

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054803.D
 Acq On : 31 Aug 2022 12:20
 Operator : CG/JU
 Sample : PB147287BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

Quant Time: Sep 01 04:59:37 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	8.153	152	42263	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	178380	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	118818	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	270945	20.000	ng	0.00
76) Chrysene-d12	21.831	240	254772	20.000	ng	0.00
86) Perylene-d12	25.203	264	275431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	368766	151.943	ng	0.00
7) Phenol-d6	7.301	99	476743	143.635	ng	0.00
23) Nitrobenzene-d5	9.328	82	286209	84.230	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	210188	141.569	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	667638	84.454	ng	0.00
79) Terphenyl-d14	20.133	244	1168247	90.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	38418	33.150	ng	97
3) Pyridine	3.940	79	109289	33.809	ng	96
4) n-Nitrosodimethylamine	3.858	42	61360	43.912	ng	94
6) Aniline	7.471	93	188393	47.772	ng	98
8) 2-Chlorophenol	7.712	128	140035	52.811	ng	98
9) Benzaldehyde	7.283	77	68883	31.664	ng	97
10) Phenol	7.330	94	168767	49.443	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	127902	46.591	ng	96
12) 1,3-Dichlorobenzene	8.041	146	147436	48.047	ng	98
13) 1,4-Dichlorobenzene	8.188	146	148583	48.004	ng	97
14) 1,2-Dichlorobenzene	8.505	146	144909	49.374	ng	97
15) Benzyl Alcohol	8.388	79	120081	50.078	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.681	45	193413	45.026	ng	99
17) 2-Methylphenol	8.587	107	117051	49.806	ng	98
18) Hexachloroethane	9.245	117	52307	46.603	ng	95
19) n-Nitroso-di-n-propyla...	8.958	70	103227	45.226	ng	97
20) 3+4-Methylphenols	8.916	107	159341	48.894	ng	98
22) Acetophenone	8.981	105	202669	45.414	ng	# 97
24) Nitrobenzene	9.369	77	147199	42.979	ng	97
25) Isophorone	9.892	82	284203	44.857	ng	98
26) 2-Nitrophenol	10.080	139	73906	48.852	ng	96
27) 2,4-Dimethylphenol	10.133	122	127301	53.108	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	171898	47.614	ng	99
29) 2,4-Dichlorophenol	10.620	162	129576	47.526	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	141322	45.358	ng	99
31) Naphthalene	11.026	128	418082	43.685	ng	99
32) Benzoic acid	10.285	122	37908	26.354	ng	98
33) 4-Chloroaniline	11.131	127	151323	38.784	ng	98
34) Hexachlorobutadiene	11.302	225	89871	45.020	ng	99
35) Caprolactam	11.907	113	27896	29.002	ng	93
36) 4-Chloro-3-methylphenol	12.242	107	140625	47.167	ng	99
37) 2-Methylnaphthalene	12.624	142	291714	43.489	ng	98
38) 1-Methylnaphthalene	12.841	142	280280	42.947	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	162834	45.463	ng	99
41) Hexachlorocyclopentadiene	12.965	237	198023	104.251	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	107324	45.144	ng	100

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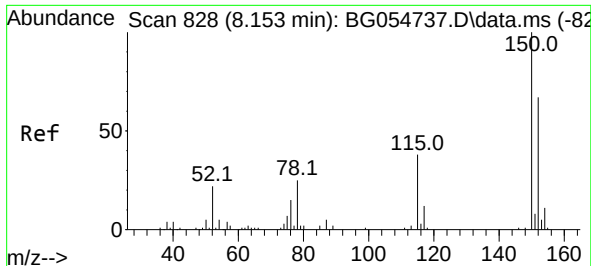
Quant Time: Sep 01 04:59:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	116410	43.602	ng	97
46) 1,1'-Biphenyl	13.623	154	388645	44.047	ng	99
47) 2-Chloronaphthalene	13.670	162	288416	43.040	ng	99
48) 2-Nitroaniline	13.869	65	92093	43.852	ng	96
49) Acenaphthylene	14.510	152	479818	43.391	ng	99
50) Dimethylphthalate	14.234	163	394716	43.120	ng	99
51) 2,6-Dinitrotoluene	14.357	165	85081	45.441	ng	89
52) Acenaphthene	14.851	154	288872	40.668	ng	99
53) 3-Nitroaniline	14.692	138	80665	38.486	ng	93
54) 2,4-Dinitrophenol	14.892	184	83655	79.239	ng	93
55) Dibenzofuran	15.185	168	452769	43.379	ng	99
56) 4-Nitrophenol	14.992	139	149756	92.329	ng	95
57) 2,4-Dinitrotoluene	15.144	165	121247	46.818	ng	# 84
58) Fluorene	15.832	166	376476	42.816	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	104794	43.542	ng	99
60) Diethylphthalate	15.591	149	391174	42.795	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	196241	45.242	ng	98
62) 4-Nitroaniline	15.855	138	93961	43.908	ng	97
63) Azobenzene	16.114	77	354939	40.859	ng	96
65) 4,6-Dinitro-2-methylph...	15.902	198	60004	43.507	ng	99
66) n-Nitrosodiphenylamine	16.032	169	343495	43.961	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	136594	45.918	ng	98
68) Hexachlorobenzene	16.831	284	154676	46.253	ng	97
69) Atrazine	16.978	200	127840	46.377	ng	99
70) Pentachlorophenol	17.177	266	160661	88.422	ng	99
71) Phenanthrene	17.577	178	623675	43.210	ng	100
72) Anthracene	17.665	178	632520	45.075	ng	99
73) Carbazole	17.935	167	587389	45.432	ng	100
74) Di-n-butylphthalate	18.476	149	705960	43.151	ng	99
75) Fluoranthene	19.580	202	773055	44.028	ng	98
77) Benzidine	19.757	184	530581	84.081	ng	99
78) Pyrene	19.945	202	782776	44.063	ng	100
80) Butylbenzylphthalate	20.814	149	314250	42.408	ng	96
81) Benzo(a)anthracene	21.807	228	758086	43.885	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	270546	44.671	ng	97
83) Chrysene	21.878	228	715640	43.328	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	464119	43.473	ng	98
85) Di-n-octyl phthalate	22.953	149	785631	43.393	ng	95
87) Indeno(1,2,3-cd)pyrene	29.087	276	909317	43.488	ng	# 94
88) Benzo(b)fluoranthene	24.122	252	801489	46.388	ng	99
89) Benzo(k)fluoranthene	24.198	252	791859	45.539	ng	99
90) Benzo(a)pyrene	25.045	252	719044	48.710	ng	98
91) Dibenzo(a,h)anthracene	29.157	278	786007	46.141	ng	98
92) Benzo(g,h,i)perylene	30.309	276	776597	45.126	ng	97

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

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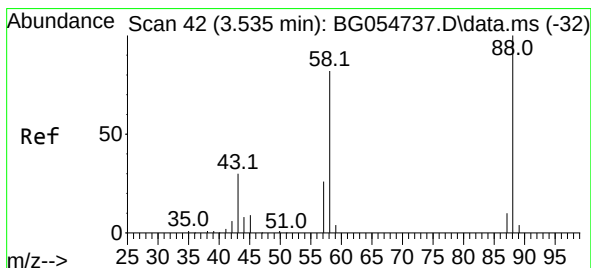
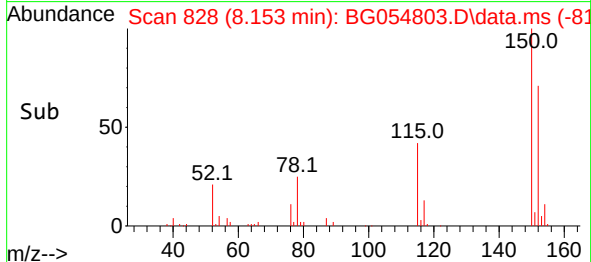
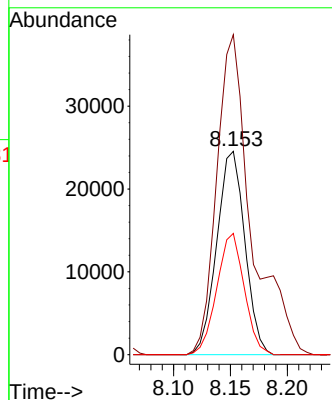
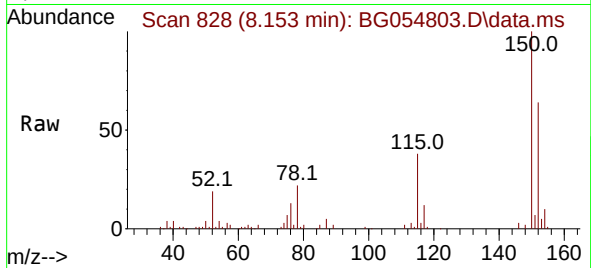




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

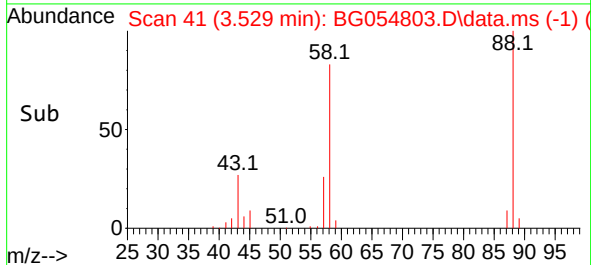
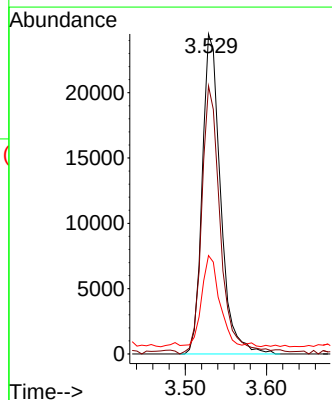
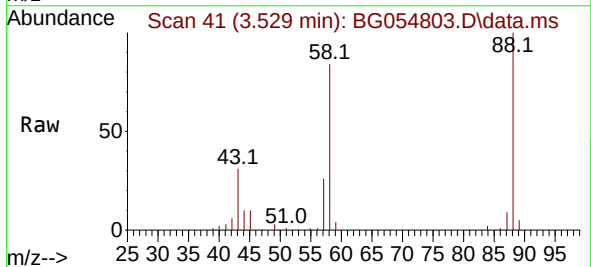
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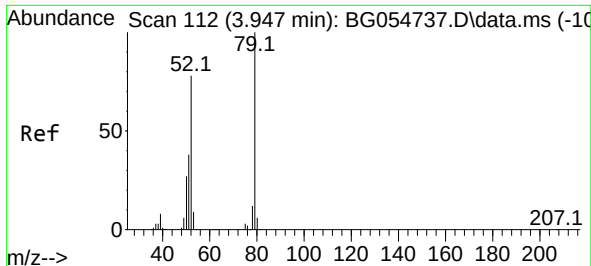
Tgt Ion:152 Resp: 42263
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.2 187.8
 115 59.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 33.150 ng
 RT: 3.529 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

Tgt Ion: 88 Resp: 38418
 Ion Ratio Lower Upper
 88 100
 58 85.5 65.9 98.9
 43 26.7 22.7 34.1

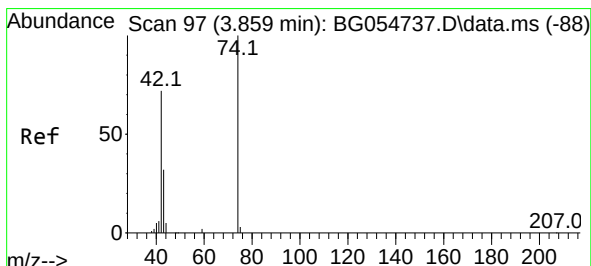
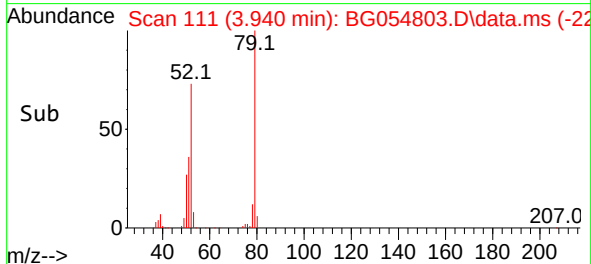
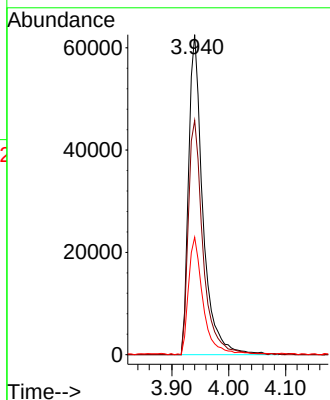
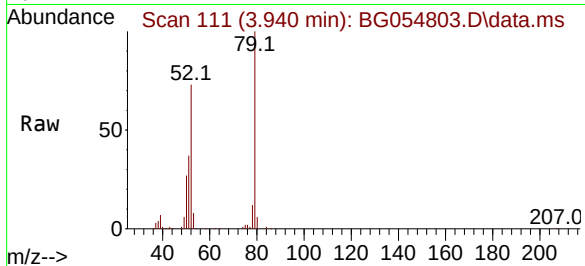




#3
Pyridine
Concen: 33.809 ng
RT: 3.940 min Scan# 112
Delta R.T. -0.007 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

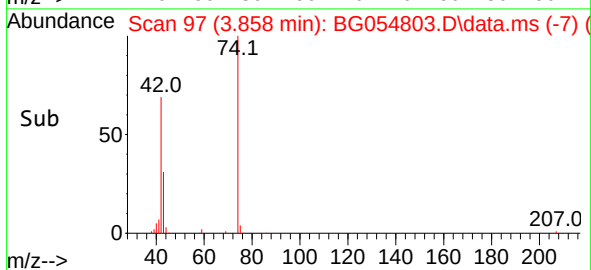
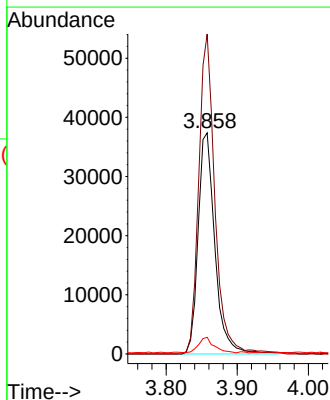
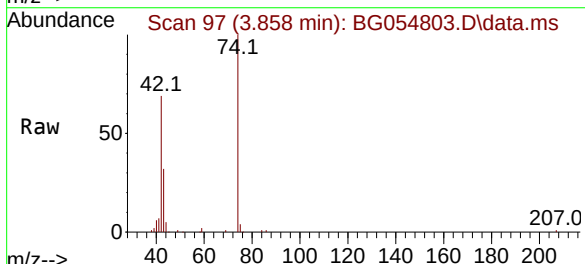
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ClientSampleId :
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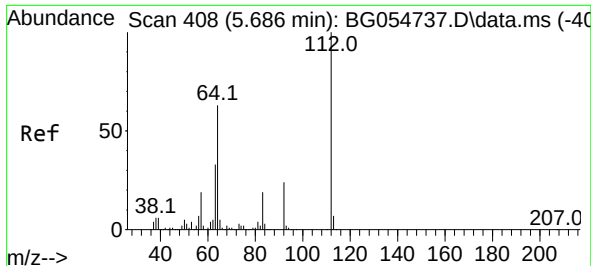
Tgt Ion: 79 Resp: 109289
Ion Ratio Lower Upper
79 100
52 73.2 61.4 92.0
51 36.7 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 43.912 ng
RT: 3.858 min Scan# 97
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion: 42 Resp: 61360
Ion Ratio Lower Upper
42 100
74 144.7 109.6 164.4
44 7.5 5.5 8.3

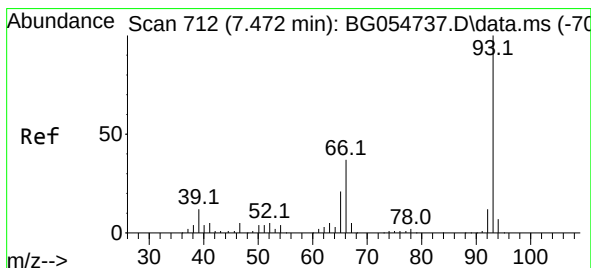
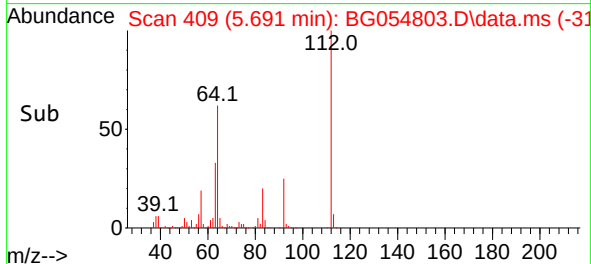
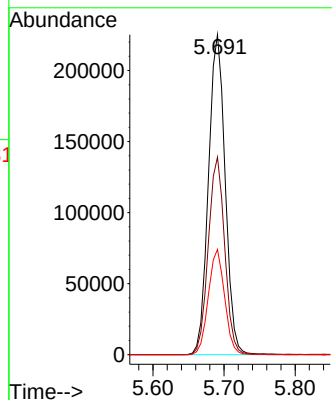
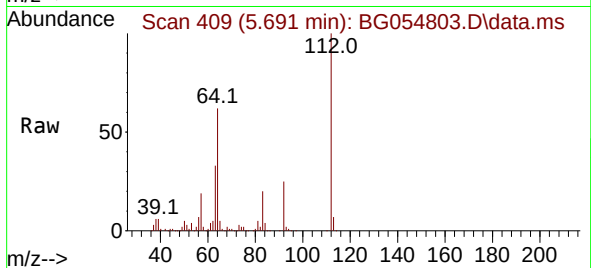




#5
2-Fluorophenol
Concen: 151.943 ng
RT: 5.691 min Scan# 408
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

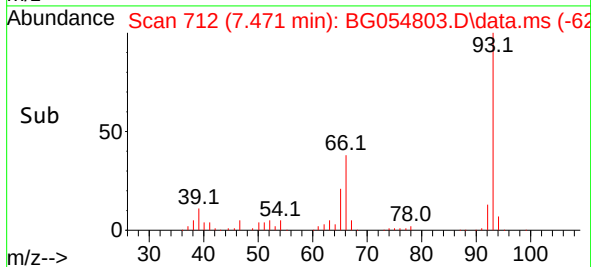
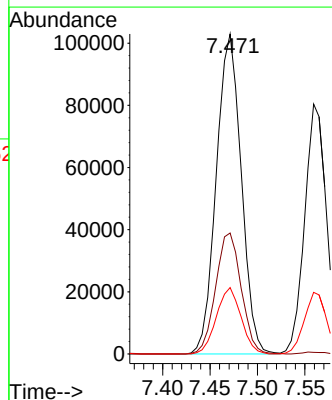
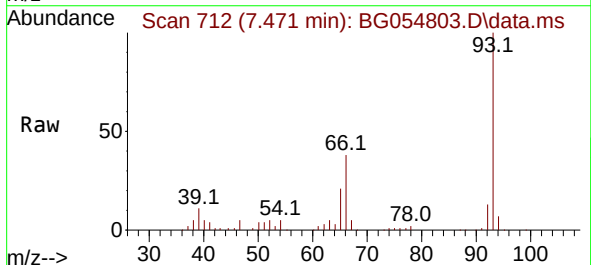
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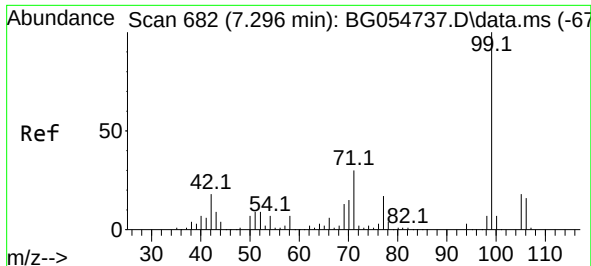
Tgt Ion:112 Resp: 368766
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 32.9 26.3 39.5



#6
Aniline
Concen: 47.772 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion: 93 Resp: 188393
Ion Ratio Lower Upper
93 100
66 37.8 31.8 47.8
65 20.7 16.6 25.0

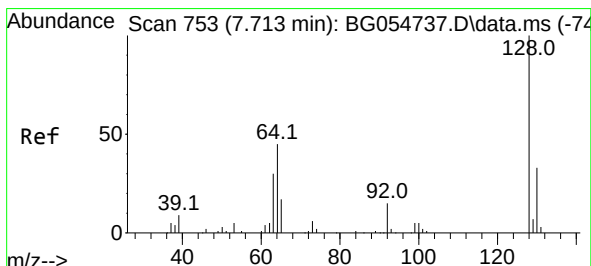
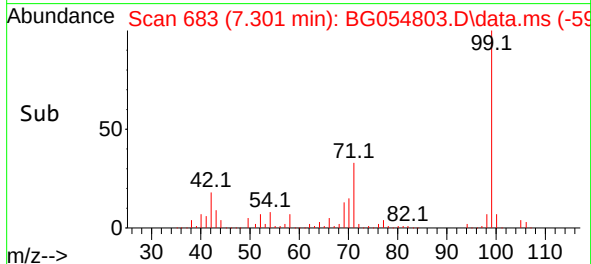
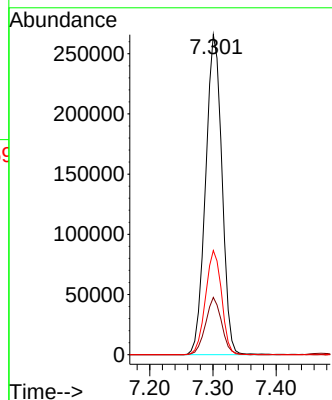
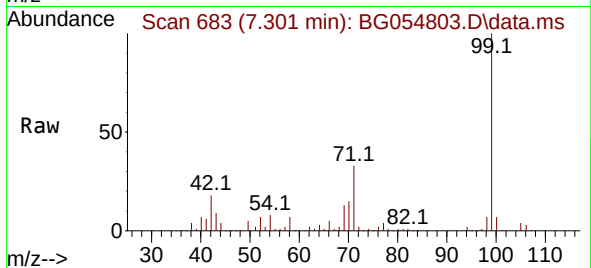




#7
Phenol-d6
Concen: 143.635 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

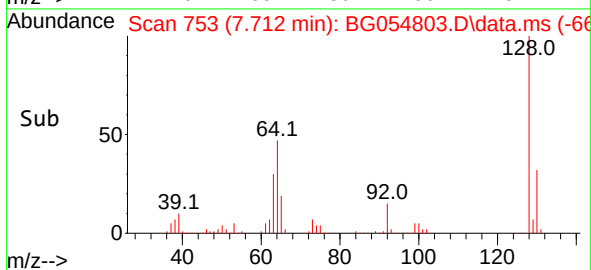
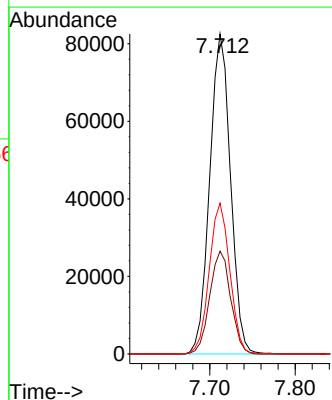
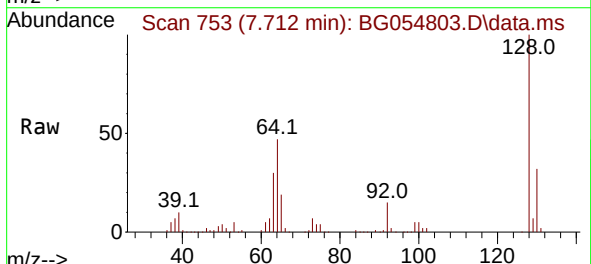
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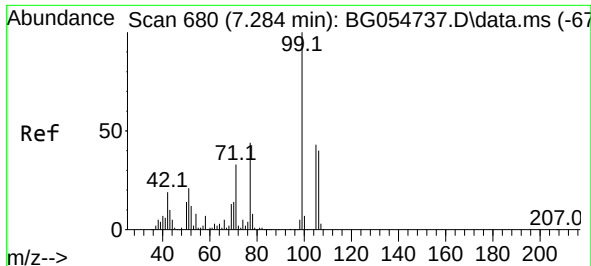
Tgt Ion: 99 Resp: 476743
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 32.5 24.6 37.0



#8
2-Chlorophenol
Concen: 52.811 ng
RT: 7.712 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:128 Resp: 140035
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 47.1 28.6 68.6

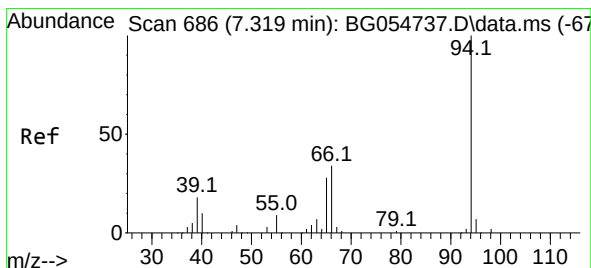
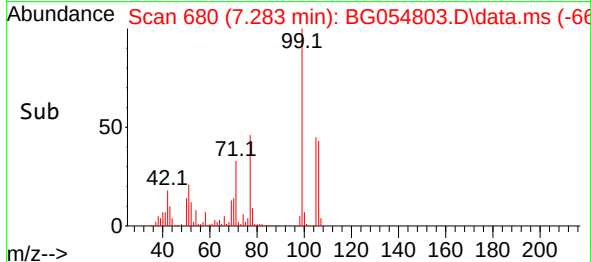
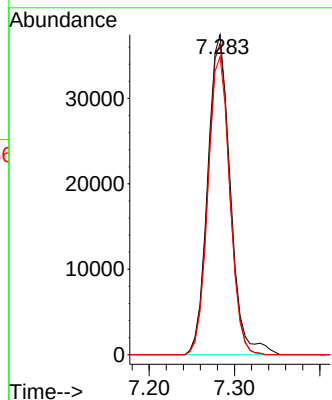
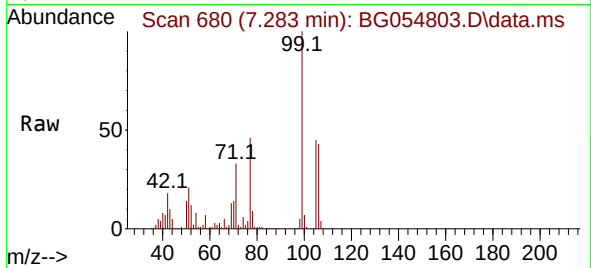




