

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060936.D
 Acq On : 18 Apr 2024 14:39
 Operator : MA/JU
 Sample : P2150-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MSD

Quant Time: Apr 18 15:18:26 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	7.942	152	56615	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	228542	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	181605	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	435850	20.000	ng	0.00
76) Chrysene-d12	21.573	240	418667	20.000	ng	0.00
86) Perylene-d12	24.693	264	495242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	334132	102.513	ng	0.00
7) Phenol-d6	7.108	99	487110	103.741	ng	0.00
23) Nitrobenzene-d5	9.093	82	322912	64.143	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	272159	90.714	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	793207	64.095	ng	0.00
79) Terphenyl-d14	19.940	244	1470445	61.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.447	88	51419	39.025	ng	99
3) Pyridine	3.835	79	136169	32.482	ng	97
4) n-Nitrosodimethylamine	3.753	42	105107	39.291	ng	99
6) Aniline	7.266	93	117770	20.586	ng	96
8) 2-Chlorophenol	7.507	128	169951	45.833	ng	97
9) Benzaldehyde	7.078	77	8807	3.493	ng	96
10) Phenol	7.137	94	231029	49.095	ng	99
11) bis(2-Chloroethyl)ether	7.366	93	152601	41.807	ng	98
12) 1,3-Dichlorobenzene	7.830	146	169723	43.079	ng	97
13) 1,4-Dichlorobenzene	7.977	146	174774	43.332	ng	96
14) 1,2-Dichlorobenzene	8.294	146	167633	42.741	ng	100
15) Benzyl Alcohol	8.177	79	166201	41.148	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.459	45	364600	41.332	ng	99
17) 2-Methylphenol	8.383	107	153419	41.262	ng	97
18) Hexachloroethane	9.023	117	62624	43.726	ng	93
19) n-Nitroso-di-n-propyla...	8.741	70	140026	39.151	ng	95
20) 3+4-Methylphenols	8.706	107	210407	40.790	ng	95
22) Acetophenone	8.759	105	265681	40.822	ng	# 97
24) Nitrobenzene	9.135	77	202415	40.969	ng	99
25) Isophorone	9.657	82	374124	40.271	ng	99
26) 2-Nitrophenol	9.845	139	91062	43.873	ng	98
27) 2,4-Dimethylphenol	9.910	122	129192	35.327	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	211468	40.482	ng	99
29) 2,4-Dichlorophenol	10.380	162	170974	43.091	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	179298	42.157	ng	98
31) Naphthalene	10.786	128	515892	41.738	ng	98
32) Benzoic acid	10.057	122	130419	44.058	ng	97
33) 4-Chloroaniline	10.885	127	63901	11.031	ng	98
34) Hexachlorobutadiene	11.079	225	129804	42.932	ng	95
35) Caprolactam	11.655	113	38105	26.029	ng	# 88
36) 4-Chloro-3-methylphenol	12.019	107	204343	42.611	ng	97
37) 2-Methylnaphthalene	12.390	142	372702	39.859	ng	98
38) 1-Methylnaphthalene	12.613	142	349000	39.536	ng	99
40) 1,2,4,5-Tetrachloroben...	12.760	216	250004	44.612	ng	99
41) Hexachlorocyclopentadiene	12.748	237	268574	93.727	ng	99
43) 2,4,6-Trichlorophenol	13.001	196	174694	44.829	ng	99

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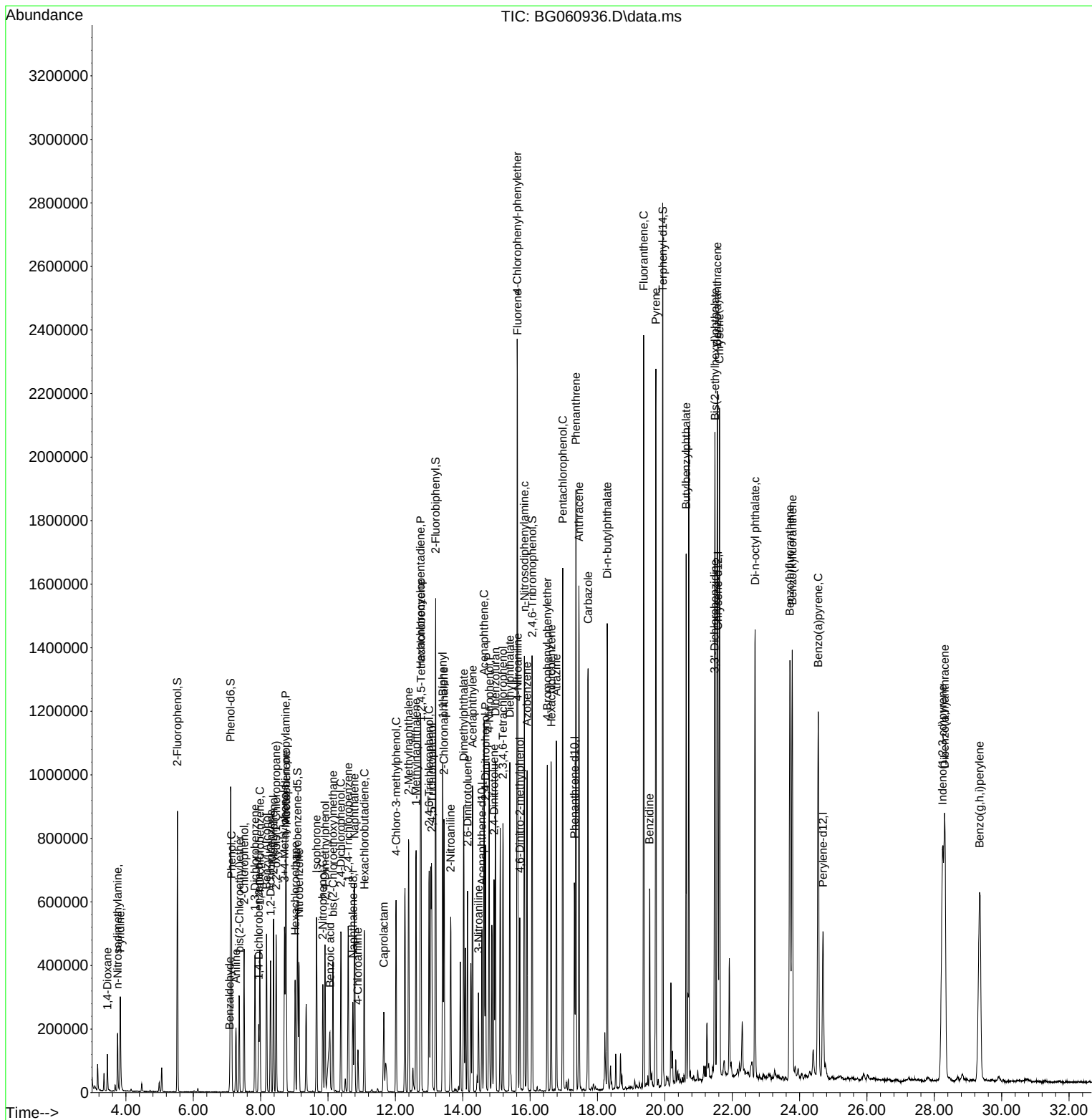
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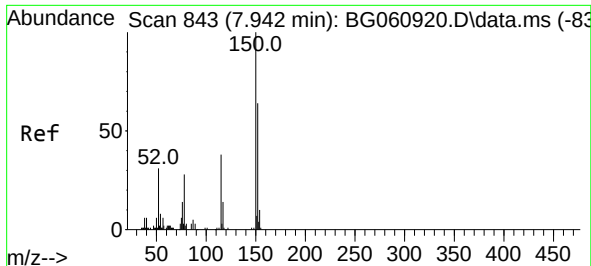
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	194496	41.386	ng	98
46) 1,1'-Biphenyl	13.406	154	542727	43.952	ng	98
47) 2-Chloronaphthalene	13.441	162	425710	45.045	ng	99
48) 2-Nitroaniline	13.641	65	165144	42.582	ng	97
49) Acenaphthylene	14.293	152	721979	45.177	ng	99
50) Dimethylphthalate	14.029	163	586153	40.674	ng	100
51) 2,6-Dinitrotoluene	14.140	165	123601	42.081	ng	95
52) Acenaphthene	14.634	154	422786	43.621	ng	98
53) 3-Nitroaniline	14.470	138	69452	21.540	ng	98
54) 2,4-Dinitrophenol	14.675	184	164431	87.112	ng	91
55) Dibenzofuran	14.969	168	689675	42.124	ng	98
56) 4-Nitrophenol	14.787	139	220599	89.361	ng	93
57) 2,4-Dinitrotoluene	14.928	165	182672	43.522	ng	98
58) Fluorene	15.621	166	571305	42.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	182497	42.271	ng	99
60) Diethylphthalate	15.398	149	584009	40.460	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	303901	40.369	ng	97
62) 4-Nitroaniline	15.633	138	130934	37.768	ng	98
63) Azobenzene	15.909	77	557947	41.013	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	116419	47.877	ng	98
66) n-Nitrosodiphenylamine	15.827	169	516000	43.127	ng	99
67) 4-Bromophenyl-phenylether	16.508	248	211749	43.368	ng	97
68) Hexachlorobenzene	16.626	284	242272	45.601	ng	99
69) Atrazine	16.779	200	202792	47.161	ng	98
70) Pentachlorophenol	16.967	266	324197	90.104	ng	99
71) Phenanthrene	17.360	178	1171304	53.093	ng	99
72) Anthracene	17.448	178	999906	44.124	ng	98
73) Carbazole	17.719	167	868235	43.975	ng	100
74) Di-n-butylphthalate	18.289	149	1011868	42.569	ng	99
75) Fluoranthene	19.370	202	1512263	53.855	ng	99
77) Benzidine	19.546	184	385276	41.721	ng	98
78) Pyrene	19.734	202	1507215	52.480	ng	100
80) Butylbenzylphthalate	20.633	149	447727	42.444	ng	99
81) Benzo(a)anthracene	21.555	228	1440283	48.717	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	257586	24.467	ng	100
83) Chrysene	21.620	228	1347197	47.726	ng	99
84) Bis(2-ethylhexyl)phtha...	21.491	149	668583	42.862	ng	97
85) Di-n-octyl phthalate	22.678	149	1153776	42.868	ng	100
87) Indeno(1,2,3-cd)pyrene	28.242	276	1643188	47.981	ng	99
88) Benzo(b)fluoranthene	23.712	252	1432265	51.115	ng	98
89) Benzo(k)fluoranthene	23.782	252	1319348	46.026	ng	99
90) Benzo(a)pyrene	24.552	252	1293449	46.820	ng	98
91) Dibenzo(a,h)anthracene	28.306	278	1267756	44.972	ng	100
92) Benzo(g,h,i)perylene	29.340	276	1278652	46.396	ng	99

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

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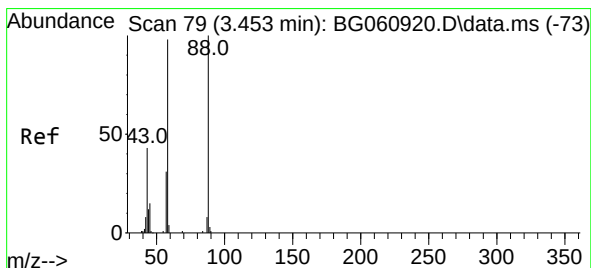
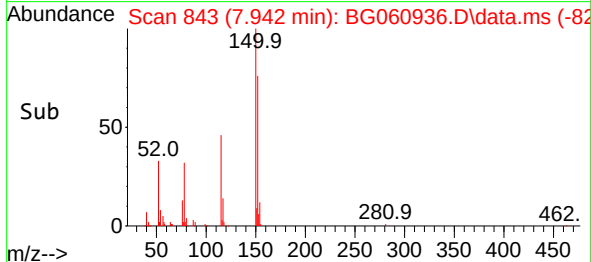
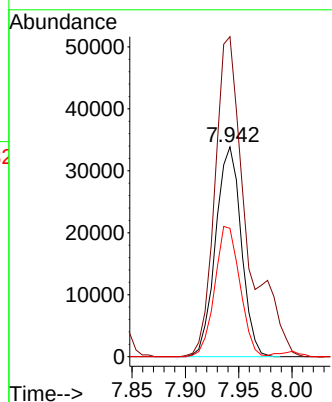
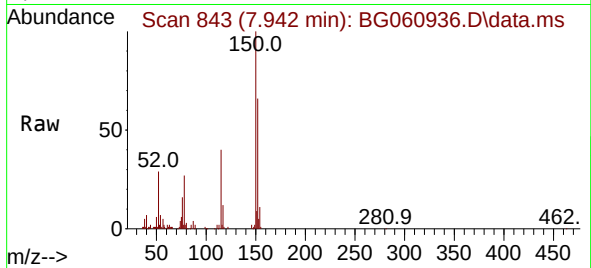




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG060936.D
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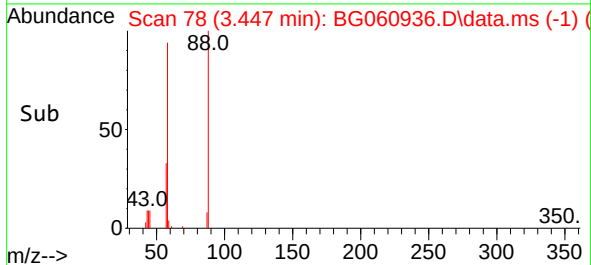
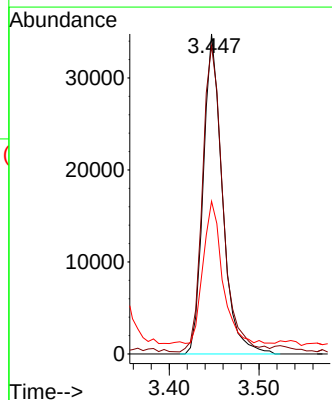
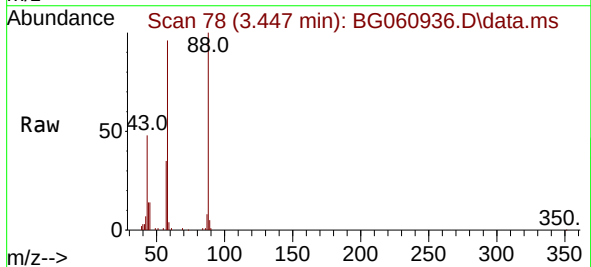
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

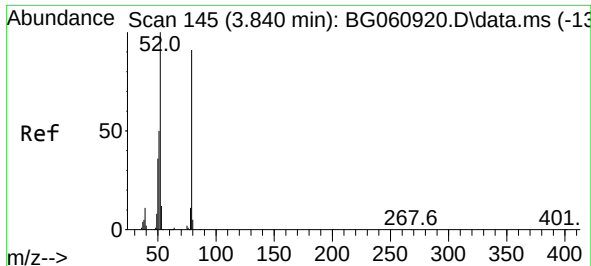
Tgt Ion:152 Resp: 56615
Ion Ratio Lower Upper
152 100
150 152.5 125.6 188.4
115 61.2 47.1 70.7



#2
1,4-Dioxane
Concen: 39.025 ng
RT: 3.447 min Scan# 78
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 88 Resp: 51419
Ion Ratio Lower Upper
88 100
58 102.3 82.1 123.1
43 45.0 35.2 52.8





#3

Pyridine

Concen: 32.482 ng

RT: 3.835 min Scan# 14

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

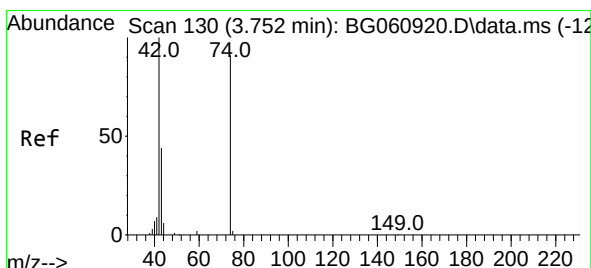
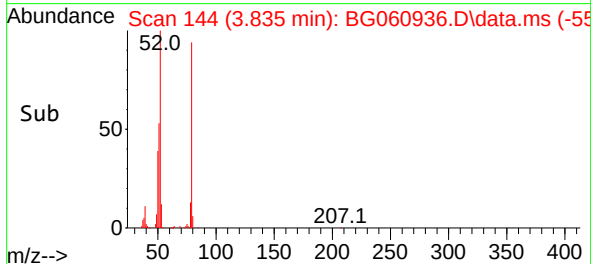
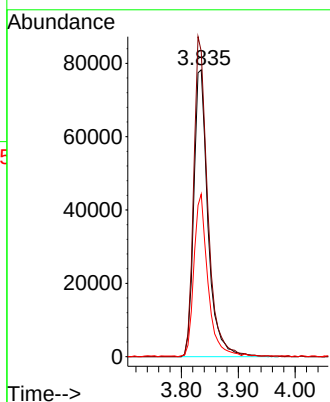
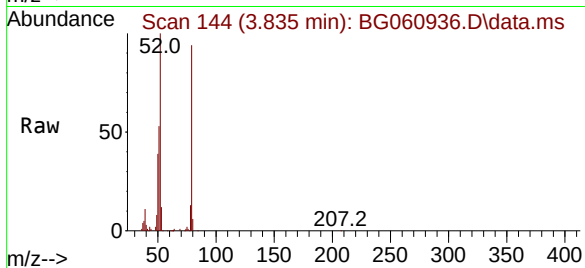
Tgt Ion: 79 Resp: 136169

Ion Ratio Lower Upper

79 100

52 106.4 87.8 131.8

51 56.6 44.1 66.1



#4

n-Nitrosodimethylamine

Concen: 39.291 ng

RT: 3.753 min Scan# 130

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

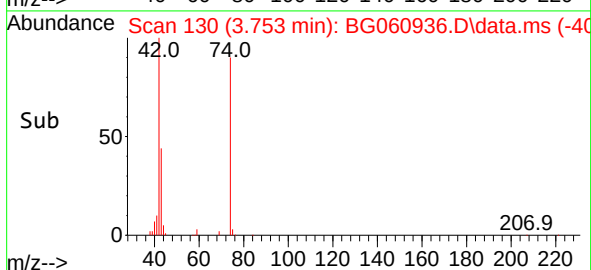
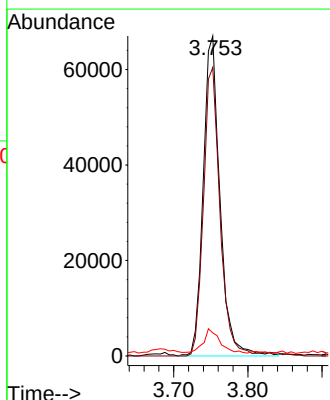
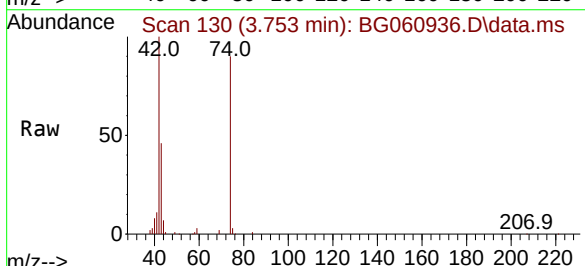
Tgt Ion: 42 Resp: 105107

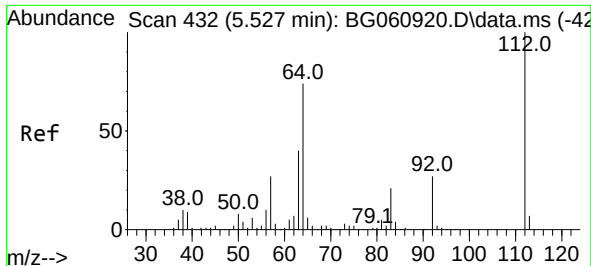
Ion Ratio Lower Upper

42 100

74 90.1 73.2 109.8

44 7.2 5.6 8.4

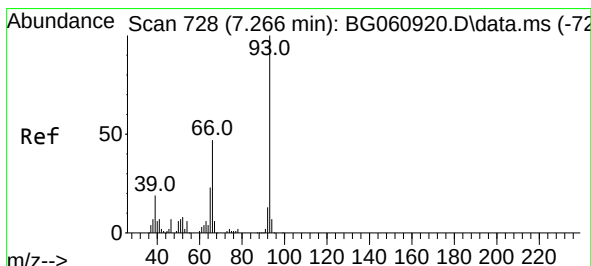
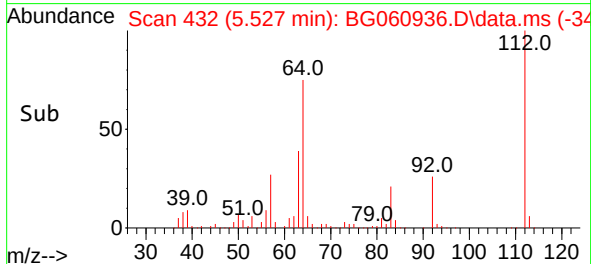
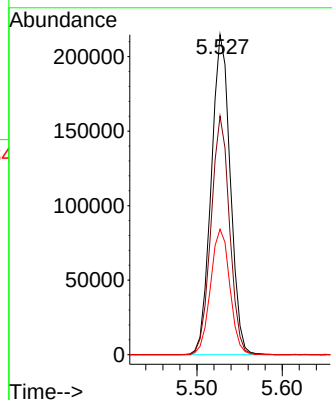
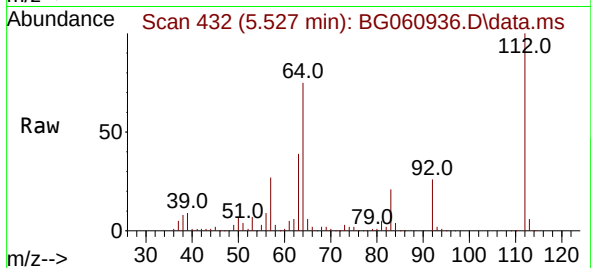




#5
2-Fluorophenol
Concen: 102.513 ng
RT: 5.527 min Scan# 432
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

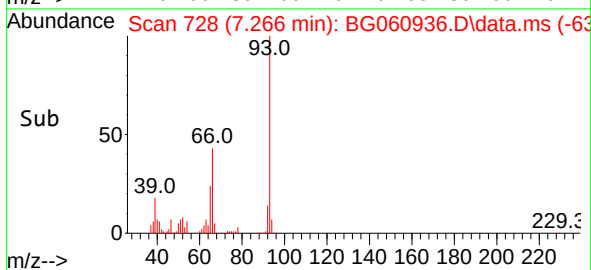
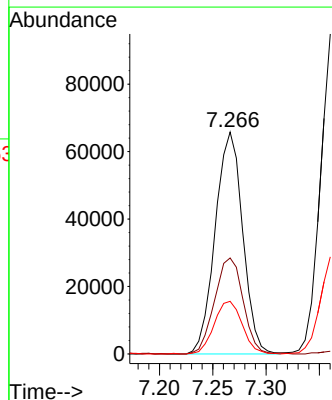
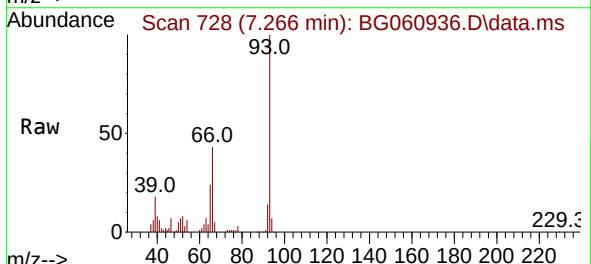
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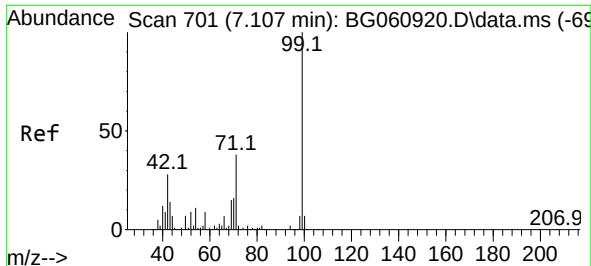
Tgt Ion:112 Resp: 334132
Ion Ratio Lower Upper
112 100
64 74.6 58.9 88.3
63 39.2 32.1 48.1



#6
Aniline
Concen: 20.586 ng
RT: 7.266 min Scan# 728
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 93 Resp: 117770
Ion Ratio Lower Upper
93 100
66 43.2 37.8 56.8
65 23.7 18.7 28.1

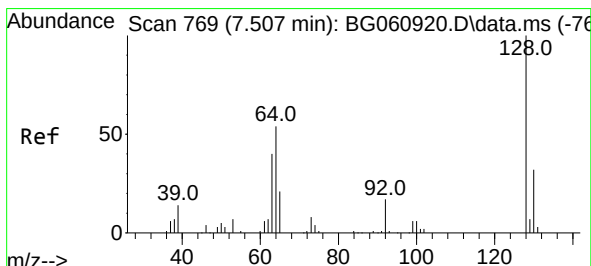
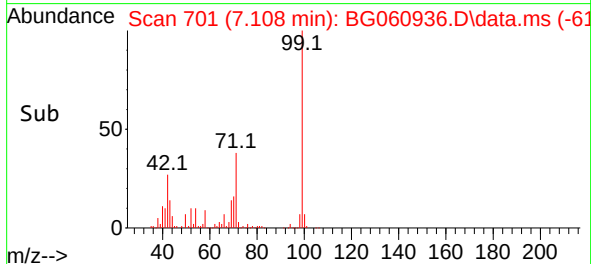
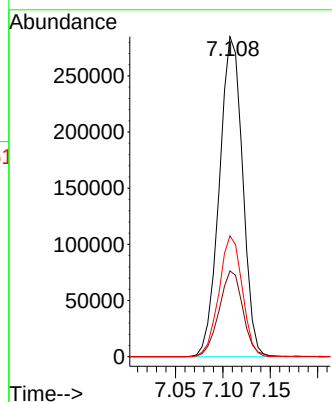
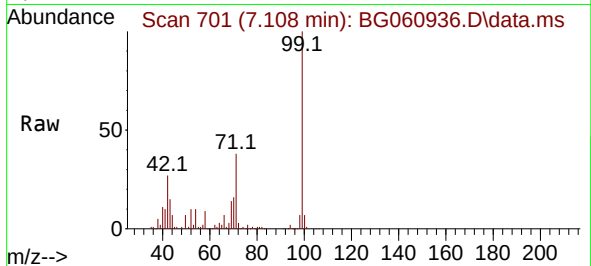




