

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059965.D
 Acq On : 6 Dec 2023 11:51
 Operator : MA/JU
 Sample : PB157546BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157546BS

Quant Time: Dec 06 12:38:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	106724	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	404210	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	414055	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	1504091	20.000	ng	0.00
76) Chrysene-d12	21.624	240	2084592	20.000	ng	0.00
86) Perylene-d12	24.815	264	2169235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	741659	139.628	ng	0.01
7) Phenol-d6	7.118	99	1060868	126.718	ng	0.00
23) Nitrobenzene-d5	9.121	82	729260	64.493	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	1610573	120.897	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2654454	69.922	ng	0.00
79) Terphenyl-d14	19.973	244	6386354	52.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	57934	32.259	ng	# 95
3) Pyridine	3.822	79	161346	30.105	ng	91
4) n-Nitrosodimethylamine	3.740	42	108338	38.452	ng	# 88
6) Aniline	7.282	93	271857	29.422	ng	97
8) 2-Chlorophenol	7.523	128	244314	47.154	ng	95
9) Benzaldehyde	7.094	77	15250	2.452	ng	97
10) Phenol	7.141	94	371257	44.335	ng	94
11) bis(2-Chloroethyl)ether	7.376	93	213441	36.626	ng	92
12) 1,3-Dichlorobenzene	7.852	146	298605	40.045	ng	92
13) 1,4-Dichlorobenzene	7.852	146	298605	38.683	ng	98
14) 1,2-Dichlorobenzene	8.311	146	294143	38.869	ng	97
15) Benzyl Alcohol	8.193	79	348068	42.072	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.493	45	120018	39.215	ng	94
17) 2-Methylphenol	8.399	107	247315	43.828	ng	95
18) Hexachloroethane	9.045	117	106247	35.474	ng	94
19) n-Nitroso-di-n-propyla...	8.763	70	225875	36.002	ng	# 92
20) 3+4-Methylphenols	8.722	107	354201	44.235	ng	95
22) Acetophenone	8.781	105	477737	36.986	ng	# 93
24) Nitrobenzene	9.163	77	386541	34.163	ng	# 91
25) Isophorone	9.686	82	673321	34.634	ng	# 93
26) 2-Nitrophenol	9.874	139	150606	41.856	ng	96
27) 2,4-Dimethylphenol	9.932	122	263349	53.320	ng	90
28) bis(2-Chloroethoxy)met...	10.173	93	322901	35.352	ng	# 90
29) 2,4-Dichlorophenol	10.408	162	412127	41.908	ng	87
30) 1,2,4-Trichlorobenzene	10.626	180	514310	35.865	ng	96
31) Naphthalene	10.820	128	831202	40.004	ng	99
32) Benzoic acid	10.062	122	210972	44.795	ng	93
33) 4-Chloroaniline	10.919	127	204508	25.238	ng	96
34) Hexachlorobutadiene	11.102	225	516193	32.105	ng	94
35) Caprolactam	11.748	113	39738	19.213	ng	89
36) 4-Chloro-3-methylphenol	12.036	107	361703	44.664	ng	93
37) 2-Methylnaphthalene	12.424	142	683061	38.731	ng	97
38) 1-Methylnaphthalene	12.641	142	676315	39.268	ng	92
40) 1,2,4,5-Tetrachloroben...	12.788	216	1034648	35.003	ng	99
41) Hexachlorocyclopentadiene	12.770	237	1167533	77.952	ng	91
43) 2,4,6-Trichlorophenol	13.029	196	591131	39.055	ng	96

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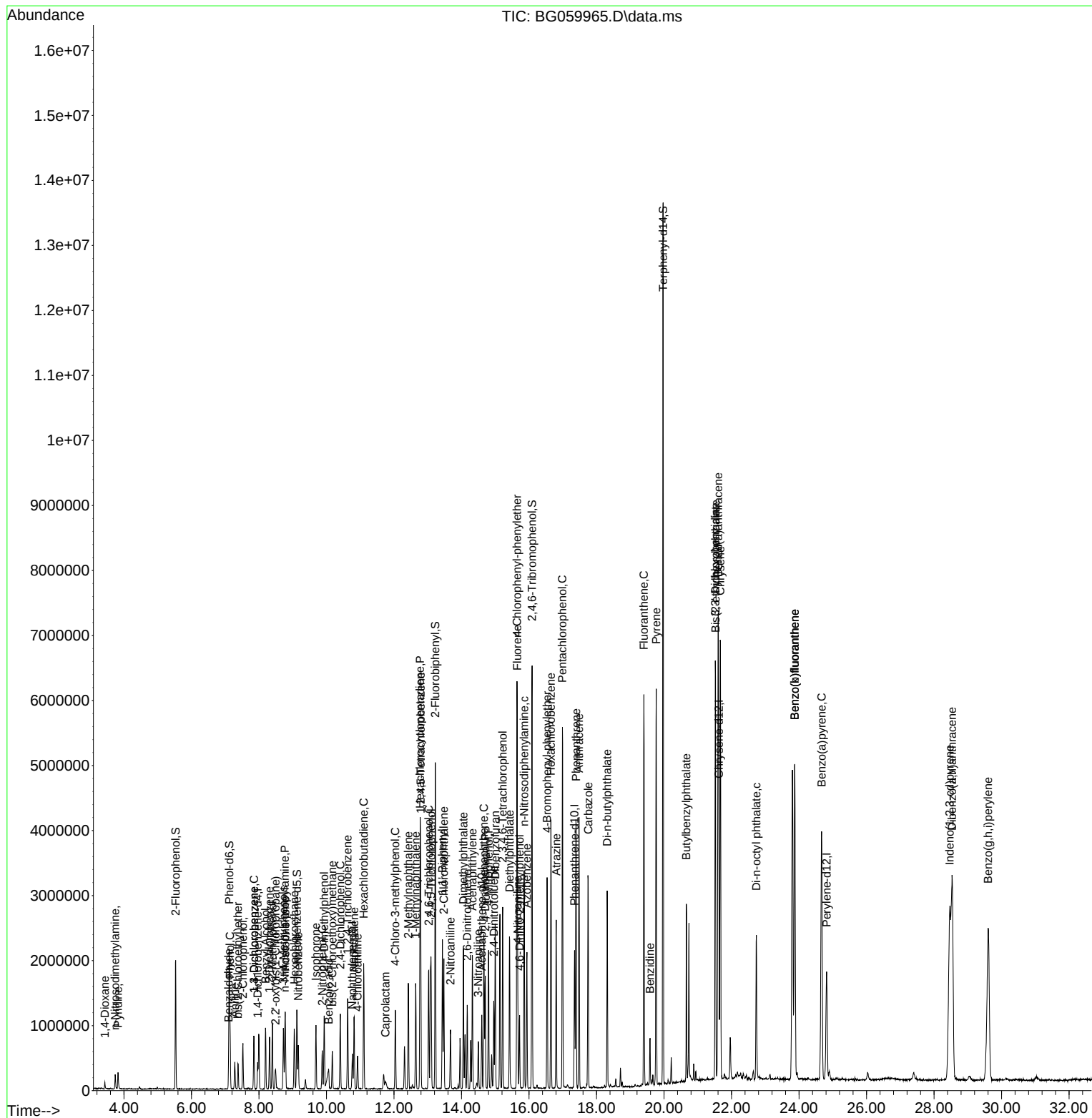
Quant Time: Dec 06 12:38:08 2023
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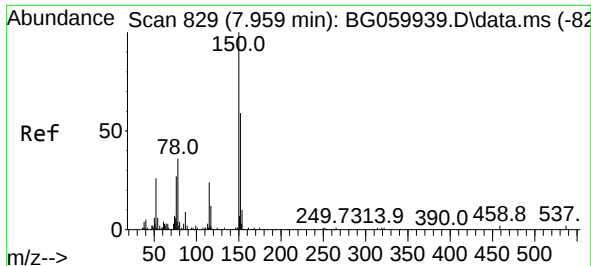
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	664631	39.932	ng	94
46) 1,1'-Biphenyl	13.434	154	1175296	38.841	ng	99
47) 2-Chloronaphthalene	13.475	162	1015043	37.493	ng	98
48) 2-Nitroaniline	13.675	65	222734	43.404	ng	90
49) Acenaphthylene	14.321	152	1489259	41.102	ng	99
50) Dimethylphthalate	14.057	163	1408663	39.965	ng	99
51) 2,6-Dinitrotoluene	14.169	165	293717	38.034	ng	91
52) Acenaphthene	14.662	154	905634	34.630	ng	95
53) 3-Nitroaniline	14.498	138	165796	34.607	ng	# 89
54) 2,4-Dinitrophenol	14.703	184	584932	86.842	ng	92
55) Dibenzofuran	14.997	168	1738865	39.420	ng	96
56) 4-Nitrophenol	14.803	139	367725	88.443	ng	90
57) 2,4-Dinitrotoluene	14.956	165	445775	41.504	ng	91
58) Fluorene	15.649	166	1495379	39.837	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.220	232	826618	41.749	ng	98
60) Diethylphthalate	15.420	149	1274334	40.592	ng	99
61) 4-Chlorophenyl-phenyle...	15.643	204	1240534	36.431	ng	96
62) 4-Nitroaniline	15.667	138	230941	41.879	ng	93
63) Azobenzene	15.937	77	1120440	34.403	ng	91
65) 4,6-Dinitro-2-methylph...	15.720	198	428344	37.249	ng	98
66) n-Nitrosodiphenylamine	15.855	169	1404456	40.764	ng	99
67) 4-Bromophenyl-phenylether	16.536	248	932486	36.186	ng	# 93
68) Hexachlorobenzene	16.648	284	1061668	37.080	ng	99
69) Atrazine	16.807	200	744383	43.788	ng	98
70) Pentachlorophenol	16.989	266	1370098	66.036	ng	96
71) Phenanthrene	17.394	178	2879319	40.541	ng	100
72) Anthracene	17.482	178	2913527	40.133	ng	99
73) Carbazole	17.753	167	2303405	41.747	ng	96
74) Di-n-butylphthalate	18.317	149	2052037	42.999	ng	98
75) Fluoranthene	19.404	202	4196926	35.957	ng	94
77) Benzidine	19.586	184	526799	29.984	ng	99
78) Pyrene	19.768	202	4257984	38.382	ng	92
80) Butylbenzylphthalate	20.661	149	787296	50.028	ng	91
81) Benzo(a)anthracene	21.601	228	5296918	38.084	ng	90
82) 3,3'-Dichlorobenzidine	21.519	252	1806285	39.543	ng	# 99
83) Chrysene	21.666	228	4868607	37.336	ng	93
84) Bis(2-ethylhexyl)phtha...	21.525	149	1179788	48.993	ng	99
85) Di-n-octyl phthalate	22.735	149	2039147	48.999	ng	98
87) Indeno(1,2,3-cd)pyrene	28.464	276	7266004	45.361	ng	# 99
88) Benzo(b)fluoranthene	23.875	252	5666313	42.260	ng	98
89) Benzo(k)fluoranthene	23.875	252	5666313	43.370	ng	97
90) Benzo(a)pyrene	24.668	252	5194142	43.377	ng	# 97
91) Dibenzo(a,h)anthracene	28.534	278	6260061	46.029	ng	99
92) Benzo(g,h,i)perylene	29.603	276	5818951	44.239	ng	# 98

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

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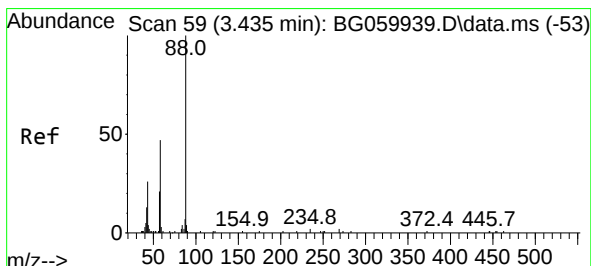
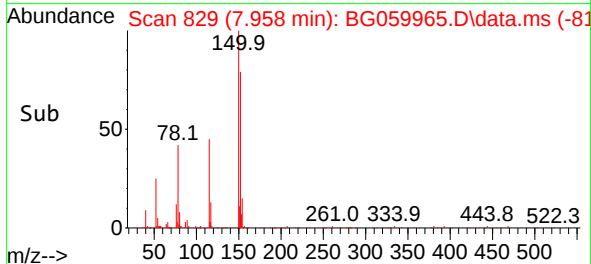
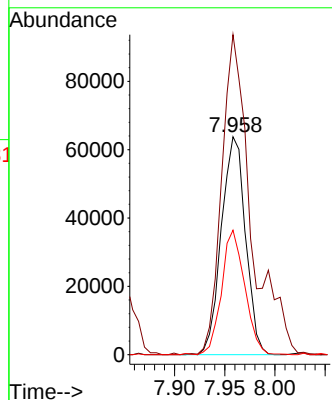
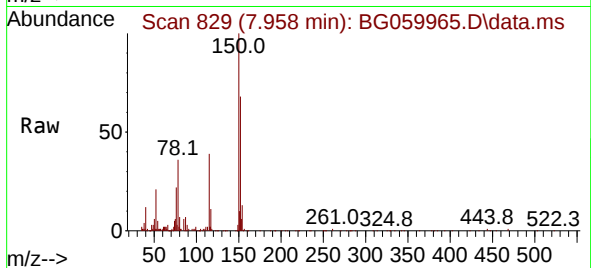




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

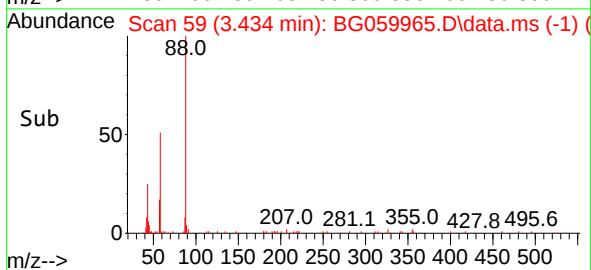
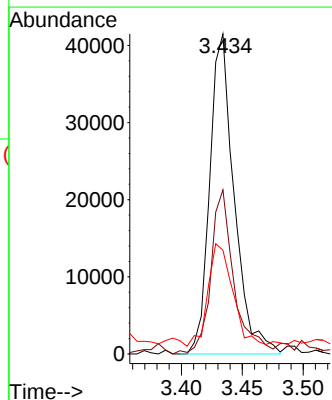
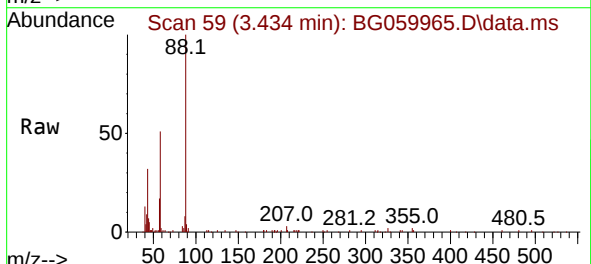
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BNA_G
ClientSampleId :
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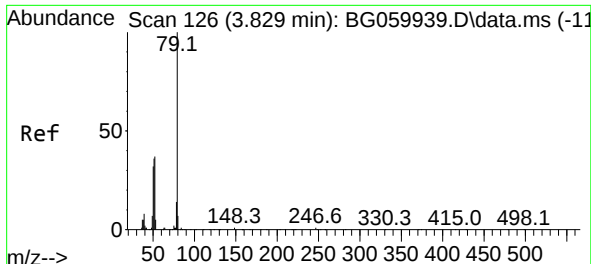
Tgt Ion:152 Resp: 106724
Ion Ratio Lower Upper
152 100
150 146.9 136.9 205.3
115 57.1 32.9 49.3#



#2
1,4-Dioxane
Concen: 32.259 ng
RT: 3.434 min Scan# 59
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 88 Resp: 57934
Ion Ratio Lower Upper
88 100
58 48.6 38.2 57.2
43 32.4 21.0 31.4#

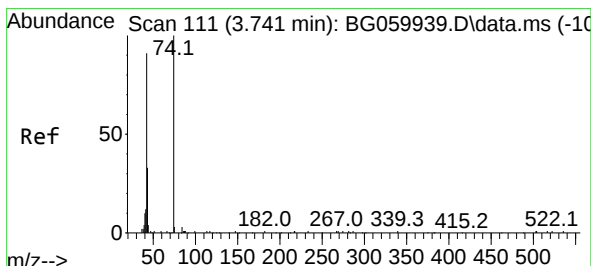
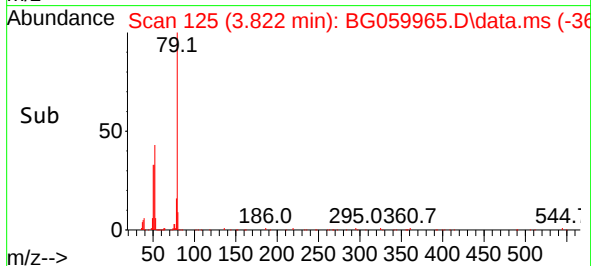
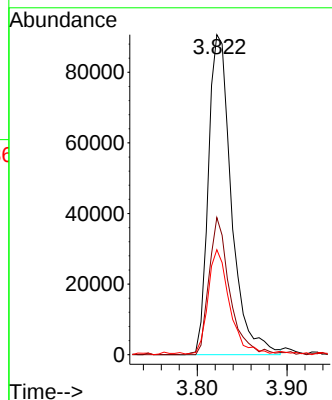
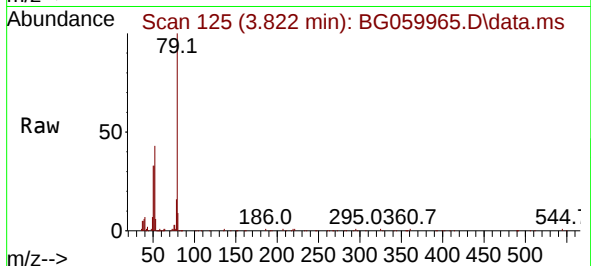




#3
Pyridine
Concen: 30.105 ng
RT: 3.822 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

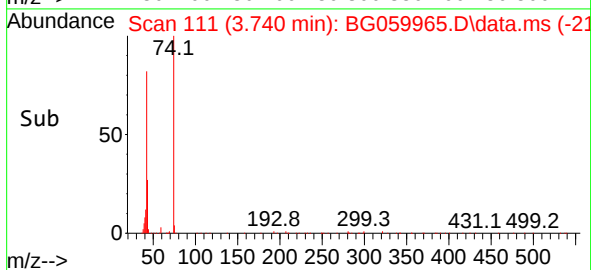
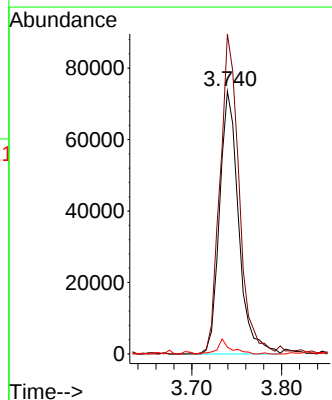
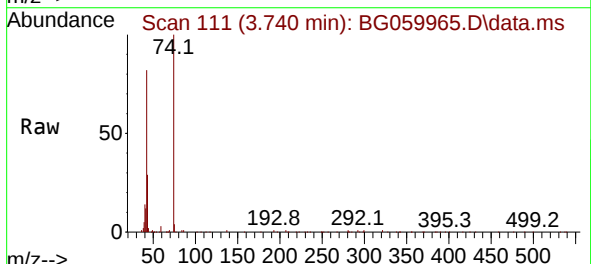
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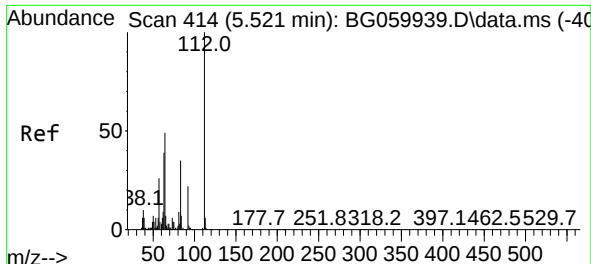
Tgt Ion: 79 Resp: 161346
Ion Ratio Lower Upper
79 100
52 42.8 29.8 44.8
51 32.8 30.3 45.5



#4
n-Nitrosodimethylamine
Concen: 38.452 ng
RT: 3.740 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 42 Resp: 108338
Ion Ratio Lower Upper
42 100
74 121.8 87.4 131.2
44 2.6 3.7 5.5

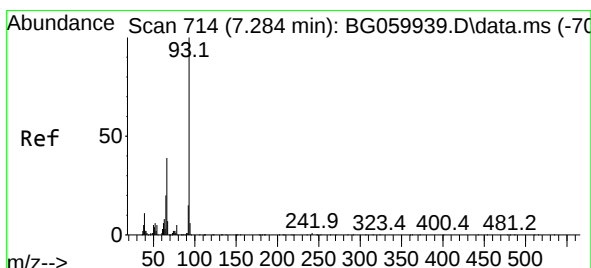
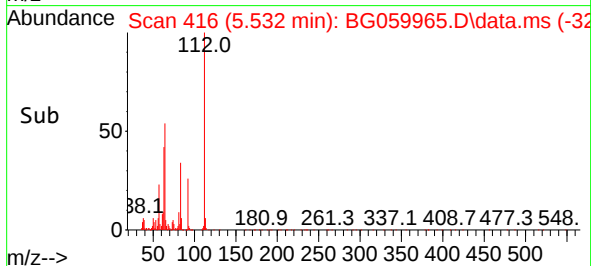
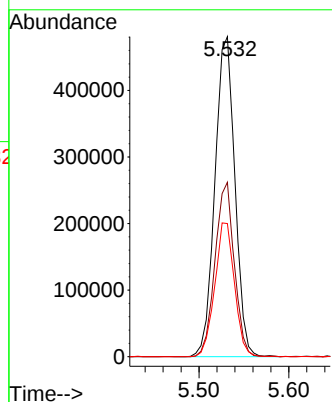
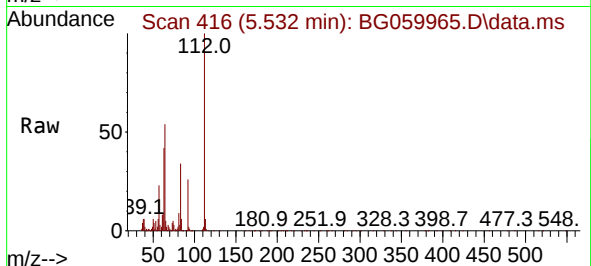




#5
2-Fluorophenol
Concen: 139.628 ng
RT: 5.532 min Scan# 414
Delta R.T. 0.011 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

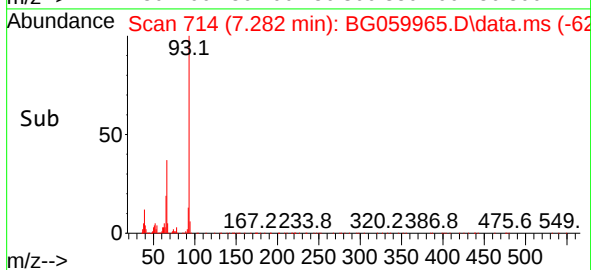
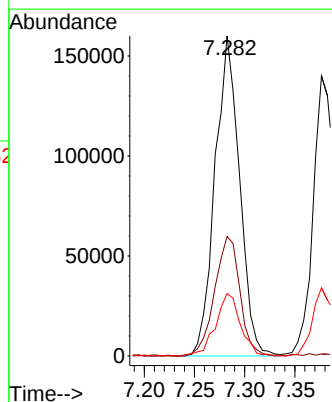
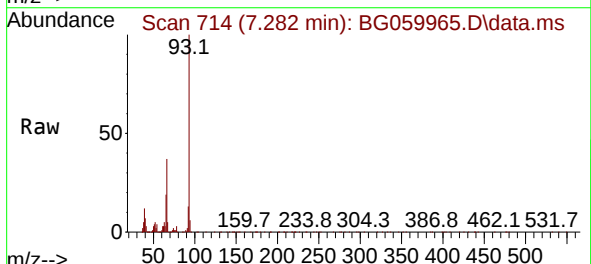
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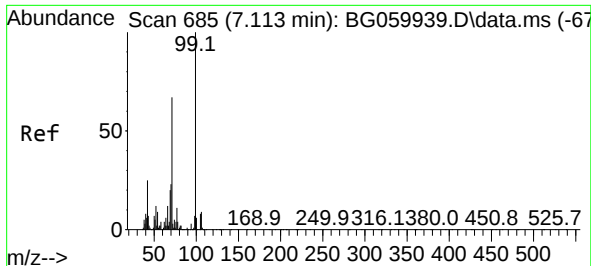
Tgt Ion:112 Resp: 741659
Ion Ratio Lower Upper
112 100
64 54.5 39.4 59.0
63 41.6 31.2 46.8



#6
Aniline
Concen: 29.422 ng
RT: 7.282 min Scan# 714
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 93 Resp: 271857
Ion Ratio Lower Upper
93 100
66 37.3 31.4 47.0
65 19.5 16.2 24.2



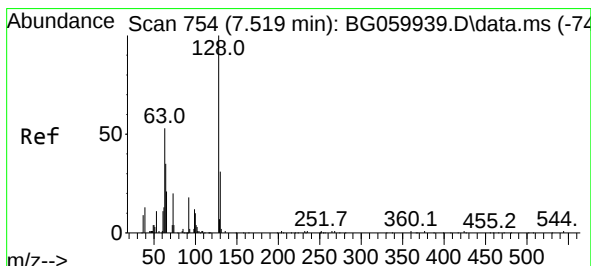
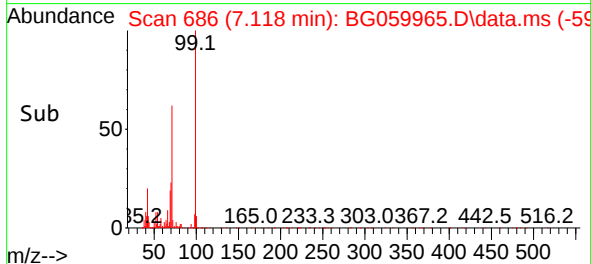
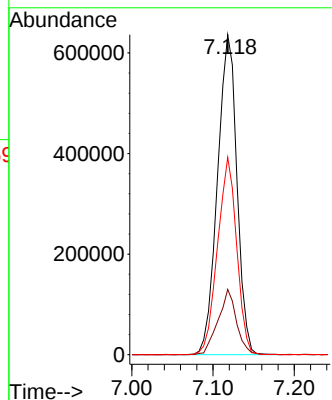
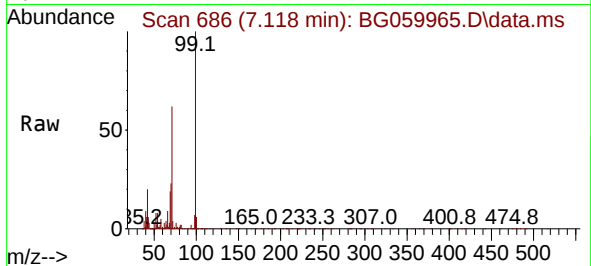


#7
Phenol-d6
Concen: 126.718 ng
RT: 7.118 min Scan# 685
Delta R.T. 0.005 min
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ClientSampleId :
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Tgt Ion: 99 Resp: 1060868