#9
Benzaldehyde
Concen: 31.664 ng
RT: 7.283 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

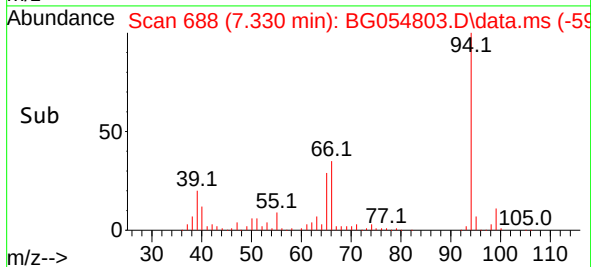
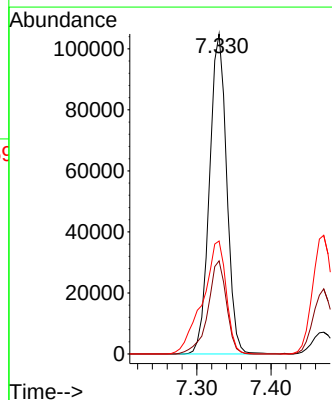
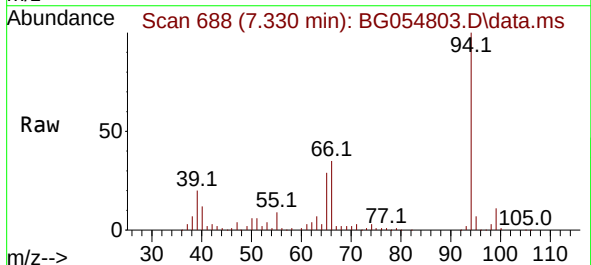
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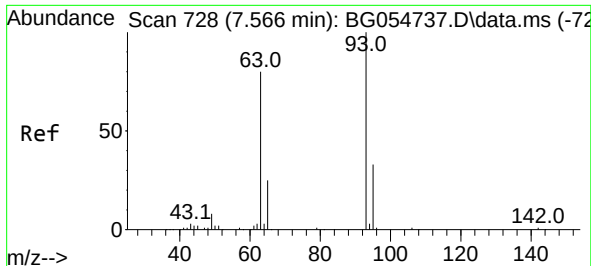
Tgt Ion: 77 Resp: 68883
Ion Ratio Lower Upper
77 100
105 97.2 75.3 115.3
106 93.1 70.2 110.2



#10
Phenol
Concen: 49.443 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.011 min
Lab File: BG054803.D
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Tgt Ion: 94 Resp: 168767
Ion Ratio Lower Upper
94 100
65 29.1 9.9 49.9
66 35.3 16.4 56.4

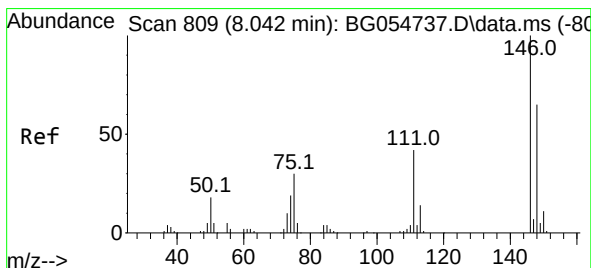
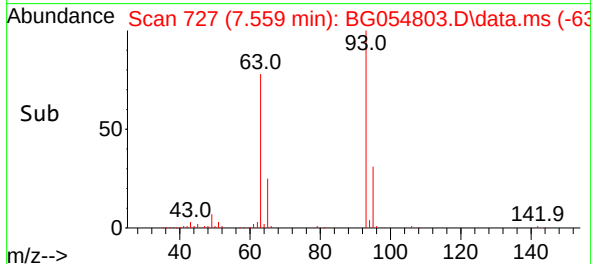
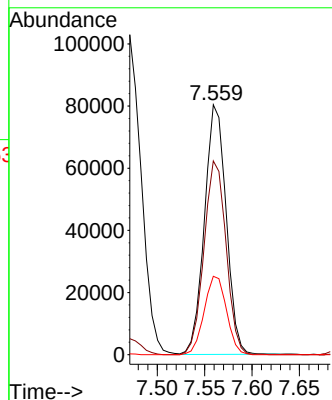
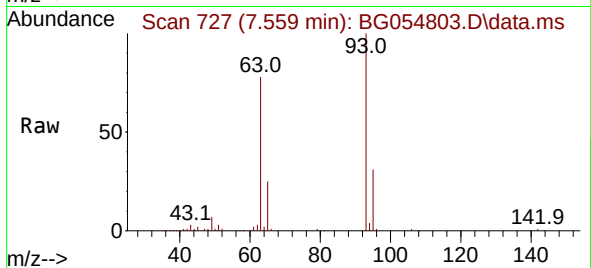




#11
bis(2-Chloroethyl)ether
Concen: 46.591 ng
RT: 7.559 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

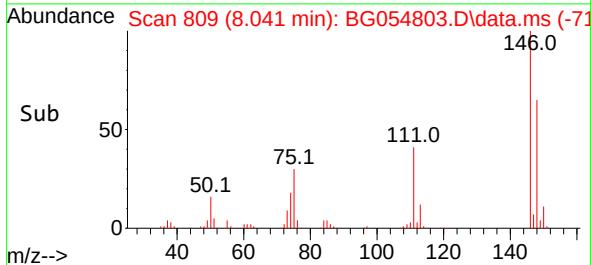
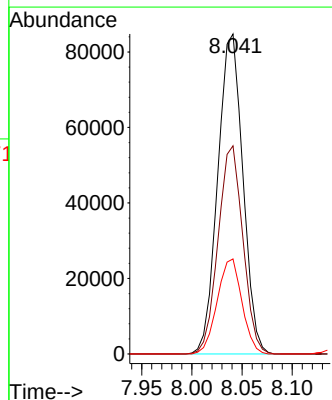
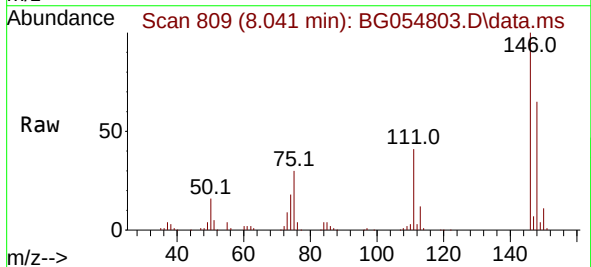
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

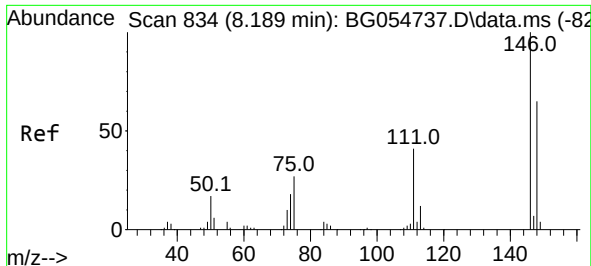
Tgt Ion: 93 Resp: 127902
Ion Ratio Lower Upper
93 100
63 77.5 62.1 102.1
95 31.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.047 ng
RT: 8.041 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:146 Resp: 147436
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
75 29.7 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 48.004 ng

RT: 8.188 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

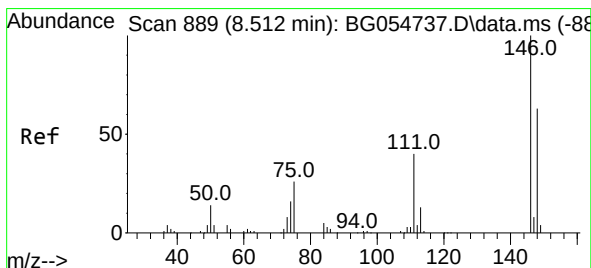
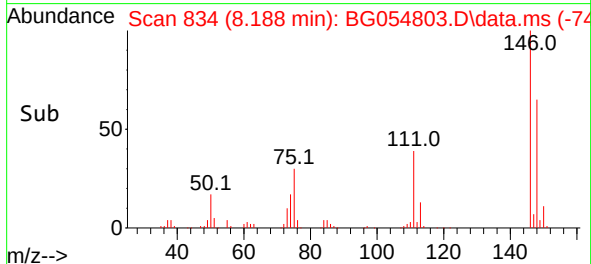
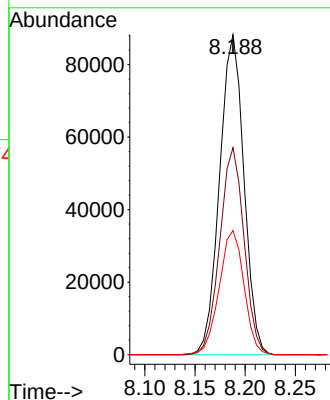
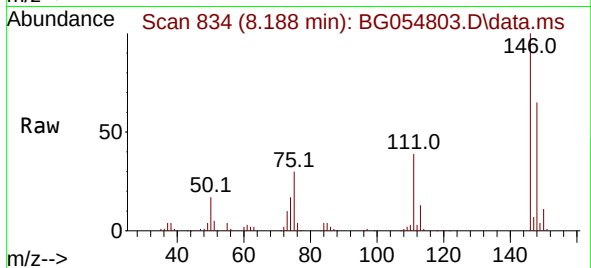
Tgt Ion:146 Resp: 148583

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

111 38.8 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 49.374 ng

RT: 8.505 min Scan# 888

Delta R.T. -0.007 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

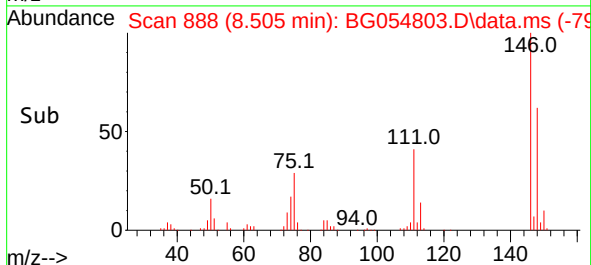
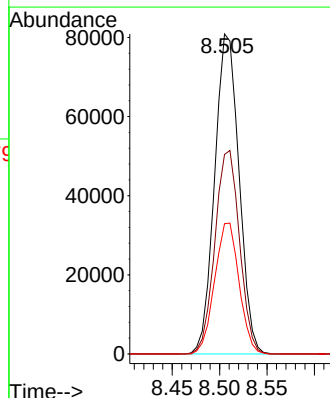
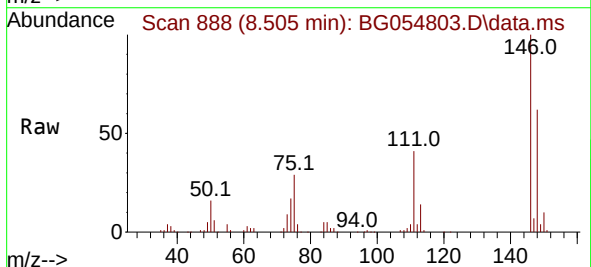
Tgt Ion:146 Resp: 144909

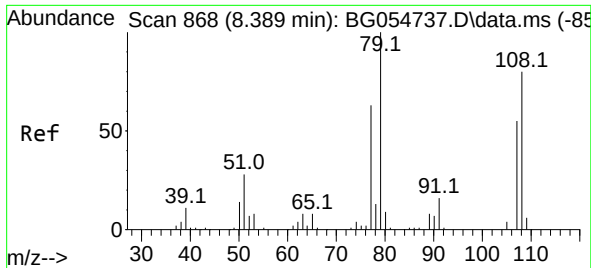
Ion Ratio Lower Upper

146 100

148 62.4 51.2 76.8

111 40.7 34.3 51.5

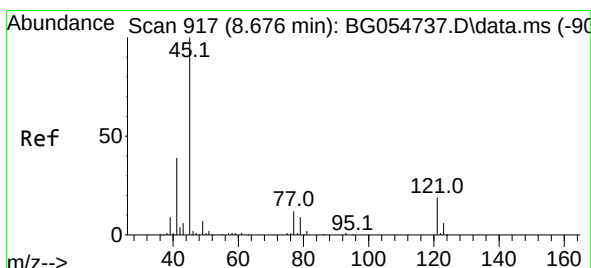
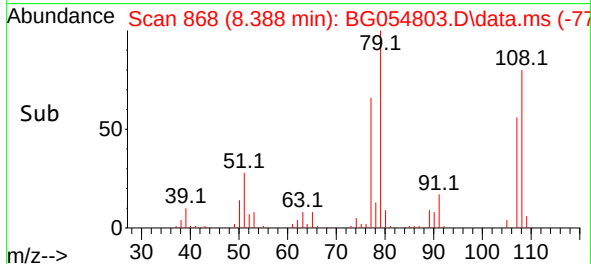
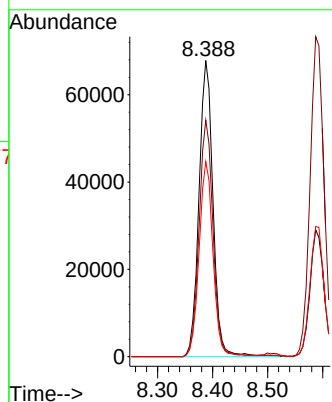
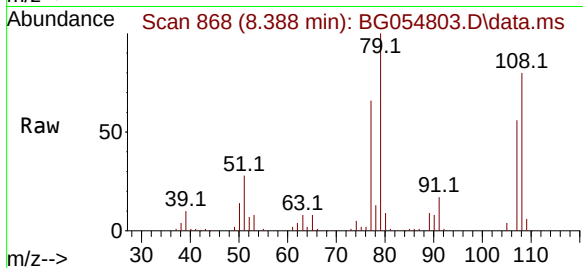




#15
Benzyl Alcohol
Concen: 50.078 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

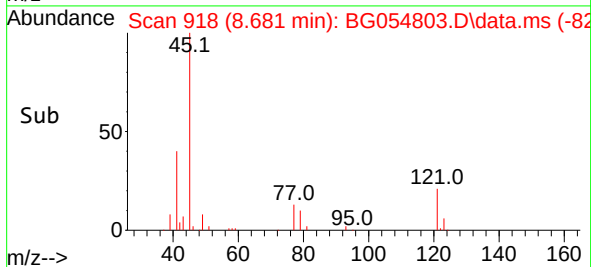
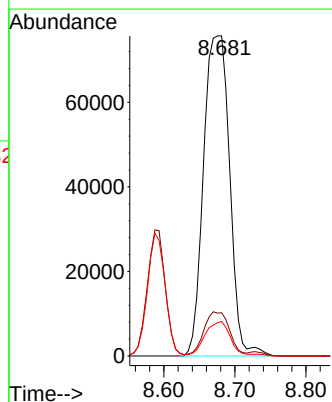
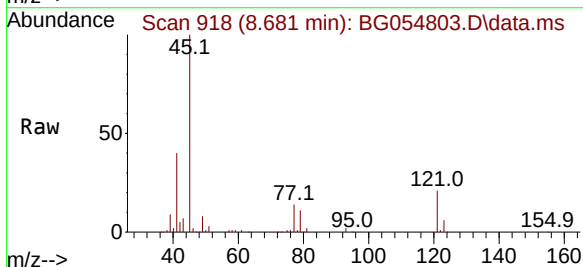
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

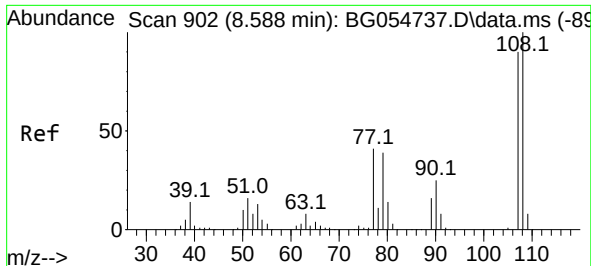
Tgt Ion:	79	Resp:	120081
Ion Ratio	Lower	Upper	
79	100		
108	79.8	63.4	95.0
77	65.8	55.0	82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.026 ng
RT: 8.681 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:	45	Resp:	193413
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.8
79	10.8	0.0	30.4

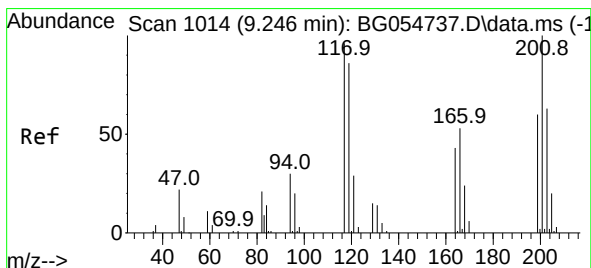
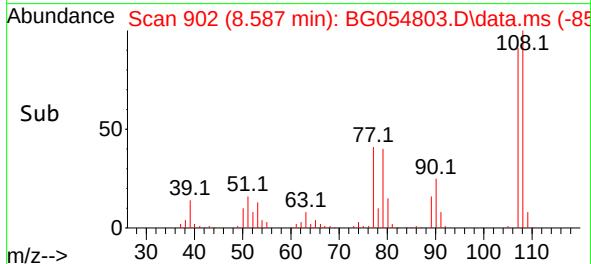
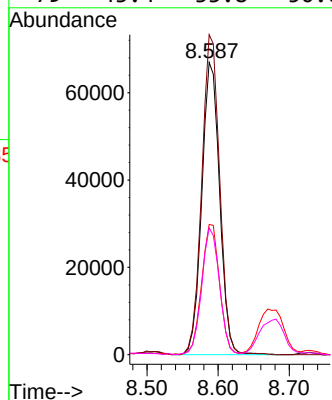
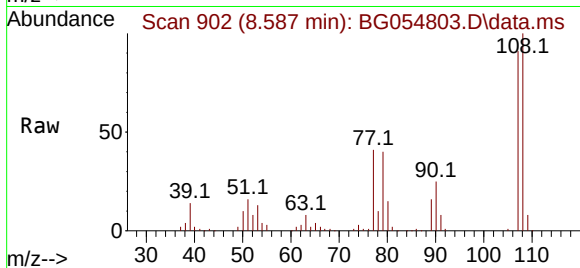




#17
2-Methylphenol
Concen: 49.806 ng
RT: 8.587 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

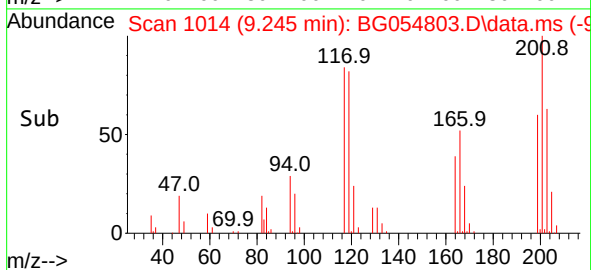
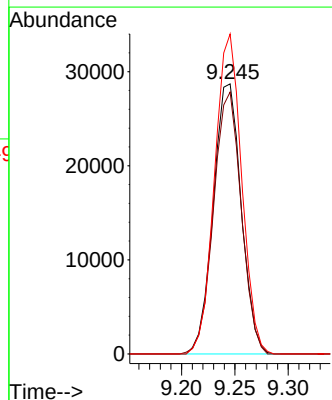
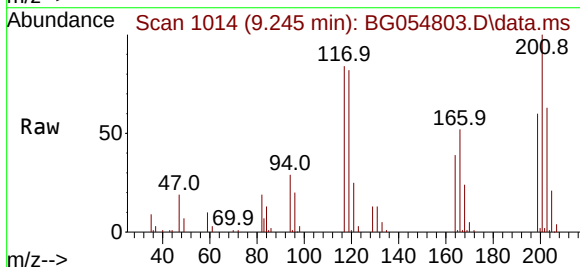
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

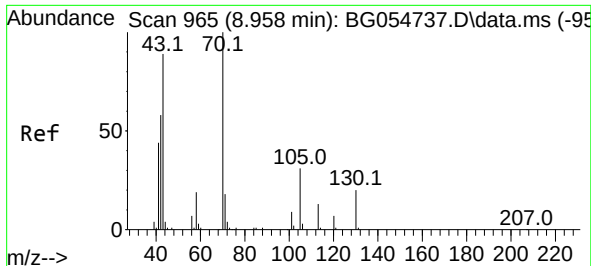
Tgt Ion:	107	Resp:	117051
Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.6	128.4
77	44.6	35.8	53.8
79	43.4	33.8	50.6



#18
Hexachloroethane
Concen: 46.603 ng
RT: 9.245 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:	117	Resp:	52307
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.0	115.6
201	118.5	87.2	130.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.226 ng

RT: 8.958 min Scan# 90

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

Tgt Ion: 70 Resp: 103227

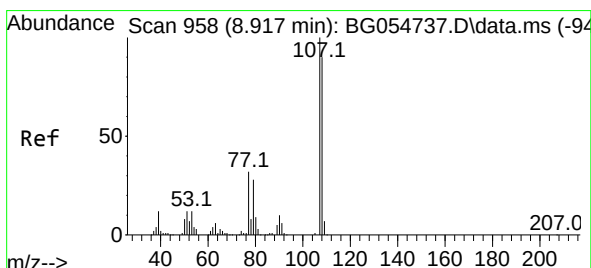
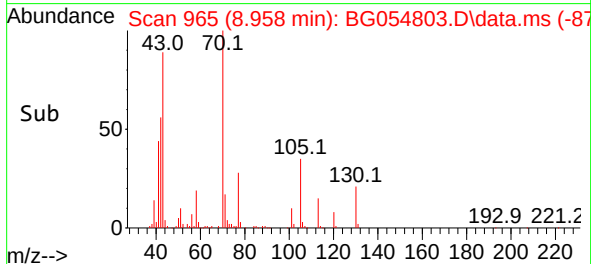
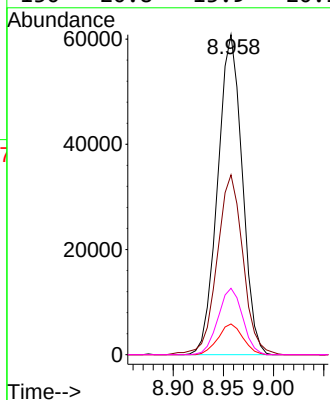
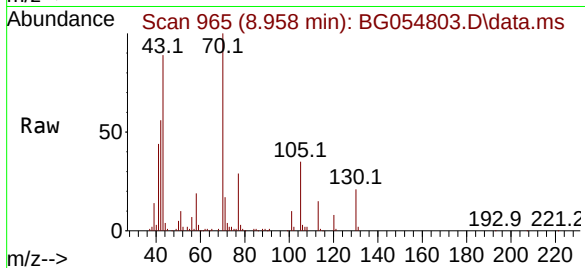
Ion Ratio Lower Upper

70 100

42 56.2 46.6 69.8

101 9.6 7.7 11.5

130 20.8 13.9 20.9



#20

3+4-Methylphenols

Concen: 48.894 ng

RT: 8.916 min Scan# 958

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Tgt Ion: 107 Resp: 159341

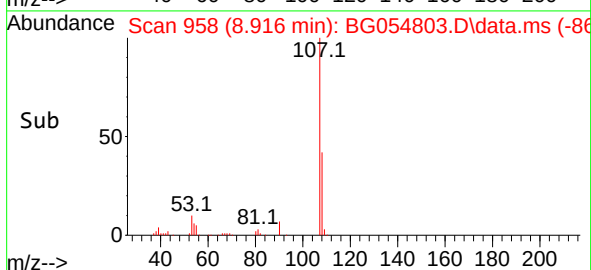
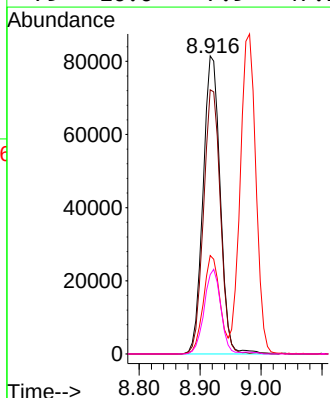
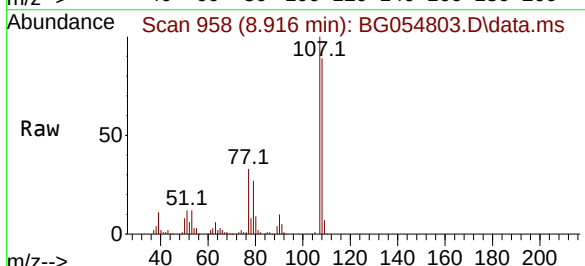
Ion Ratio Lower Upper

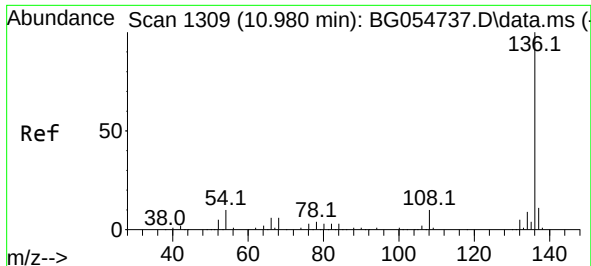
107 100

108 88.6 71.6 111.6

77 33.0 13.1 53.1

79 26.6 7.9 47.9

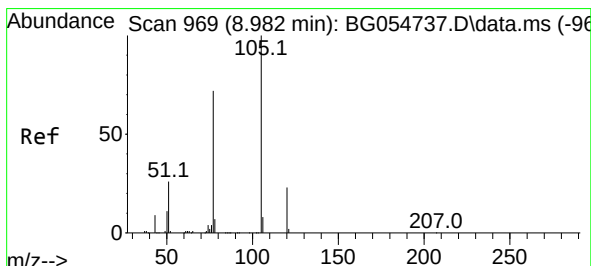
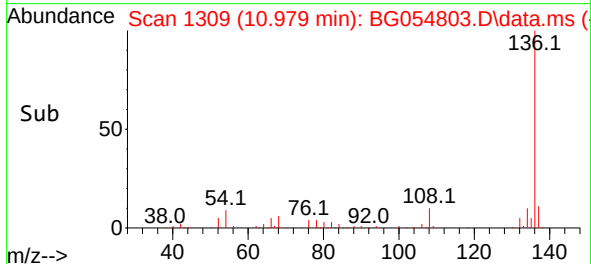
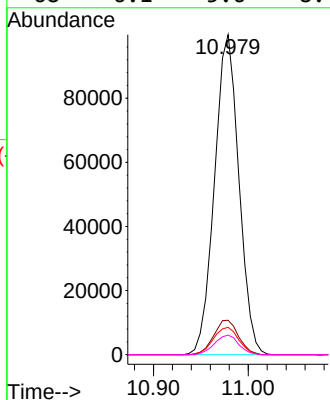
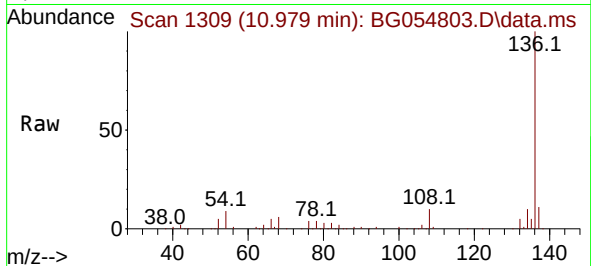




