

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060935.D
 Acq On : 18 Apr 2024 13:58
 Operator : MA/JU
 Sample : P2150-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

Quant Time: Apr 18 14:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	57146	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	231797	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	188364	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	442196	20.000	ng	0.00
76) Chrysene-d12	21.578	240	421245	20.000	ng	0.00
86) Perylene-d12	24.698	264	501204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	346962	105.461	ng	0.00
7) Phenol-d6	7.112	99	511071	107.833	ng	0.00
23) Nitrobenzene-d5	9.092	82	331433	64.912	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	281672	90.516	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	818227	63.744	ng	0.00
79) Terphenyl-d14	19.939	244	1474143	61.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	52502	39.476	ng	97
3) Pyridine	3.834	79	138577	32.750	ng	94
4) n-Nitrosodimethylamine	3.752	42	107067	39.652	ng	98
6) Aniline	7.265	93	101093	17.507	ng	96
8) 2-Chlorophenol	7.506	128	176048	47.036	ng	97
9) Benzaldehyde	7.077	77	9656	3.794	ng	97
10) Phenol	7.136	94	232664	48.983	ng	97
11) bis(2-Chloroethyl)ether	7.365	93	157885	42.853	ng	100
12) 1,3-Dichlorobenzene	7.829	146	178021	44.765	ng	99
13) 1,4-Dichlorobenzene	7.976	146	182914	44.929	ng	99
14) 1,2-Dichlorobenzene	8.293	146	176278	44.527	ng	98
15) Benzyl Alcohol	8.176	79	173100	42.457	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	376720	42.309	ng	100
17) 2-Methylphenol	8.382	107	156818	41.784	ng	96
18) Hexachloroethane	9.022	117	64521	44.631	ng	94
19) n-Nitroso-di-n-propyla...	8.746	70	144648	40.068	ng	94
20) 3+4-Methylphenols	8.711	107	219872	42.229	ng	98
22) Acetophenone	8.758	105	275124	41.679	ng	# 99
24) Nitrobenzene	9.139	77	205047	40.919	ng	99
25) Isophorone	9.662	82	382625	40.608	ng	98
26) 2-Nitrophenol	9.845	139	95670	45.445	ng	98
27) 2,4-Dimethylphenol	9.909	122	134162	36.171	ng	99
28) bis(2-Chloroethoxy)met...	10.144	93	223638	42.210	ng	97
29) 2,4-Dichlorophenol	10.385	162	178439	44.341	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	186443	43.221	ng	98
31) Naphthalene	10.785	128	539294	43.019	ng	99
32) Benzoic acid	10.050	122	136035	45.309	ng	98
33) 4-Chloroaniline	10.890	127	48933	8.329	ng	94
34) Hexachlorobutadiene	11.078	225	134497	43.859	ng	94
35) Caprolactam	11.660	113	39128	26.353	ng	94
36) 4-Chloro-3-methylphenol	12.018	107	206189	42.392	ng	99
37) 2-Methylnaphthalene	12.395	142	386443	40.748	ng	98
38) 1-Methylnaphthalene	12.612	142	365816	40.859	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	257437	44.290	ng	98
41) Hexachlorocyclopentadiene	12.747	237	286590	96.425	ng	100
43) 2,4,6-Trichlorophenol	13.000	196	179000	44.285	ng	98

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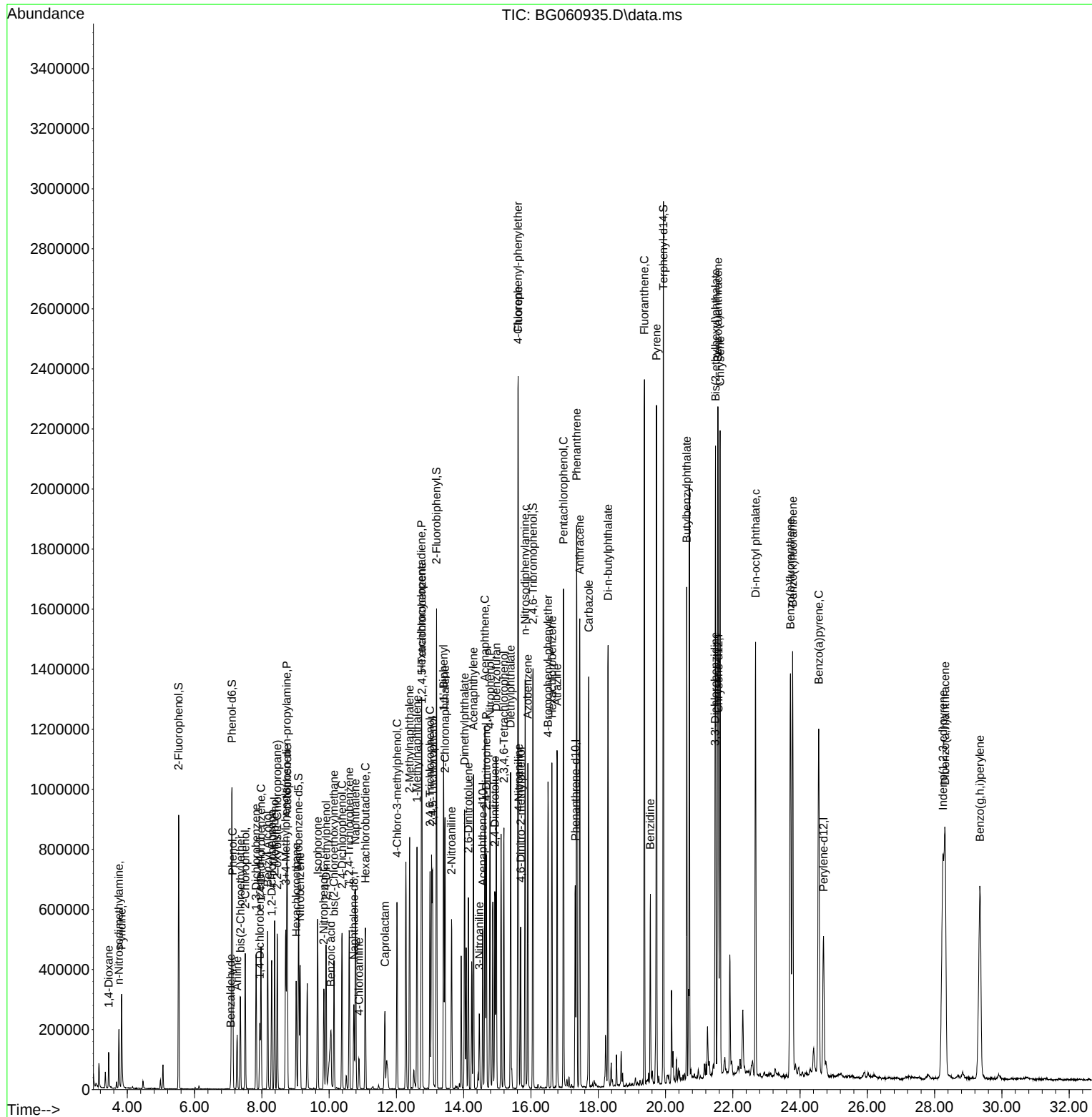
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	203353	41.718	ng	99
46) 1,1'-Biphenyl	13.405	154	566121	44.202	ng	99
47) 2-Chloronaphthalene	13.446	162	449652	45.871	ng	99
48) 2-Nitroaniline	13.640	65	169379	42.107	ng	97
49) Acenaphthylene	14.292	152	753558	45.461	ng	99
50) Dimethylphthalate	14.028	163	609752	40.793	ng	99
51) 2,6-Dinitrotoluene	14.140	165	127844	41.964	ng	98
52) Acenaphthene	14.633	154	439786	43.747	ng	98
53) 3-Nitroaniline	14.469	138	57763	17.272	ng #	95
54) 2,4-Dinitrophenol	14.674	184	166529	85.186	ng	92
55) Dibenzofuran	14.968	168	710526	41.840	ng	97
56) 4-Nitrophenol	14.786	139	225300	87.991	ng	97
57) 2,4-Dinitrotoluene	14.927	165	187184	42.997	ng	96
58) Fluorene	15.620	166	589389	41.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	189811	42.388	ng	98
60) Diethylphthalate	15.397	149	594568	39.713	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	311331	39.872	ng	99
62) 4-Nitroaniline	15.638	138	132310	36.796	ng	95
63) Azobenzene	15.908	77	574452	40.711	ng	99
65) 4,6-Dinitro-2-methylph...	15.697	198	116867	47.371	ng	99
66) n-Nitrosodiphenylamine	15.826	169	533953	43.987	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	214943	43.391	ng	99
68) Hexachlorobenzene	16.625	284	249241	46.240	ng	99
69) Atrazine	16.778	200	208132	47.708	ng	96
70) Pentachlorophenol	16.966	266	336072	92.064	ng	96
71) Phenanthrene	17.359	178	1194084	53.349	ng	98
72) Anthracene	17.453	178	1029733	44.788	ng	98
73) Carbazole	17.718	167	886869	44.274	ng	99
74) Di-n-butylphthalate	18.293	149	1042338	43.222	ng	99
75) Fluoranthene	19.375	202	1534116	53.849	ng	100
77) Benzidine	19.551	184	365211	39.306	ng	99
78) Pyrene	19.733	202	1525896	52.805	ng	98
80) Butylbenzylphthalate	20.632	149	455147	42.883	ng	99
81) Benzo(a)anthracene	21.560	228	1452623	48.834	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	235422	22.225	ng	100
83) Chrysene	21.625	228	1379334	48.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	682858	43.509	ng	98
85) Di-n-octyl phthalate	22.677	149	1188165	43.876	ng	99
87) Indeno(1,2,3-cd)pyrene	28.247	276	1686886	48.671	ng #	96
88) Benzo(b)fluoranthene	23.717	252	1446487	51.009	ng	98
89) Benzo(k)fluoranthene	23.781	252	1363947	47.016	ng	99
90) Benzo(a)pyrene	24.557	252	1323952	47.354	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	1299729	45.558	ng	98
92) Benzo(g,h,i)perylene	29.345	276	1301591	46.666	ng	97

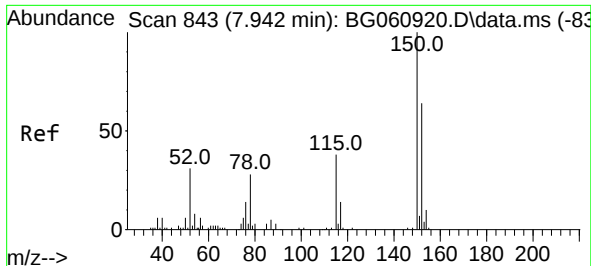
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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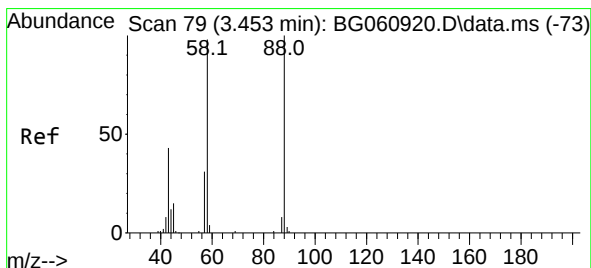
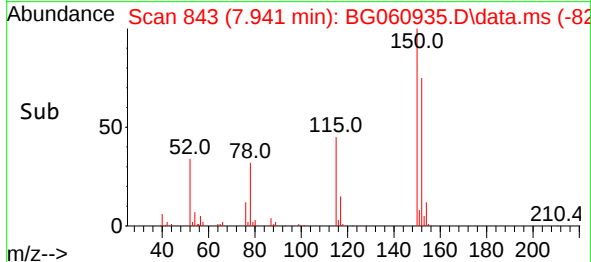
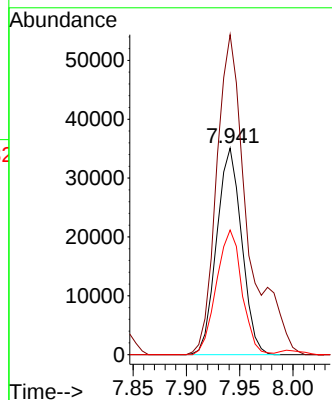
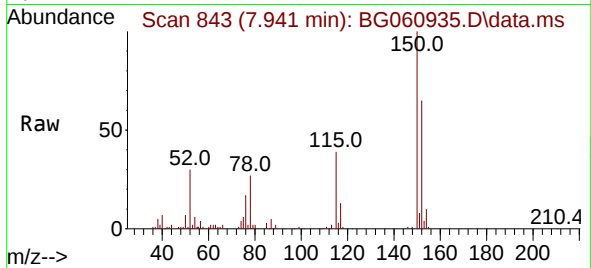




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

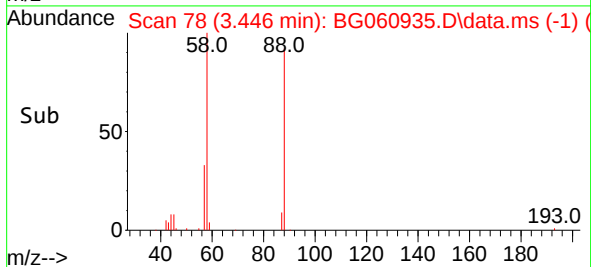
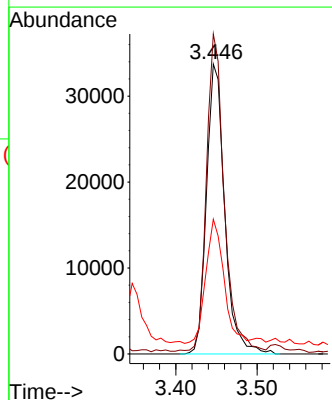
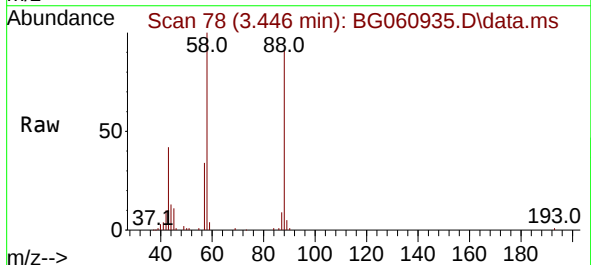
Instrument :
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 ClientSampleId :
 ARCOLA-SP-1MS

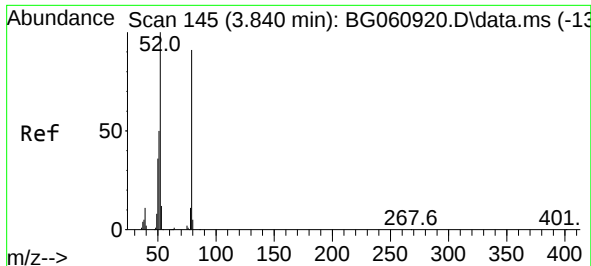
Tgt Ion:152 Resp: 57146
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.6 188.4
 115 60.4 47.1 70.7



#2
 1,4-Dioxane
 Concen: 39.476 ng
 RT: 3.446 min Scan# 78
 Delta R.T. -0.007 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

Tgt Ion: 88 Resp: 52502
 Ion Ratio Lower Upper
 88 100
 58 106.0 82.1 123.1
 43 42.6 35.2 52.8





#3

Pyridine

Concen: 32.750 ng

RT: 3.834 min Scan# 14

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

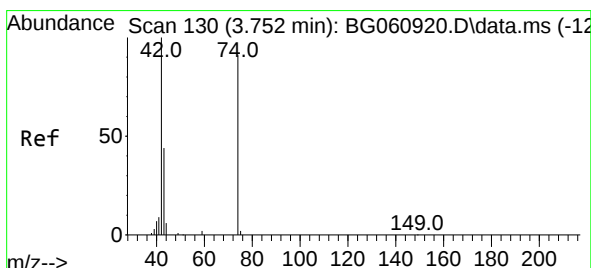
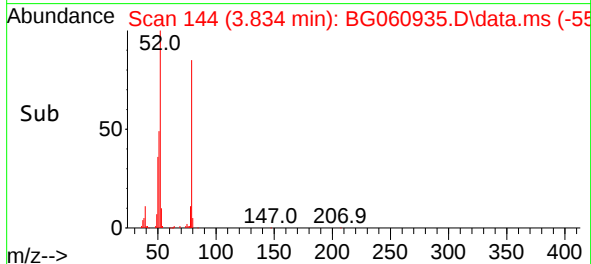
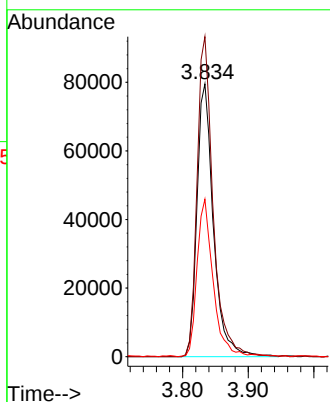
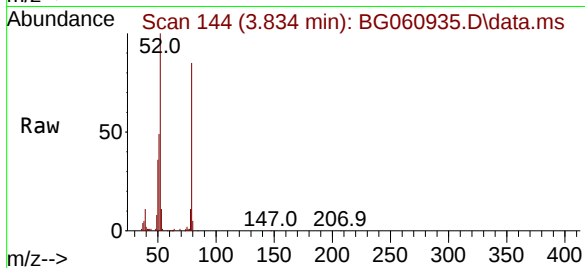
Tgt Ion: 79 Resp: 138577

Ion Ratio Lower Upper

79 100

52 117.3 87.8 131.8

51 57.7 44.1 66.1



#4

n-Nitrosodimethylamine

Concen: 39.652 ng

RT: 3.752 min Scan# 130

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

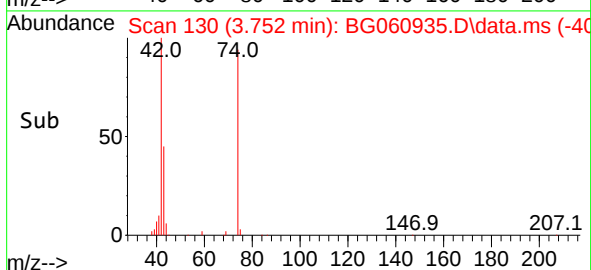
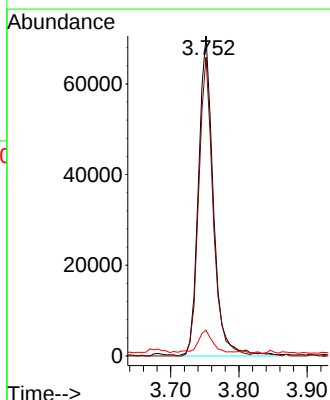
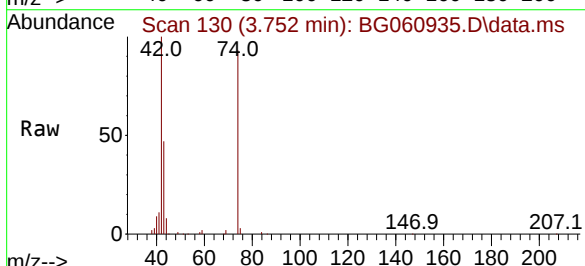
Tgt Ion: 42 Resp: 107067

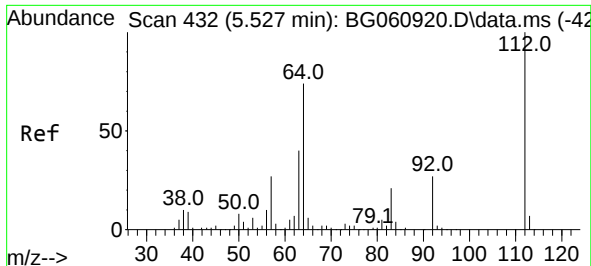
Ion Ratio Lower Upper

42 100

74 93.3 73.2 109.8

44 8.1 5.6 8.4

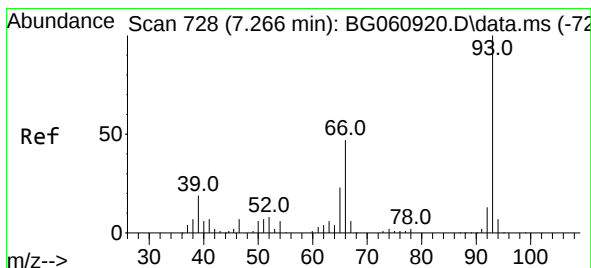
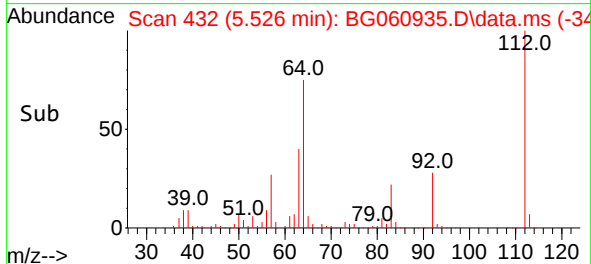
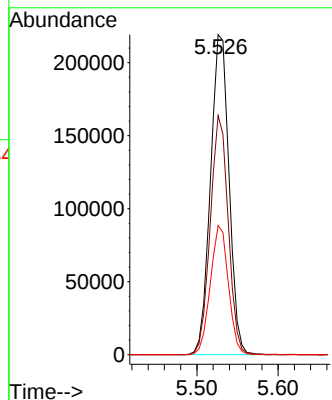
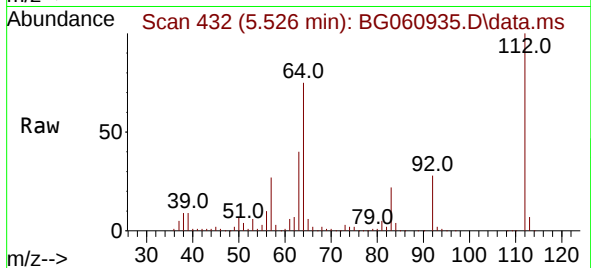




#5
2-Fluorophenol
Concen: 105.461 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060935.D
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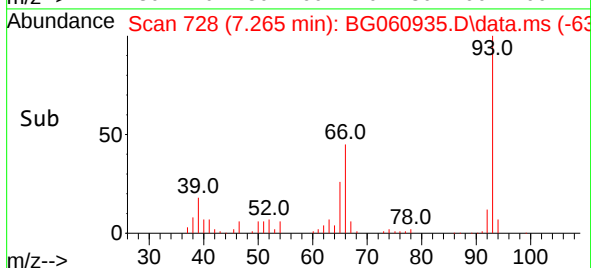
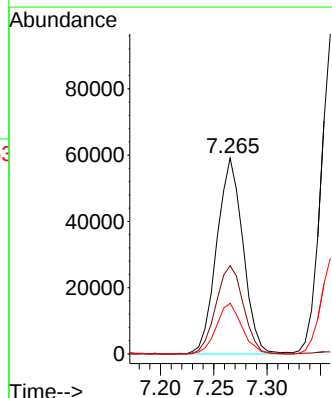
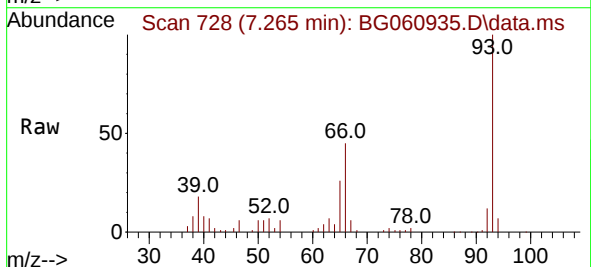
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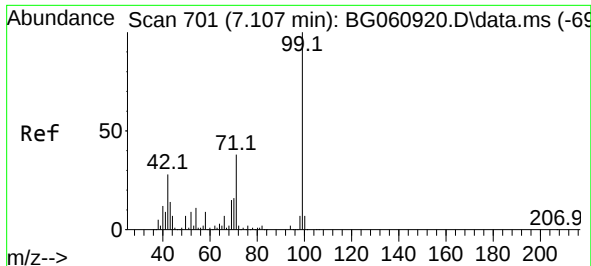
Tgt Ion:112 Resp: 346962
Ion Ratio Lower Upper
112 100
64 74.7 58.9 88.3
63 40.4 32.1 48.1



#6
Aniline
Concen: 17.507 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion: 93 Resp: 101093
Ion Ratio Lower Upper
93 100
66 45.1 37.8 56.8
65 25.9 18.7 28.1

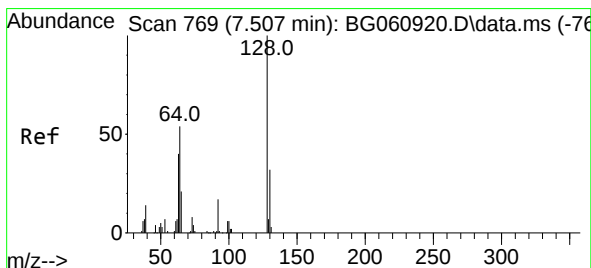
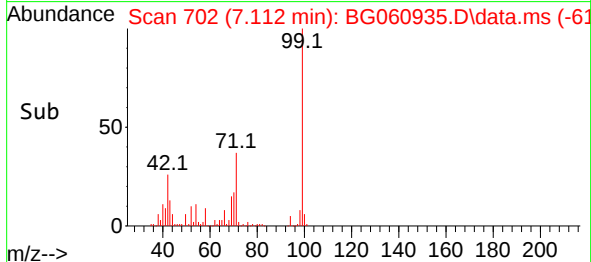
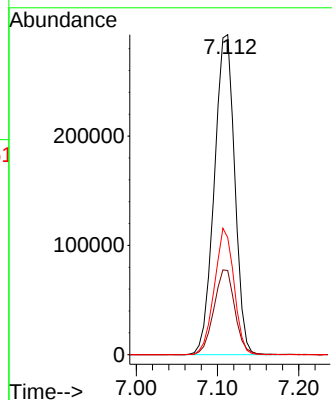
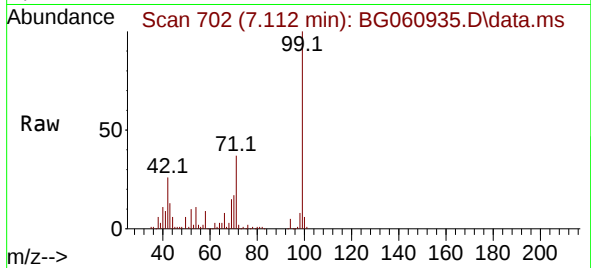




#7
Phenol-d6
Concen: 107.833 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