#7
Phenol-d6
Concen: 103.741 ng
RT: 7.108 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

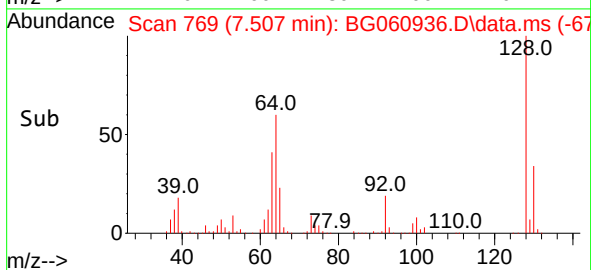
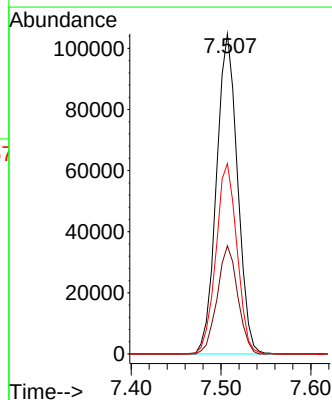
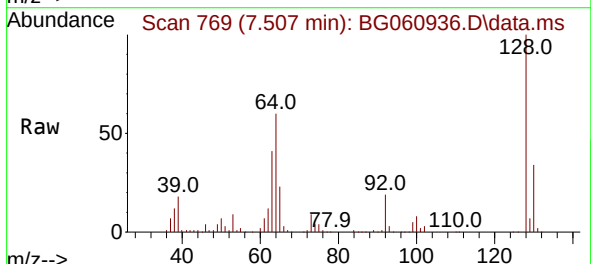
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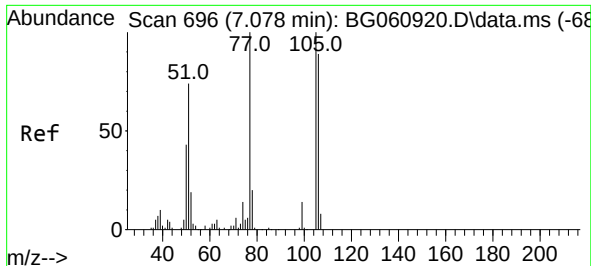
Tgt Ion: 99 Resp: 487110
Ion Ratio Lower Upper
99 100
42 26.8 22.2 33.2
71 37.8 30.5 45.7



#8
2-Chlorophenol
Concen: 45.833 ng
RT: 7.507 min Scan# 769
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:128 Resp: 169951
Ion Ratio Lower Upper
128 100
130 33.8 11.7 51.7
64 59.5 37.8 77.8

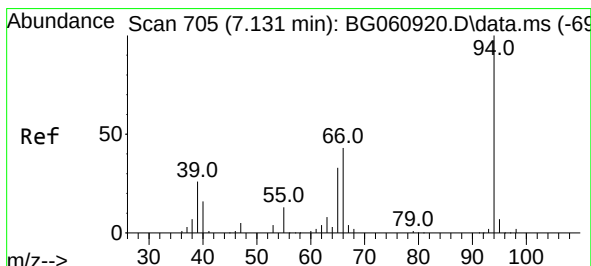
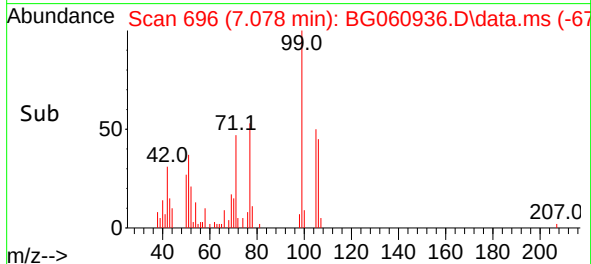
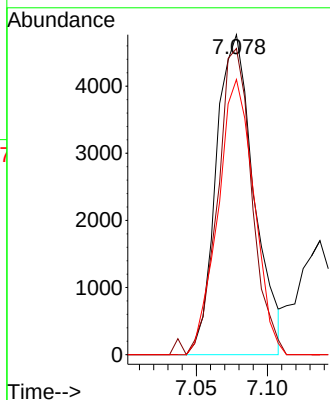
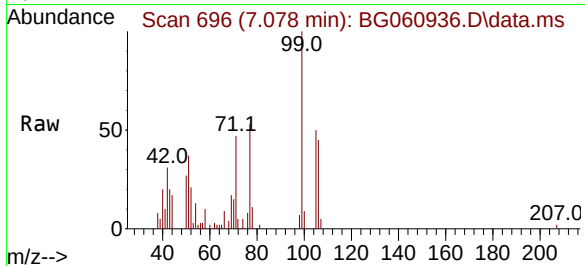




#9
Benzaldehyde
Concen: 3.493 ng
RT: 7.078 min Scan# 696
Delta R.T. 0.000 min
Lab File: BG060936.D
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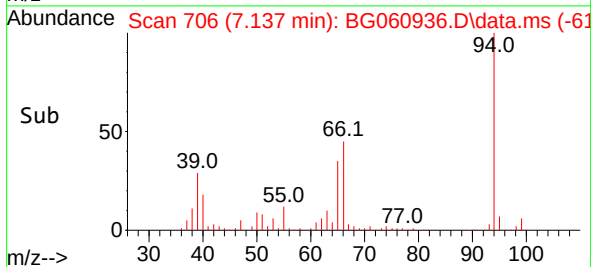
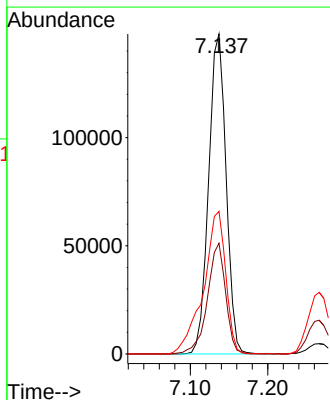
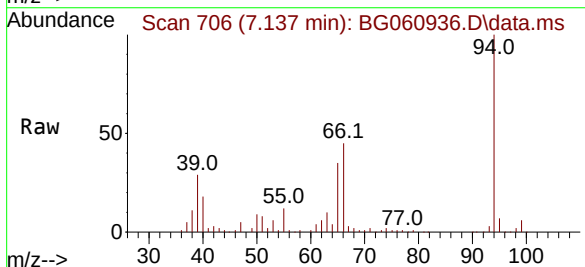
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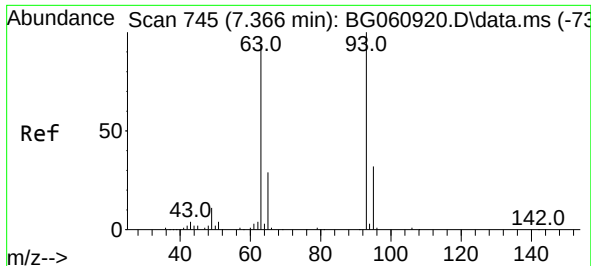
Tgt Ion: 77 Resp: 8807
Ion Ratio Lower Upper
77 100
105 95.7 79.9 119.9
106 86.0 69.3 109.3



#10
Phenol
Concen: 49.095 ng
RT: 7.137 min Scan# 706
Delta R.T. 0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 94 Resp: 231029
Ion Ratio Lower Upper
94 100
65 34.6 13.6 53.6
66 44.6 24.3 64.3

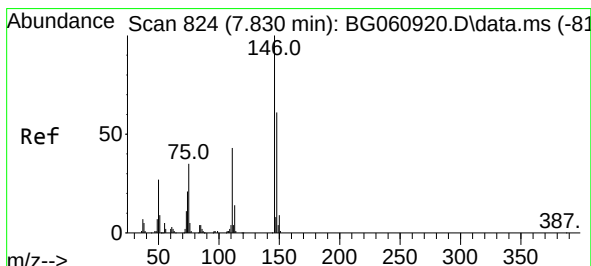
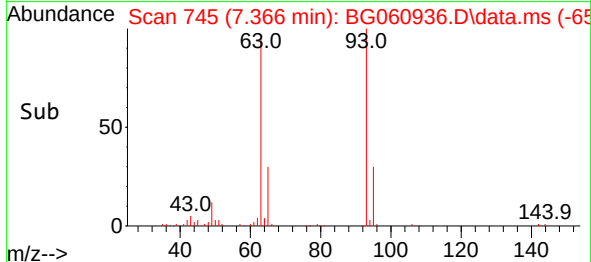
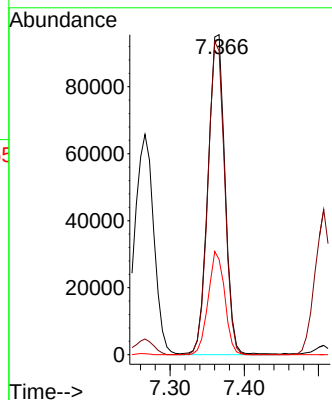
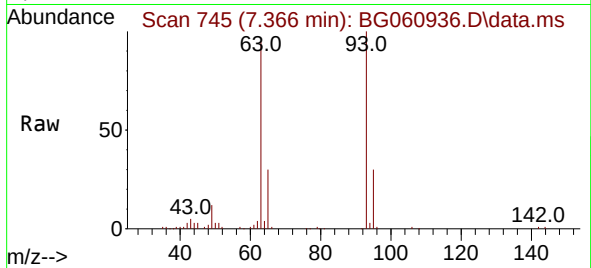




#11
bis(2-Chloroethyl)ether
Concen: 41.807 ng
RT: 7.366 min Scan# 745
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

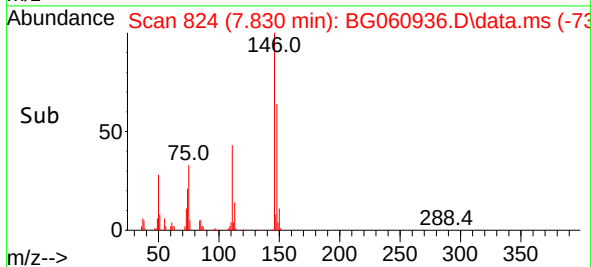
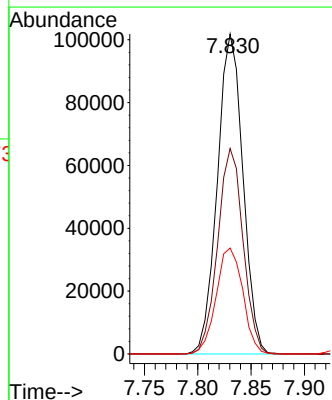
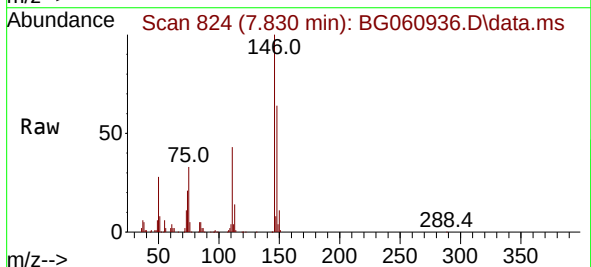
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

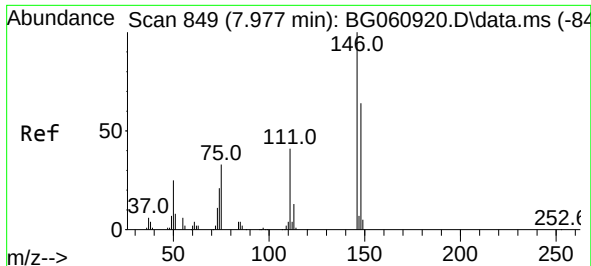
Tgt Ion: 93 Resp: 152601
Ion Ratio Lower Upper
93 100
63 94.9 74.0 114.0
95 29.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.079 ng
RT: 7.830 min Scan# 824
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:146 Resp: 169723
Ion Ratio Lower Upper
146 100
148 64.2 49.0 73.6
75 33.1 27.8 41.6

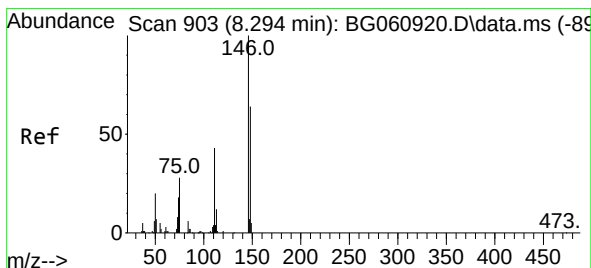
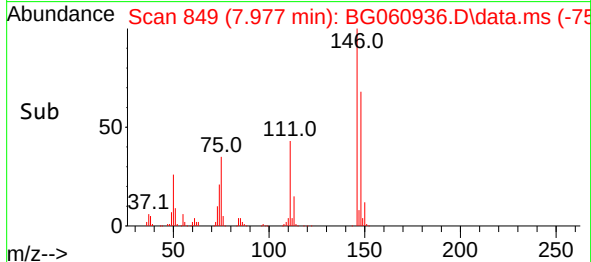
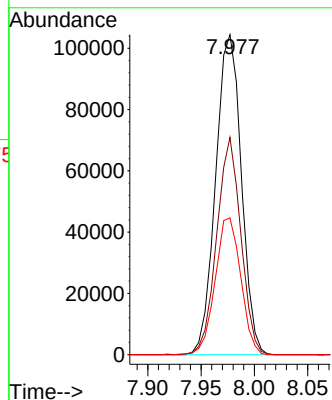
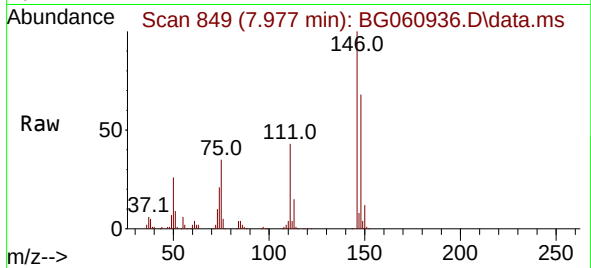




#13
1,4-Dichlorobenzene
Concen: 43.332 ng
RT: 7.977 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

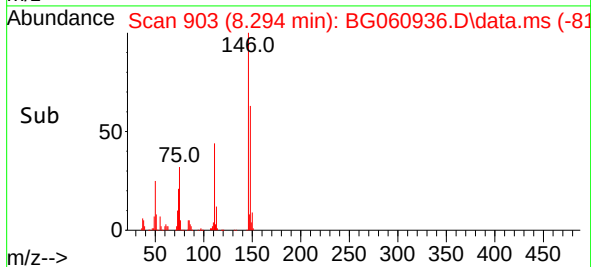
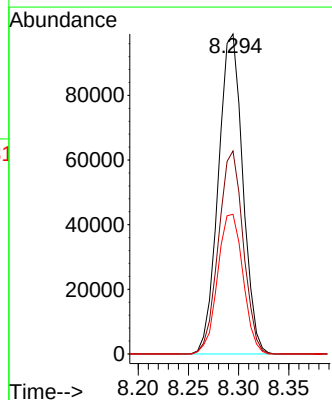
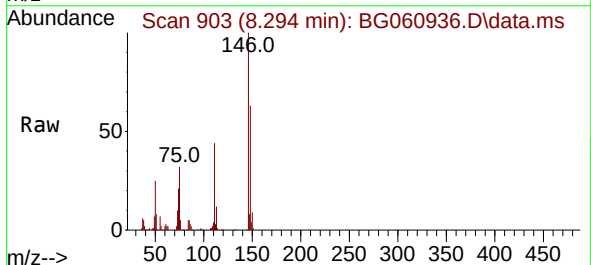
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

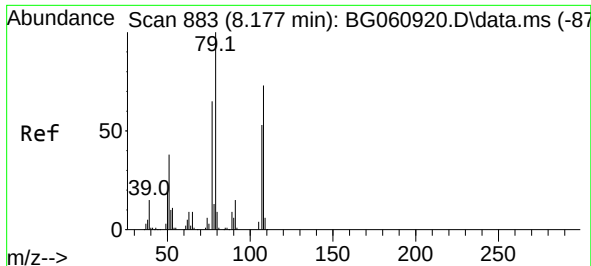
Tgt Ion:146 Resp: 174774
Ion Ratio Lower Upper
146 100
148 67.9 51.4 77.2
111 42.7 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 42.741 ng
RT: 8.294 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:146 Resp: 167633
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 43.6 35.2 52.8

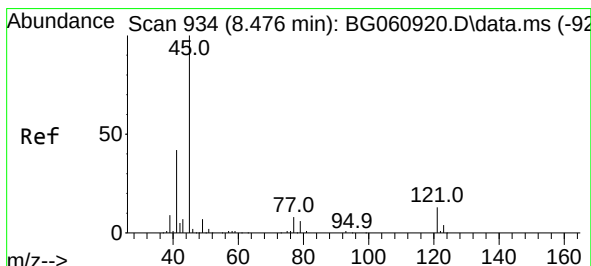
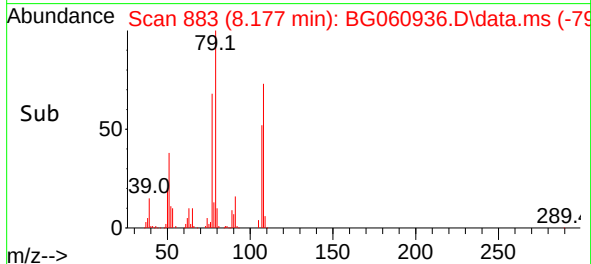
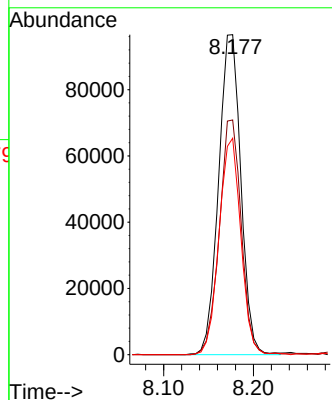
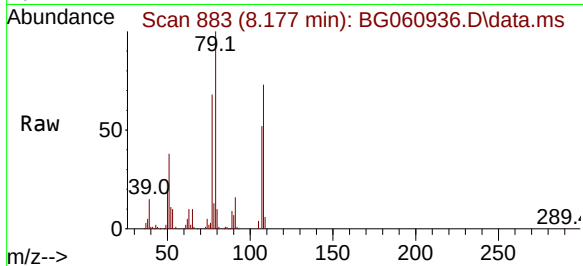




#15
Benzyl Alcohol
Concen: 41.148 ng
RT: 8.177 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

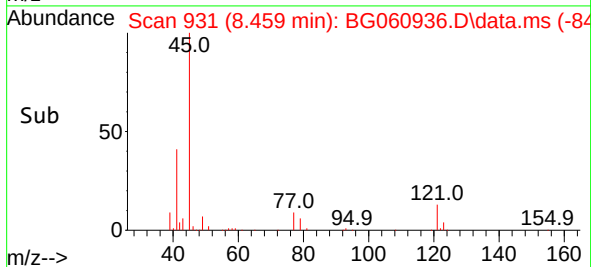
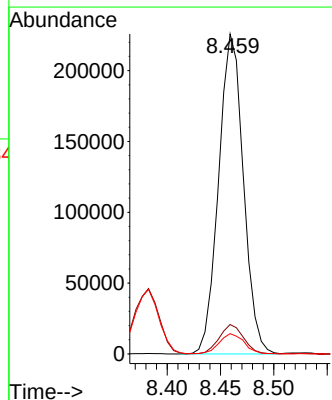
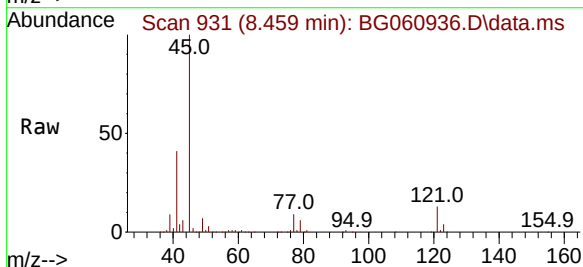
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

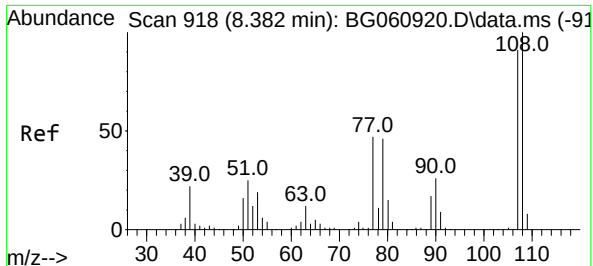
Tgt Ion: 79 Resp: 166201
Ion Ratio Lower Upper
79 100
108 73.3 58.6 87.8
77 67.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.332 ng
RT: 8.459 min Scan# 931
Delta R.T. -0.017 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 45 Resp: 364600
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 6.4 0.0 27.2

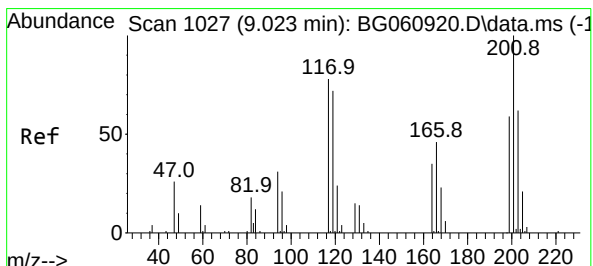
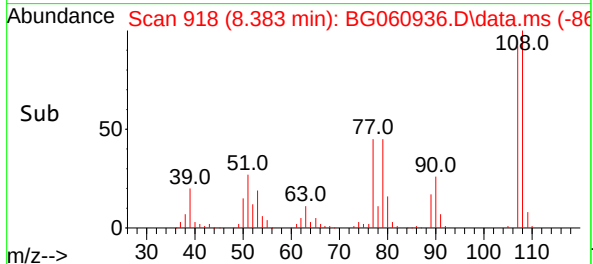
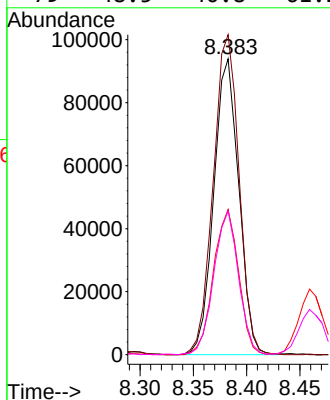
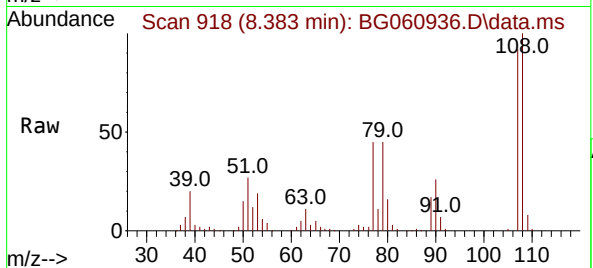




#17
2-Methylphenol
Concen: 41.262 ng
RT: 8.383 min Scan# 918
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

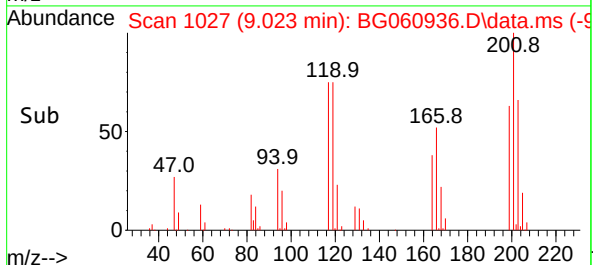
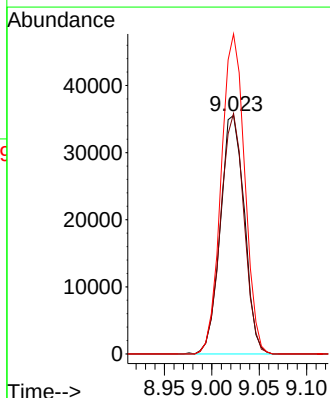
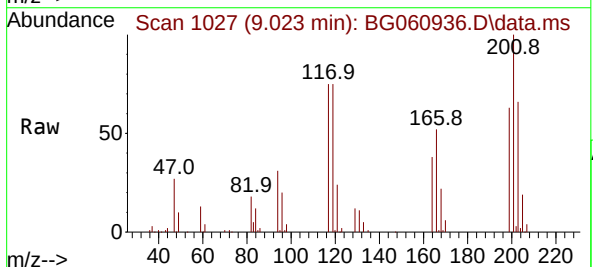
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

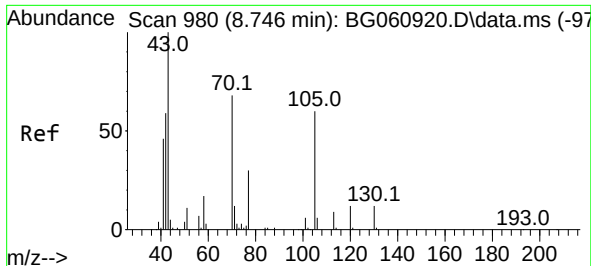
Tgt Ion:	107	Resp:	153419
Ion	Ratio	Lower	Upper
107	100		
108	108.2	88.3	132.5
77	49.1	41.4	62.0
79	48.5	40.8	61.2



