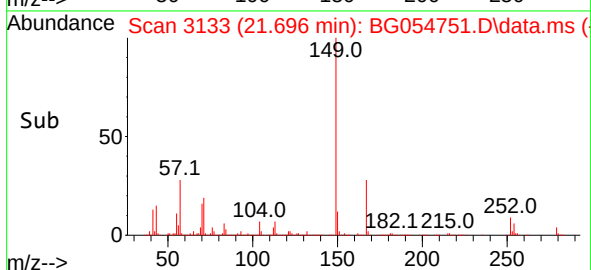
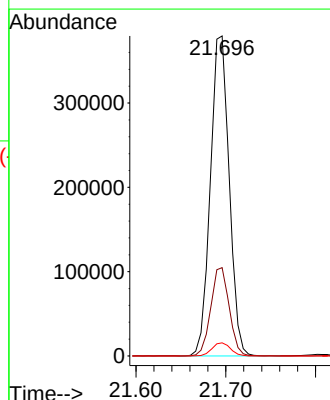
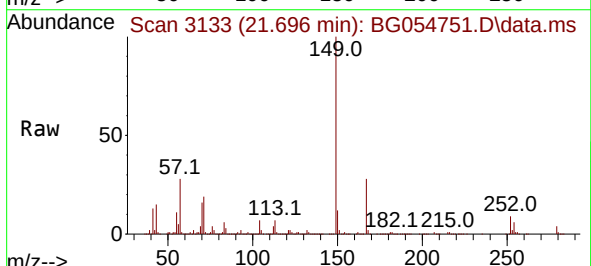
Tgt Ion:149 Resp: 551742

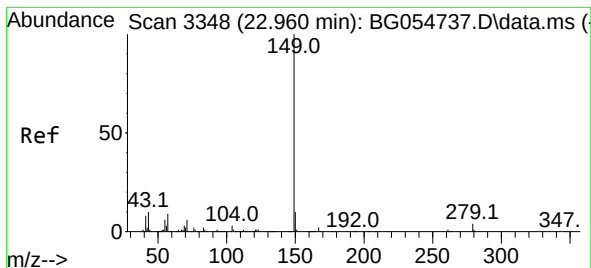
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 44.220 ng

RT: 22.959 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

Instrument :

BNA_G

ClientSampleId :

PB147143BS

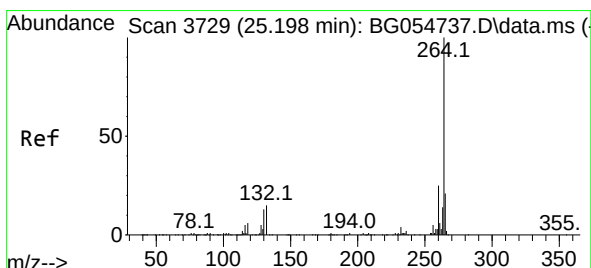
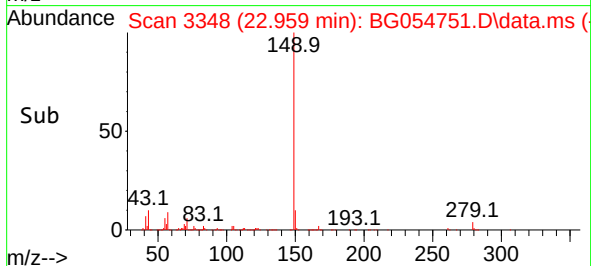
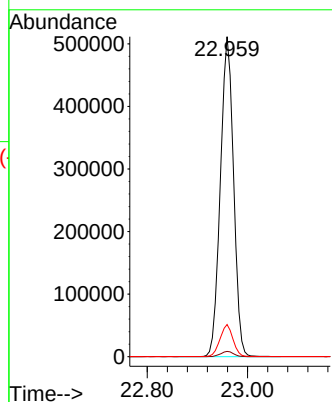
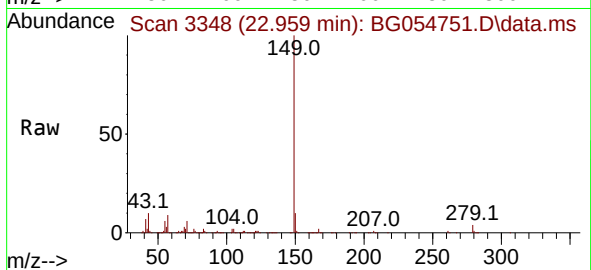
Tgt Ion:149 Resp: 934432