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

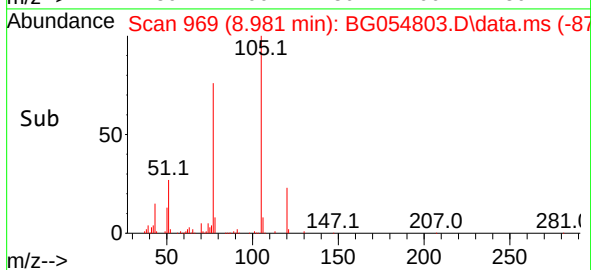
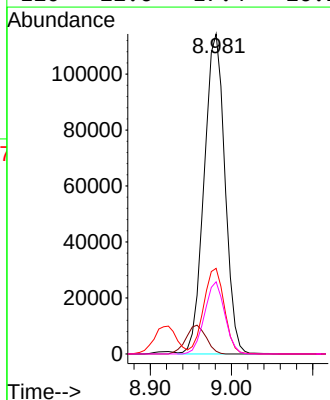
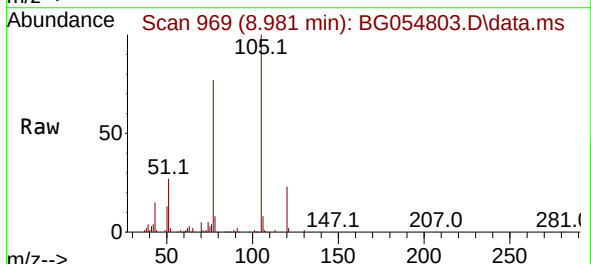
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

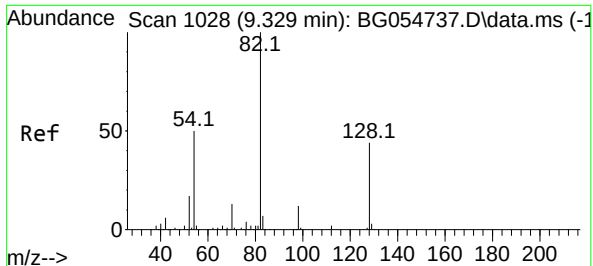
Tgt Ion:	136	Resp:	178380
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	8.5	7.7	11.5
68	6.1	5.6	8.4



#22
Acetophenone
Concen: 45.414 ng
RT: 8.981 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:	105	Resp:	202669
Ion Ratio	Lower	Upper	
105	100		
71	0.8	1.2	1.8
51	26.7	22.9	34.3
120	22.6	17.4	26.2

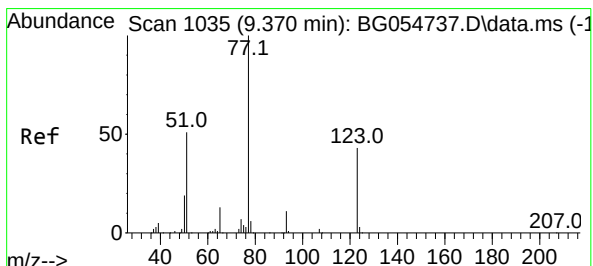
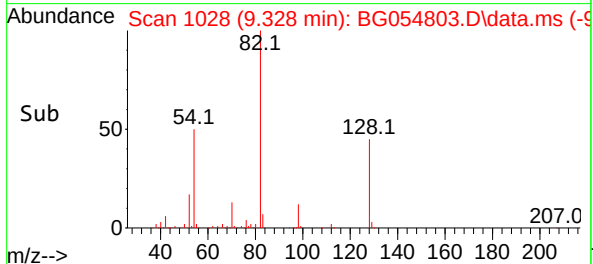
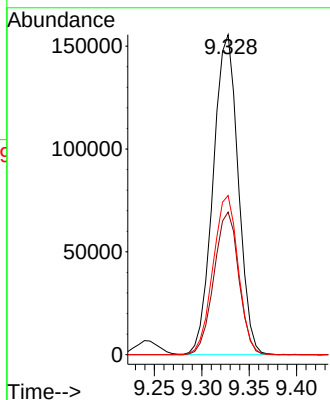
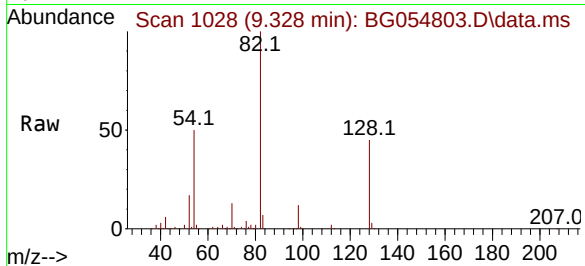




#23
Nitrobenzene-d5
Concen: 84.230 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

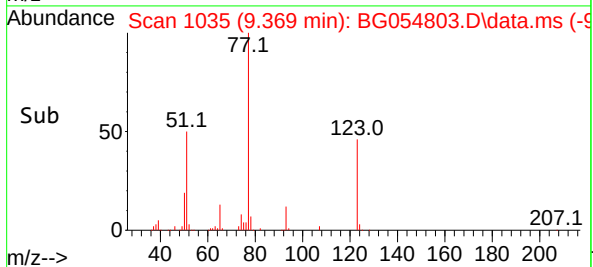
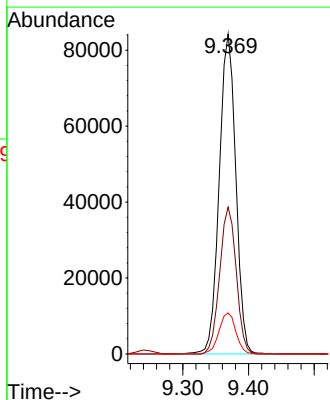
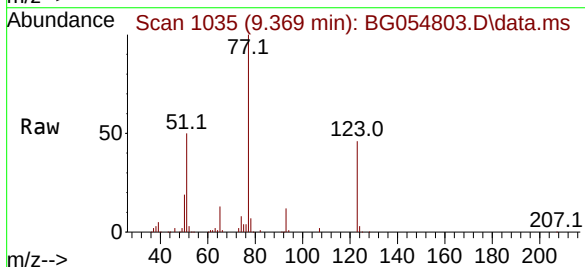
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

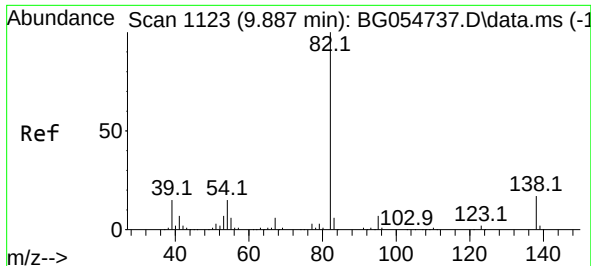
Tgt Ion: 82 Resp: 286209
Ion Ratio Lower Upper
82 100
128 44.6 32.2 48.2
54 49.8 41.4 62.0



#24
Nitrobenzene
Concen: 42.979 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion: 77 Resp: 147199
Ion Ratio Lower Upper
77 100
123 45.9 35.0 52.6
65 12.8 10.2 15.2

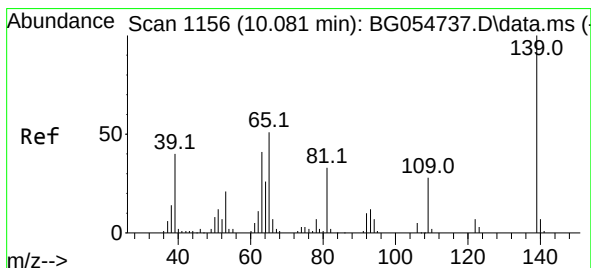
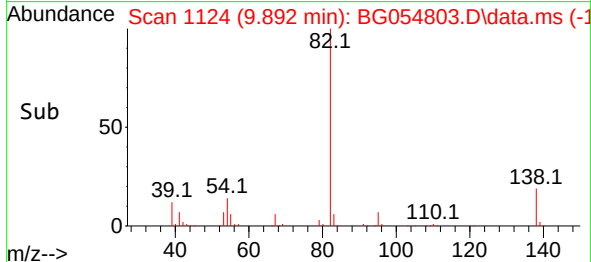
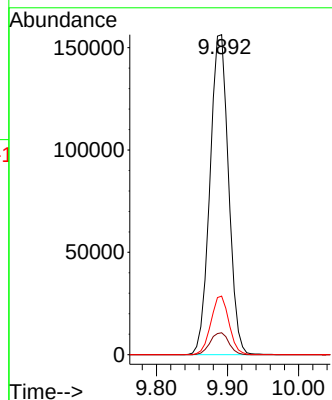
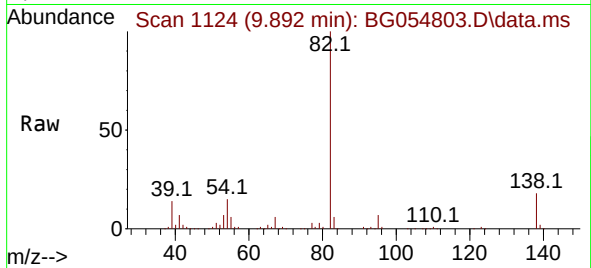




#25
Isophorone
Concen: 44.857 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

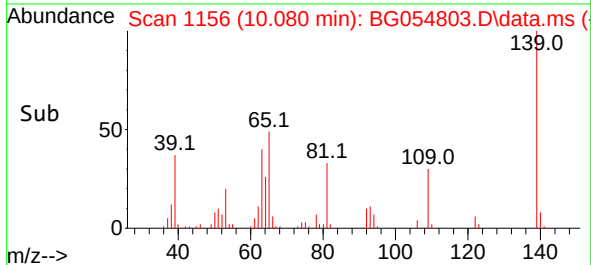
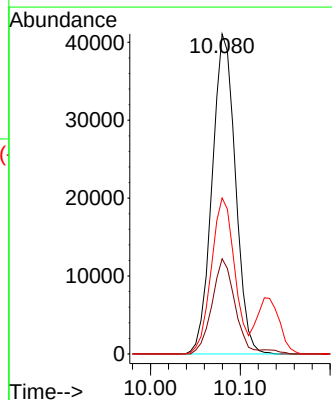
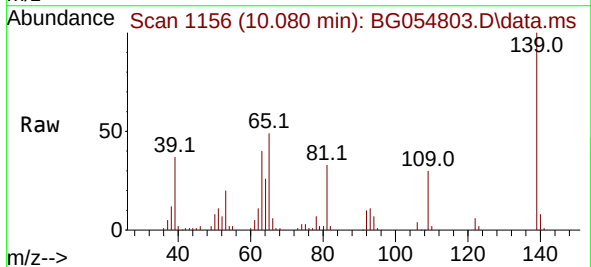
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

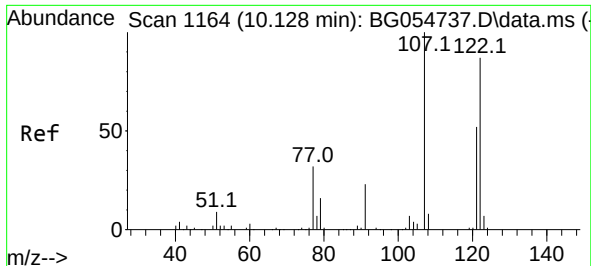
Tgt Ion: 82 Resp: 284203
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 48.852 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion: 139 Resp: 73906
Ion Ratio Lower Upper
139 100
109 29.7 21.8 32.6
65 48.8 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.108 ng

RT: 10.133 min Scan# 1164

Delta R.T. 0.005 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

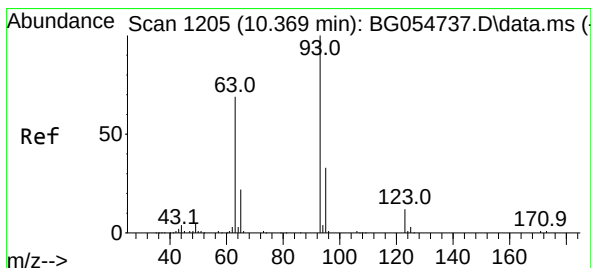
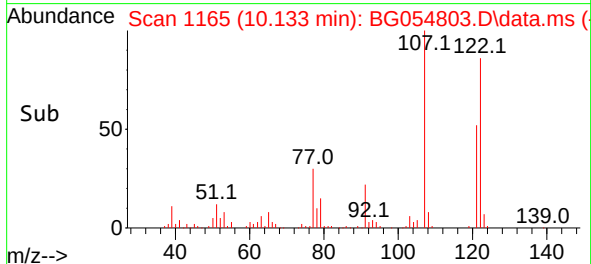
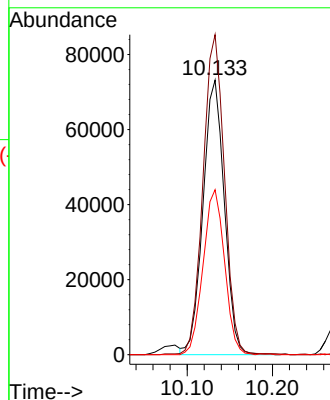
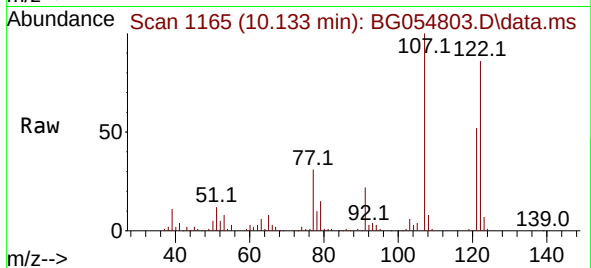
Tgt Ion:122 Resp: 127301

Ion Ratio Lower Upper

122 100

107 116.5 94.6 142.0

121 60.1 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.614 ng

RT: 10.368 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

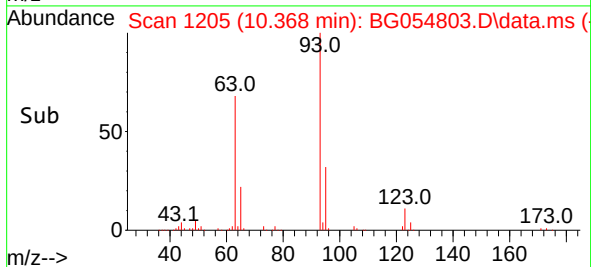
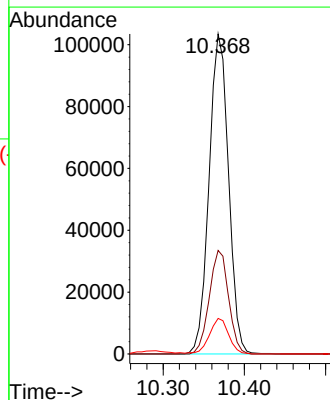
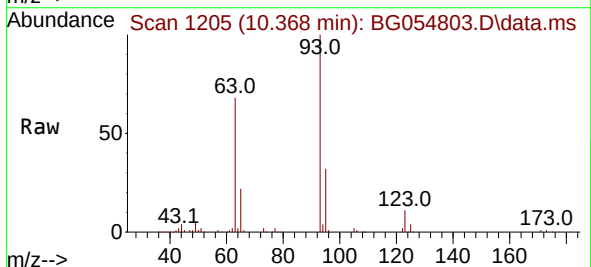
Tgt Ion: 93 Resp: 171898

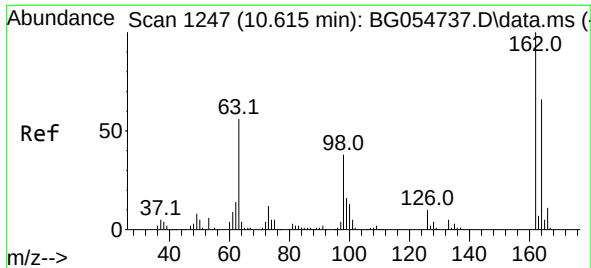
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 47.526 ng

RT: 10.620 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

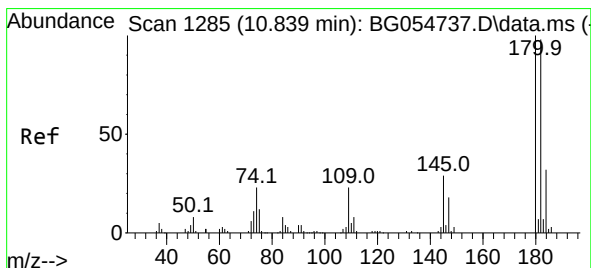
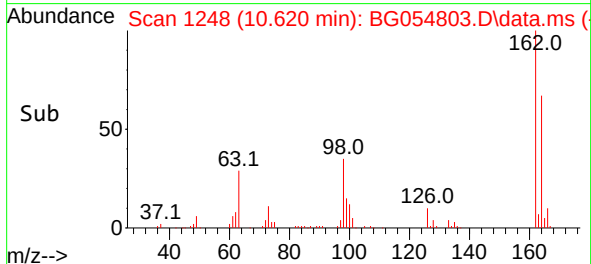
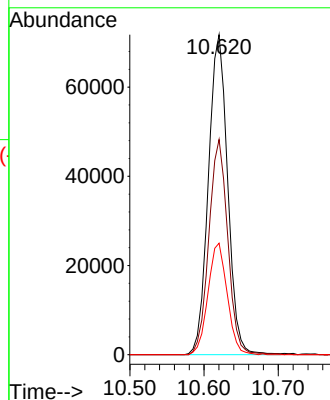
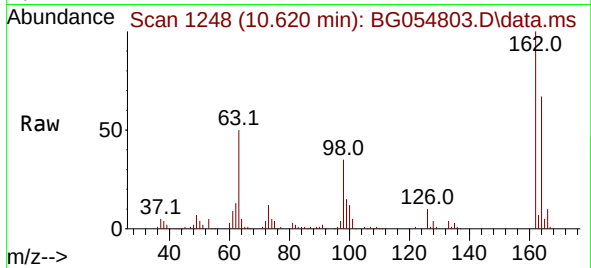
Tgt Ion:162 Resp: 129576

Ion Ratio Lower Upper

162 100

164 67.3 47.2 87.2

98 34.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.358 ng

RT: 10.832 min Scan# 1284

Delta R.T. -0.007 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

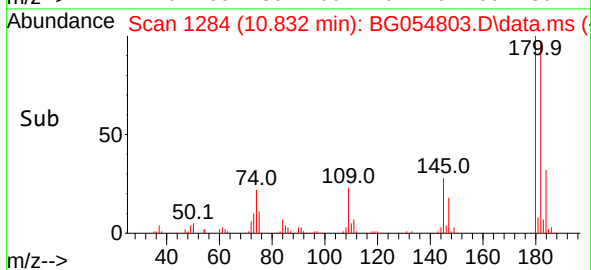
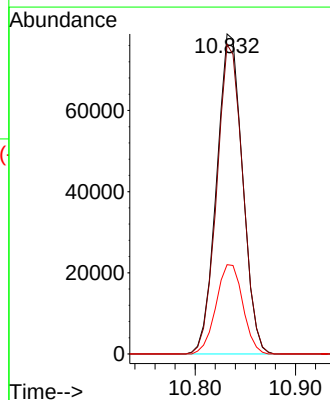
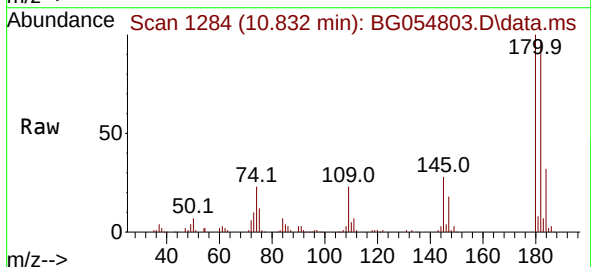
Tgt Ion:180 Resp: 141322

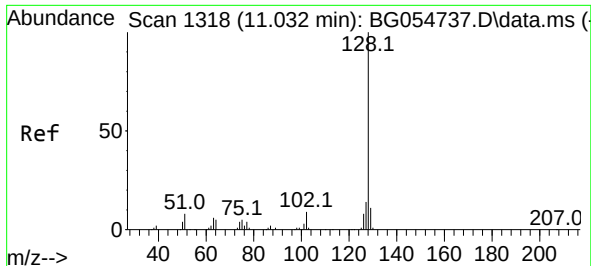
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.6

145 27.9 24.0 36.0

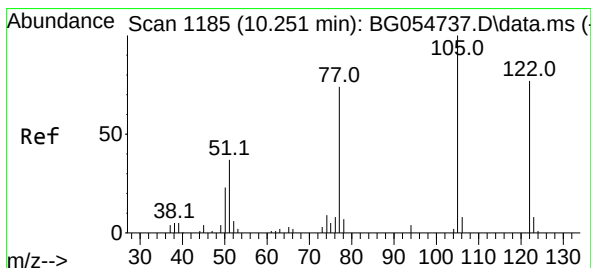
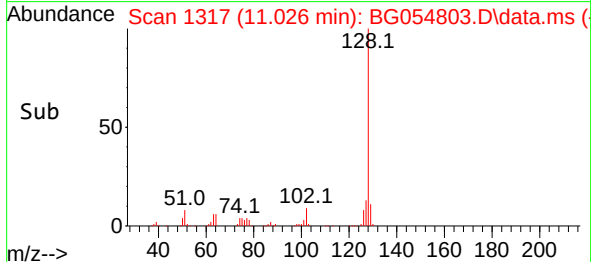
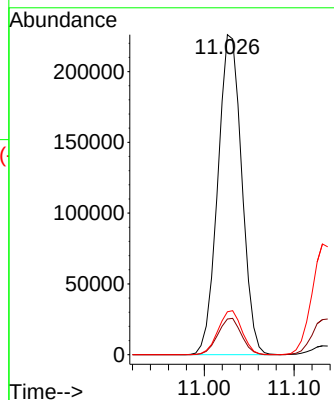
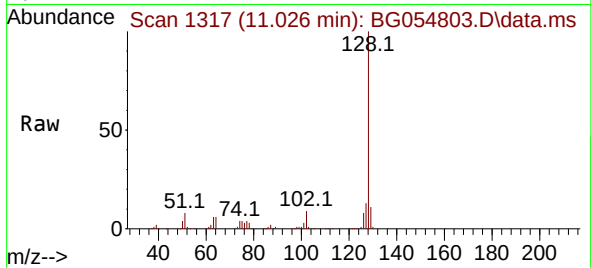




#31
Naphthalene
Concen: 43.685 ng
RT: 11.026 min Scan# 1191
Delta R.T. -0.007 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

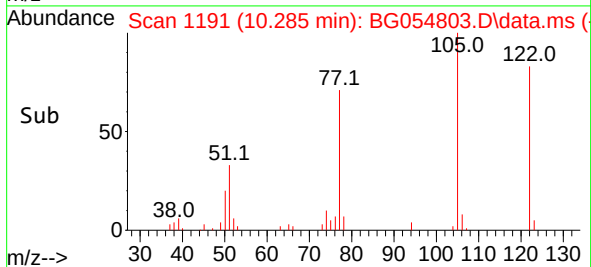
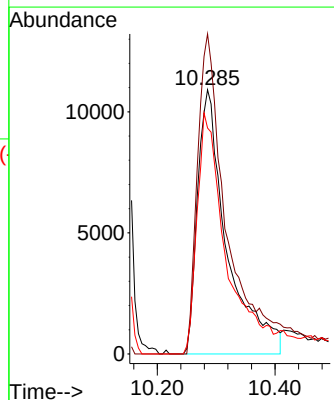
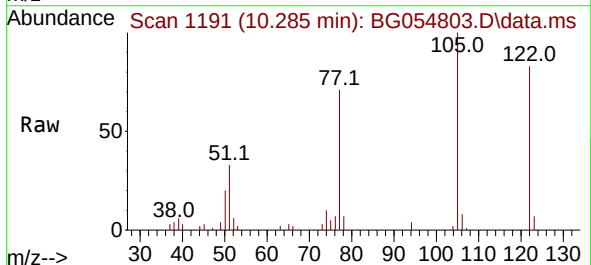
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

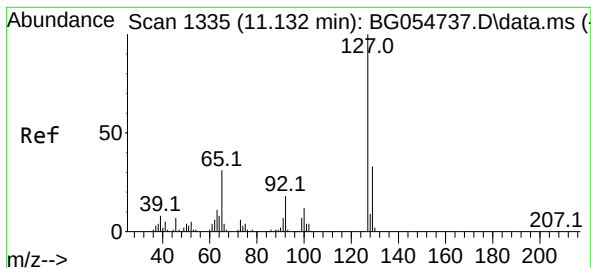
Tgt Ion:128 Resp: 418082
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 26.354 ng
RT: 10.285 min Scan# 1191
Delta R.T. 0.034 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:122 Resp: 37908
Ion Ratio Lower Upper
122 100
105 121.2 101.5 141.5
77 85.5 69.3 109.3