#18
Hexachloroethane
Concen: 43.726 ng
RT: 9.023 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:	117	Resp:	62624
Ion	Ratio	Lower	Upper
117	100		
119	100.8	73.8	110.6
201	134.2	102.9	154.3



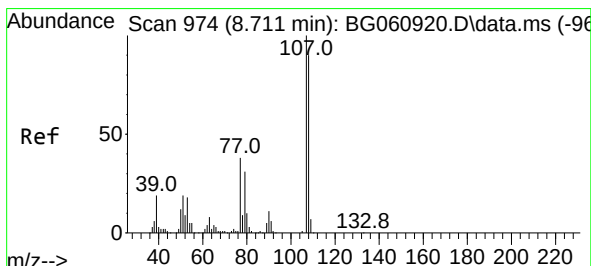
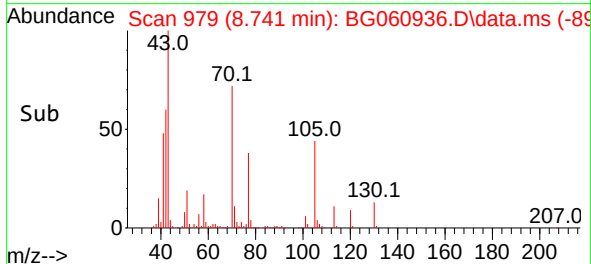
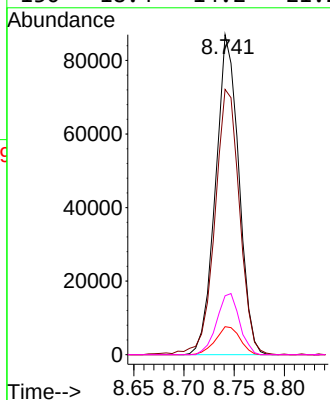
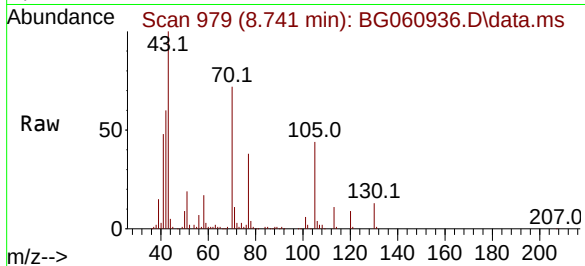


#19
n-Nitroso-di-n-propylamine
Concen: 39.151 ng
RT: 8.741 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Tgt Ion: 70 Resp: 140026

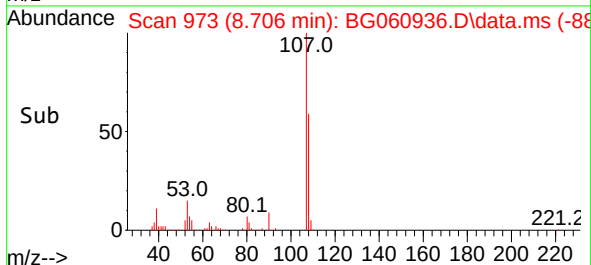
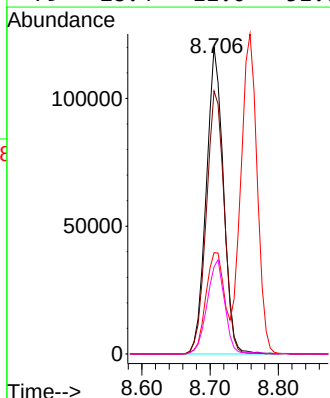
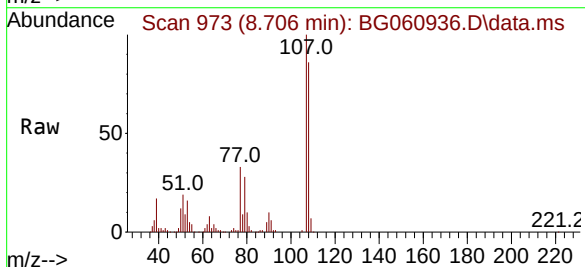
Ion	Ratio	Lower	Upper
70	100		
42	82.9	70.9	106.3
101	8.8	7.0	10.4
130	18.4	14.2	21.2

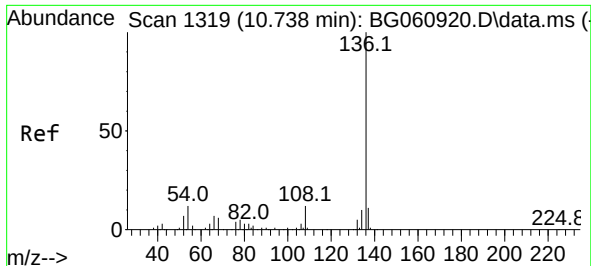


#20
3+4-Methylphenols
Concen: 40.790 ng
RT: 8.706 min Scan# 973
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 107 Resp: 210407

Ion	Ratio	Lower	Upper
107	100		
108	85.7	69.9	109.9
77	33.0	17.5	57.5
79	28.4	11.0	51.0

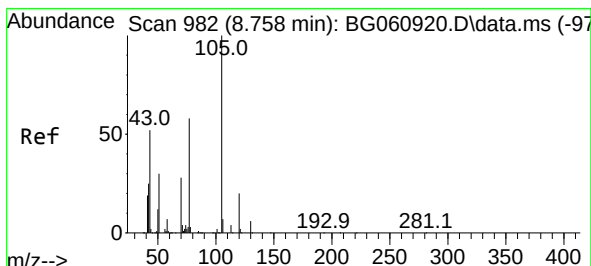
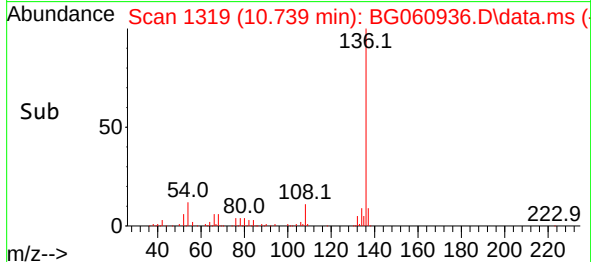
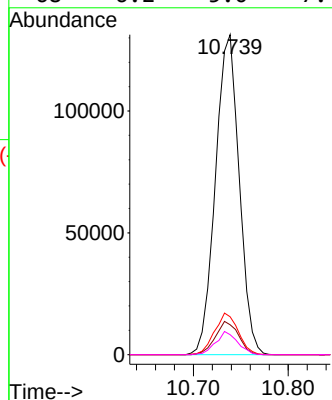
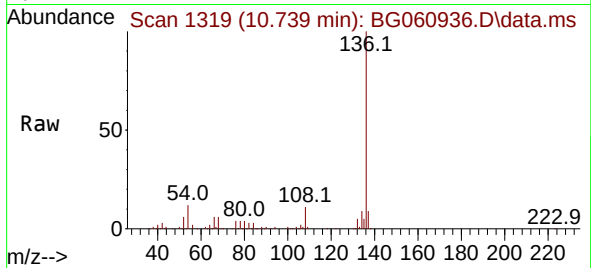




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

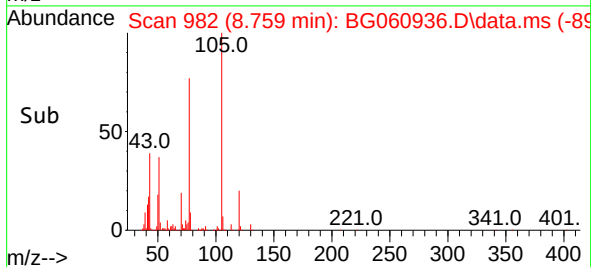
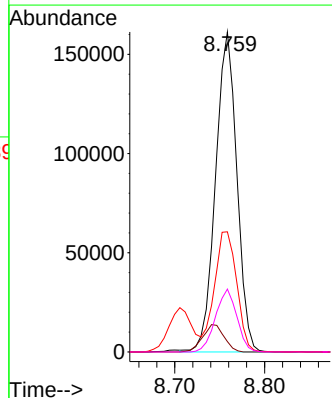
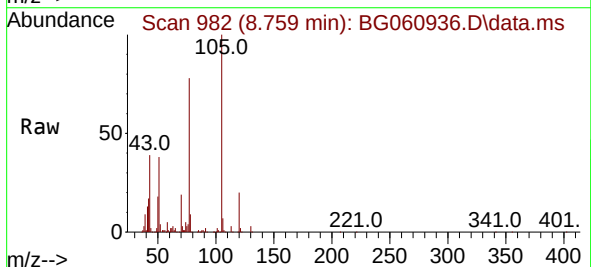
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

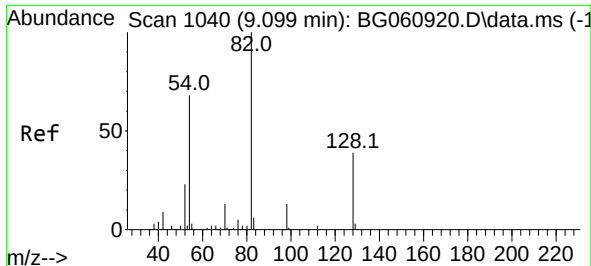
Tgt Ion:	136	Resp:	228542
Ion Ratio	Lower	Upper	
136	100		
137	9.3	8.8	13.2
54	11.8	9.8	14.8
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 40.822 ng
RT: 8.759 min Scan# 982
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:	105	Resp:	265681
Ion Ratio	Lower	Upper	
105	100		
71	3.3	3.8	5.6#
51	37.6	32.1	48.1
120	19.6	16.1	24.1





#23

Nitrobenzene-d5

Concen: 64.143 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

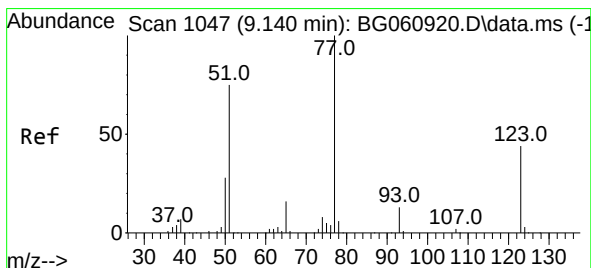
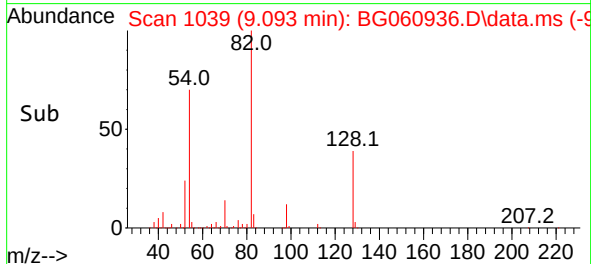
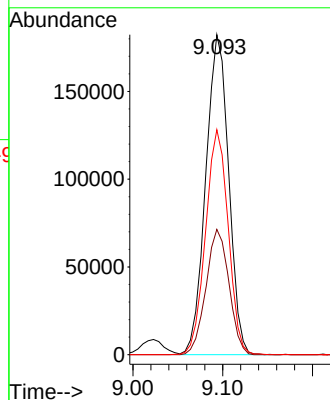
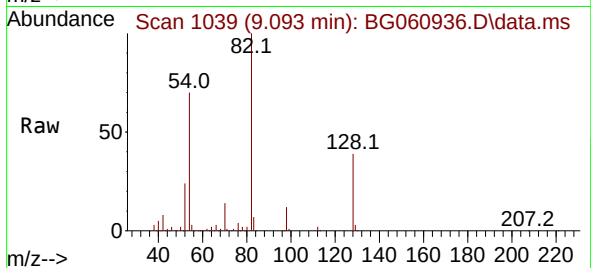
Tgt Ion: 82 Resp: 322912

Ion Ratio Lower Upper

82 100

128 39.2 31.4 47.0

54 70.3 54.2 81.4



#24

Nitrobenzene

Concen: 40.969 ng

RT: 9.135 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

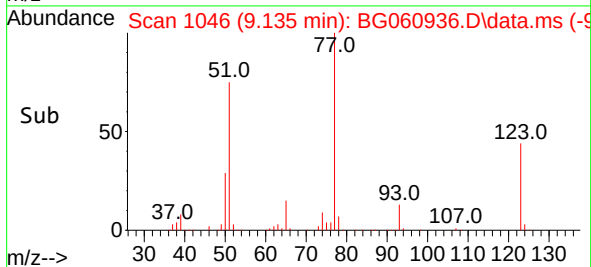
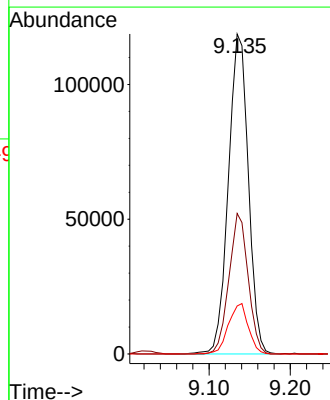
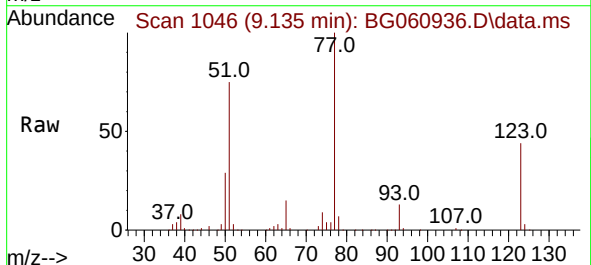
Tgt Ion: 77 Resp: 202415

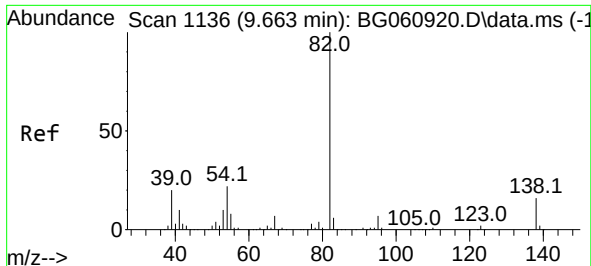
Ion Ratio Lower Upper

77 100

123 43.9 34.8 52.2

65 15.0 12.6 19.0

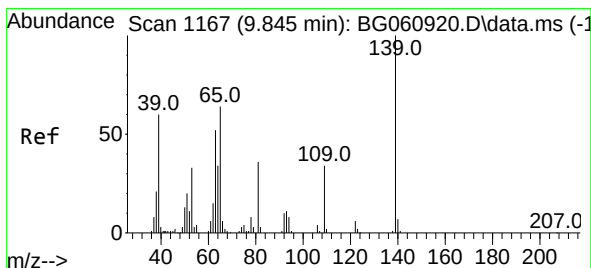
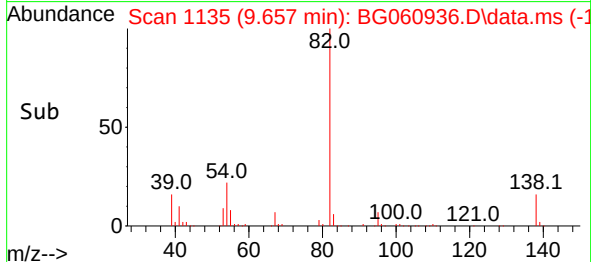
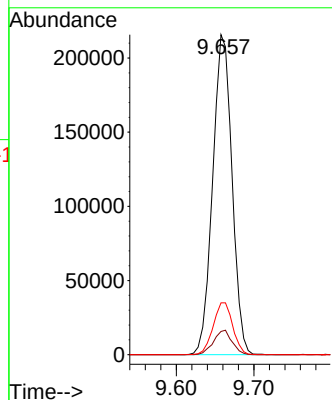
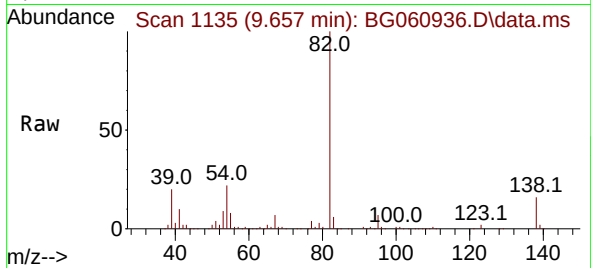




#25
Isophorone
Concen: 40.271 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

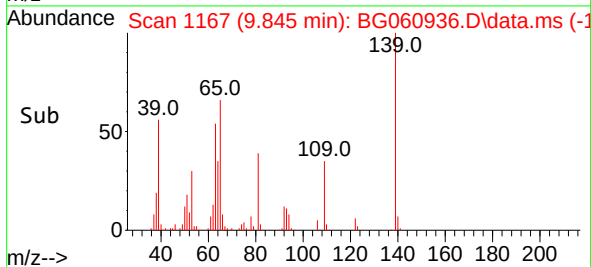
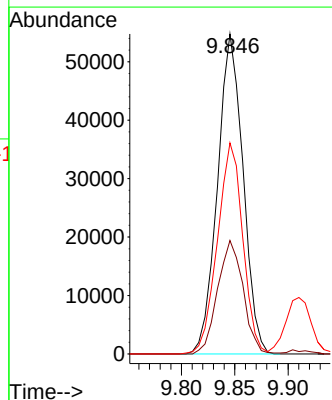
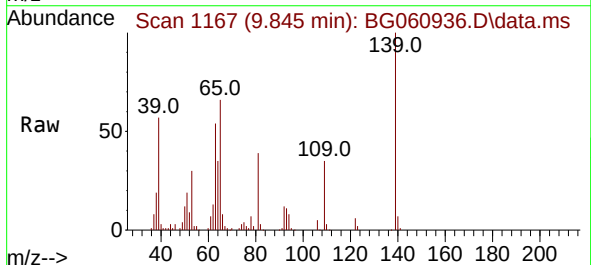
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

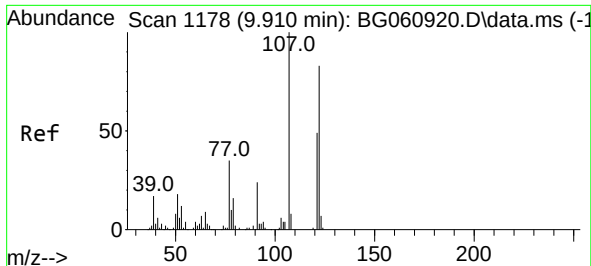
Tgt Ion: 82 Resp: 374124
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.2 12.7 19.1



#26
2-Nitrophenol
Concen: 43.873 ng
RT: 9.845 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:139 Resp: 91062
Ion Ratio Lower Upper
139 100
109 35.4 26.9 40.3
65 65.9 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 35.327 ng

RT: 9.910 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

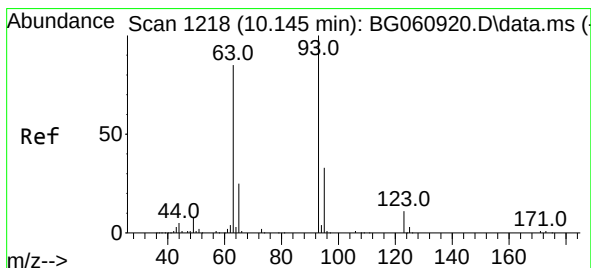
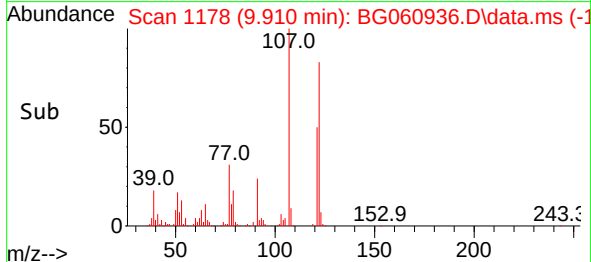
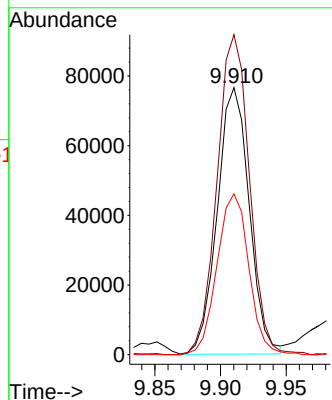
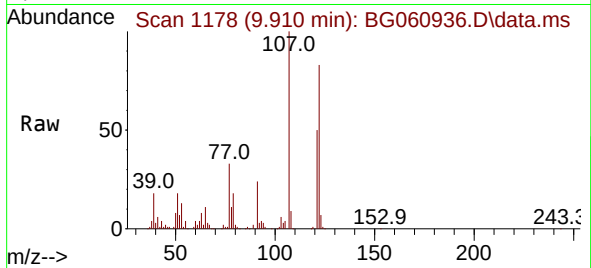
Tgt Ion:122 Resp: 129192

Ion Ratio Lower Upper

122 100

107 119.8 96.6 144.8

121 60.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.482 ng

RT: 10.145 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

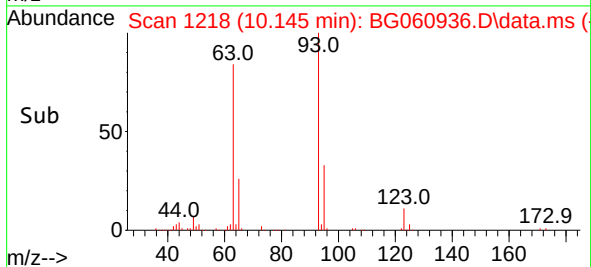
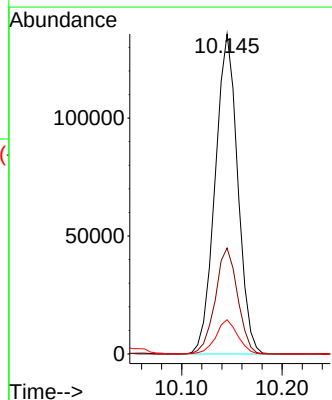
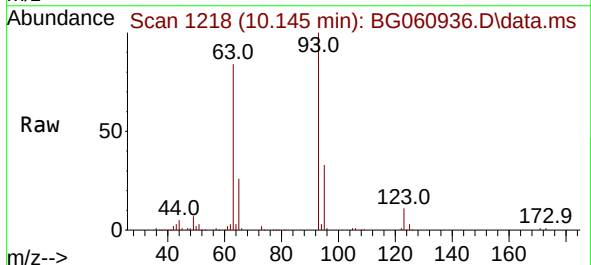
Tgt Ion: 93 Resp: 211468

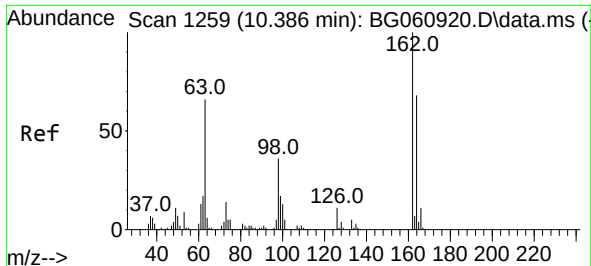
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.091 ng

RT: 10.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

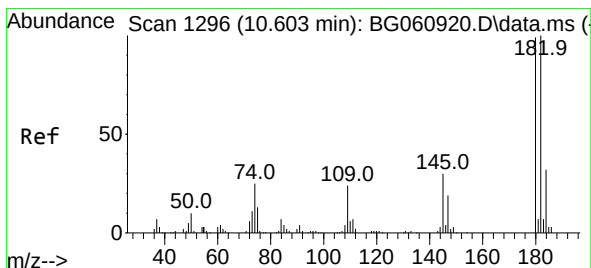
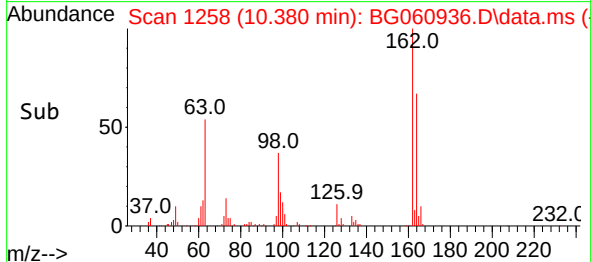
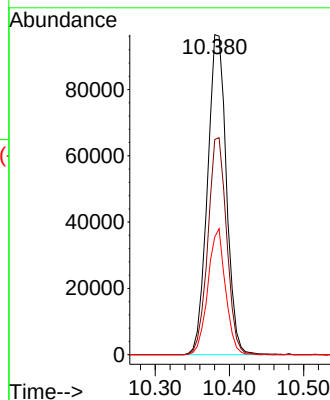
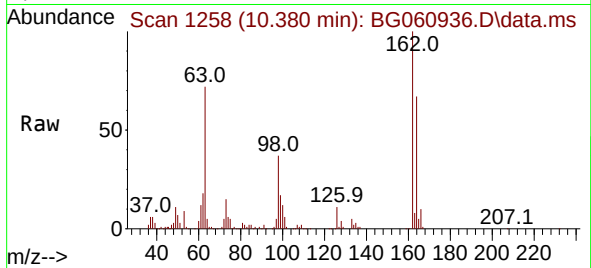
Tgt Ion:162 Resp: 170974