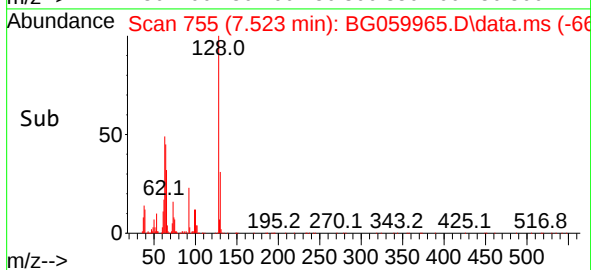
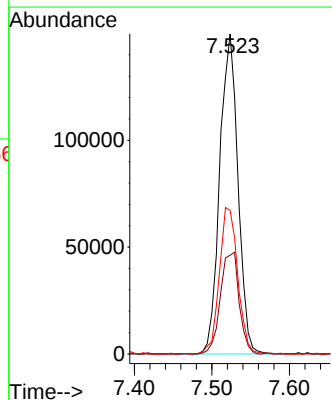
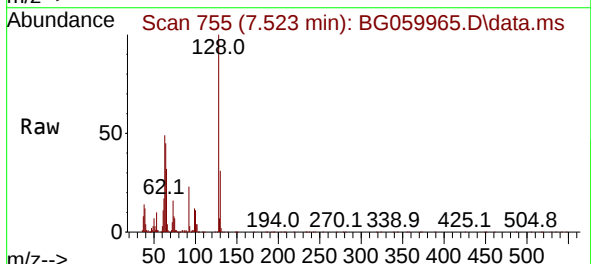
Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.1	30.1
71	61.7	53.8	80.6

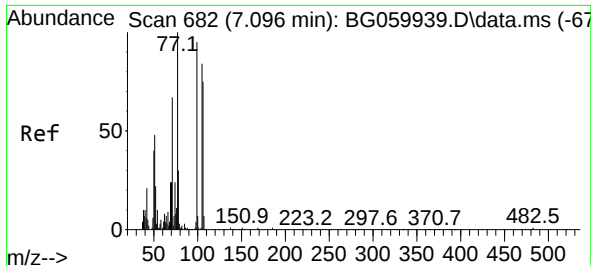


#8
2-Chlorophenol
Concen: 47.154 ng
RT: 7.523 min Scan# 755
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:128 Resp: 244314

Ion	Ratio	Lower	Upper
128	100		
130	30.9	10.9	50.9
64	44.8	30.3	70.3

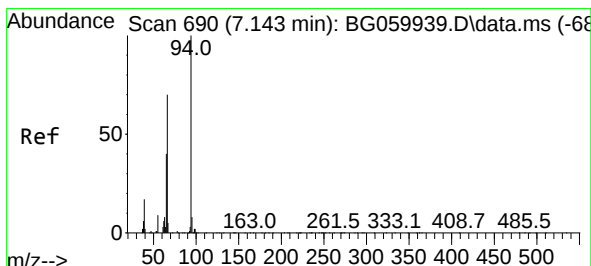
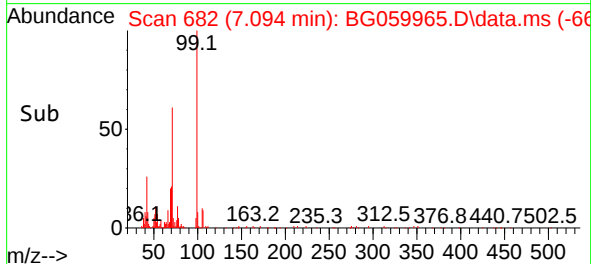
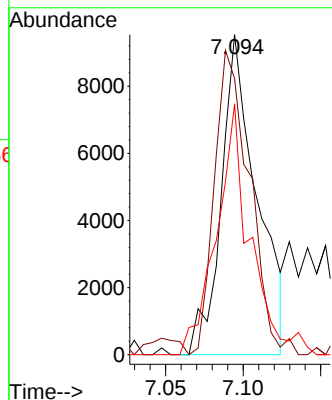
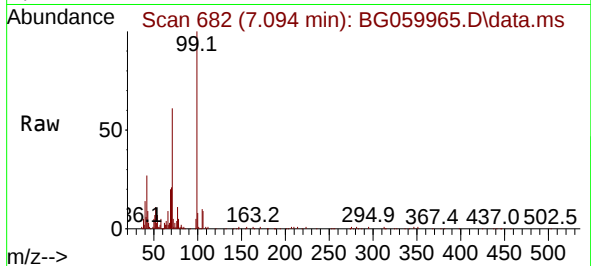




#9
Benzaldehyde
Concen: 2.452 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.002 min
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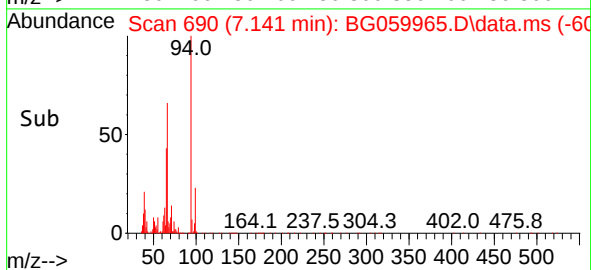
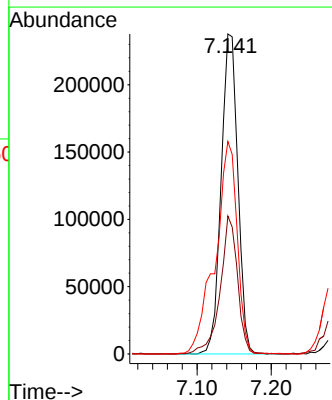
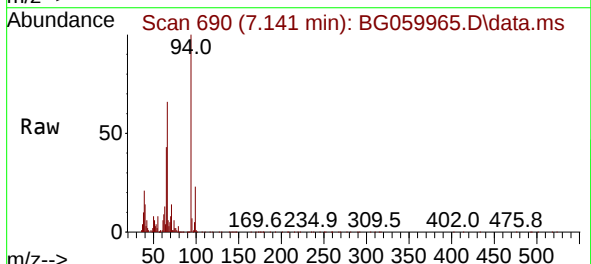
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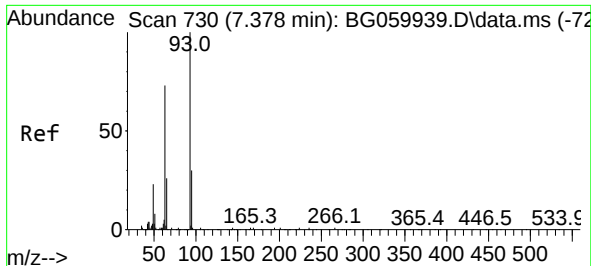
Tgt Ion: 77 Resp: 15250
Ion Ratio Lower Upper
77 100
105 86.2 64.2 104.2
106 78.4 55.6 95.6



#10
Phenol
Concen: 44.335 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 94 Resp: 371257
Ion Ratio Lower Upper
94 100
65 43.1 20.6 60.6
66 66.4 52.1 92.1

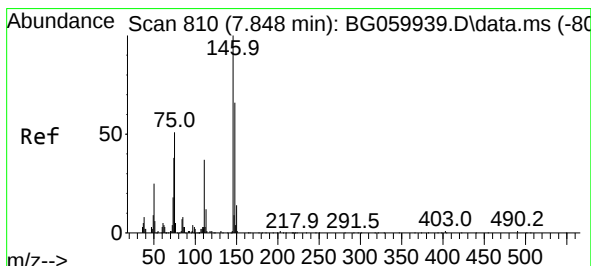
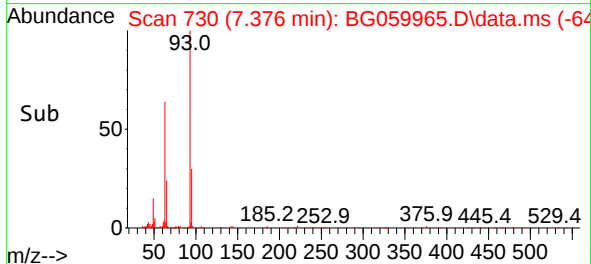
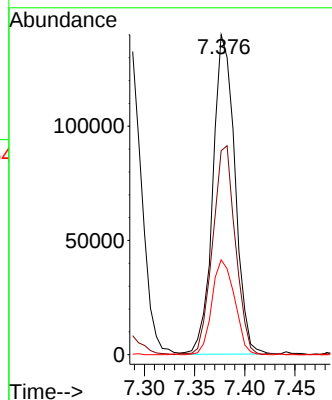
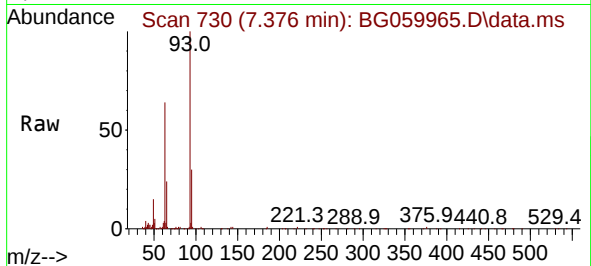




#11
bis(2-Chloroethyl)ether
Concen: 36.626 ng
RT: 7.376 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

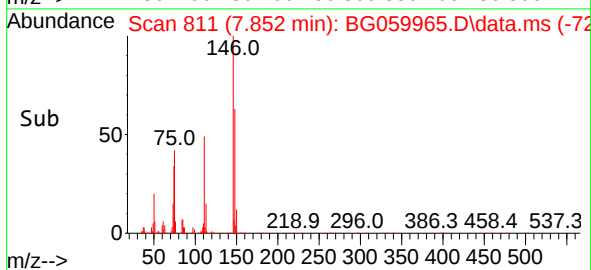
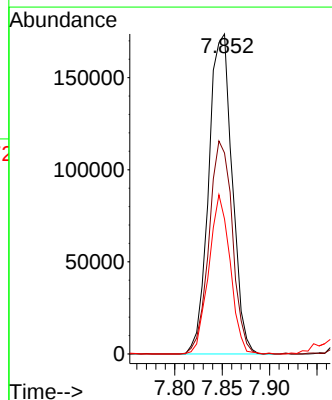
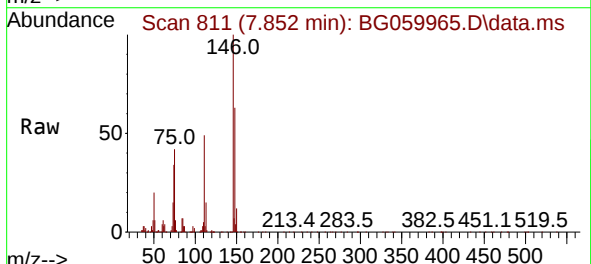
Instrument :
BNA_G
ClientSampleId :
PB157546BS

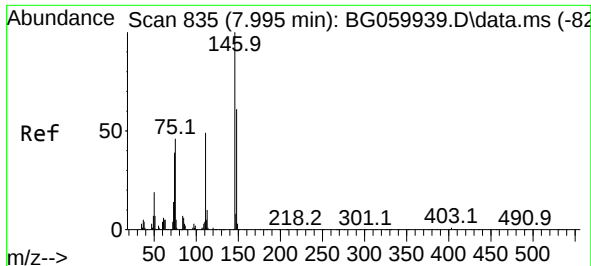
Tgt Ion: 93 Resp: 213441
Ion Ratio Lower Upper
93 100
63 63.8 52.9 92.9
95 29.6 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 40.045 ng
RT: 7.852 min Scan# 811
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:146 Resp: 298605
Ion Ratio Lower Upper
146 100
148 62.8 52.9 79.3
75 42.1 40.7 61.1

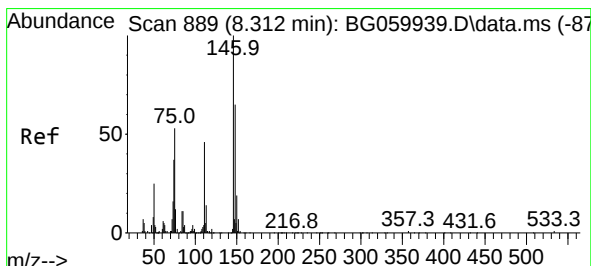
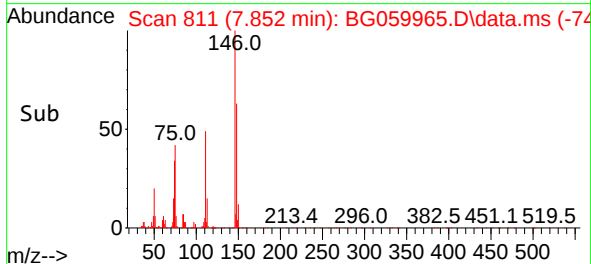
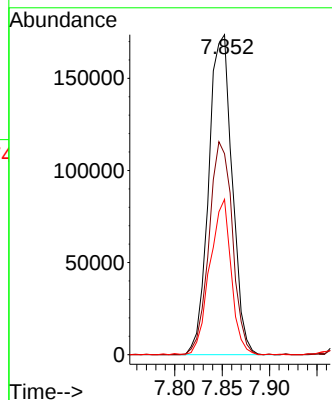
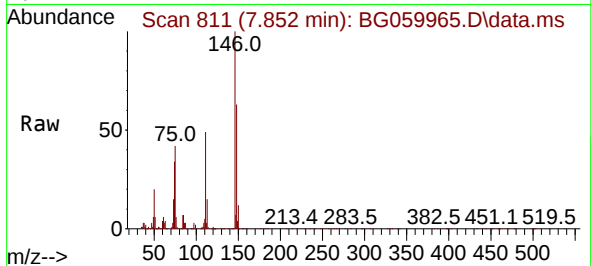




#13
1,4-Dichlorobenzene
Concen: 38.683 ng
RT: 7.852 min Scan# 811
Delta R.T. -0.142 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

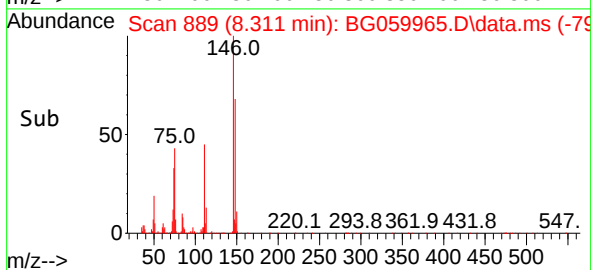
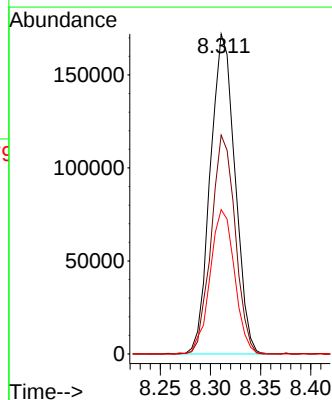
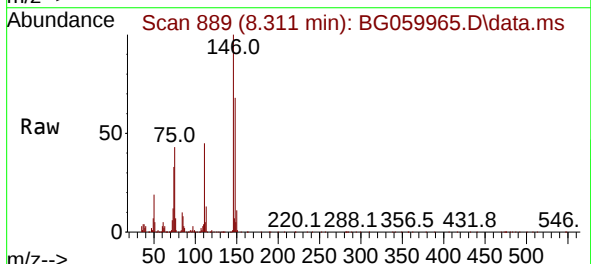
Instrument :
BNA_G
ClientSampleId :
PB157546BS

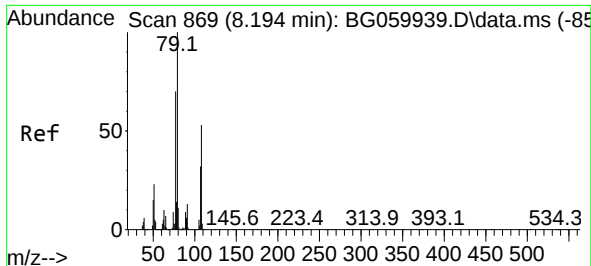
Tgt Ion:146 Resp: 298605
Ion Ratio Lower Upper
146 100
148 62.8 48.8 73.2
111 48.6 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 38.869 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:146 Resp: 294143
Ion Ratio Lower Upper
146 100
148 68.4 52.4 78.6
111 45.1 36.7 55.1

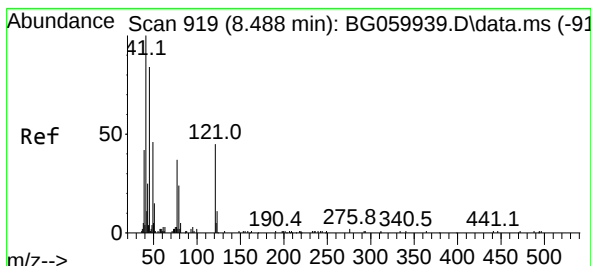
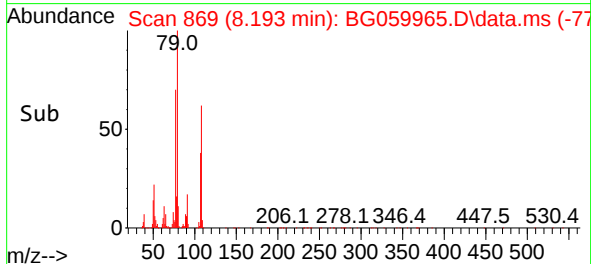
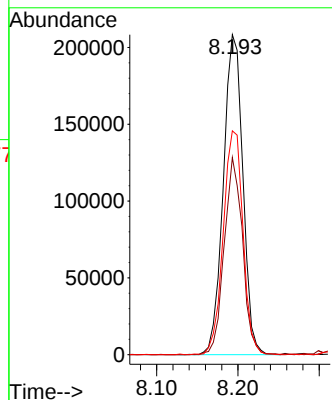
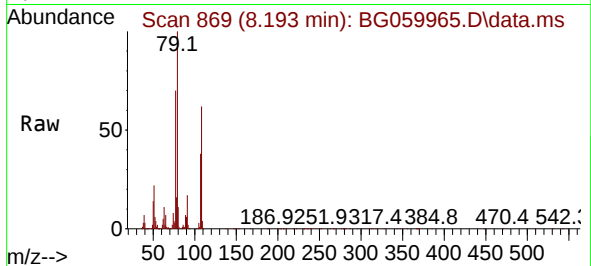




#15
Benzyl Alcohol
Concen: 42.072 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

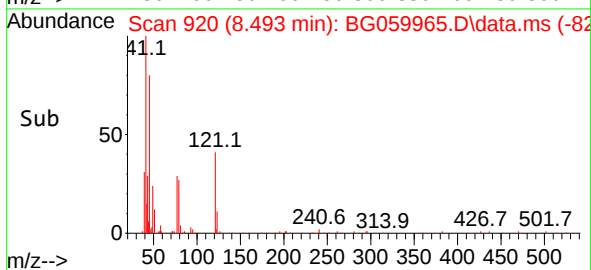
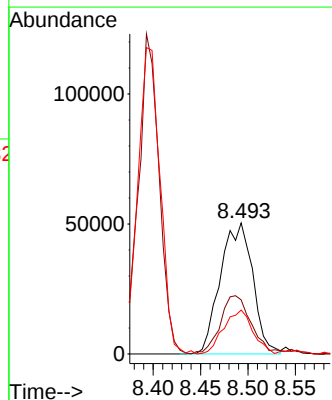
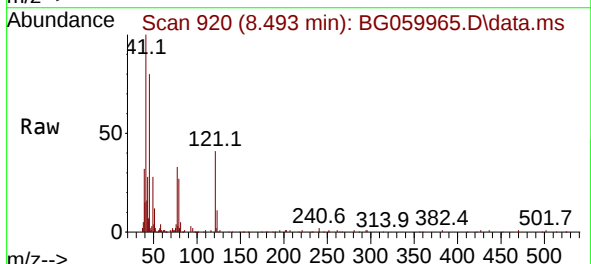
Instrument :
BNA_G
ClientSampleId :
PB157546BS

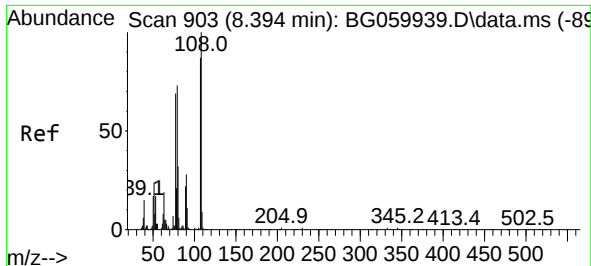
Tgt Ion: 79 Resp: 348068
Ion Ratio Lower Upper
79 100
108 61.6 42.7 64.1
77 69.9 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.215 ng
RT: 8.493 min Scan# 920
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 45 Resp: 120018
Ion Ratio Lower Upper
45 100
77 41.2 26.2 66.2
79 33.5 11.2 51.2





#17

2-Methylphenol

Concen: 43.828 ng

RT: 8.399 min Scan# 903

Delta R.T. 0.005 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

Tgt Ion:107 Resp: 247315

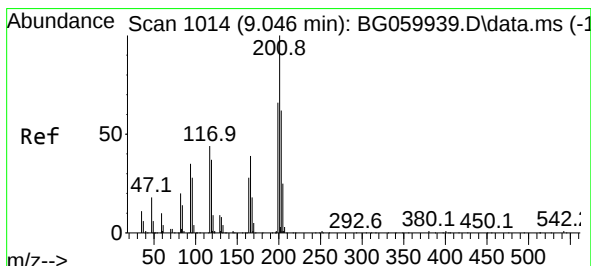
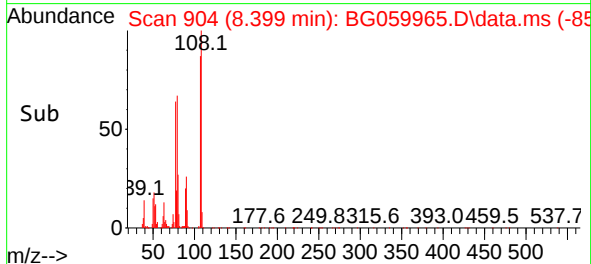
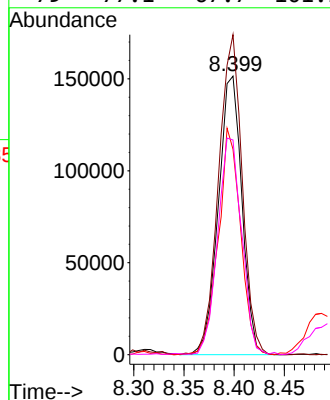
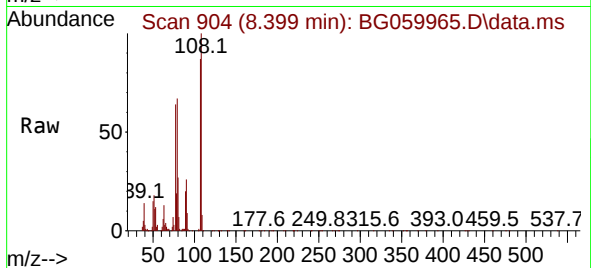
Ion Ratio Lower Upper

107 100

108 114.9 92.2 138.4

77 73.8 63.7 95.5

79 77.1 67.7 101.5



#18

Hexachloroethane

Concen: 35.474 ng

RT: 9.045 min Scan# 1014

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

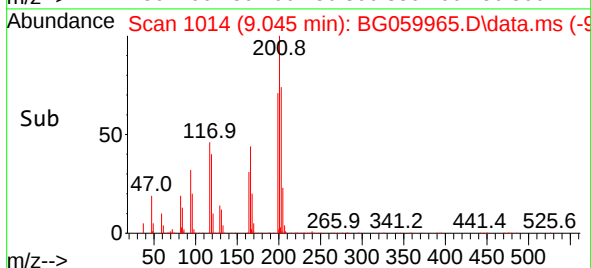
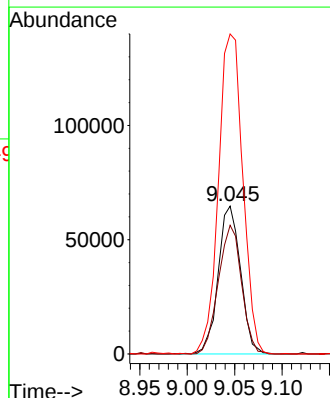
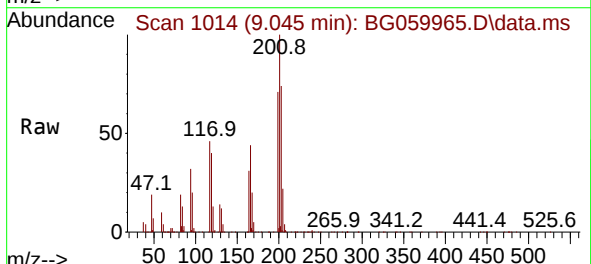
Tgt Ion:117 Resp: 106247

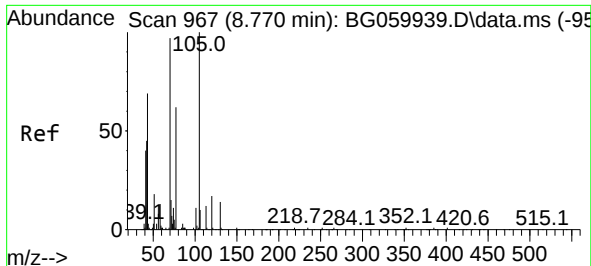
Ion Ratio Lower Upper

117 100

119 87.0 67.5 101.3

201 216.5 183.0 274.6

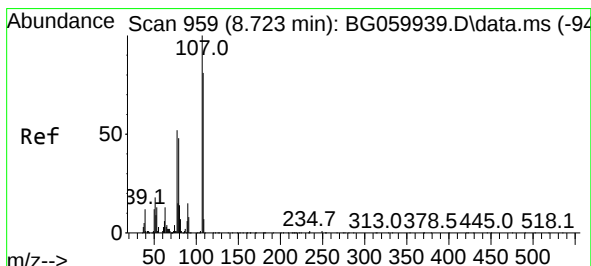
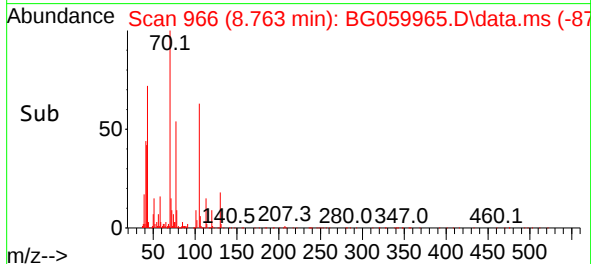
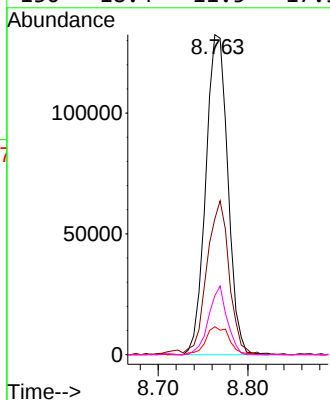
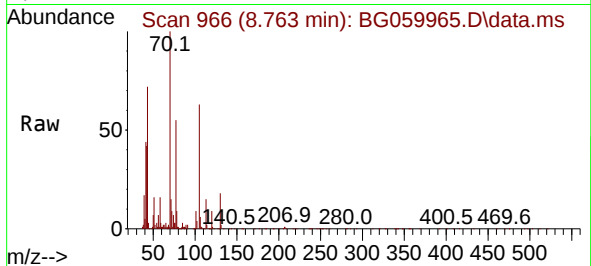




#19
n-Nitroso-di-n-propylamine
Concen: 36.002 ng
RT: 8.763 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