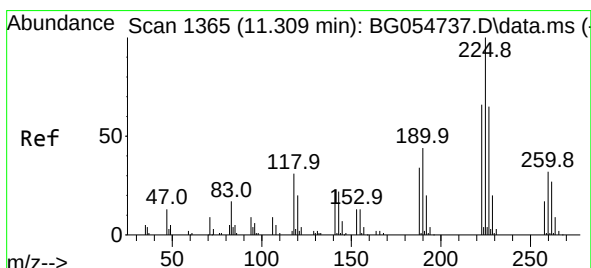
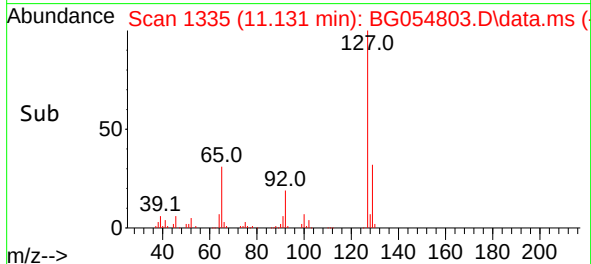
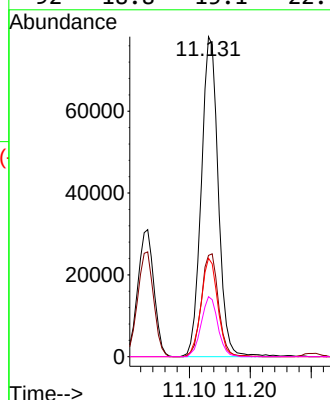
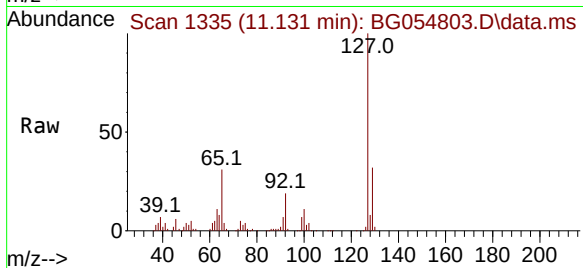




#33
4-Chloroaniline
Concen: 38.784 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

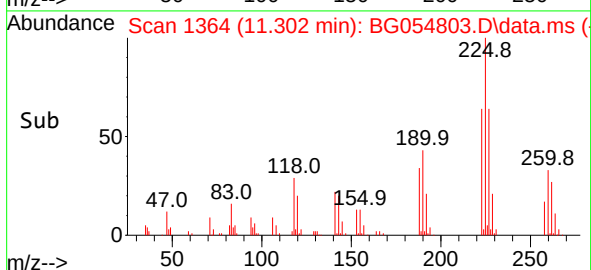
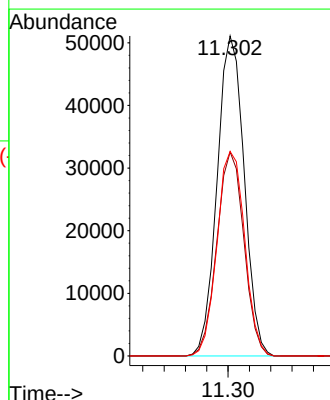
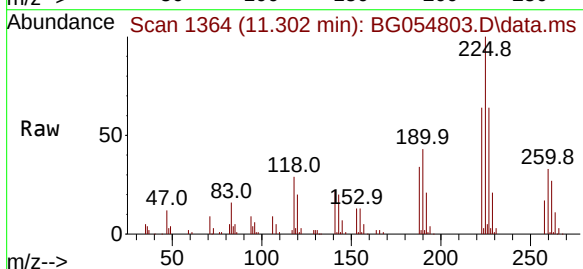
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

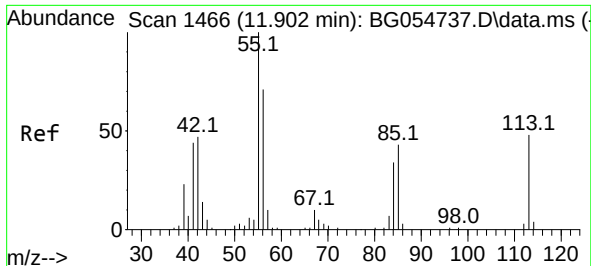
Tgt Ion:127	Resp:	151323
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.0 39.0
65	30.8	25.8 38.8
92	18.8	15.1 22.7



#34
Hexachlorobutadiene
Concen: 45.020 ng
RT: 11.302 min Scan# 1364
Delta R.T. -0.007 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:225	Resp:	89871
Ion Ratio	Lower	Upper
225	100	
223	63.8	51.4 77.0
227	63.9	52.6 79.0

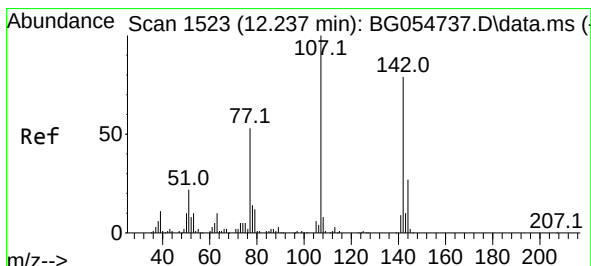
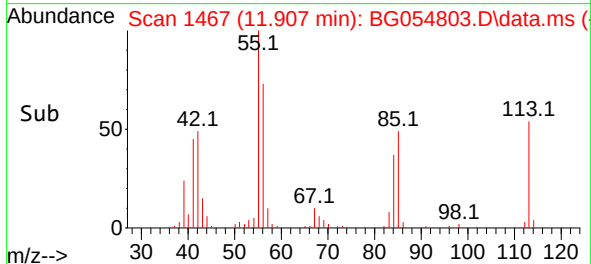
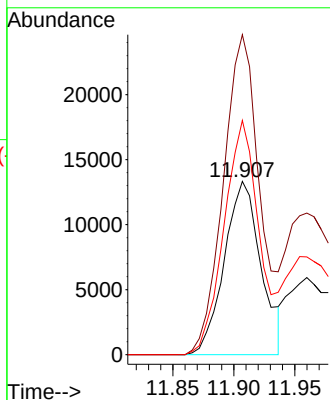
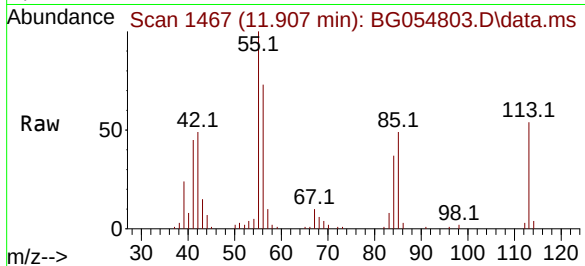




#35
 Caprolactam
 Concen: 29.002 ng
 RT: 11.907 min Scan# 1466
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

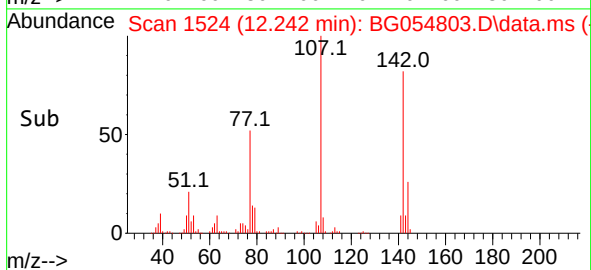
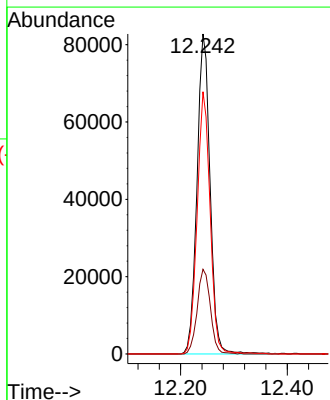
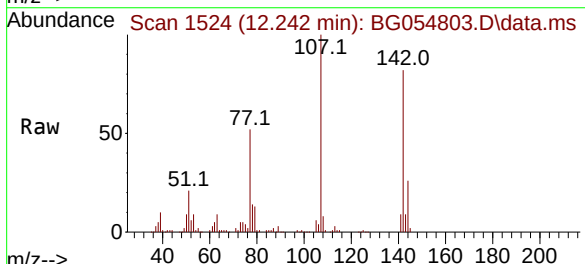
Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

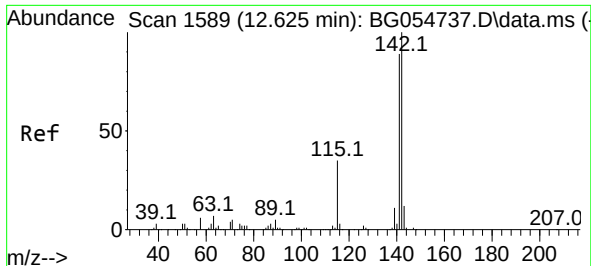
Tgt Ion:113 Resp: 27896
 Ion Ratio Lower Upper
 113 100
 55 184.7 179.1 219.1
 56 135.2 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.167 ng
 RT: 12.242 min Scan# 1524
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

Tgt Ion:107 Resp: 140625
 Ion Ratio Lower Upper
 107 100
 144 26.5 22.4 33.6
 142 82.0 65.8 98.8





#37

2-Methylnaphthalene

Concen: 43.489 ng

RT: 12.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

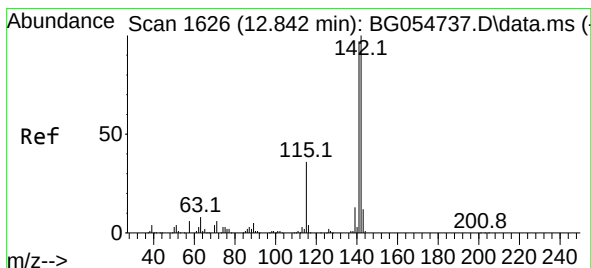
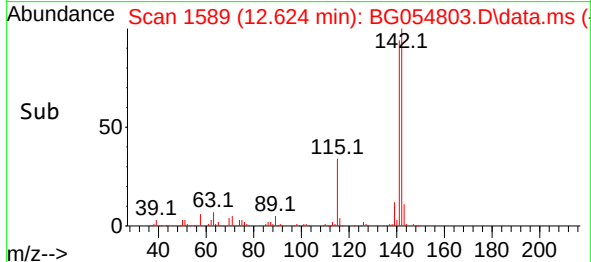
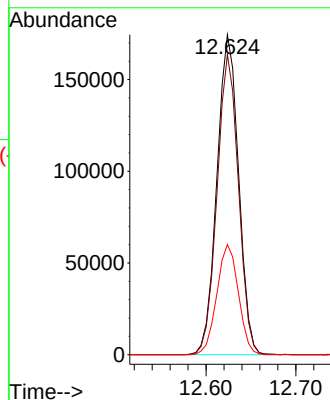
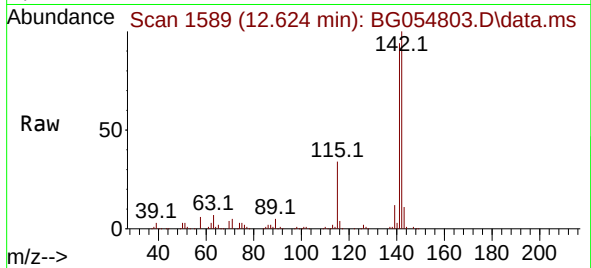
Tgt Ion:142 Resp: 291714

Ion Ratio Lower Upper

142 100

141 93.7 73.0 109.4

115 34.4 27.3 40.9



#38

1-Methylnaphthalene

Concen: 42.947 ng

RT: 12.841 min Scan# 1626

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

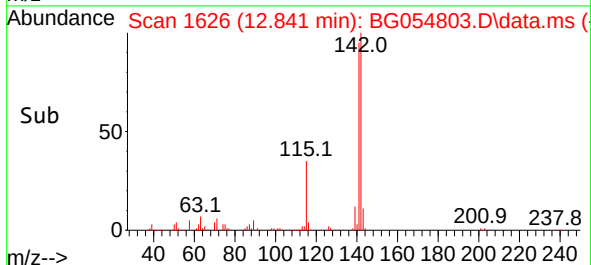
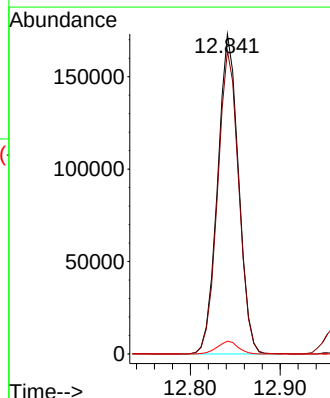
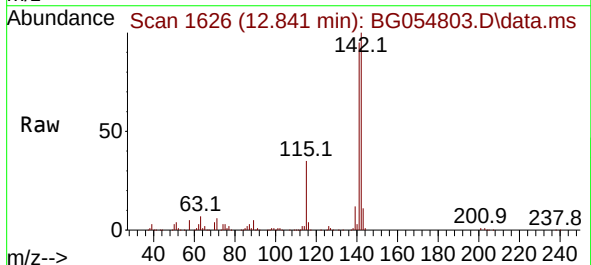
Tgt Ion:142 Resp: 280280

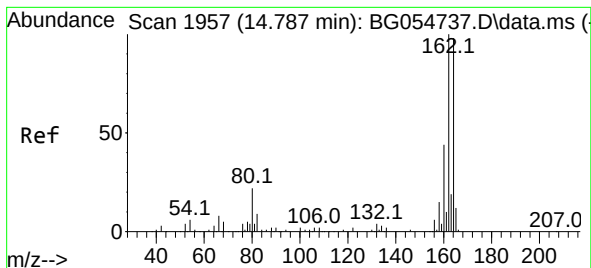
Ion Ratio Lower Upper

142 100

141 94.8 77.4 116.0

116 4.0 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: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

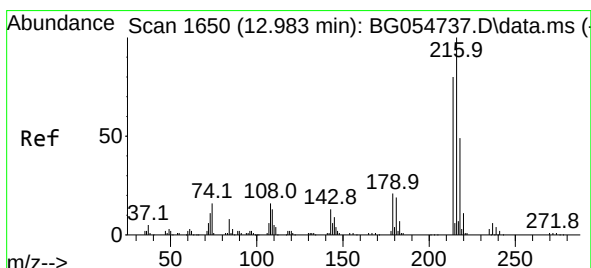
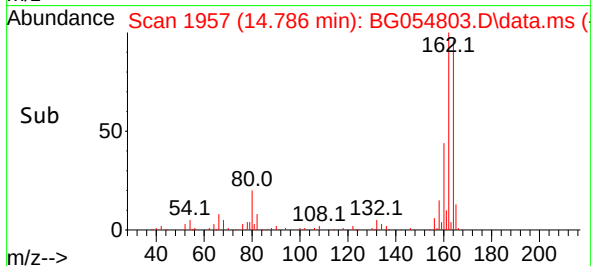
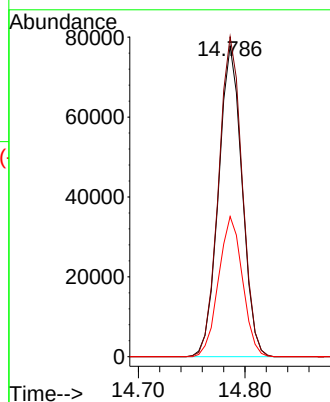
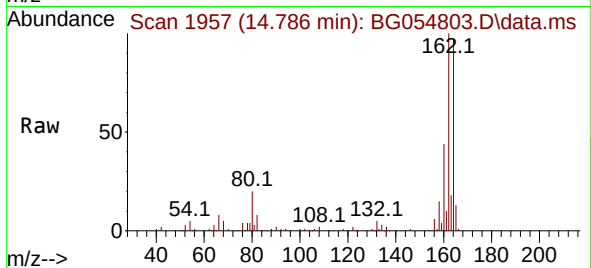
Tgt Ion:164 Resp: 118818

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

160 45.1 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.463 ng

RT: 12.988 min Scan# 1651

Delta R.T. 0.005 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Tgt Ion:216 Resp: 162834

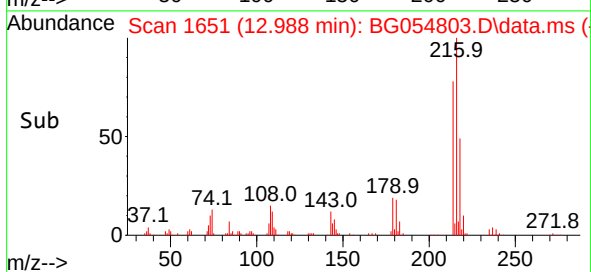
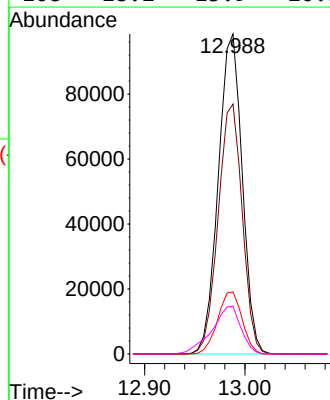
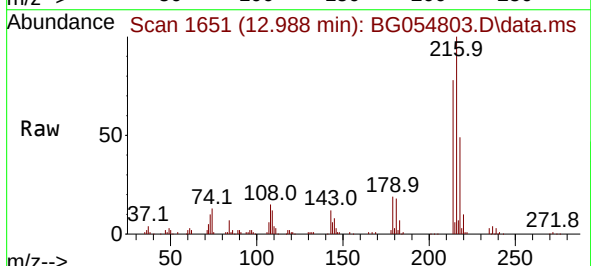
Ion Ratio Lower Upper

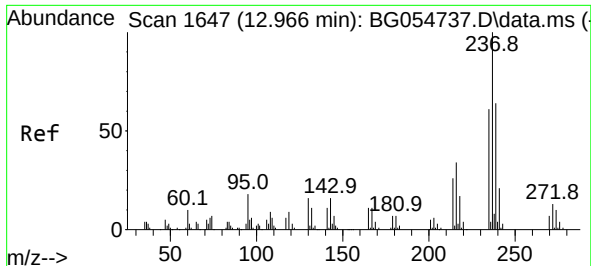
216 100

214 78.6 63.2 94.8

179 19.8 16.5 24.7

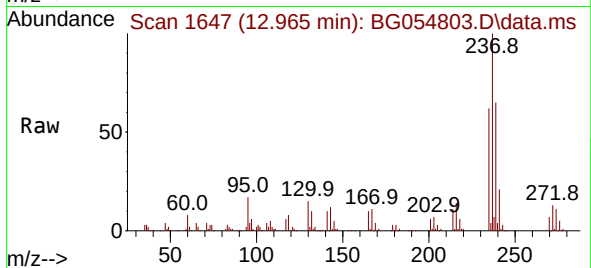
108 18.2 13.9 20.9



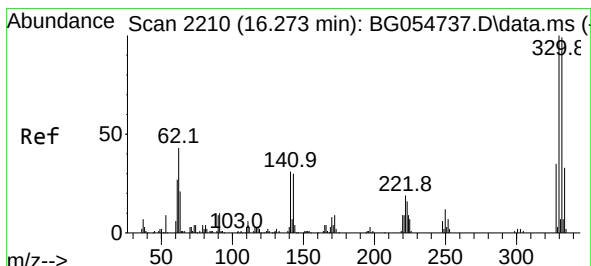
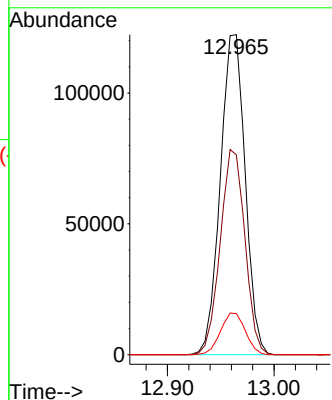
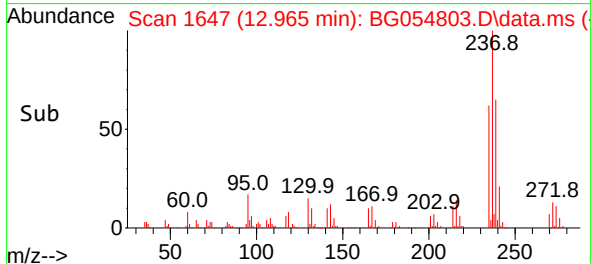


#41
Hexachlorocyclopentadiene
Concen: 104.251 ng
RT: 12.965 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

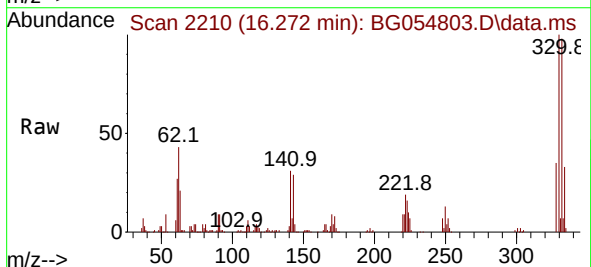
Instrument :
BNA_G
ClientSampleId :
PB147287BSD



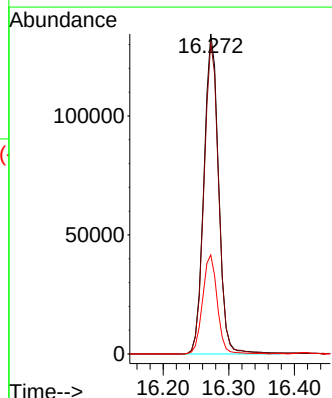
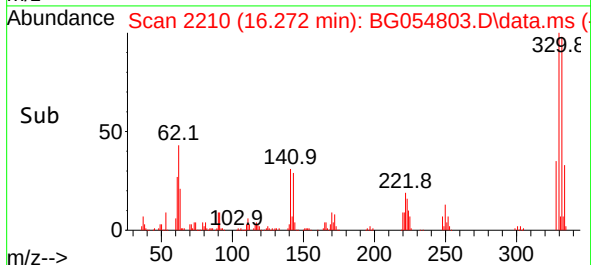
Tgt Ion:237 Resp: 198023
Ion Ratio Lower Upper
237 100
235 62.5 42.2 82.2
272 12.8 0.0 34.0

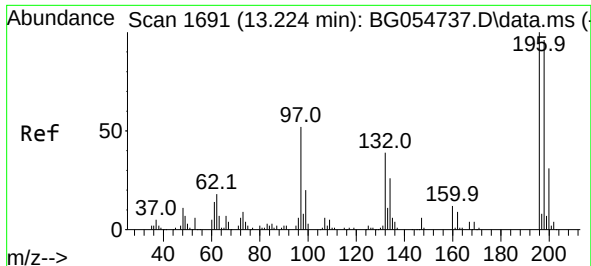


#42
2,4,6-Tribromophenol
Concen: 141.569 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20



Tgt Ion:330 Resp: 210188
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 30.8 26.8 40.2

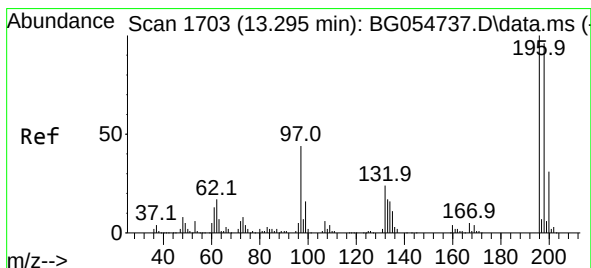
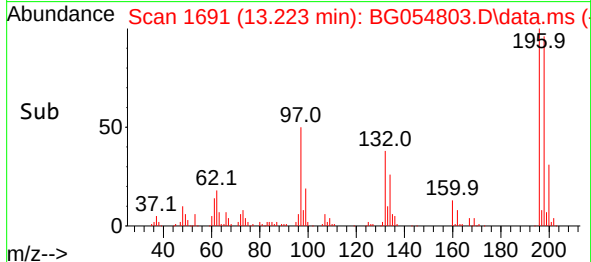
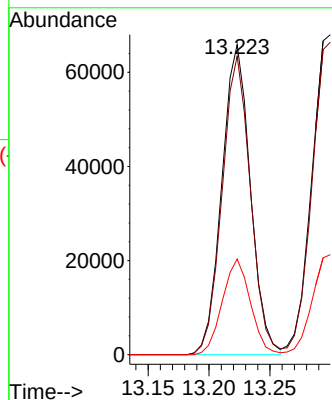
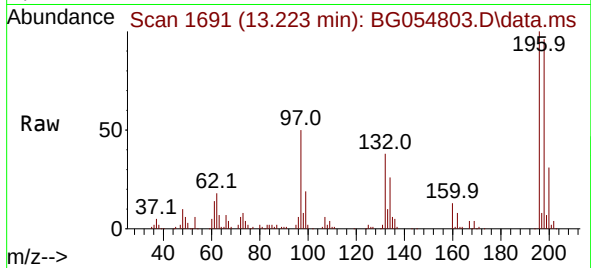




#43
2,4,6-Trichlorophenol
Concen: 45.144 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

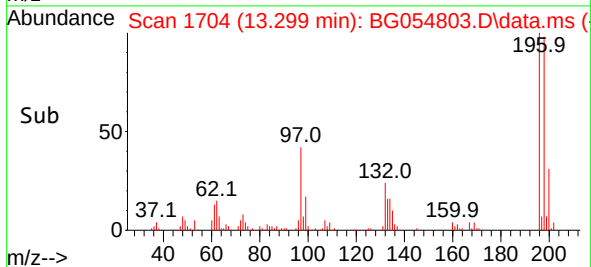
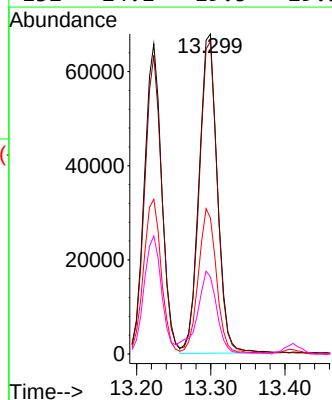
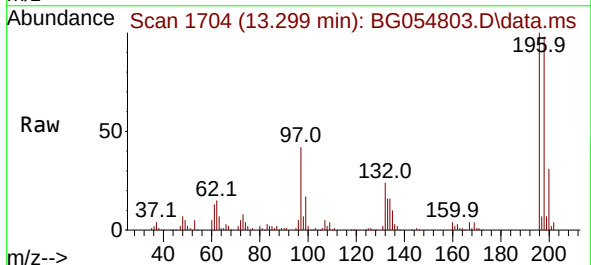
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

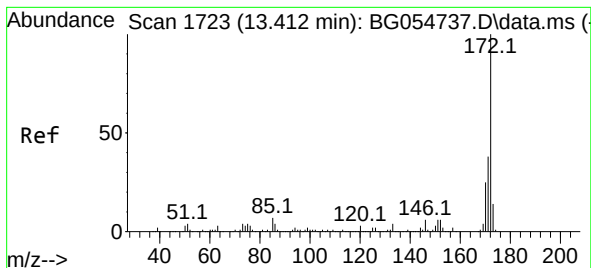
Tgt Ion:196 Resp: 107324
Ion Ratio Lower Upper
196 100
198 96.3 77.1 115.7
200 30.9 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 43.602 ng
RT: 13.299 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:196 Resp: 116410
Ion Ratio Lower Upper
196 100
198 97.6 76.7 115.1
97 42.5 36.6 55.0
132 24.1 19.5 29.3