Ion Ratio Lower Upper

162 100

164 67.2 48.1 88.1

98 36.8 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 42.157 ng

RT: 10.598 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

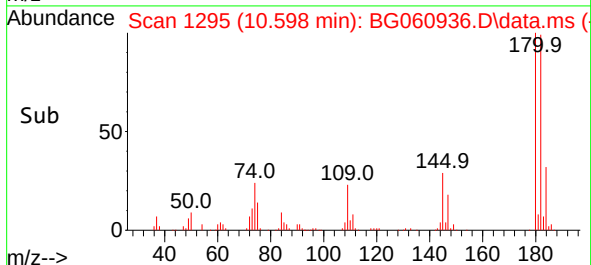
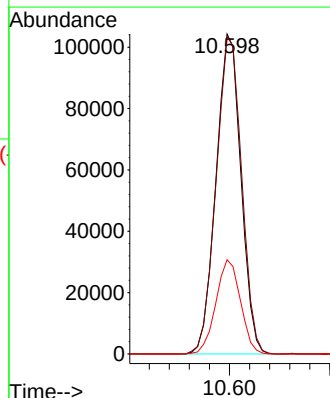
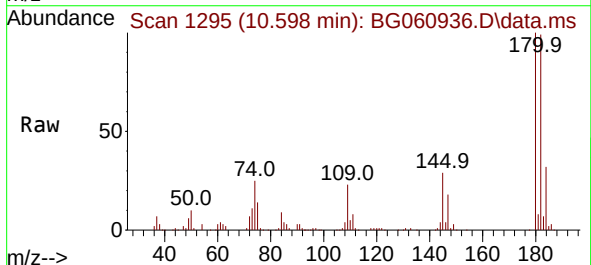
Tgt Ion:180 Resp: 179298

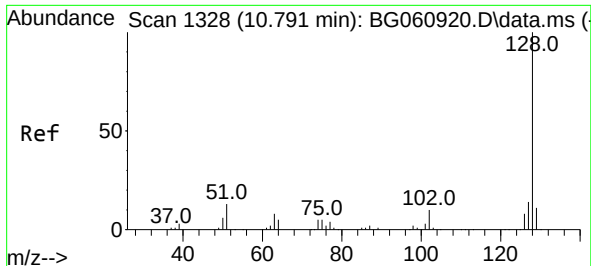
Ion Ratio Lower Upper

180 100

182 99.1 81.0 121.4

145 29.5 24.1 36.1

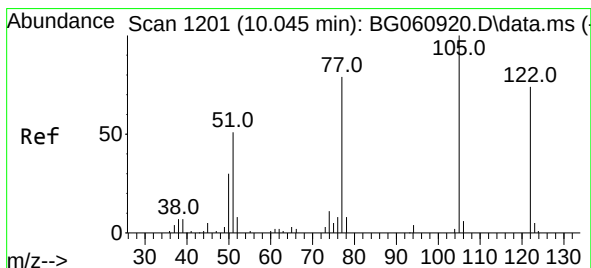
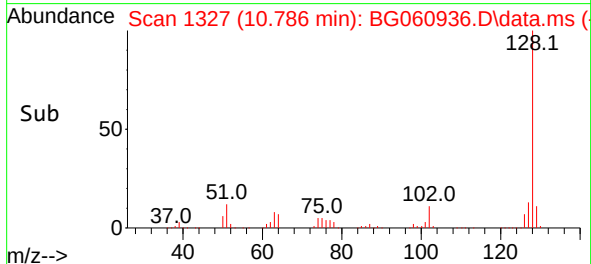
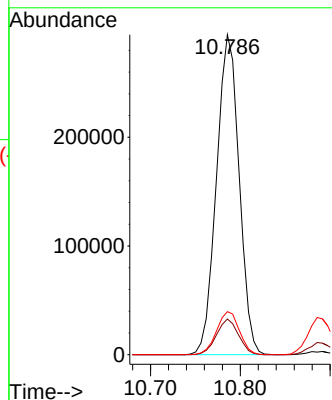
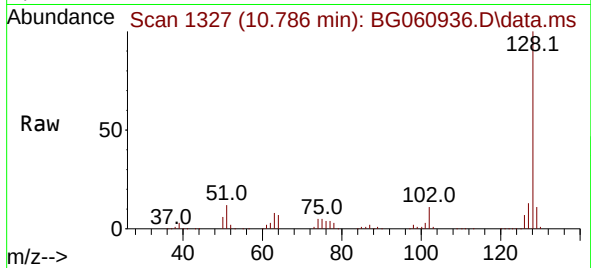




#31
Naphthalene
Concen: 41.738 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

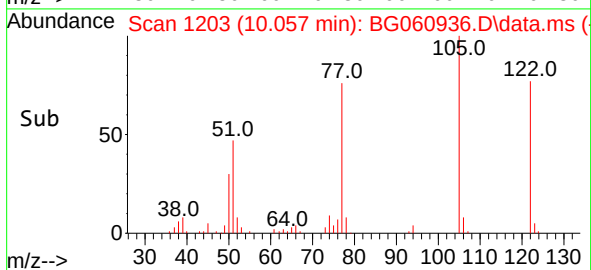
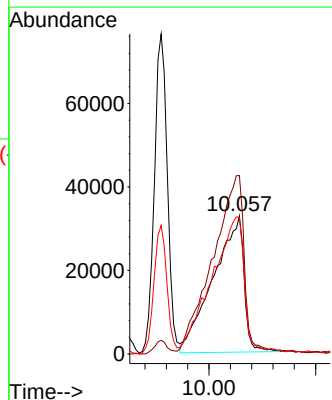
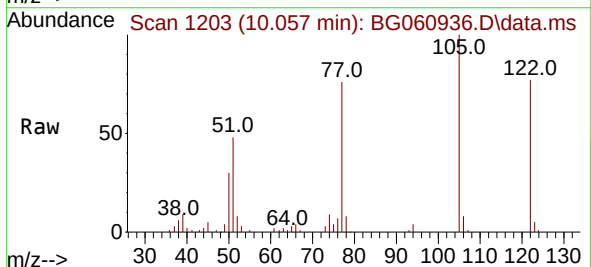
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

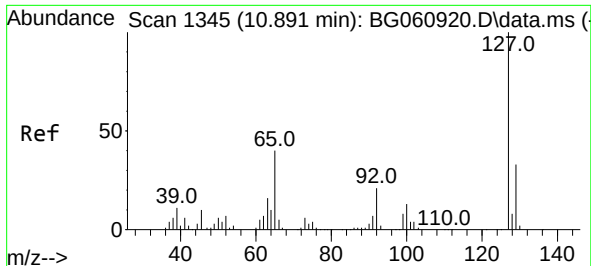
Tgt Ion:128 Resp: 515892
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 44.058 ng
RT: 10.057 min Scan# 1203
Delta R.T. 0.012 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:122 Resp: 130419
Ion Ratio Lower Upper
122 100
105 129.3 109.8 149.8
77 98.6 84.1 124.1

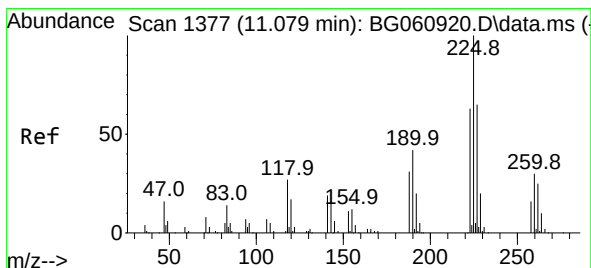
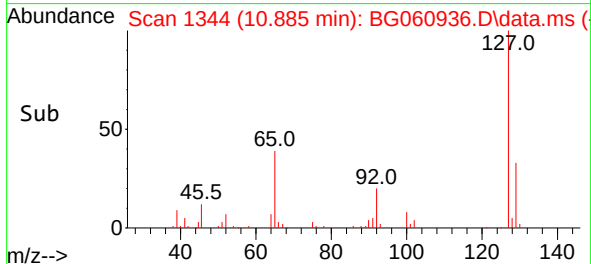
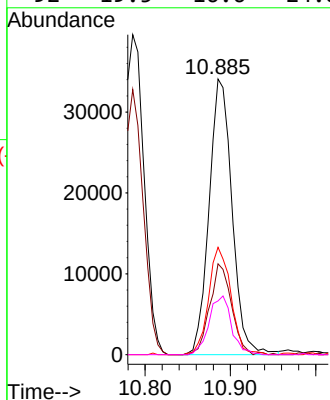
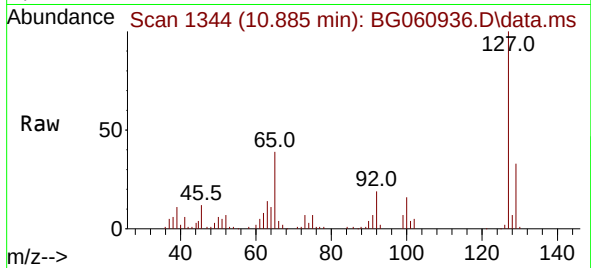




#33
4-Chloroaniline
Concen: 11.031 ng
RT: 10.885 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

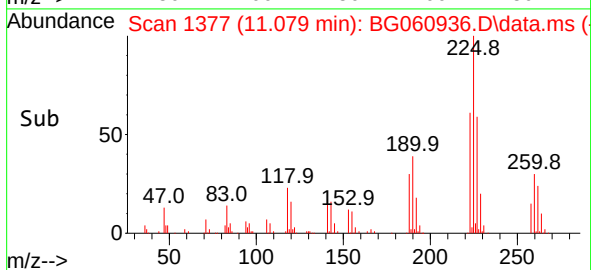
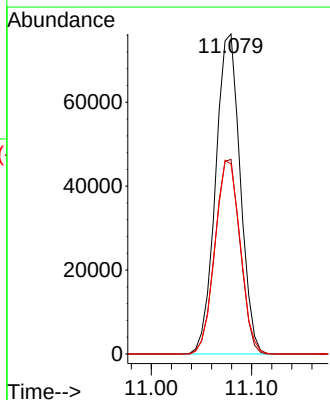
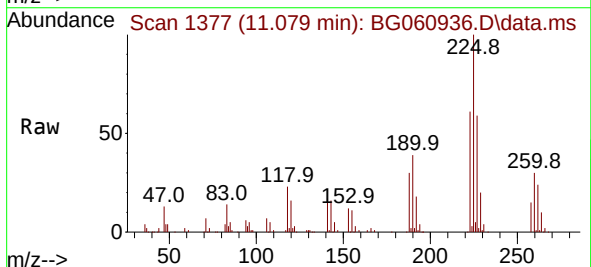
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

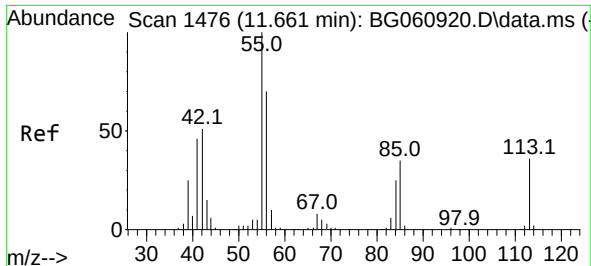
Tgt Ion:	127	Resp:	63901
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.8	40.2
65	38.9	32.3	48.5
92	19.5	16.6	24.8



#34
Hexachlorobutadiene
Concen: 42.932 ng
RT: 11.079 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:	225	Resp:	129804
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.2	75.2
227	59.4	51.7	77.5

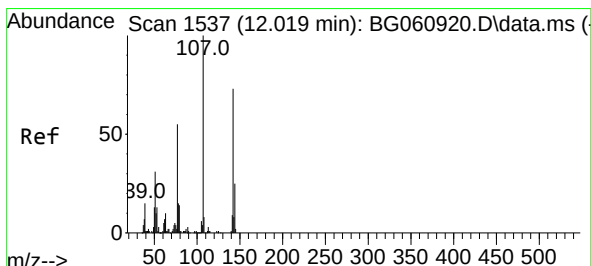
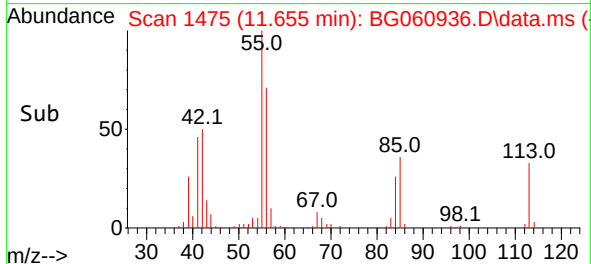
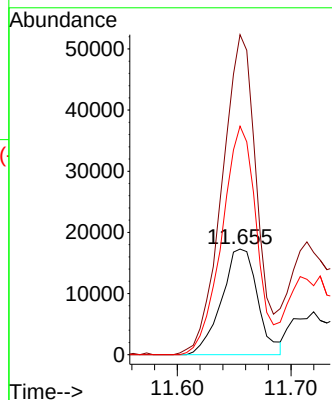
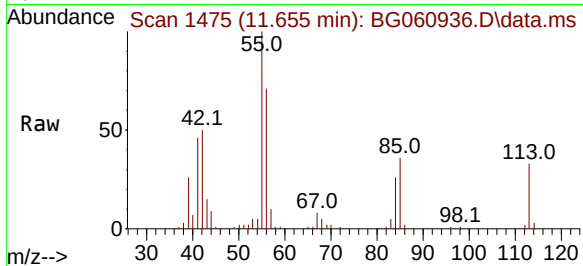




#35
 Caprolactam
 Concen: 26.029 ng
 RT: 11.655 min Scan# 1475
 Delta R.T. -0.006 min
 Lab File: BG060936.D
 Acq: 18 Apr 2024 14:39

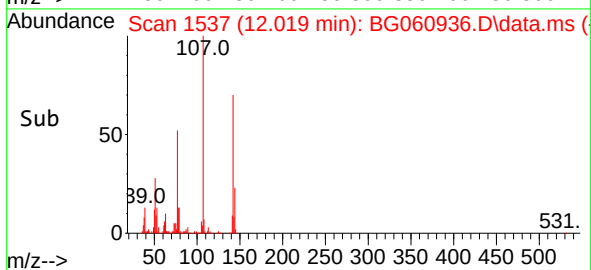
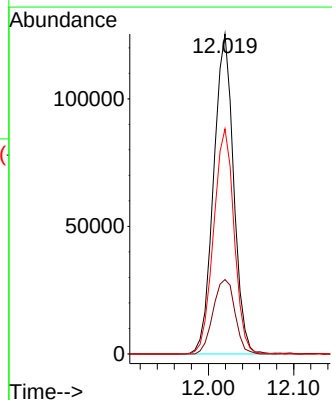
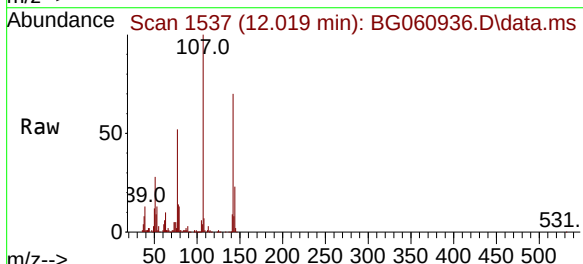
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MSD

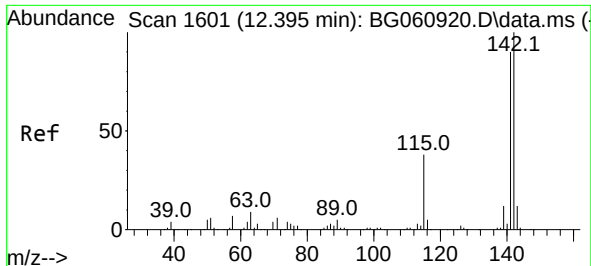
Tgt Ion:113 Resp: 38105
 Ion Ratio Lower Upper
 113 100
 55 303.2 262.6 302.6#
 56 216.4 177.0 217.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.611 ng
 RT: 12.019 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BG060936.D
 Acq: 18 Apr 2024 14:39

Tgt Ion:107 Resp: 204343
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 70.4 58.2 87.2

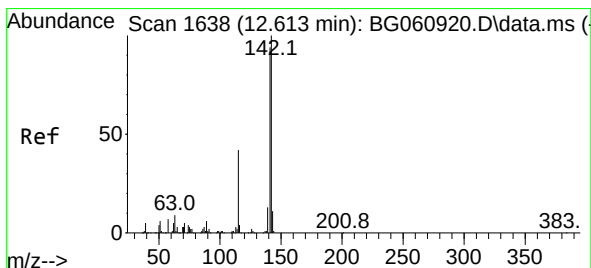
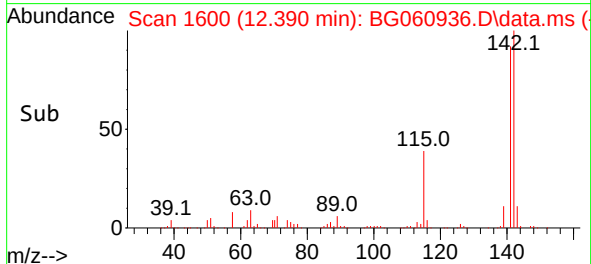
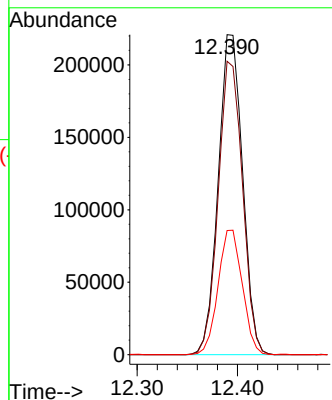
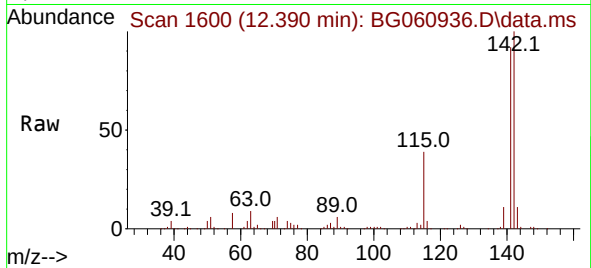




#37
2-Methylnaphthalene
Concen: 39.859 ng
RT: 12.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

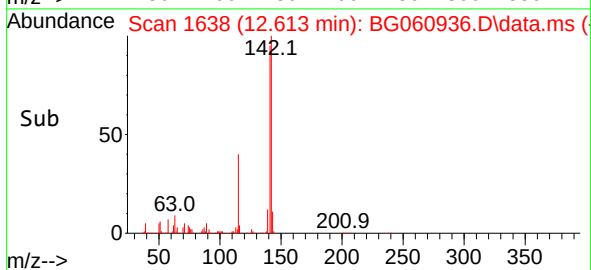
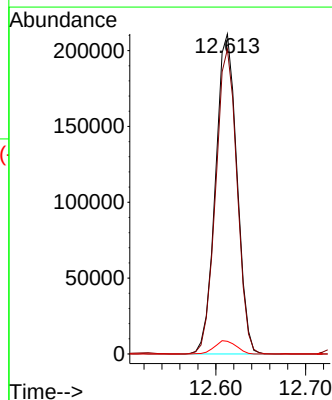
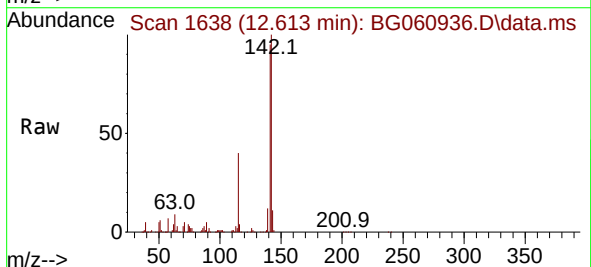
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

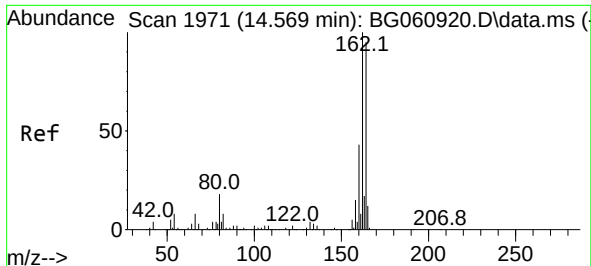
Tgt Ion:142 Resp: 372702
Ion Ratio Lower Upper
142 100
141 91.7 71.7 107.5
115 38.8 30.6 45.8



#38
1-Methylnaphthalene
Concen: 39.536 ng
RT: 12.613 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:142 Resp: 349000
Ion Ratio Lower Upper
142 100
141 95.3 75.1 112.7
116 4.0 3.3 4.9

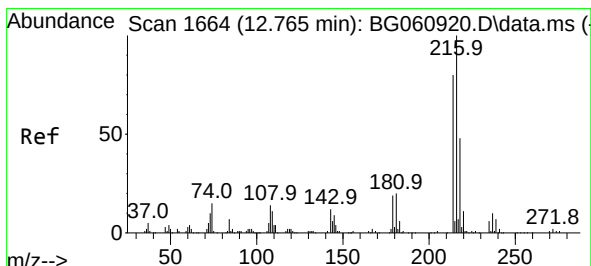
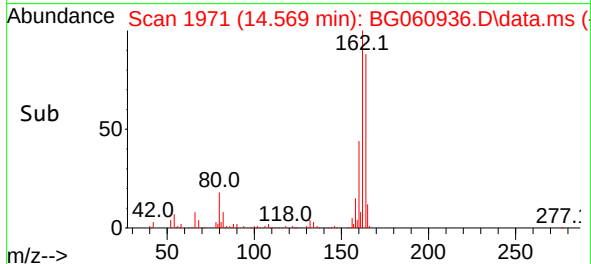
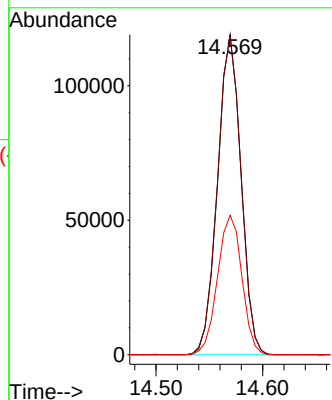
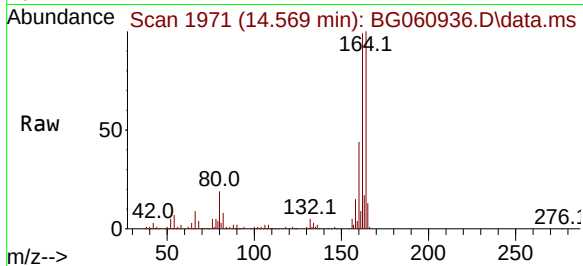




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

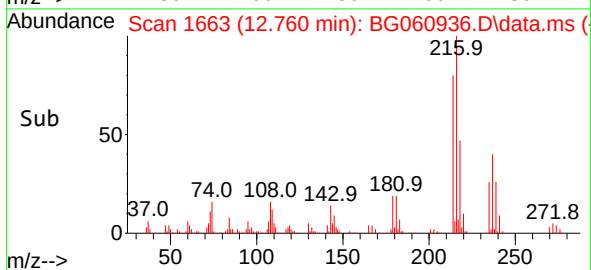
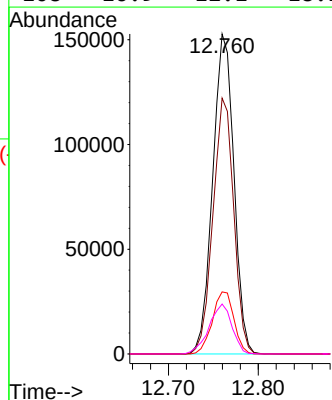
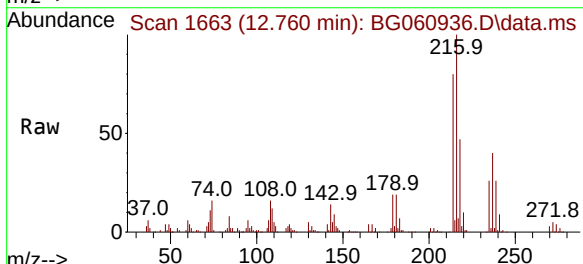
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

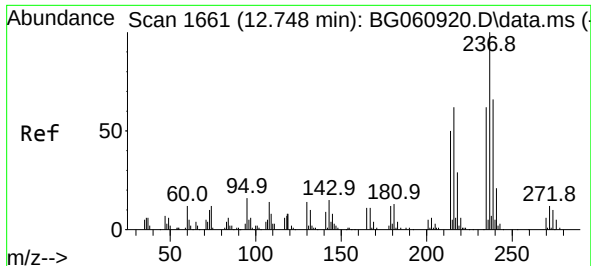
Tgt Ion:164 Resp: 181605
Ion Ratio Lower Upper
164 100
162 99.4 84.1 126.1
160 43.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.612 ng
RT: 12.760 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:216 Resp: 250004
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 19.7 15.2 22.8
108 16.9 12.1 18.1