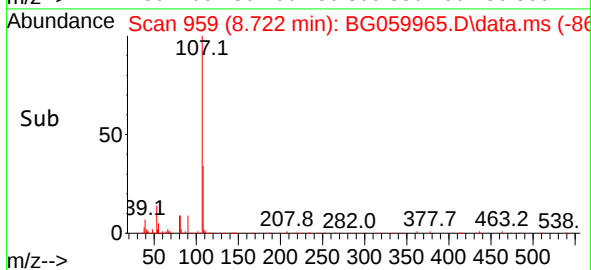
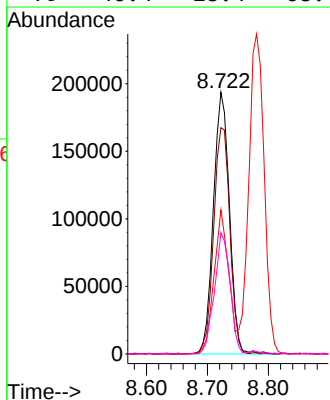
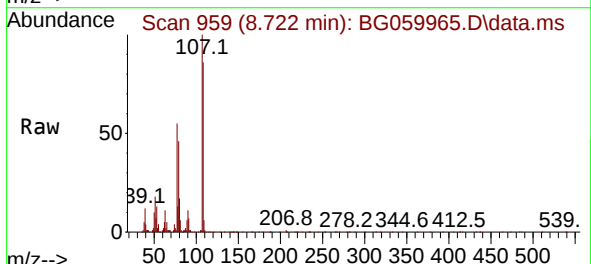
Instrument :
BNA_G
ClientSampleId :
PB157546BS

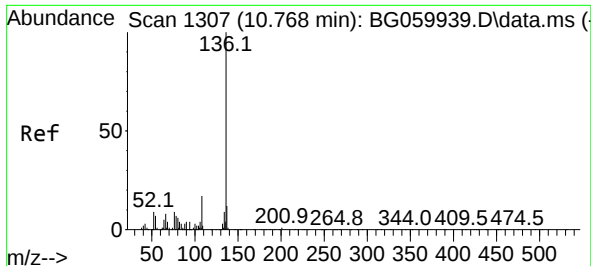
Tgt Ion: 70 Resp: 225875
Ion Ratio Lower Upper
70 100
42 42.4 38.1 57.1
101 8.8 8.6 13.0
130 18.4 11.5 17.3#



#20
3+4-Methylphenols
Concen: 44.235 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 107 Resp: 354201
Ion Ratio Lower Upper
107 100
108 86.5 60.7 100.7
77 55.1 32.2 72.2
79 46.4 28.4 68.4

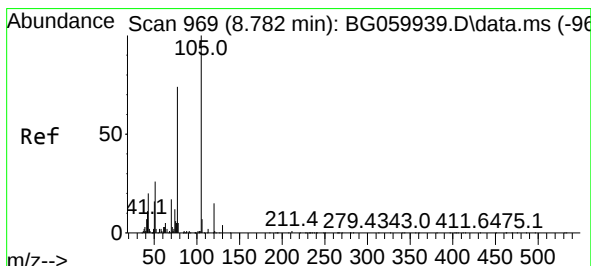
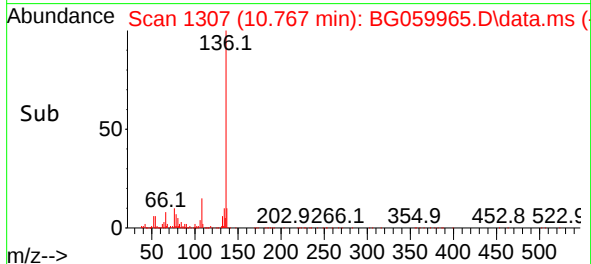
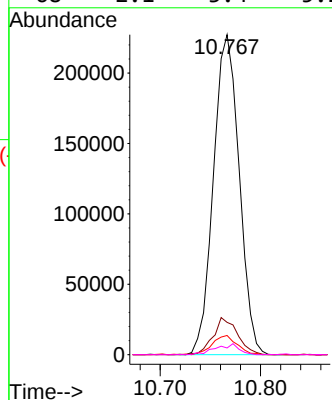
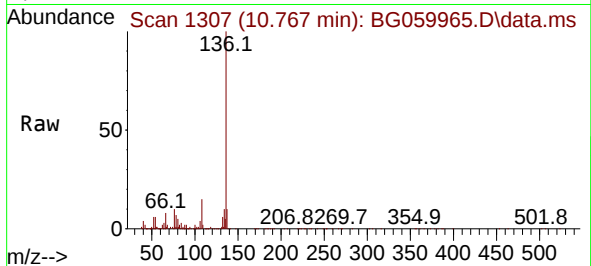




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

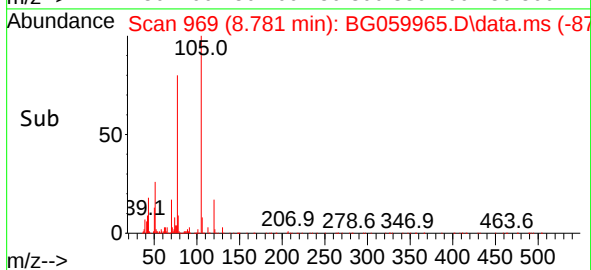
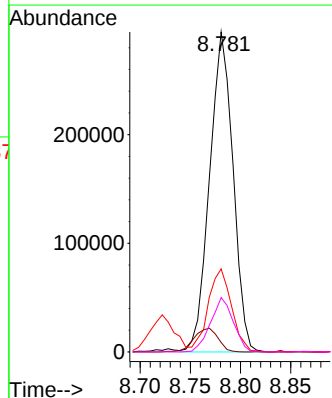
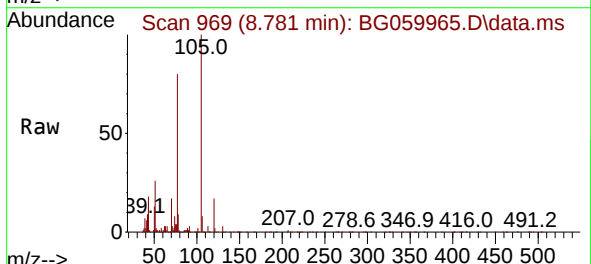
Instrument :
BNA_G
ClientSampleId :
PB157546BS

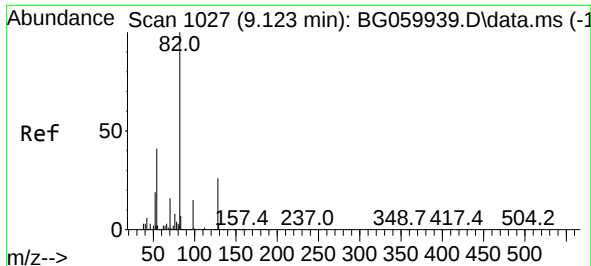
Tgt Ion:136 Resp: 404210
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 6.0 5.8 8.6
68 2.1 3.4 5.2#



#22
Acetophenone
Concen: 36.986 ng
RT: 8.781 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:105 Resp: 477737
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 26.0 24.4 36.6
120 17.0 12.2 18.2

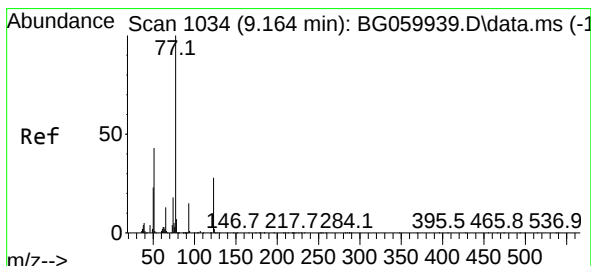
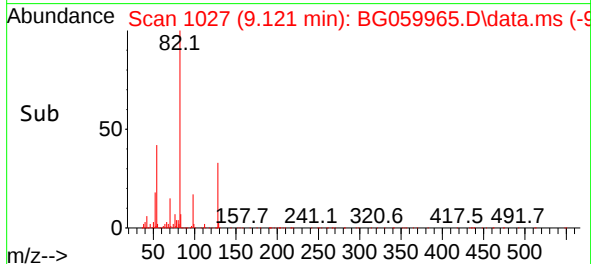
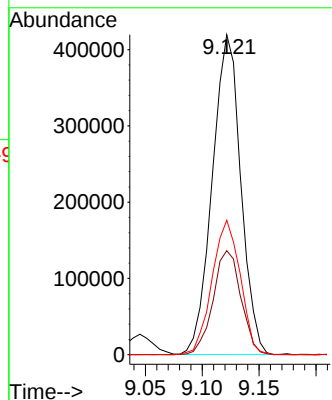
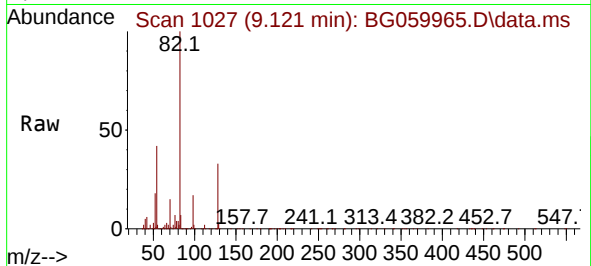




#23
Nitrobenzene-d5
Concen: 64.493 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

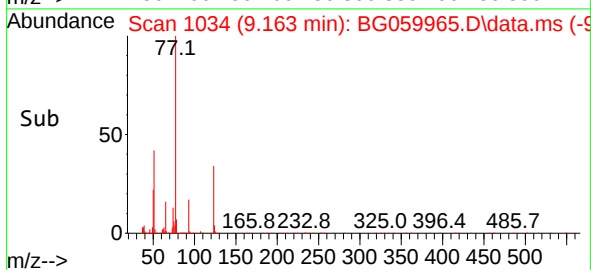
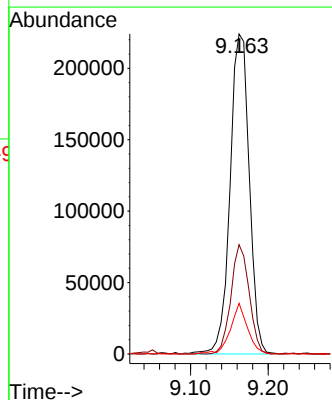
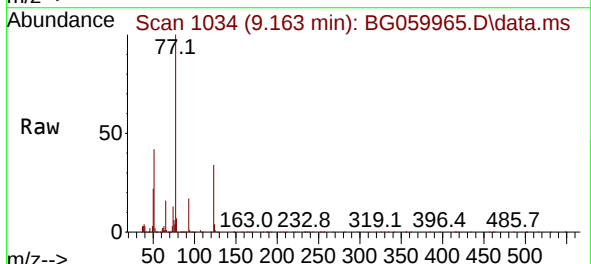
Instrument :
BNA_G
ClientSampleId :
PB157546BS

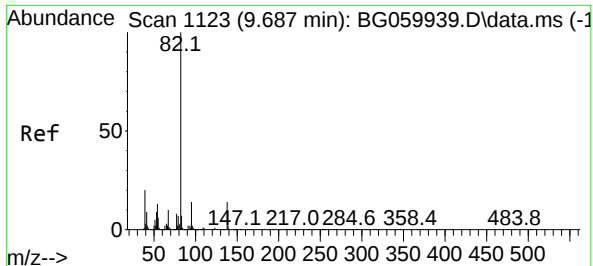
Tgt Ion: 82 Resp: 729260
Ion Ratio Lower Upper
82 100
128 32.5 21.0 31.6#
54 42.0 32.6 48.8



#24
Nitrobenzene
Concen: 34.163 ng
RT: 9.163 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 77 Resp: 386541
Ion Ratio Lower Upper
77 100
123 34.1 22.7 34.1#
65 15.8 10.6 16.0

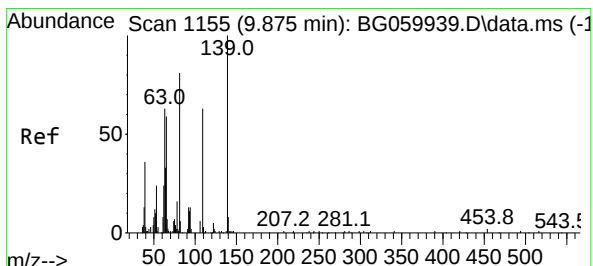
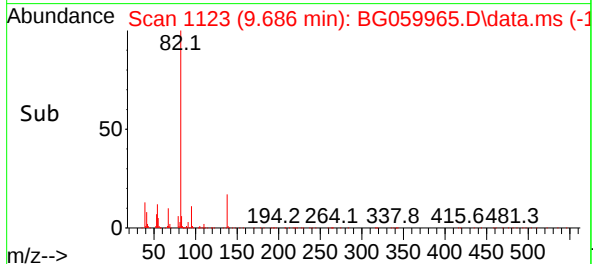
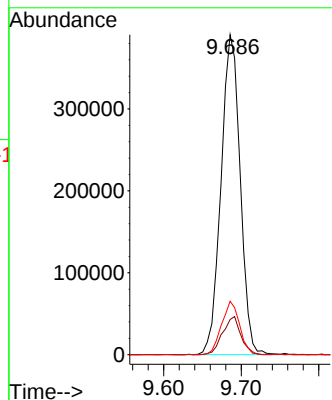
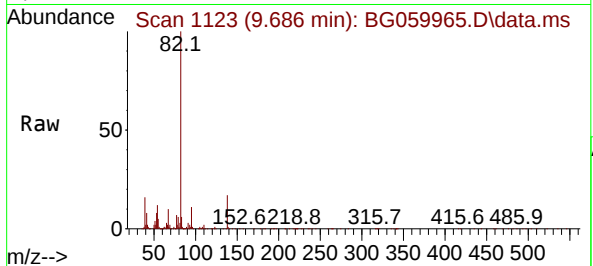




#25
Isophorone
Concen: 34.634 ng
RT: 9.686 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

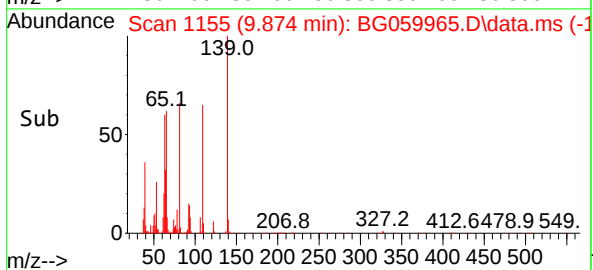
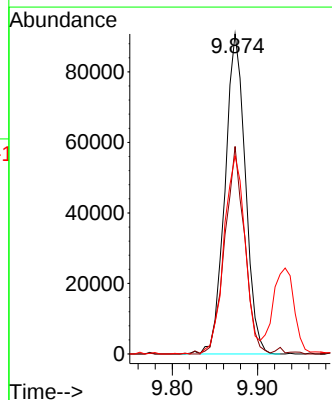
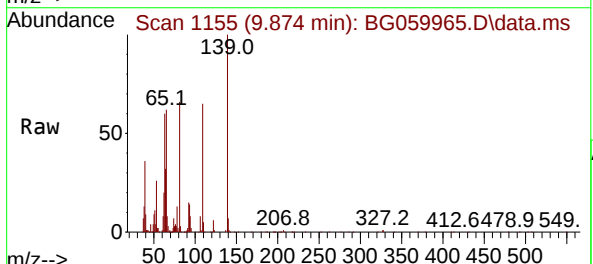
Instrument :
BNA_G
ClientSampleId :
PB157546BS

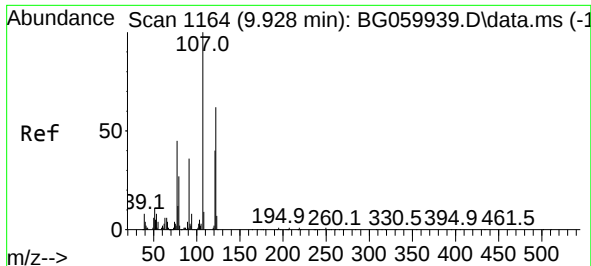
Tgt Ion: 82 Resp: 673321
Ion Ratio Lower Upper
82 100
95 11.0 11.2 16.8#
138 16.7 11.0 16.4#



#26
2-Nitrophenol
Concen: 41.856 ng
RT: 9.874 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 139 Resp: 150606
Ion Ratio Lower Upper
139 100
109 64.8 50.2 75.2
65 61.9 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 53.320 ng

RT: 9.932 min Scan# 1165

Delta R.T. 0.005 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

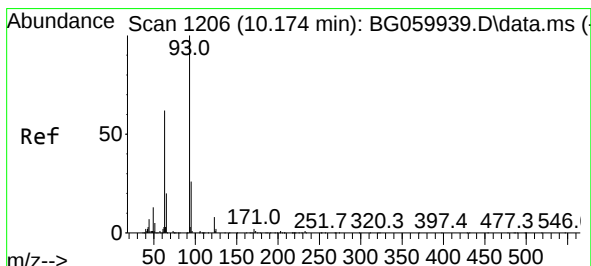
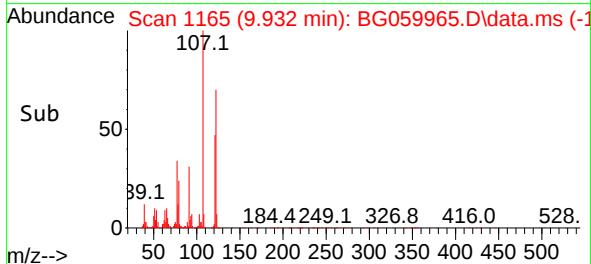
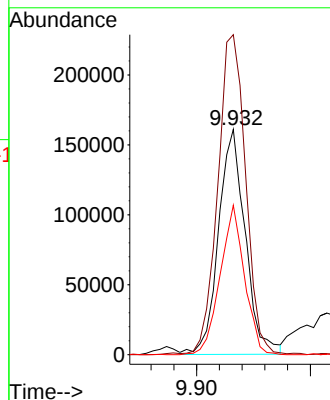
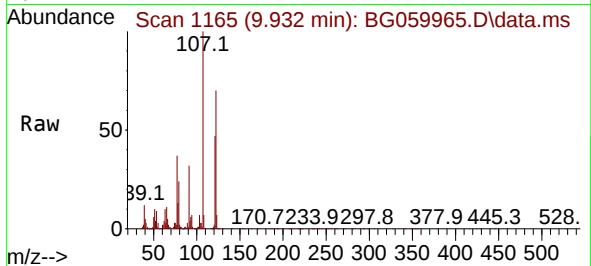
Tgt Ion:122 Resp: 263349

Ion Ratio Lower Upper

122 100

107 142.1 126.1 189.1

121 66.4 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 35.352 ng

RT: 10.173 min Scan# 1206

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

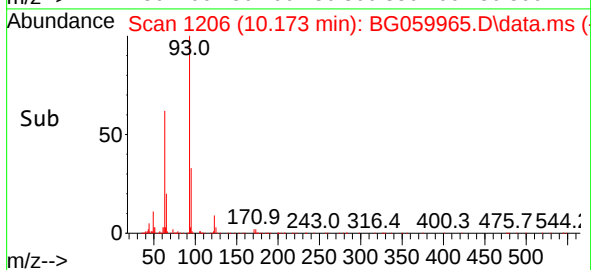
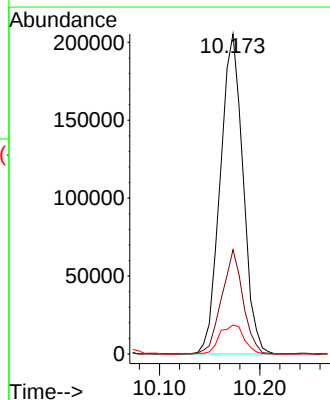
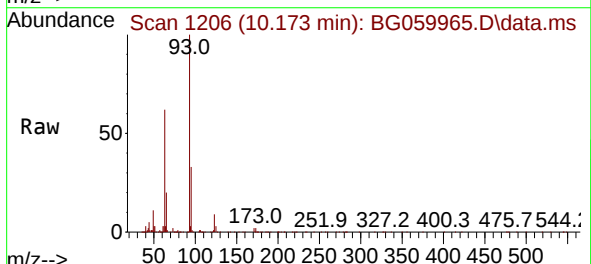
Tgt Ion: 93 Resp: 322901

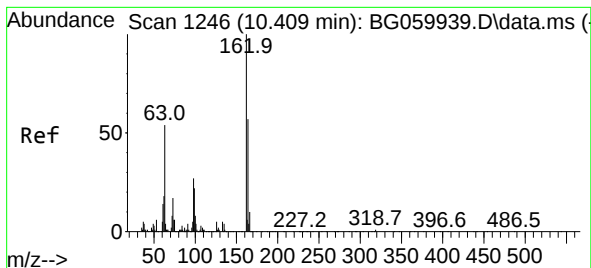
Ion Ratio Lower Upper

93 100

95 32.6 21.0 31.4#

123 9.1 6.7 10.1

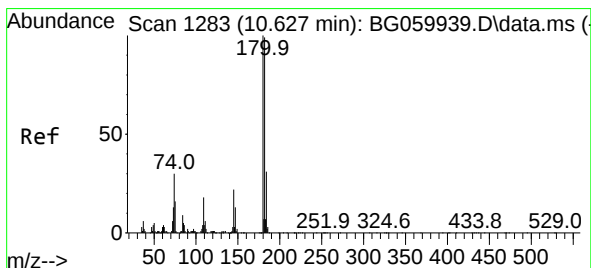
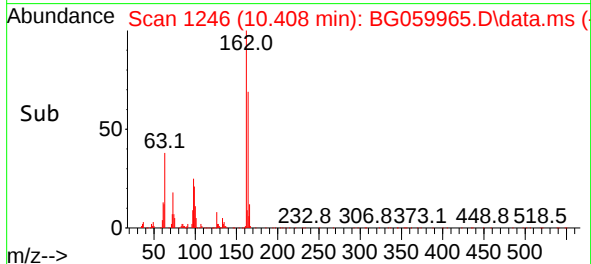
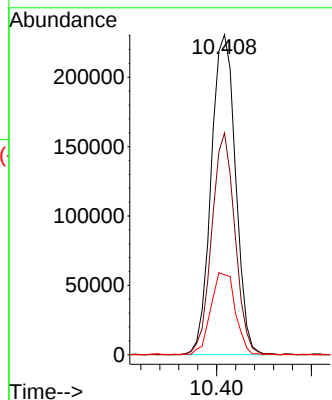
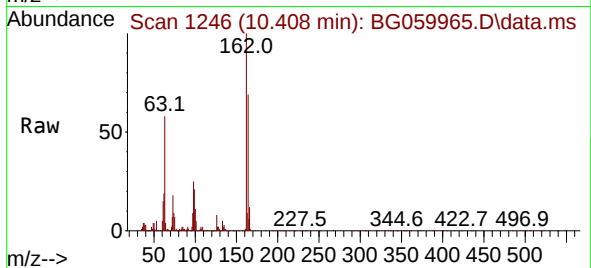




#29
2,4-Dichlorophenol
Concen: 41.908 ng
RT: 10.408 min Scan# 1246
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

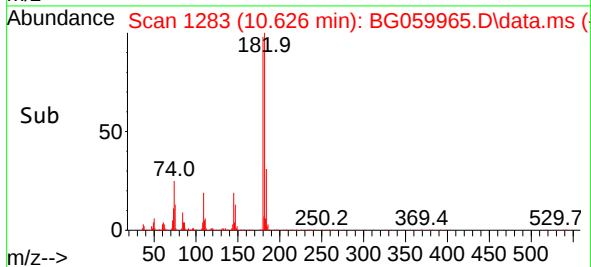
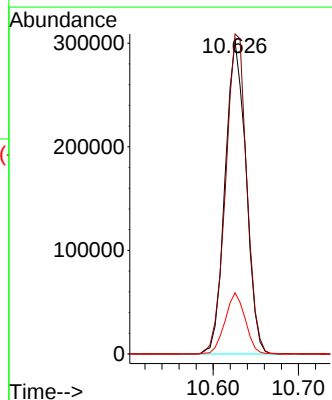
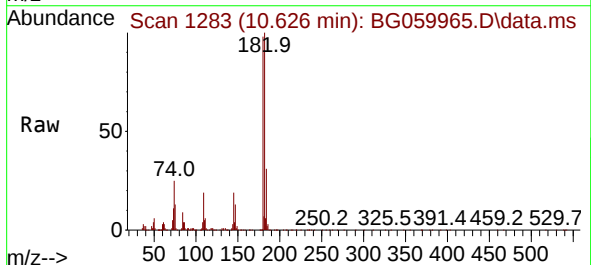
Instrument :
BNA_G
ClientSampleId :
PB157546BS

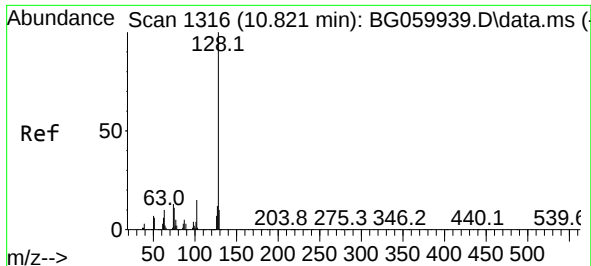
Tgt Ion:162 Resp: 412127
Ion Ratio Lower Upper
162 100
164 69.3 36.7 76.7
98 25.0 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 35.865 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:180 Resp: 514310
Ion Ratio Lower Upper
180 100
182 102.3 79.0 118.6
145 19.6 17.4 26.0

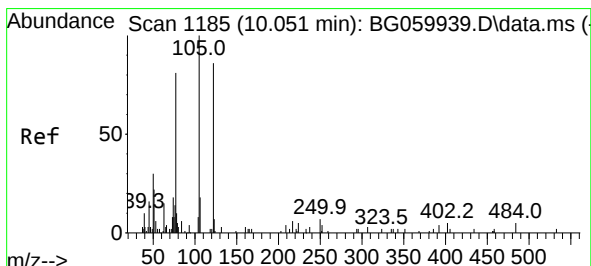
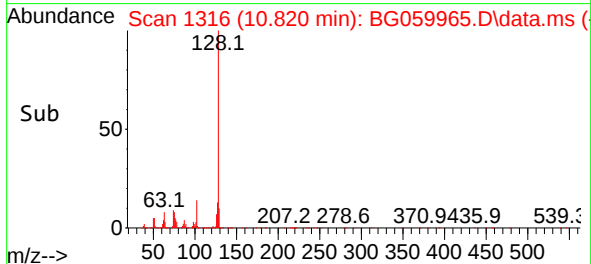
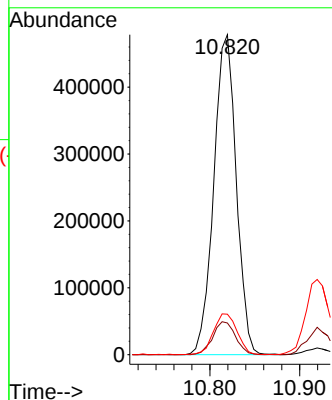
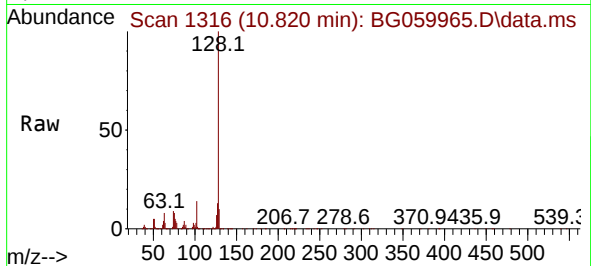




#31
Naphthalene
Concen: 40.004 ng
RT: 10.820 min Scan# 1118
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