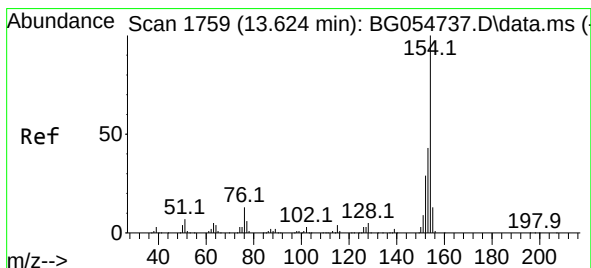
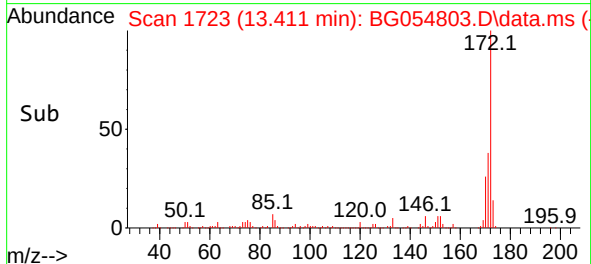
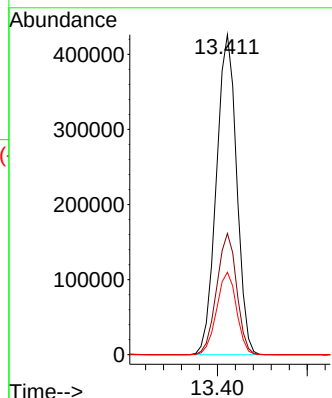
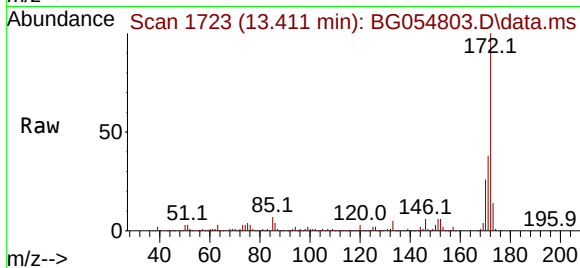




#45
2-Fluorobiphenyl
Concen: 84.454 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

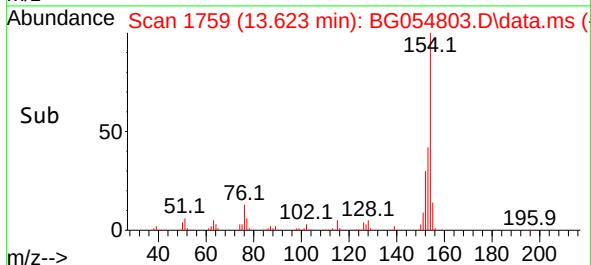
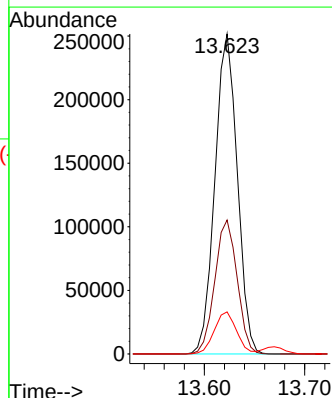
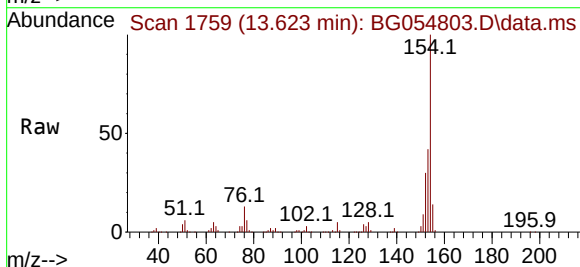
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

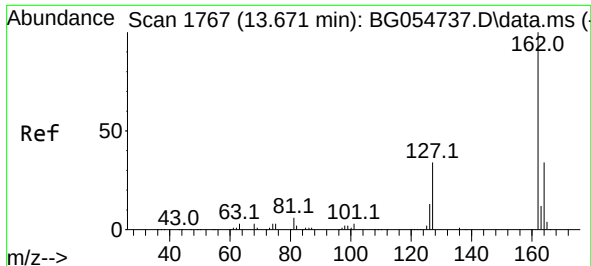
Tgt Ion:172 Resp: 667638
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.7 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.047 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:154 Resp: 388645
Ion Ratio Lower Upper
154 100
153 41.9 22.2 62.2
76 13.1 0.0 34.0

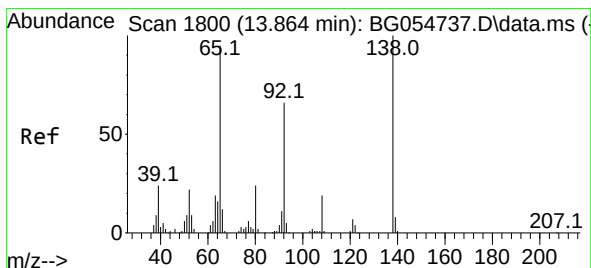
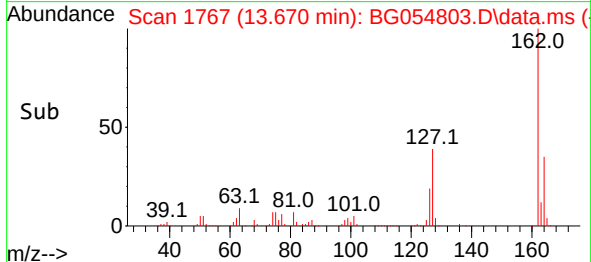
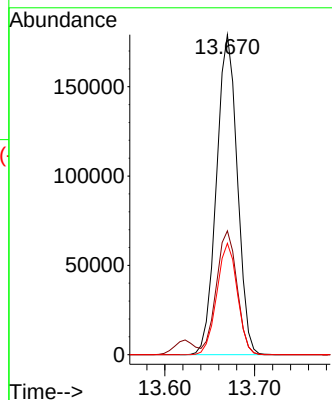
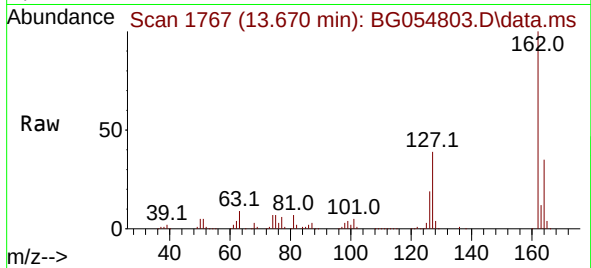




#47
2-Chloronaphthalene
Concen: 43.040 ng
RT: 13.670 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

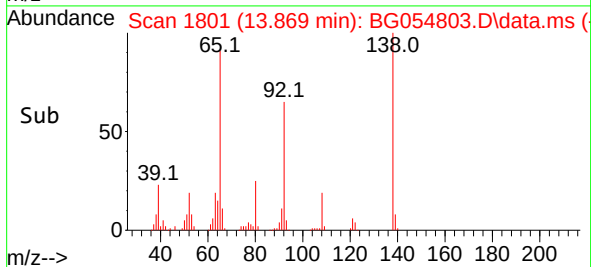
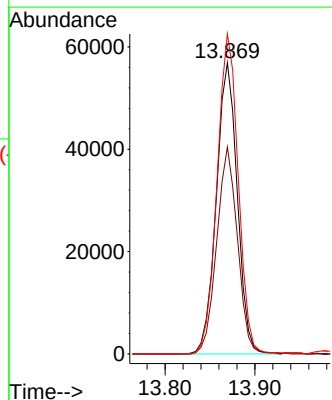
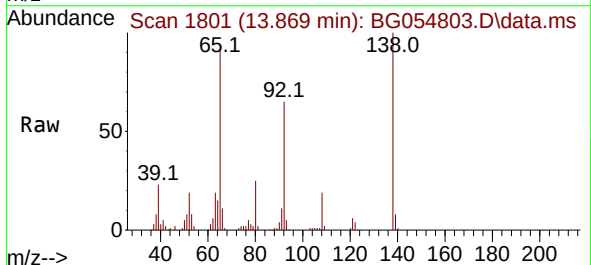
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

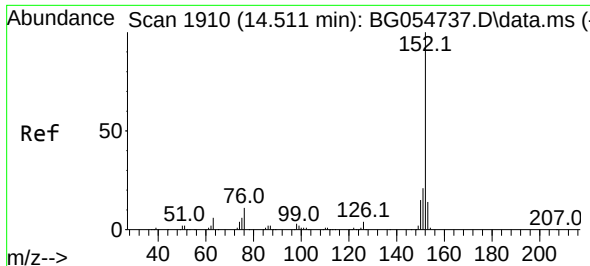
Tgt Ion:162 Resp: 288416
Ion Ratio Lower Upper
162 100
127 38.7 31.5 47.3
164 34.8 27.8 41.6



#48
2-Nitroaniline
Concen: 43.852 ng
RT: 13.869 min Scan# 1801
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion: 65 Resp: 92093
Ion Ratio Lower Upper
65 100
92 71.1 54.7 82.1
138 109.9 84.1 126.1

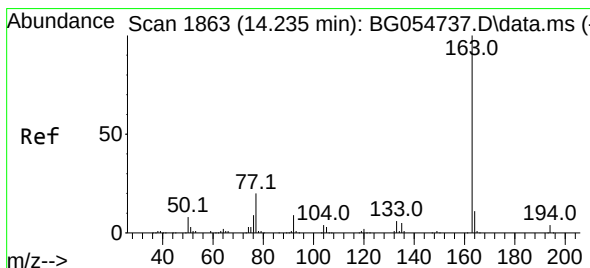
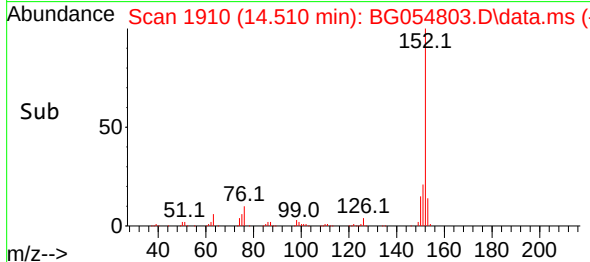
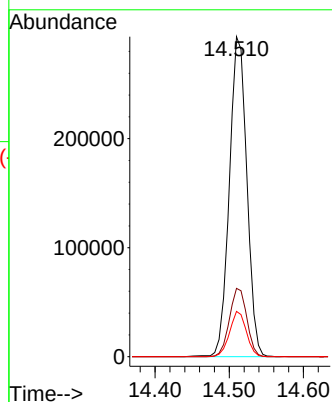
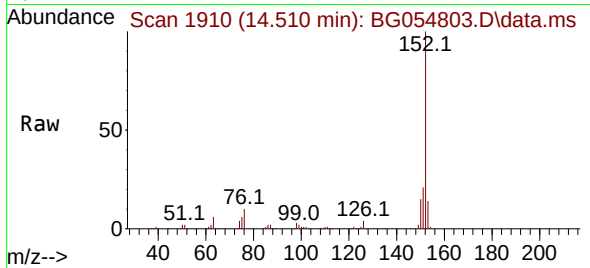




#49
Acenaphthylene
Concen: 43.391 ng
RT: 14.510 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

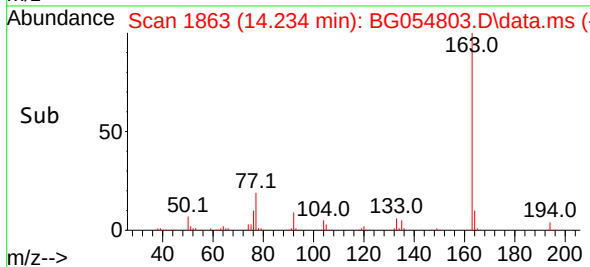
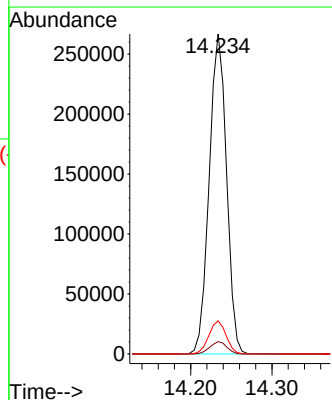
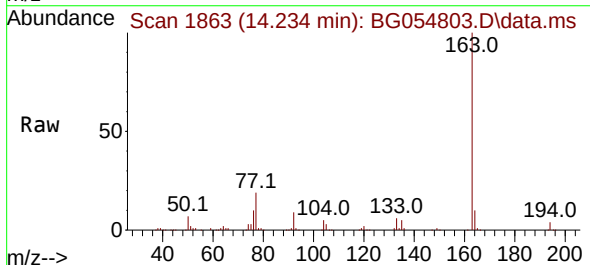
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

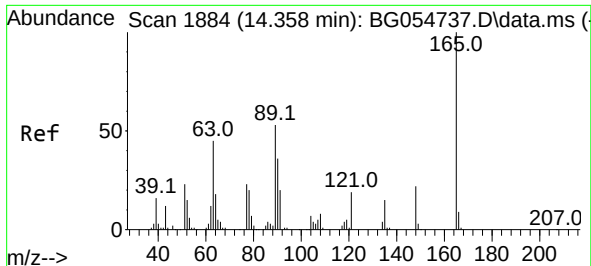
Tgt Ion:152 Resp: 479818
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 14.1 10.8 16.2



#50
Dimethylphthalate
Concen: 43.120 ng
RT: 14.234 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:163 Resp: 394716
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.0 12.0

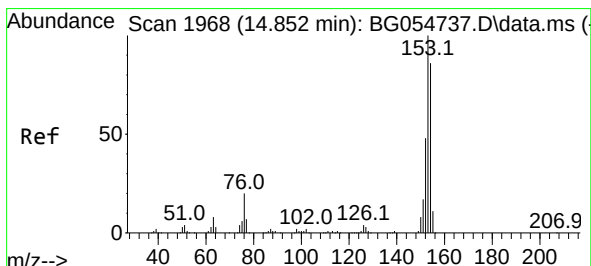
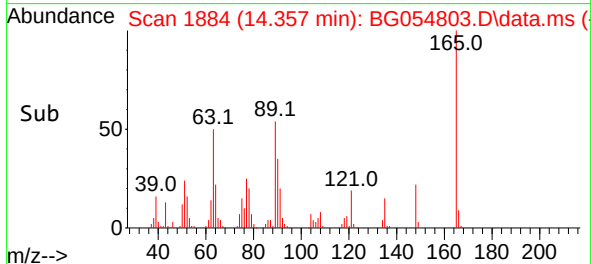
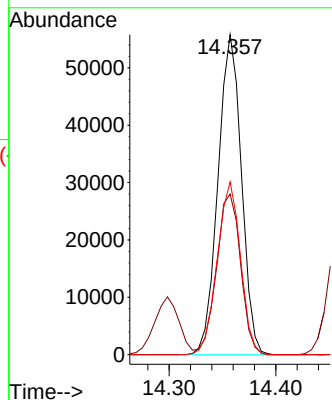
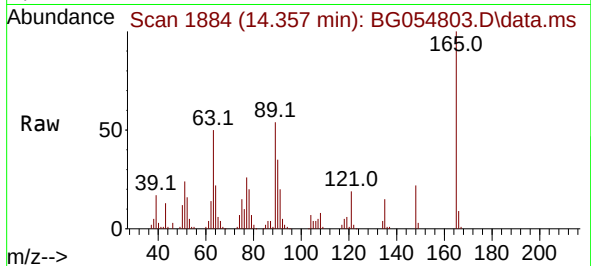




#51
2,6-Dinitrotoluene
Concen: 45.441 ng
RT: 14.357 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

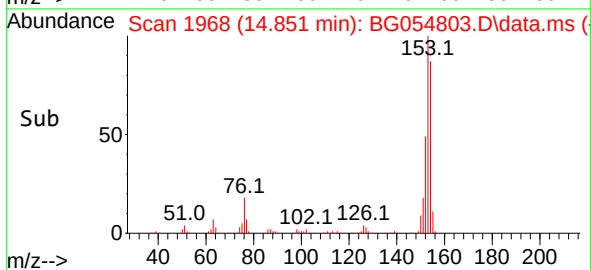
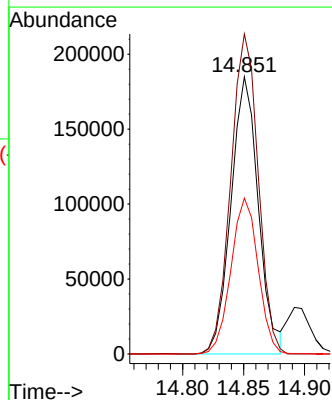
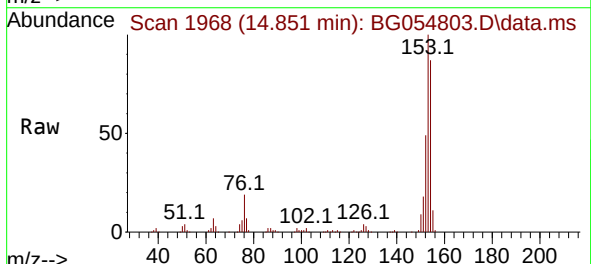
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

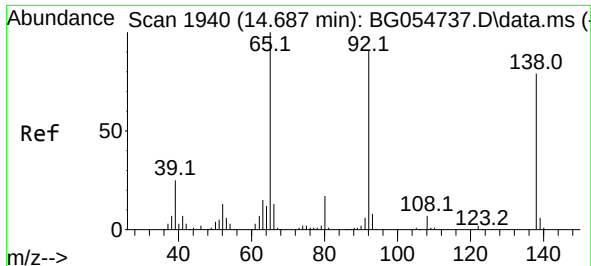
Tgt Ion:165 Resp: 85081
Ion Ratio Lower Upper
165 100
63 50.2 46.0 69.0
89 54.0 50.3 75.5



#52
Acenaphthene
Concen: 40.668 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:154 Resp: 288872
Ion Ratio Lower Upper
154 100
153 115.5 92.8 139.2
152 56.2 45.4 68.2

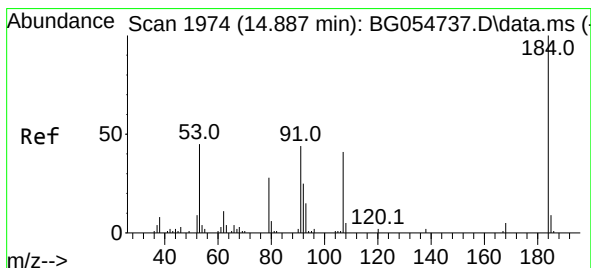
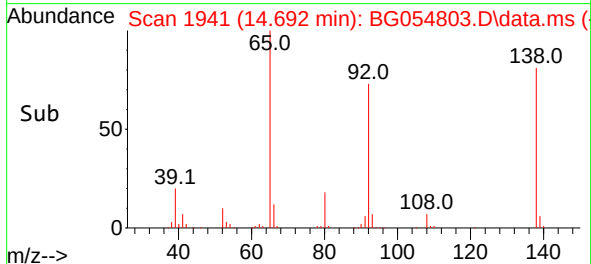
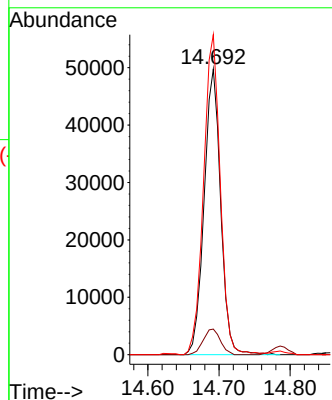
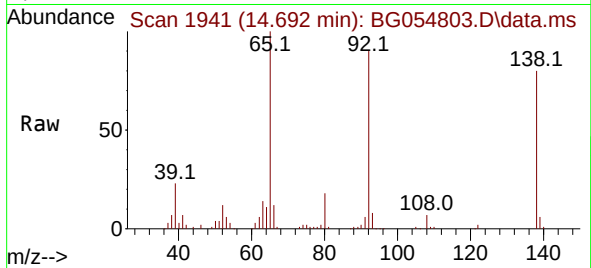




#53
3-Nitroaniline
Concen: 38.486 ng
RT: 14.692 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

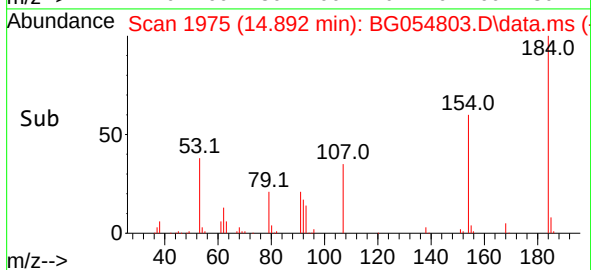
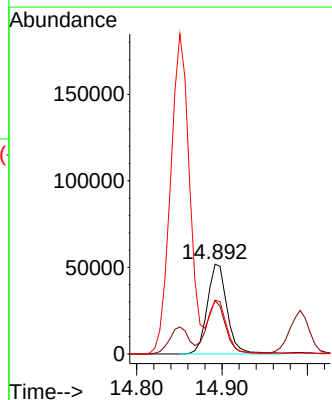
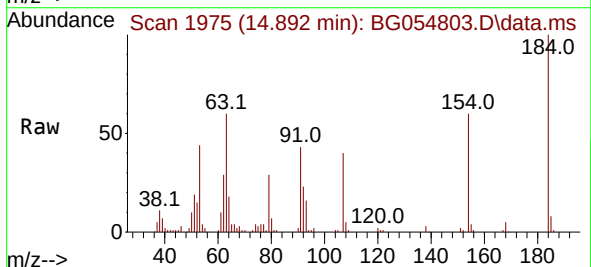
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

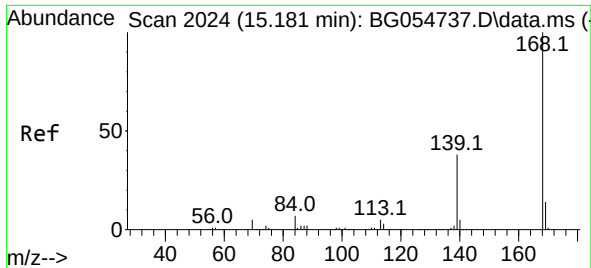
Tgt Ion:138 Resp: 80665
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 112.0 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 79.239 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:184 Resp: 83655
Ion Ratio Lower Upper
184 100
63 59.6 41.8 62.8
154 59.9 45.2 67.8

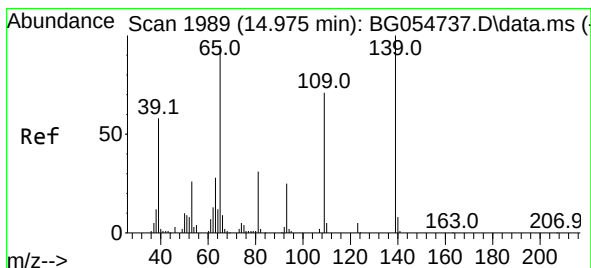
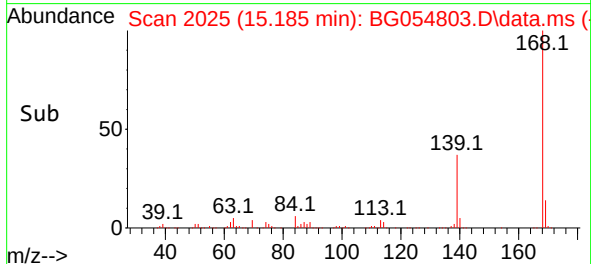
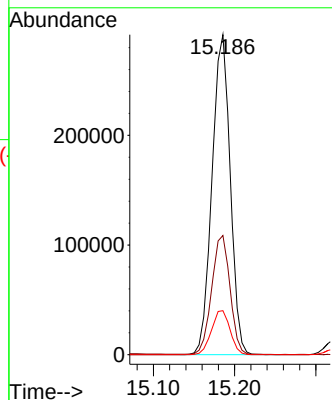
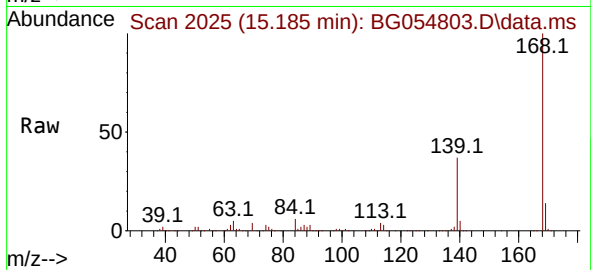




#55
Dibenzofuran
Concen: 43.379 ng
RT: 15.185 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

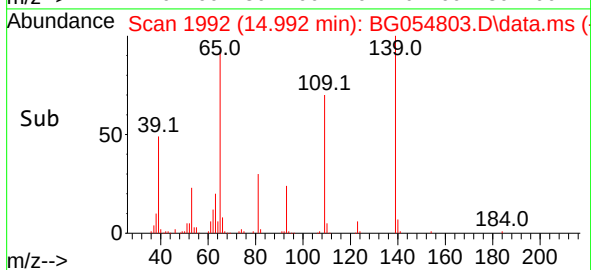
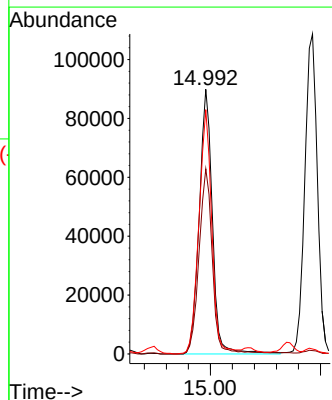
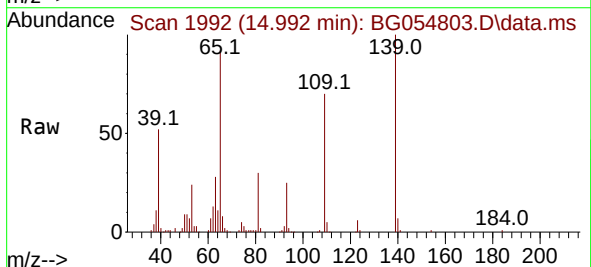
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