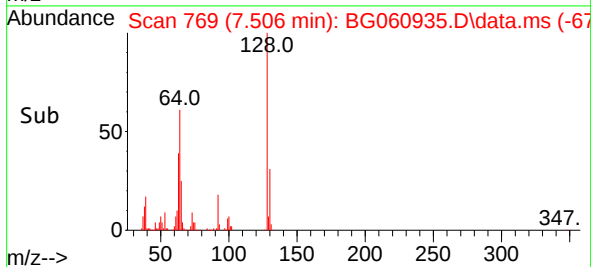
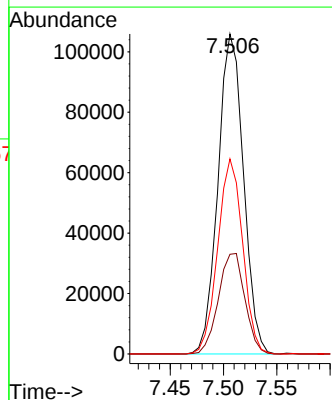
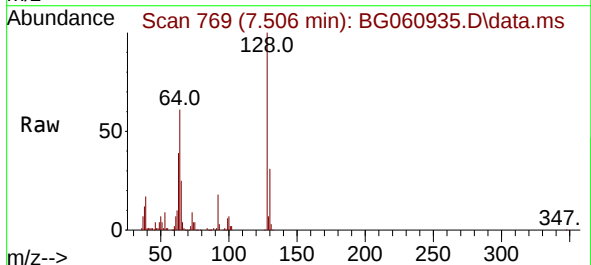
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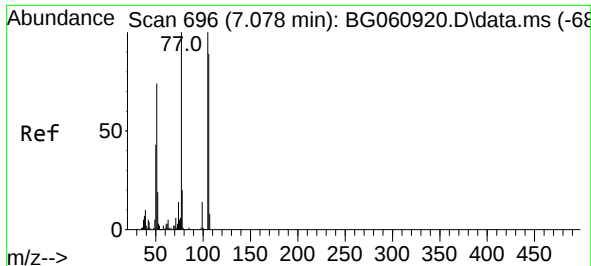
Tgt Ion: 99 Resp: 511071
Ion Ratio Lower Upper
99 100
42 26.3 22.2 33.2
71 36.6 30.5 45.7



#8
2-Chlorophenol
Concen: 47.036 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion: 128 Resp: 176048
Ion Ratio Lower Upper
128 100
130 31.1 11.7 51.7
64 60.9 37.8 77.8

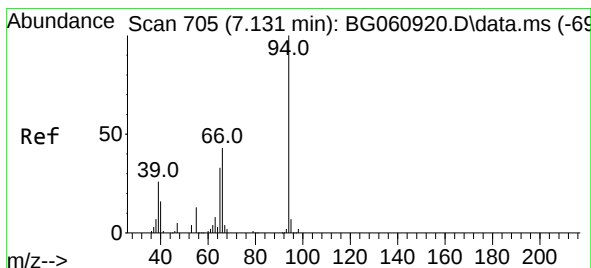
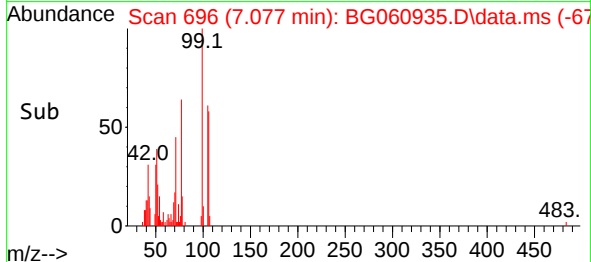
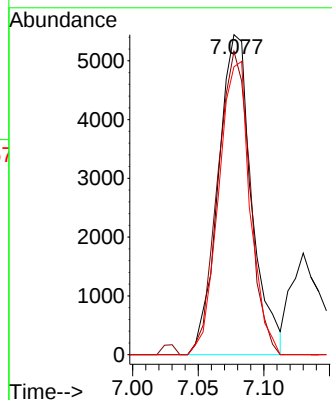
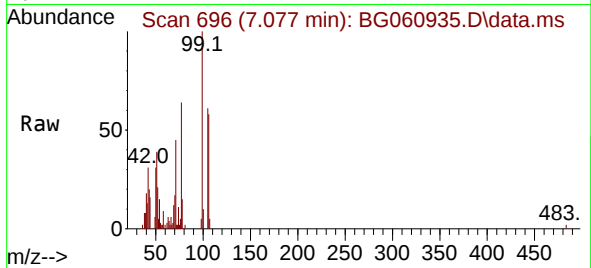




#9
Benzaldehyde
Concen: 3.794 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
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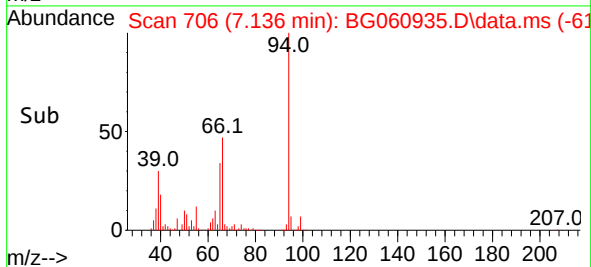
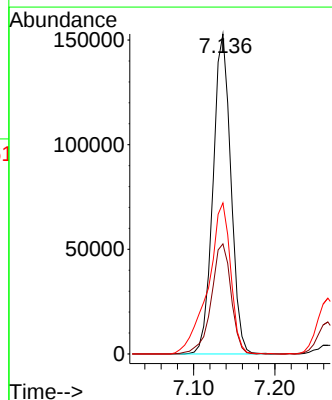
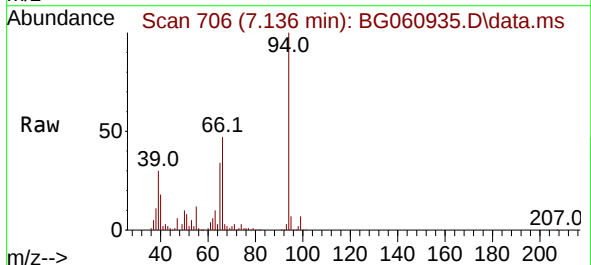
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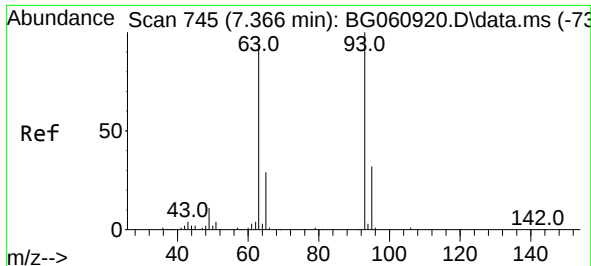
Tgt Ion: 77 Resp: 9656
Ion Ratio Lower Upper
77 100
105 94.8 79.9 119.9
106 90.0 69.3 109.3



#10
Phenol
Concen: 48.983 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion: 94 Resp: 232664
Ion Ratio Lower Upper
94 100
65 34.4 13.6 53.6
66 47.2 24.3 64.3

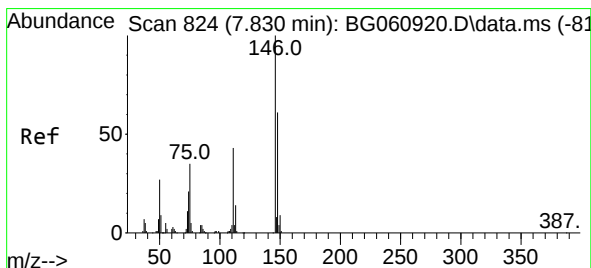
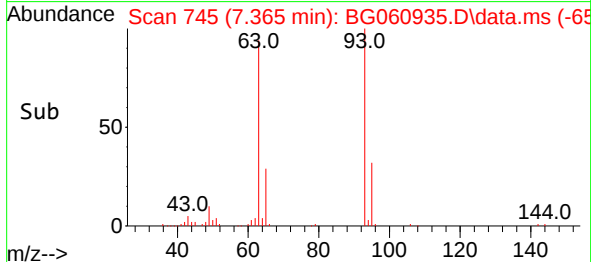
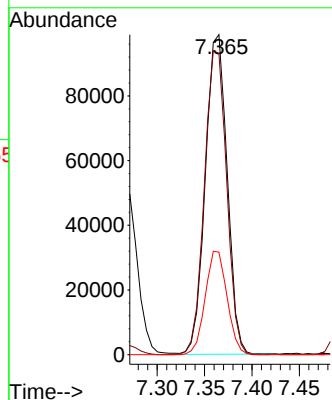
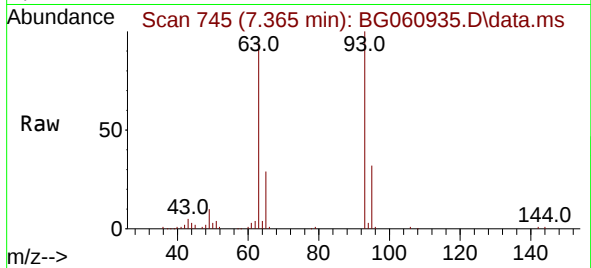




#11
bis(2-Chloroethyl)ether
Concen: 42.853 ng
RT: 7.365 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

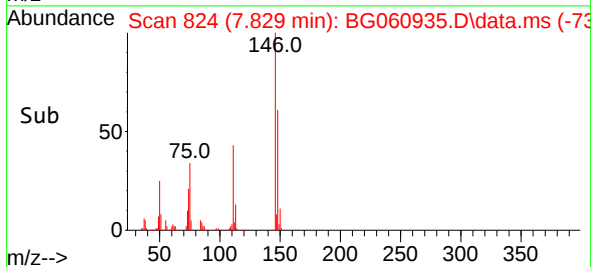
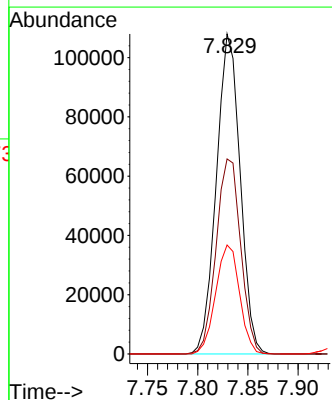
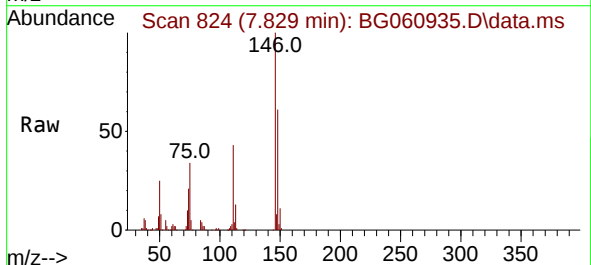
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

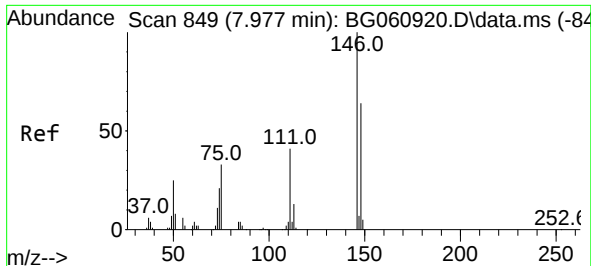
Tgt Ion: 93 Resp: 157885
Ion Ratio Lower Upper
93 100
63 94.1 74.0 114.0
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.765 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:146 Resp: 178021
Ion Ratio Lower Upper
146 100
148 61.0 49.0 73.6
75 34.0 27.8 41.6

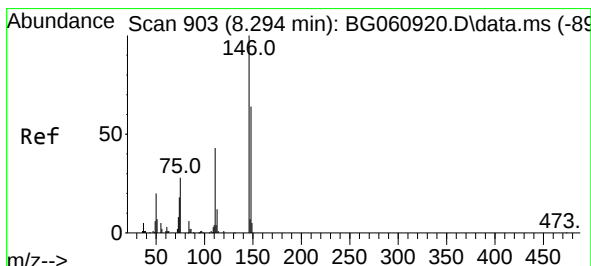
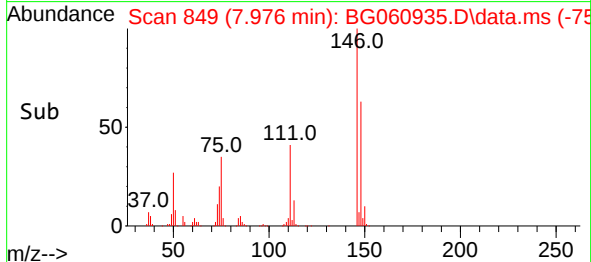
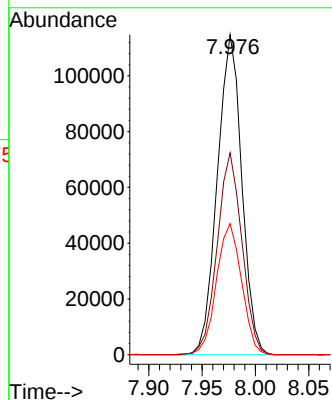
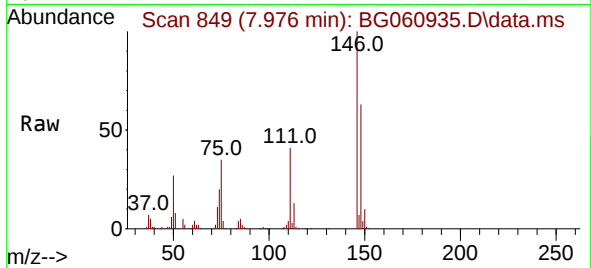




#13
1,4-Dichlorobenzene
Concen: 44.929 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

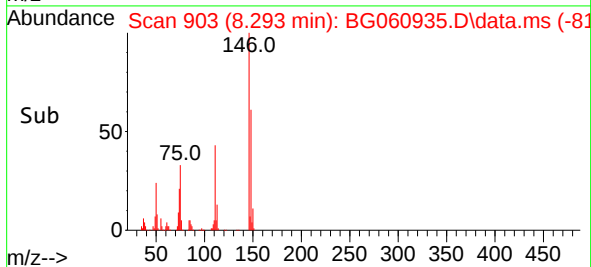
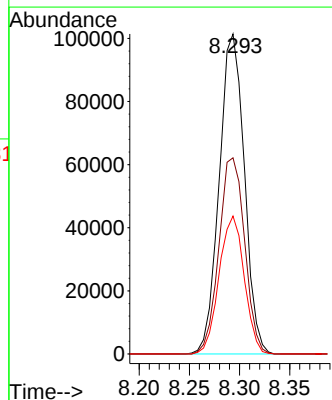
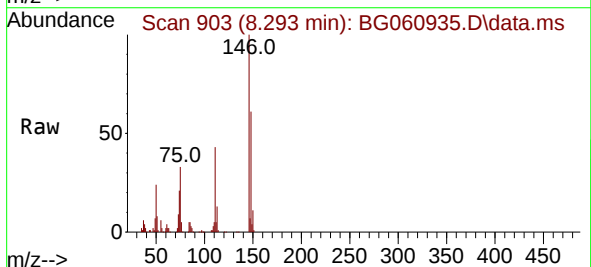
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

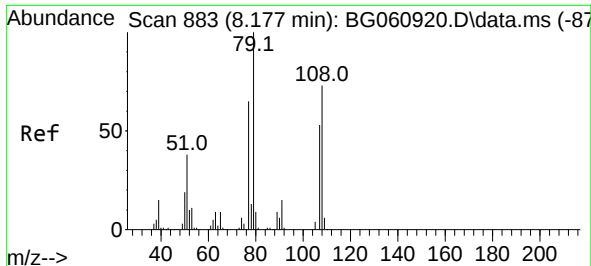
Tgt Ion:146 Resp: 182914
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 40.9 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 44.527 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:146 Resp: 176278
Ion Ratio Lower Upper
146 100
148 61.3 51.0 76.4
111 43.1 35.2 52.8

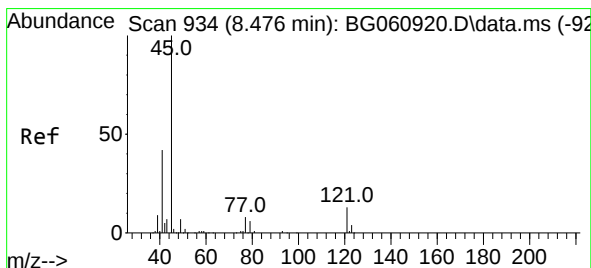
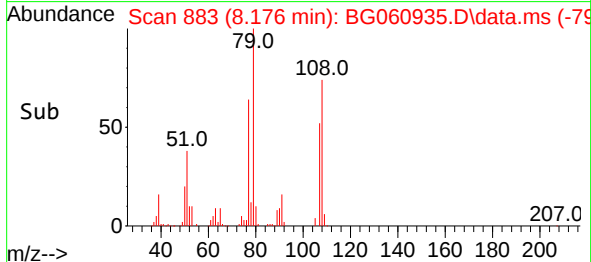
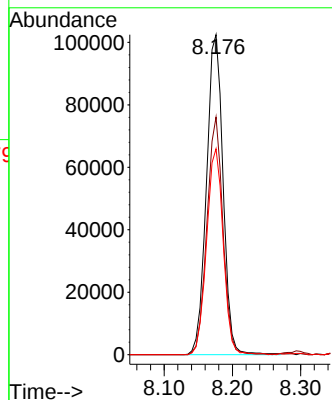
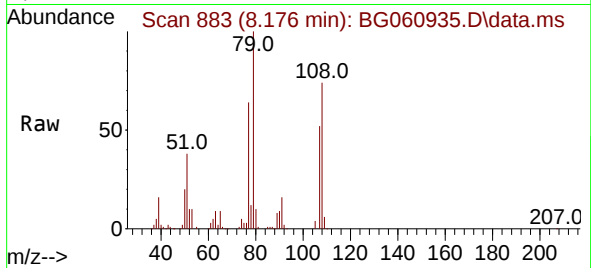




#15
Benzyl Alcohol
Concen: 42.457 ng
RT: 8.176 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

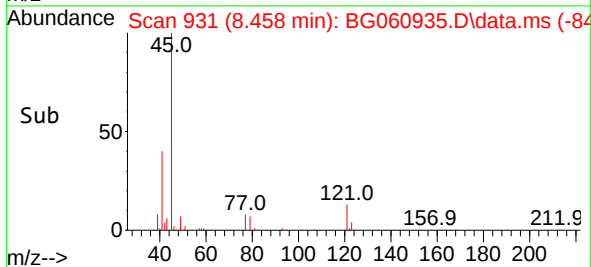
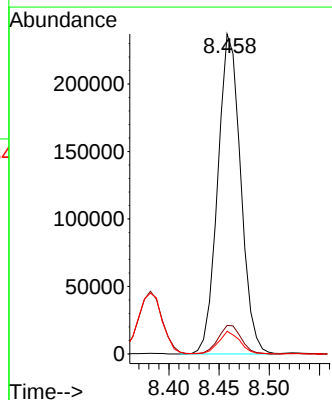
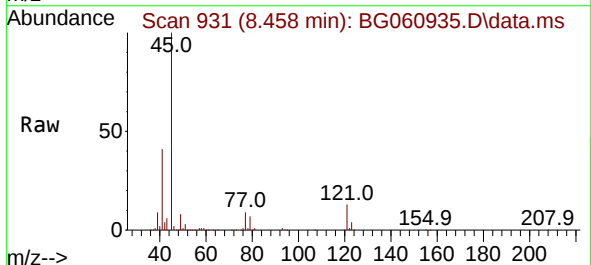
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

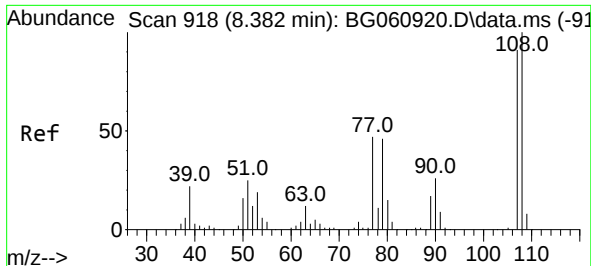
Tgt Ion: 79 Resp: 173100
Ion Ratio Lower Upper
79 100
108 74.2 58.6 87.8
77 64.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.309 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.018 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion: 45 Resp: 376720
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 7.1 0.0 27.2



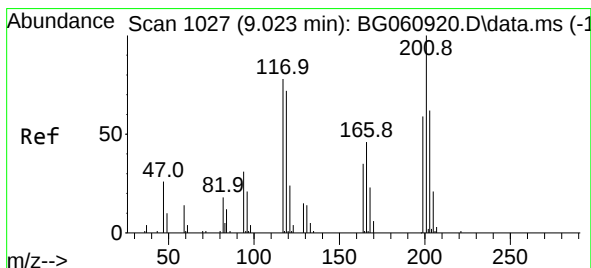
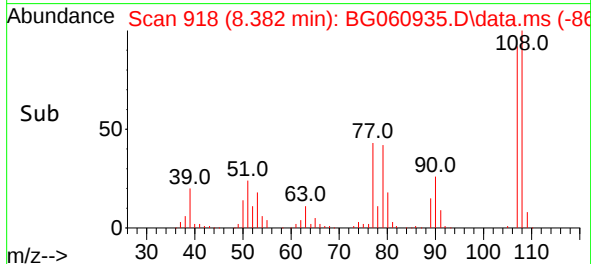
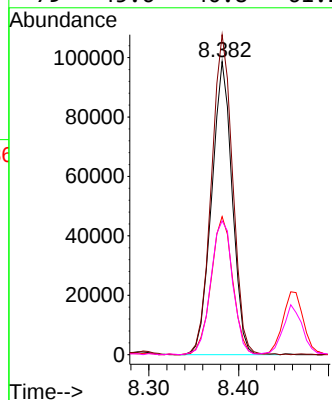
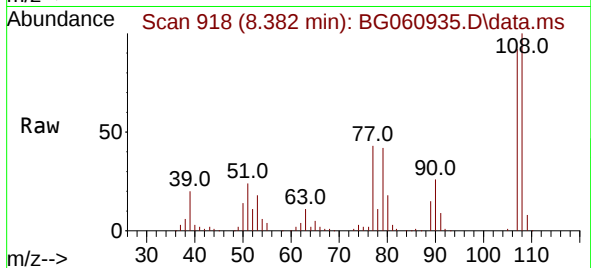


#17
2-Methylphenol
Concen: 41.784 ng
RT: 8.382 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

Tgt Ion:107 Resp: 156818

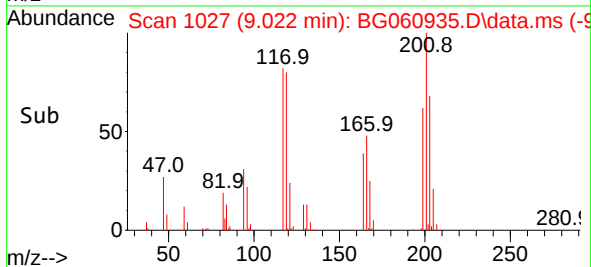
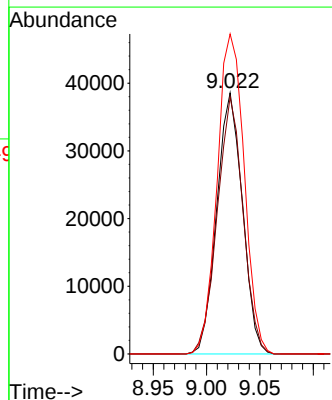
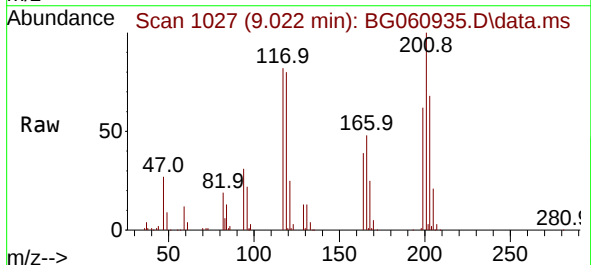
Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.3	132.5
77	47.1	41.4	62.0
79	45.6	40.8	61.2

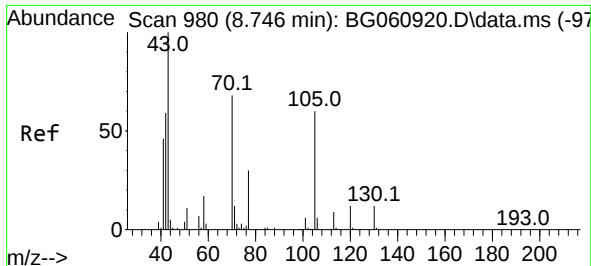


#18
Hexachloroethane
Concen: 44.631 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:117 Resp: 64521

Ion	Ratio	Lower	Upper
117	100		
119	99.4	73.8	110.6
201	122.6	102.9	154.3

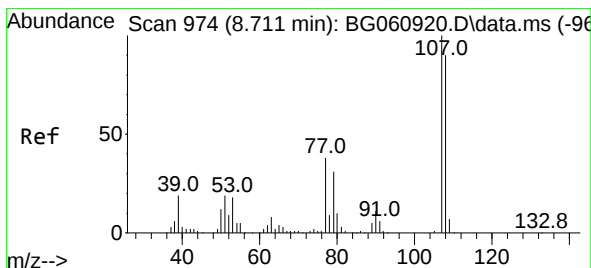
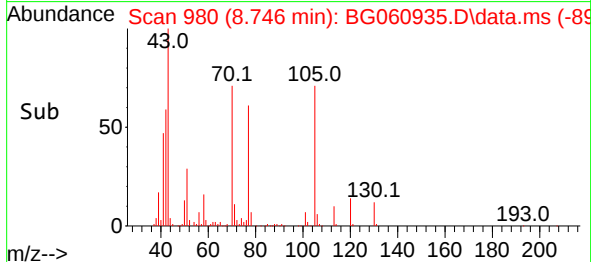
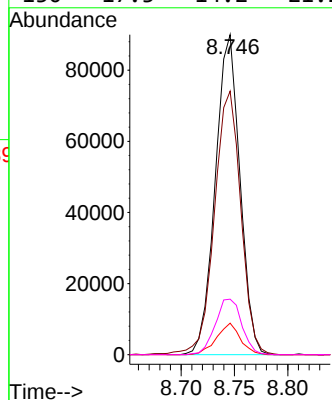
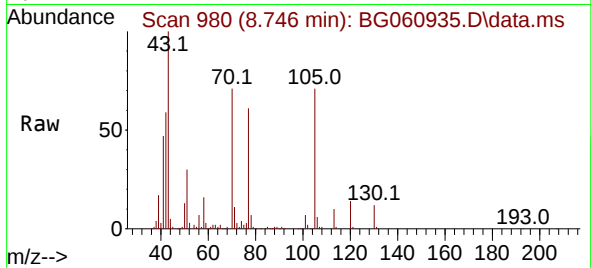




#19
n-Nitroso-di-n-propylamine
Concen: 40.068 ng
RT: 8.746 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