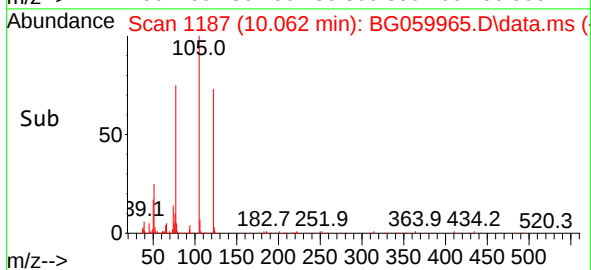
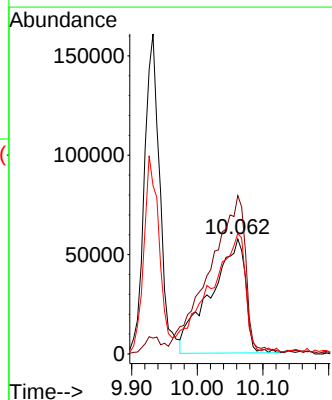
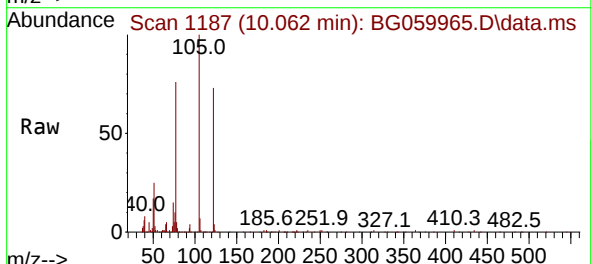
Instrument :
BNA_G
ClientSampleId :
PB157546BS

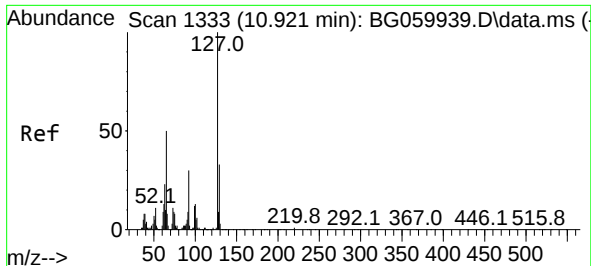
Tgt Ion:128 Resp: 831202
Ion Ratio Lower Upper
128 100
129 9.9 7.6 11.4
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 44.795 ng
RT: 10.062 min Scan# 1187
Delta R.T. 0.011 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:122 Resp: 210972
Ion Ratio Lower Upper
122 100
105 137.8 123.9 163.9
77 104.7 94.6 134.6

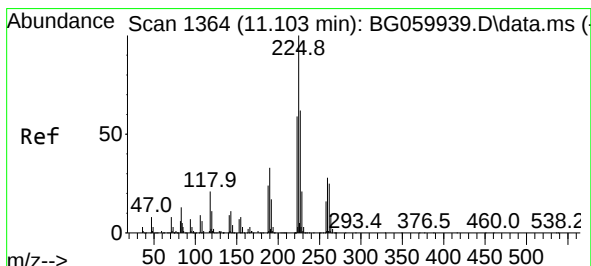
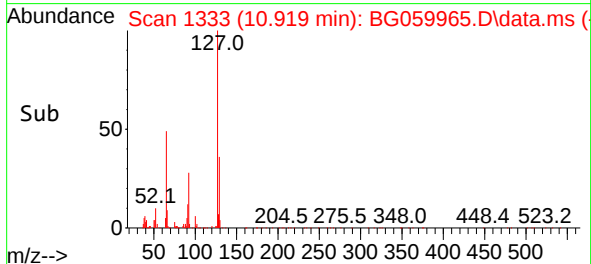
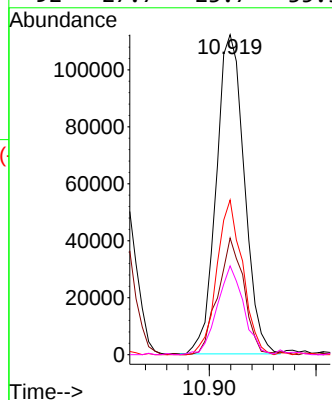
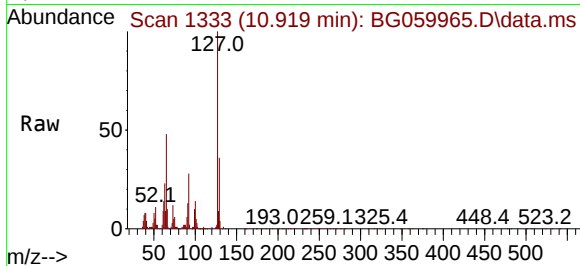




#33
4-Chloroaniline
Concen: 25.238 ng
RT: 10.919 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

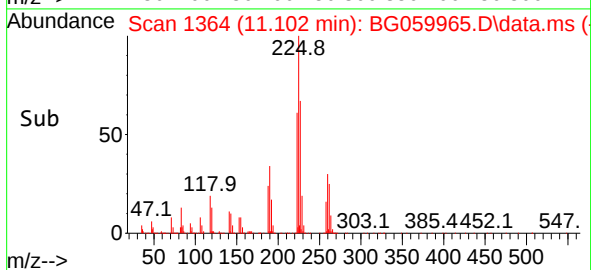
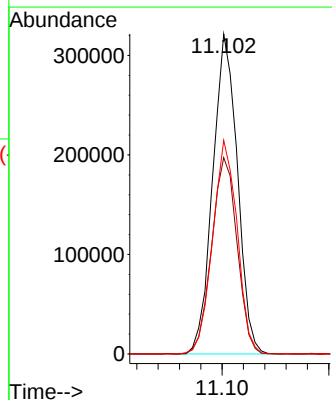
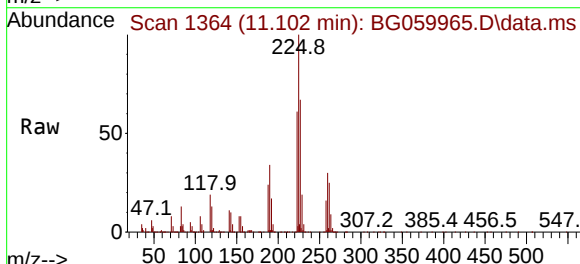
Instrument :
BNA_G
ClientSampleId :
PB157546BS

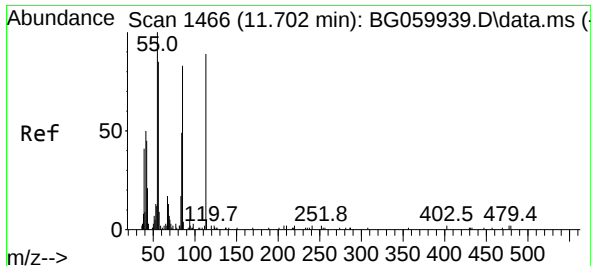
Tgt Ion:127	Resp: 204508
Ion Ratio	Lower Upper
127 100	
129 36.5	26.6 40.0
65 48.4	40.4 60.6
92 27.7	23.7 35.5



#34
Hexachlorobutadiene
Concen: 32.105 ng
RT: 11.102 min Scan# 1364
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:225	Resp: 516193		
Ion Ratio	Lower	Upper	
225 100			
223 61.4	47.0	70.6	
227 69.2	50.2	75.4	

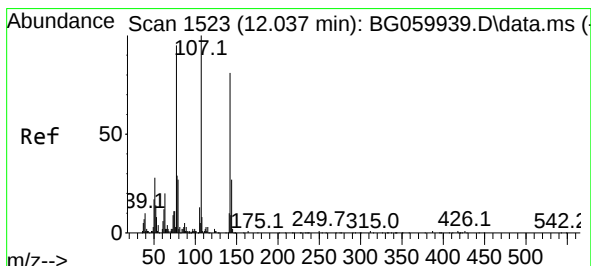
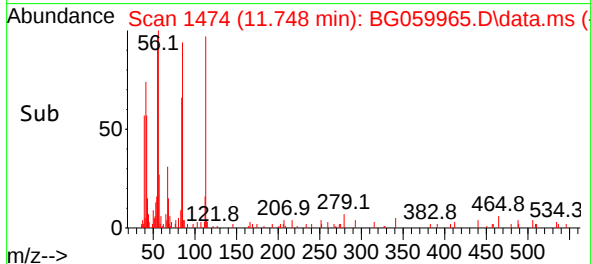
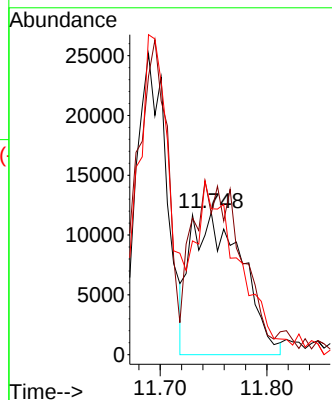
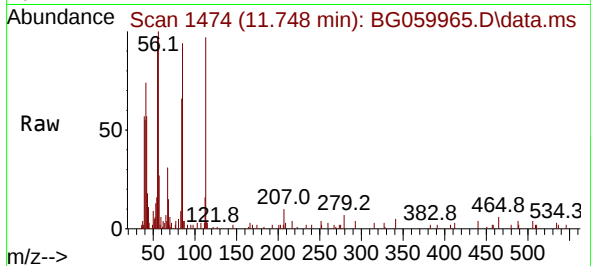




#35
Caprolactam
Concen: 19.213 ng
RT: 11.748 min Scan# 1466
Delta R.T. 0.046 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

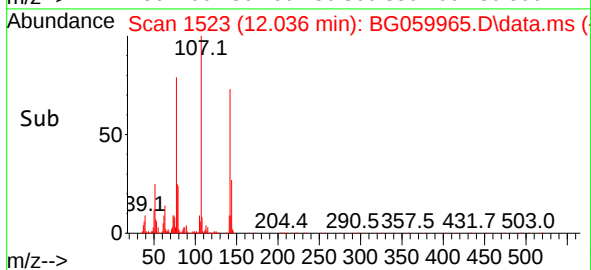
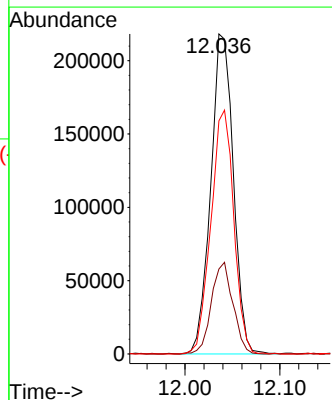
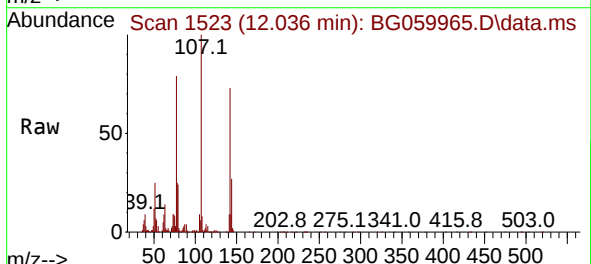
Instrument :
BNA_G
ClientSampleId :
PB157546BS

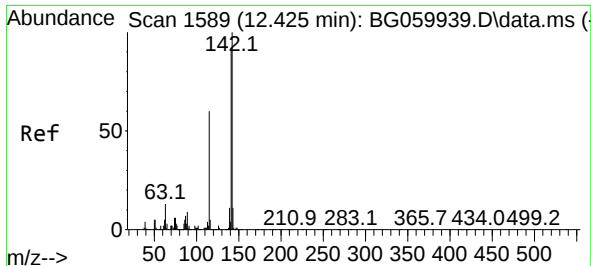
Tgt Ion:113 Resp: 39738
Ion Ratio Lower Upper
113 100
55 99.3 93.5 133.5
56 102.7 74.9 114.9



#36
4-Chloro-3-methylphenol
Concen: 44.664 ng
RT: 12.036 min Scan# 1523
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:107 Resp: 361703
Ion Ratio Lower Upper
107 100
144 26.6 21.6 32.4
142 72.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 38.731 ng

RT: 12.424 min Scan# 1589

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

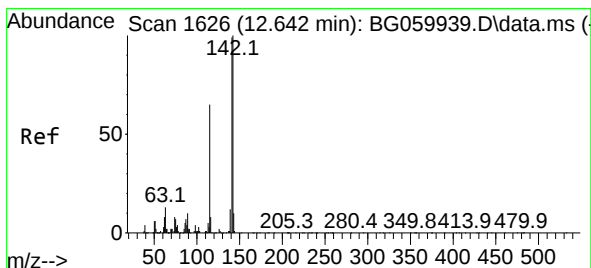
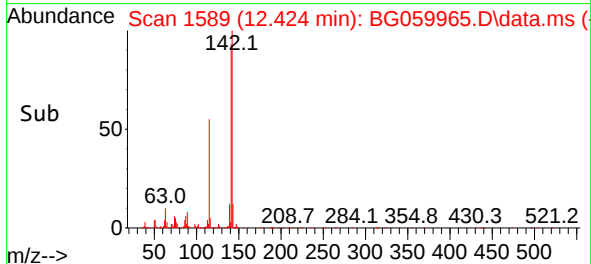
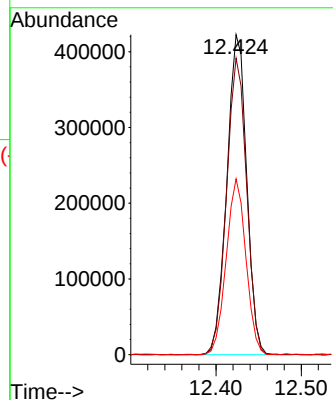
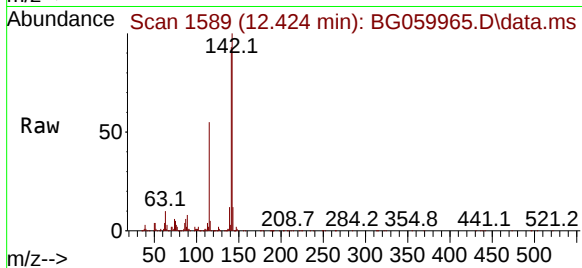
Tgt Ion:142 Resp: 683061

Ion Ratio Lower Upper

142 100

141 92.6 73.4 110.2

115 54.9 48.1 72.1



#38

1-Methylnaphthalene

Concen: 39.268 ng

RT: 12.641 min Scan# 1626

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

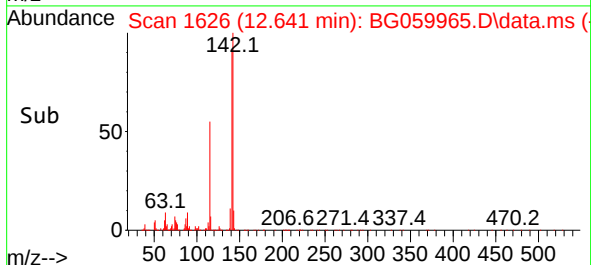
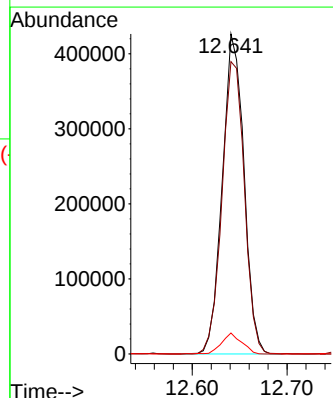
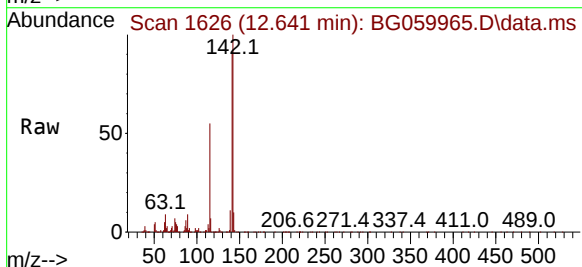
Tgt Ion:142 Resp: 676315

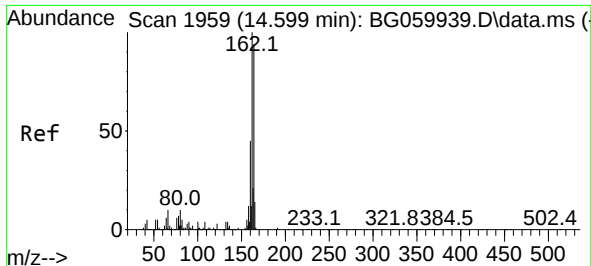
Ion Ratio Lower Upper

142 100

141 91.3 79.4 119.2

116 6.5 6.2 9.4

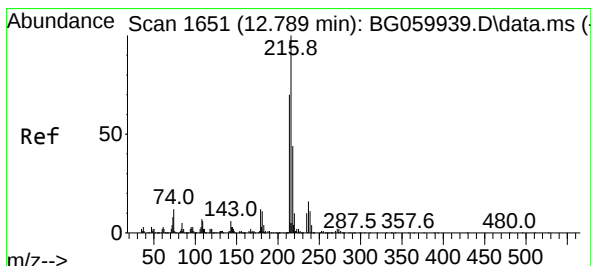
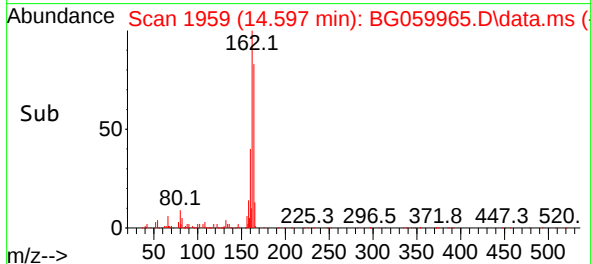
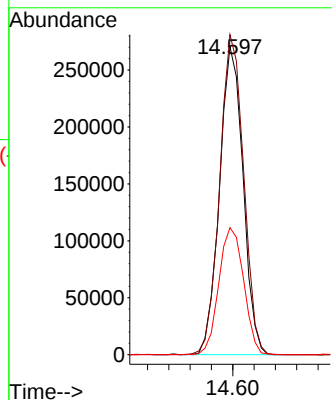
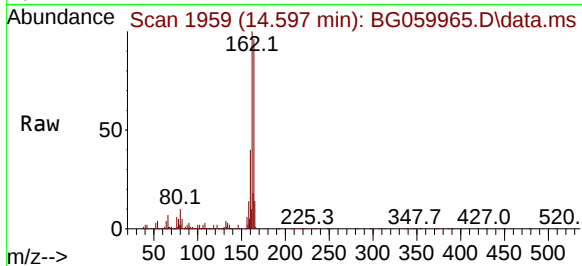




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.597 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

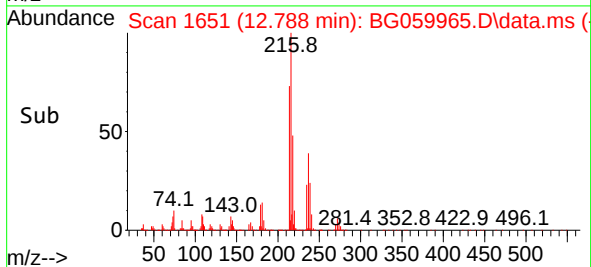
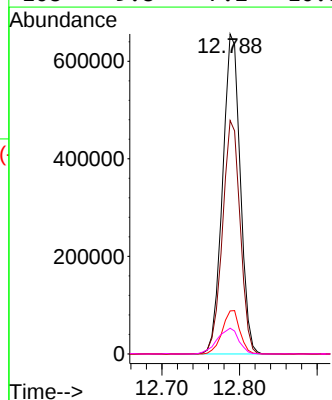
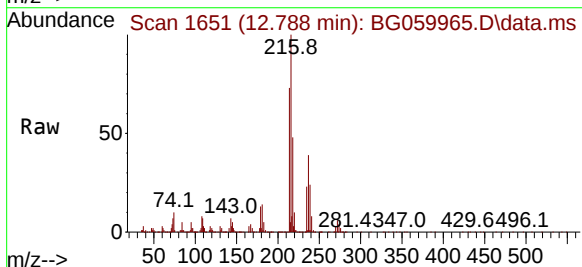
Instrument :
BNA_G
ClientSampleId :
PB157546BS

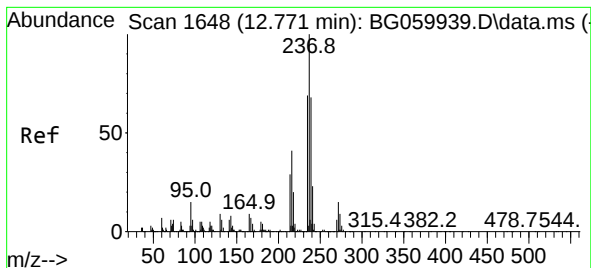
Tgt Ion:164 Resp: 414055
Ion Ratio Lower Upper
164 100
162 103.9 85.0 127.6
160 41.2 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.003 ng
RT: 12.788 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:216 Resp: 1034648
Ion Ratio Lower Upper
216 100
214 73.2 58.3 87.5
179 13.6 10.2 15.4
108 9.8 7.2 10.8





#41

Hexachlorocyclopentadiene

Concen: 77.952 ng

RT: 12.770 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

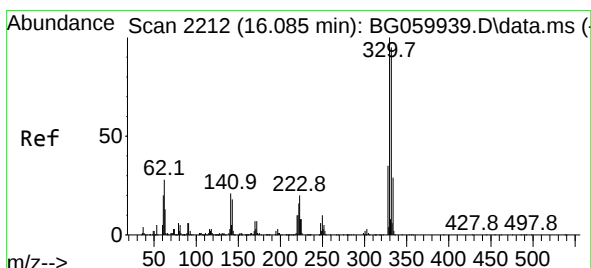
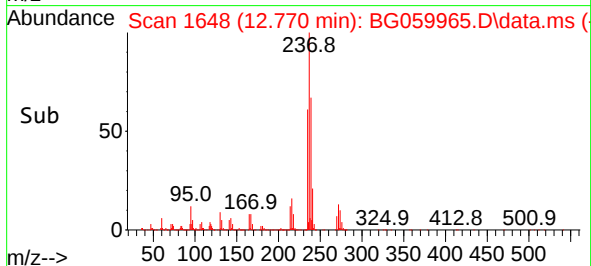
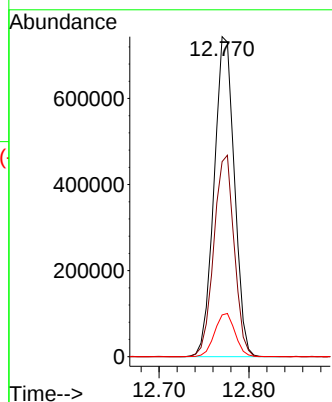
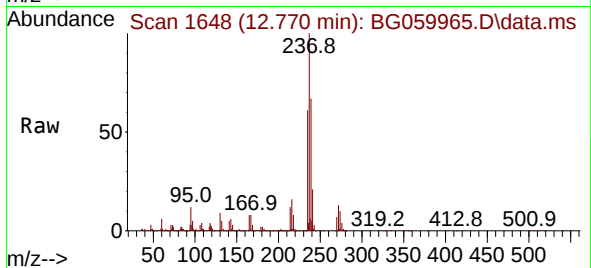
Tgt Ion:237 Resp: 1167533

Ion Ratio Lower Upper

237 100

235 61.0 49.4 89.4

272 13.0 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 120.897 ng

RT: 16.090 min Scan# 2213

Delta R.T. 0.005 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

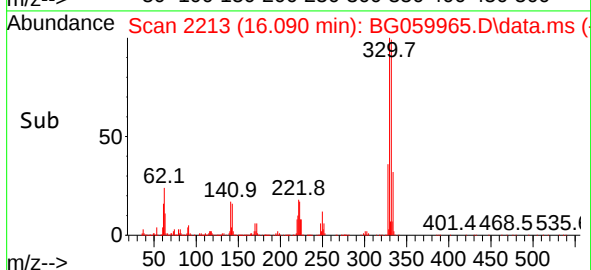
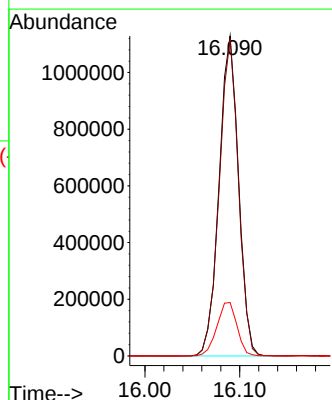
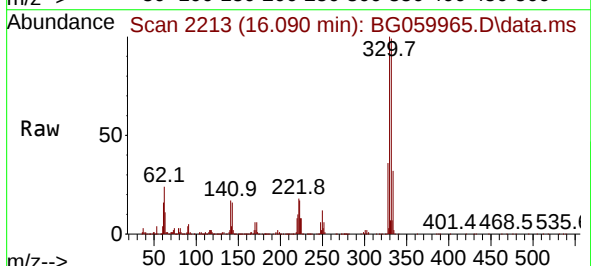
Tgt Ion:330 Resp: 1610573

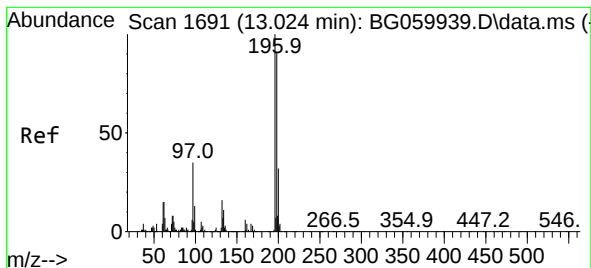
Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

141 17.4 15.0 22.6

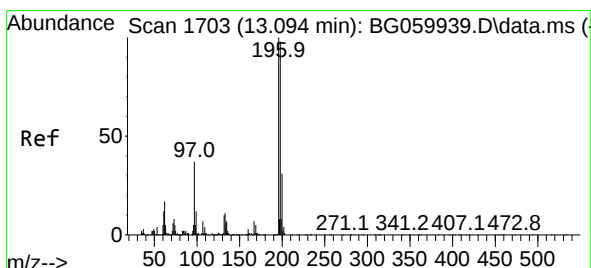
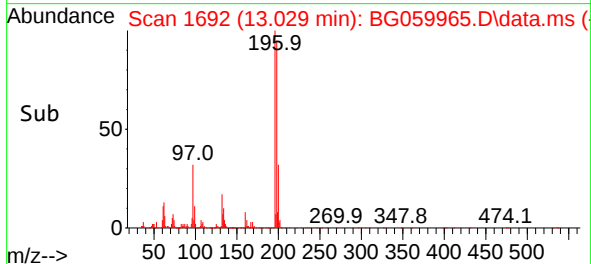
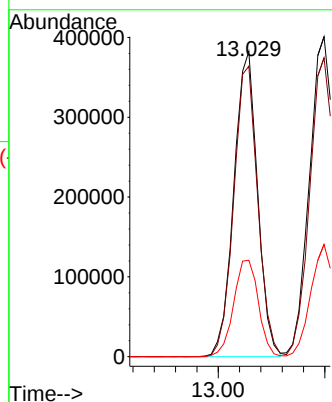
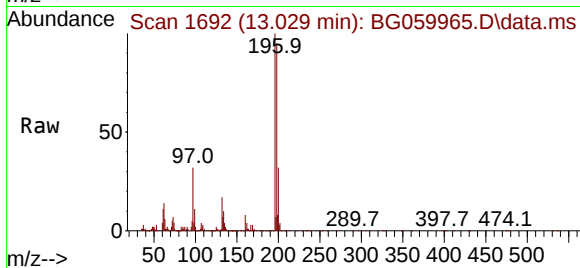




#43
2,4,6-Trichlorophenol
Concen: 39.055 ng
RT: 13.029 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