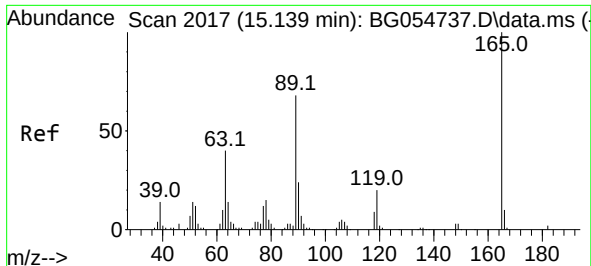
Tgt Ion:168 Resp: 452769
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 92.329 ng
RT: 14.992 min Scan# 1992
Delta R.T. 0.017 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:139 Resp: 149756
Ion Ratio Lower Upper
139 100
109 70.0 50.5 90.5
65 92.3 79.9 119.9

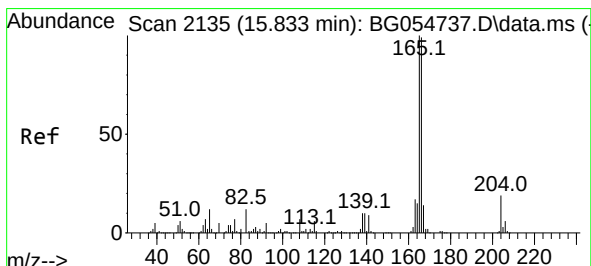
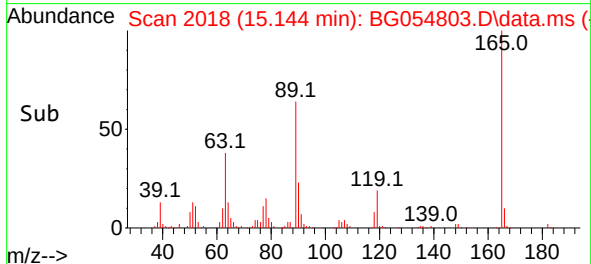
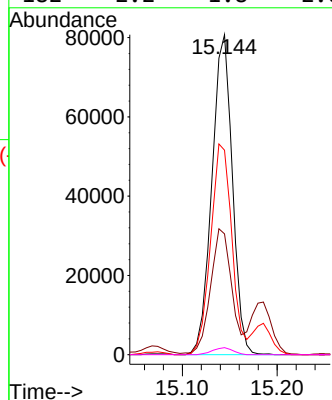
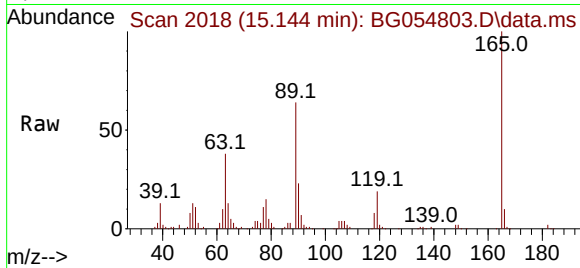




#57
2,4-Dinitrotoluene
Concen: 46.818 ng
RT: 15.144 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

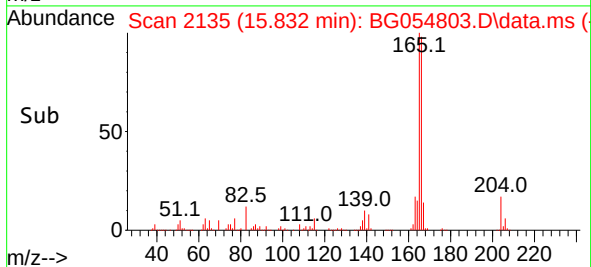
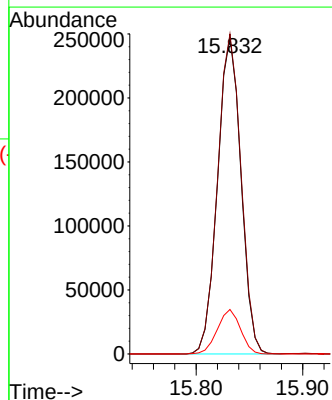
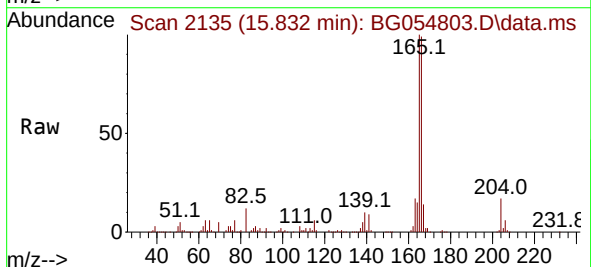
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

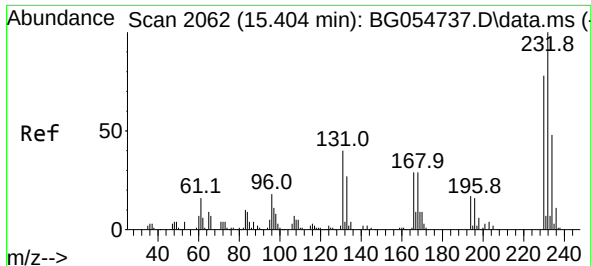
Tgt Ion:165 Resp: 121247
Ion Ratio Lower Upper
165 100
63 37.7 36.8 55.2
89 63.9 64.3 96.5#
182 2.2 1.8 2.6



#58
Fluorene
Concen: 42.816 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:166 Resp: 376476
Ion Ratio Lower Upper
166 100
165 101.0 80.8 121.2
167 14.0 11.4 17.0



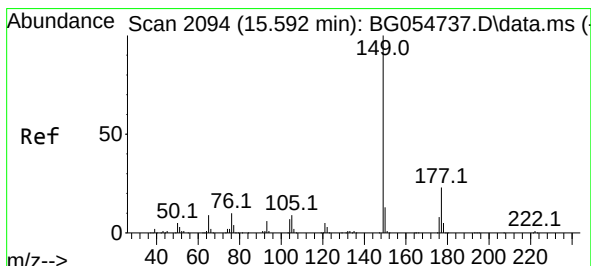
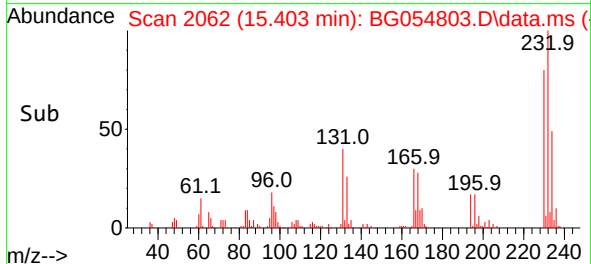
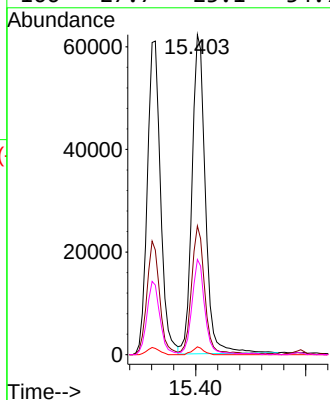
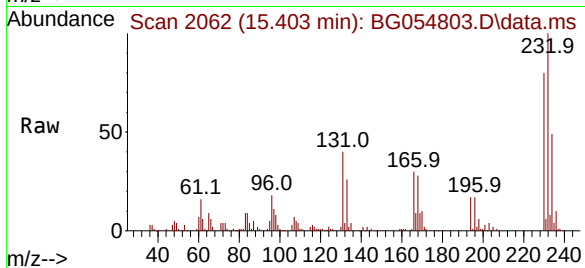


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.542 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Instrument :
BNA_G
ClientSampleId :
PB147287BSD

Tgt Ion:232 Resp: 104794

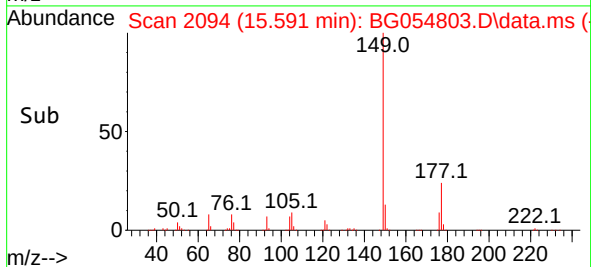
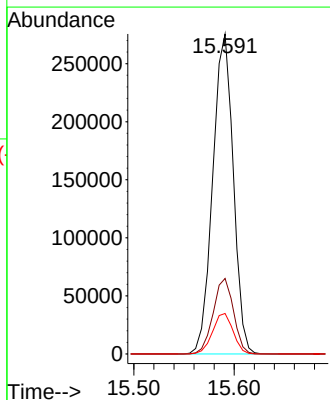
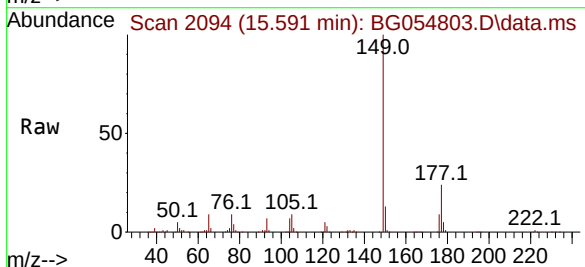
Ion	Ratio	Lower	Upper
232	100		
131	38.8	31.3	46.9
130	2.0	1.8	2.6
166	27.7	23.1	34.7

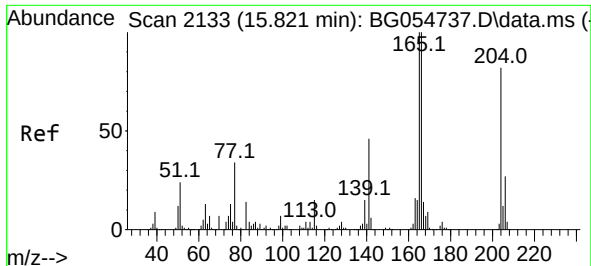


#60
Diethylphthalate
Concen: 42.795 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:149 Resp: 391174

Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.8	26.6
150	12.7	10.1	15.1

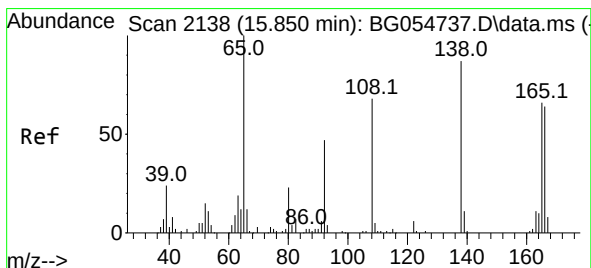
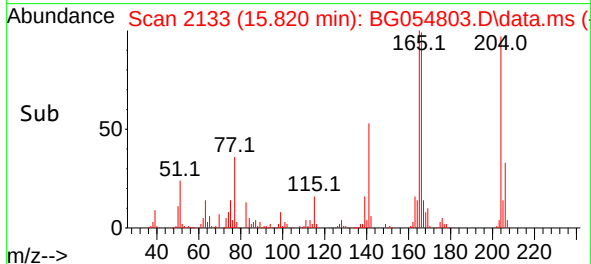
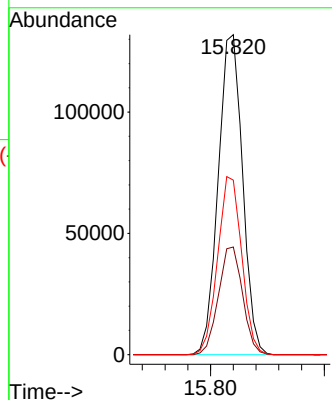
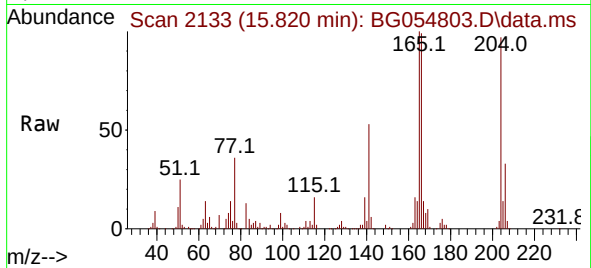




#61
4-Chlorophenyl-phenylether
Concen: 45.242 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

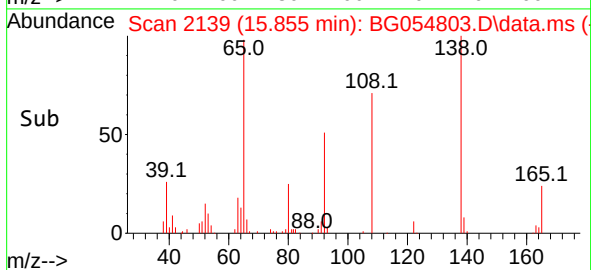
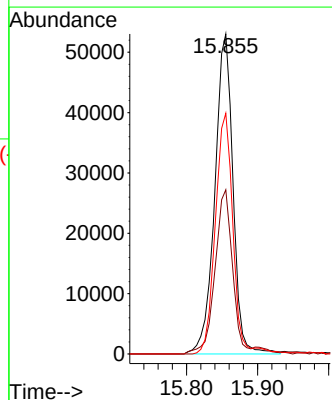
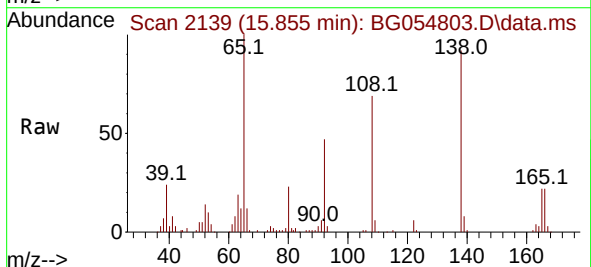
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

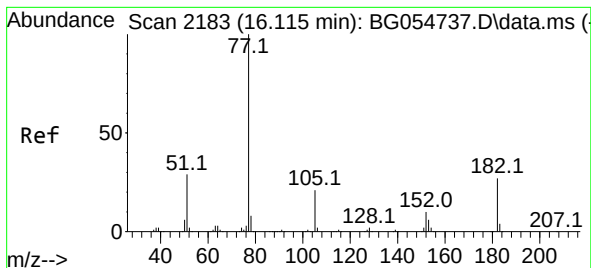
Tgt Ion:204 Resp: 196241
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 54.5 44.9 67.3



#62
4-Nitroaniline
Concen: 43.908 ng
RT: 15.855 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:138 Resp: 93961
Ion Ratio Lower Upper
138 100
92 51.3 34.7 74.7
108 75.2 56.2 96.2





#63

Azobenzene

Concen: 40.859 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

Tgt Ion: 77 Resp: 354939

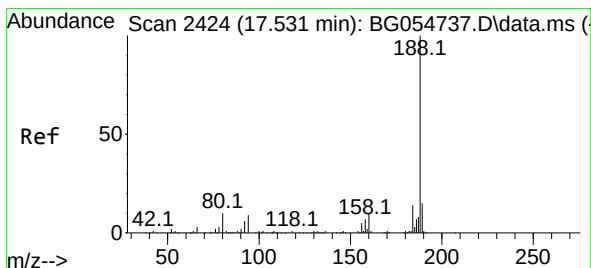
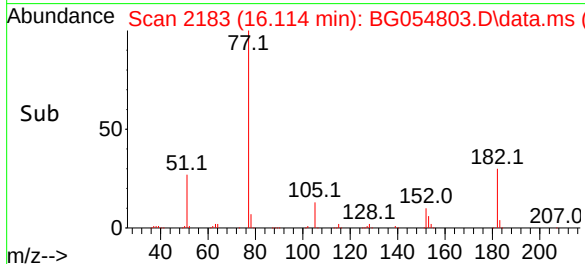
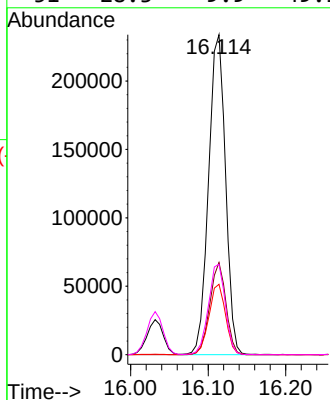
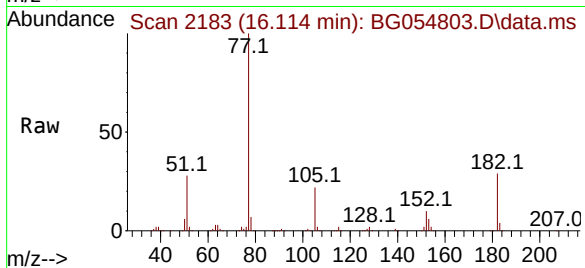
Ion Ratio Lower Upper

77 100

182 28.8 5.1 45.1

105 22.0 0.7 40.7

51 28.3 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.536 min Scan# 2425

Delta R.T. 0.005 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

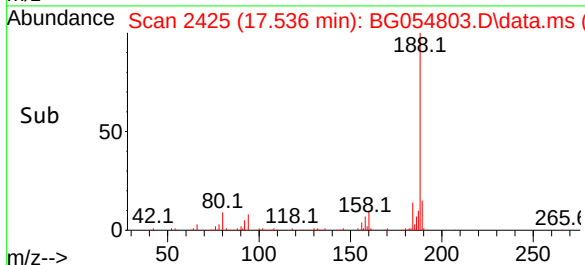
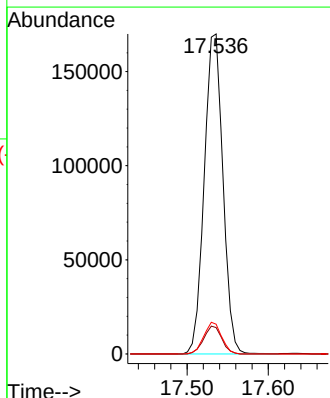
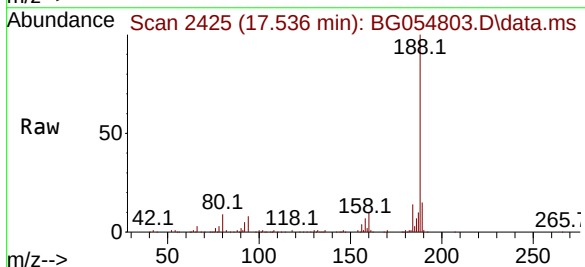
Tgt Ion:188 Resp: 270945

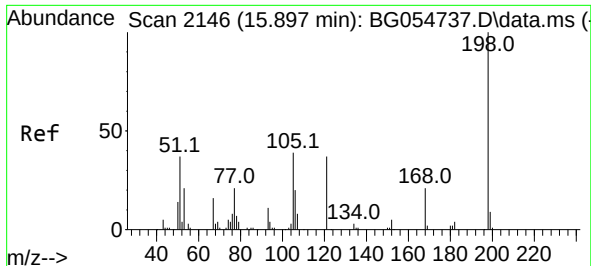
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 9.3 7.9 11.9

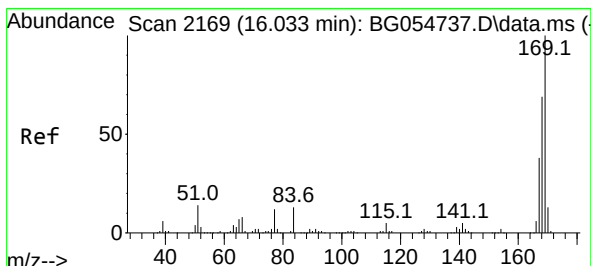
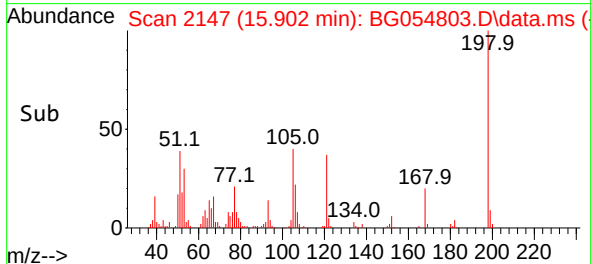
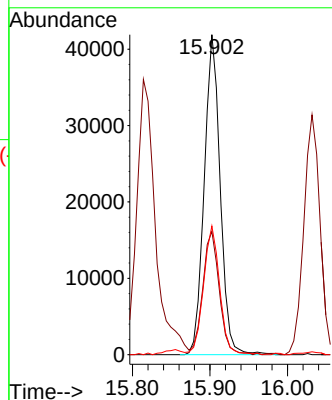
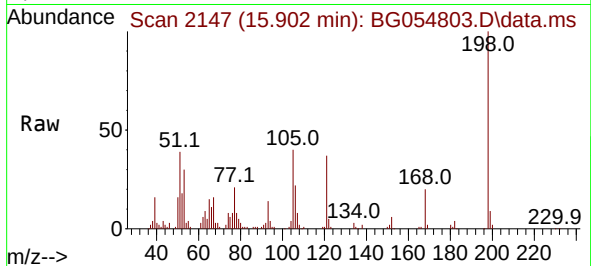




#65
4,6-Dinitro-2-methylphenol
Concen: 43.507 ng
RT: 15.902 min Scan# 2147
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

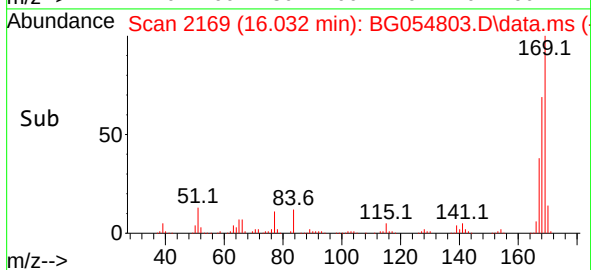
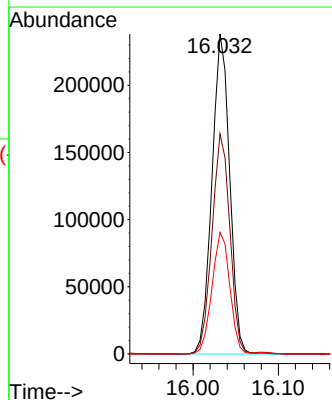
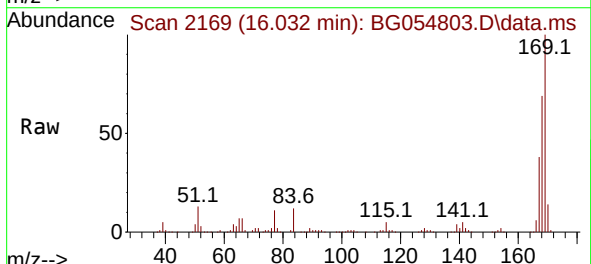
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

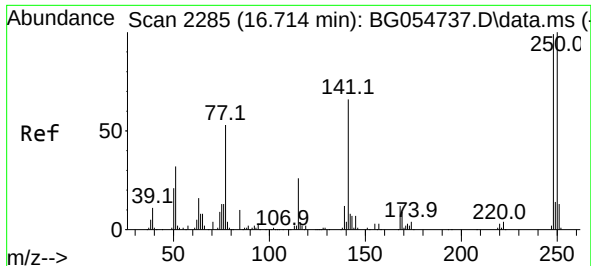
Tgt Ion:198 Resp: 60004
Ion Ratio Lower Upper
198 100
51 38.5 19.9 59.9
105 40.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 43.961 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:169 Resp: 343495
Ion Ratio Lower Upper
169 100
168 68.8 55.6 83.4
167 38.0 30.9 46.3

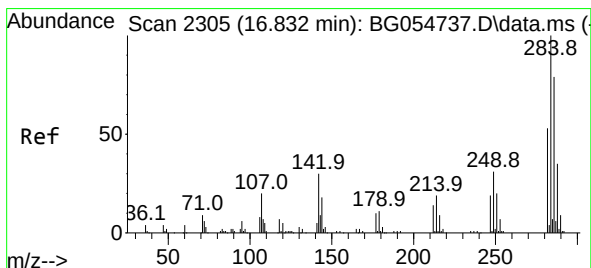
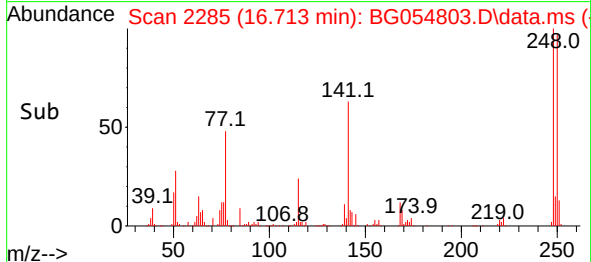
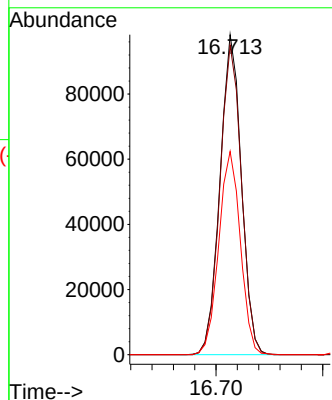
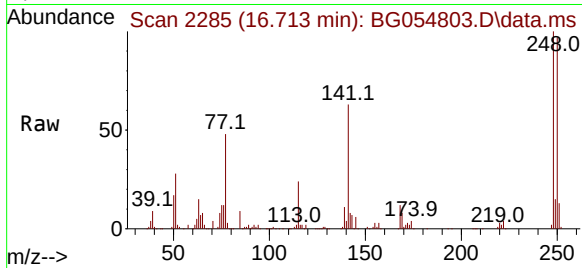




#67
4-Bromophenyl-phenylether
Concen: 45.918 ng
RT: 16.713 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

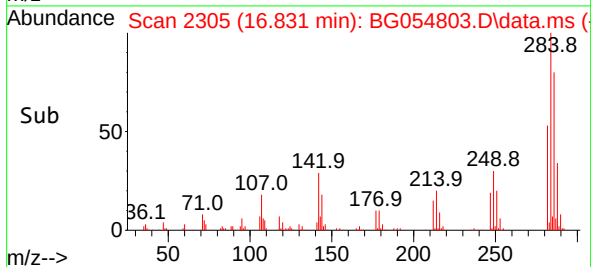
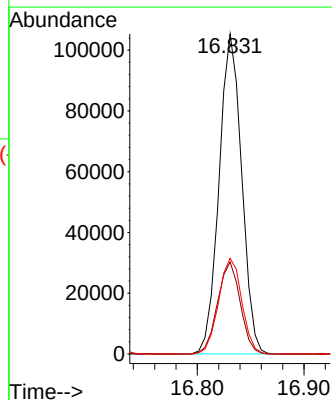
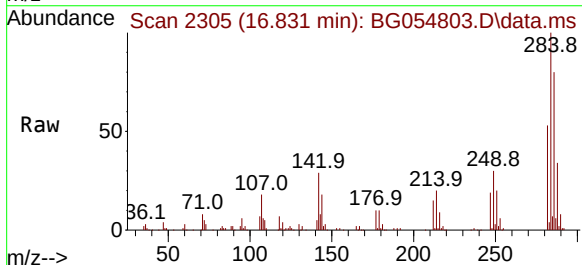
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