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.192 min Scan# 3728

Delta R.T. -0.006 min

Lab File: BG054751.D

Acq: 26 Aug 2022 11:18

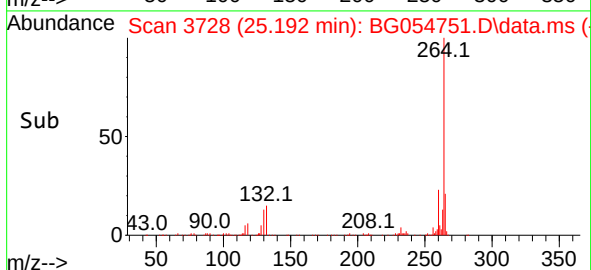
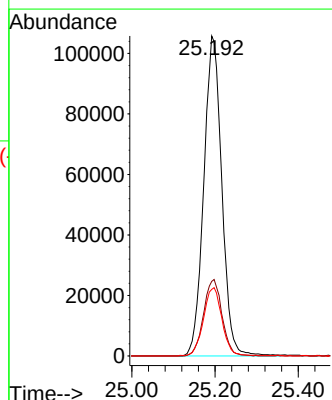
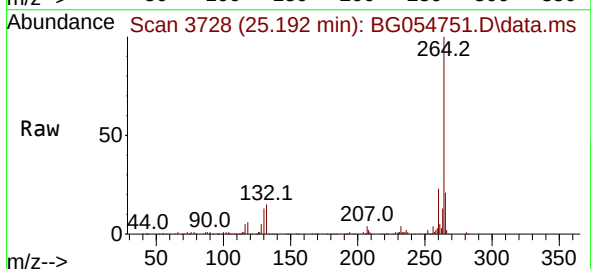
Tgt Ion:264 Resp: 318525

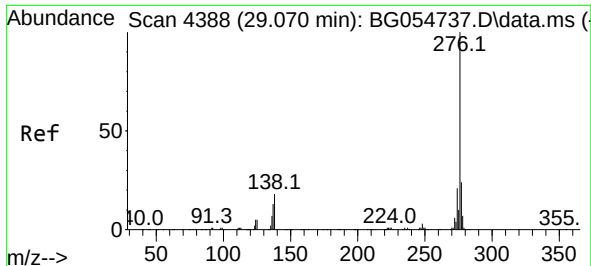
Ion Ratio Lower Upper

264 100

260 23.3 19.9 29.9

265 20.8 16.9 25.3

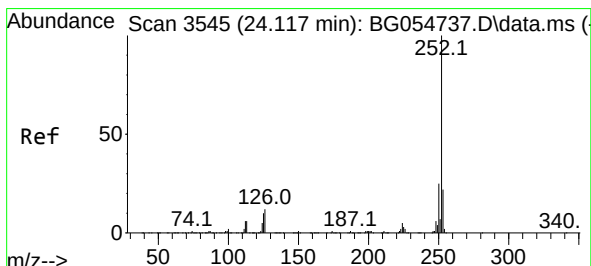
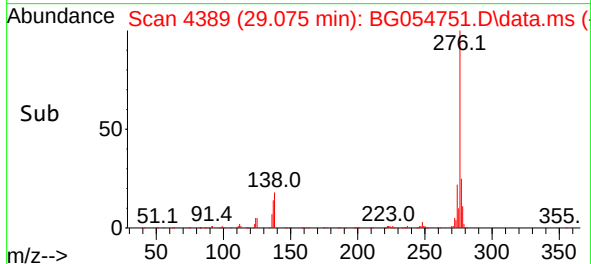
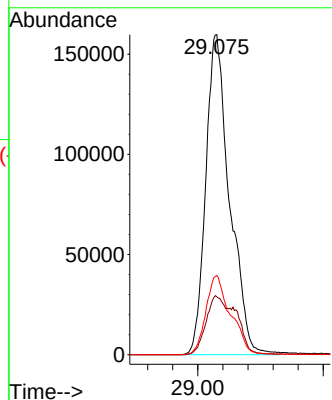
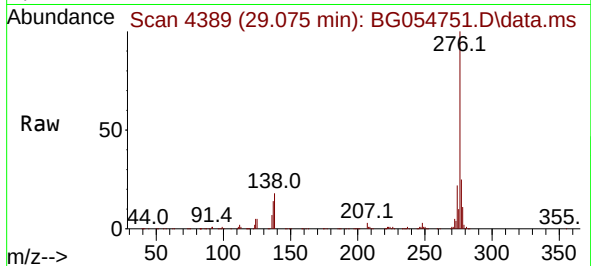




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.681 ng
 RT: 29.075 min Scan# 41
 Delta R.T. 0.005 min
 Lab File: BG054751.D
 Acq: 26 Aug 2022 11:18