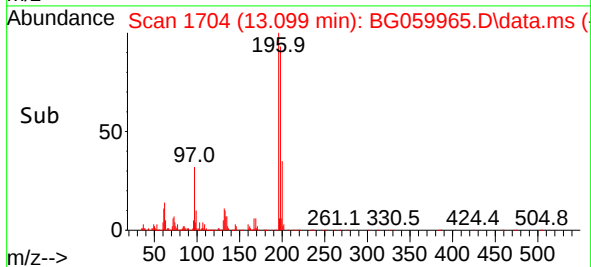
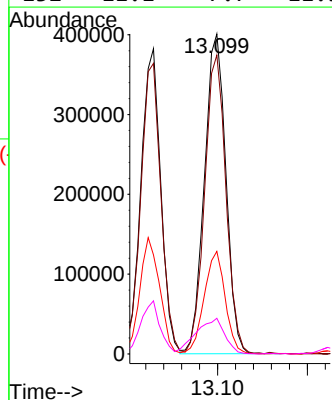
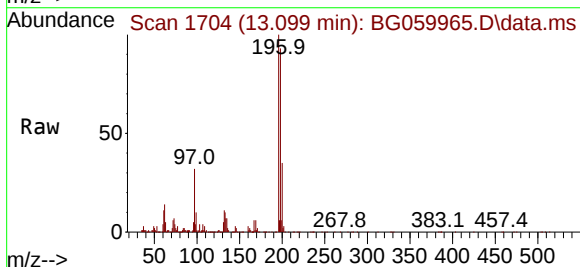
Instrument :
BNA_G
ClientSampleId :
PB157546BS

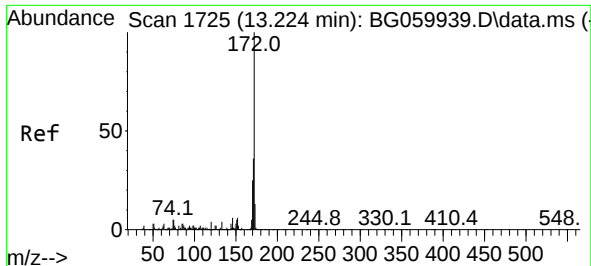
Tgt Ion:196 Resp: 591131
Ion Ratio Lower Upper
196 100
198 95.2 72.6 109.0
200 31.6 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 39.932 ng
RT: 13.099 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:196 Resp: 664631
Ion Ratio Lower Upper
196 100
198 93.4 78.3 117.5
97 32.0 30.2 45.4
132 11.1 7.7 11.5

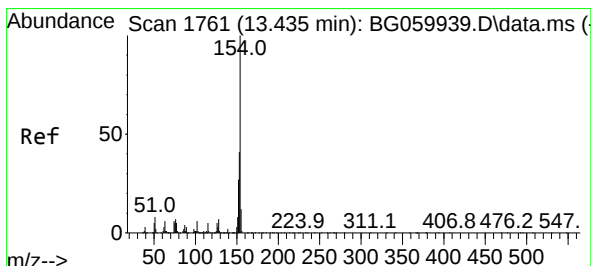
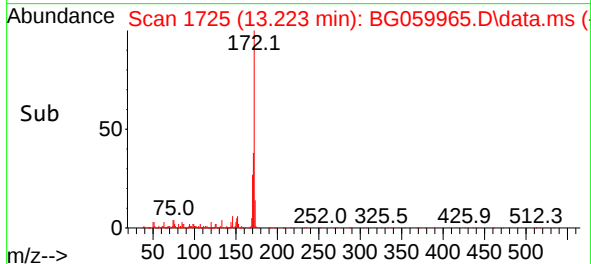
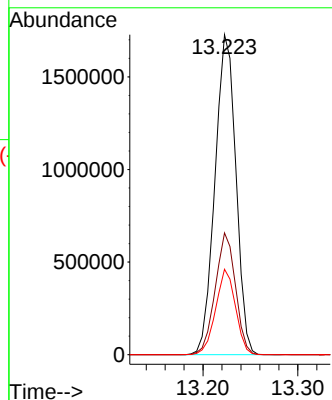
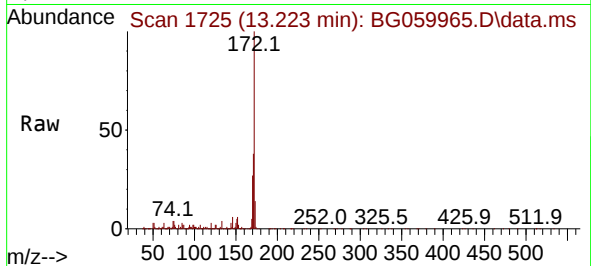




#45
2-Fluorobiphenyl
Concen: 69.922 ng
RT: 13.223 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

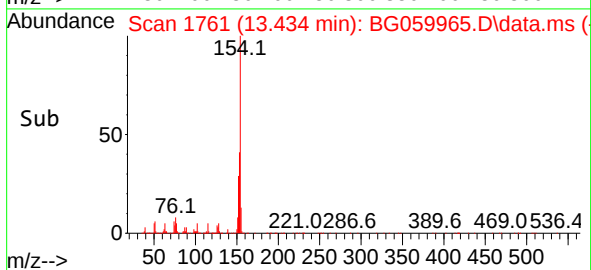
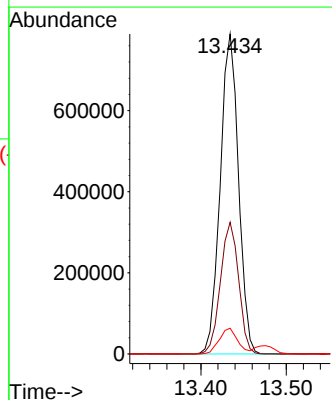
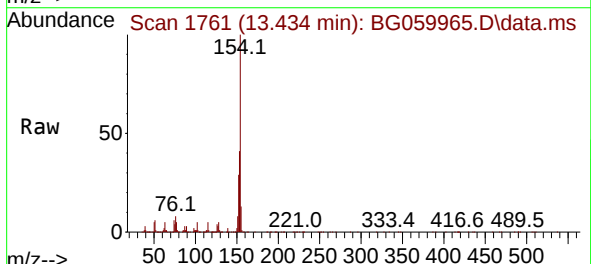
Instrument :
BNA_G
ClientSampleId :
PB157546BS

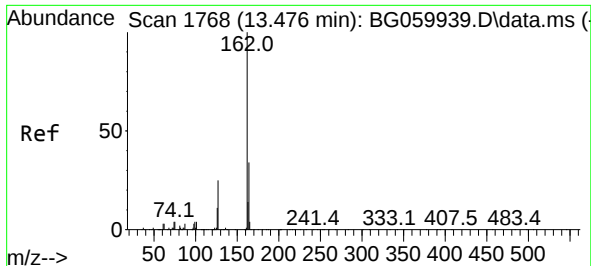
Tgt Ion:172 Resp: 2654454
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 26.7 19.8 29.8



#46
1,1'-Biphenyl
Concen: 38.841 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:154 Resp: 1175296
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 8.1 0.0 27.4

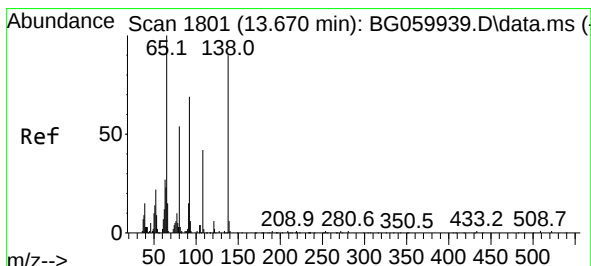
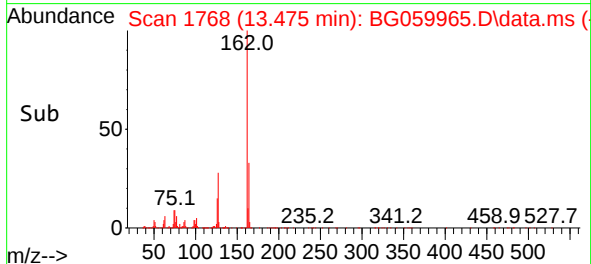
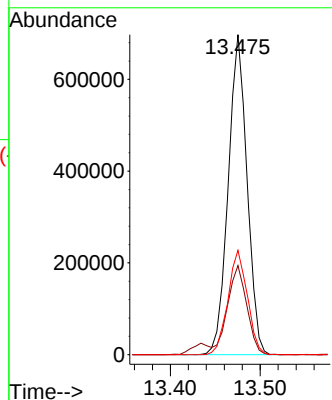
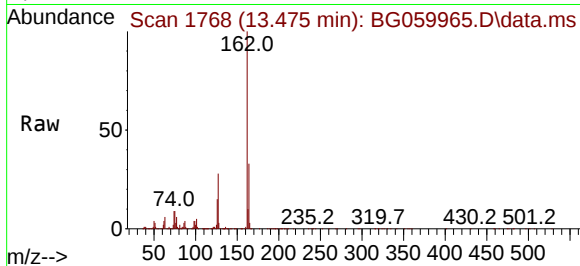




#47
2-Chloronaphthalene
Concen: 37.493 ng
RT: 13.475 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

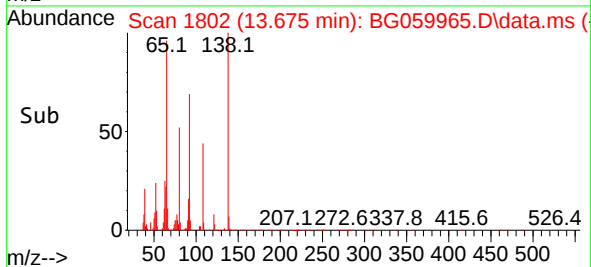
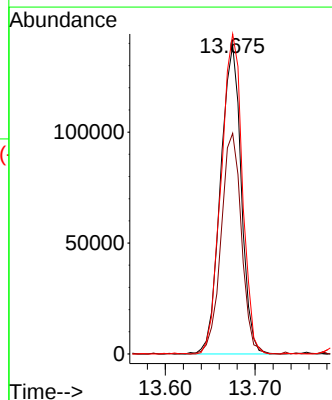
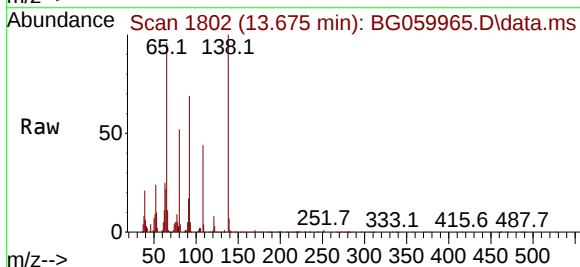
Instrument :
BNA_G
ClientSampleId :
PB157546BS

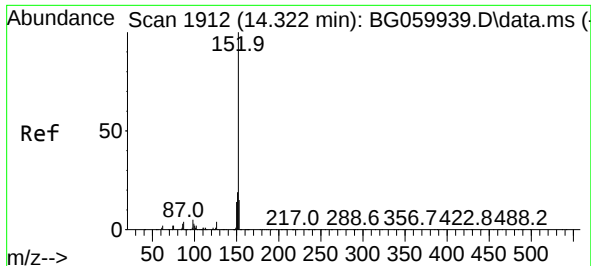
Tgt Ion:162 Resp: 1015043
Ion Ratio Lower Upper
162 100
127 27.9 22.6 33.8
164 32.6 27.4 41.0



#48
2-Nitroaniline
Concen: 43.404 ng
RT: 13.675 min Scan# 1802
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion: 65 Resp: 222734
Ion Ratio Lower Upper
65 100
92 71.5 55.4 83.2
138 103.6 71.8 107.6

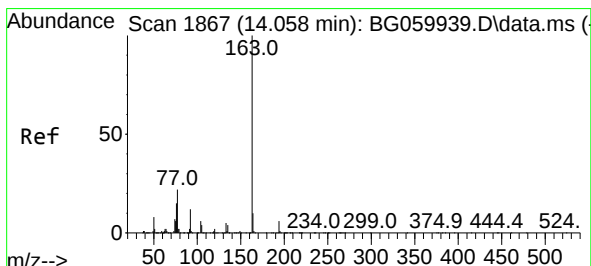
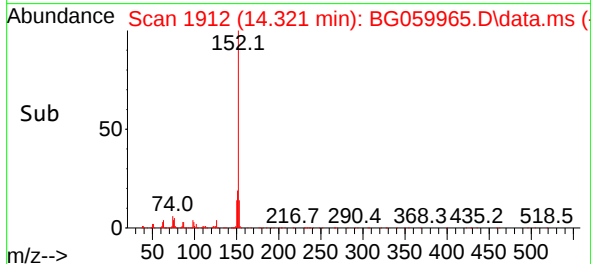
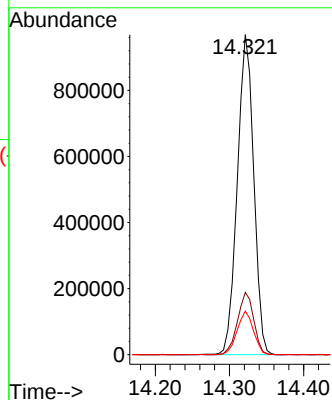
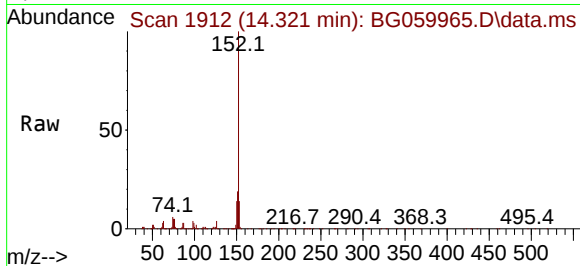




#49
Acenaphthylene
Concen: 41.102 ng
RT: 14.321 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

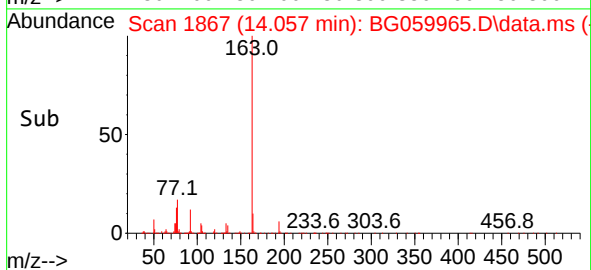
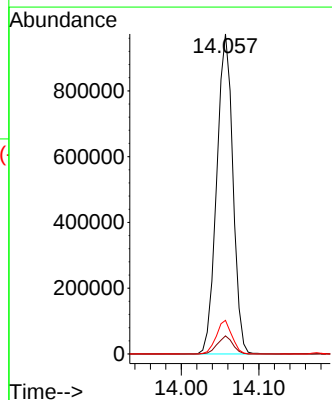
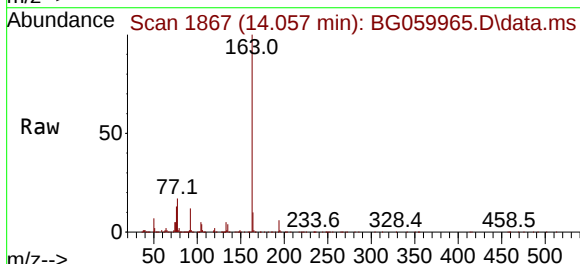
Instrument :
BNA_G
ClientSampleId :
PB157546BS

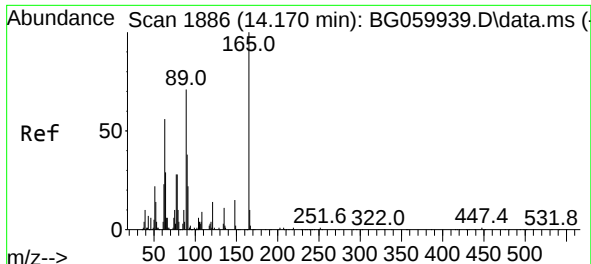
Tgt Ion:152 Resp: 1489259
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9
153 13.6 11.7 17.5



#50
Dimethylphthalate
Concen: 39.965 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:163 Resp: 1408663
Ion Ratio Lower Upper
163 100
194 5.6 4.6 7.0
164 10.5 8.1 12.1

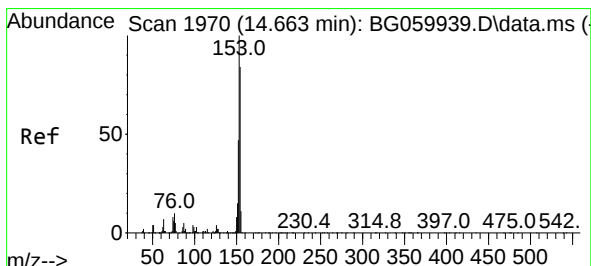
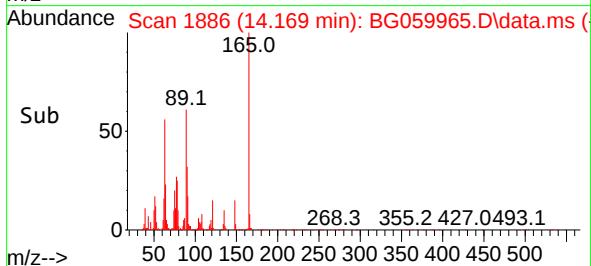
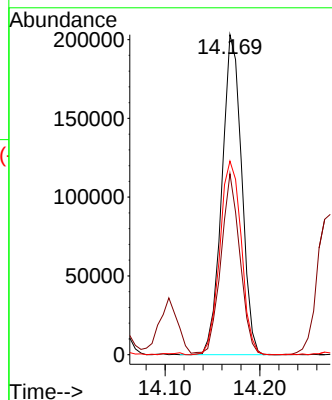
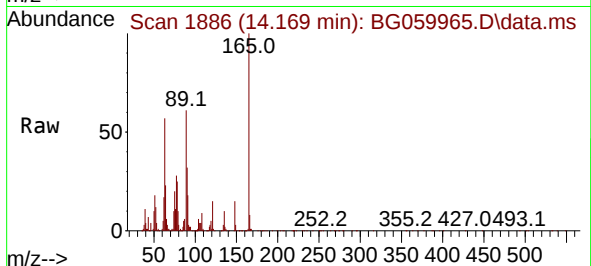




#51
2,6-Dinitrotoluene
Concen: 38.034 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

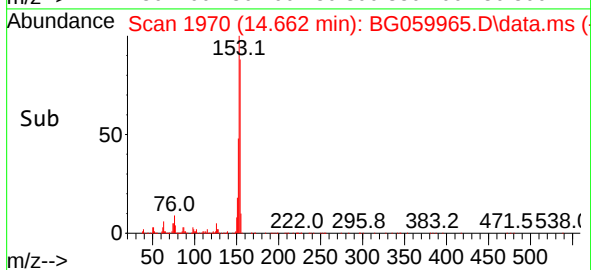
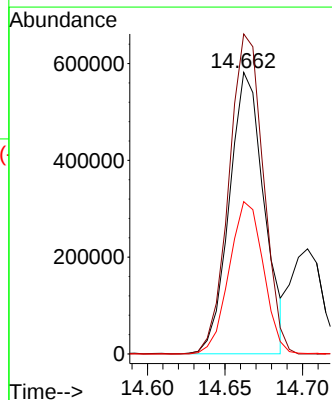
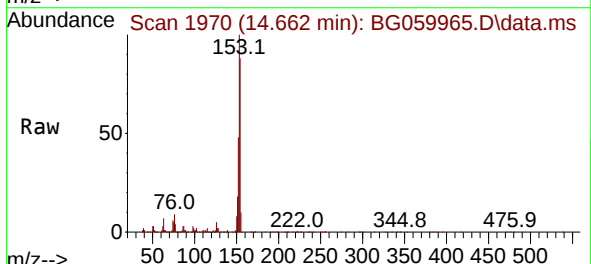
Instrument :
BNA_G
ClientSampleId :
PB157546BS

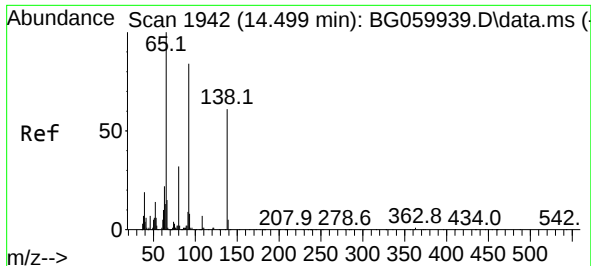
Tgt Ion:165 Resp: 293717
Ion Ratio Lower Upper
165 100
63 56.6 47.2 70.8
89 60.5 57.1 85.7



#52
Acenaphthene
Concen: 34.630 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:154 Resp: 905634
Ion Ratio Lower Upper
154 100
153 113.6 95.8 143.6
152 54.1 45.0 67.4

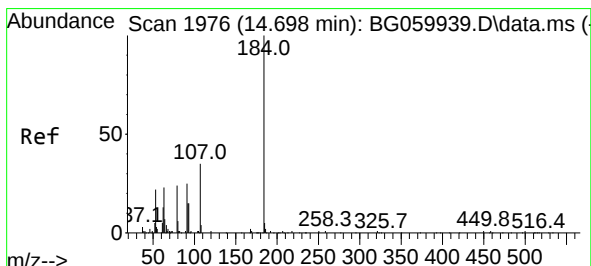
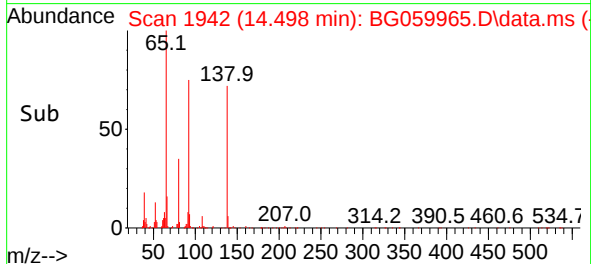
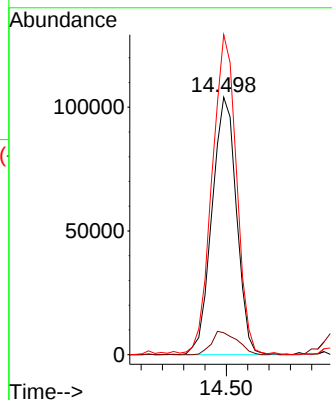
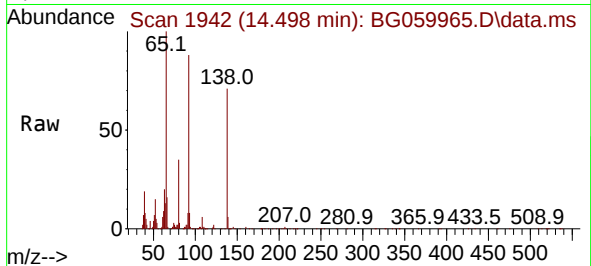




#53
3-Nitroaniline
Concen: 34.607 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

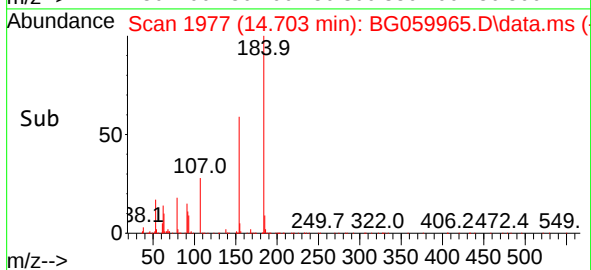
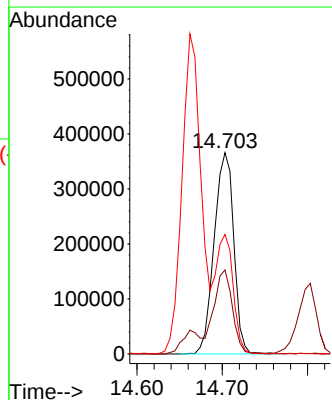
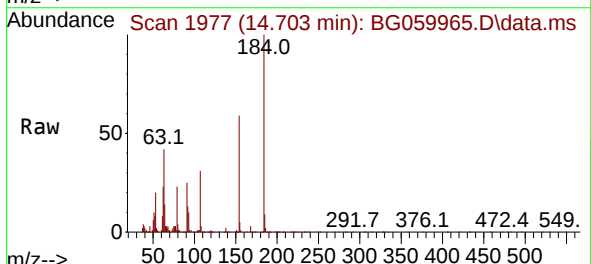
Instrument :
BNA_G
ClientSampleId :
PB157546BS

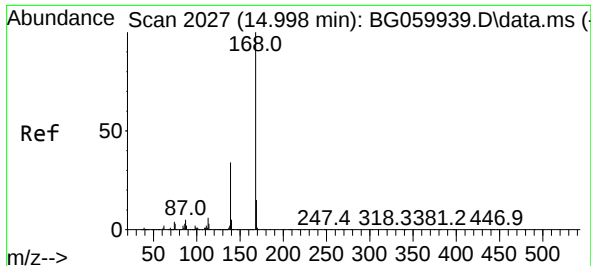
Tgt Ion:138 Resp: 165796
Ion Ratio Lower Upper
138 100
108 8.5 9.6 14.4#
92 124.3 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 86.842 ng
RT: 14.703 min Scan# 1977
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:184 Resp: 584932
Ion Ratio Lower Upper
184 100
63 41.7 38.2 57.4
154 59.3 52.6 78.8

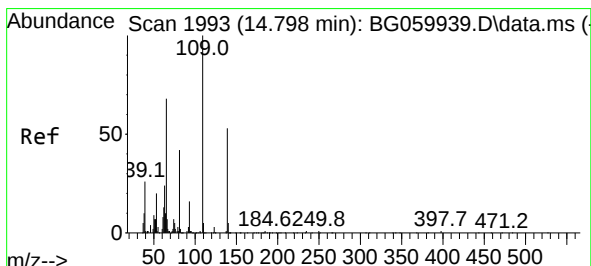
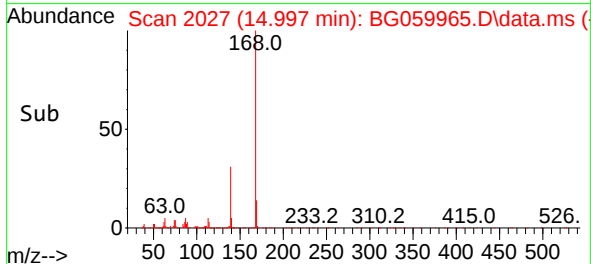
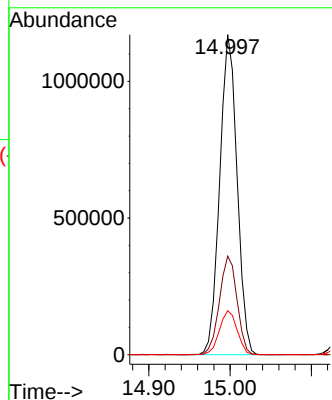
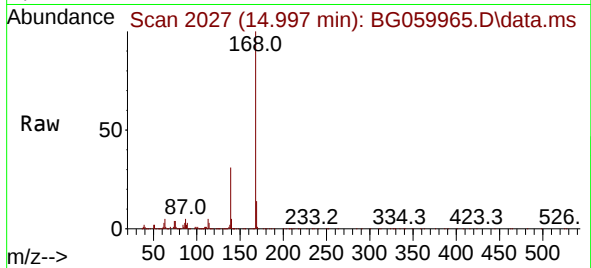




#55
Dibenzofuran
Concen: 39.420 ng
RT: 14.997 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