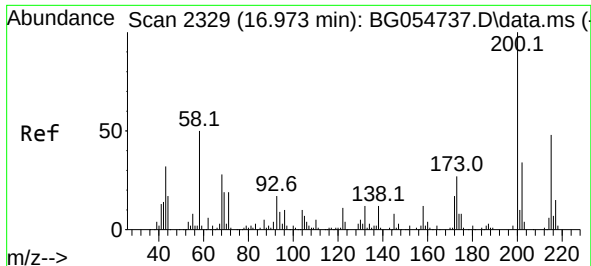
Tgt Ion:248 Resp: 136594
Ion Ratio Lower Upper
248 100
250 96.8 78.8 118.2
141 63.5 51.9 77.9



#68
Hexachlorobenzene
Concen: 46.253 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:284 Resp: 154676
Ion Ratio Lower Upper
284 100
142 28.7 25.0 37.6
249 29.9 24.5 36.7

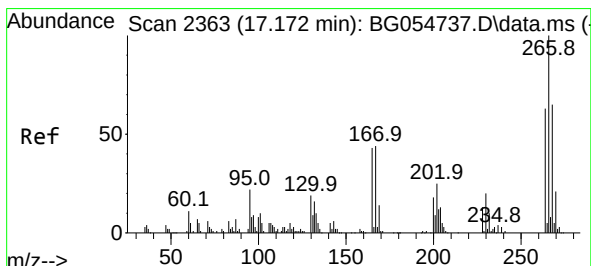
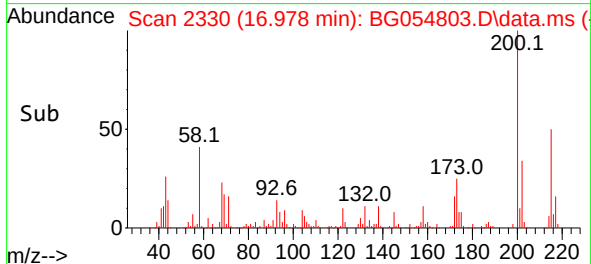
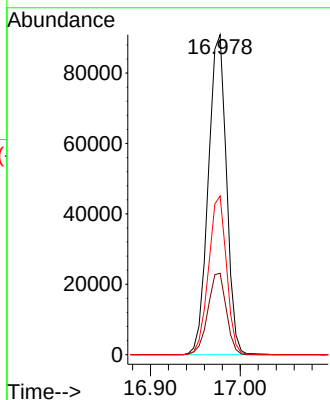
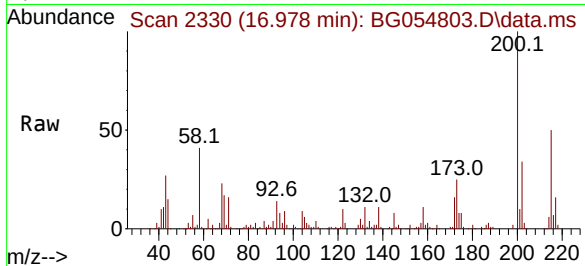




#69
 Atrazine
 Concen: 46.377 ng
 RT: 16.978 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

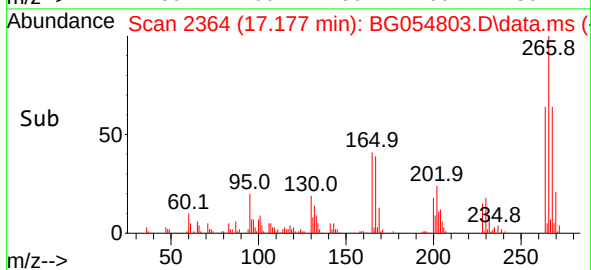
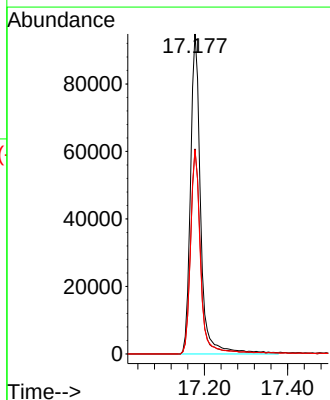
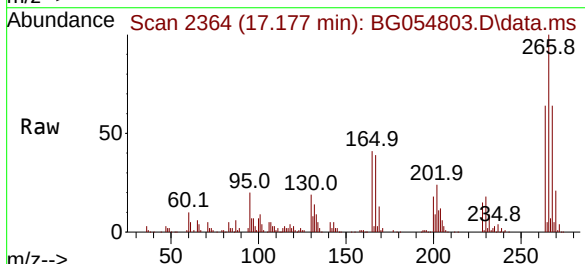
Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

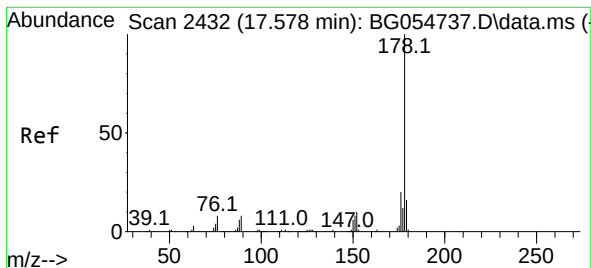
Tgt Ion:200 Resp: 127840
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 49.6 28.2 68.2



#70
 Pentachlorophenol
 Concen: 88.422 ng
 RT: 17.177 min Scan# 2364
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

Tgt Ion:266 Resp: 160661
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 63.7 49.4 74.0





#71

Phenanthrene

Concen: 43.210 ng

RT: 17.577 min Scan# 2432

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

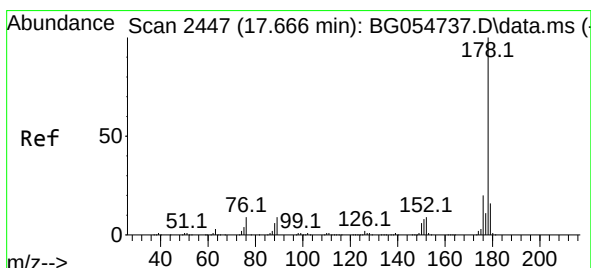
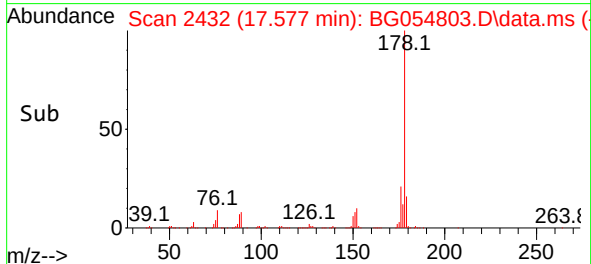
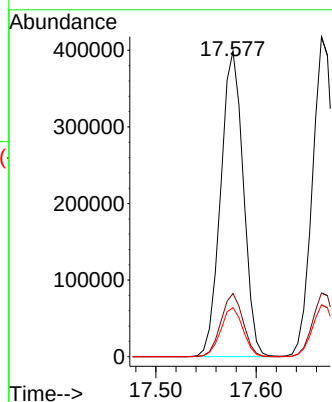
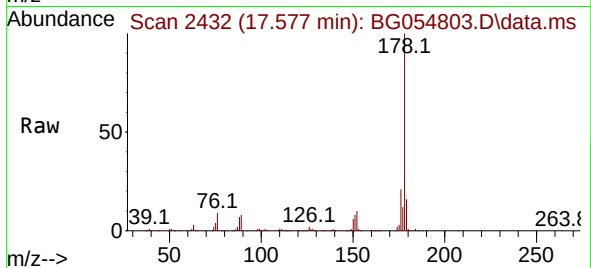
Tgt Ion:178 Resp: 623675

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

179 16.1 12.8 19.2



#72

Anthracene

Concen: 45.075 ng

RT: 17.665 min Scan# 2447

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

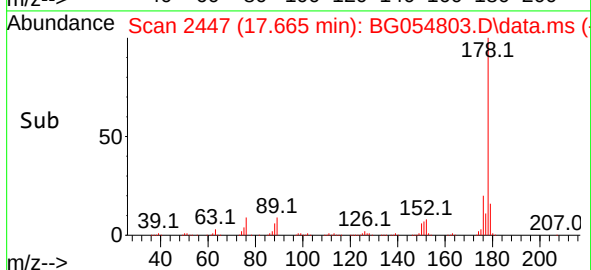
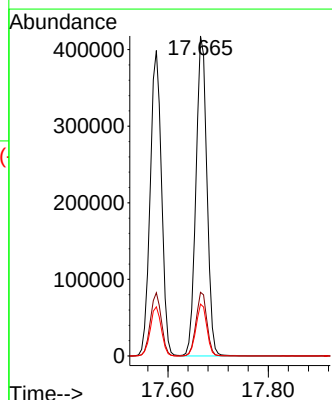
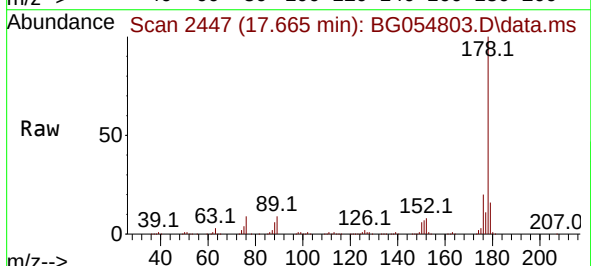
Tgt Ion:178 Resp: 632520

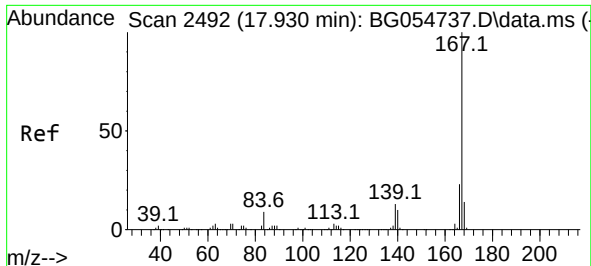
Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

179 16.2 12.9 19.3

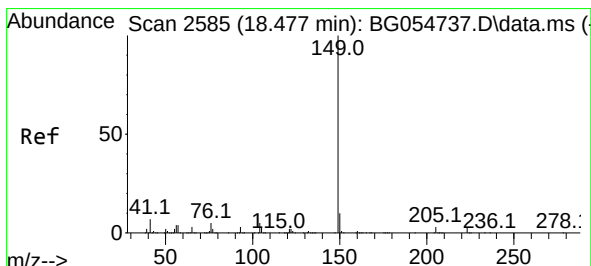
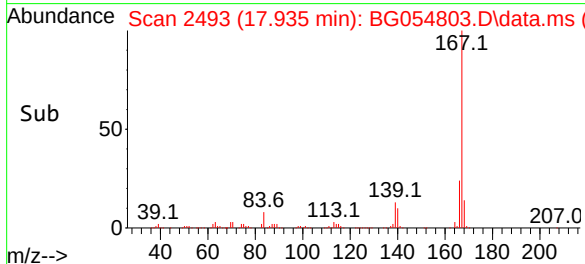
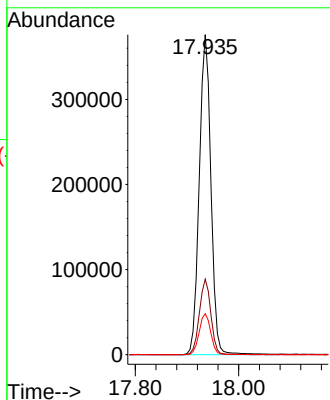
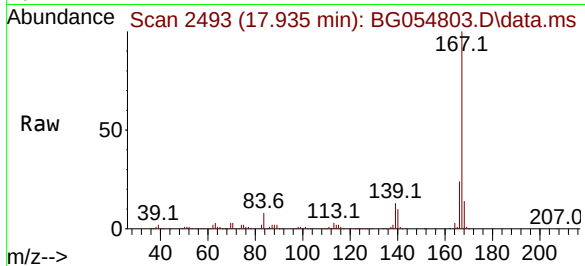




#73
 Carbazole
 Concen: 45.432 ng
 RT: 17.935 min Scan# 2492
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

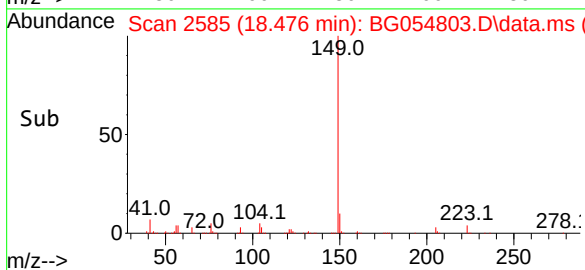
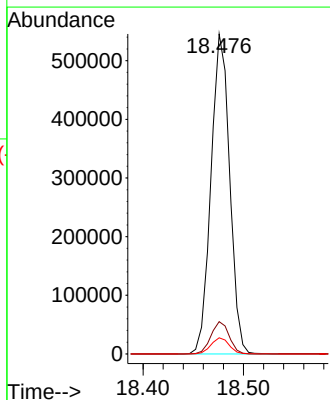
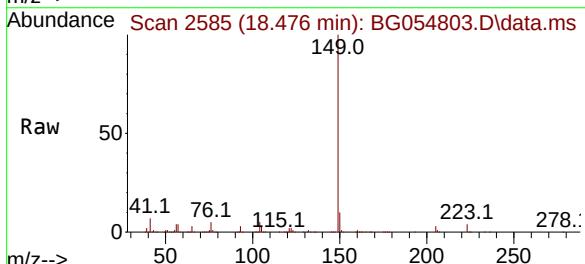
Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

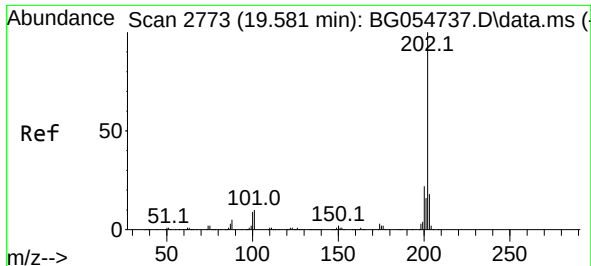
Tgt Ion:167 Resp: 587389
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.8 28.2
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 43.151 ng
 RT: 18.476 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

Tgt Ion:149 Resp: 705960
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.0 4.4 6.6

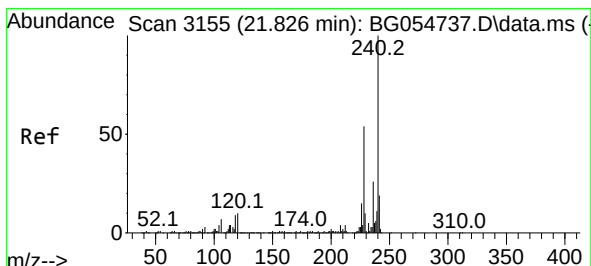
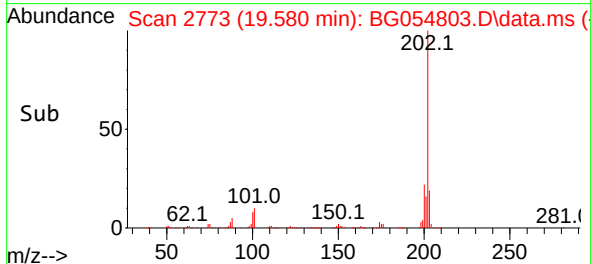
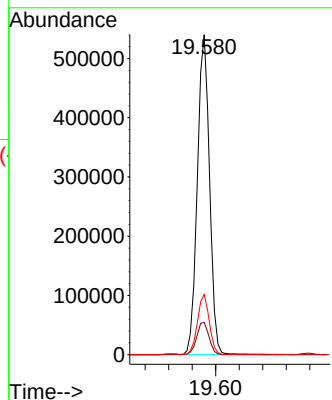
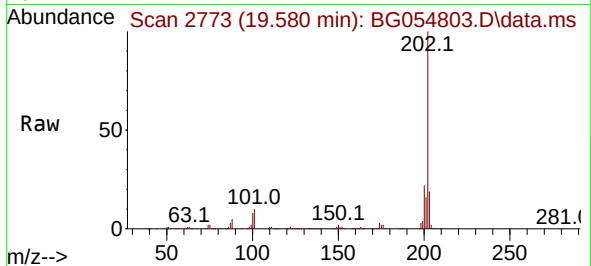




#75
Fluoranthene
Concen: 44.028 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

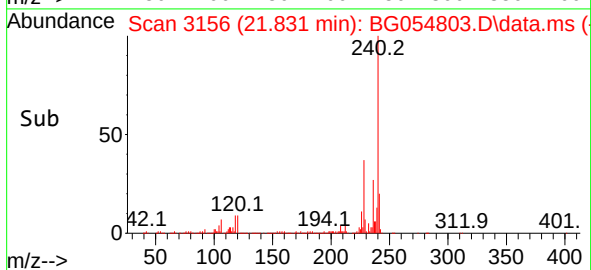
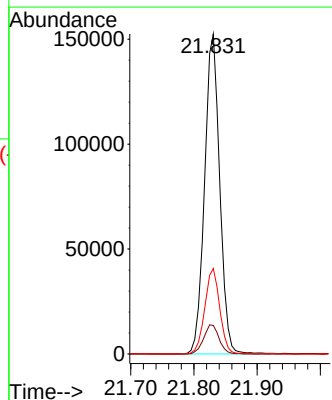
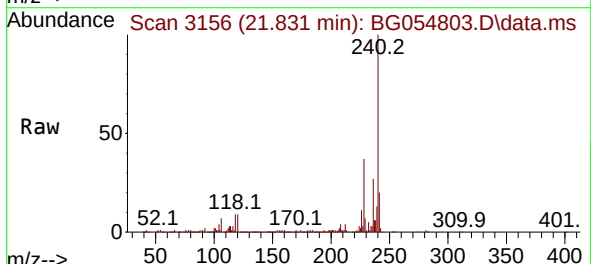
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

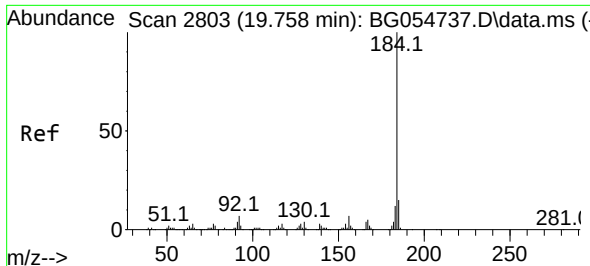
Tgt Ion:202 Resp: 773055
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.8 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:240 Resp: 254772
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.7 21.2 31.8

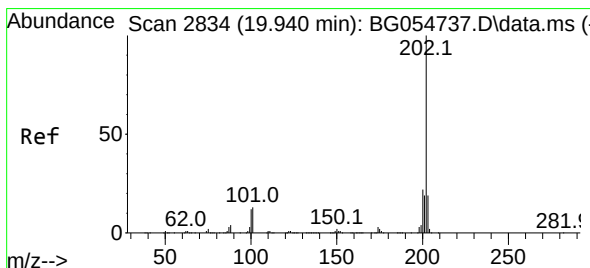
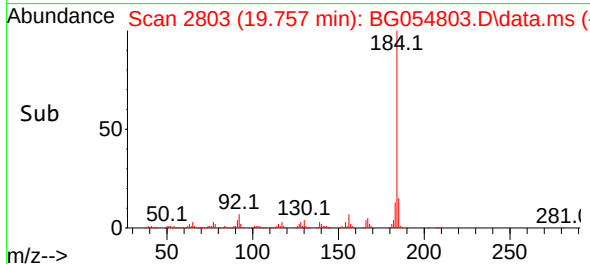
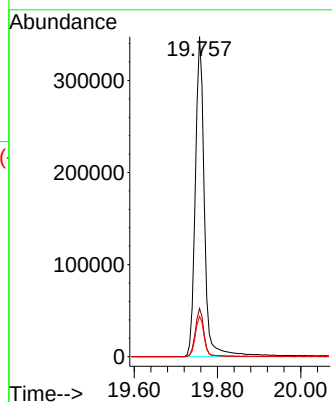
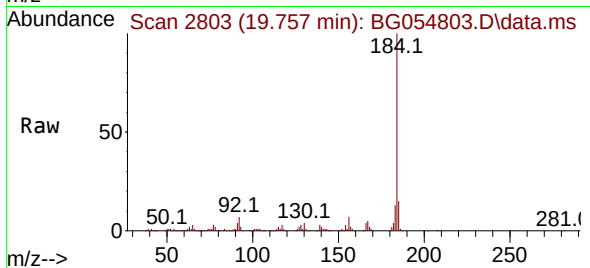




#77
Benzidine
Concen: 84.081 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

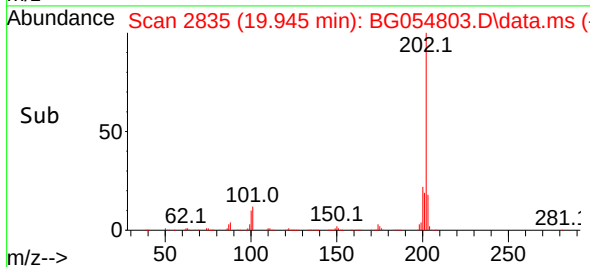
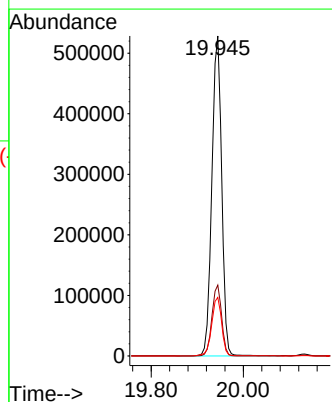
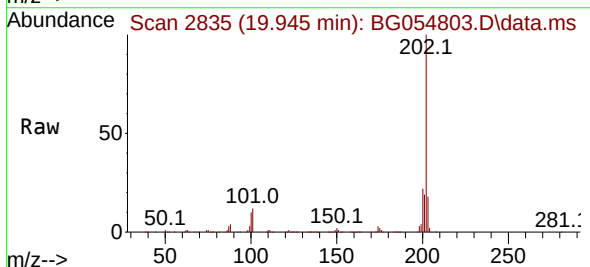
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

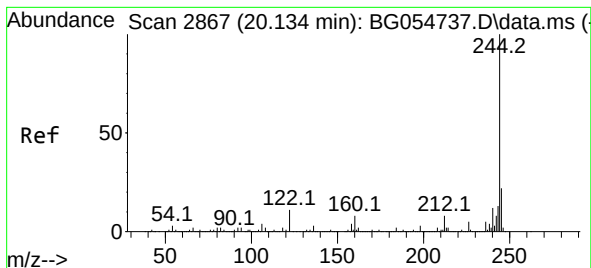
Tgt Ion:184 Resp: 530581
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.0
183 12.6 9.8 14.8



#78
Pyrene
Concen: 44.063 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:202 Resp: 782776
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 90.856 ng

RT: 20.133 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

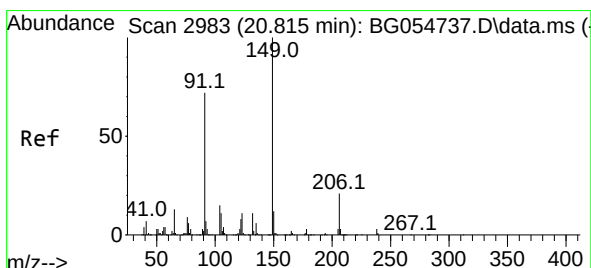
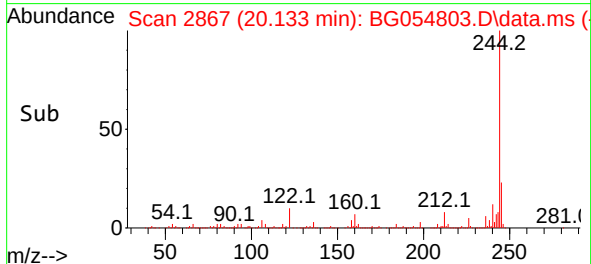
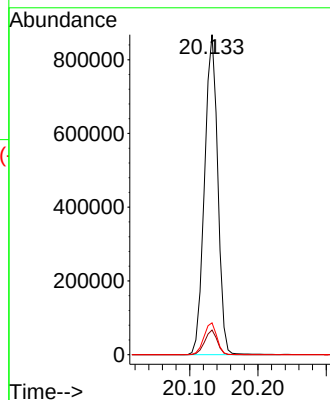
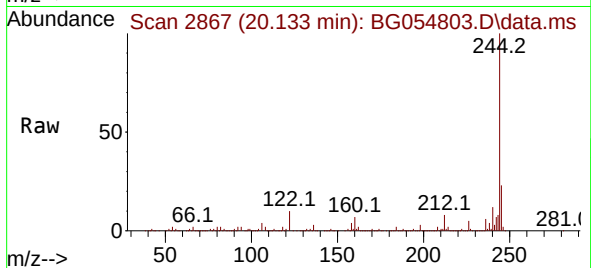
Tgt Ion:244 Resp: 1168247

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 42.408 ng

RT: 20.814 min Scan# 2983

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

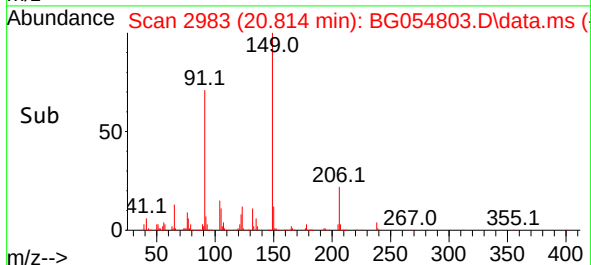
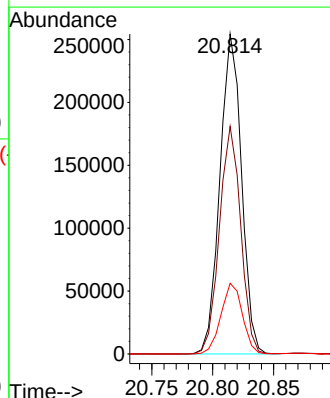
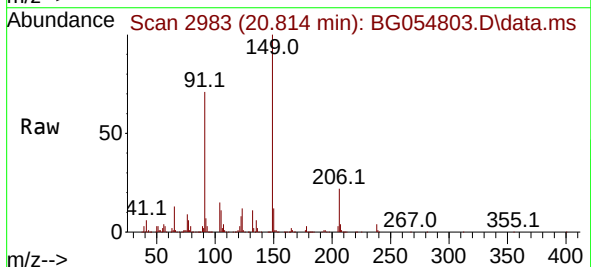
Tgt Ion:149 Resp: 314250