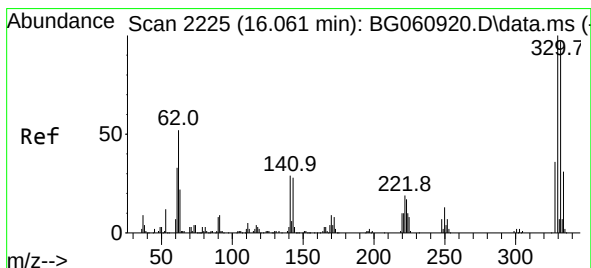
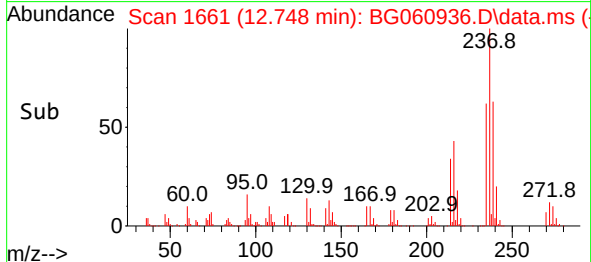
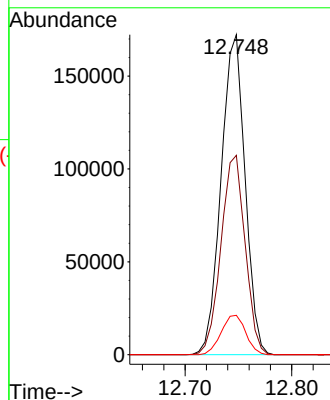
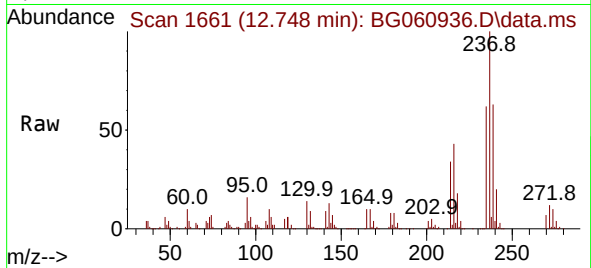




#41
Hexachlorocyclopentadiene
Concen: 93.727 ng
RT: 12.748 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

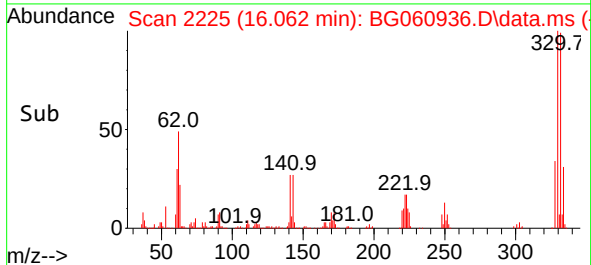
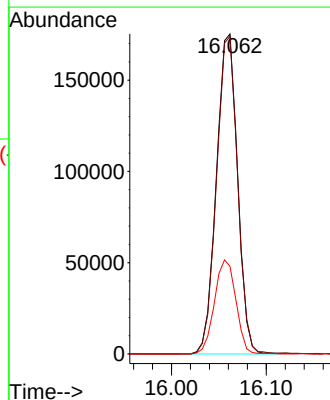
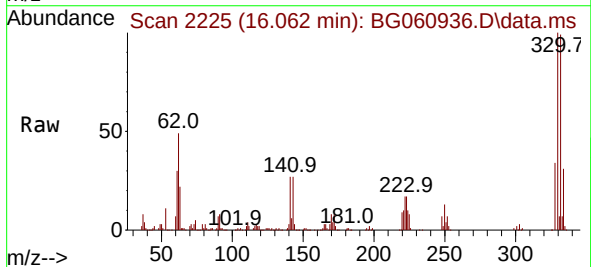
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

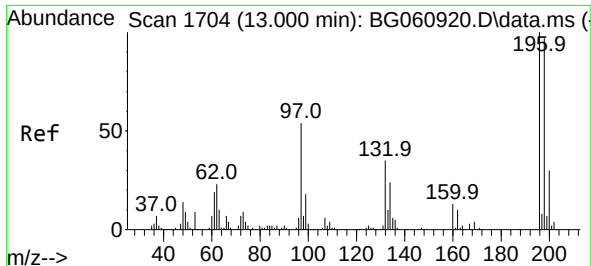
Tgt Ion:237 Resp: 268574
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.3 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 90.714 ng
RT: 16.062 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:330 Resp: 272159
Ion Ratio Lower Upper
330 100
332 98.8 76.9 115.3
141 29.8 23.7 35.5

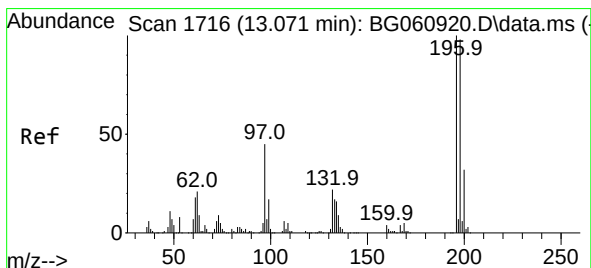
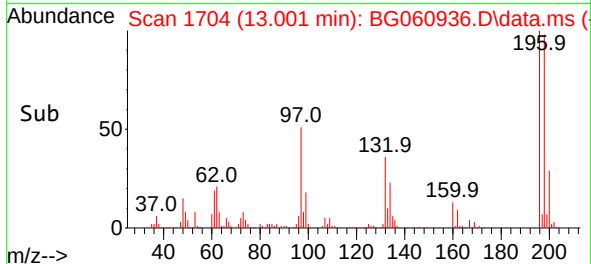
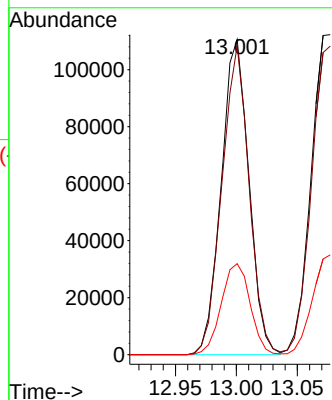
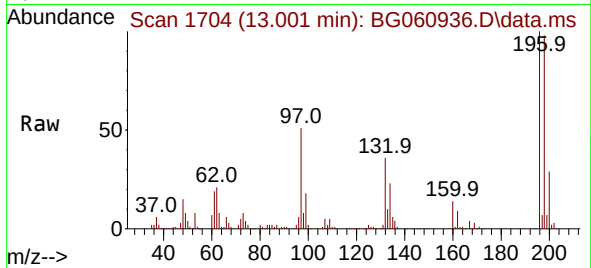




#43
2,4,6-Trichlorophenol
Concen: 44.829 ng
RT: 13.001 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

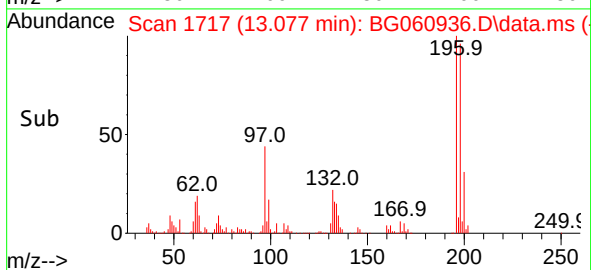
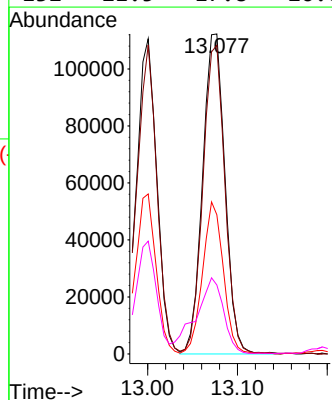
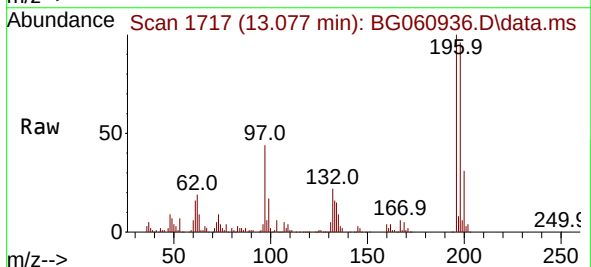
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

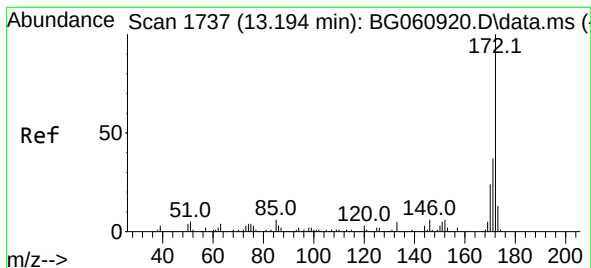
Tgt Ion:196 Resp: 174694
Ion Ratio Lower Upper
196 100
198 98.0 77.9 116.9
200 28.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 41.386 ng
RT: 13.077 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:196 Resp: 194496
Ion Ratio Lower Upper
196 100
198 96.4 78.2 117.4
97 43.5 35.9 53.9
132 21.5 17.8 26.6





#45

2-Fluorobiphenyl

Concen: 64.095 ng

RT: 13.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

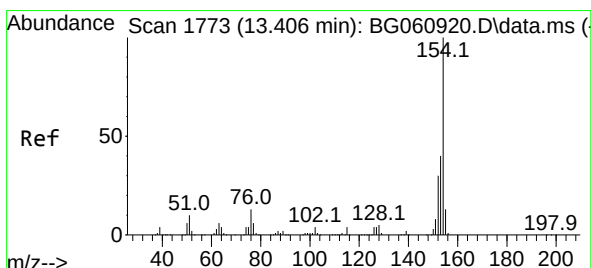
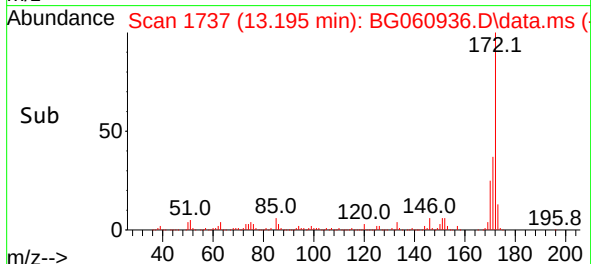
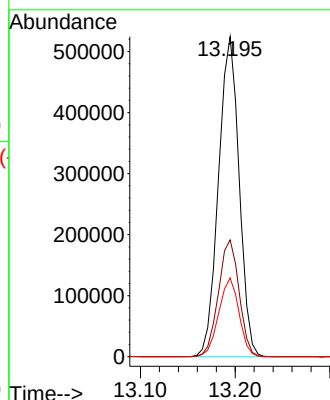
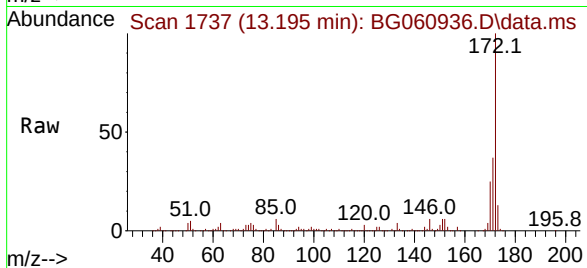
Tgt Ion:172 Resp: 793207

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

170 24.6 19.5 29.3



#46

1,1'-Biphenyl

Concen: 43.952 ng

RT: 13.406 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

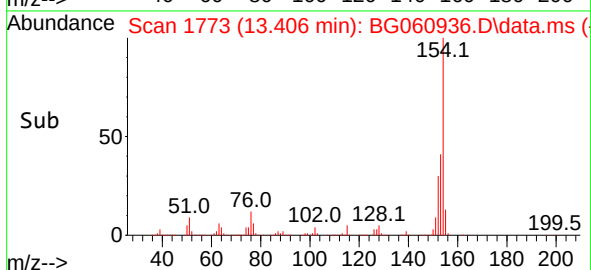
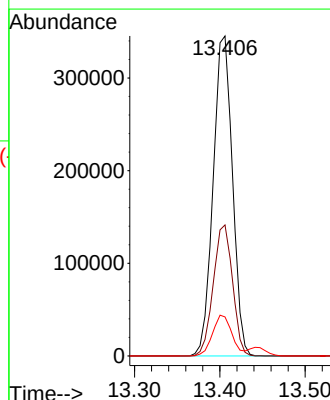
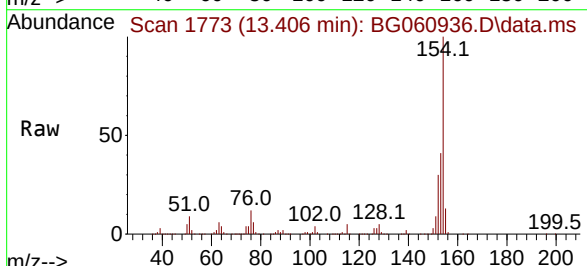
Tgt Ion:154 Resp: 542727

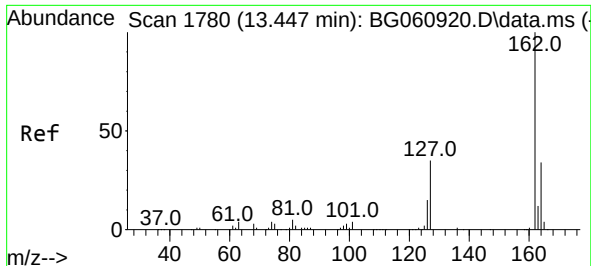
Ion Ratio Lower Upper

154 100

153 40.9 19.9 59.9

76 12.2 0.0 32.7

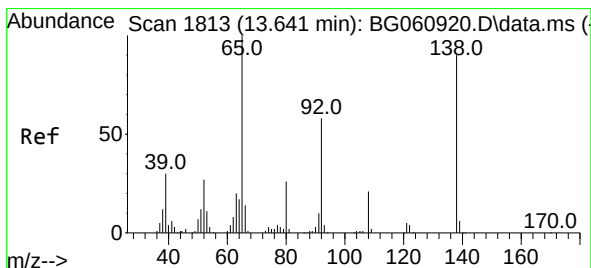
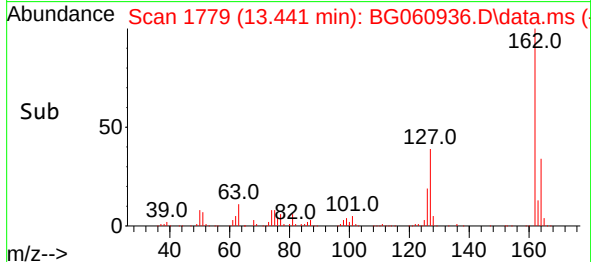
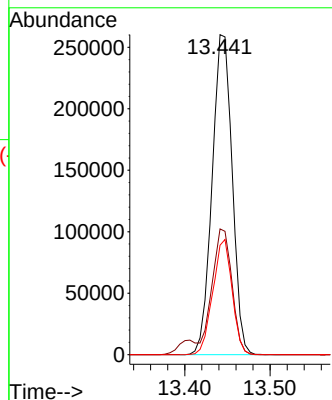
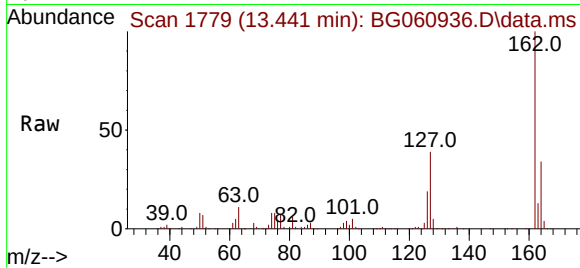




#47
2-Chloronaphthalene
Concen: 45.045 ng
RT: 13.441 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

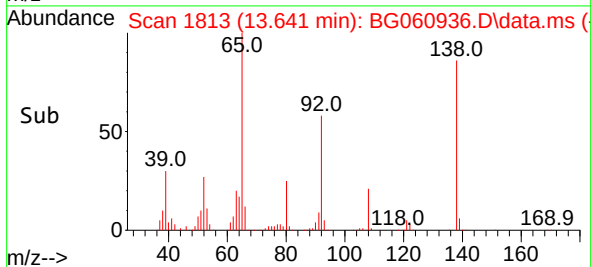
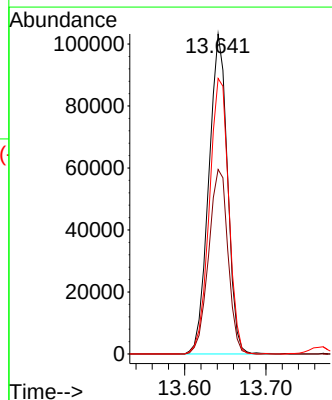
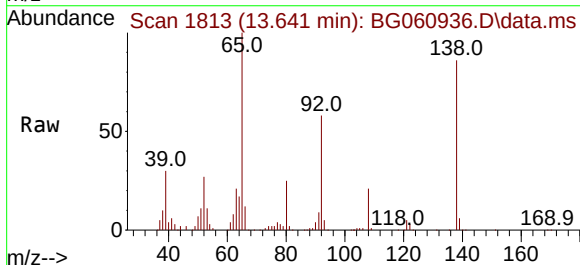
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

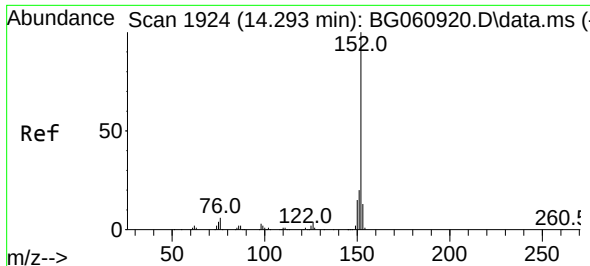
Tgt Ion:162 Resp: 425710
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 34.2 27.2 40.8



#48
2-Nitroaniline
Concen: 42.582 ng
RT: 13.641 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion: 65 Resp: 165144
Ion Ratio Lower Upper
65 100
92 57.7 46.5 69.7
138 86.1 71.8 107.8

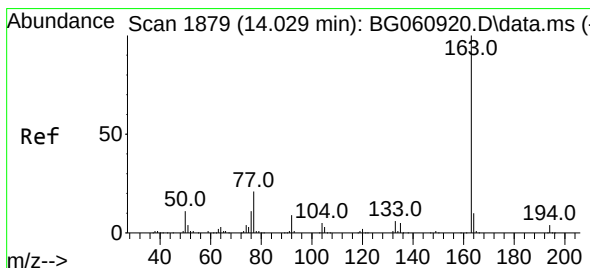
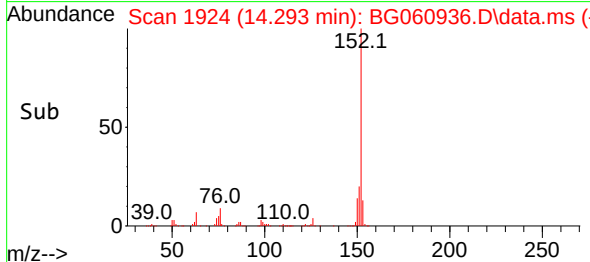
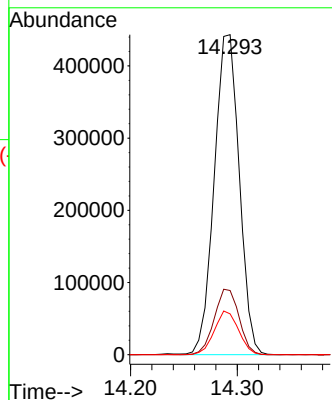
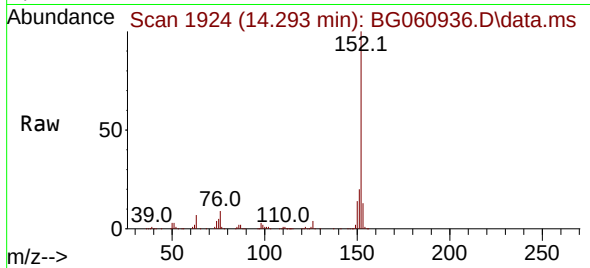




#49
Acenaphthylene
Concen: 45.177 ng
RT: 14.293 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

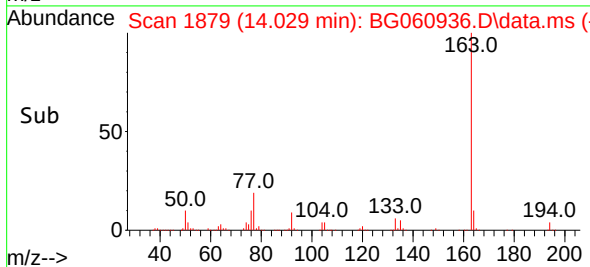
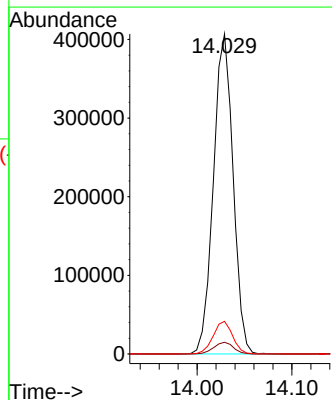
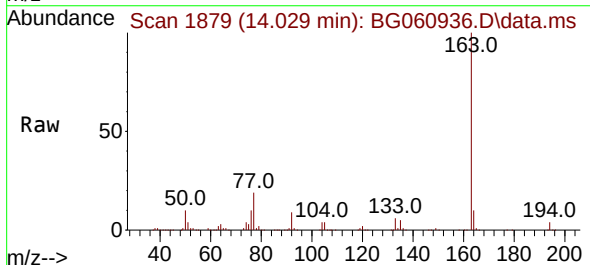
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

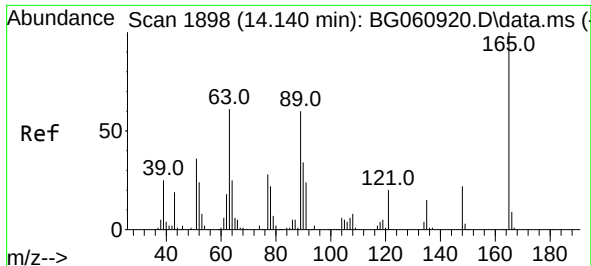
Tgt Ion:152 Resp: 721979
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 40.674 ng
RT: 14.029 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:163 Resp: 586153
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.2 8.2 12.2

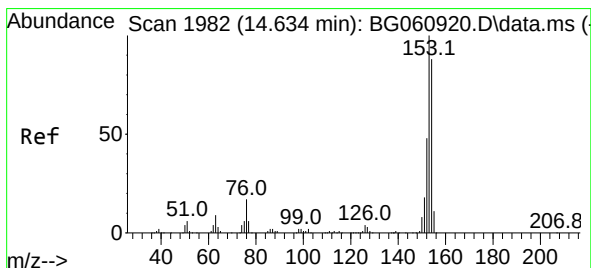
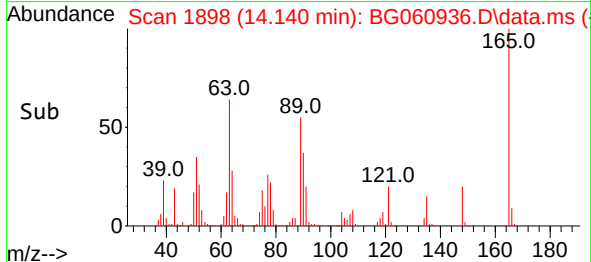
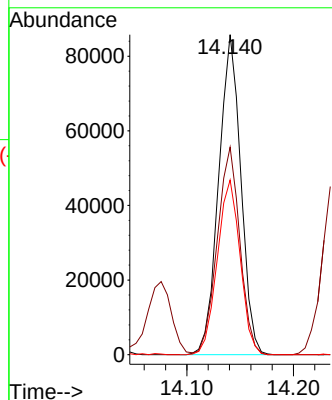
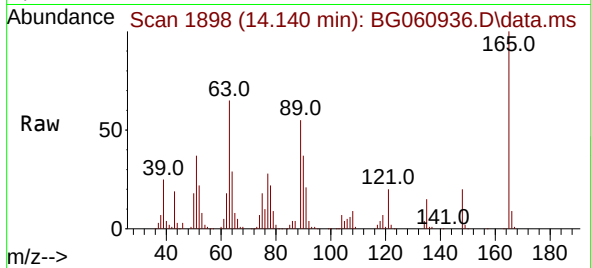




#51
2,6-Dinitrotoluene
Concen: 42.081 ng
RT: 14.140 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

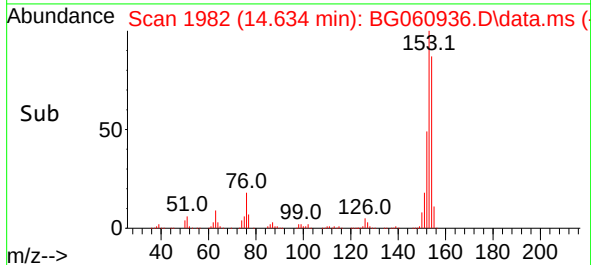
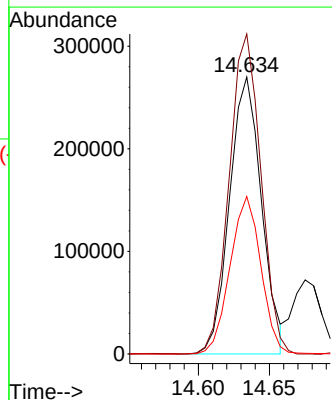
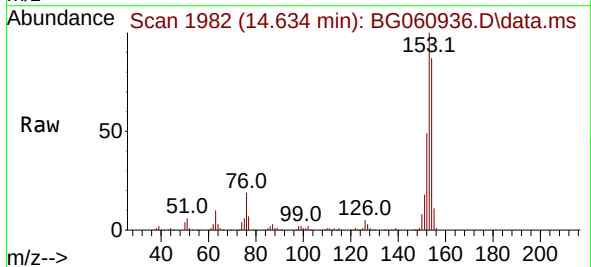
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

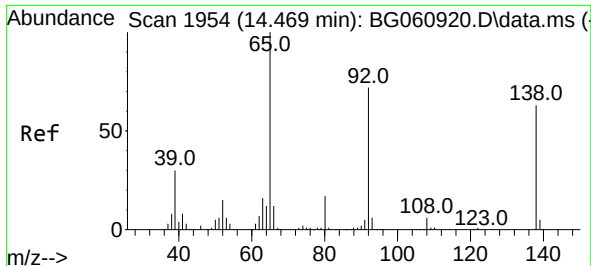
Tgt Ion:165 Resp: 123601
Ion Ratio Lower Upper
165 100
63 64.9 53.8 80.8
89 54.6 48.2 72.4