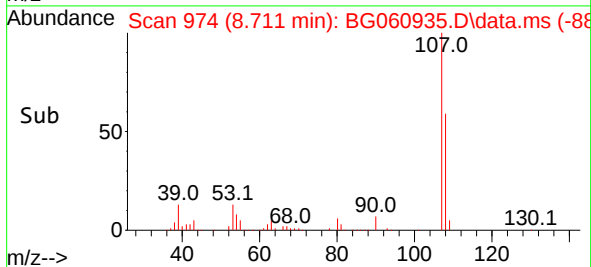
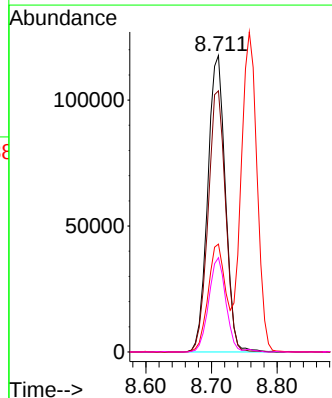
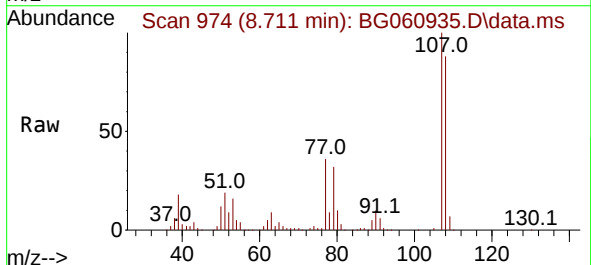
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

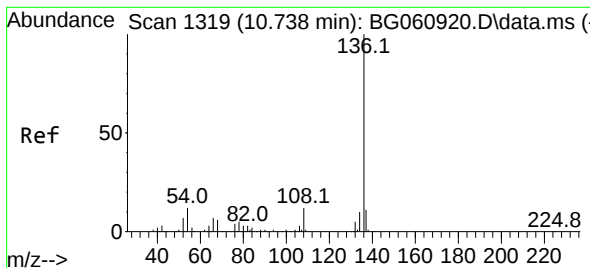
Tgt Ion: 70 Resp: 144648
Ion Ratio Lower Upper
70 100
42 82.4 70.9 106.3
101 9.8 7.0 10.4
130 17.3 14.2 21.2



#20
3+4-Methylphenols
Concen: 42.229 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion: 107 Resp: 219872
Ion Ratio Lower Upper
107 100
108 88.1 69.9 109.9
77 36.4 17.5 57.5
79 31.8 11.0 51.0

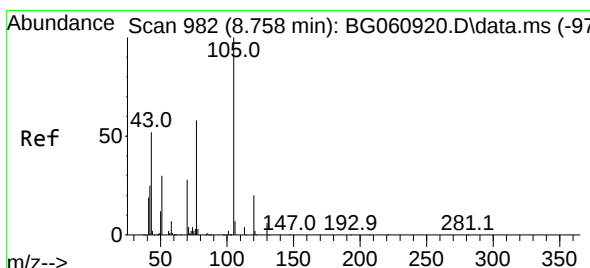
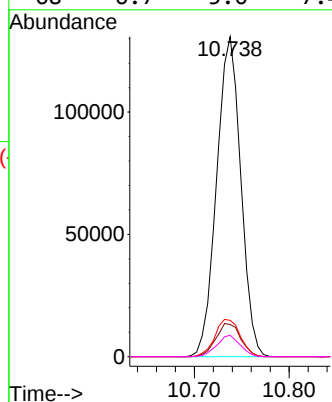
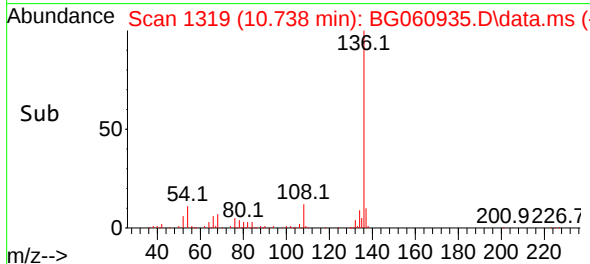
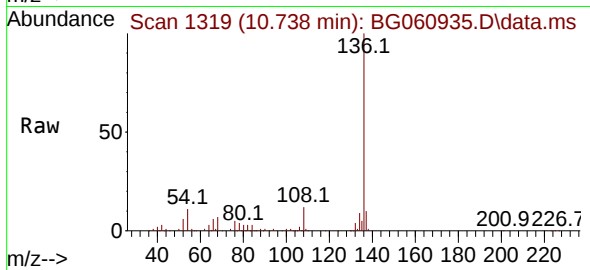




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

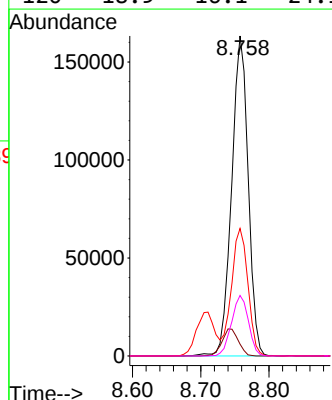
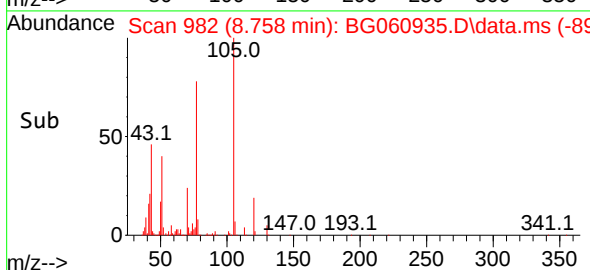
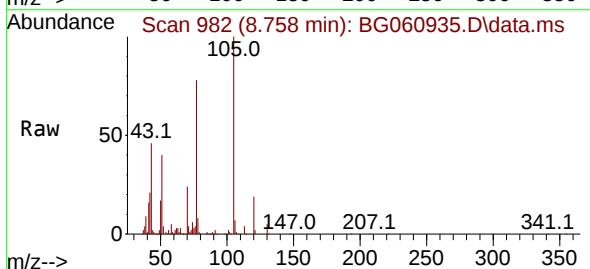
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

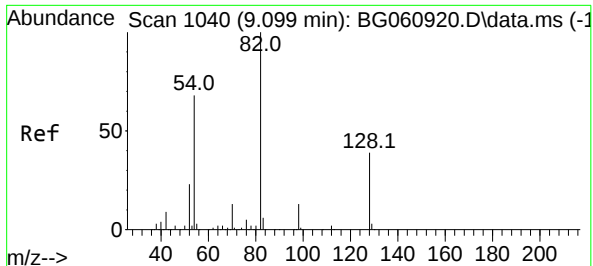
Tgt Ion:	136	Resp:	231797
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.8	13.2
54	11.4	9.8	14.8
68	6.7	5.0	7.4



#22
Acetophenone
Concen: 41.679 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:	105	Resp:	275124
Ion Ratio	Lower	Upper	
105	100		
71	3.7	3.8	5.6
51	39.9	32.1	48.1
120	18.9	16.1	24.1





#23

Nitrobenzene-d5

Concen: 64.912 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

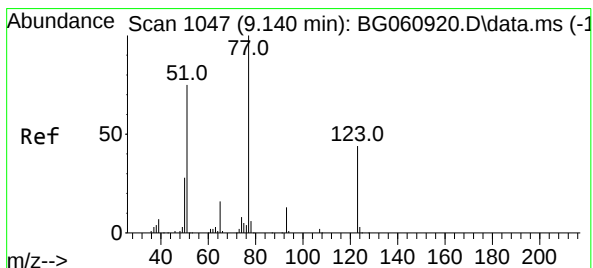
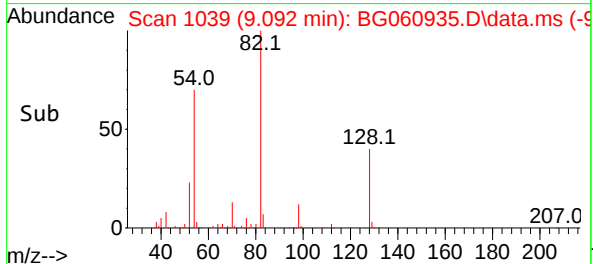
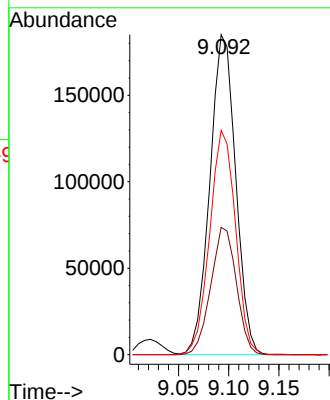
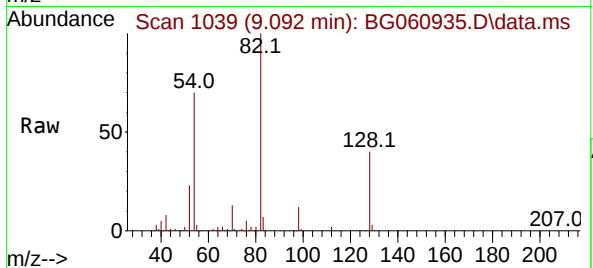
Tgt Ion: 82 Resp: 331433

Ion Ratio Lower Upper

82 100

128 39.8 31.4 47.0

54 70.1 54.2 81.4



#24

Nitrobenzene

Concen: 40.919 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

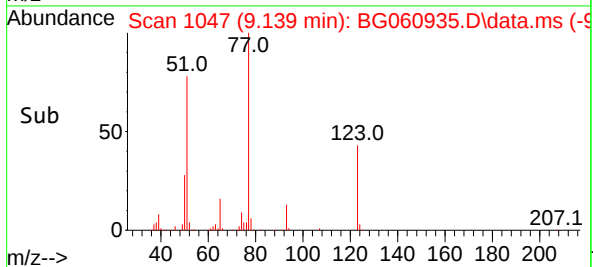
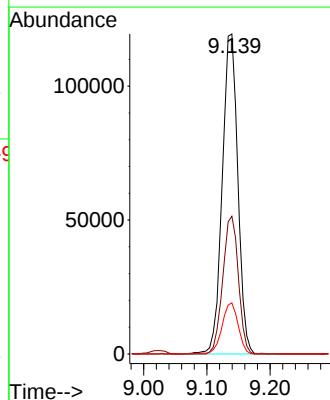
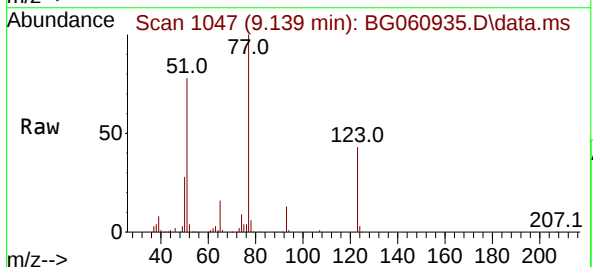
Tgt Ion: 77 Resp: 205047

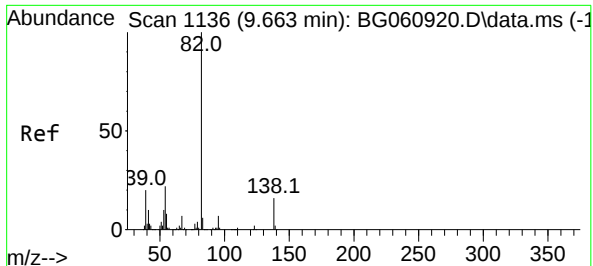
Ion Ratio Lower Upper

77 100

123 43.0 34.8 52.2

65 15.9 12.6 19.0

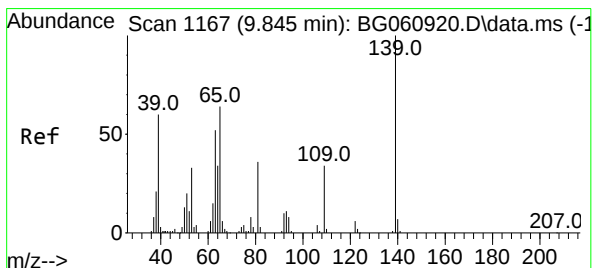
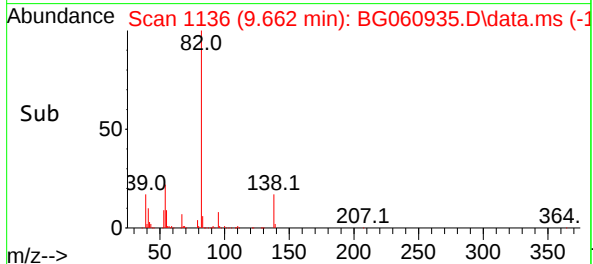
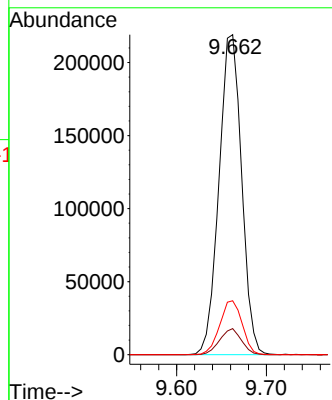
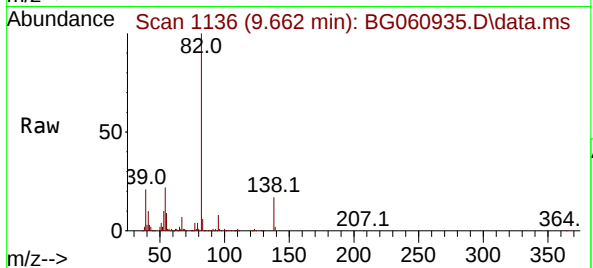




#25
Isophorone
Concen: 40.608 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

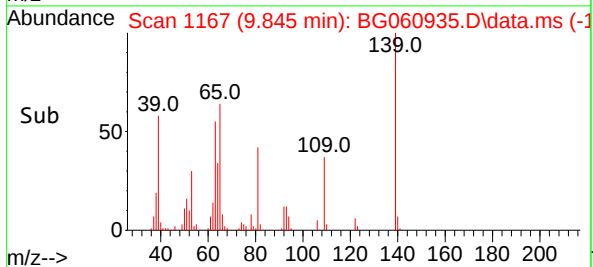
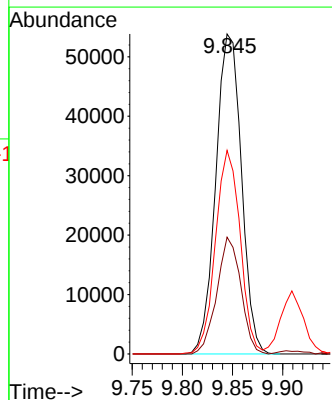
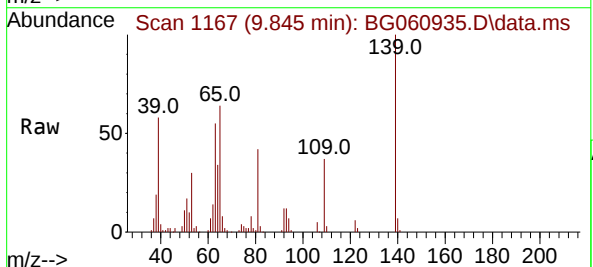
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

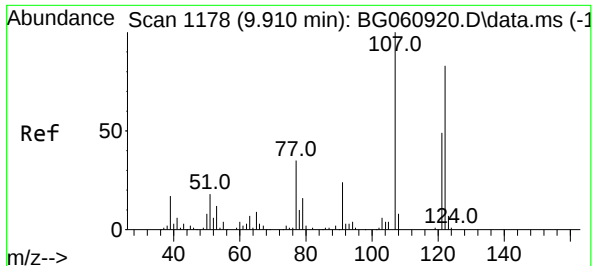
Tgt Ion: 82 Resp: 382625
Ion Ratio Lower Upper
82 100
95 8.1 5.9 8.9
138 16.9 12.7 19.1



#26
2-Nitrophenol
Concen: 45.445 ng
RT: 9.845 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:139 Resp: 95670
Ion Ratio Lower Upper
139 100
109 36.5 26.9 40.3
65 63.6 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 36.171 ng

RT: 9.909 min Scan# 1178

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

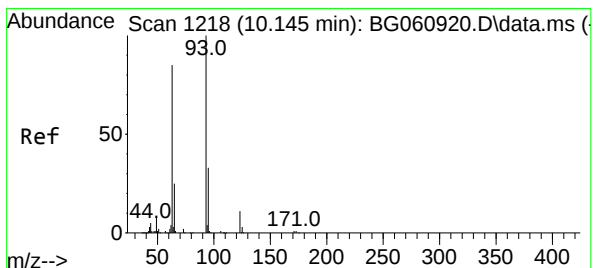
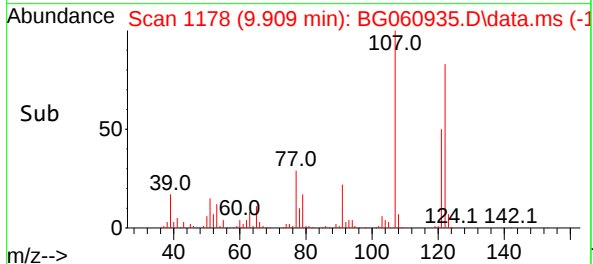
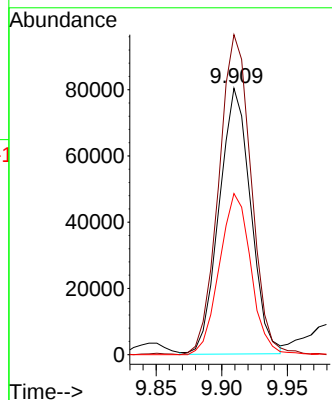
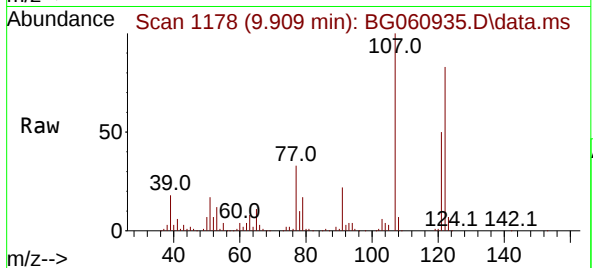
Tgt Ion:122 Resp: 134162

Ion Ratio Lower Upper

122 100

107 120.1 96.6 144.8

121 60.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.210 ng

RT: 10.144 min Scan# 1218

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

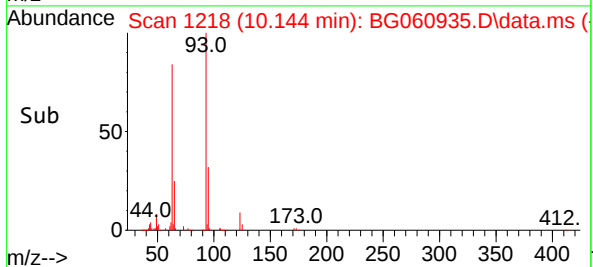
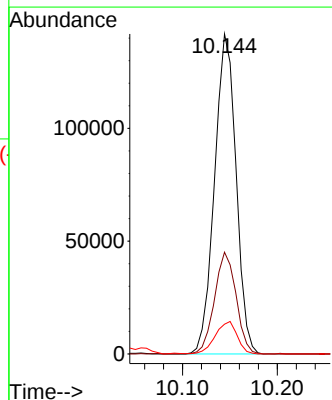
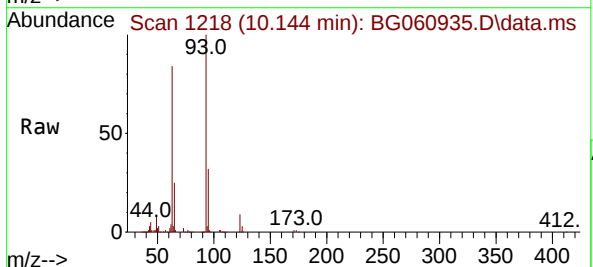
Tgt Ion: 93 Resp: 223638

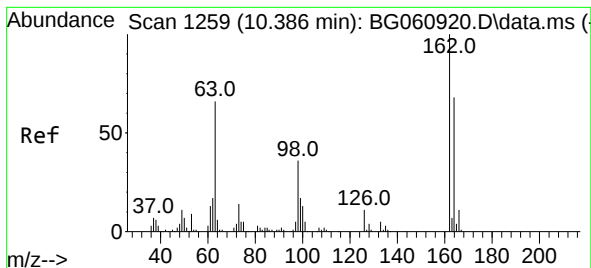
Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.4

123 9.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.341 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

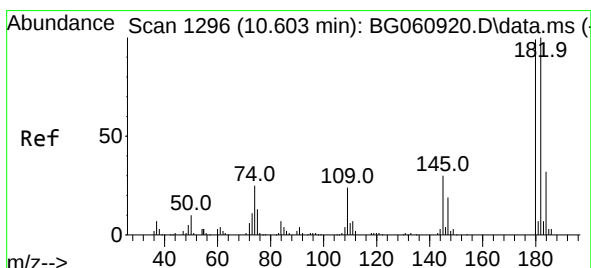
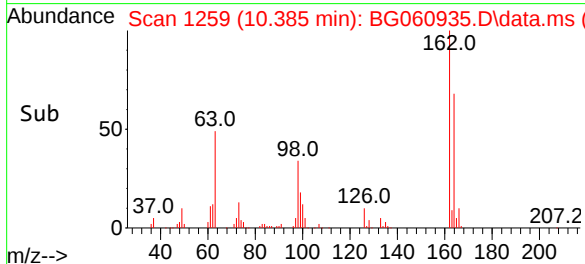
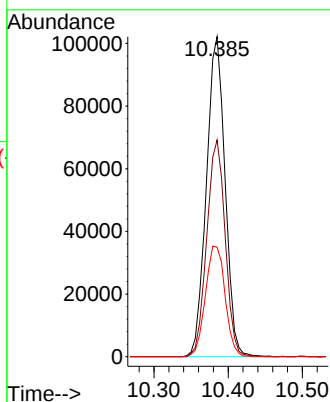
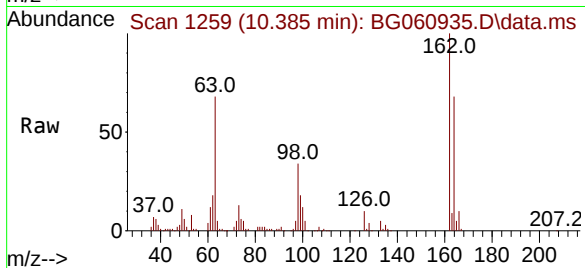
Tgt Ion:162 Resp: 178439

Ion Ratio Lower Upper

162 100

164 67.7 48.1 88.1

98 34.2 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 43.221 ng

RT: 10.597 min Scan# 1295

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

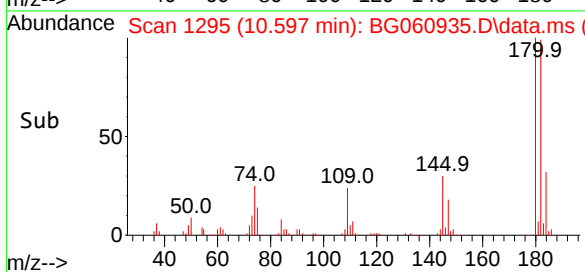
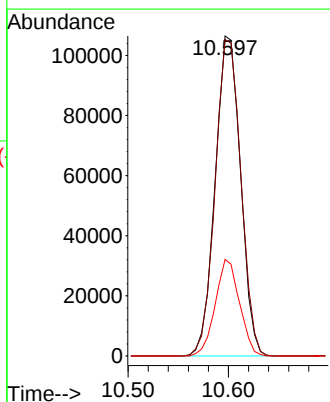
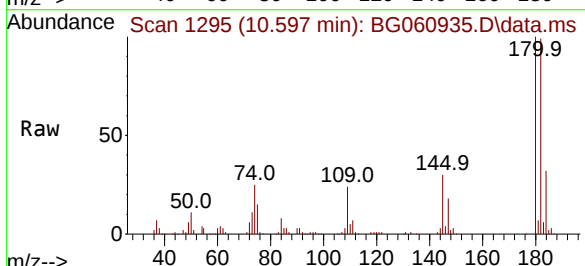
Tgt Ion:180 Resp: 186443

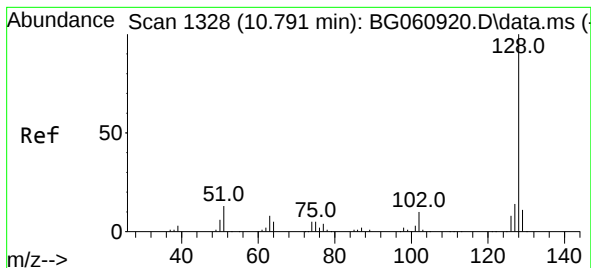
Ion Ratio Lower Upper

180 100

182 98.9 81.0 121.4

145 30.1 24.1 36.1

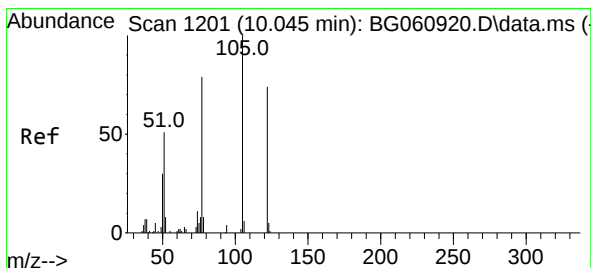
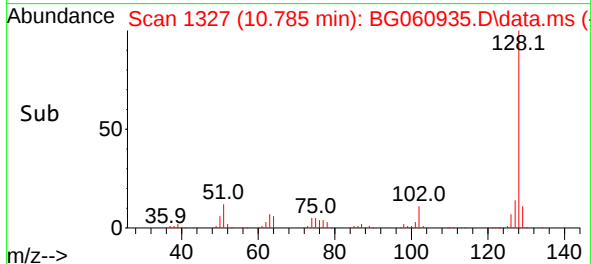
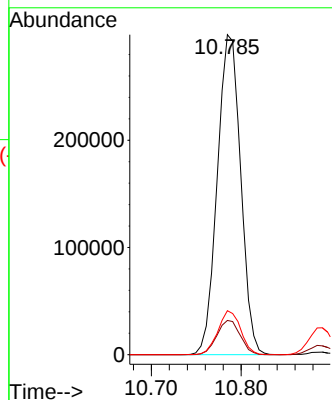
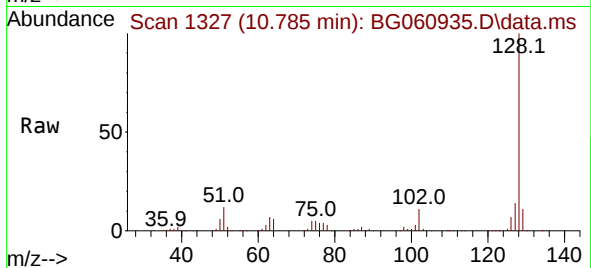




#31
Naphthalene
Concen: 43.019 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