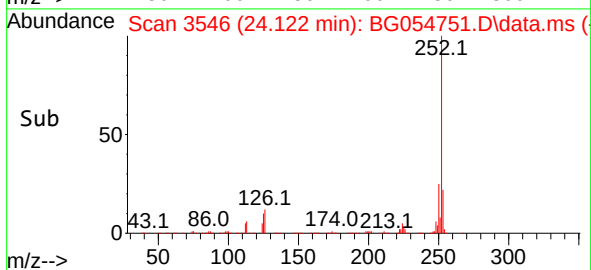
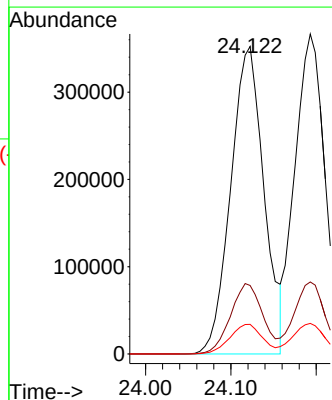
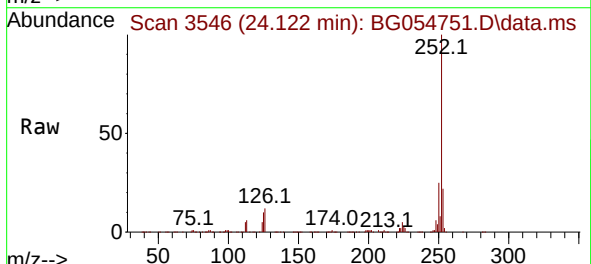
Instrument :
 BNA_G
 ClientSampleId :
 PB147143BS

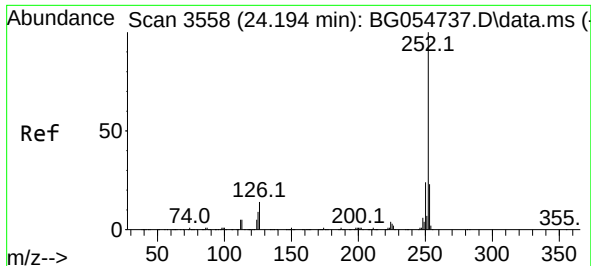
Tgt Ion:276 Resp: 1056271
 Ion Ratio Lower Upper
 276 100
 138 15.4 12.0 18.0
 277 25.6 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 47.729 ng
 RT: 24.122 min Scan# 3546
 Delta R.T. 0.005 min
 Lab File: BG054751.D
 Acq: 26 Aug 2022 11:18

Tgt Ion:252 Resp: 953683
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 9.6 8.1 12.1

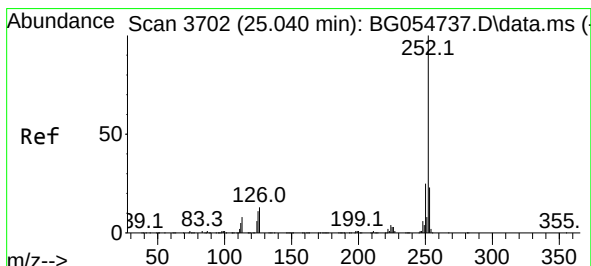
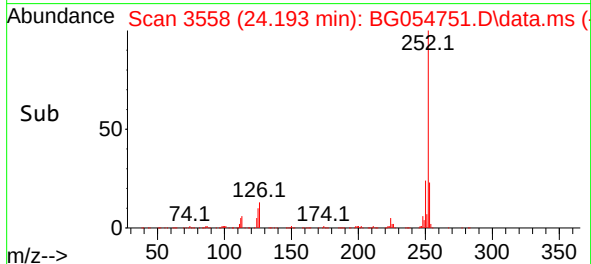
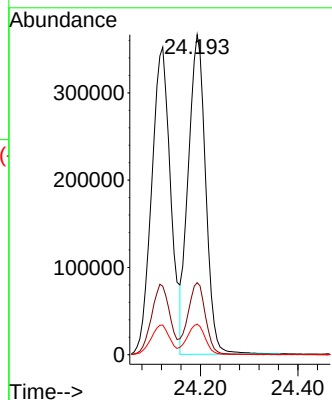
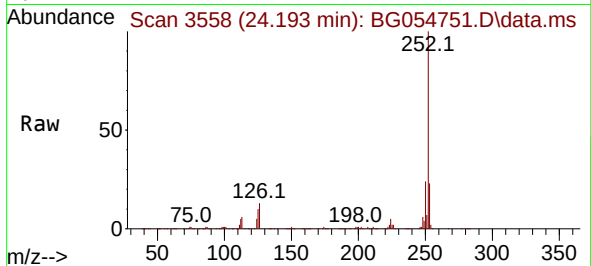




#89
Benzo(k)fluoranthene
Concen: 45.060 ng
RT: 24.193 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