#52
Acenaphthene
Concen: 43.621 ng
RT: 14.634 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

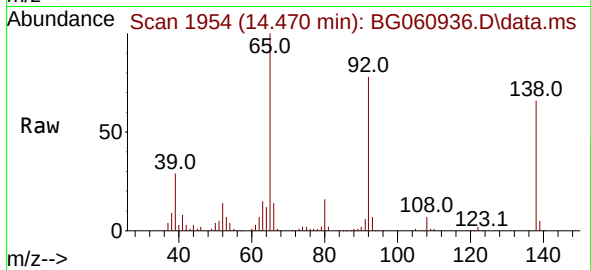
Tgt Ion:154 Resp: 422786
Ion Ratio Lower Upper
154 100
153 115.6 91.4 137.0
152 56.9 44.1 66.1



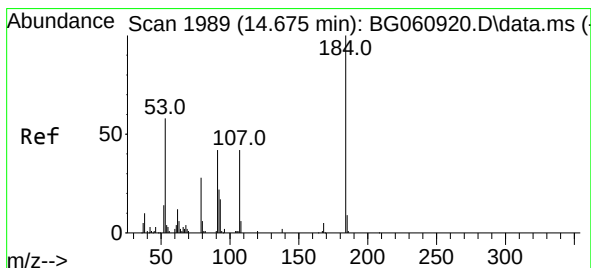
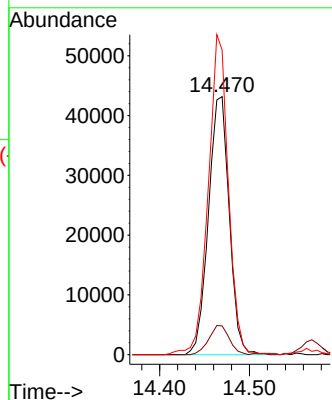
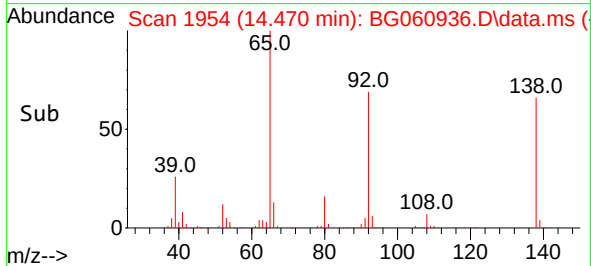


#53
3-Nitroaniline
Concen: 21.540 ng
RT: 14.470 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

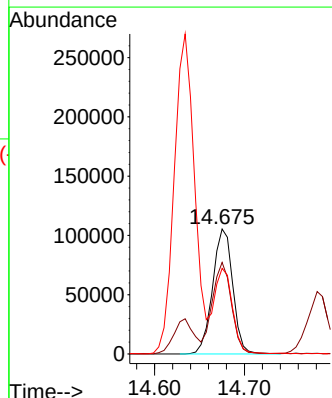
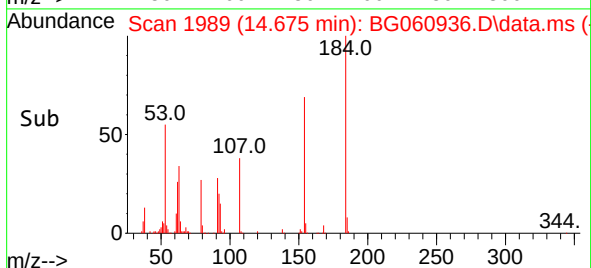
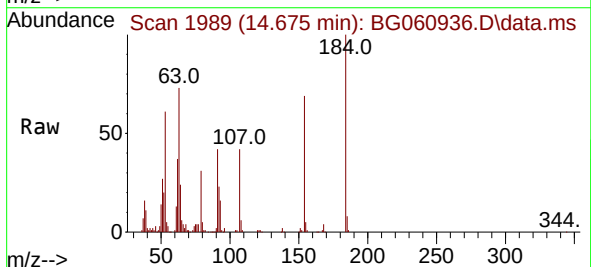


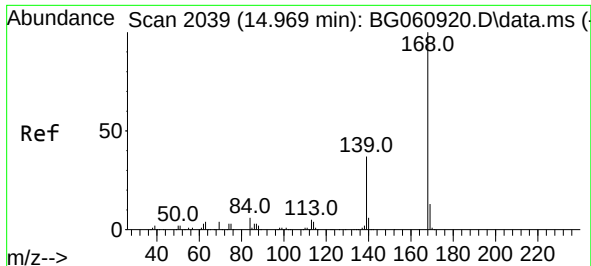
Tgt Ion:138 Resp: 69452
Ion Ratio Lower Upper
138 100
108 11.2 7.5 11.3
92 118.1 92.5 138.7



#54
2,4-Dinitrophenol
Concen: 87.112 ng
RT: 14.675 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:184 Resp: 164431
Ion Ratio Lower Upper
184 100
63 73.3 52.0 78.0
154 68.5 50.7 76.1

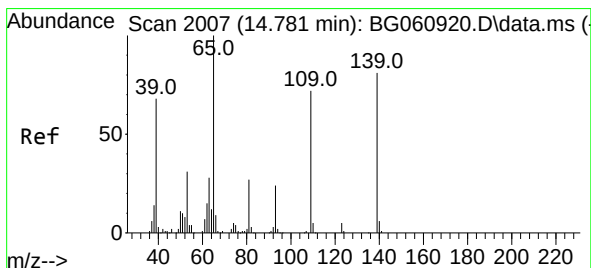
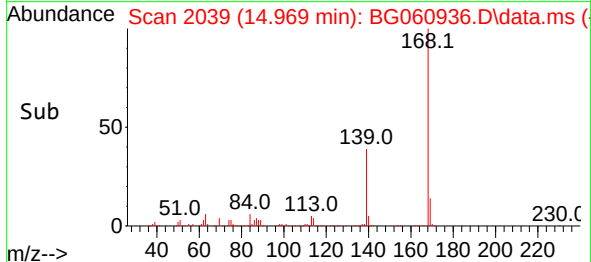
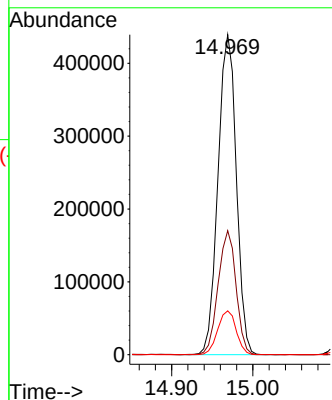
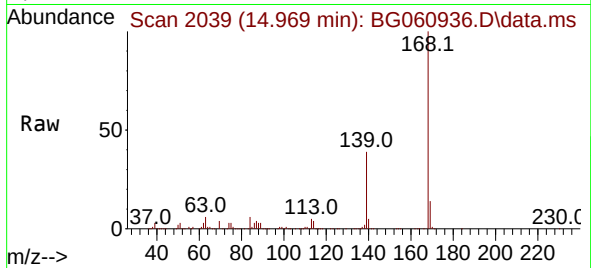




#55
Dibenzofuran
Concen: 42.124 ng
RT: 14.969 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

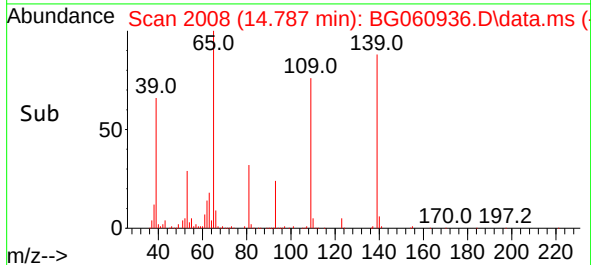
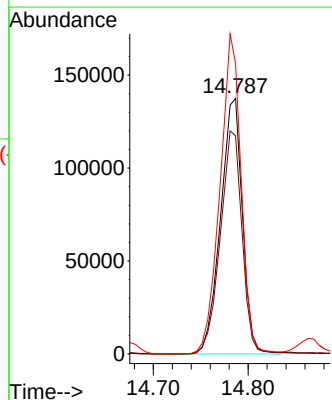
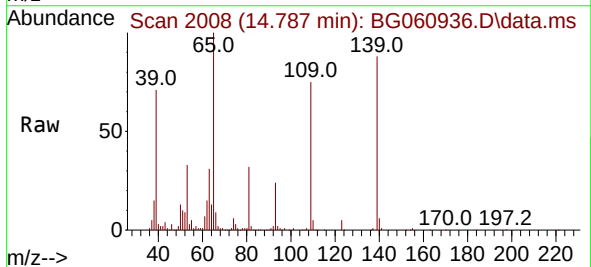
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

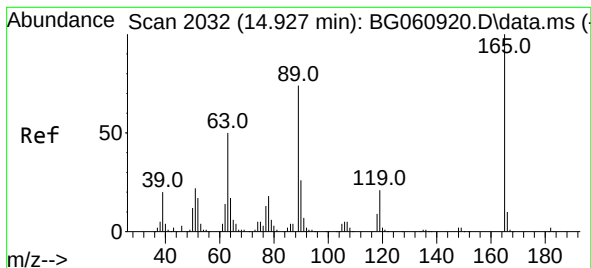
Tgt Ion:168 Resp: 689675
Ion Ratio Lower Upper
168 100
139 38.7 29.9 44.9
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 89.361 ng
RT: 14.787 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:139 Resp: 220599
Ion Ratio Lower Upper
139 100
109 85.4 69.7 109.7
65 113.7 103.7 143.7

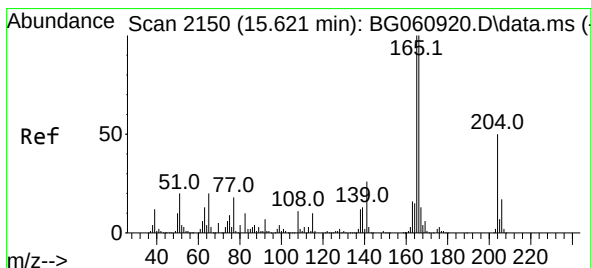
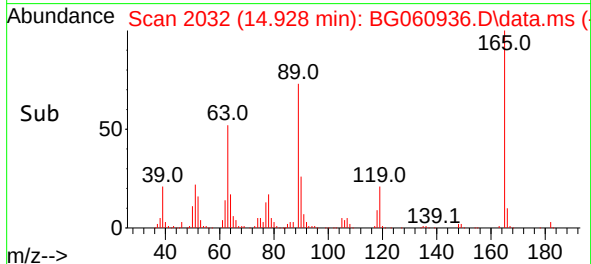
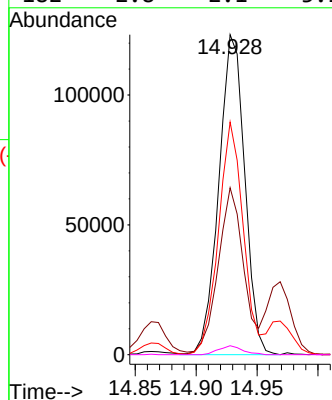
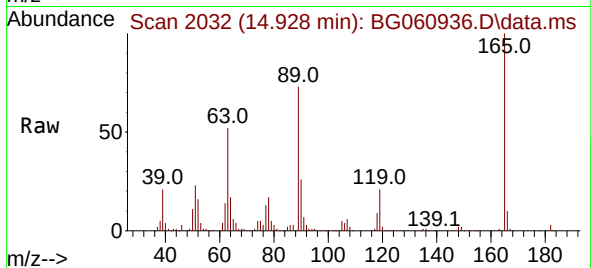




#57
2,4-Dinitrotoluene
Concen: 43.522 ng
RT: 14.928 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

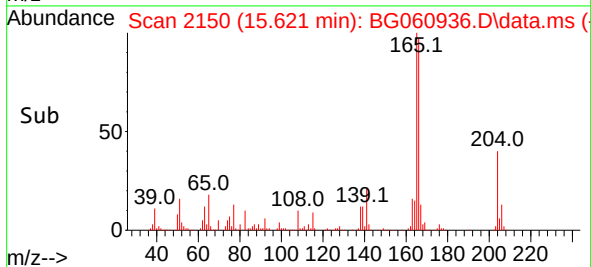
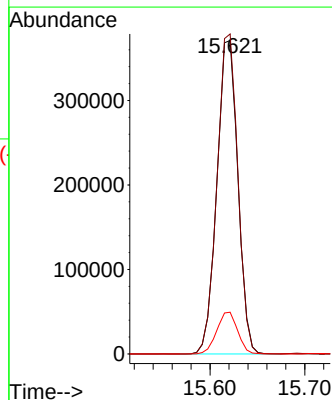
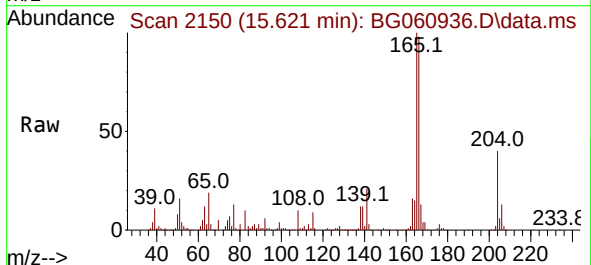
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

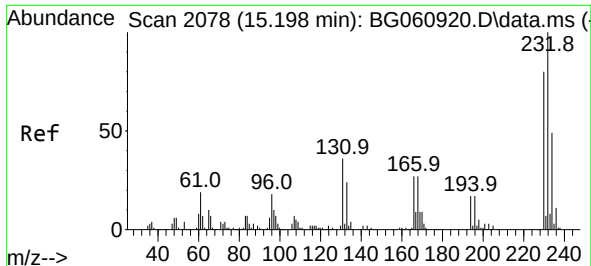
Tgt Ion:	165	Resp:	182672
Ion	Ratio	Lower	Upper
165	100		
63	52.2	40.2	60.2
89	72.7	59.0	88.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 42.067 ng
RT: 15.621 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:	166	Resp:	571305
Ion	Ratio	Lower	Upper
166	100		
165	102.1	80.2	120.4
167	13.3	10.4	15.6

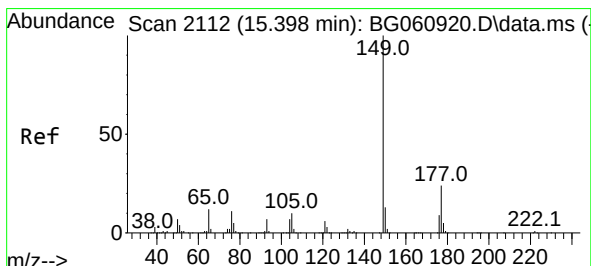
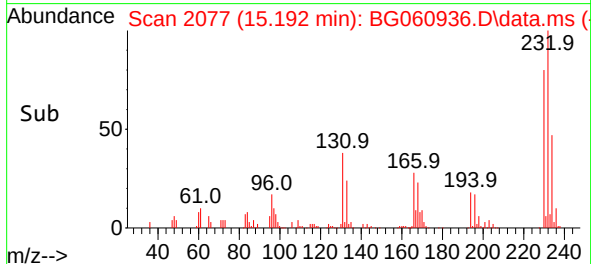
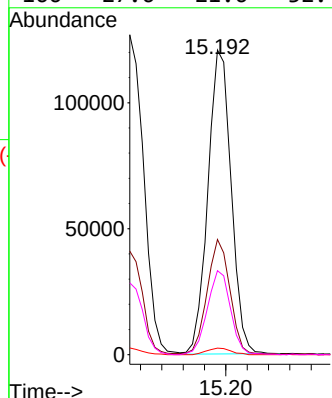
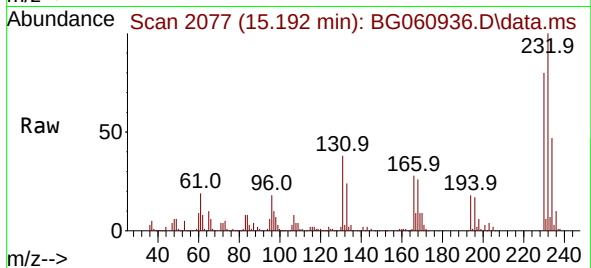




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.271 ng
RT: 15.192 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

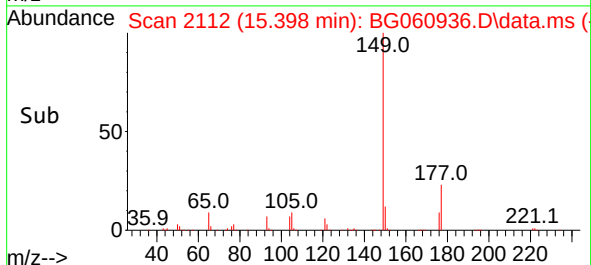
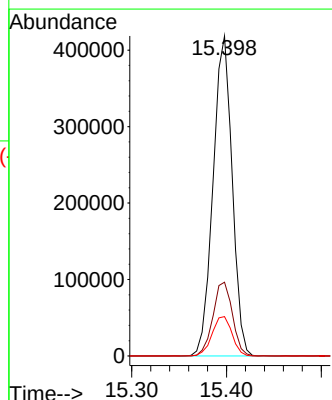
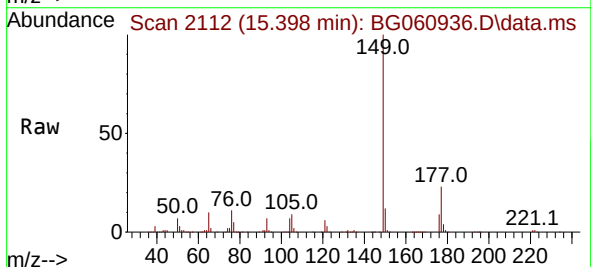
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

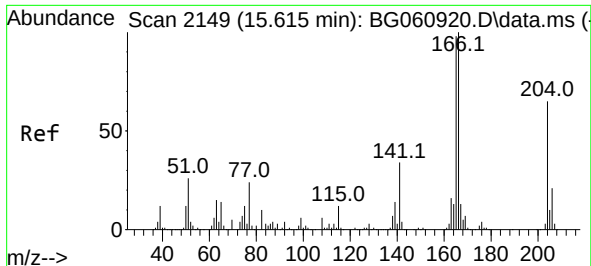
Tgt Ion:232 Resp: 182497
Ion Ratio Lower Upper
232 100
131 37.6 29.8 44.8
130 2.3 1.8 2.8
166 27.6 21.6 32.4



#60
Diethylphthalate
Concen: 40.460 ng
RT: 15.398 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:149 Resp: 584009
Ion Ratio Lower Upper
149 100
177 23.0 19.0 28.4
150 12.3 10.5 15.7

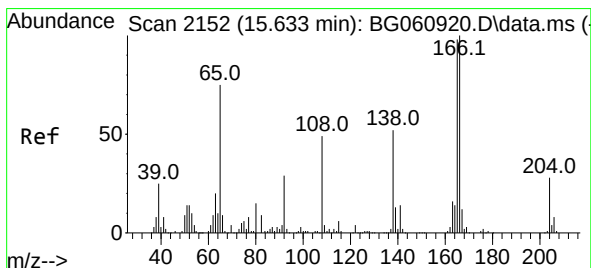
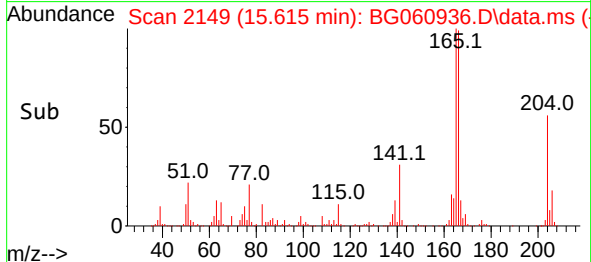
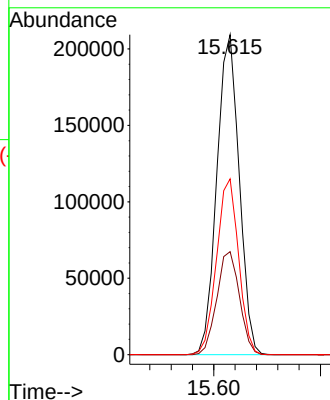
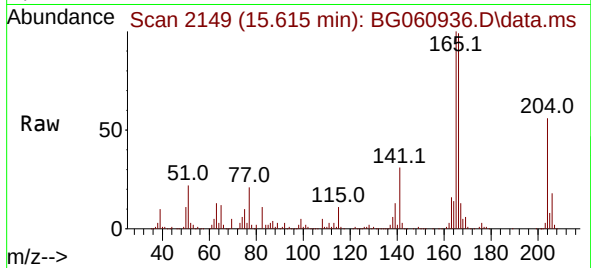




#61
4-Chlorophenyl-phenylether
Concen: 40.369 ng
RT: 15.615 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

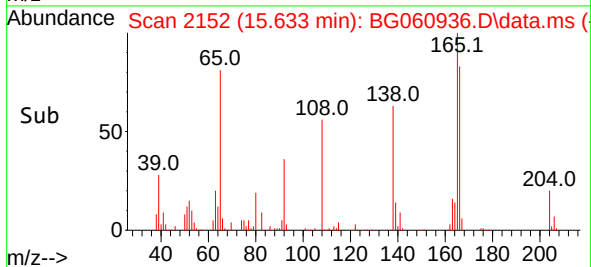
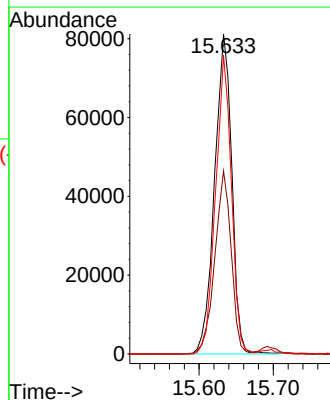
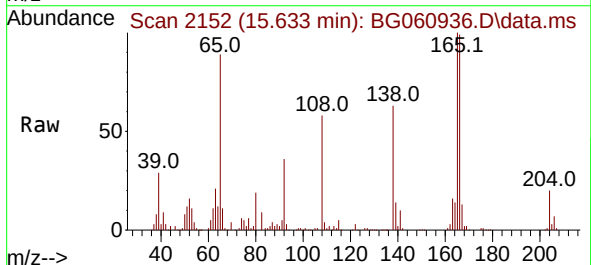
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

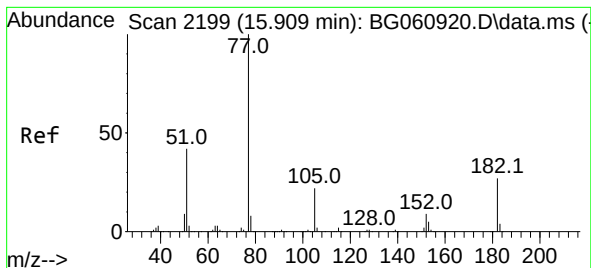
Tgt Ion:204 Resp: 303901
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 55.0 42.0 63.0



#62
4-Nitroaniline
Concen: 37.768 ng
RT: 15.633 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:138 Resp: 130934
Ion Ratio Lower Upper
138 100
92 57.2 34.8 74.8
108 93.3 73.9 113.9





#63

Azobenzene

Concen: 41.013 ng

RT: 15.909 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion: 77 Resp: 557947

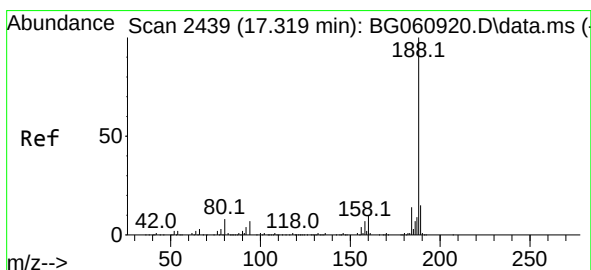
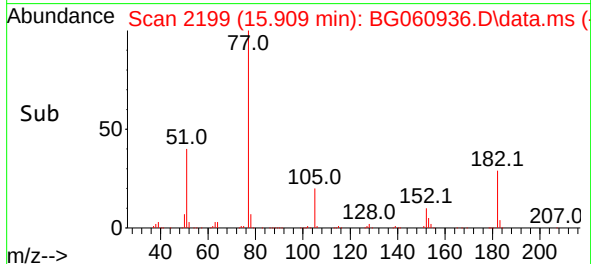
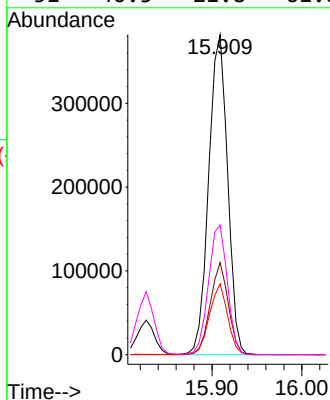
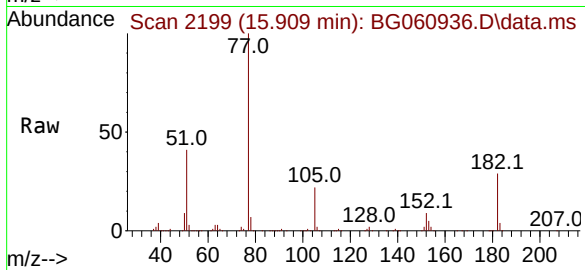
Ion Ratio Lower Upper