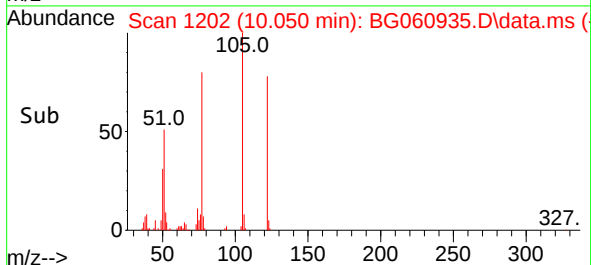
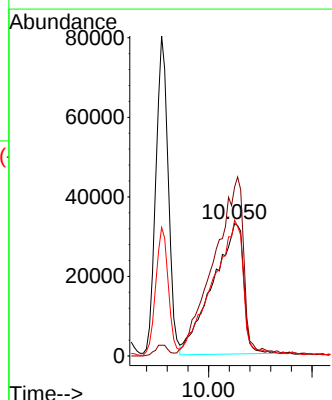
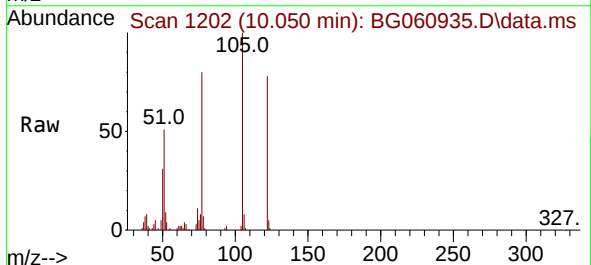
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

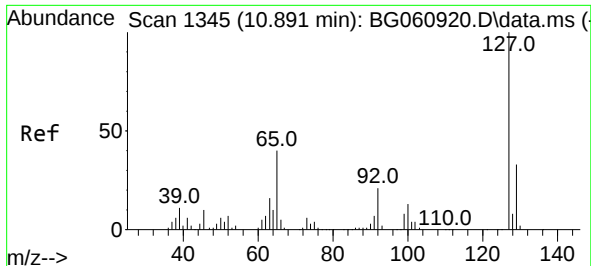
Tgt Ion:128 Resp: 539294
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.7 11.3 16.9



#32
Benzoic acid
Concen: 45.309 ng
RT: 10.050 min Scan# 1202
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:122 Resp: 136035
Ion Ratio Lower Upper
122 100
105 127.6 109.8 149.8
77 102.6 84.1 124.1

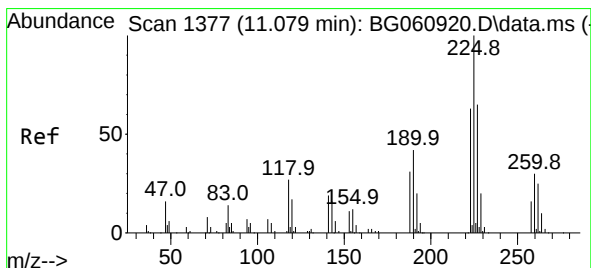
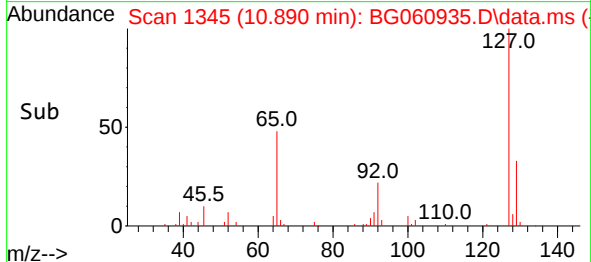
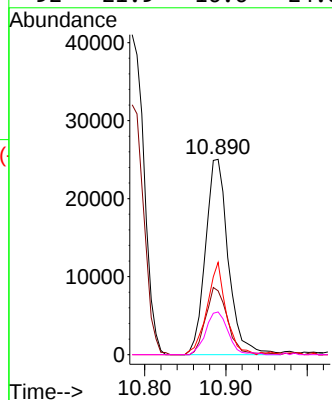
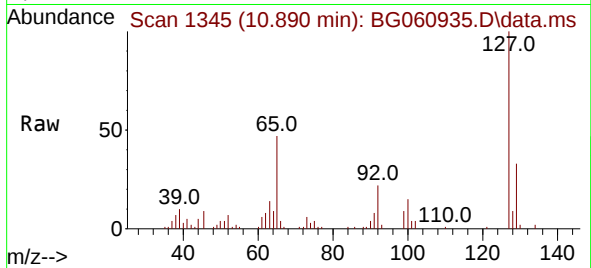




#33
4-Chloroaniline
Concen: 8.329 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

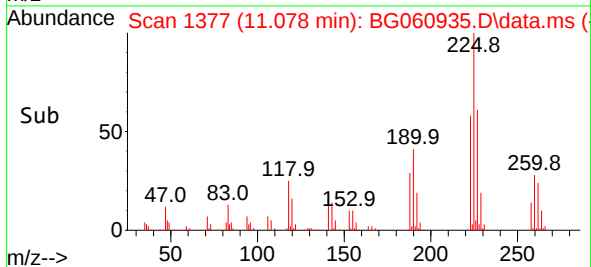
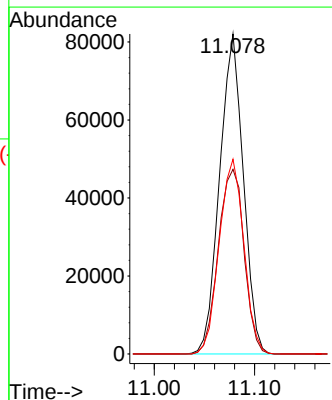
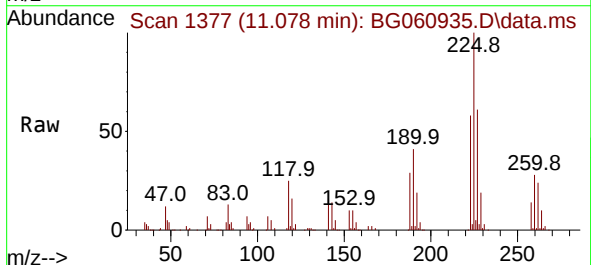
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

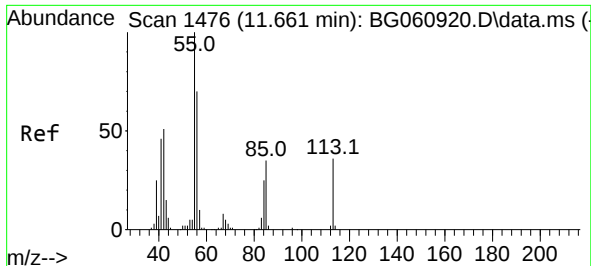
Tgt Ion:127	Resp:	48933	
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	47.3	32.3	48.5
92	21.9	16.6	24.8



#34
Hexachlorobutadiene
Concen: 43.859 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt	Ion:225	Resp:	134497
Ion	Ratio	Lower	Upper
225	100		
223	57.7	50.2	75.2
227	60.9	51.7	77.5

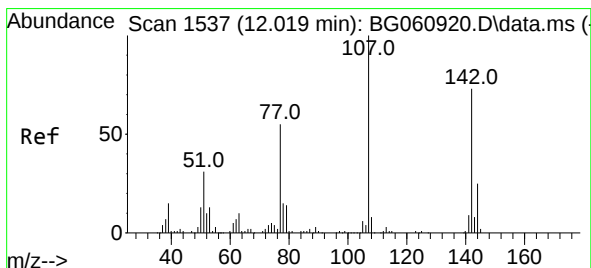
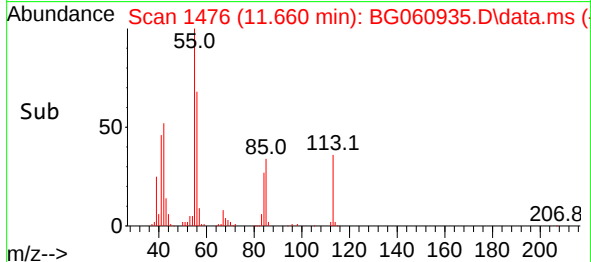
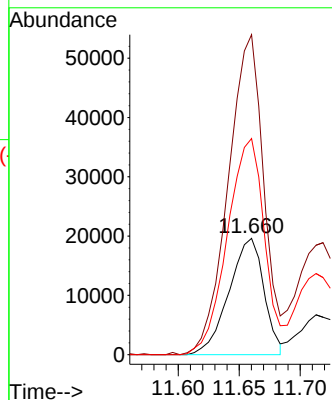
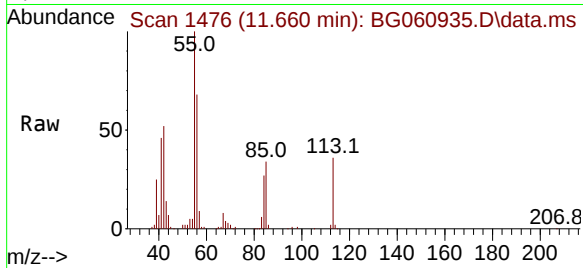




#35
 Caprolactam
 Concen: 26.353 ng
 RT: 11.660 min Scan# 1476
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

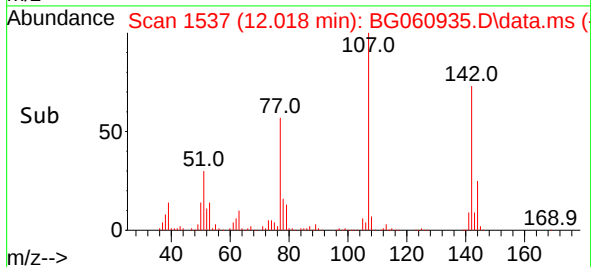
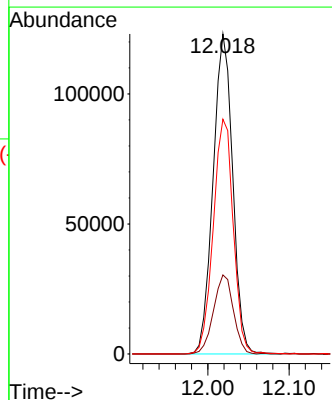
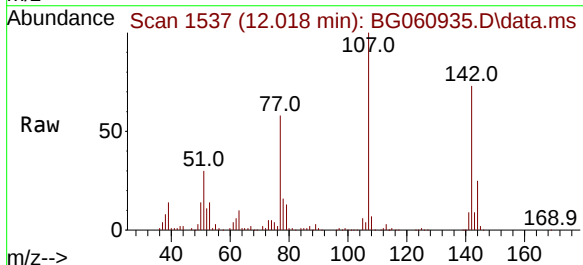
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

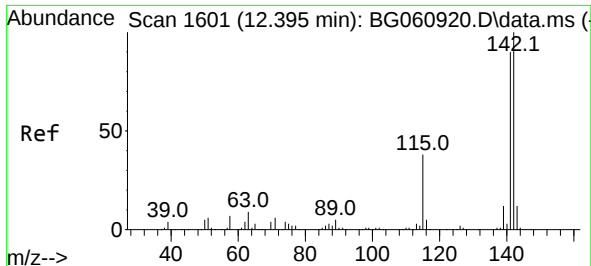
Tgt Ion:113 Resp: 39128
 Ion Ratio Lower Upper
 113 100
 55 274.9 262.6 302.6
 56 185.7 177.0 217.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.392 ng
 RT: 12.018 min Scan# 1537
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

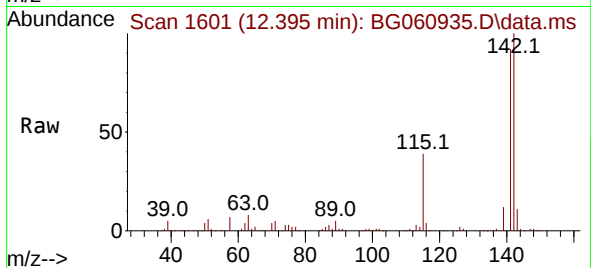
Tgt Ion:107 Resp: 206189
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.7 29.5
 142 73.3 58.2 87.2



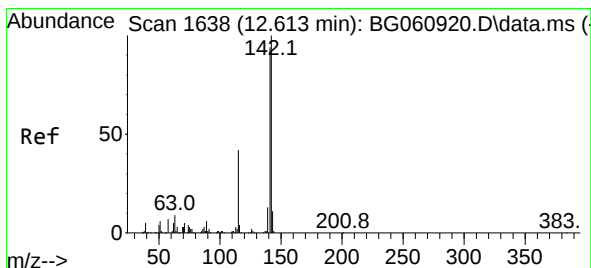
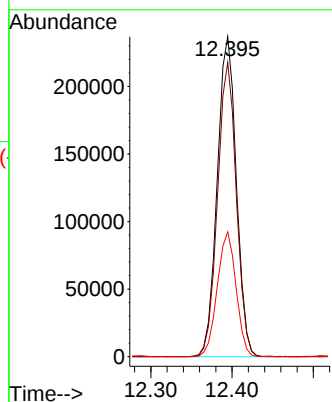
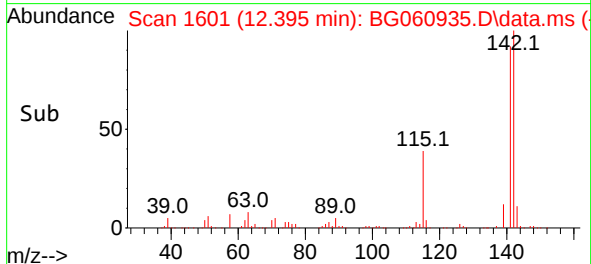


#37
2-Methylnaphthalene
Concen: 40.748 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

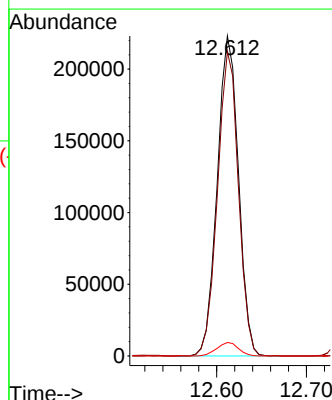
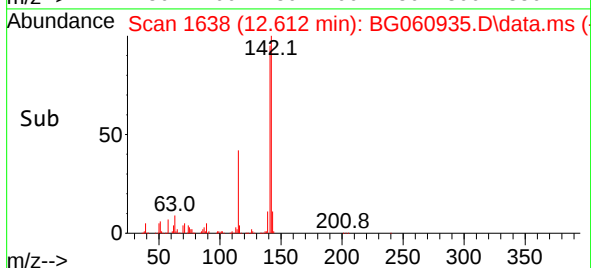
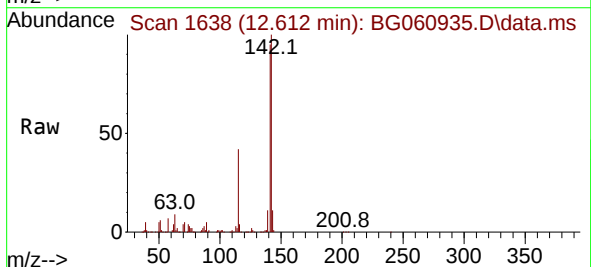


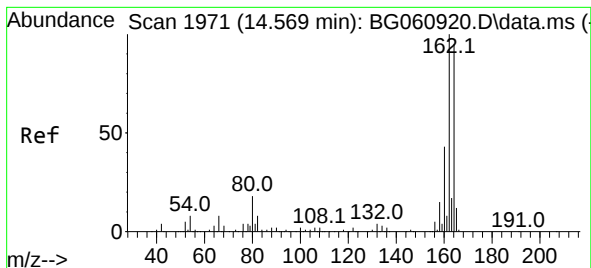
Tgt Ion:142 Resp: 386443
Ion Ratio Lower Upper
142 100
141 92.0 71.7 107.5
115 39.0 30.6 45.8



#38
1-Methylnaphthalene
Concen: 40.859 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:142 Resp: 365816
Ion Ratio Lower Upper
142 100
141 95.1 75.1 112.7
116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

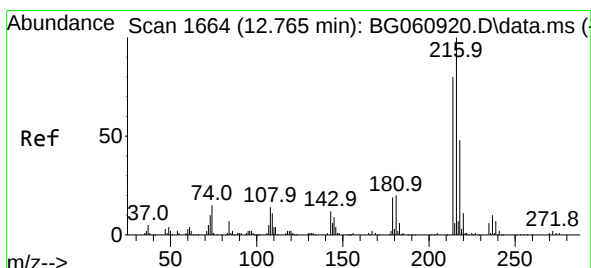
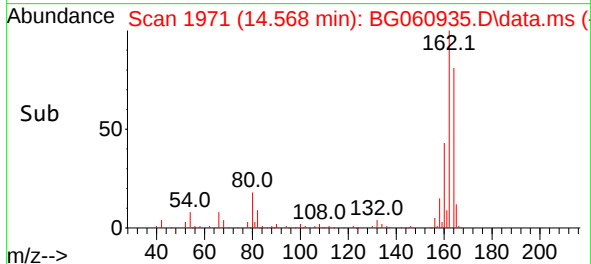
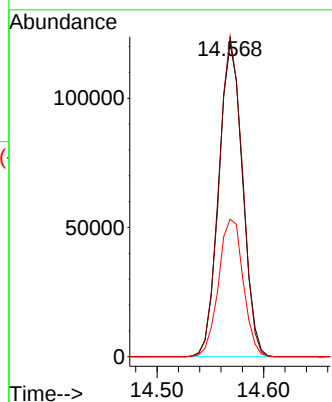
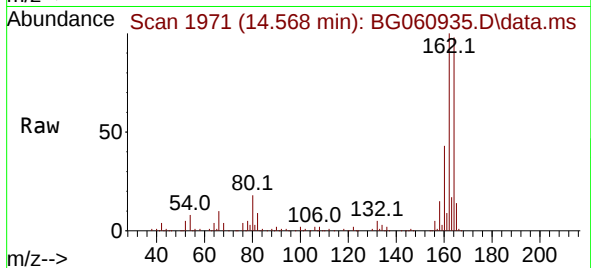
Tgt Ion:164 Resp: 188364

Ion Ratio Lower Upper

164 100

162 102.1 84.1 126.1

160 43.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.290 ng

RT: 12.759 min Scan# 1663

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Tgt Ion:216 Resp: 257437

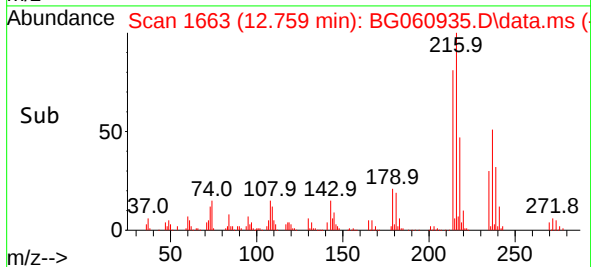
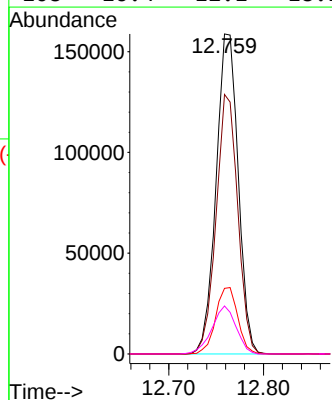
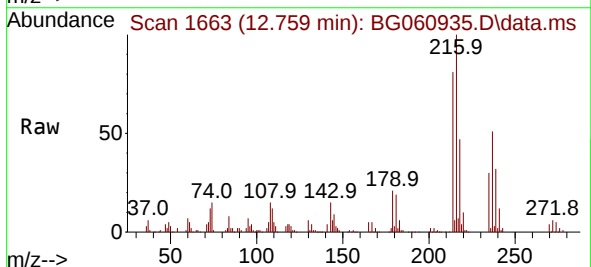
Ion Ratio Lower Upper

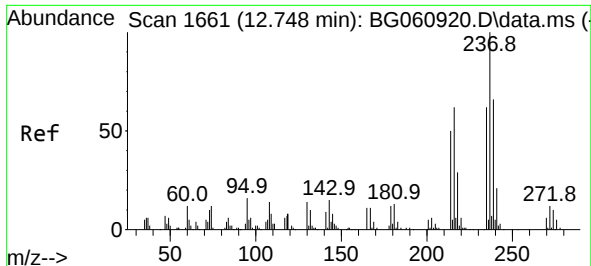
216 100

214 79.4 62.8 94.2

179 20.7 15.2 22.8

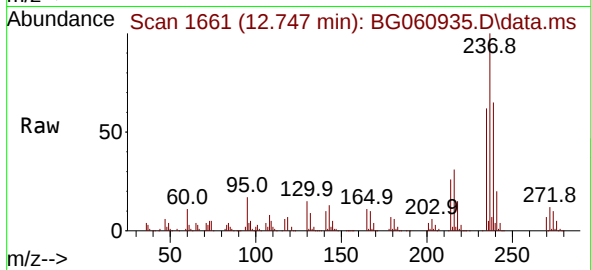
108 16.4 12.1 18.1



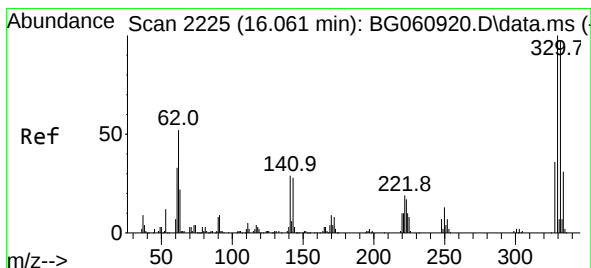
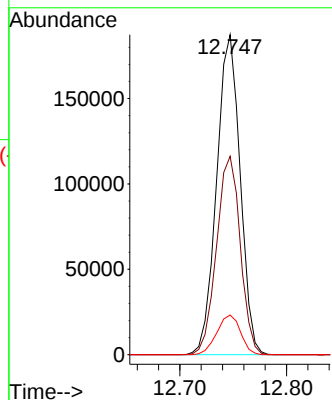
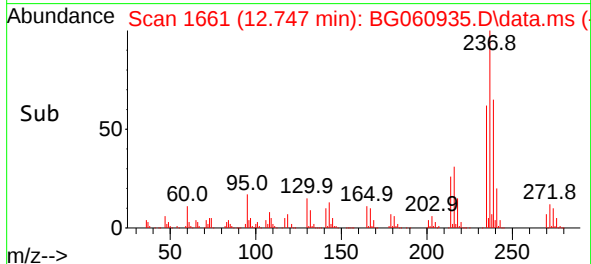


#41
Hexachlorocyclopentadiene
Concen: 96.425 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

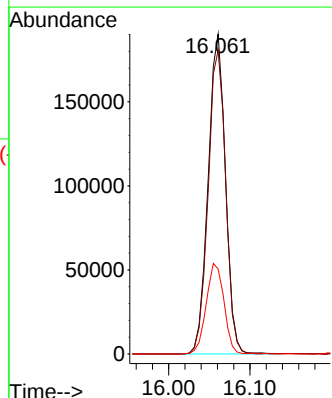
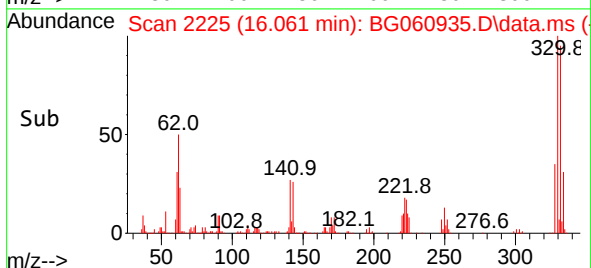
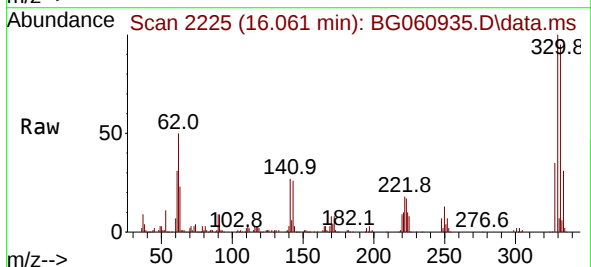


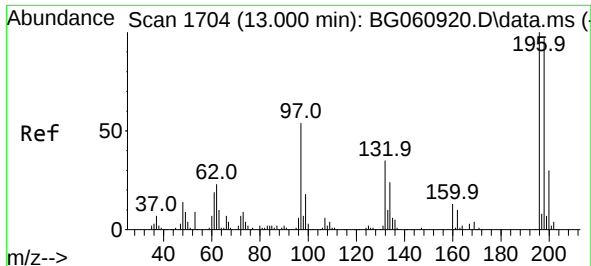
Tgt Ion:237 Resp: 286590
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 90.516 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

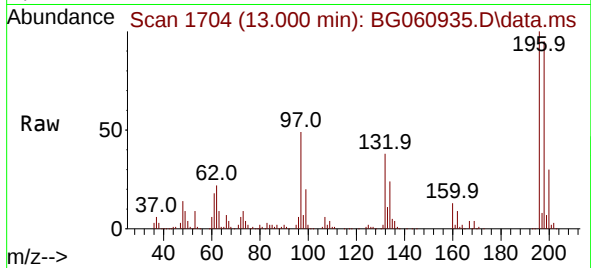
Tgt Ion:330 Resp: 281672
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 29.0 23.7 35.5



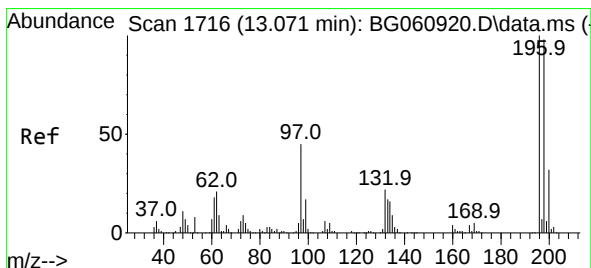
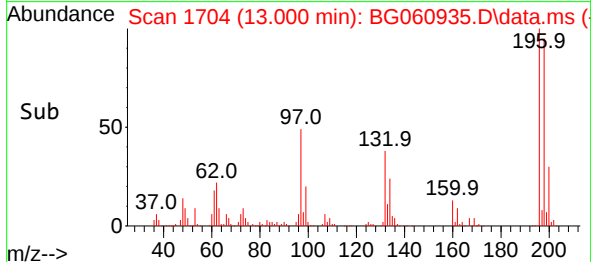
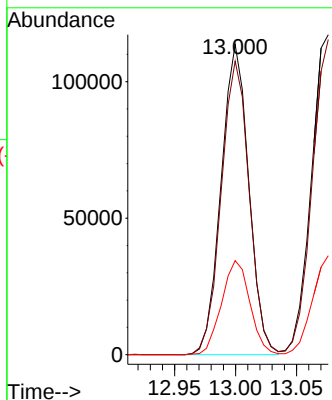