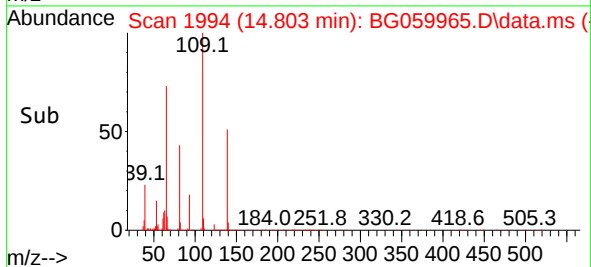
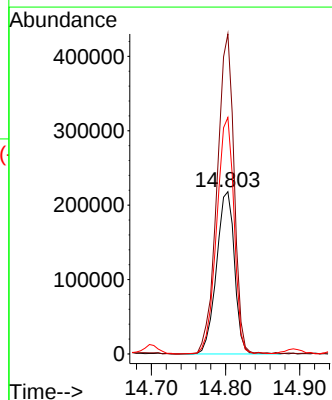
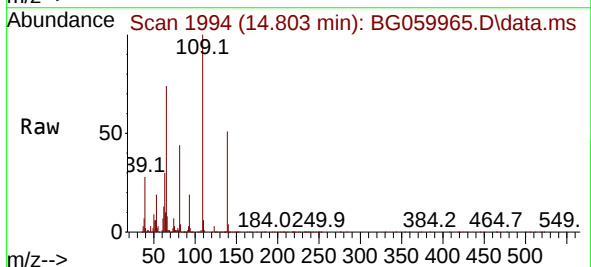
Instrument :
BNA_G
ClientSampleId :
PB157546BS

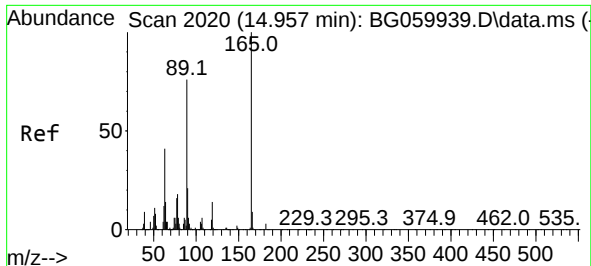
Tgt Ion:168 Resp: 1738865
Ion Ratio Lower Upper
168 100
139 30.8 27.0 40.6
169 13.8 11.6 17.4



#56
4-Nitrophenol
Concen: 88.443 ng
RT: 14.803 min Scan# 1994
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:139 Resp: 367725
Ion Ratio Lower Upper
139 100
109 197.2 167.9 207.9
65 145.7 108.1 148.1





#57

2,4-Dinitrotoluene

Concen: 41.504 ng

RT: 14.956 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

Tgt Ion:165 Resp: 445775

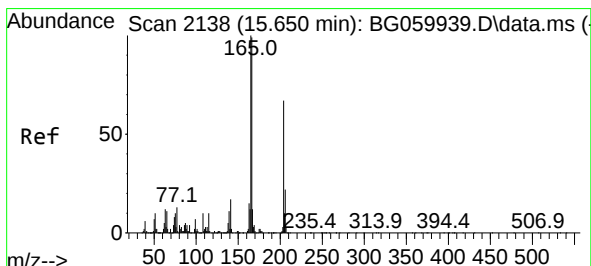
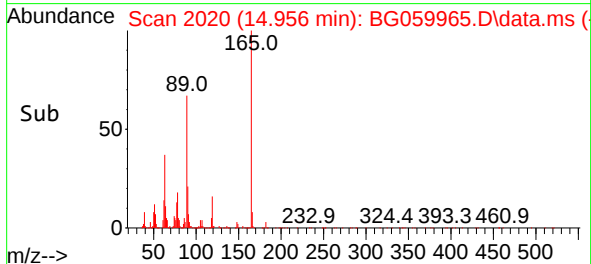
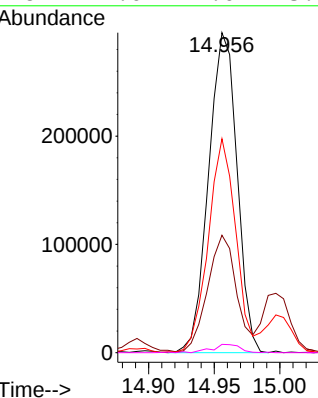
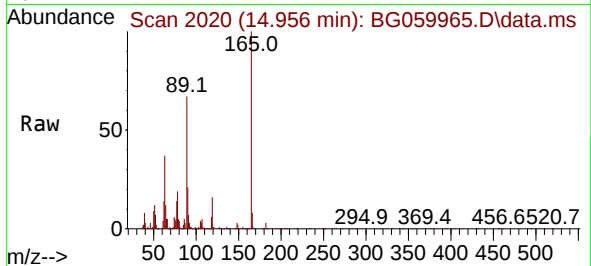
Ion Ratio Lower Upper

165 100

63 36.7 32.8 49.2

89 66.8 60.6 90.8

182 2.6 2.6 3.8



#58

Fluorene

Concen: 39.837 ng

RT: 15.649 min Scan# 2138

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

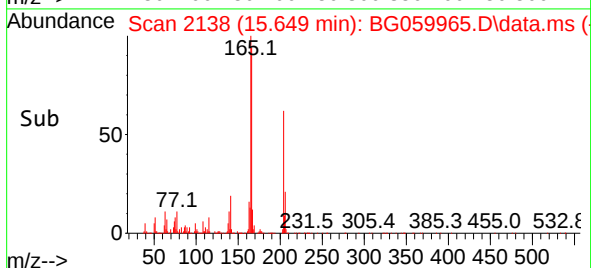
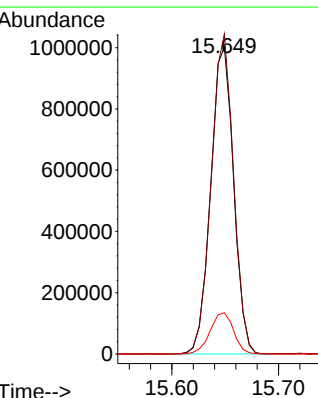
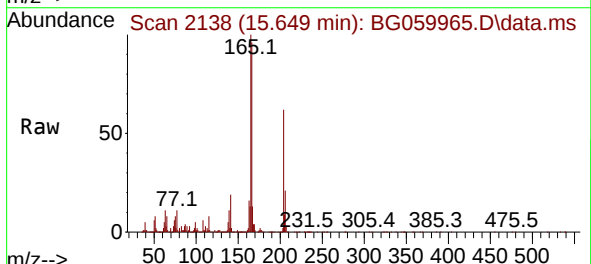
Tgt Ion:166 Resp: 1495379

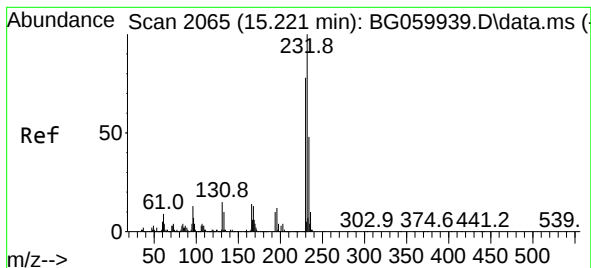
Ion Ratio Lower Upper

166 100

165 104.2 80.6 121.0

167 13.4 9.9 14.9



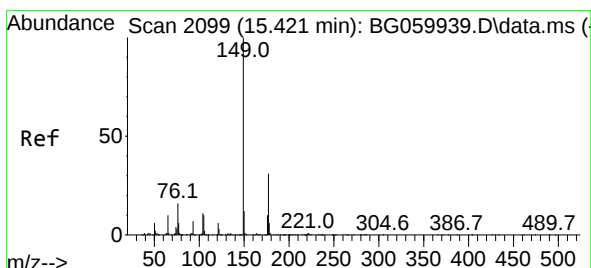
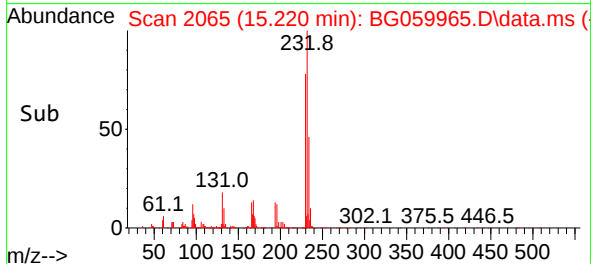
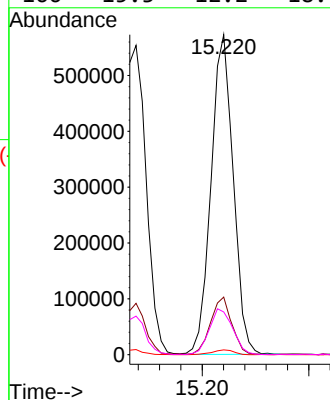
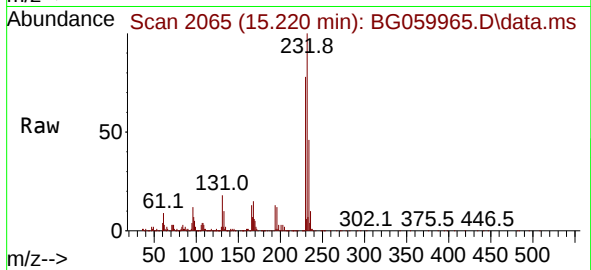


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.749 ng
RT: 15.220 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB157546BS

Tgt Ion:232 Resp: 826618

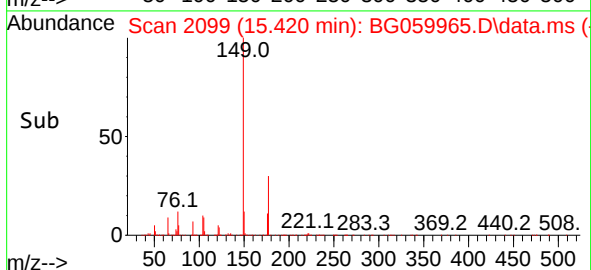
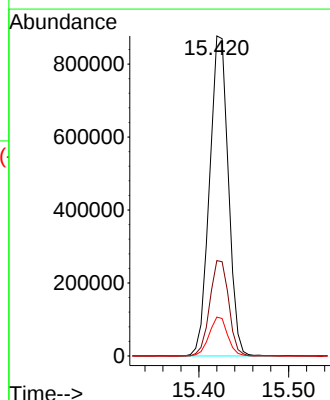
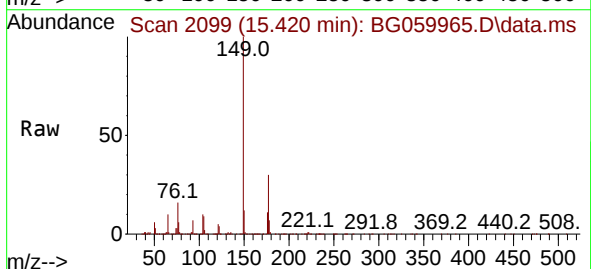
Ion	Ratio	Lower	Upper
232	100		
131	17.1	14.8	22.2
130	1.5	1.2	1.8
166	15.3	12.2	18.4

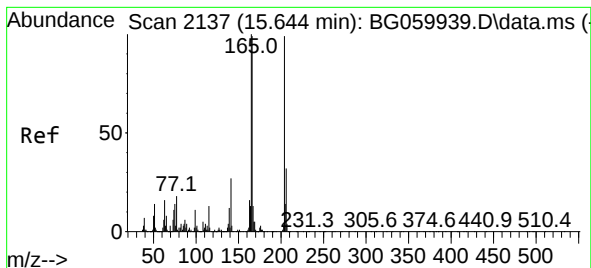


#60
Diethylphthalate
Concen: 40.592 ng
RT: 15.420 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:149 Resp: 1274334

Ion	Ratio	Lower	Upper
149	100		
177	29.8	24.6	37.0
150	12.2	9.6	14.4

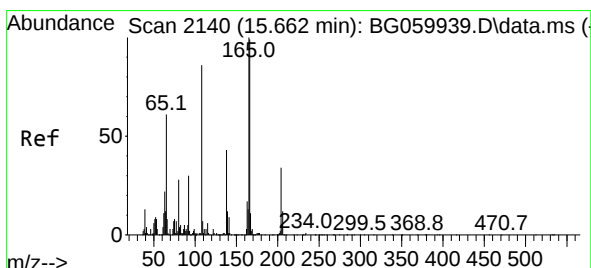
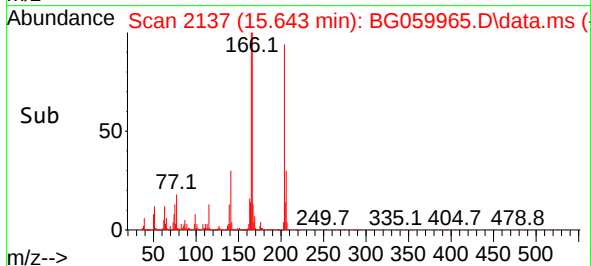
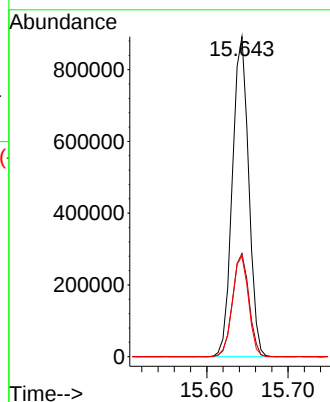
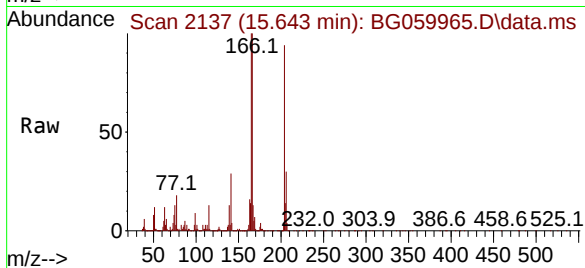




#61
4-Chlorophenyl-phenylether
Concen: 36.431 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

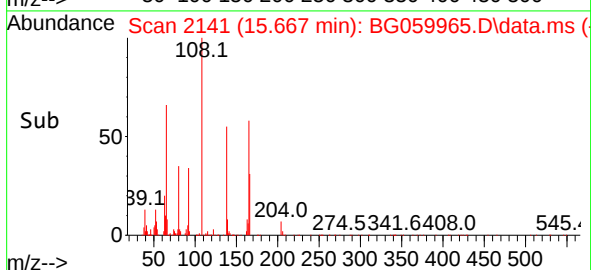
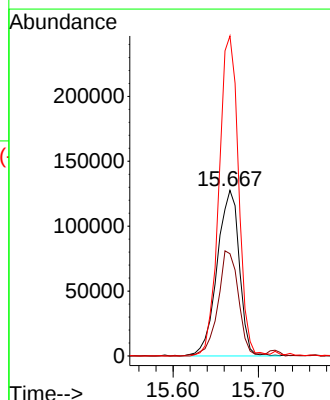
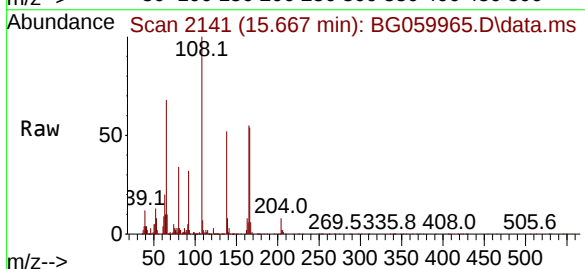
Instrument :
BNA_G
ClientSampleId :
PB157546BS

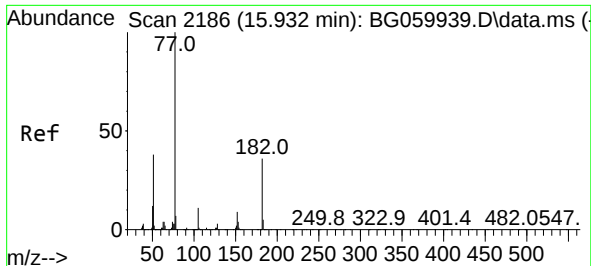
Tgt Ion:204 Resp: 1240534
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 31.3 21.4 32.2



#62
4-Nitroaniline
Concen: 41.879 ng
RT: 15.667 min Scan# 2141
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:138 Resp: 230941
Ion Ratio Lower Upper
138 100
92 61.8 50.8 90.8
108 193.3 181.0 221.0

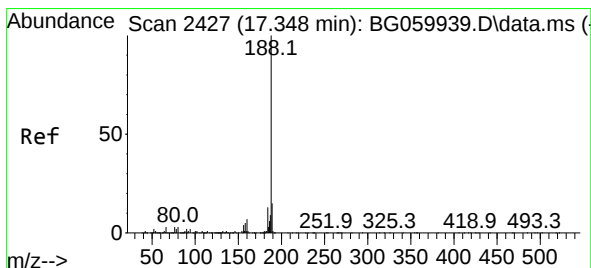
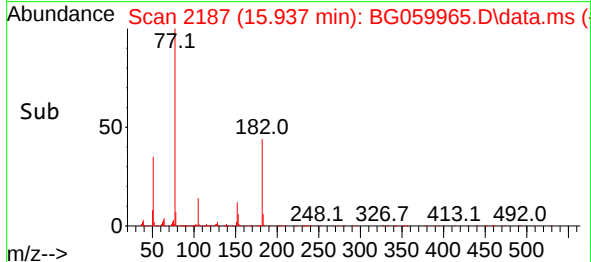
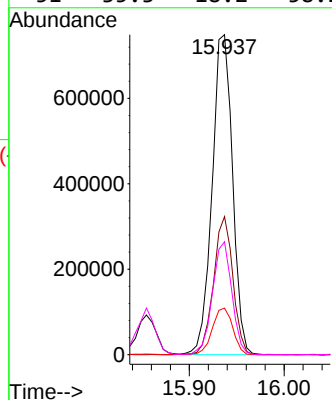
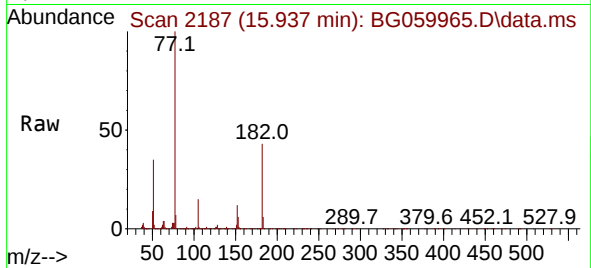




#63
Azobenzene
Concen: 34.403 ng
RT: 15.937 min Scan# 2186
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

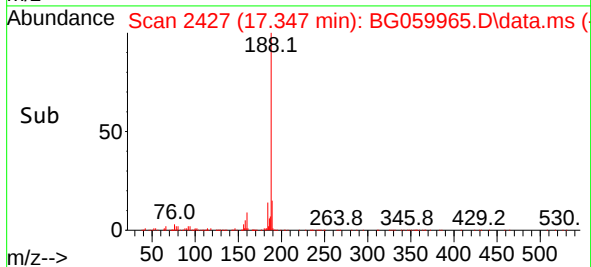
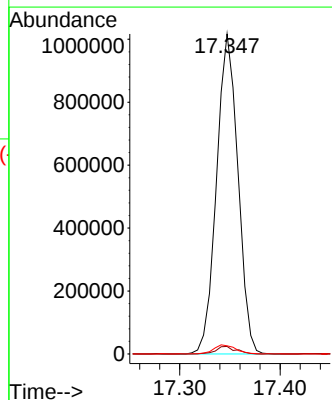
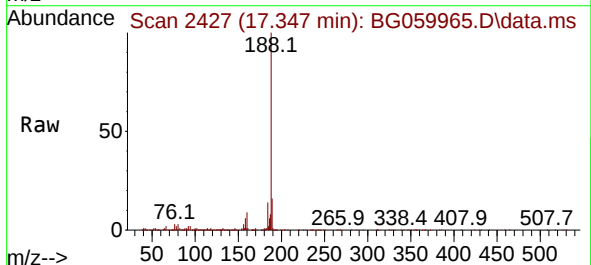
Instrument :
BNA_G
ClientSampleId :
PB157546BS

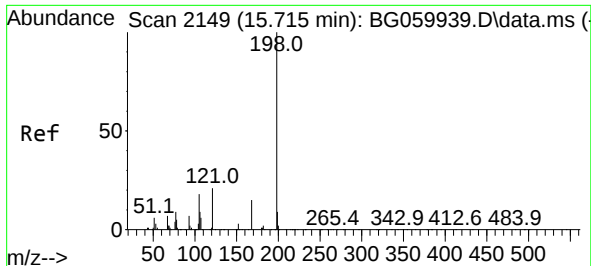
Tgt Ion: 77 Resp: 1120440
Ion Ratio Lower Upper
77 100
182 43.2 15.7 55.7
105 14.6 0.0 31.5
51 35.3 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:188 Resp: 1504091
Ion Ratio Lower Upper
188 100
94 2.4 1.8 2.6
80 2.5 2.2 3.4

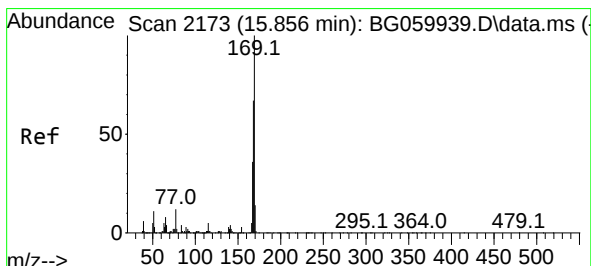
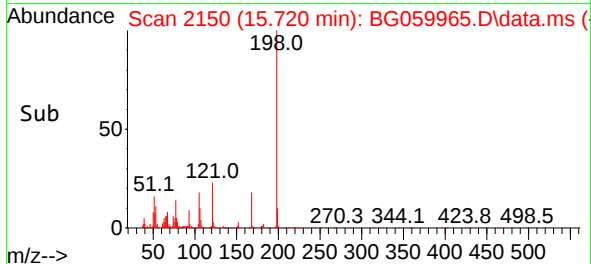
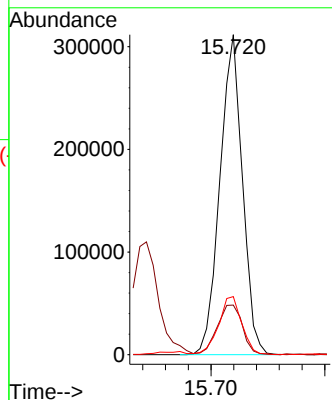
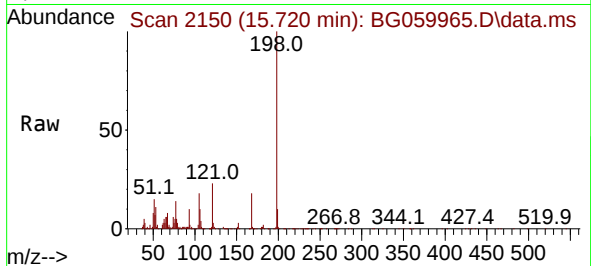




#65
4,6-Dinitro-2-methylphenol
Concen: 37.249 ng
RT: 15.720 min Scan# 2149
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

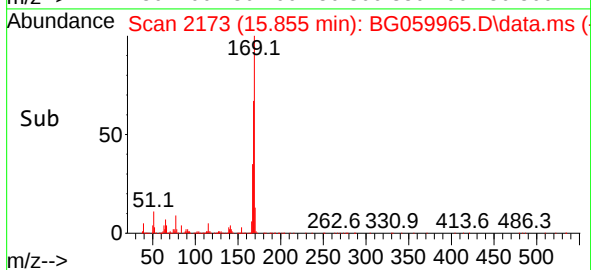
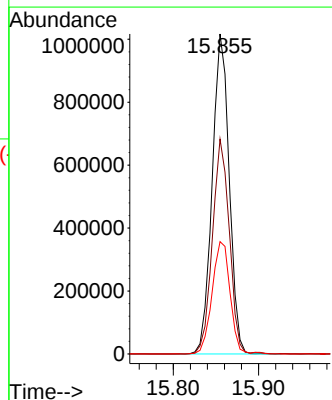
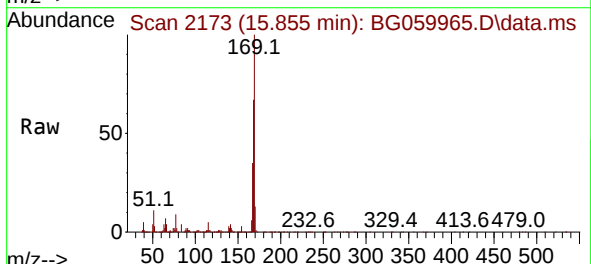
Instrument :
BNA_G
ClientSampleId :
PB157546BS

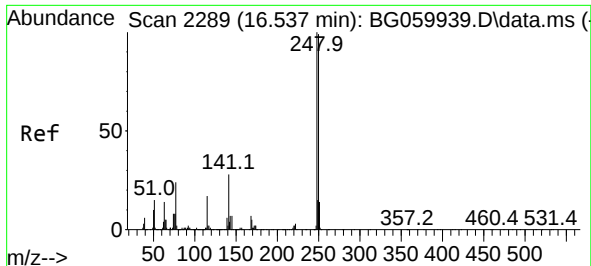
Tgt Ion:198 Resp: 428344
Ion Ratio Lower Upper
198 100
51 15.5 0.0 34.4
105 18.2 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 40.764 ng
RT: 15.855 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:169 Resp: 1404456
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 35.1 29.2 43.8

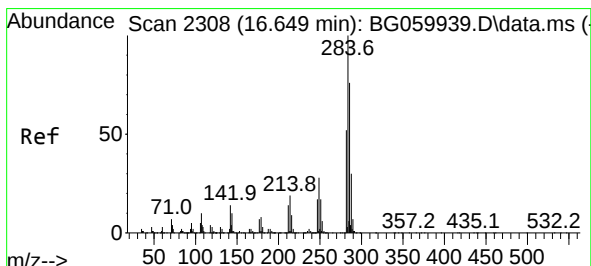
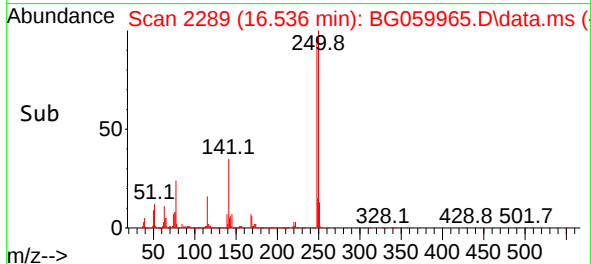
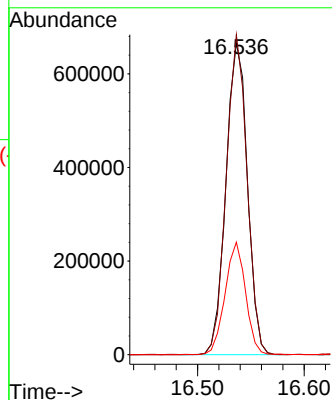
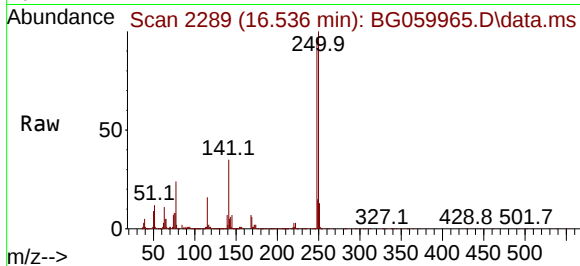




#67
4-Bromophenyl-phenylether
Concen: 36.186 ng
RT: 16.536 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