77 100

182 28.8 6.8 46.8

105 22.1 1.7 41.7

51 40.5 21.8 61.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

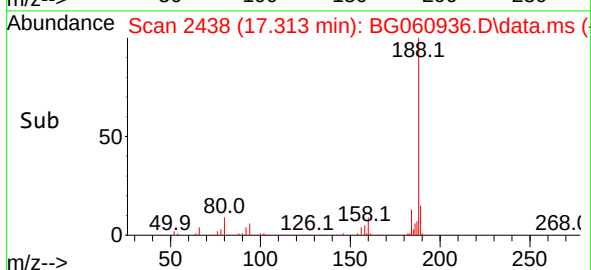
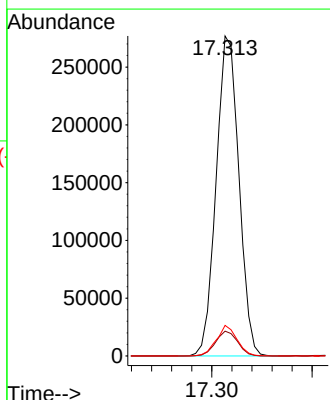
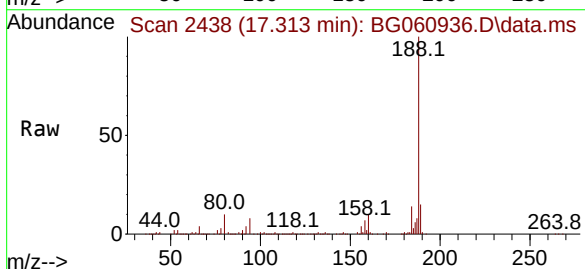
Tgt Ion: 188 Resp: 435850

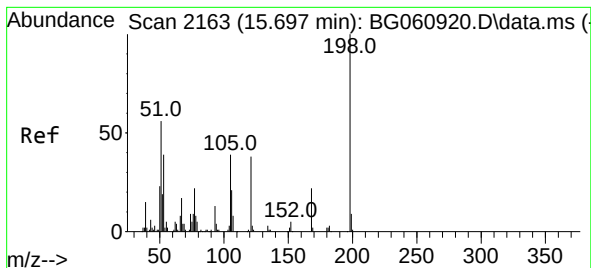
Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 9.5 6.6 9.8

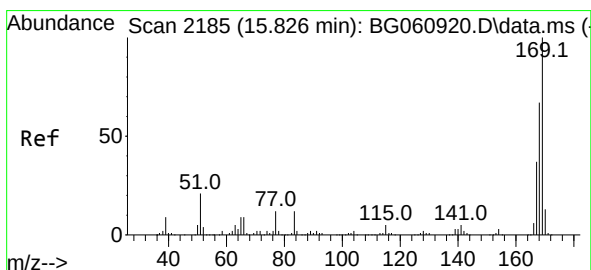
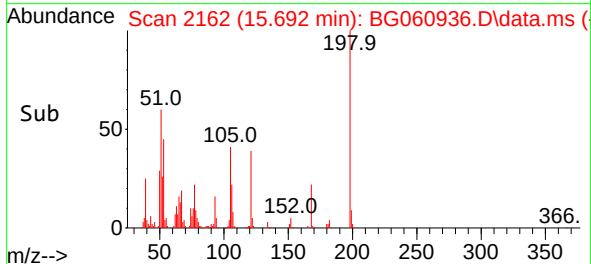
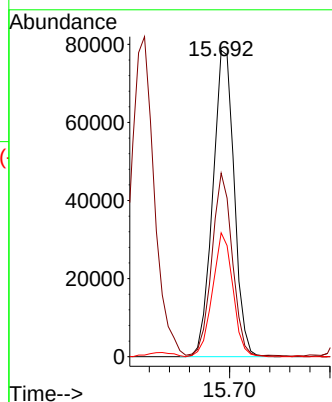
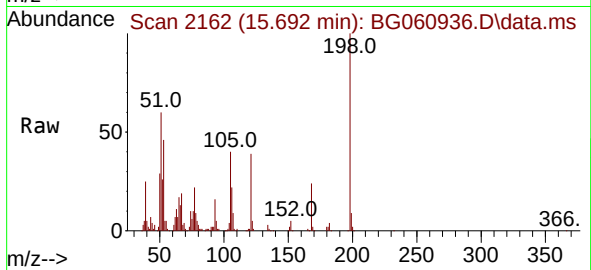




#65
4,6-Dinitro-2-methylphenol
Concen: 47.877 ng
RT: 15.692 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

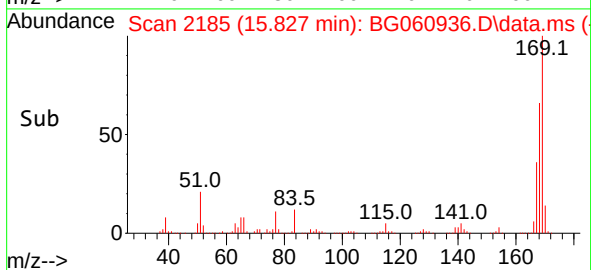
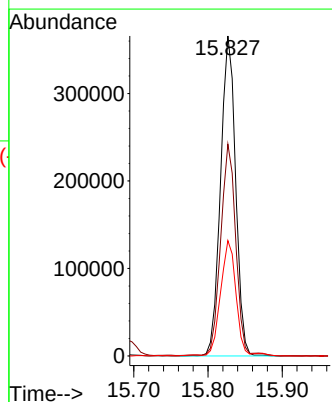
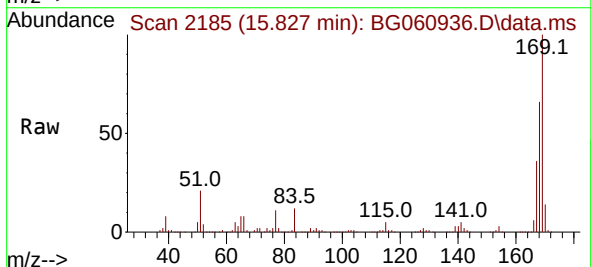
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

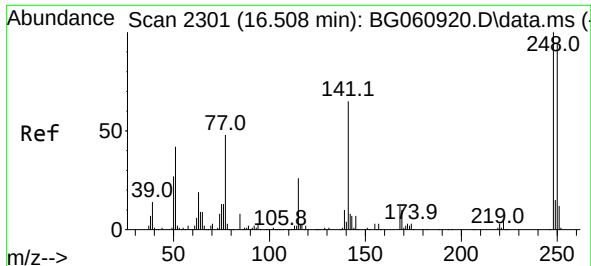
Tgt Ion:198 Resp: 116419
Ion Ratio Lower Upper
198 100
51 59.9 38.2 78.2
105 40.4 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 43.127 ng
RT: 15.827 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:169 Resp: 516000
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.1 29.8 44.6

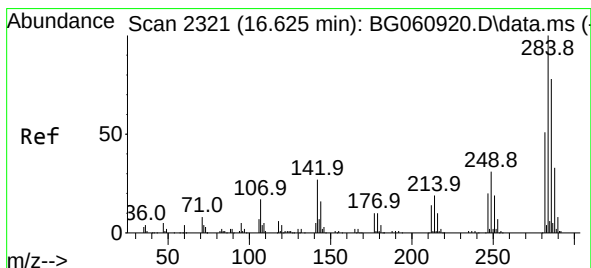
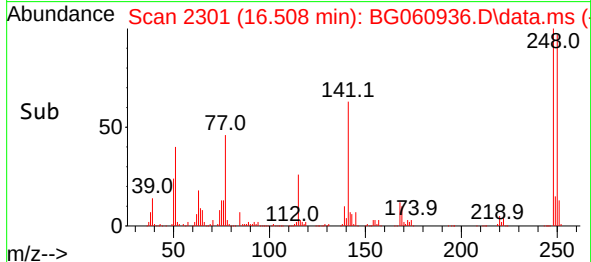
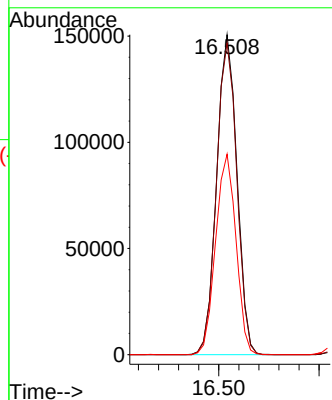
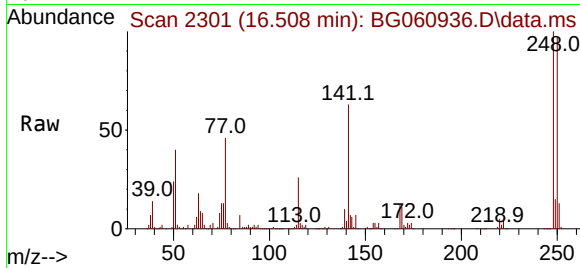




#67
4-Bromophenyl-phenylether
Concen: 43.368 ng
RT: 16.508 min Scan# 211749
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

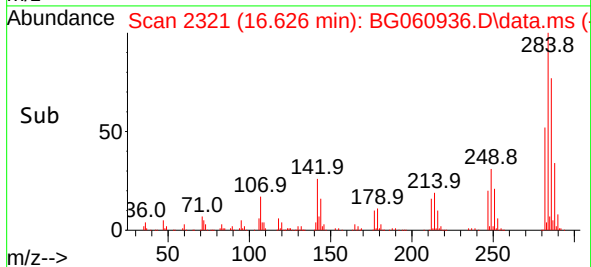
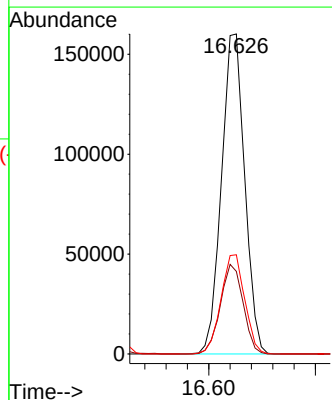
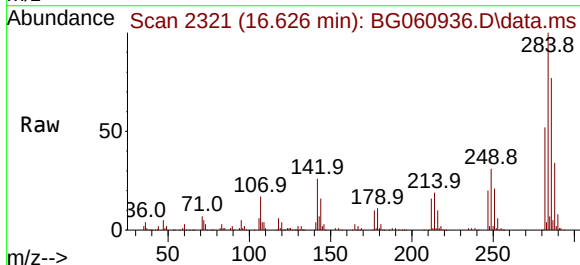
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

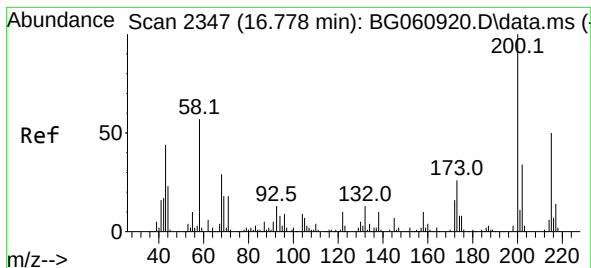
Tgt Ion:248 Resp: 211749
Ion Ratio Lower Upper
248 100
250 97.4 75.4 113.2
141 62.6 52.2 78.2



#68
Hexachlorobenzene
Concen: 45.601 ng
RT: 16.626 min Scan# 2321
Delta R.T. 0.001 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:284 Resp: 242272
Ion Ratio Lower Upper
284 100
142 25.8 21.2 31.8
249 31.0 24.9 37.3





#69

Atrazine

Concen: 47.161 ng

RT: 16.779 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

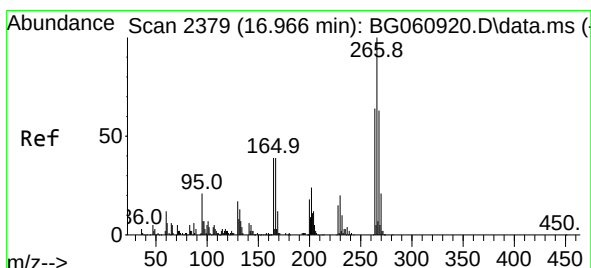
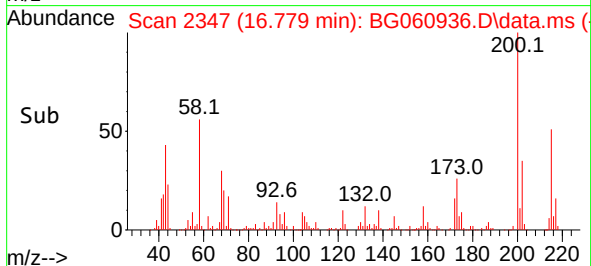
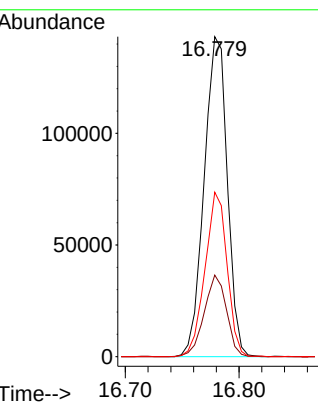
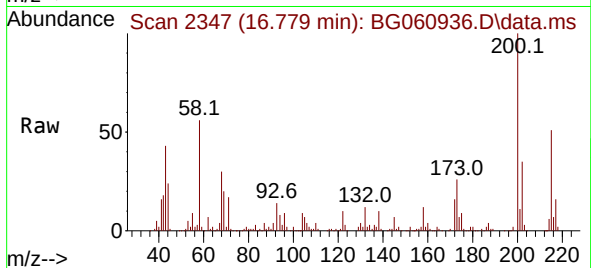
Tgt Ion:200 Resp: 202792

Ion Ratio Lower Upper

200 100

173 25.5 6.5 46.5

215 51.4 30.4 70.4



#70

Pentachlorophenol

Concen: 90.104 ng

RT: 16.967 min Scan# 2379

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

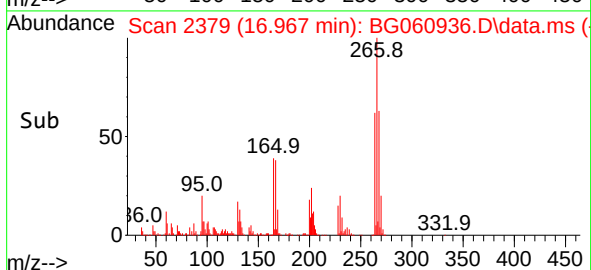
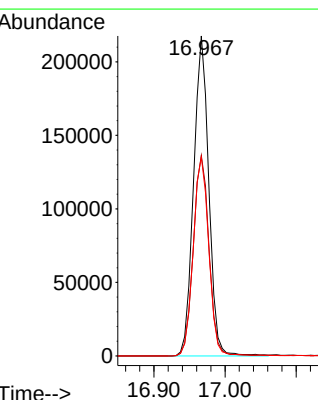
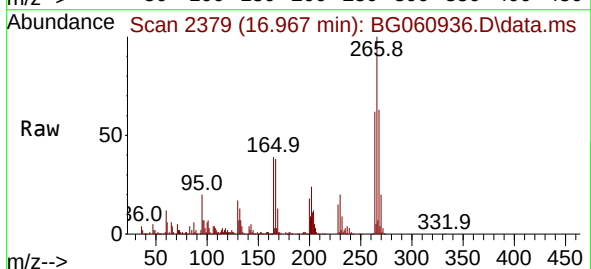
Tgt Ion:266 Resp: 324197

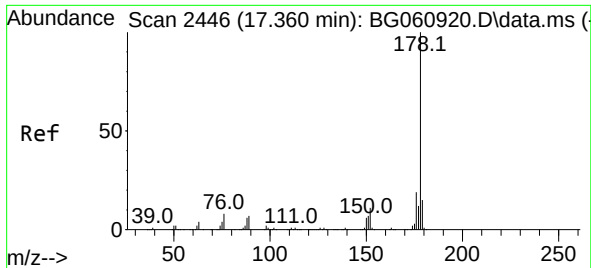
Ion Ratio Lower Upper

266 100

268 62.6 50.2 75.2

264 62.2 51.2 76.8

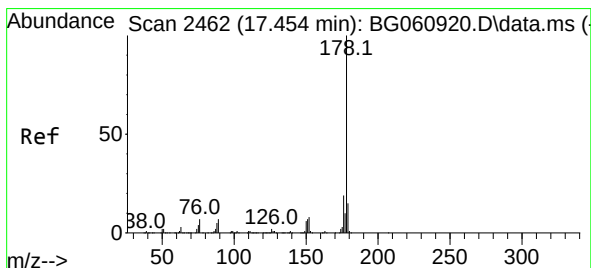
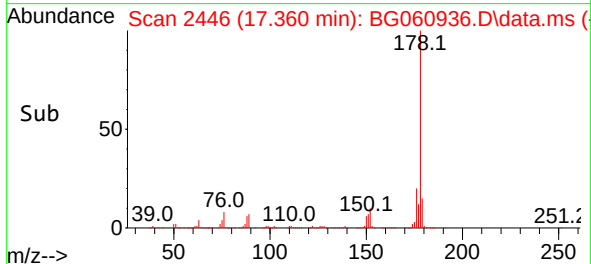
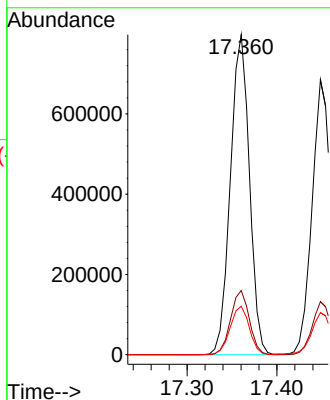
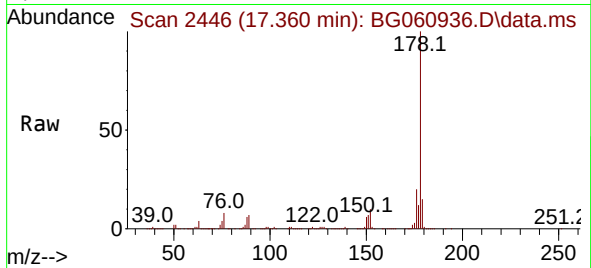




#71
Phenanthrene
Concen: 53.093 ng
RT: 17.360 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

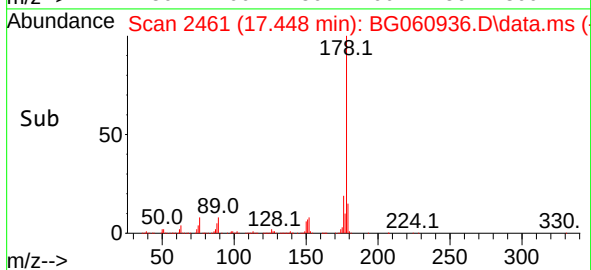
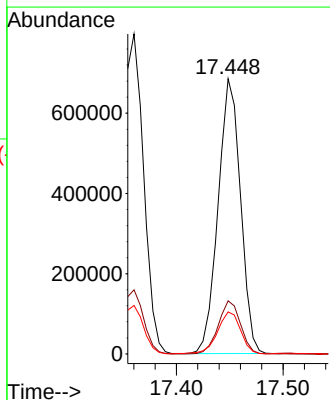
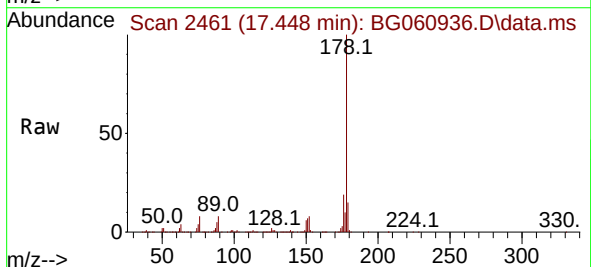
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

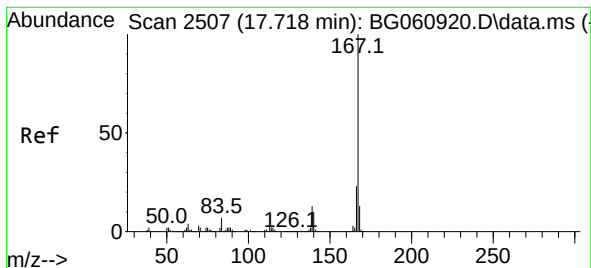
Tgt Ion:178 Resp: 1171304
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.2 12.0 18.0



#72
Anthracene
Concen: 44.124 ng
RT: 17.448 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:178 Resp: 999906
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.3 11.6 17.4





#73

Carbazole

Concen: 43.975 ng

RT: 17.719 min Scan# 2507

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

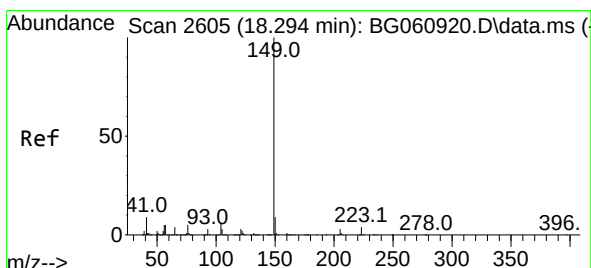
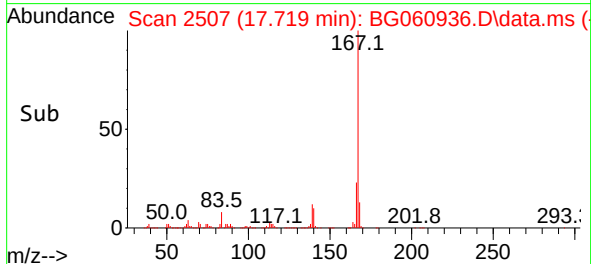
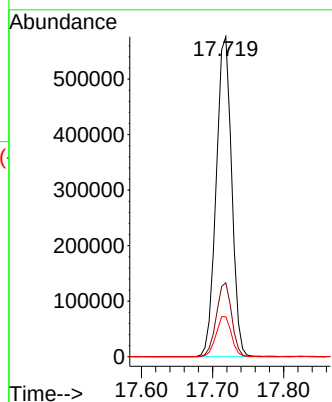
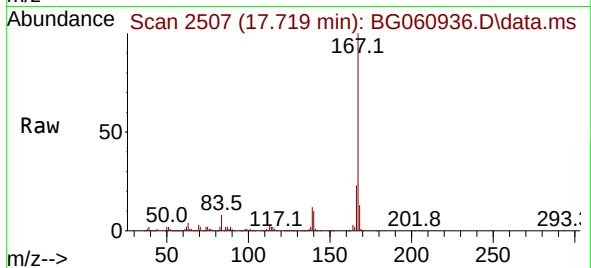
Tgt Ion:167 Resp: 868235

Ion Ratio Lower Upper

167 100

166 23.1 18.4 27.6

139 12.5 10.1 15.1



#74

Di-n-butylphthalate

Concen: 42.569 ng

RT: 18.289 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

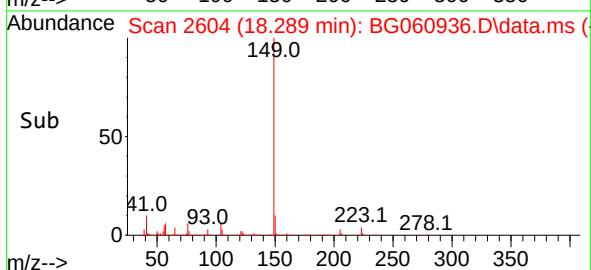
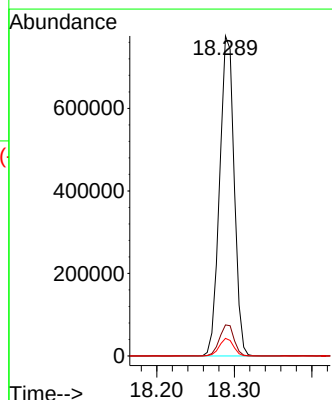
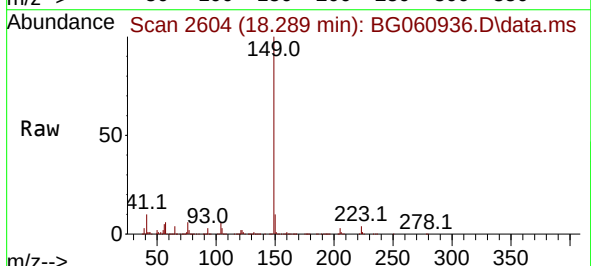
Tgt Ion:149 Resp: 1011868

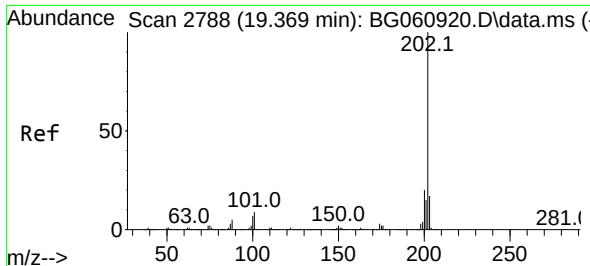
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.5 4.6 6.8