#43
2,4,6-Trichlorophenol
Concen: 44.285 ng
RT: 13.000 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

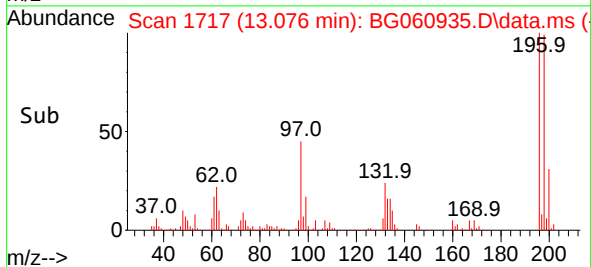
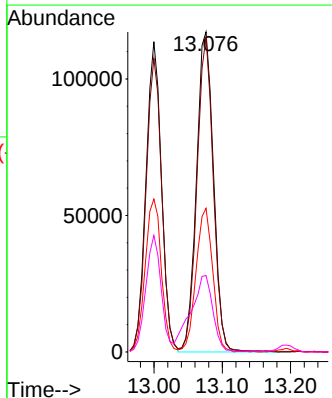
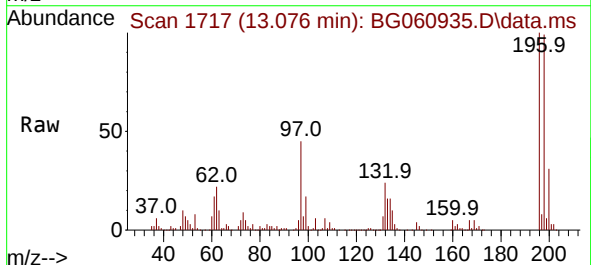


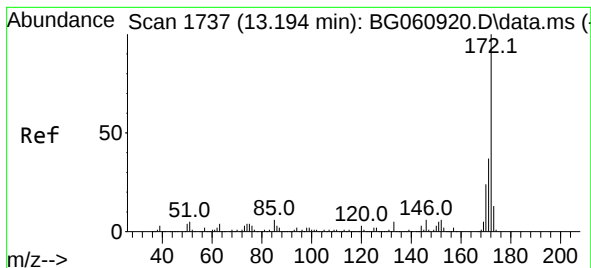
Tgt Ion:196 Resp: 179000
Ion Ratio Lower Upper
196 100
198 94.6 77.9 116.9
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 41.718 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:196 Resp: 203353
Ion Ratio Lower Upper
196 100
198 98.5 78.2 117.4
97 44.9 35.9 53.9
132 23.9 17.8 26.6

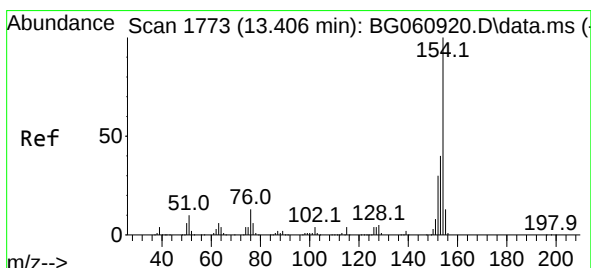
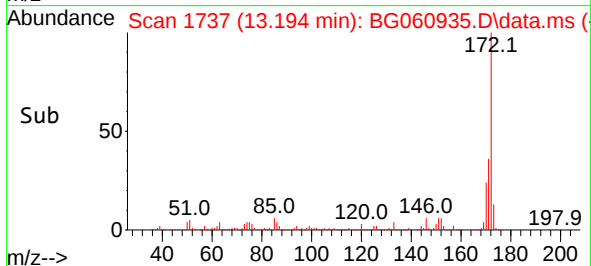
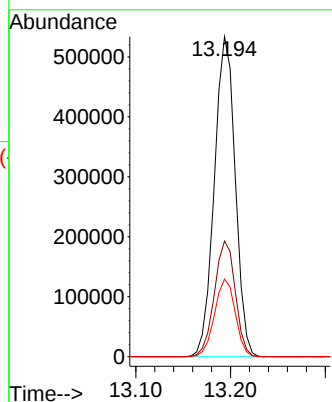
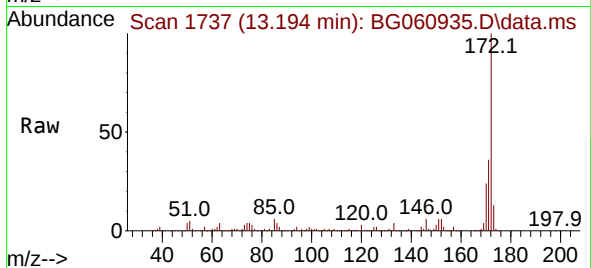




#45
2-Fluorobiphenyl
Concen: 63.744 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

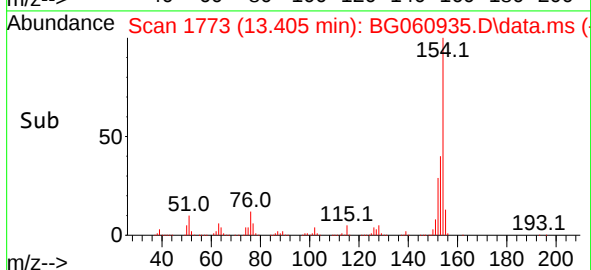
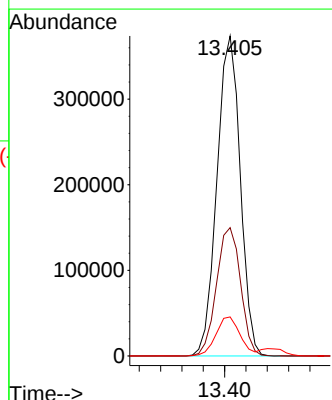
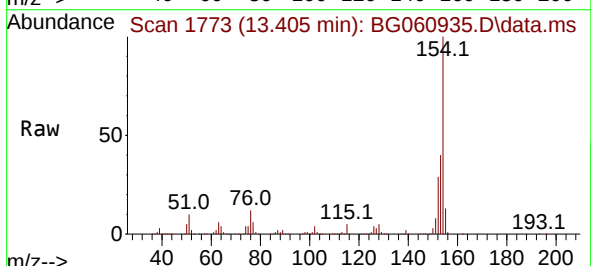
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

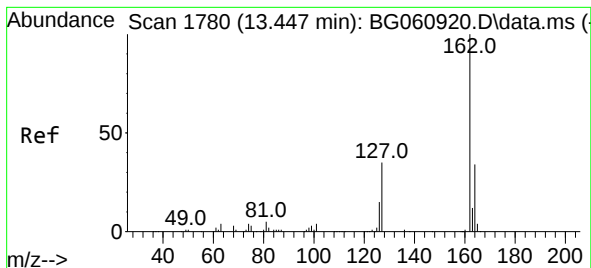
Tgt Ion:172 Resp: 818227
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.3 19.5 29.3



#46
1,1'-Biphenyl
Concen: 44.202 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:154 Resp: 566121
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 12.2 0.0 32.7





#47

2-Chloronaphthalene

Concen: 45.871 ng

RT: 13.446 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

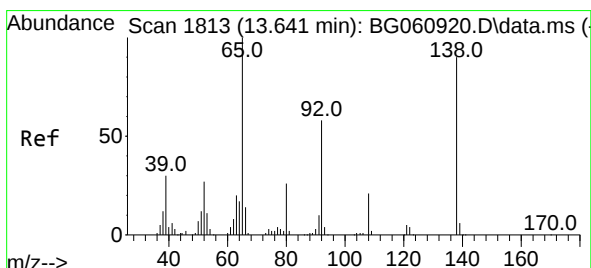
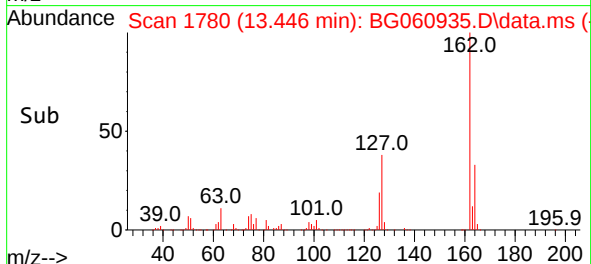
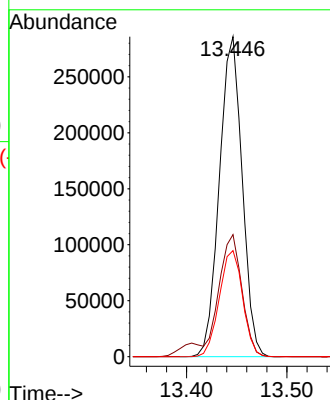
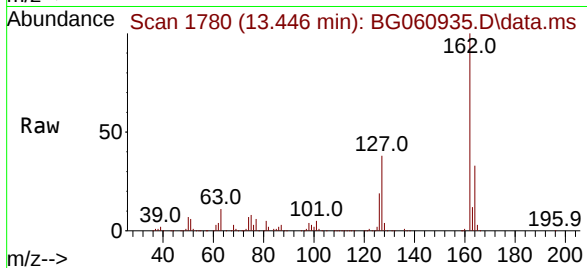
Tgt Ion:162 Resp: 449652

Ion Ratio Lower Upper

162 100

127 38.1 31.0 46.6

164 33.2 27.2 40.8



#48

2-Nitroaniline

Concen: 42.107 ng

RT: 13.640 min Scan# 1813

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

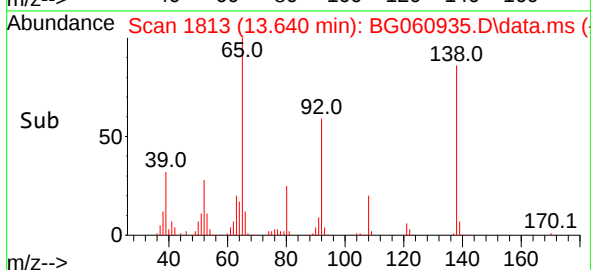
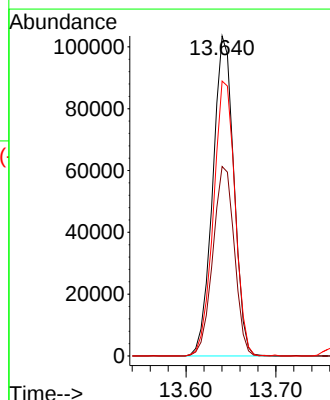
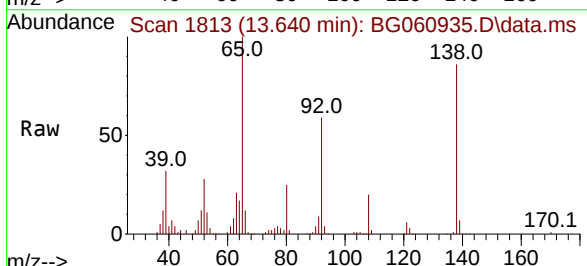
Tgt Ion: 65 Resp: 169379

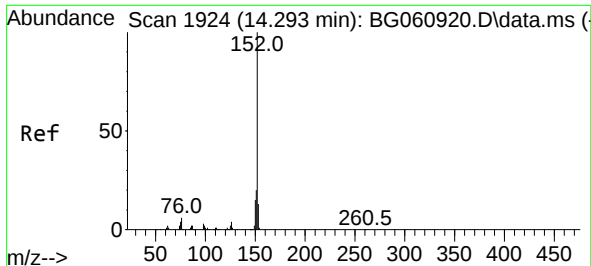
Ion Ratio Lower Upper

65 100

92 59.2 46.5 69.7

138 85.9 71.8 107.8

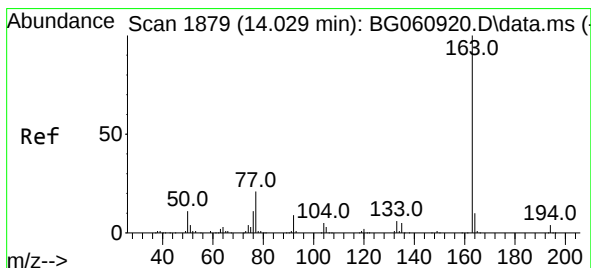
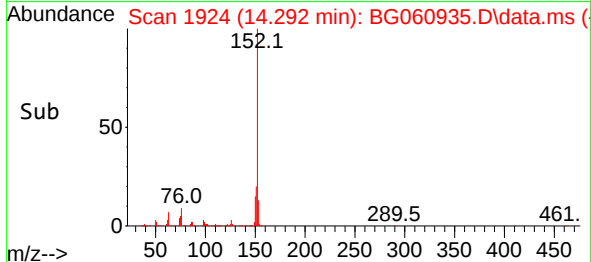
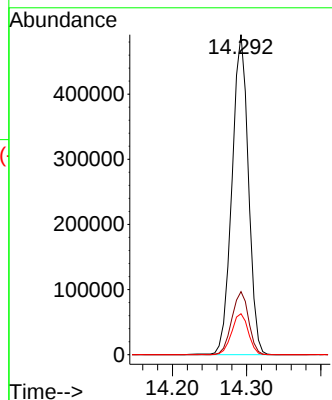
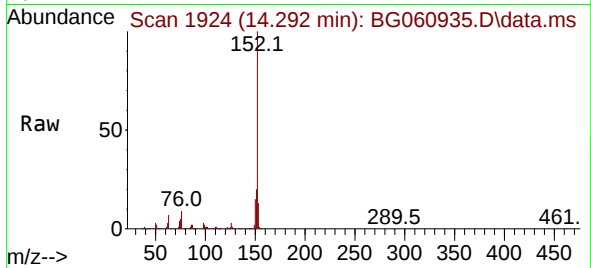




#49
Acenaphthylene
Concen: 45.461 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

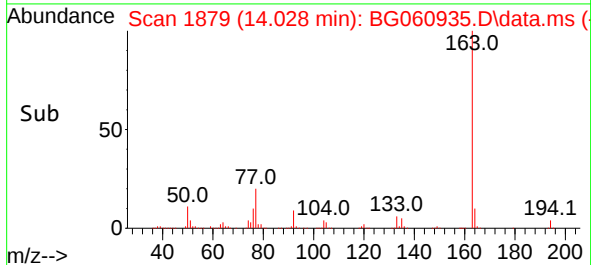
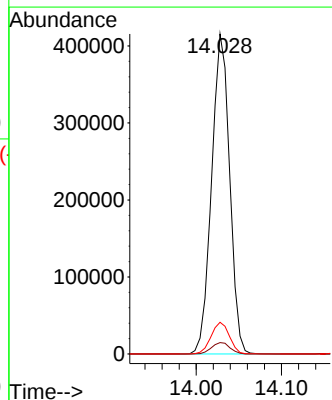
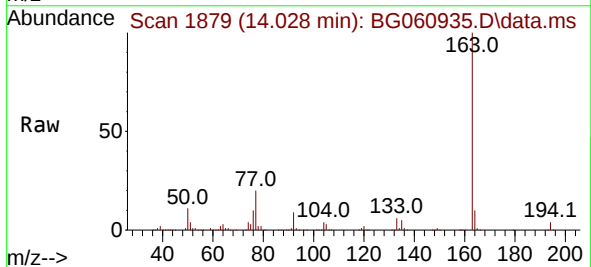
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

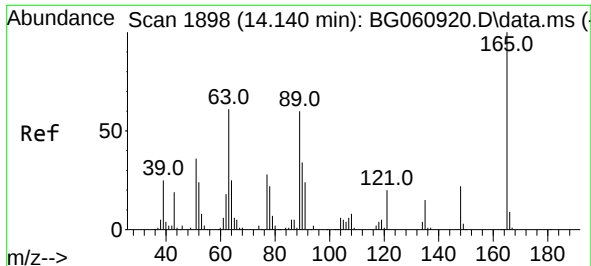
Tgt Ion:152 Resp: 753558
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 40.793 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:163 Resp: 609752
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 8.2 12.2

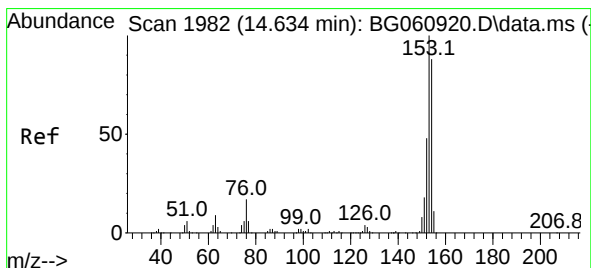
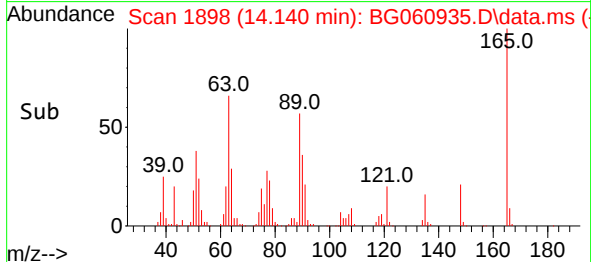
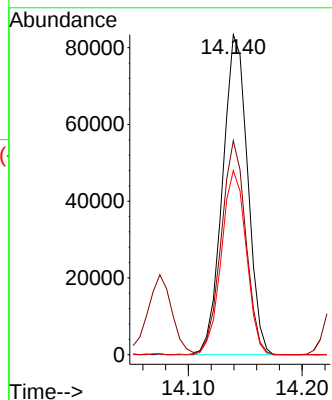
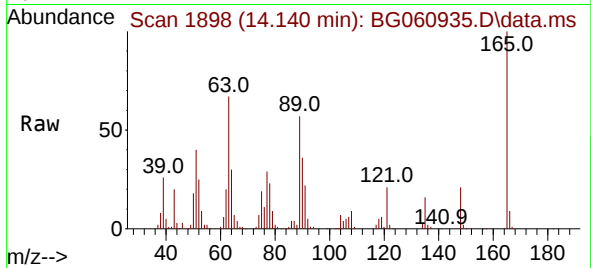




#51
2,6-Dinitrotoluene
Concen: 41.964 ng
RT: 14.140 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

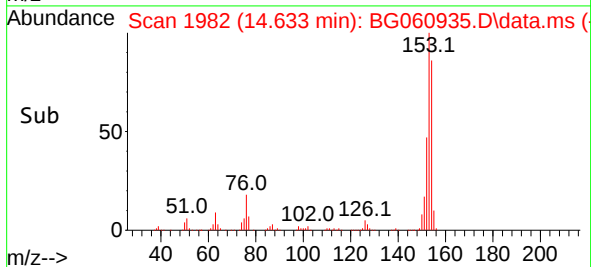
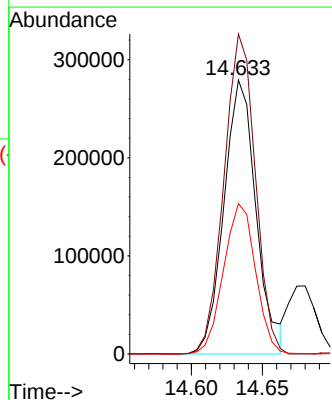
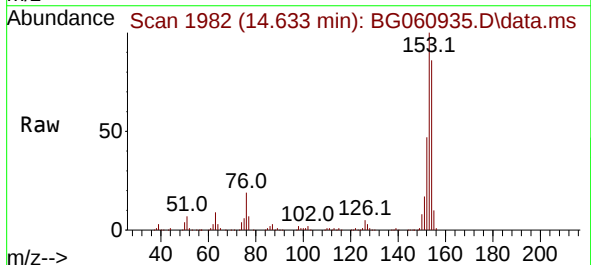
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

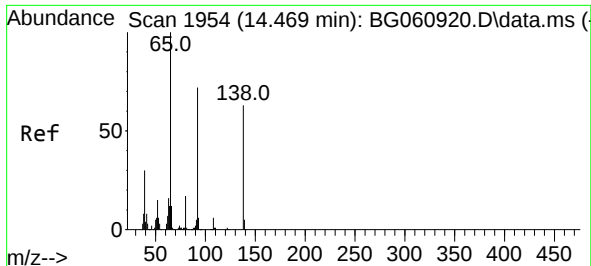
Tgt Ion:165 Resp: 127844
Ion Ratio Lower Upper
165 100
63 66.8 53.8 80.8
89 57.5 48.2 72.4



#52
Acenaphthene
Concen: 43.747 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:154 Resp: 439786
Ion Ratio Lower Upper
154 100
153 116.8 91.4 137.0
152 54.9 44.1 66.1

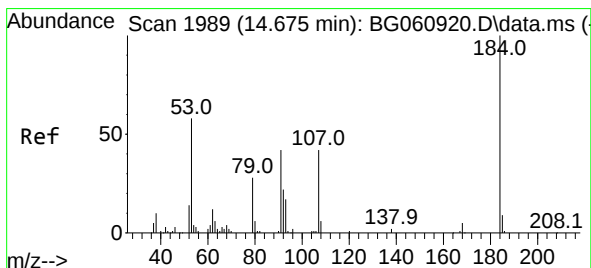
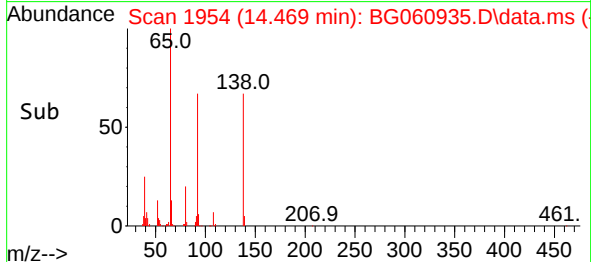
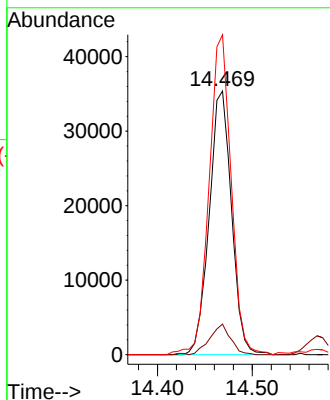
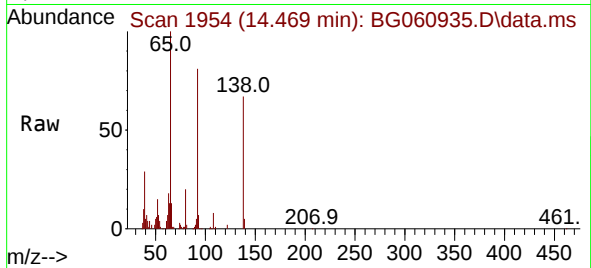




#53
3-Nitroaniline
Concen: 17.272 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

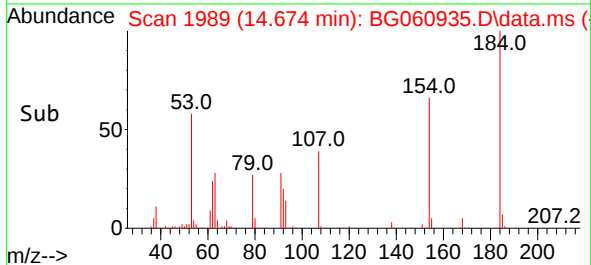
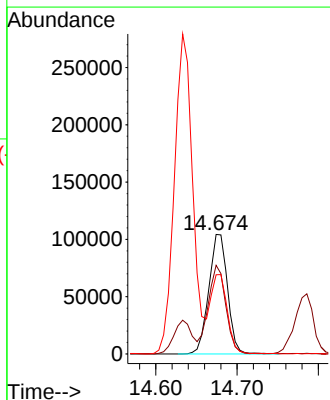
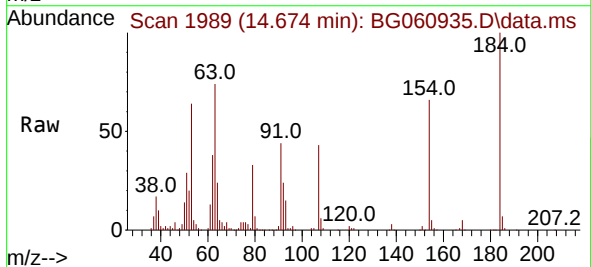
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

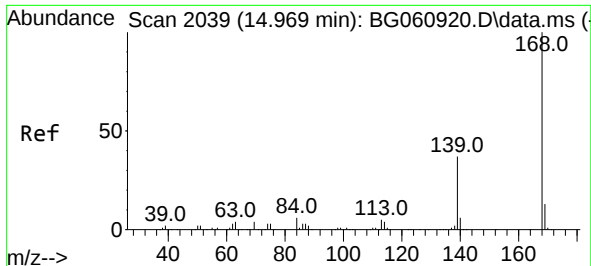
Tgt Ion:138 Resp: 57763
Ion Ratio Lower Upper
138 100
108 11.6 7.5 11.3#
92 121.3 92.5 138.7



#54
2,4-Dinitrophenol
Concen: 85.186 ng
RT: 14.674 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:184 Resp: 166529
Ion Ratio Lower Upper
184 100
63 74.2 52.0 78.0
154 66.3 50.7 76.1

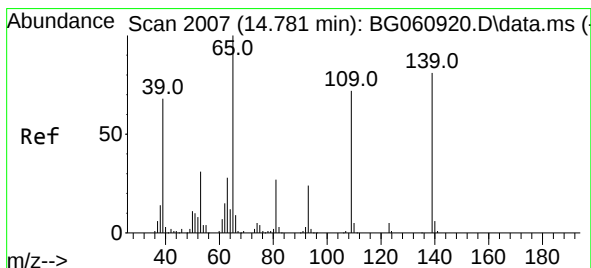
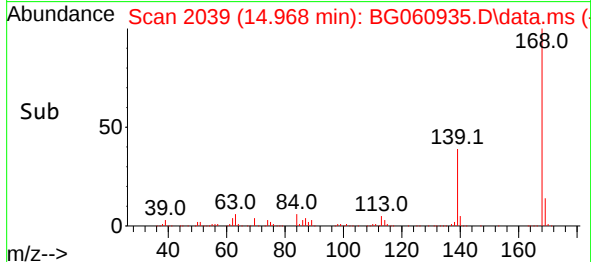
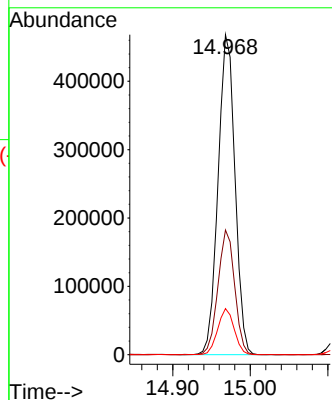
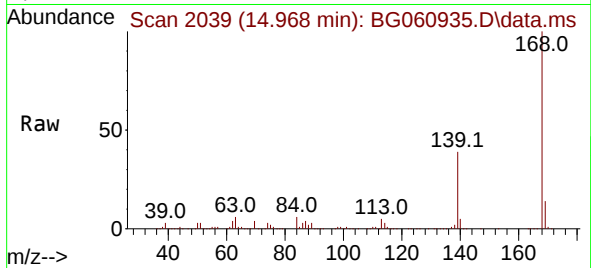