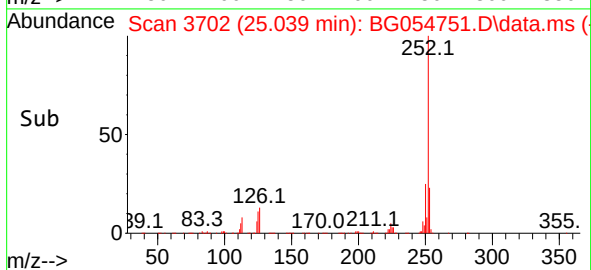
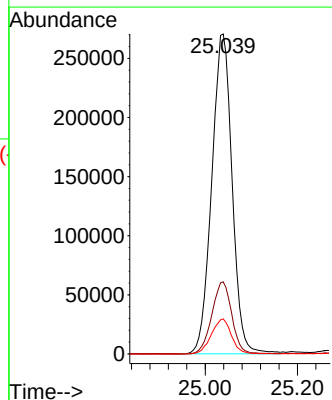
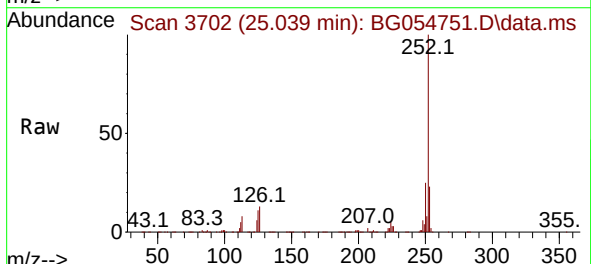
Instrument :
BNA_G
ClientSampleId :
PB147143BS

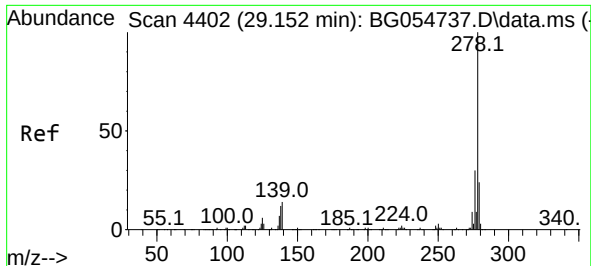
Tgt Ion:252 Resp: 906127
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 48.549 ng
RT: 25.039 min Scan# 3702
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:252 Resp: 828791
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 10.9 8.8 13.2

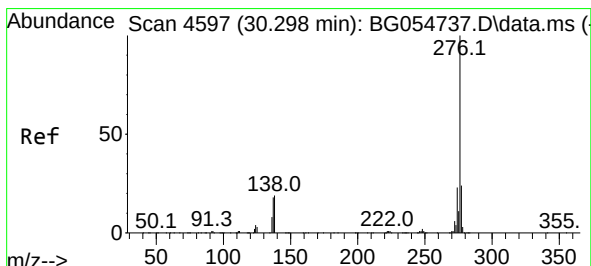
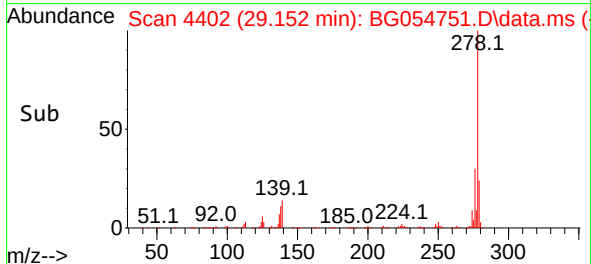
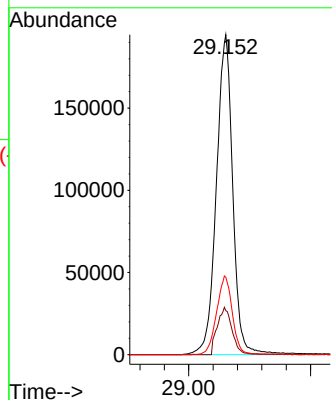
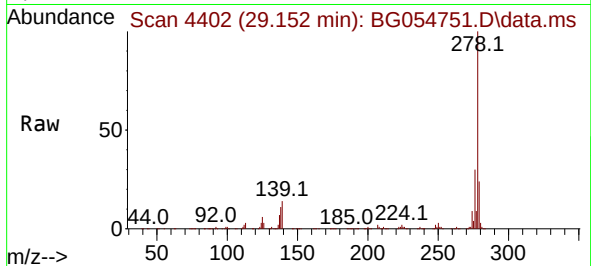




#91
Dibenzo(a,h)anthracene
Concen: 46.102 ng
RT: 29.152 min Scan# 4402
Delta R.T. -0.001 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Instrument :
BNA_G
ClientSampleId :
PB147143BS

Tgt Ion:278 Resp: 908230
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 24.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 45.397 ng
RT: 30.286 min Scan# 4595
Delta R.T. -0.012 min
Lab File: BG054751.D
Acq: 26 Aug 2022 11:18

Tgt Ion:276 Resp: 903500
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 20.1 16.6 25.0