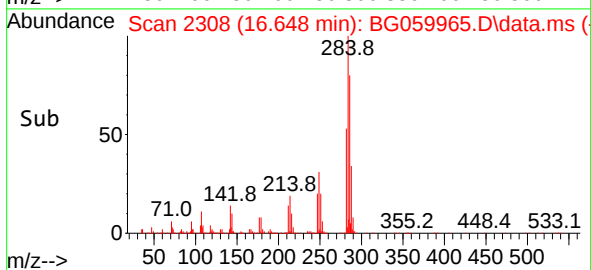
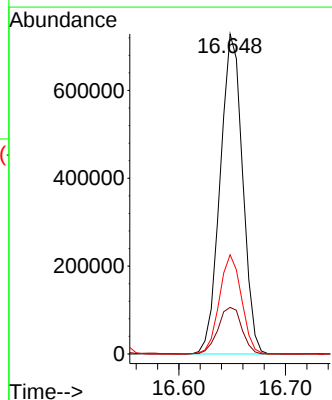
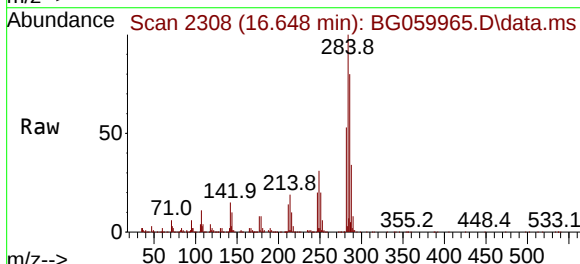
Instrument :
BNA_G
ClientSampleId :
PB157546BS

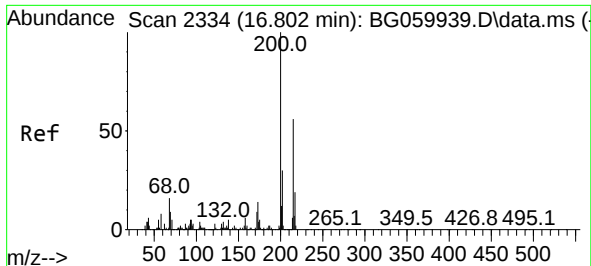
Tgt Ion:248 Resp: 932486
Ion Ratio Lower Upper
248 100
250 102.7 79.0 118.4
141 36.1 22.3 33.5#



#68
Hexachlorobenzene
Concen: 37.080 ng
RT: 16.648 min Scan# 2308
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:284 Resp: 1061668
Ion Ratio Lower Upper
284 100
142 14.6 11.4 17.0
249 31.0 24.2 36.2

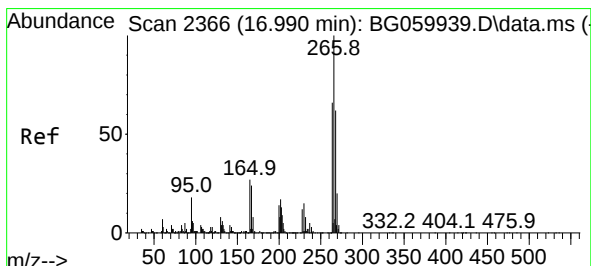
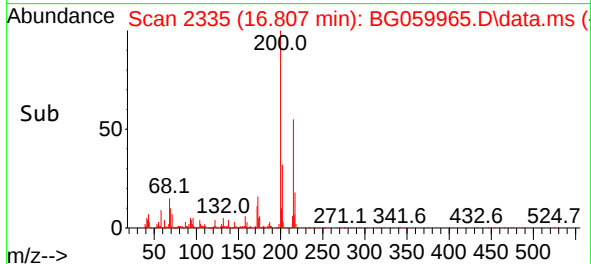
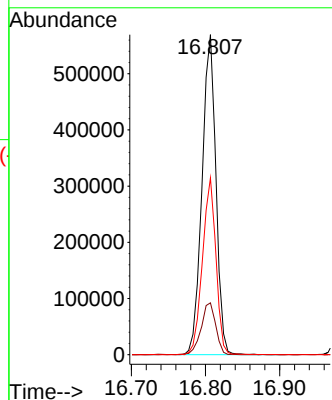
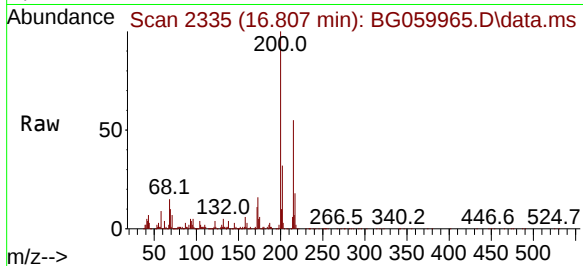




#69
Atrazine
Concen: 43.788 ng
RT: 16.807 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

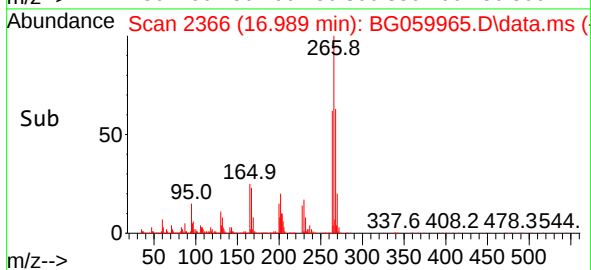
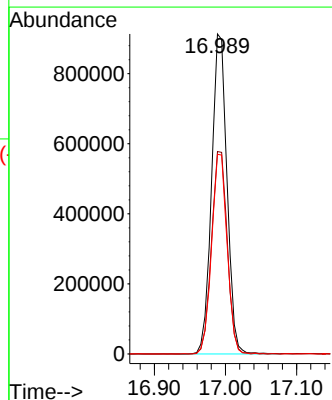
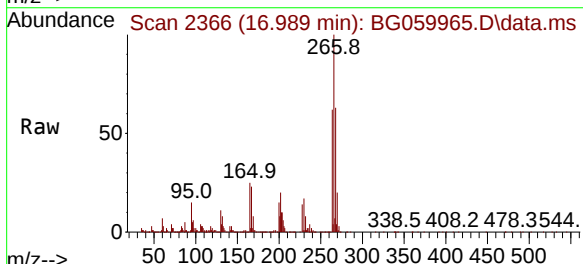
Instrument :
BNA_G
ClientSampleId :
PB157546BS

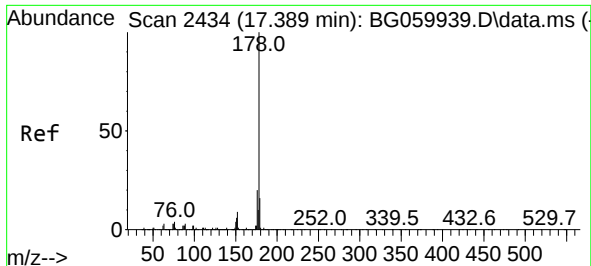
Tgt Ion:200 Resp: 744383
Ion Ratio Lower Upper
200 100
173 16.2 0.0 34.0
215 55.3 36.5 76.5



#70
Pentachlorophenol
Concen: 66.036 ng
RT: 16.989 min Scan# 2366
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:266 Resp: 1370098
Ion Ratio Lower Upper
266 100
268 63.2 49.3 73.9
264 62.4 53.2 79.8

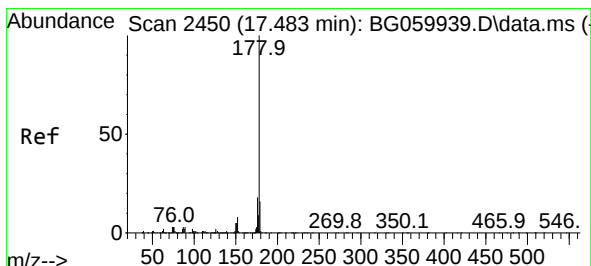
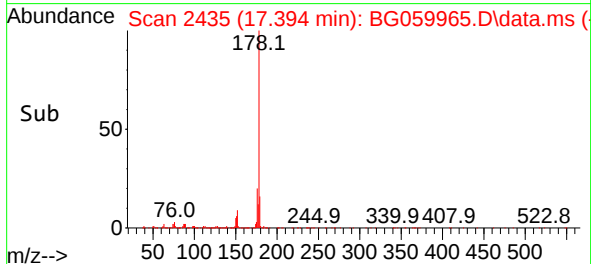
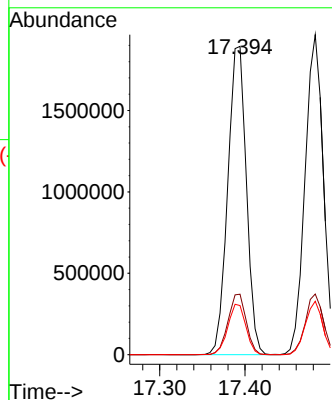
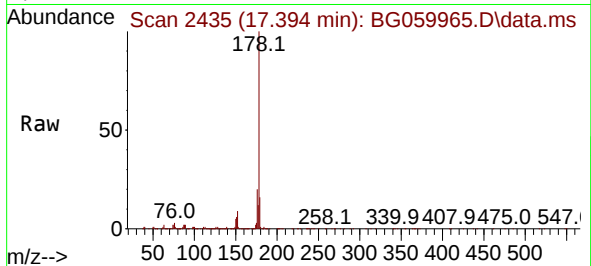




#71
Phenanthrene
Concen: 40.541 ng
RT: 17.394 min Scan# 2434
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

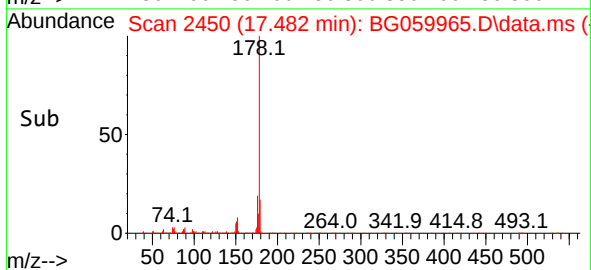
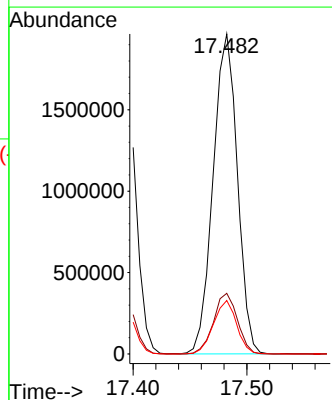
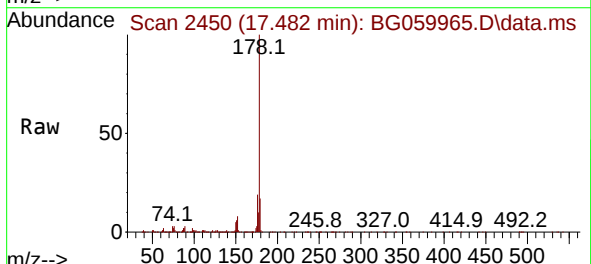
Instrument :
BNA_G
ClientSampleId :
PB157546BS

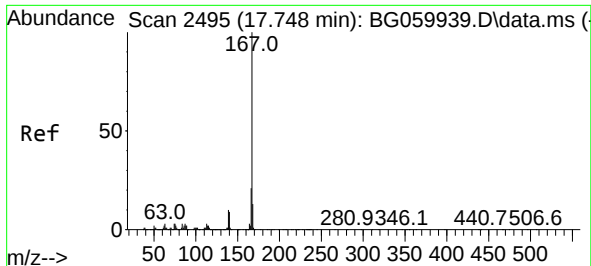
Tgt Ion:178 Resp: 2879319
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.0 12.6 19.0



#72
Anthracene
Concen: 40.133 ng
RT: 17.482 min Scan# 2450
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:178 Resp: 2913527
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 16.7 13.2 19.8

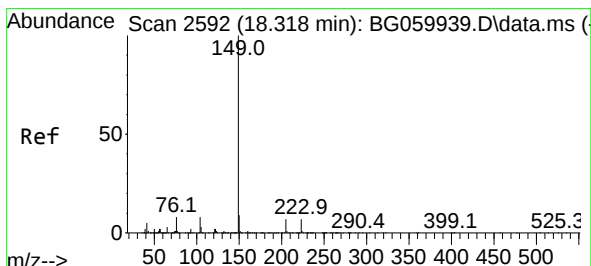
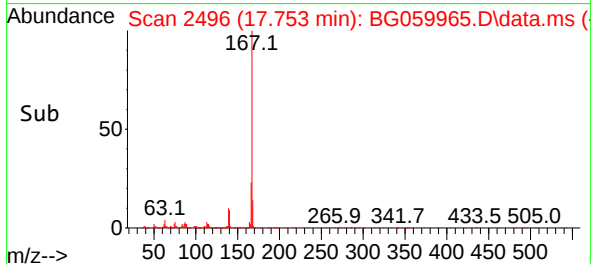
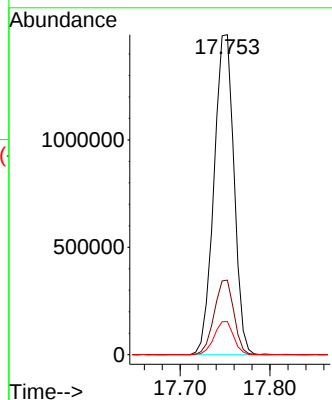
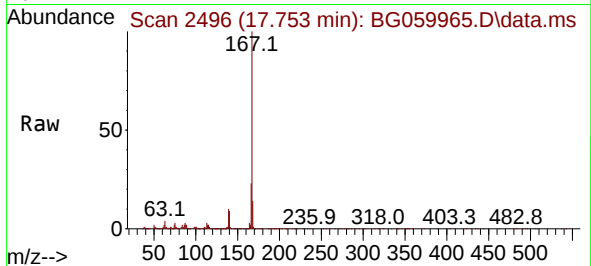




#73
 Carbazole
 Concen: 41.747 ng
 RT: 17.753 min Scan# 2496
 Delta R.T. 0.005 min
 Lab File: BG059965.D
 Acq: 6 Dec 2023 11:51

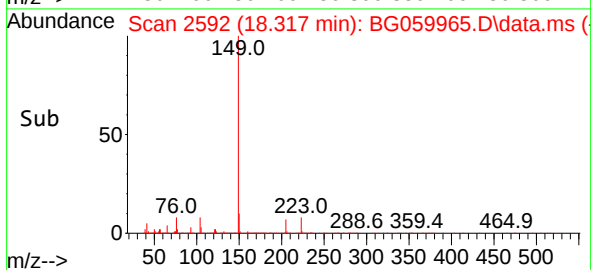
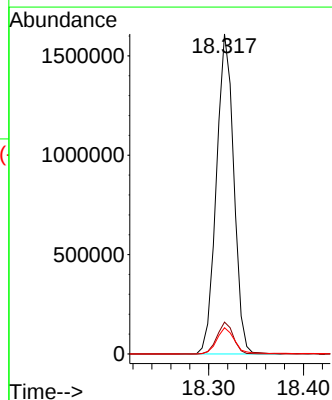
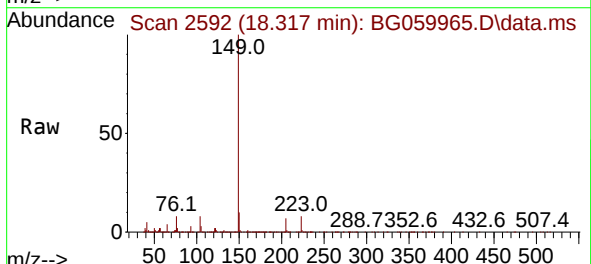
Instrument :
 BNA_G
 ClientSampleId :
 PB157546BS

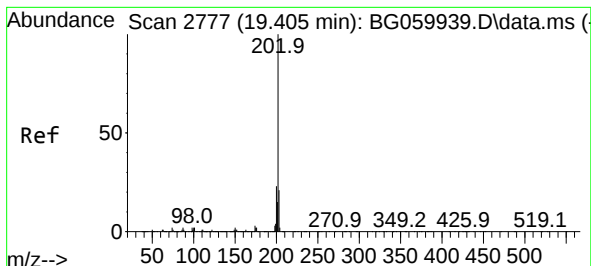
Tgt Ion:167 Resp: 2303405
 Ion Ratio Lower Upper
 167 100
 166 23.3 16.7 25.1
 139 10.3 8.0 12.0



#74
 Di-n-butylphthalate
 Concen: 42.999 ng
 RT: 18.317 min Scan# 2592
 Delta R.T. -0.001 min
 Lab File: BG059965.D
 Acq: 6 Dec 2023 11:51

Tgt Ion:149 Resp: 2052037
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.0
 104 8.2 6.2 9.2





#75

Fluoranthene

Concen: 35.957 ng

RT: 19.404 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

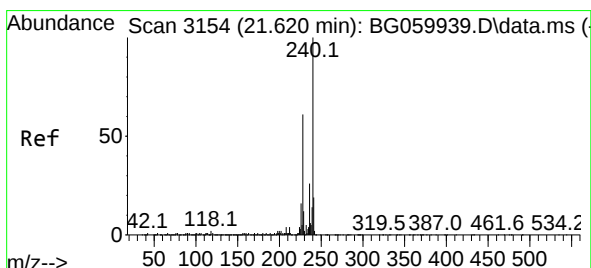
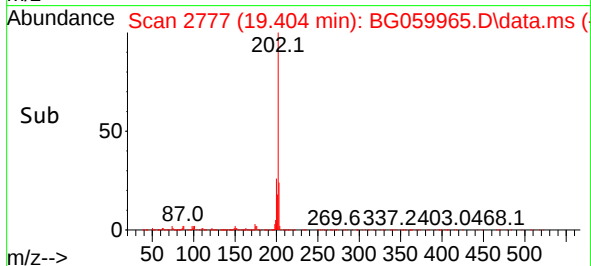
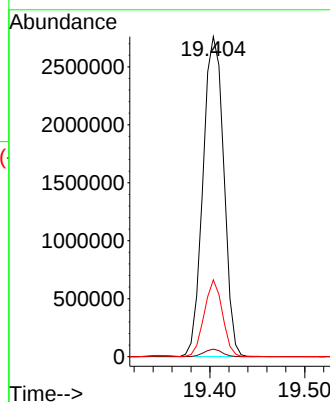
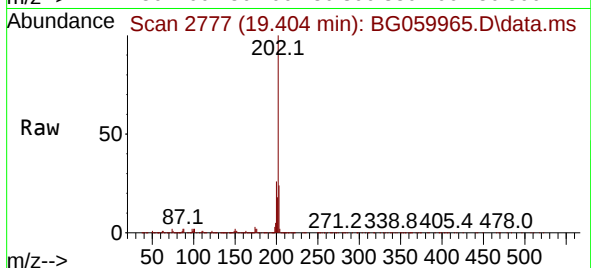
Tgt Ion:202 Resp: 4196926

Ion Ratio Lower Upper

202 100

101 2.3 0.0 21.6

203 24.0 0.9 40.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3155

Delta R.T. 0.005 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

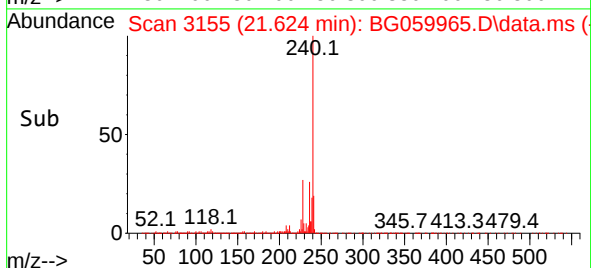
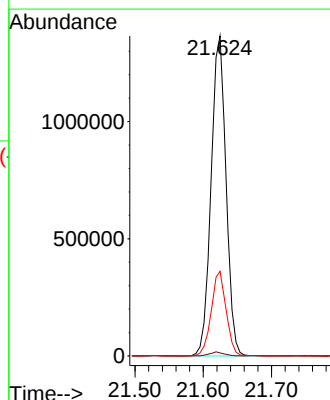
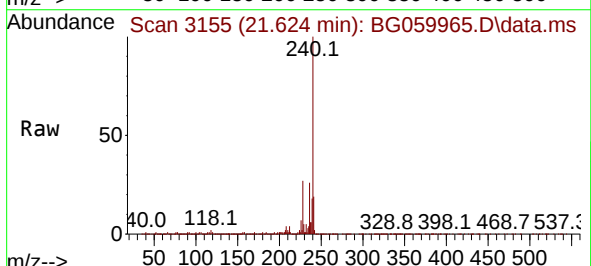
Tgt Ion:240 Resp: 2084592

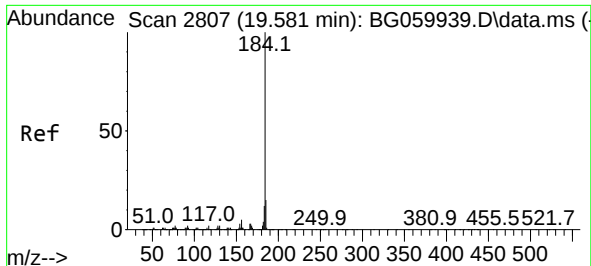
Ion Ratio Lower Upper

240 100

120 1.0 1.0 1.4

236 26.5 20.8 31.2

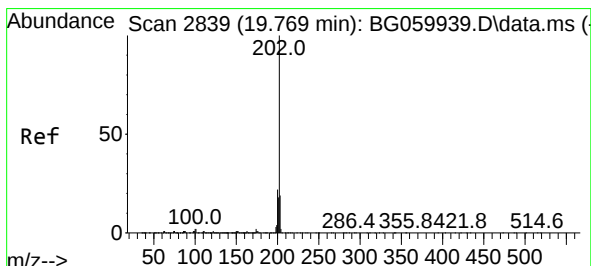
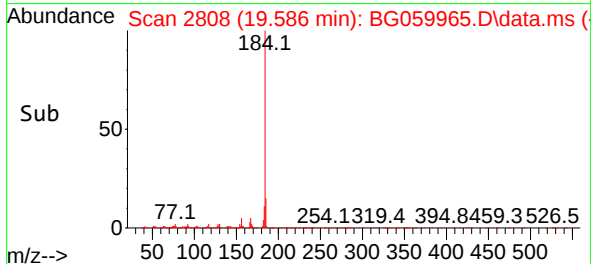
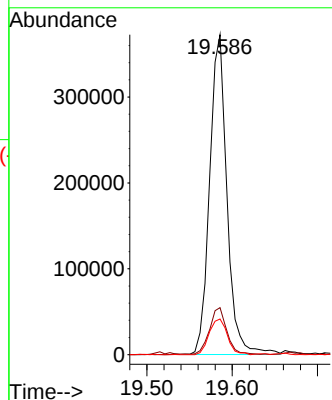
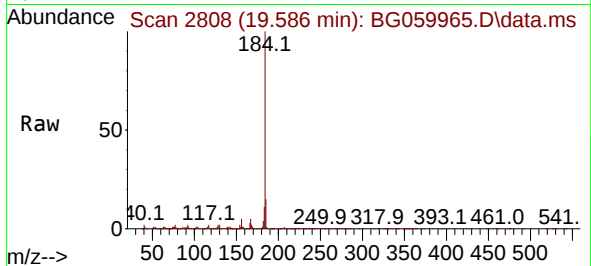




#77
Benzidine
Concen: 29.984 ng
RT: 19.586 min Scan# 2808
Delta R.T. 0.005 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

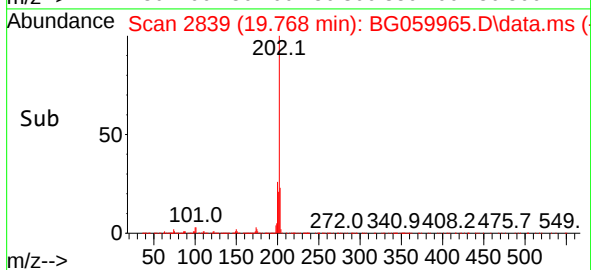
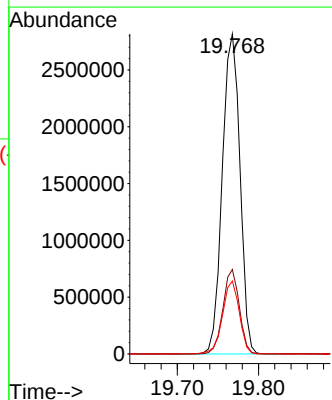
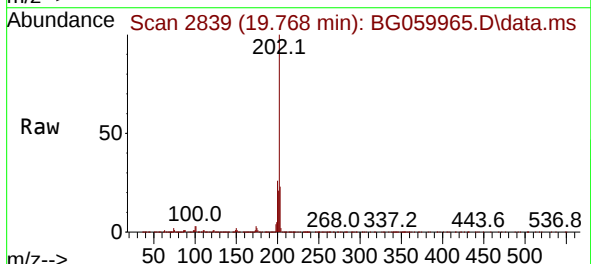
Instrument :
BNA_G
ClientSampleId :
PB157546BS

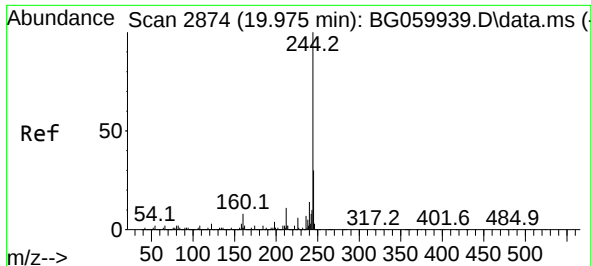
Tgt Ion:184 Resp: 526799
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.2 9.7 14.5



#78
Pyrene
Concen: 38.382 ng
RT: 19.768 min Scan# 2839
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:202 Resp: 4257984
Ion Ratio Lower Upper
202 100
200 26.4 17.8 26.6
203 22.8 15.4 23.0

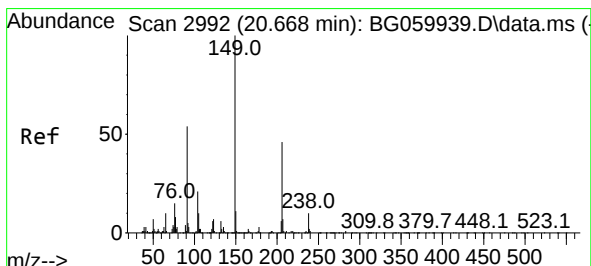
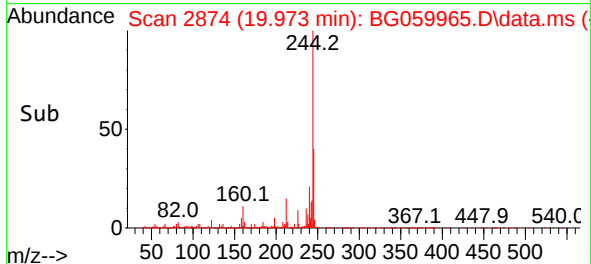
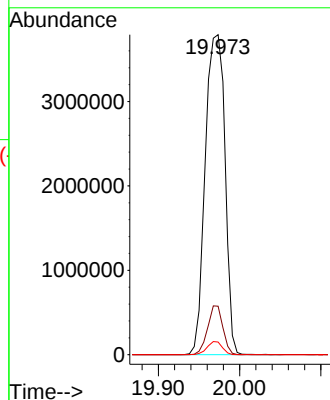
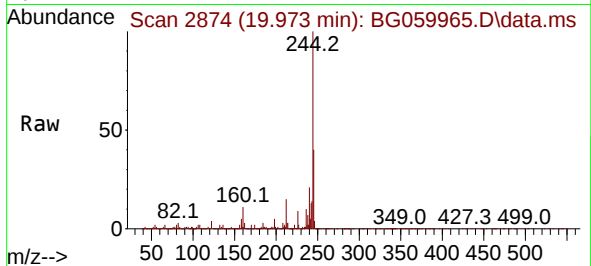




#79
 Terphenyl-d14
 Concen: 52.813 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059965.D
 Acq: 6 Dec 2023 11:51