#55
Dibenzofuran
Concen: 41.840 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

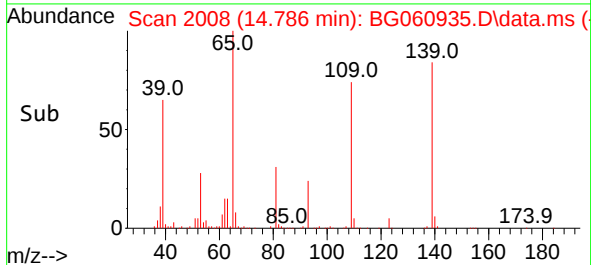
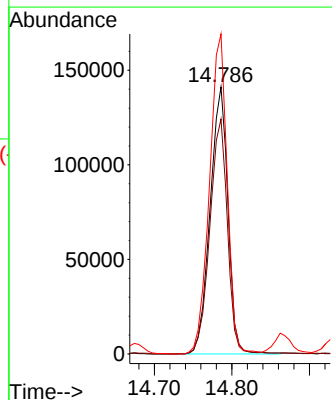
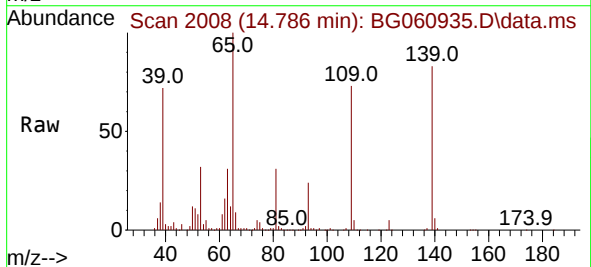
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

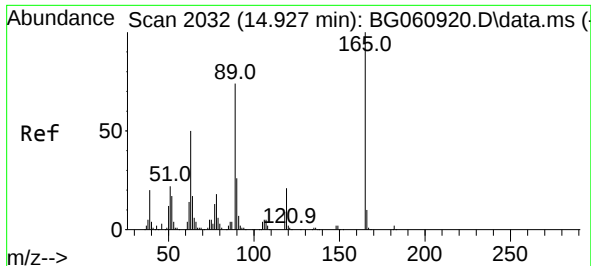
Tgt Ion:168 Resp: 710526
Ion Ratio Lower Upper
168 100
139 39.0 29.9 44.9
169 14.4 10.6 16.0



#56
4-Nitrophenol
Concen: 87.991 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:139 Resp: 225300
Ion Ratio Lower Upper
139 100
109 88.0 69.7 109.7
65 119.9 103.7 143.7

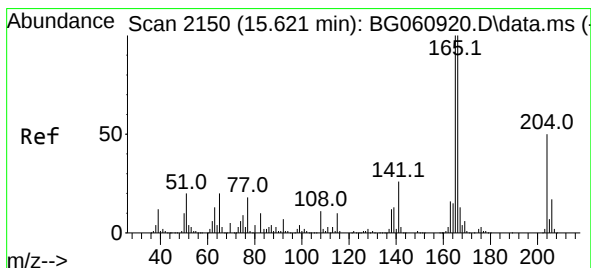
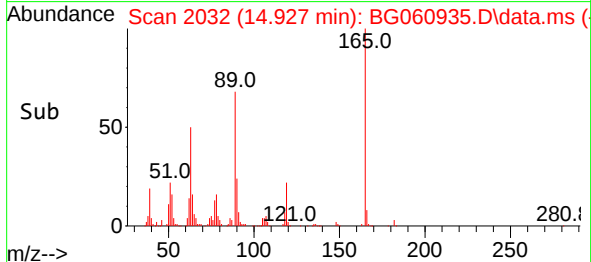
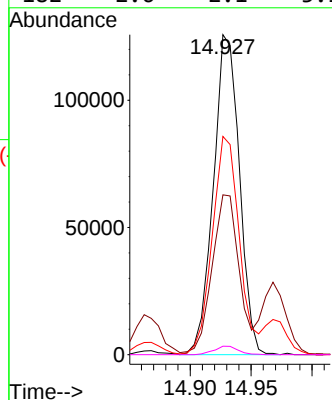
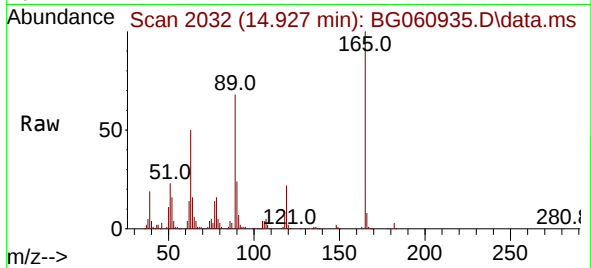




#57
2,4-Dinitrotoluene
Concen: 42.997 ng
RT: 14.927 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

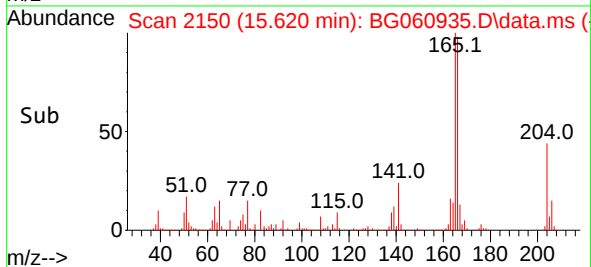
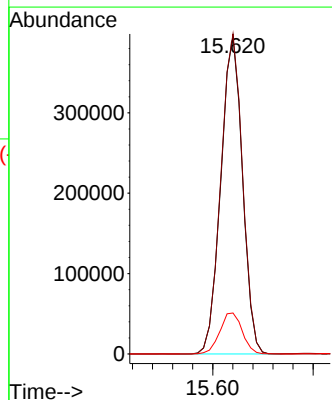
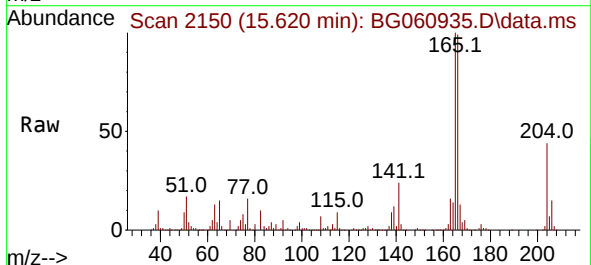
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

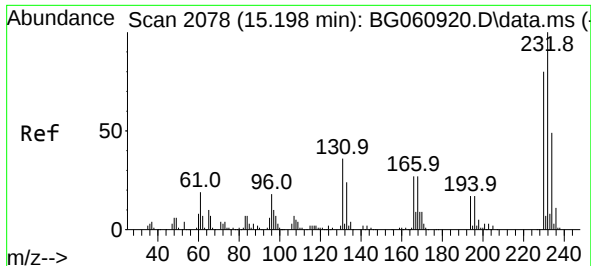
Tgt Ion:165 Resp: 187184
Ion Ratio Lower Upper
165 100
63 49.9 40.2 60.2
89 68.2 59.0 88.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 41.842 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

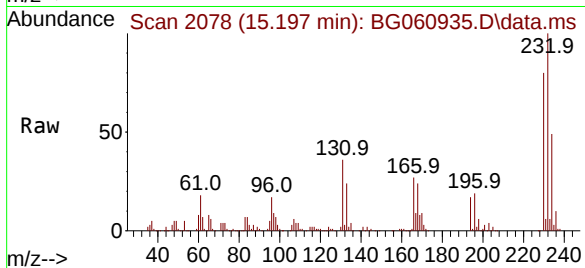
Tgt Ion:166 Resp: 589389
Ion Ratio Lower Upper
166 100
165 100.7 80.2 120.4
167 12.9 10.4 15.6



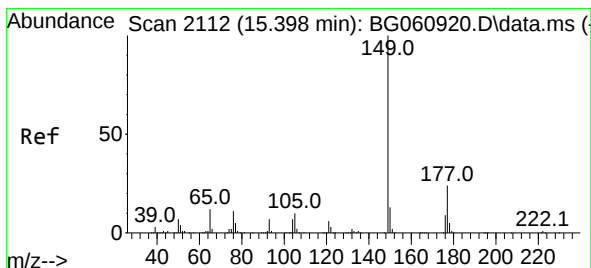
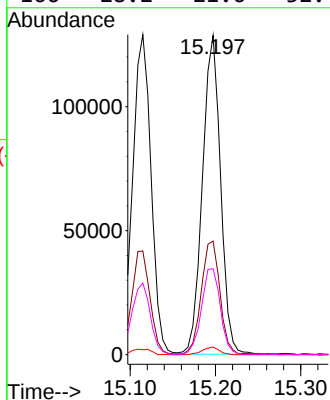
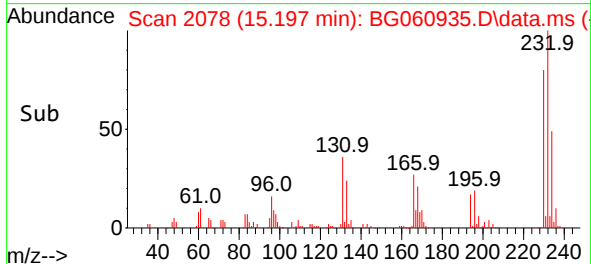


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.388 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

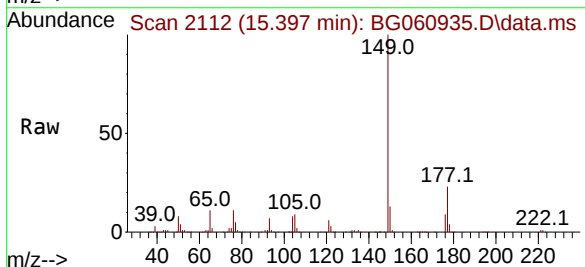
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS



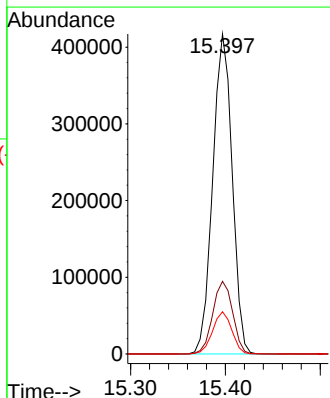
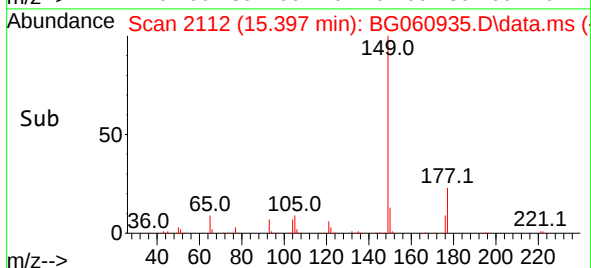
Tgt Ion:232 Resp: 189811
Ion Ratio Lower Upper
232 100
131 36.7 29.8 44.8
130 2.2 1.8 2.8
166 28.2 21.6 32.4

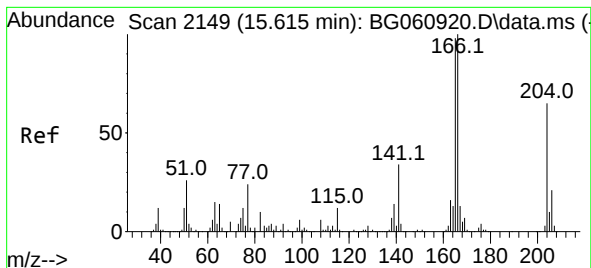


#60
Diethylphthalate
Concen: 39.713 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58



Tgt Ion:149 Resp: 594568
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.4
150 13.2 10.5 15.7

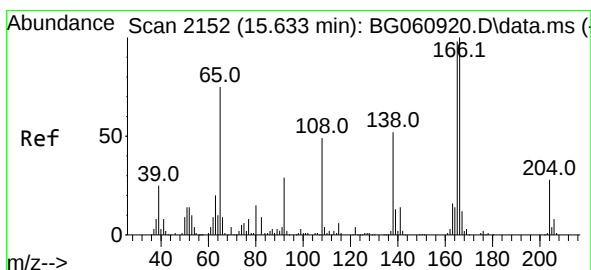
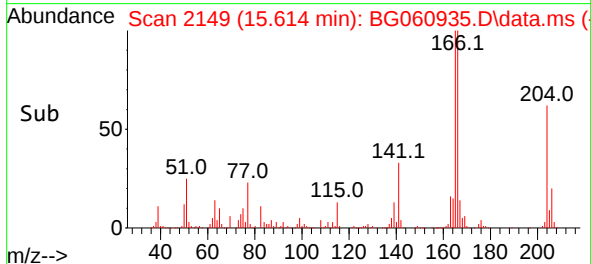
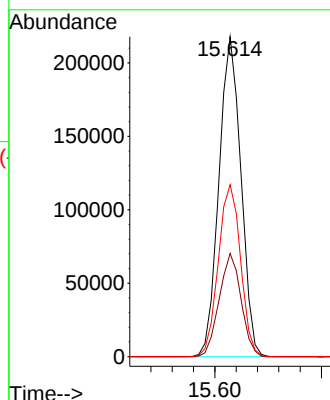
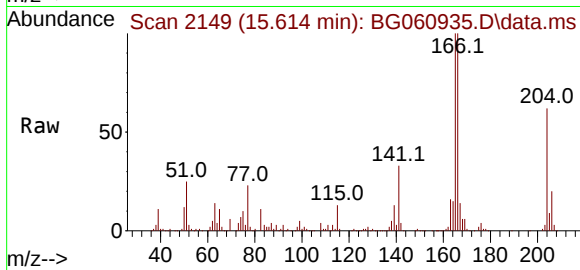




#61
4-Chlorophenyl-phenylether
Concen: 39.872 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

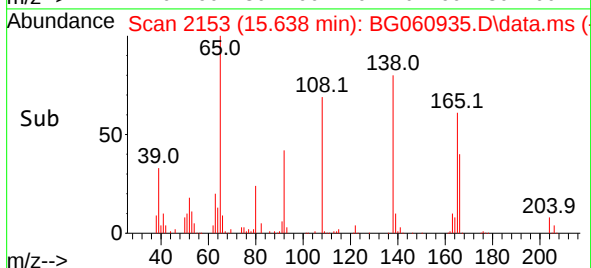
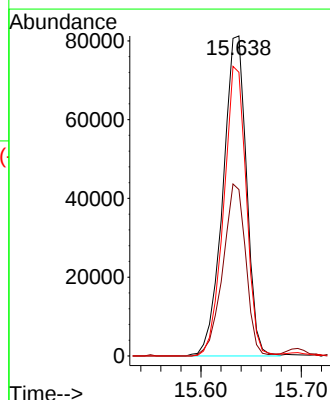
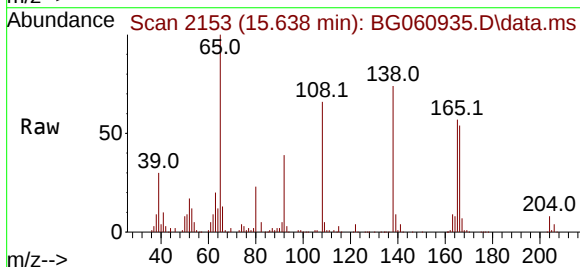
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

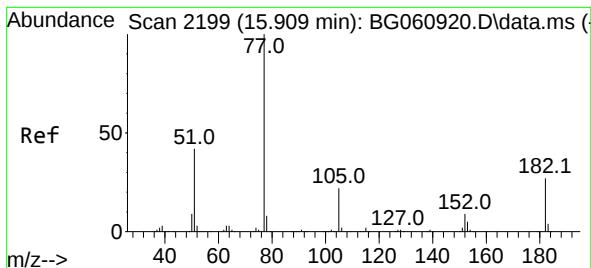
Tgt Ion:204 Resp: 311331
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 53.7 42.0 63.0



#62
4-Nitroaniline
Concen: 36.796 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:138 Resp: 132310
Ion Ratio Lower Upper
138 100
92 52.0 34.8 74.8
108 88.7 73.9 113.9





#63

Azobenzene

Concen: 40.711 ng

RT: 15.908 min Scan# 2199

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

Tgt Ion: 77 Resp: 574452

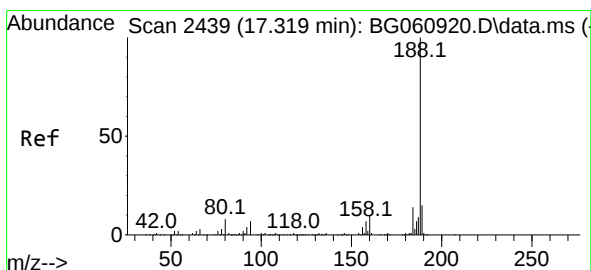
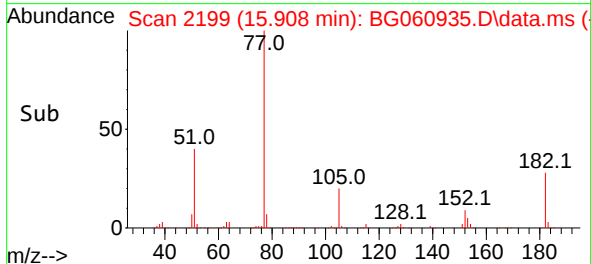
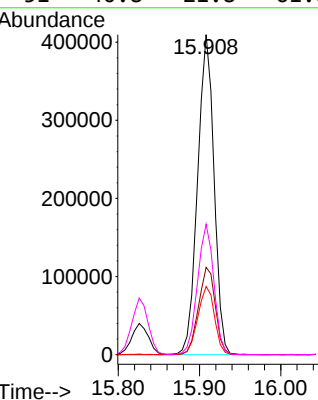
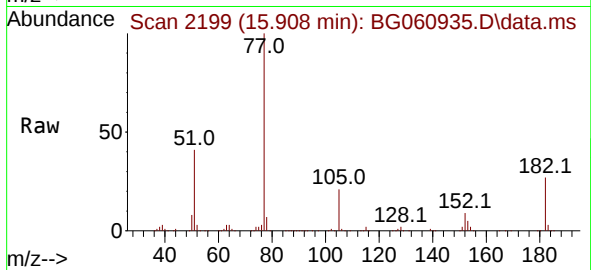
Ion Ratio Lower Upper

77 100

182 27.3 6.8 46.8

105 21.3 1.7 41.7

51 40.8 21.8 61.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

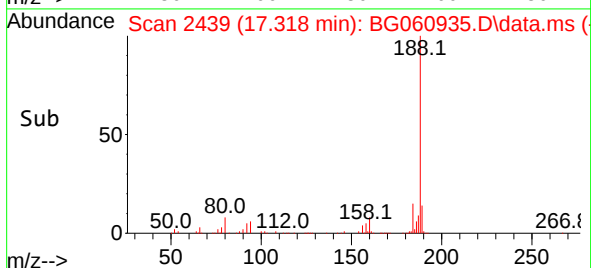
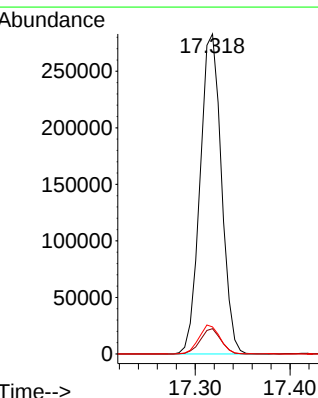
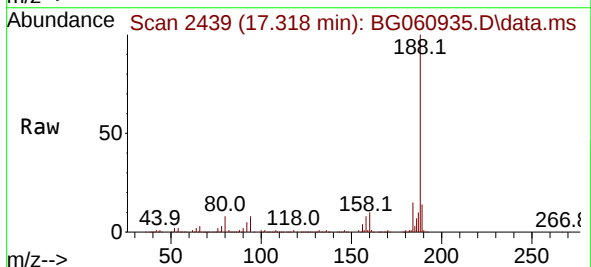
Tgt Ion:188 Resp: 442196

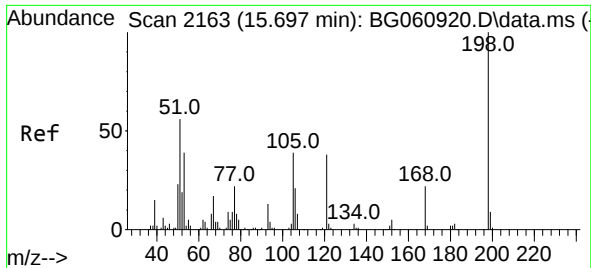
Ion Ratio Lower Upper

188 100

94 7.9 5.7 8.5

80 8.5 6.6 9.8

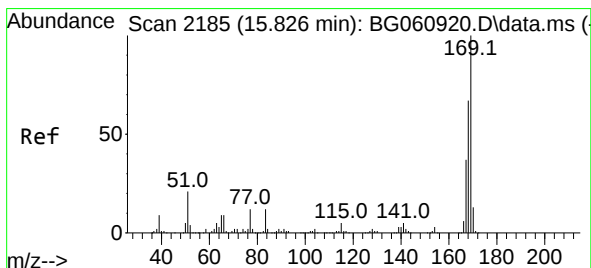
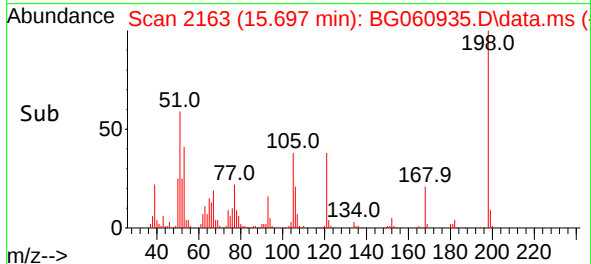
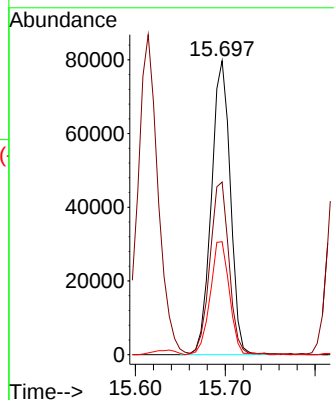
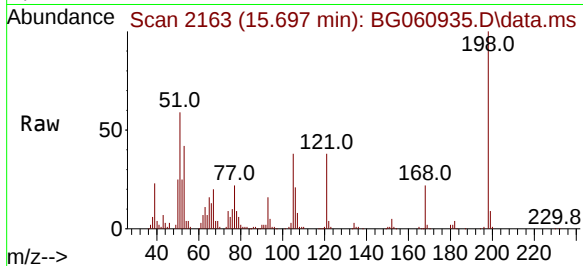




#65
4,6-Dinitro-2-methylphenol
Concen: 47.371 ng
RT: 15.697 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

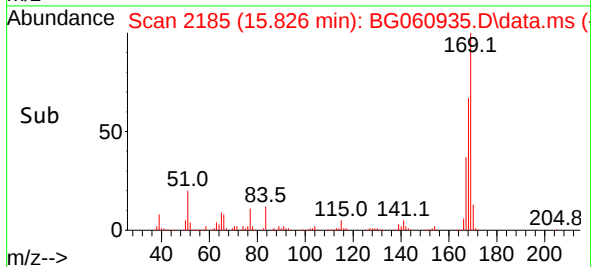
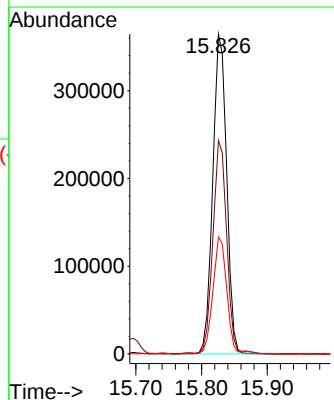
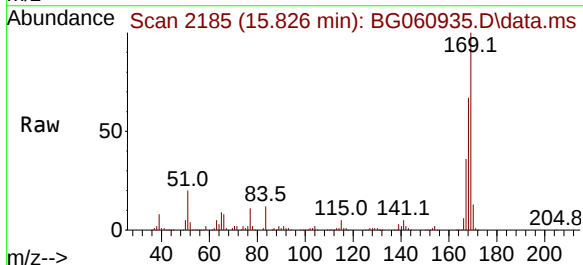
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

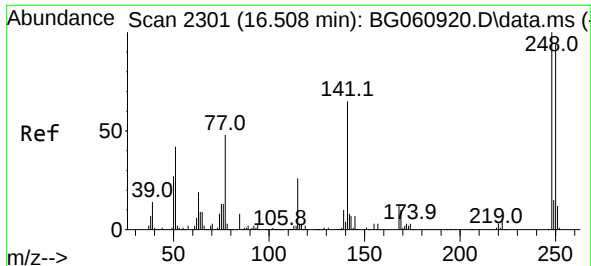
Tgt Ion:198 Resp: 116867
Ion Ratio Lower Upper
198 100
51 58.8 38.2 78.2
105 38.4 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 43.987 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:169 Resp: 533953
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.5 29.8 44.6

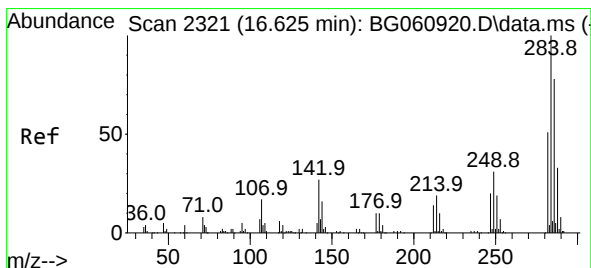
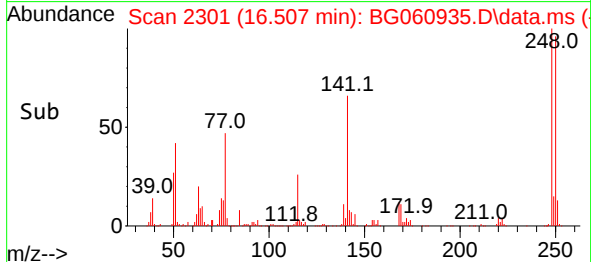
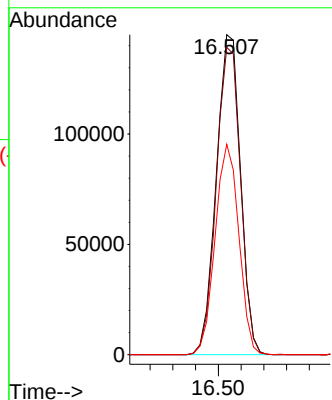
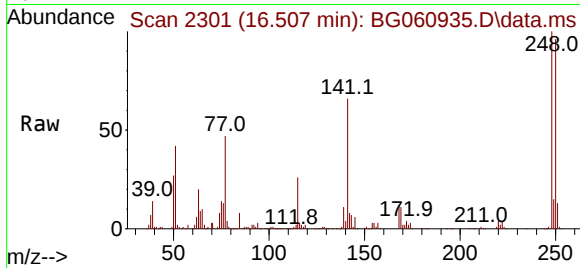