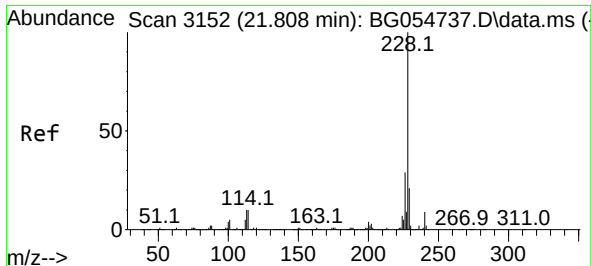
Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

206 22.1 16.6 25.0

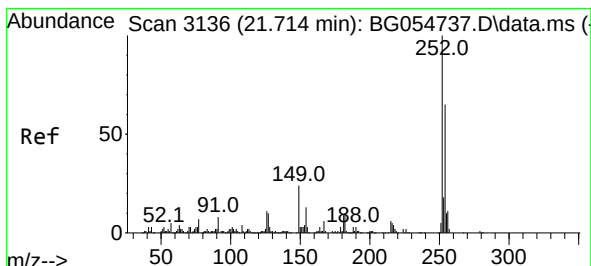
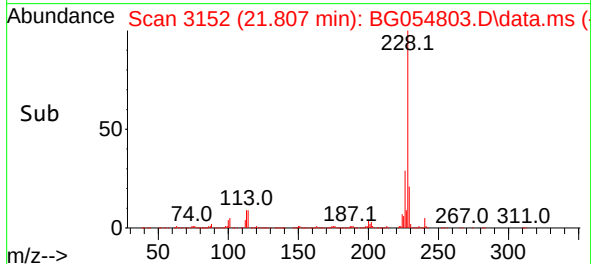
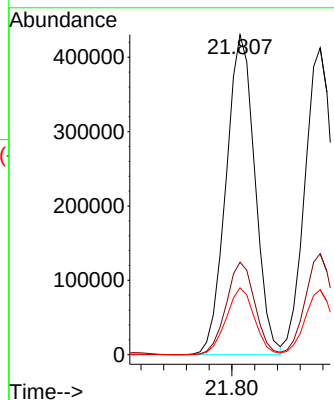
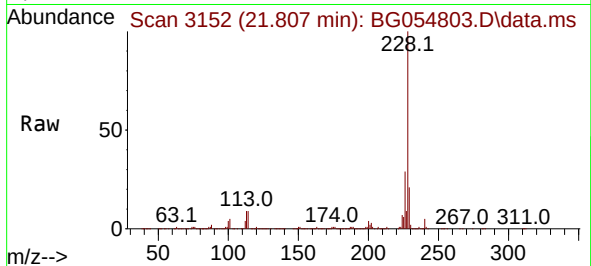




#81
Benzo(a)anthracene
Concen: 43.885 ng
RT: 21.807 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

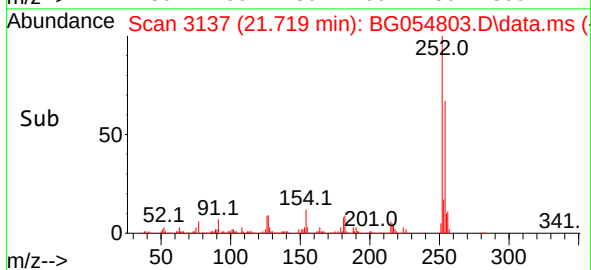
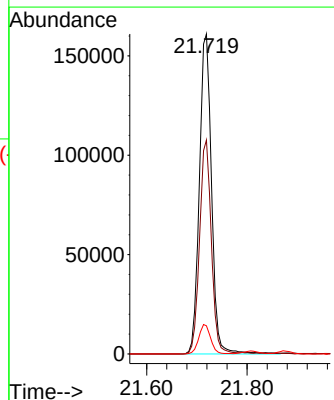
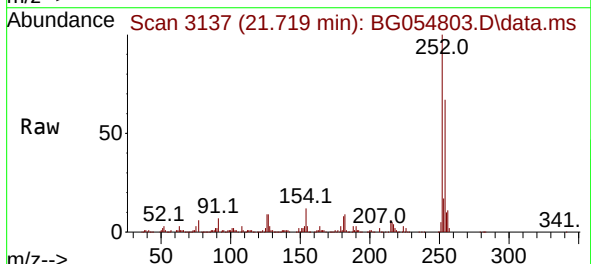
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

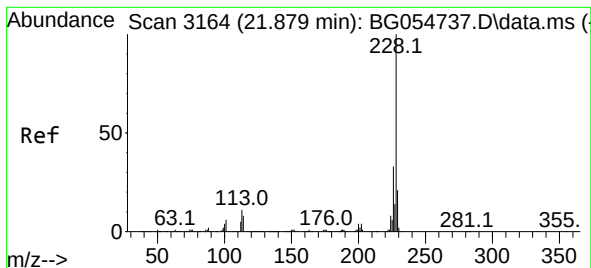
Tgt Ion:228 Resp: 758086
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 20.9 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 44.671 ng
RT: 21.719 min Scan# 3137
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:252 Resp: 270546
Ion Ratio Lower Upper
252 100
254 66.9 51.4 77.2
126 8.8 8.2 12.2





#83

Chrysene

Concen: 43.328 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

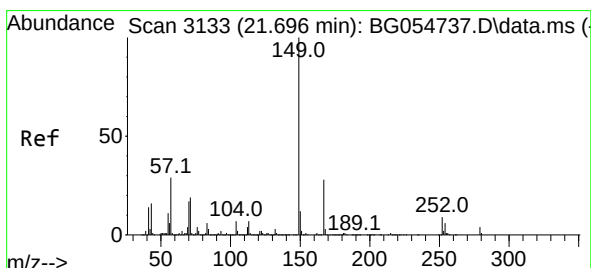
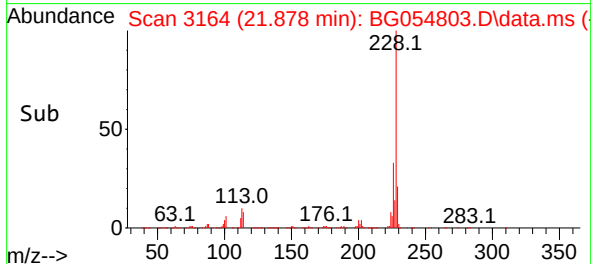
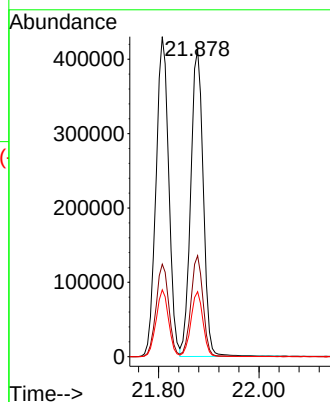
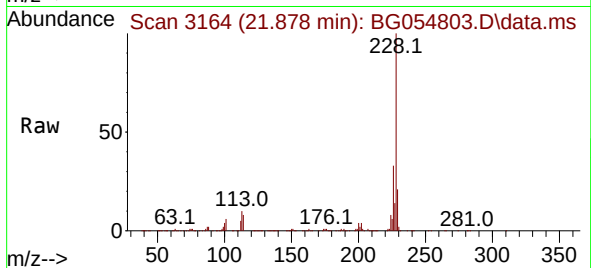
Tgt Ion:228 Resp: 715640

Ion Ratio Lower Upper

228 100

226 32.9 25.5 38.3

229 21.2 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.473 ng

RT: 21.690 min Scan# 3132

Delta R.T. -0.007 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

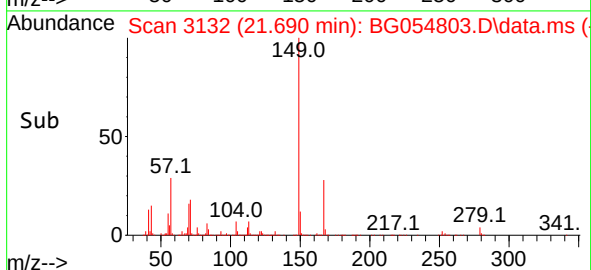
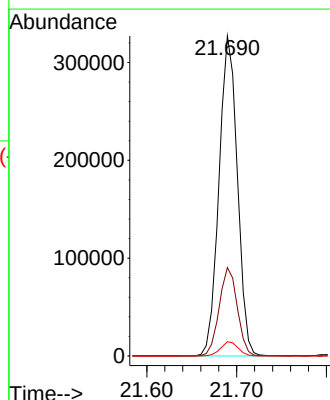
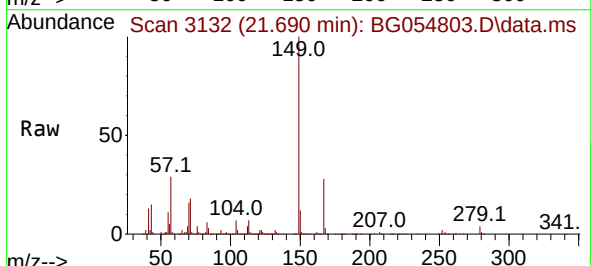
Tgt Ion:149 Resp: 464119

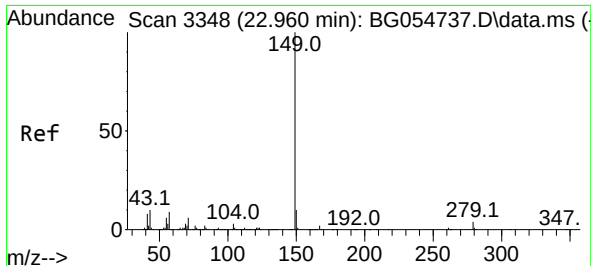
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.4 3.1 4.7

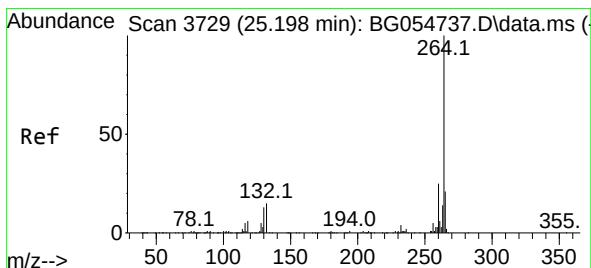
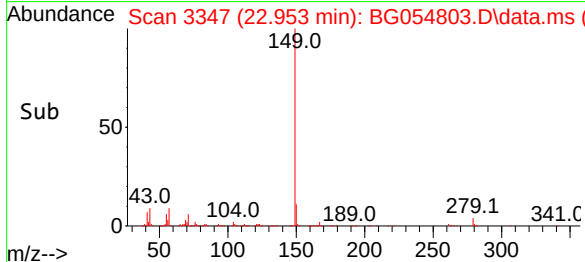
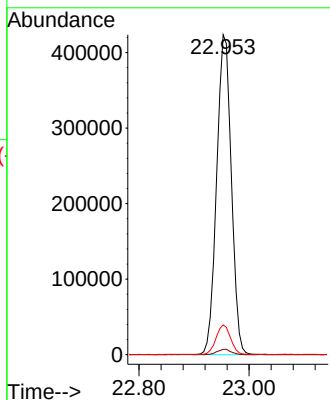
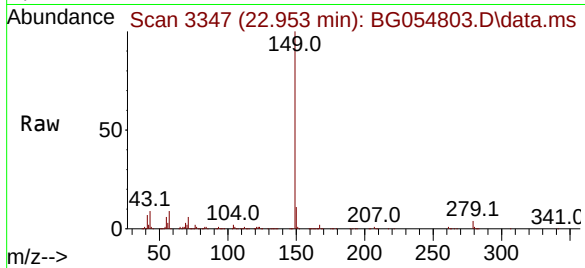




#85
Di-n-octyl phthalate
Concen: 43.393 ng
RT: 22.953 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

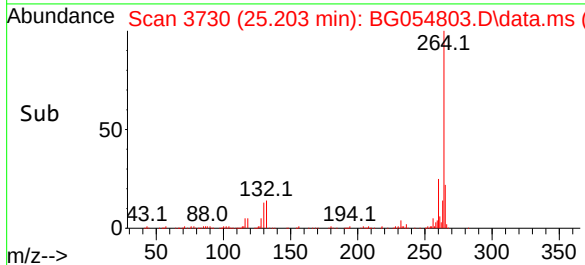
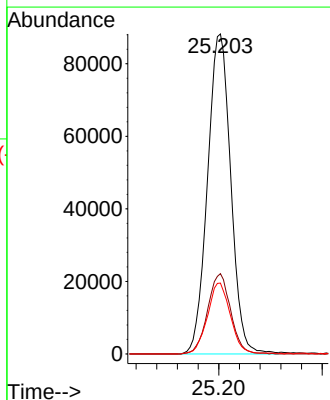
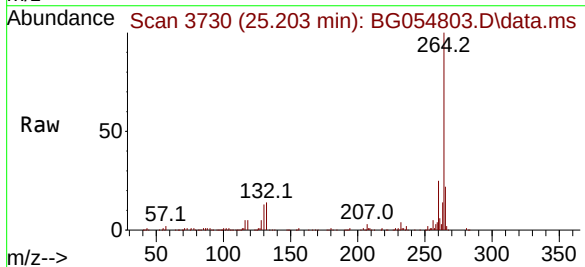
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

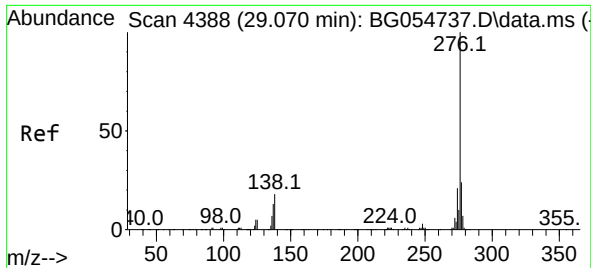
Tgt Ion:149 Resp: 785631
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3730
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:264 Resp: 275431
Ion Ratio Lower Upper
264 100
260 25.1 19.9 29.9
265 22.2 16.9 25.3

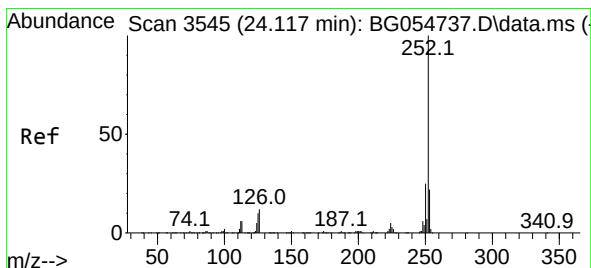
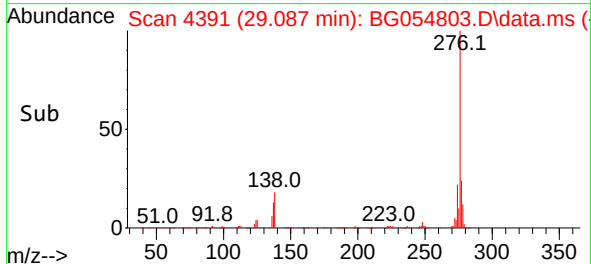
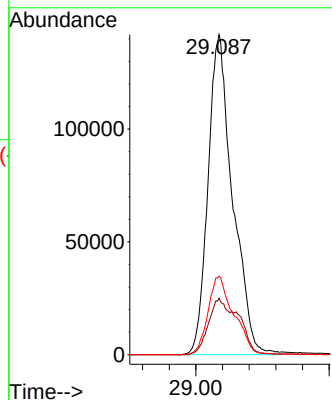
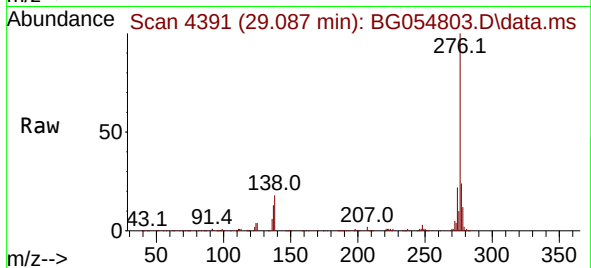




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.488 ng
 RT: 29.087 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

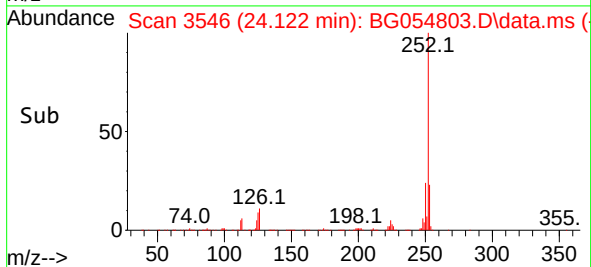
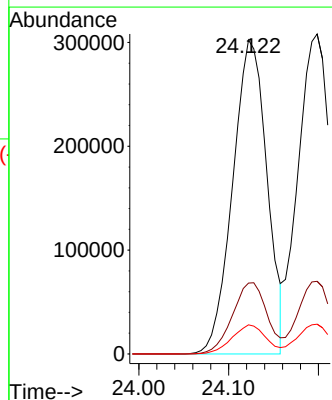
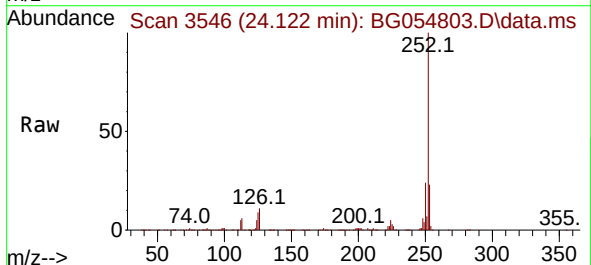
Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

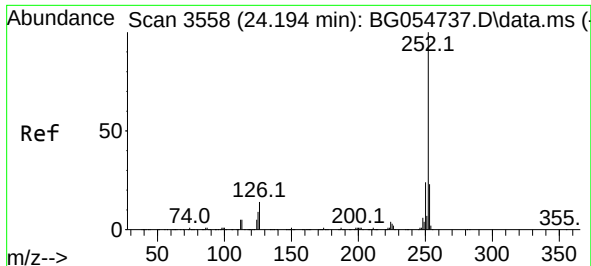
Tgt Ion:276 Resp: 909317
 Ion Ratio Lower Upper
 276 100
 138 21.5 12.0 18.0#
 277 25.6 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 46.388 ng
 RT: 24.122 min Scan# 3546
 Delta R.T. 0.005 min
 Lab File: BG054803.D
 Acq: 31 Aug 2022 12:20

Tgt Ion:252 Resp: 801489
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 9.3 8.1 12.1

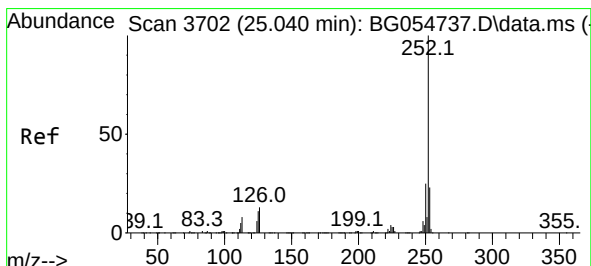
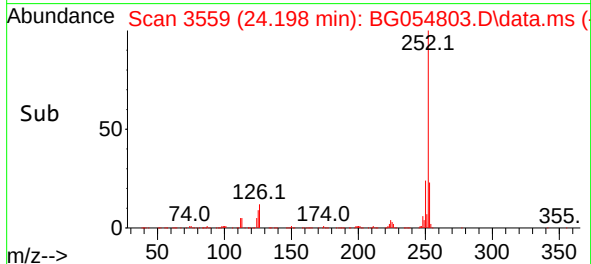
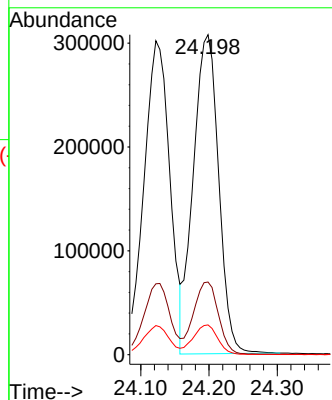
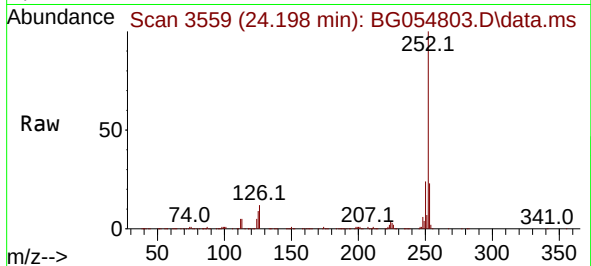




#89
Benzo(k)fluoranthene
Concen: 45.539 ng
RT: 24.198 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

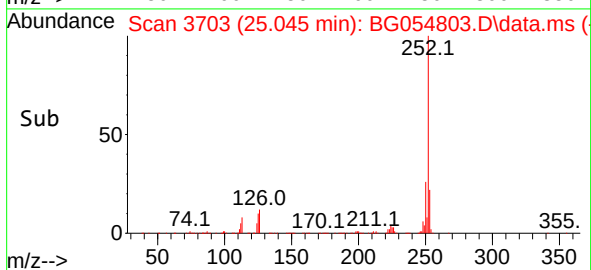
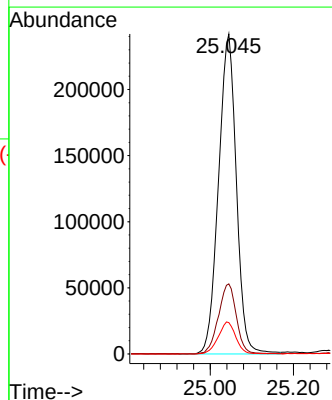
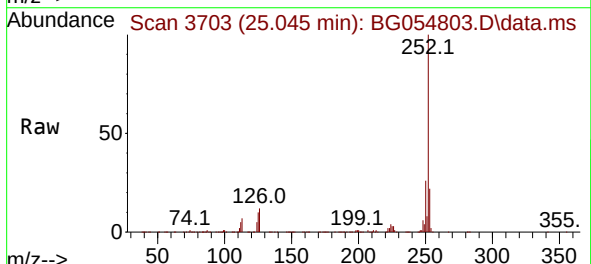
Instrument :
BNA_G
ClientSampleId :
PB147287BSD

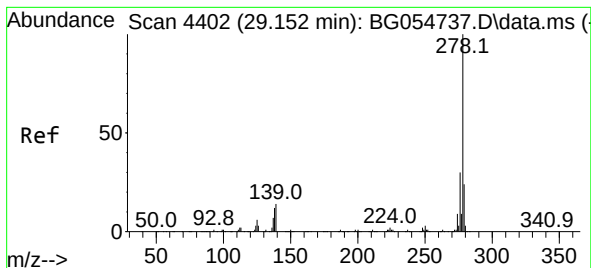
Tgt Ion:252 Resp: 791859
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 48.710 ng
RT: 25.045 min Scan# 3703
Delta R.T. 0.005 min
Lab File: BG054803.D
Acq: 31 Aug 2022 12:20

Tgt Ion:252 Resp: 719044
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.141 ng

RT: 29.157 min Scan# 4403

Delta R.T. 0.005 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Instrument :

BNA_G

ClientSampleId :

PB147287BSD

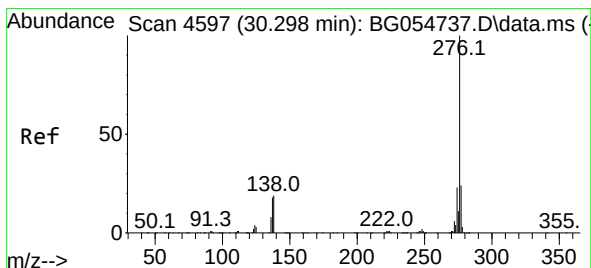
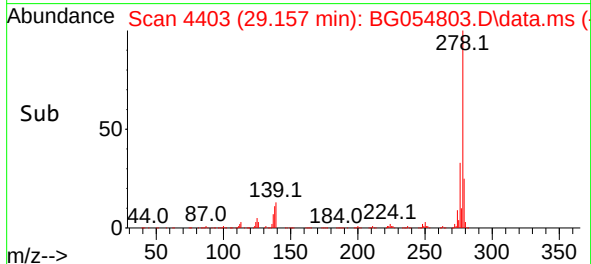
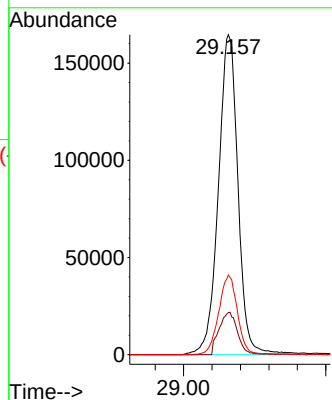
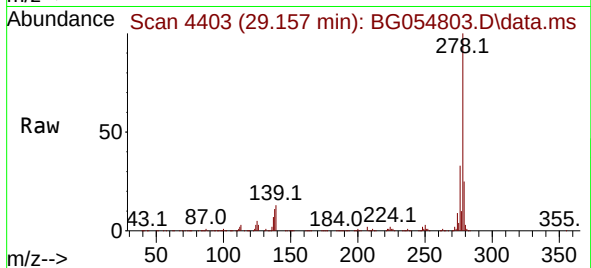
Tgt Ion:278 Resp: 786007

Ion Ratio Lower Upper

278 100

139 13.1 11.4 17.2

279 24.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 45.126 ng

RT: 30.309 min Scan# 4599

Delta R.T. 0.011 min

Lab File: BG054803.D

Acq: 31 Aug 2022 12:20

Tgt Ion:276 Resp: 776597

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 17.8 16.6 25.0