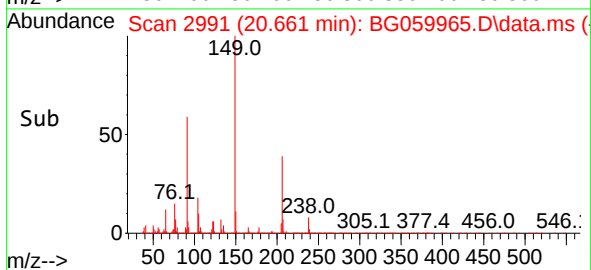
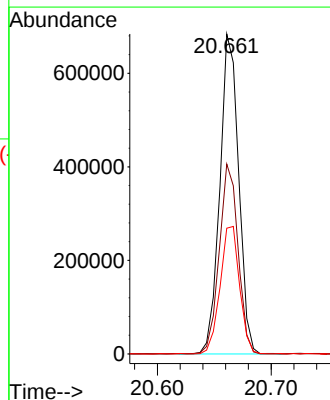
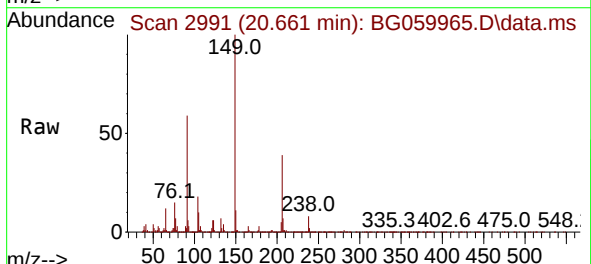
Instrument :
 BNA_G
 ClientSampleId :
 PB157546BS

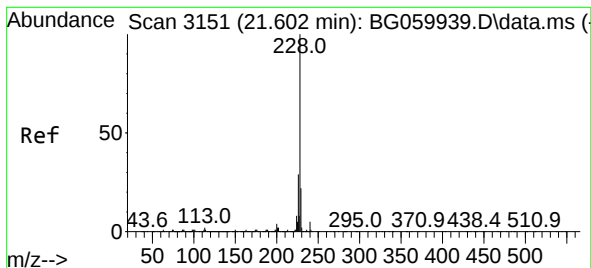
Tgt Ion:244 Resp: 6386354
 Ion Ratio Lower Upper
 244 100
 212 15.2 8.6 13.0#
 122 4.0 2.1 3.1#



#80
 Butylbenzylphthalate
 Concen: 50.028 ng
 RT: 20.661 min Scan# 2991
 Delta R.T. -0.007 min
 Lab File: BG059965.D
 Acq: 6 Dec 2023 11:51

Tgt Ion:149 Resp: 787296
 Ion Ratio Lower Upper
 149 100
 91 59.4 42.9 64.3
 206 39.3 36.7 55.1





#81

Benzo(a)anthracene

Concen: 38.084 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

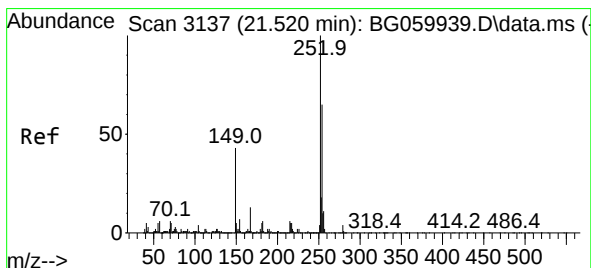
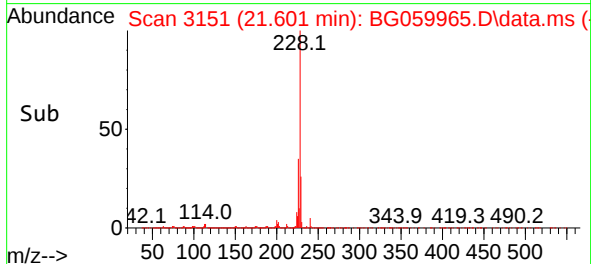
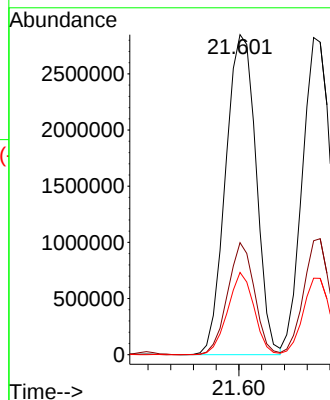
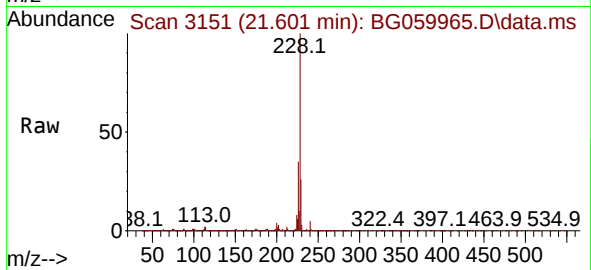
Tgt Ion:228 Resp: 5296918

Ion Ratio Lower Upper

228 100

226 35.0 23.4 35.2

229 25.7 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 39.543 ng

RT: 21.519 min Scan# 3137

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

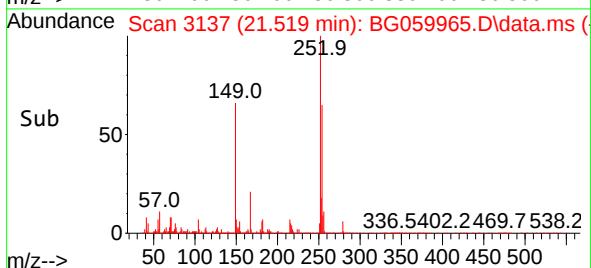
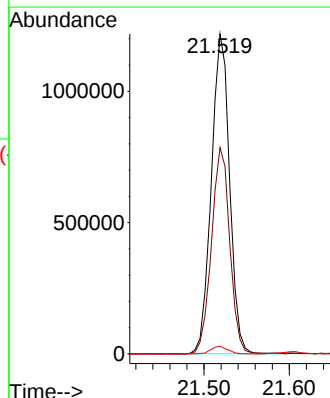
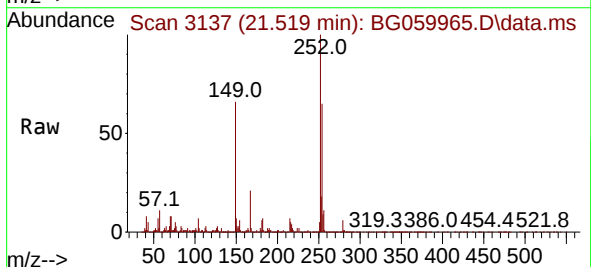
Tgt Ion:252 Resp: 1806285

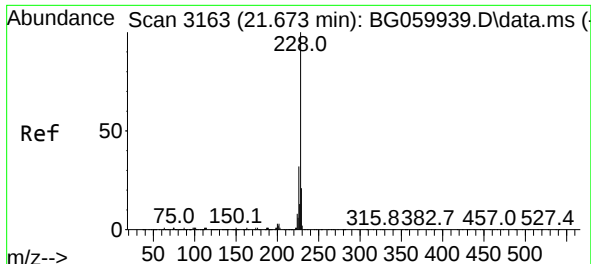
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 2.4 1.4 2.2#

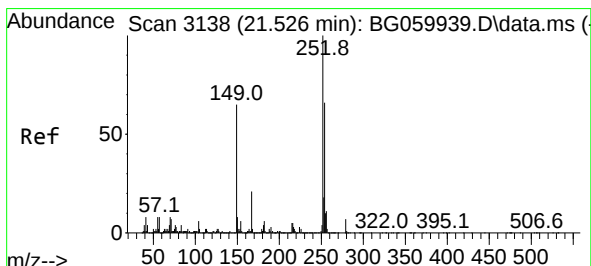
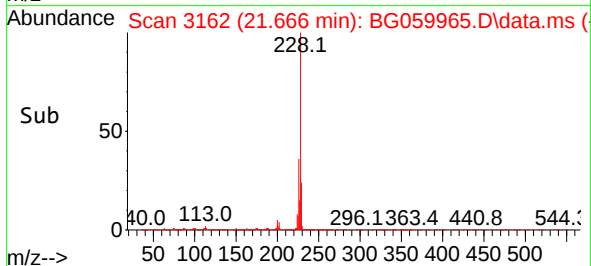
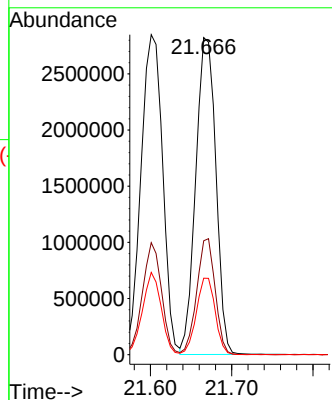
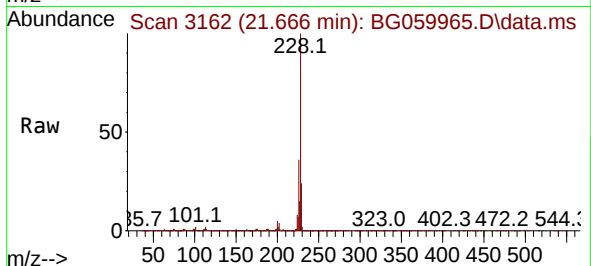




#83
Chrysene
Concen: 37.336 ng
RT: 21.666 min Scan# 3162
Delta R.T. -0.007 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

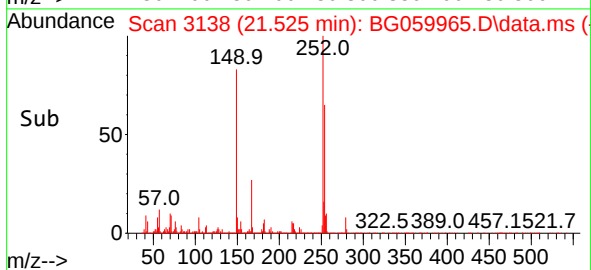
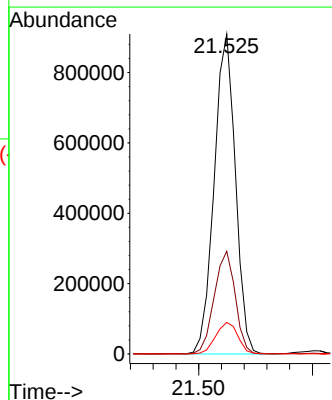
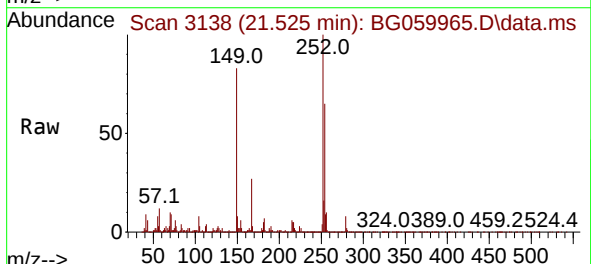
Instrument :
BNA_G
ClientSampleId :
PB157546BS

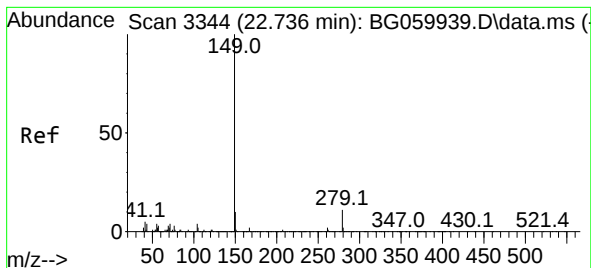
Tgt Ion:228 Resp: 4868607
Ion Ratio Lower Upper
228 100
226 35.9 25.4 38.2
229 24.1 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.993 ng
RT: 21.525 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:149 Resp: 1179788
Ion Ratio Lower Upper
149 100
167 32.1 26.1 39.1
279 9.9 8.6 12.8





#85

Di-n-octyl phthalate

Concen: 48.999 ng

RT: 22.735 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

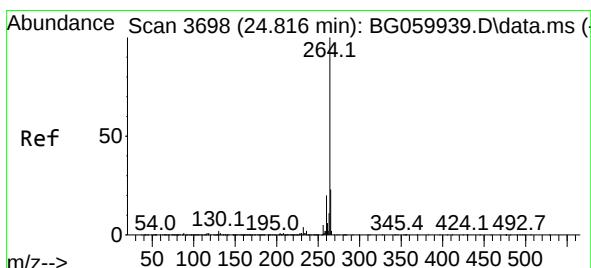
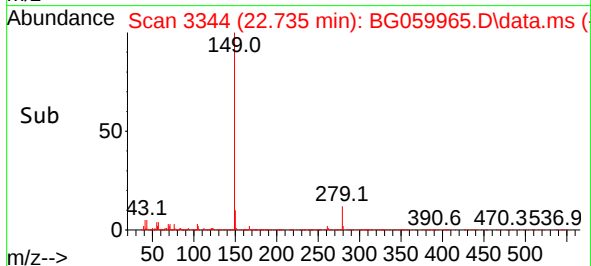
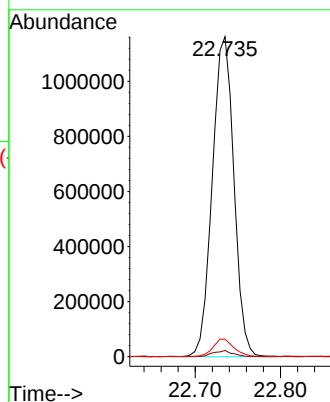
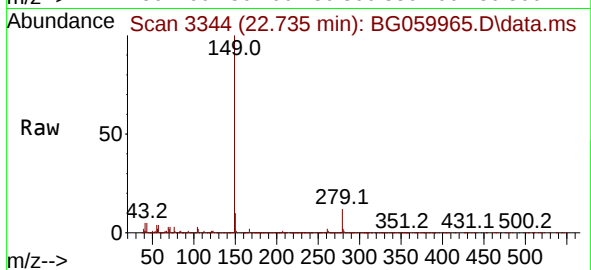
Tgt Ion:149 Resp: 2039147

Ion Ratio Lower Upper

149 100

167 1.8 1.7 2.5

43 5.4 3.6 5.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3698

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

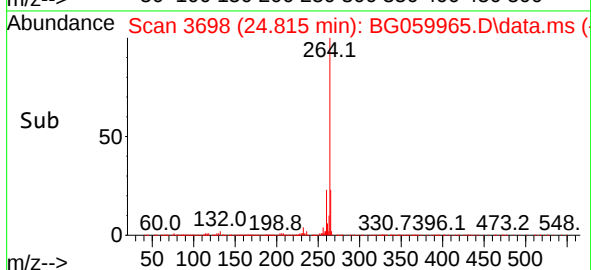
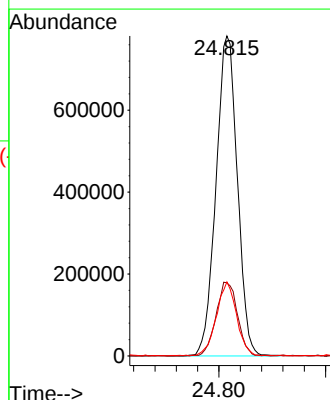
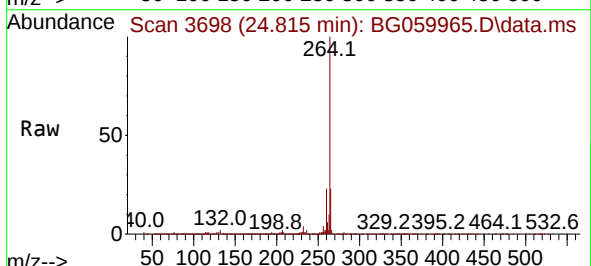
Tgt Ion:264 Resp: 2169235

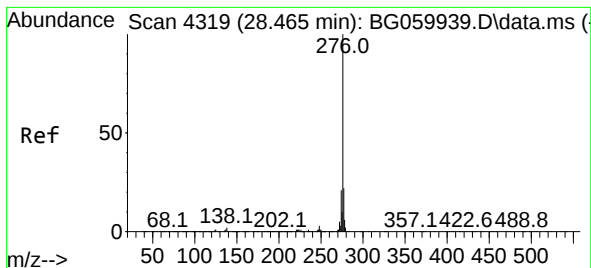
Ion Ratio Lower Upper

264 100

260 22.9 15.8 23.6

265 23.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.361 ng

RT: 28.464 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

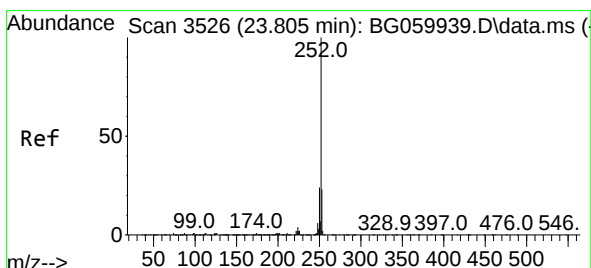
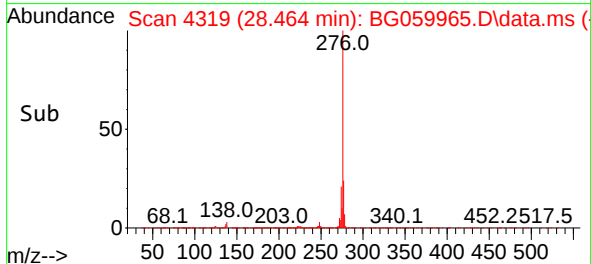
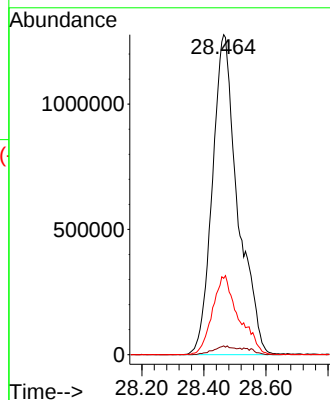
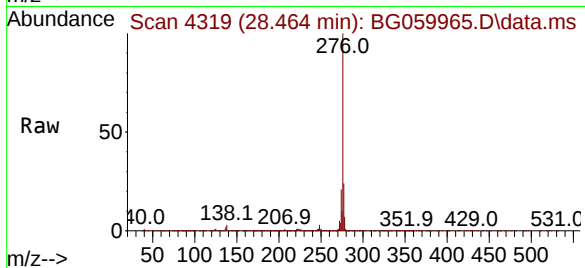
Tgt Ion:276 Resp: 7266004

Ion Ratio Lower Upper

276 100

138 2.3 0.0 0.0#

277 25.6 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 42.260 ng

RT: 23.875 min Scan# 3538

Delta R.T. 0.069 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

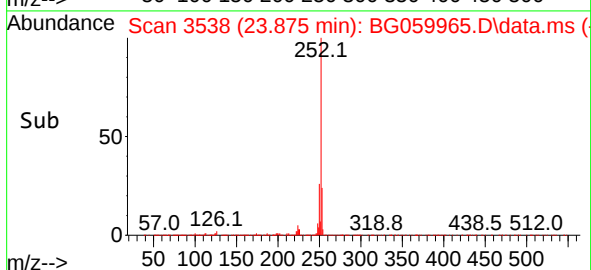
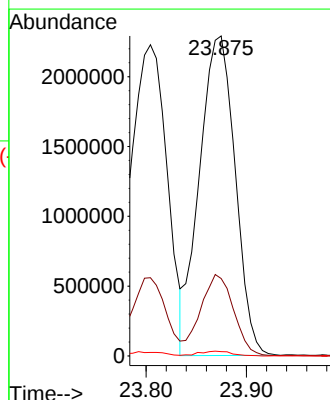
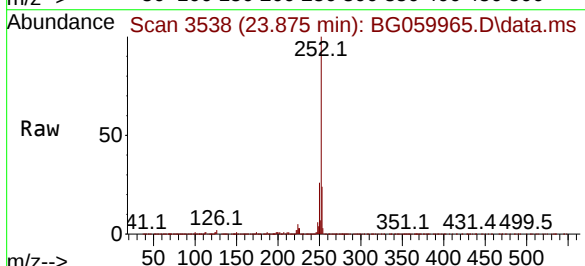
Tgt Ion:252 Resp: 5666313

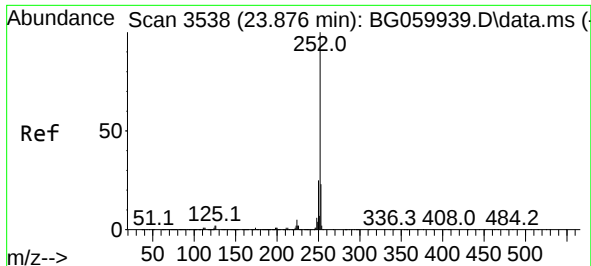
Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

125 1.3 1.2 1.8

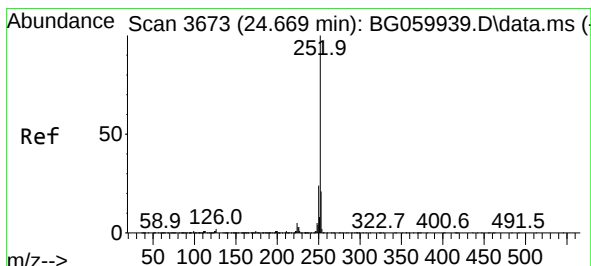
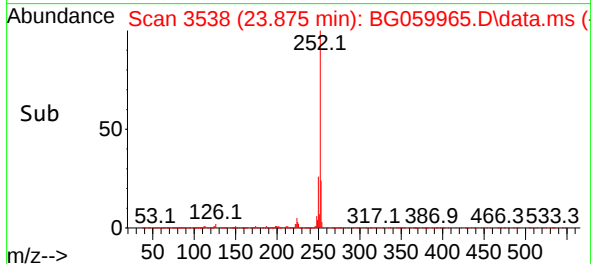
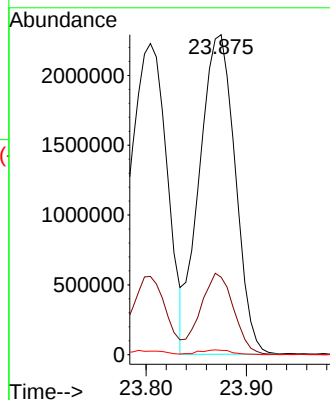
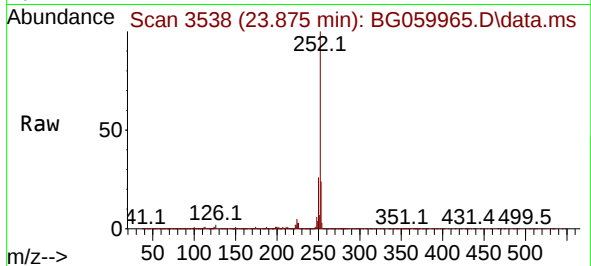




#89
Benzo(k)fluoranthene
Concen: 43.370 ng
RT: 23.875 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

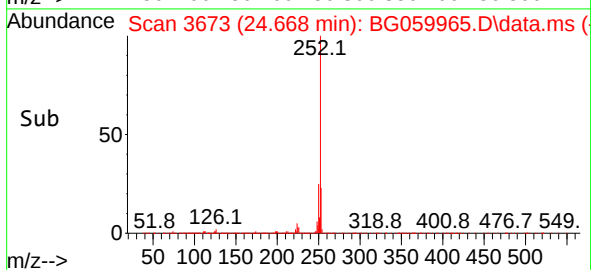
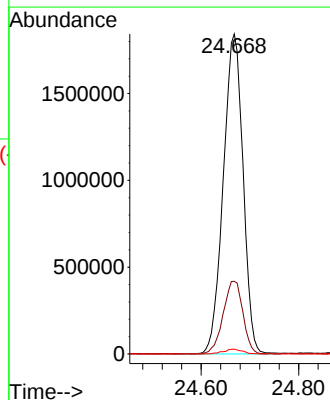
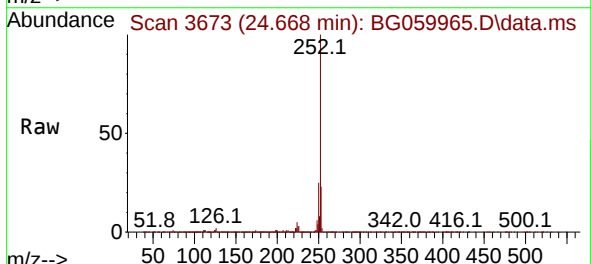
Instrument :
BNA_G
ClientSampleId :
PB157546BS

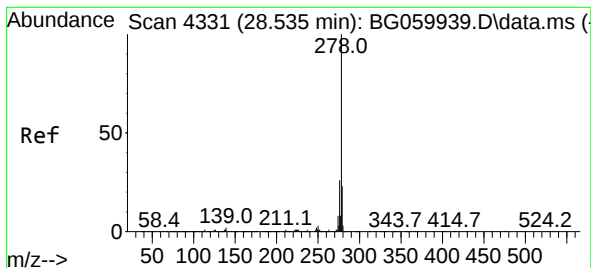
Tgt Ion:252 Resp: 5666313
Ion Ratio Lower Upper
252 100
253 24.2 18.3 27.5
125 1.3 1.3 1.9



#90
Benzo(a)pyrene
Concen: 43.377 ng
RT: 24.668 min Scan# 3673
Delta R.T. -0.001 min
Lab File: BG059965.D
Acq: 6 Dec 2023 11:51

Tgt Ion:252 Resp: 5194142
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 1.5 0.9 1.3#





#91

Dibenzo(a,h)anthracene

Concen: 46.029 ng

RT: 28.534 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB157546BS

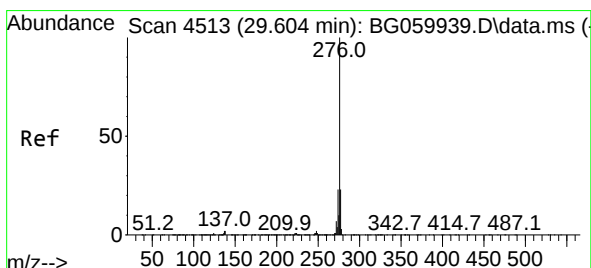
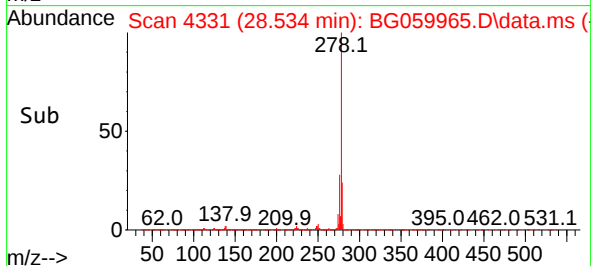
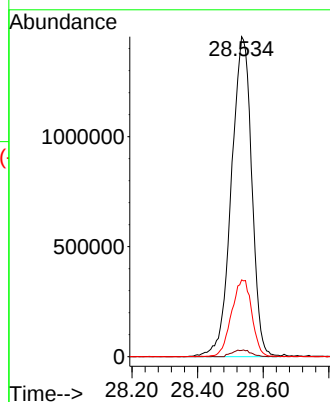
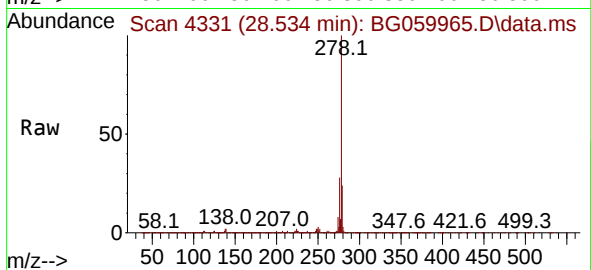
Tgt Ion:278 Resp: 6260061

Ion Ratio Lower Upper

278 100

139 1.9 1.7 2.5

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.239 ng

RT: 29.603 min Scan# 4513

Delta R.T. -0.001 min

Lab File: BG059965.D

Acq: 6 Dec 2023 11:51

Tgt Ion:276 Resp: 5818951

Ion Ratio Lower Upper

276 100

277 23.5 18.1 27.1

138 2.9 1.6 2.4#