#67
4-Bromophenyl-phenylether
Concen: 43.391 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

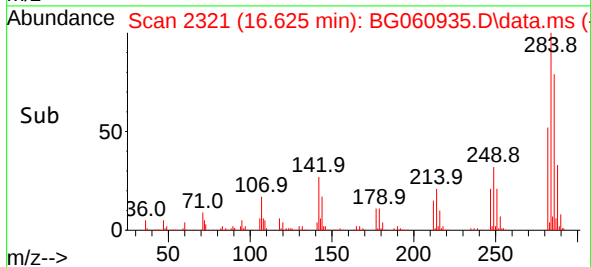
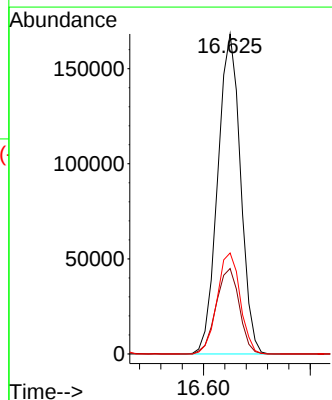
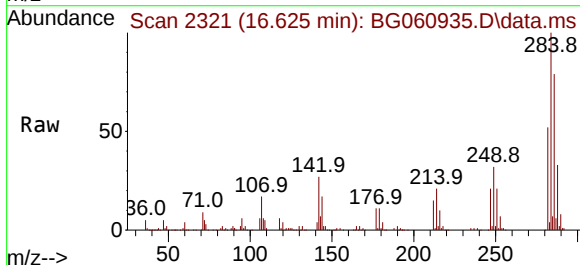
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

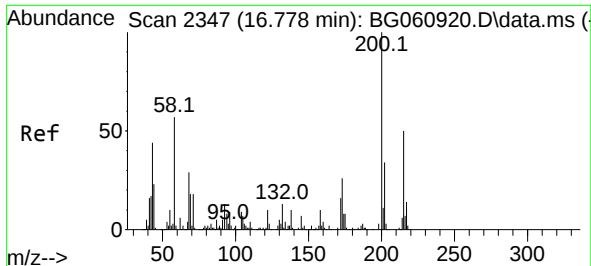
Tgt Ion:248 Resp: 214943
Ion Ratio Lower Upper
248 100
250 96.1 75.4 113.2
141 65.7 52.2 78.2



#68
Hexachlorobenzene
Concen: 46.240 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:284 Resp: 249241
Ion Ratio Lower Upper
284 100
142 26.7 21.2 31.8
249 31.5 24.9 37.3

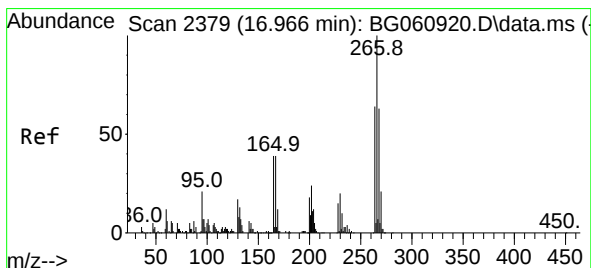
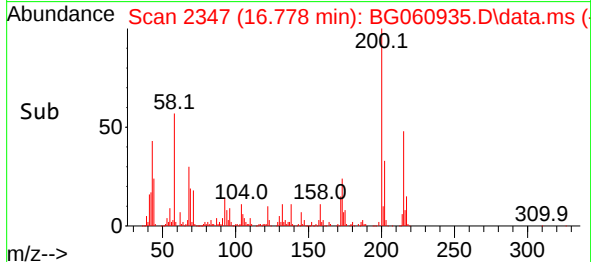
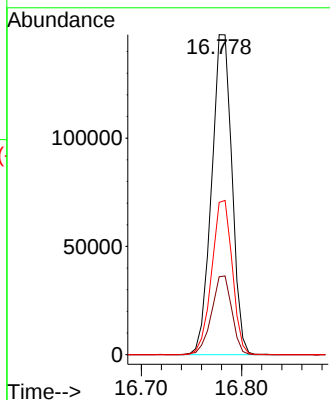
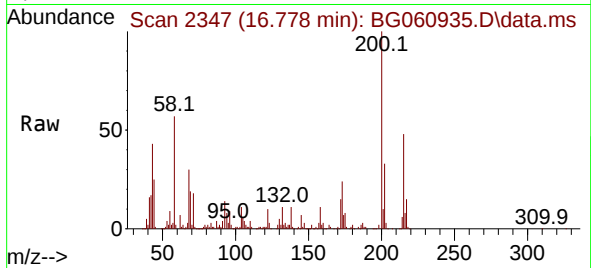




#69
Atrazine
Concen: 47.708 ng
RT: 16.778 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

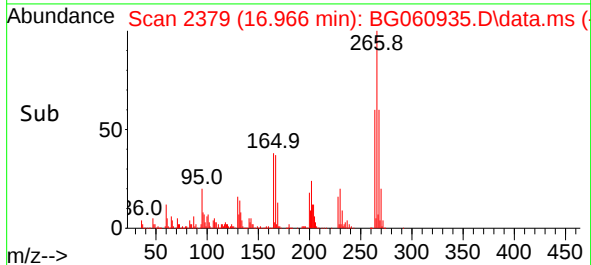
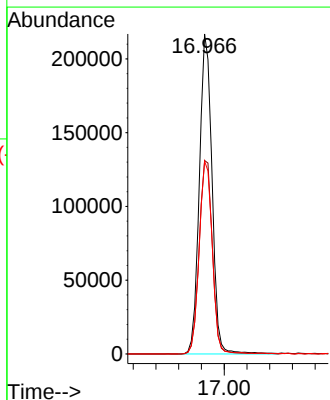
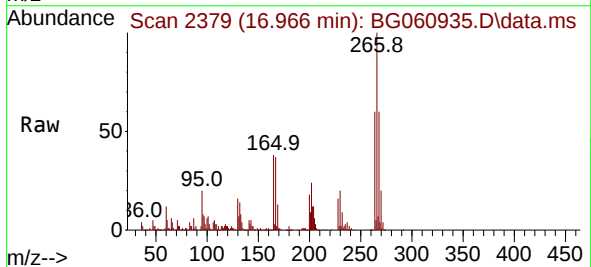
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

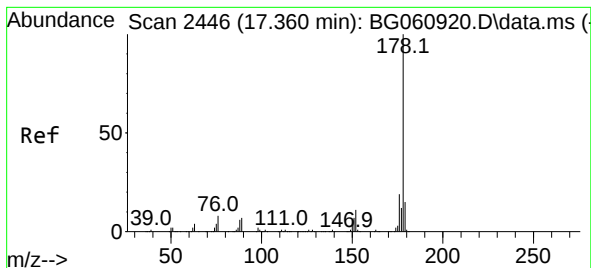
Tgt Ion:200 Resp: 208132
Ion Ratio Lower Upper
200 100
173 24.3 6.5 46.5
215 47.6 30.4 70.4



#70
Pentachlorophenol
Concen: 92.064 ng
RT: 16.966 min Scan# 2379
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:266 Resp: 336072
Ion Ratio Lower Upper
266 100
268 60.4 50.2 75.2
264 60.3 51.2 76.8





#71

Phenanthrene

Concen: 53.349 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

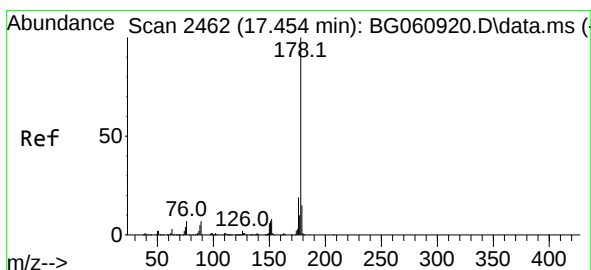
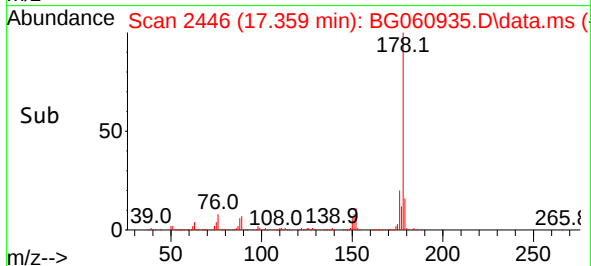
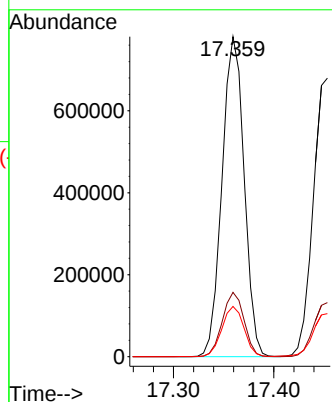
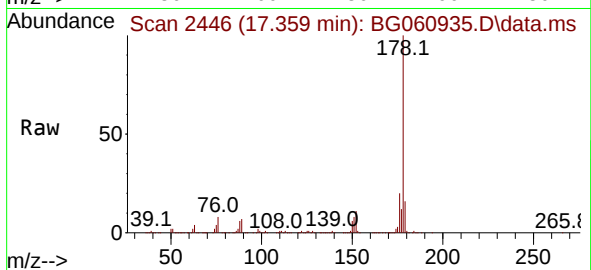
Tgt Ion:178 Resp: 1194084

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 15.7 12.0 18.0



#72

Anthracene

Concen: 44.788 ng

RT: 17.453 min Scan# 2462

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

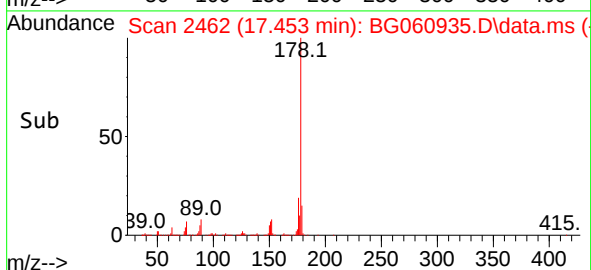
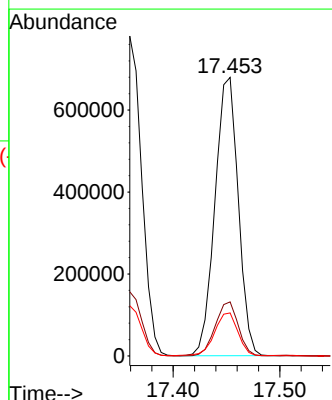
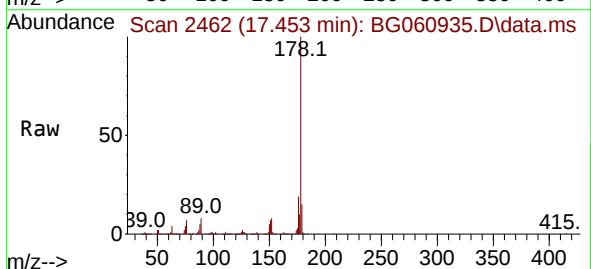
Tgt Ion:178 Resp: 1029733

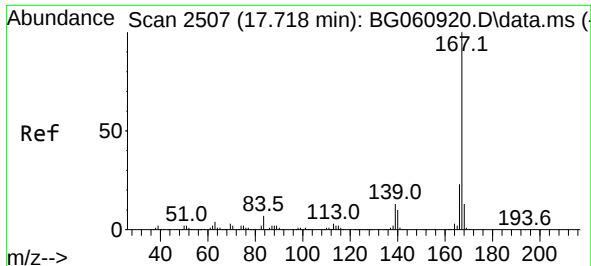
Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

179 15.5 11.6 17.4

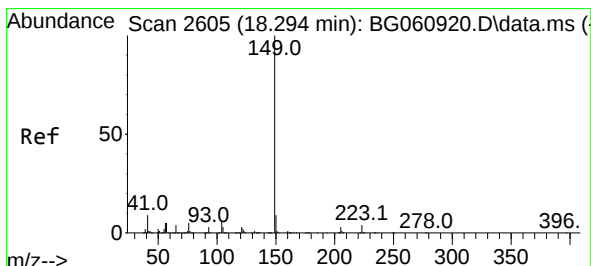
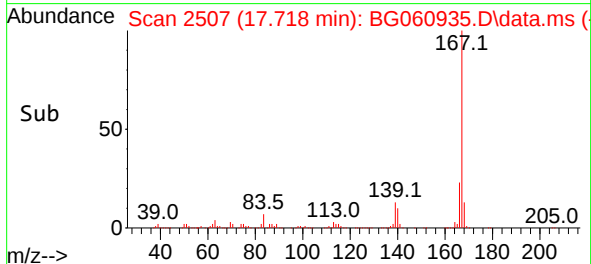
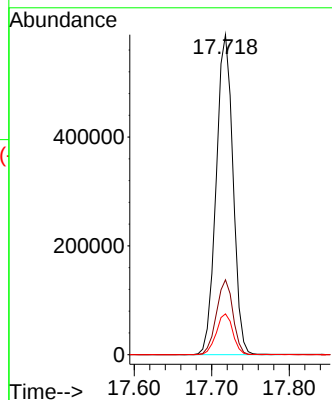
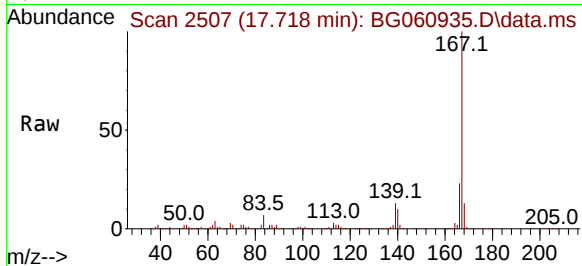




#73
 Carbazole
 Concen: 44.274 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

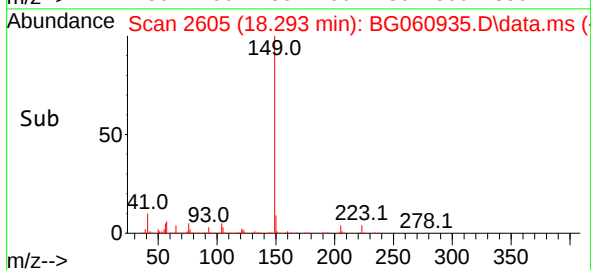
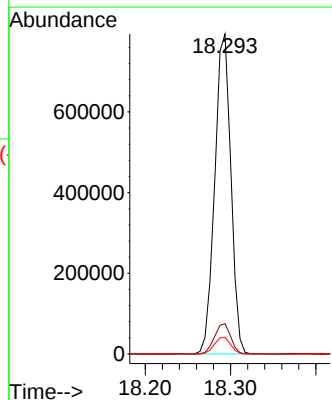
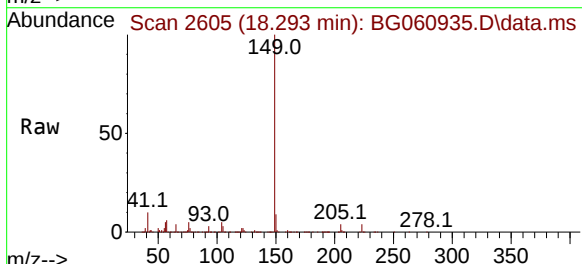
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

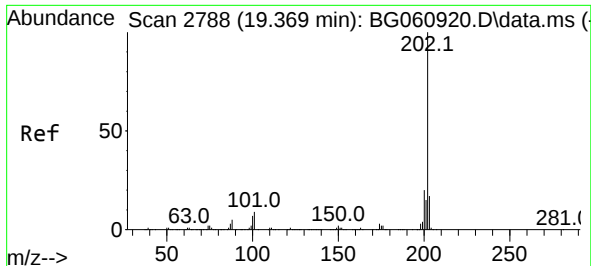
Tgt Ion:167 Resp: 886869
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 12.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 43.222 ng
 RT: 18.293 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

Tgt Ion:149 Resp: 1042338
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.6 6.8

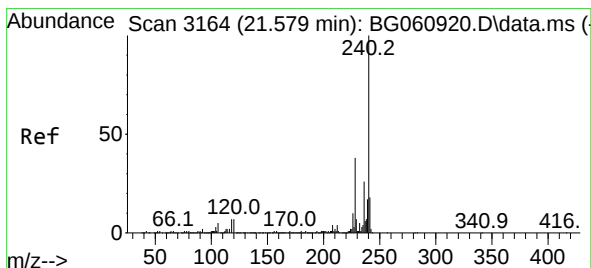
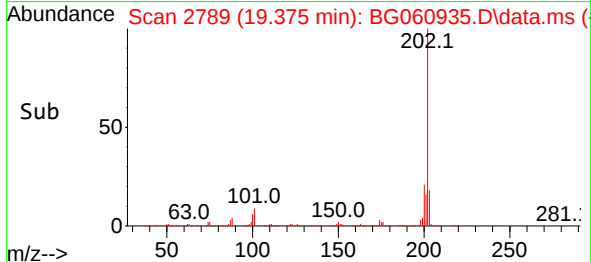
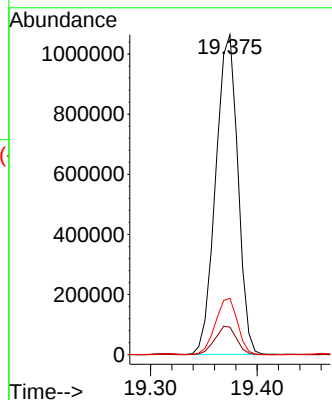
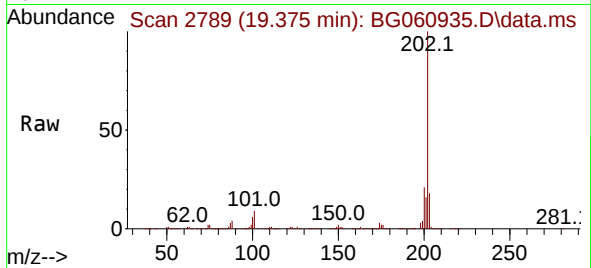




#75
Fluoranthene
Concen: 53.849 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

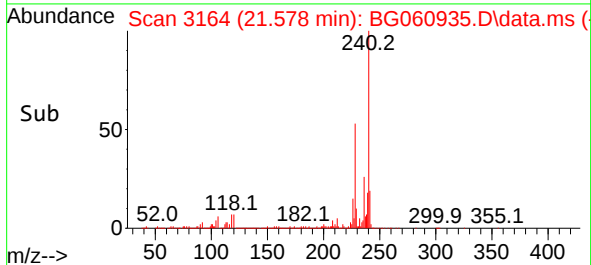
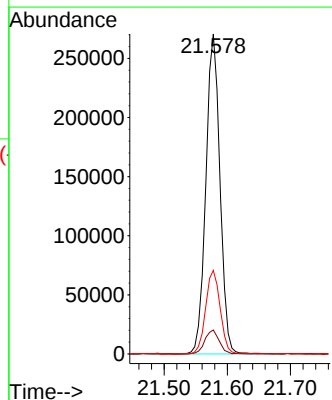
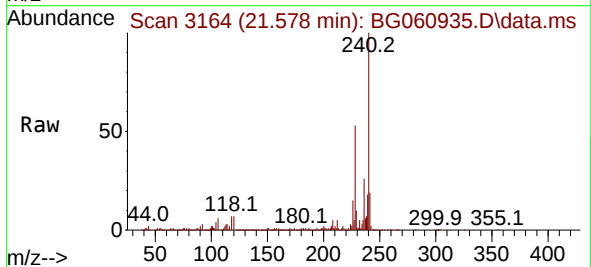
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

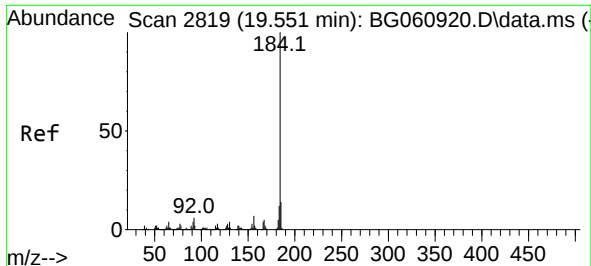
Tgt Ion:202 Resp: 1534116
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:240 Resp: 421245
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 26.1 21.1 31.7

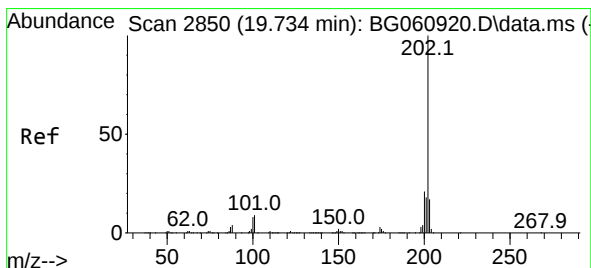
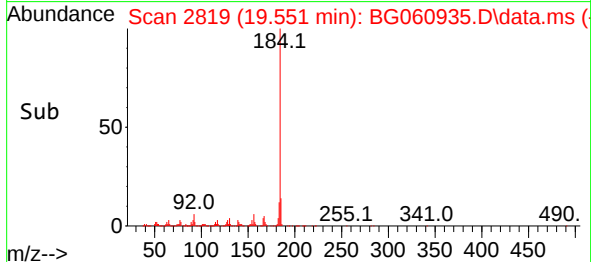
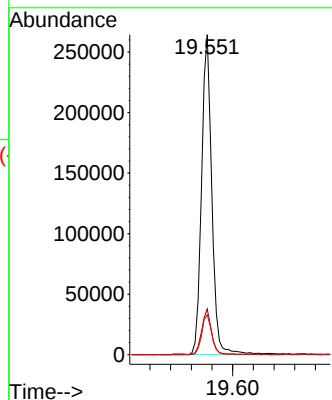
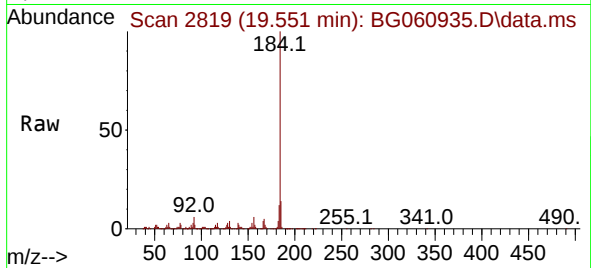




#77
Benzidine
Concen: 39.306 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

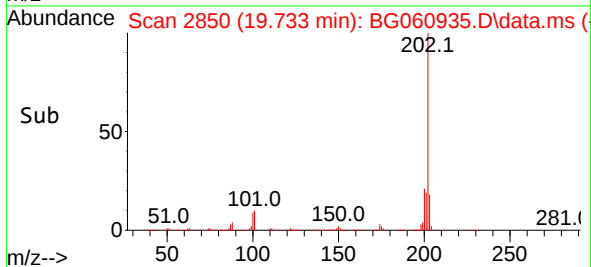
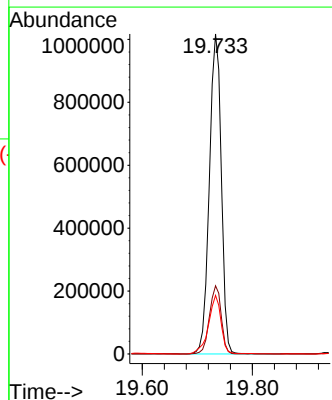
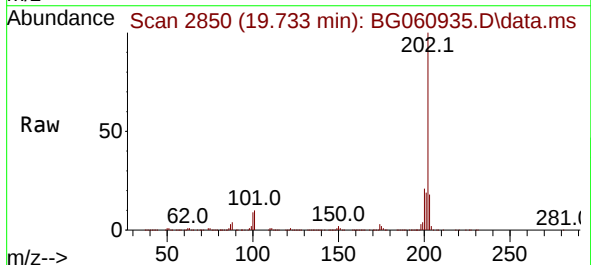
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MS

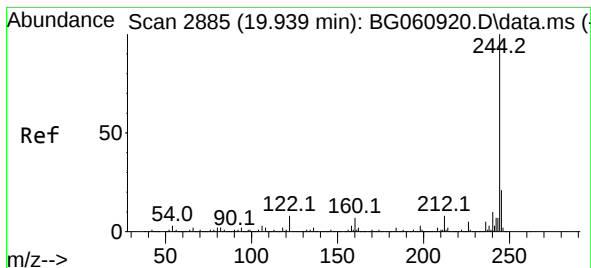
Tgt Ion:184 Resp: 365211
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.5 9.4 14.2



#78
Pyrene
Concen: 52.805 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG060935.D
Acq: 18 Apr 2024 13:58

Tgt Ion:202 Resp: 1525896
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.3 13.8 20.8





#79

Terphenyl-d14

Concen: 61.074 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

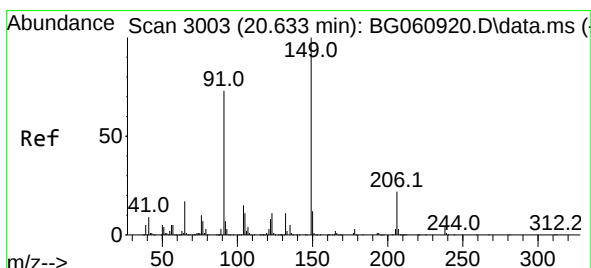
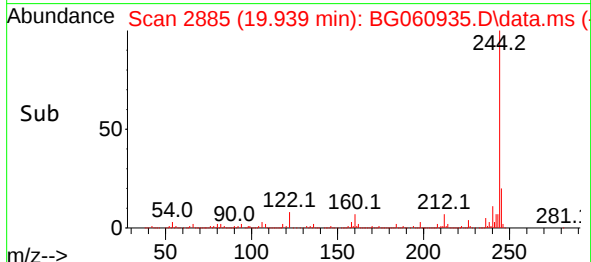
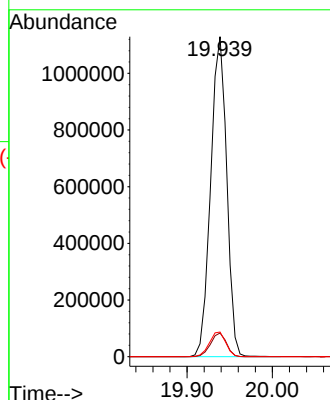
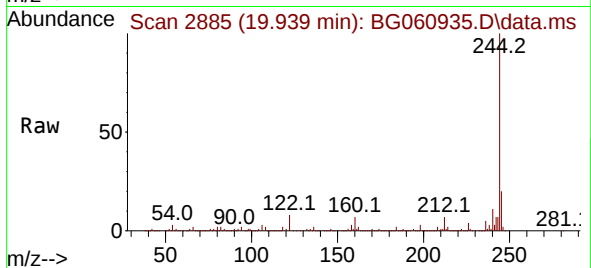
Tgt Ion:244 Resp: 1474143

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 7.7 6.6 9.8



#80

Butylbenzylphthalate

Concen: 42.883 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

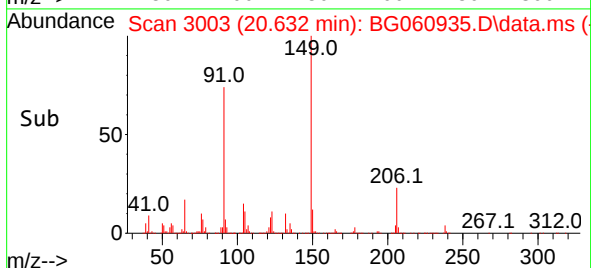
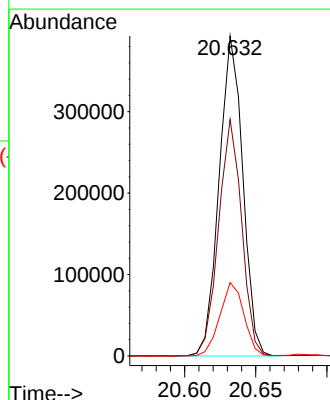
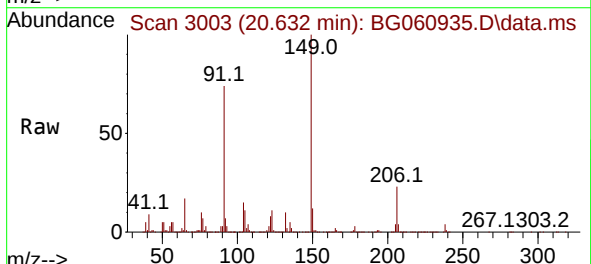
Tgt Ion:149 Resp: 455147

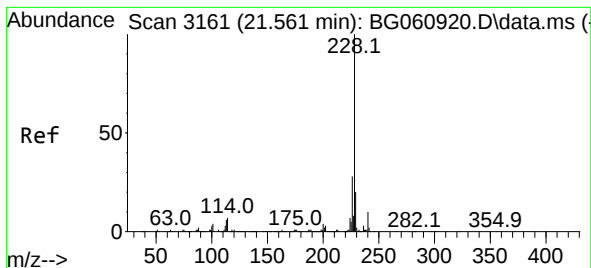
Ion Ratio Lower Upper

149 100

91 73.9 58.7 88.1

206 23.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 48.834 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

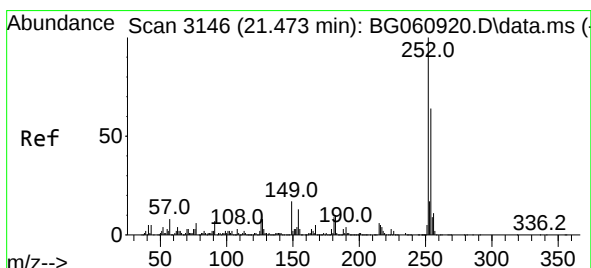
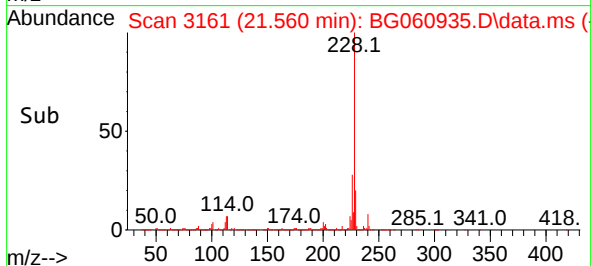
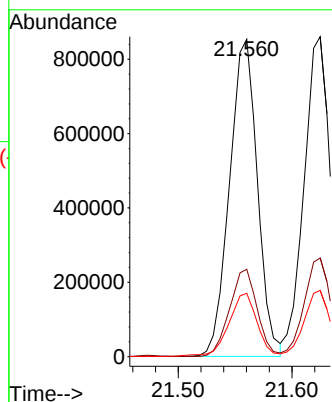
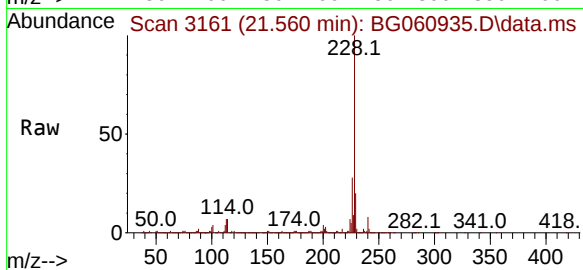
Tgt Ion:228 Resp: 1452623

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 22.225 ng

RT: 21.472 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

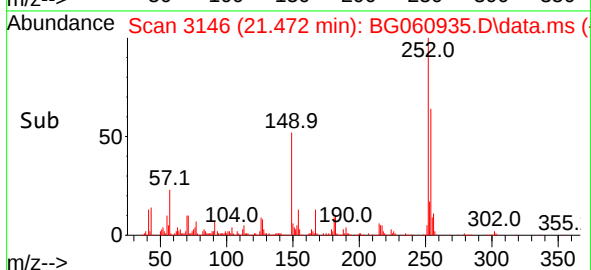
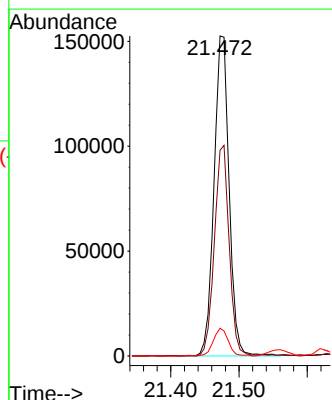
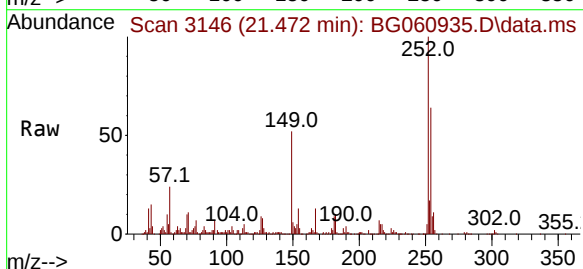
Tgt Ion:252 Resp: 235422

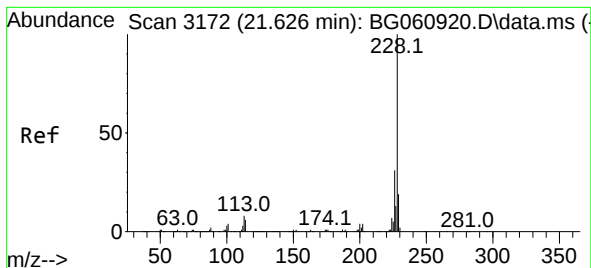
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 8.7 6.5 9.7





#83

Chrysene

Concen: 48.566 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

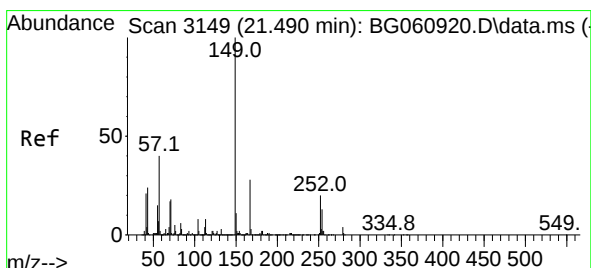
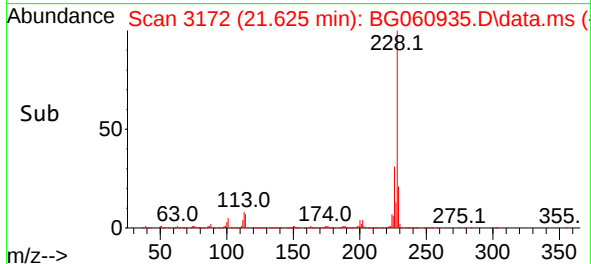
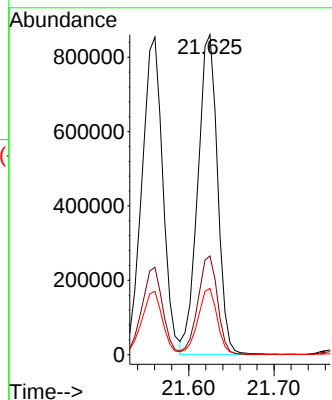
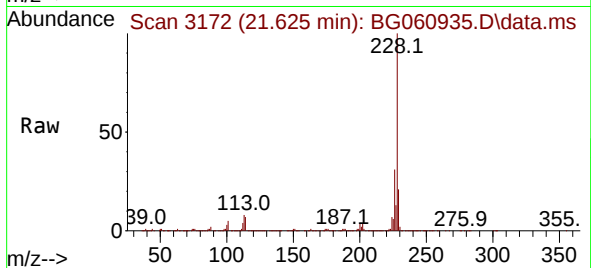
BNA_G

ClientSampleId :

ARCOLA-SP-1MS

Tgt Ion:228 Resp: 1379334

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.7	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.509 ng

RT: 21.490 min Scan# 3149

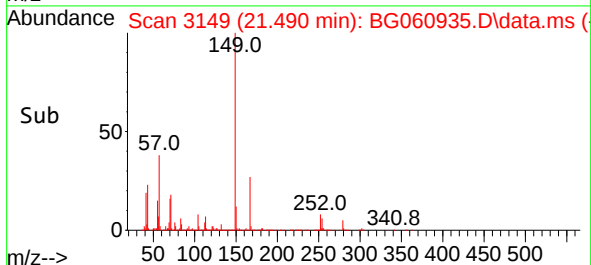
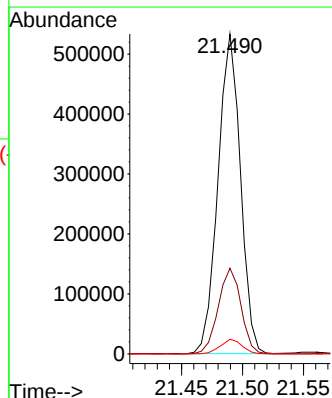
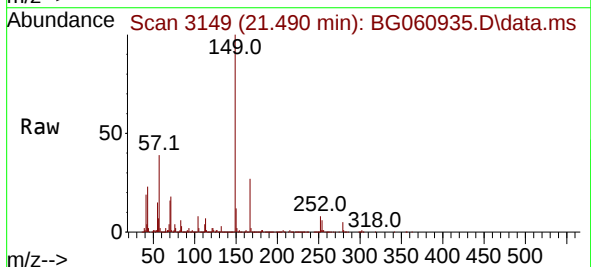
Delta R.T. -0.001 min

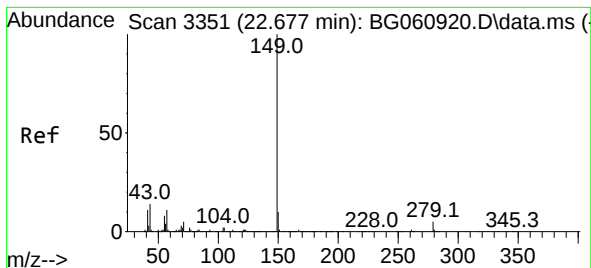
Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Tgt Ion:149 Resp: 682858

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 43.876 ng

RT: 22.677 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

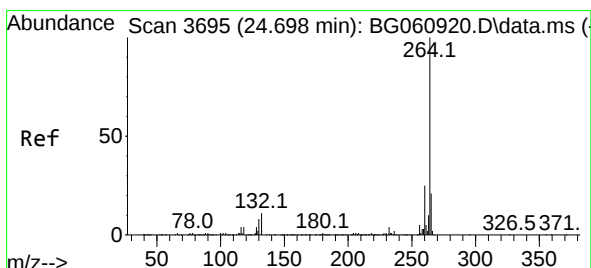
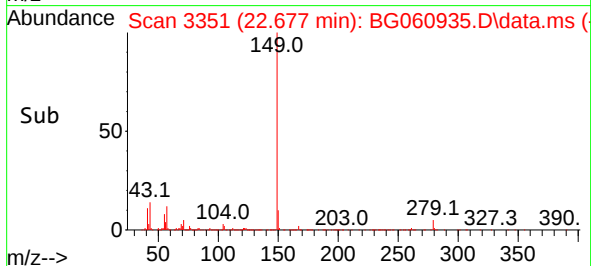
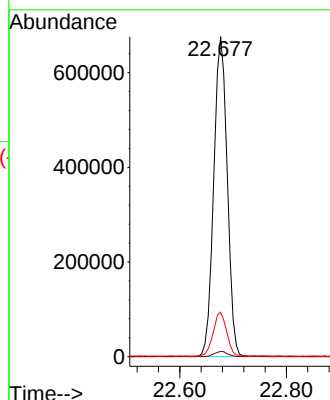
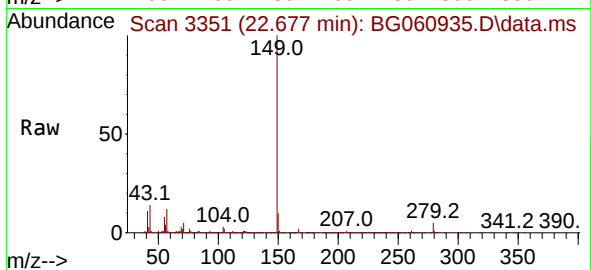
Tgt Ion:149 Resp: 1188165

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.6 11.2 16.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

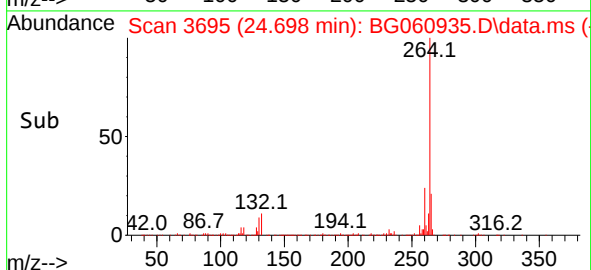
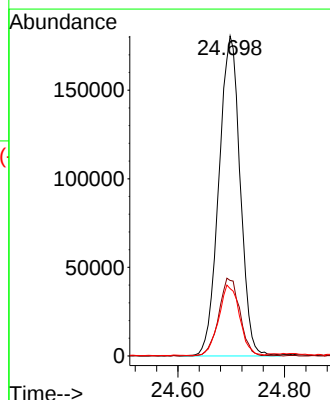
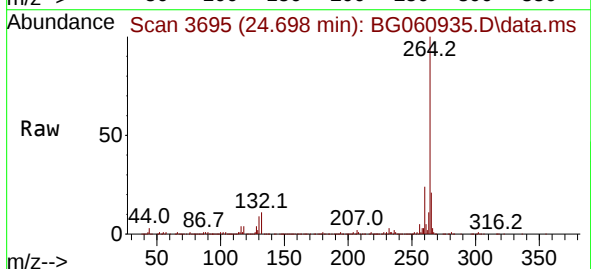
Tgt Ion:264 Resp: 501204

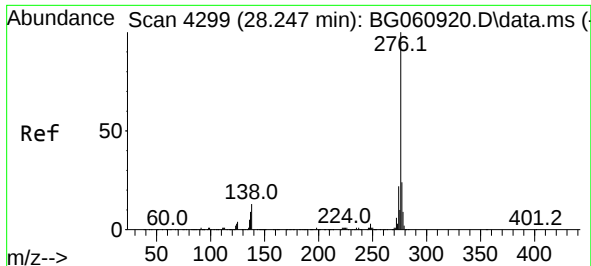
Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 21.1 16.6 25.0

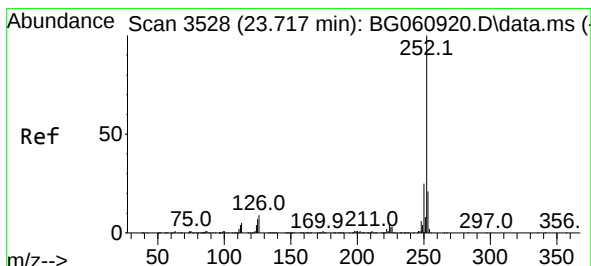
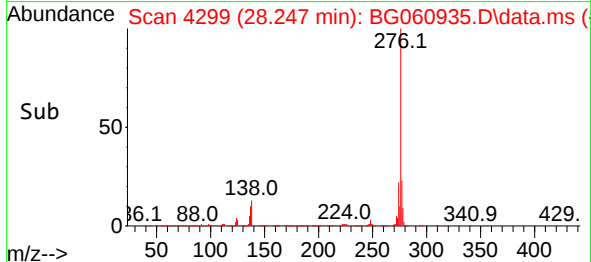
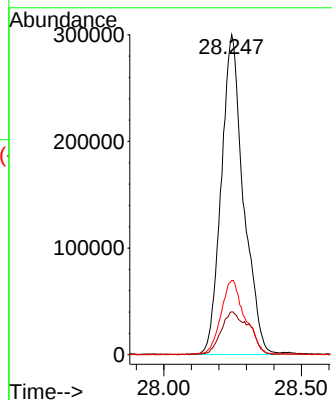
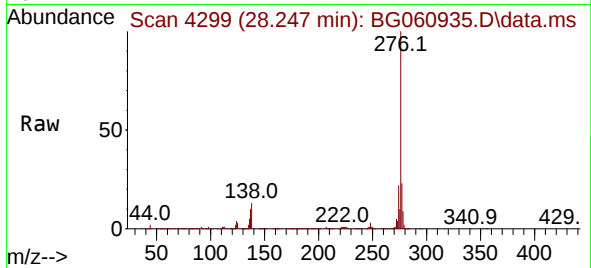




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.671 ng
 RT: 28.247 min Scan# 4299
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

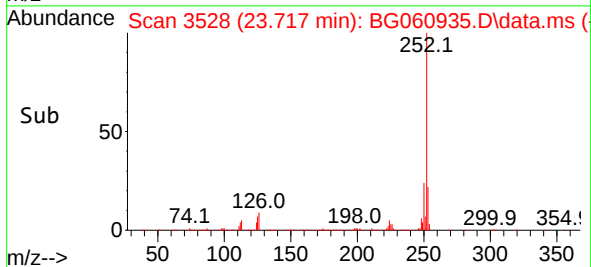
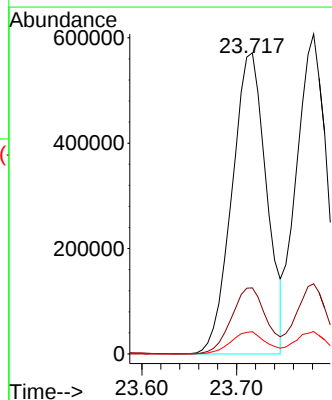
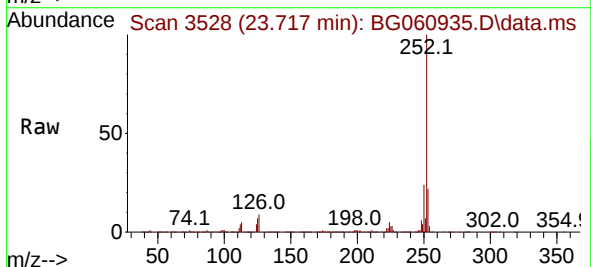
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

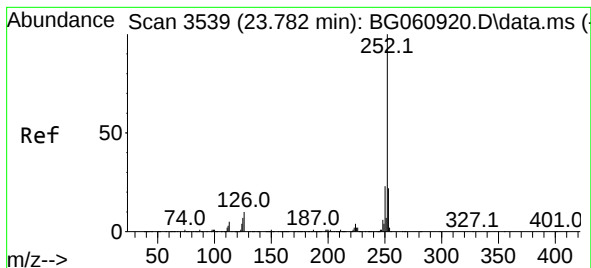
Tgt Ion:276 Resp: 1686886
 Ion Ratio Lower Upper
 276 100
 138 17.0 10.8 16.2#
 277 24.9 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 51.009 ng
 RT: 23.717 min Scan# 3528
 Delta R.T. -0.001 min
 Lab File: BG060935.D
 Acq: 18 Apr 2024 13:58

Tgt Ion:252 Resp: 1446487
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.8 25.2
 125 7.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 47.016 ng

RT: 23.781 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

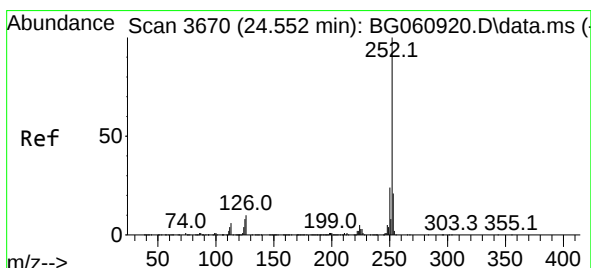
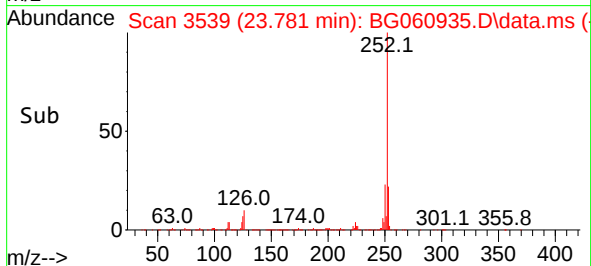
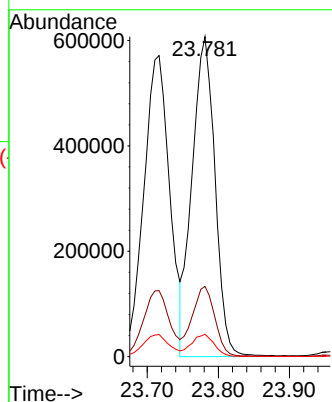
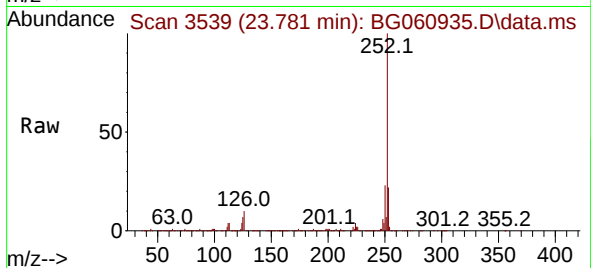
Tgt Ion:252 Resp: 1363947

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.0 5.8 8.8



#90

Benzo(a)pyrene

Concen: 47.354 ng

RT: 24.557 min Scan# 3671

Delta R.T. 0.005 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

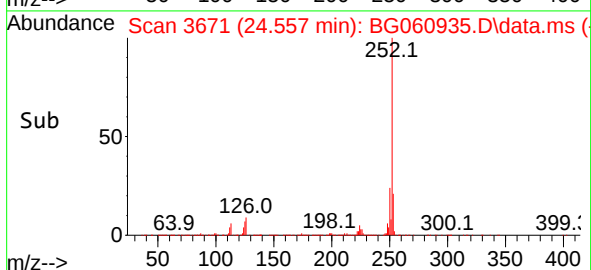
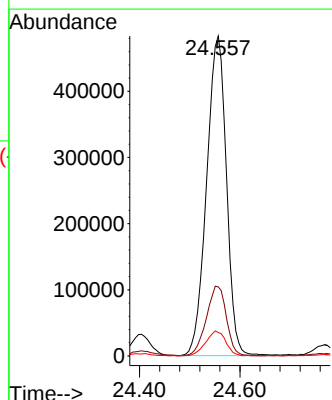
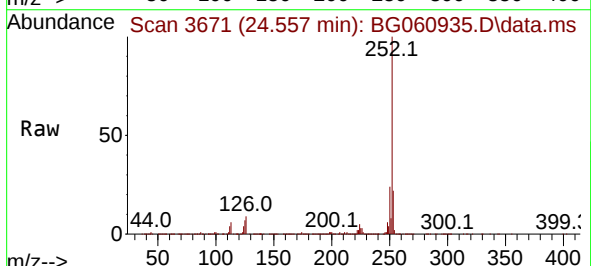
Tgt Ion:252 Resp: 1323952

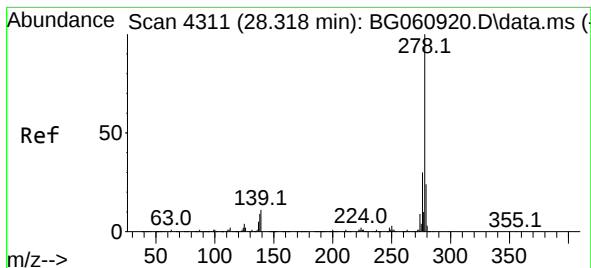
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 7.3 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 45.558 ng

RT: 28.311 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MS

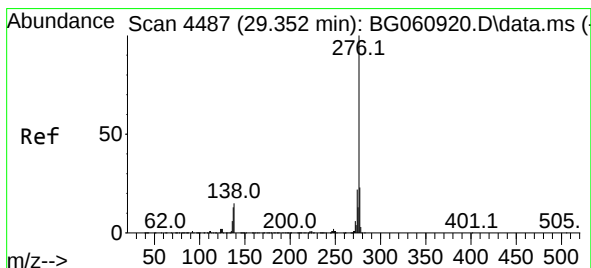
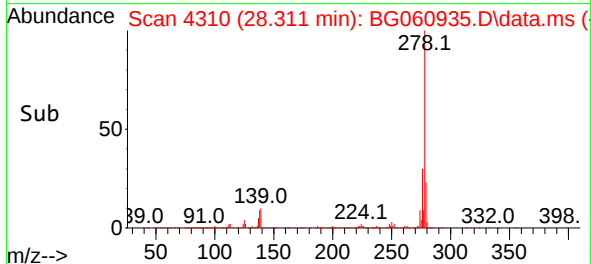
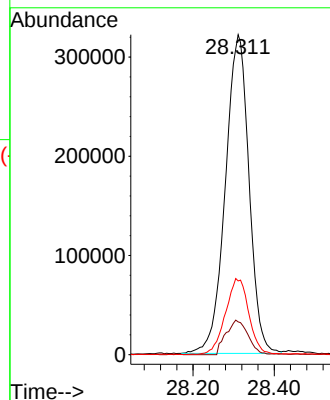
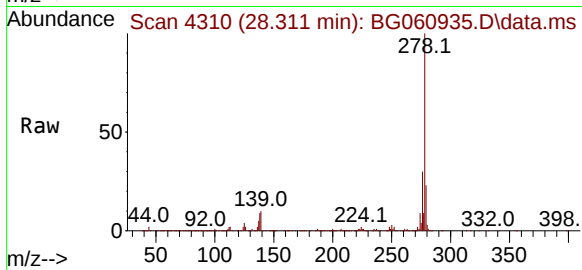
Tgt Ion:278 Resp: 1299729

Ion Ratio Lower Upper

278 100

139 10.3 8.6 12.8

279 23.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.666 ng

RT: 29.345 min Scan# 4486

Delta R.T. -0.007 min

Lab File: BG060935.D

Acq: 18 Apr 2024 13:58

Tgt Ion:276 Resp: 1301591

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 14.9 12.2 18.4