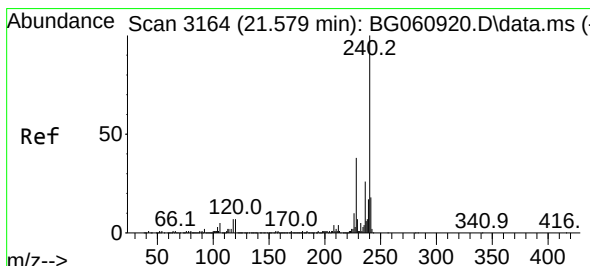
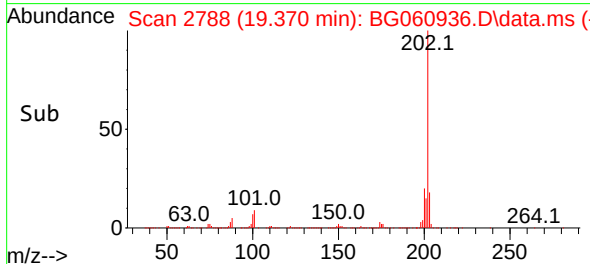
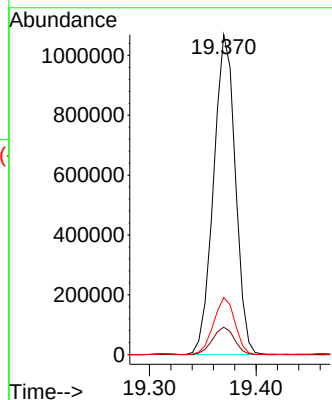
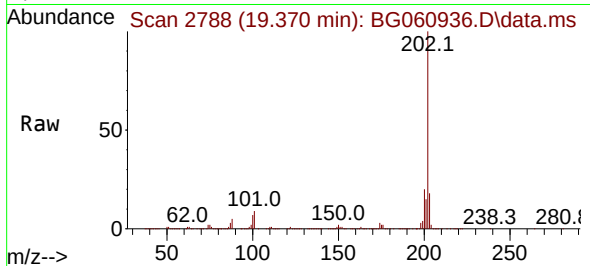




#75
Fluoranthene
Concen: 53.855 ng
RT: 19.370 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

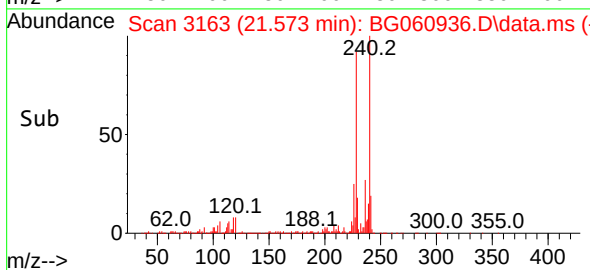
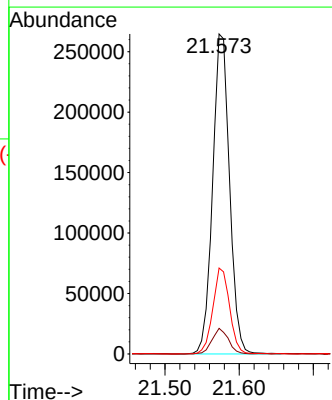
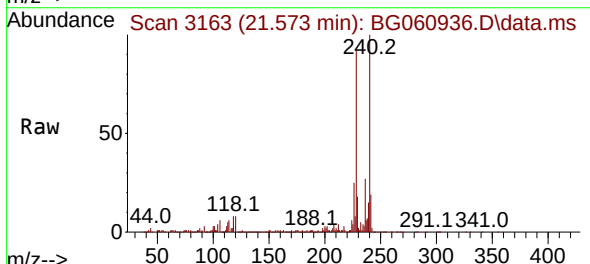
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

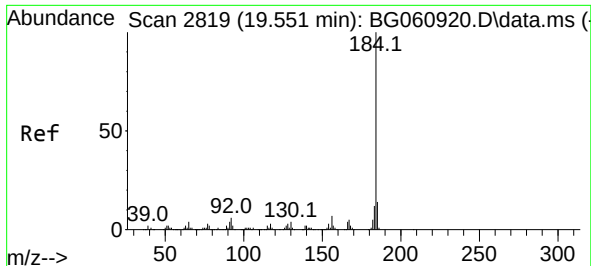
Tgt Ion:202 Resp: 1512263
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:240 Resp: 418667
Ion Ratio Lower Upper
240 100
120 8.0 5.7 8.5
236 26.9 21.1 31.7

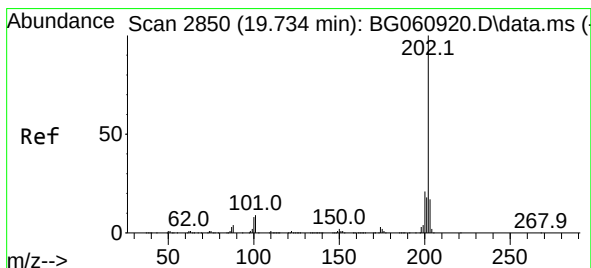
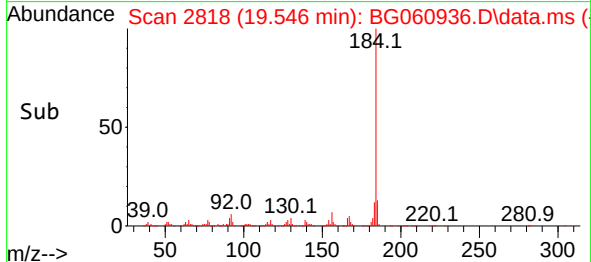
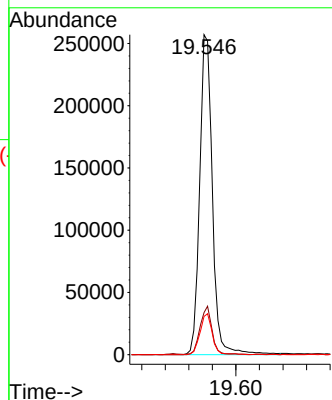
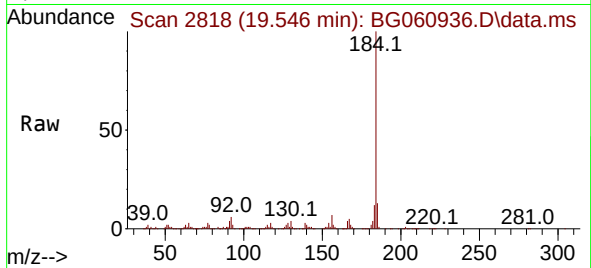




#77
Benzidine
Concen: 41.721 ng
RT: 19.546 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

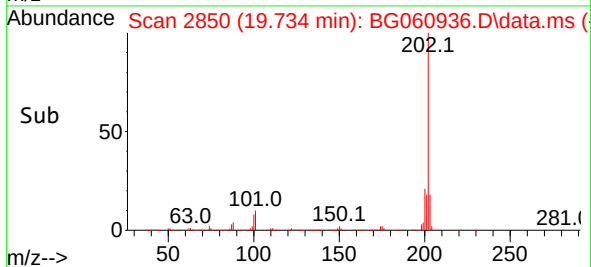
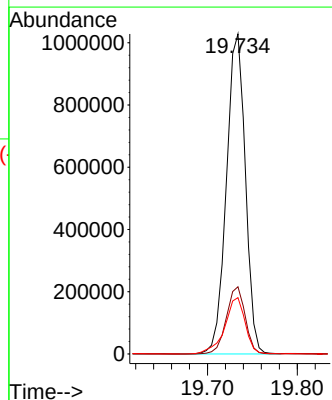
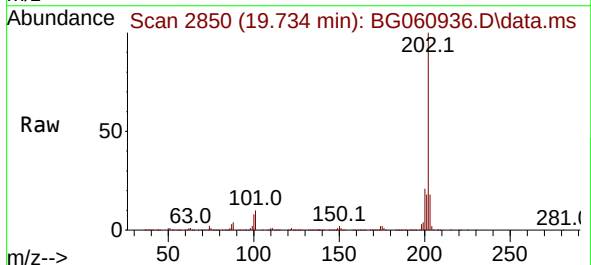
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

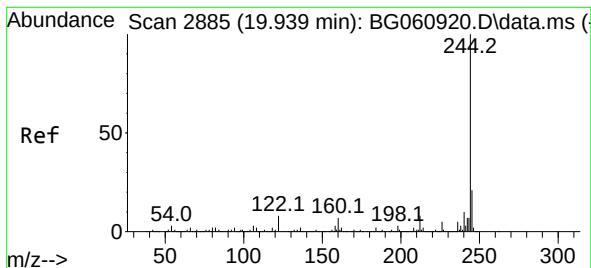
Tgt Ion:184 Resp: 385276
Ion Ratio Lower Upper
184 100
185 13.2 11.4 17.0
183 11.9 9.4 14.2



#78
Pyrene
Concen: 52.480 ng
RT: 19.734 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:202 Resp: 1507215
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 61.296 ng

RT: 19.940 min Scan# 2885

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

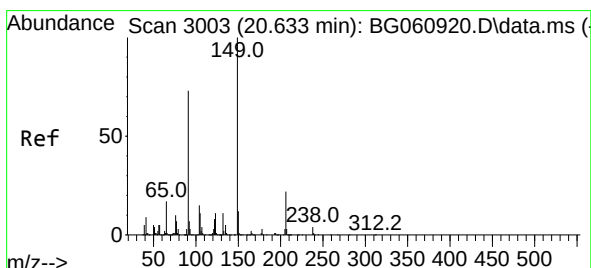
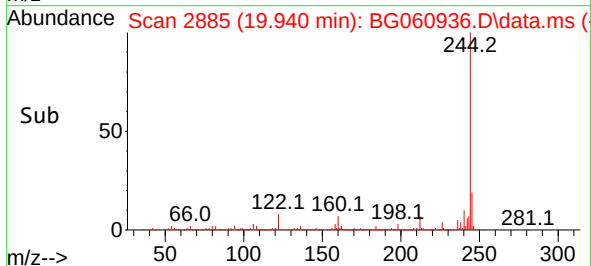
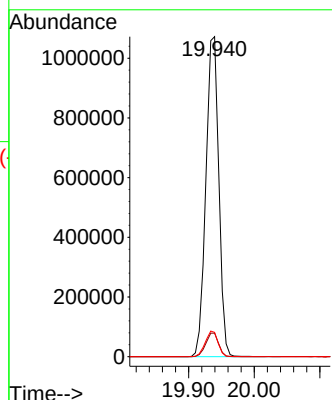
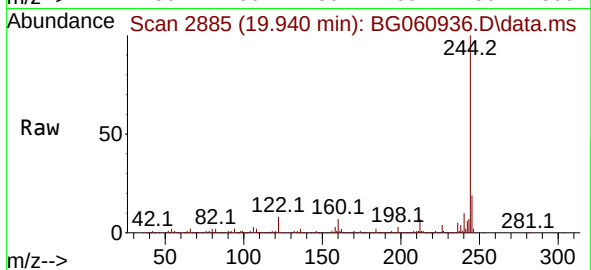
Tgt Ion:244 Resp: 1470445

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 7.6 6.6 9.8



#80

Butylbenzylphthalate

Concen: 42.444 ng

RT: 20.633 min Scan# 3003

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

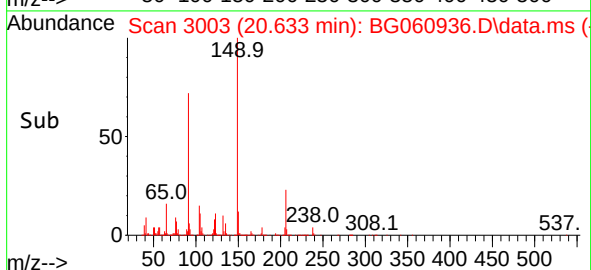
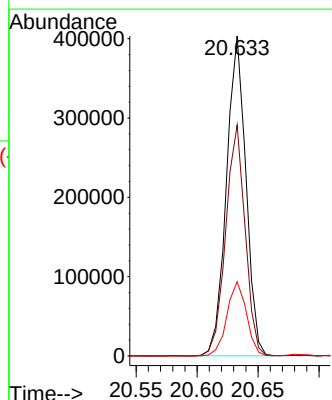
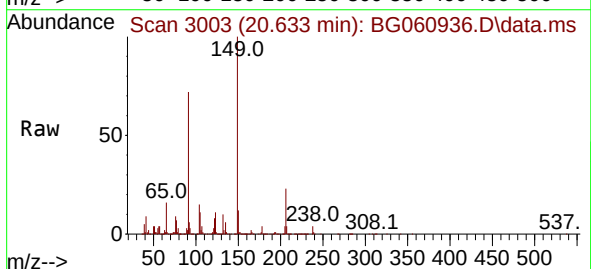
Tgt Ion:149 Resp: 447727

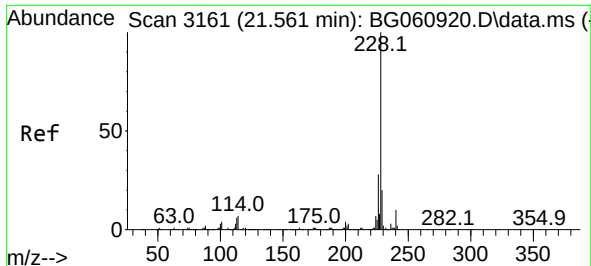
Ion Ratio Lower Upper

149 100

91 72.2 58.7 88.1

206 23.2 18.0 27.0

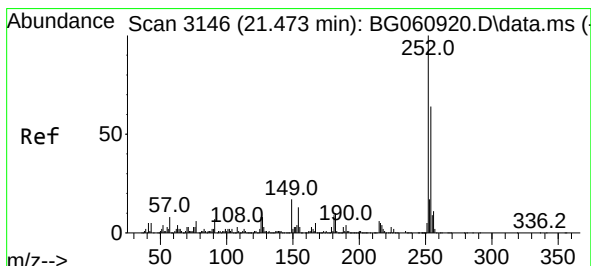
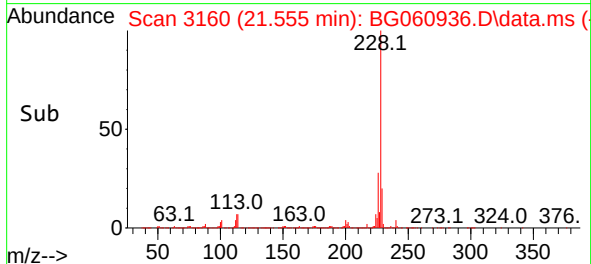
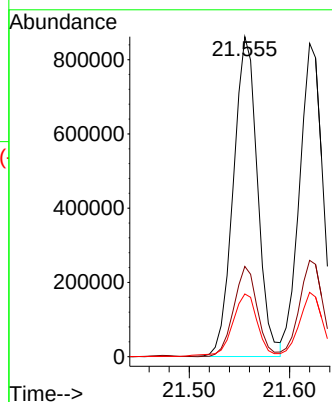
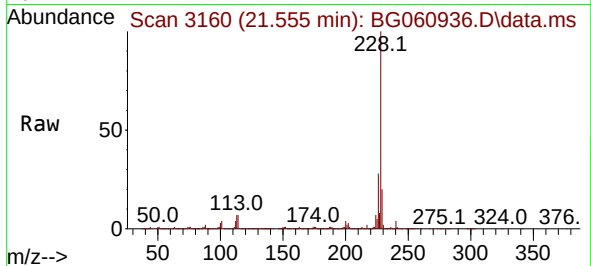




#81
Benzo(a)anthracene
Concen: 48.717 ng
RT: 21.555 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

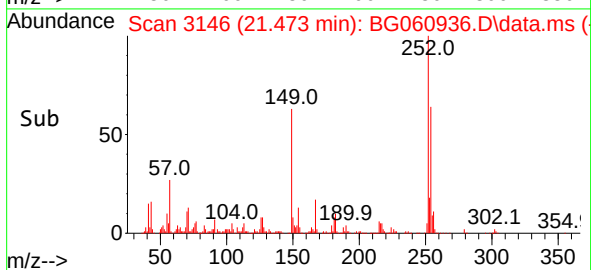
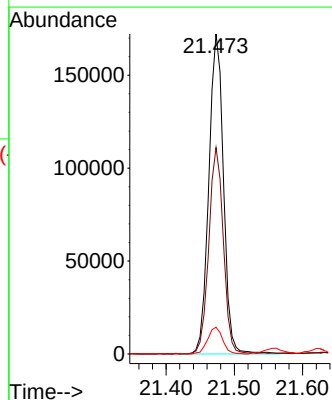
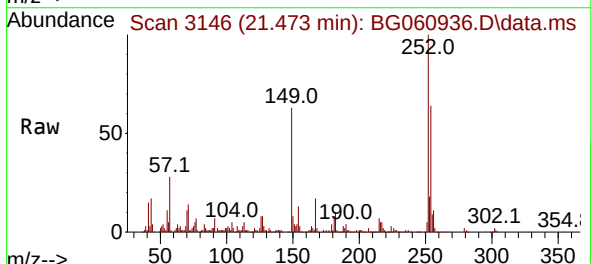
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

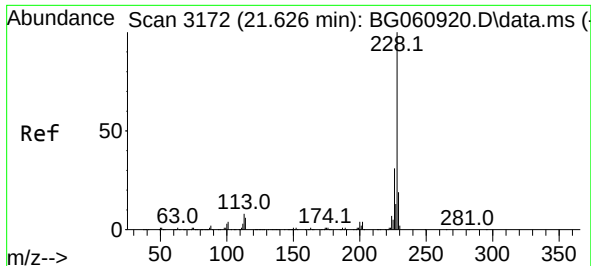
Tgt Ion:228 Resp: 1440283
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 24.467 ng
RT: 21.473 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:252 Resp: 257586
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 8.4 6.5 9.7





#83

Chrysene

Concen: 47.726 ng

RT: 21.620 min Scan# 3172

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

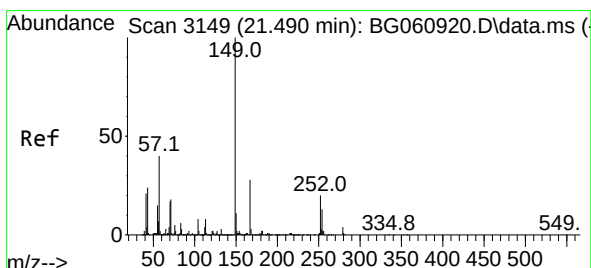
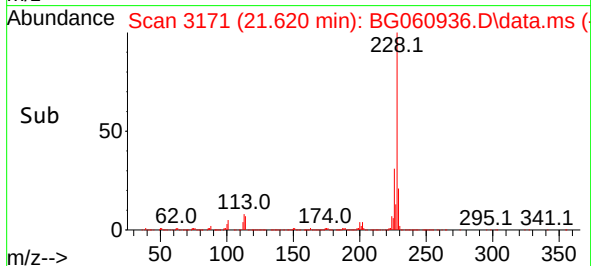
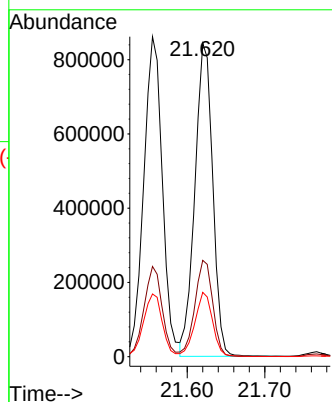
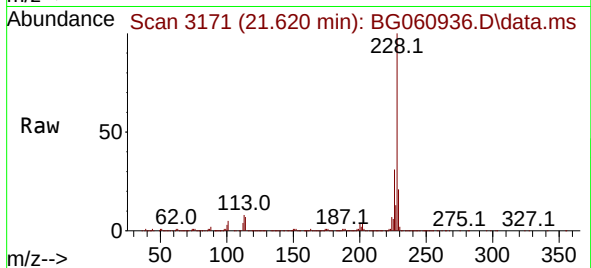
Tgt Ion:228 Resp: 1347197

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.862 ng

RT: 21.491 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

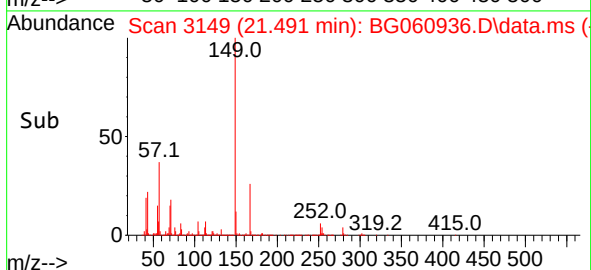
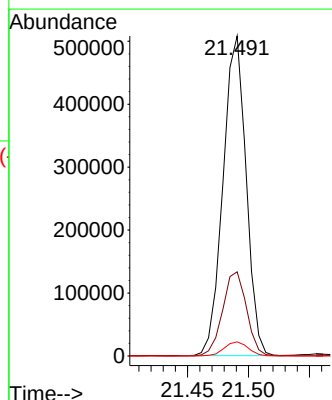
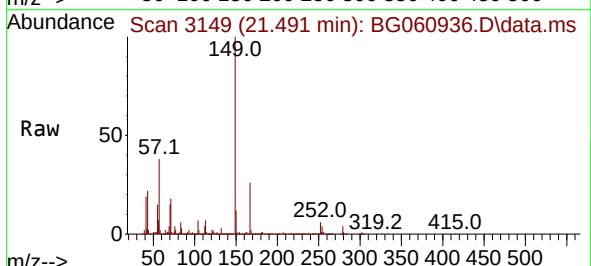
Tgt Ion:149 Resp: 668583

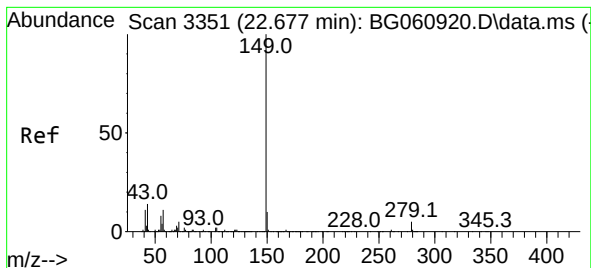
Ion Ratio Lower Upper

149 100

167 26.3 22.4 33.6

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 42.868 ng

RT: 22.678 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

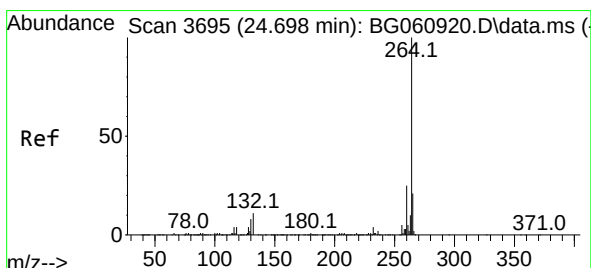
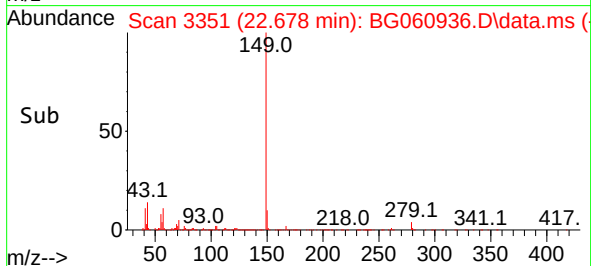
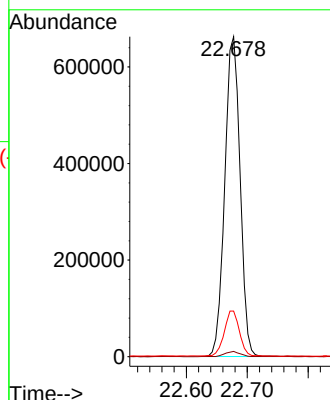
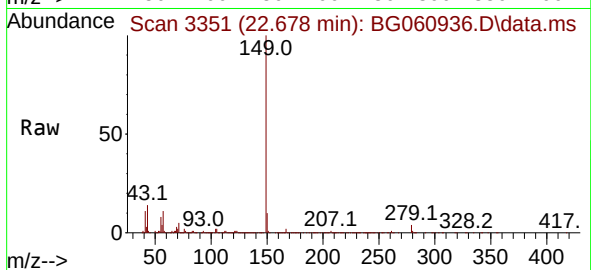
Tgt Ion:149 Resp: 1153776

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 14.1 11.2 16.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.693 min Scan# 3694

Delta R.T. -0.006 min

Lab File: BG060936.D

Acq: 18 Apr 2024 14:39

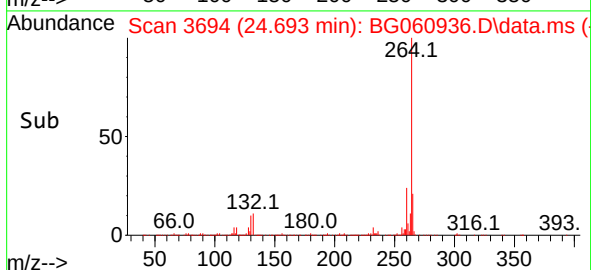
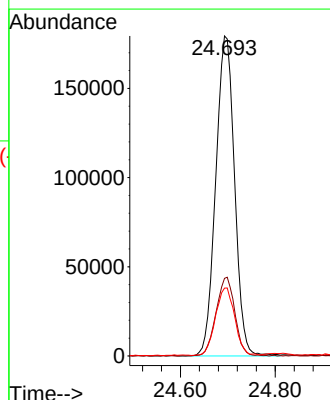
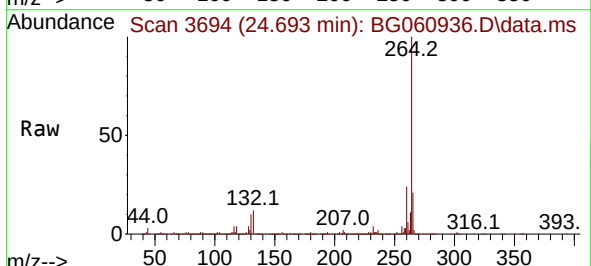
Tgt Ion:264 Resp: 495242

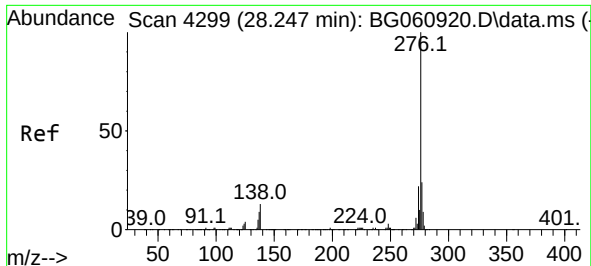
Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.2 16.6 25.0

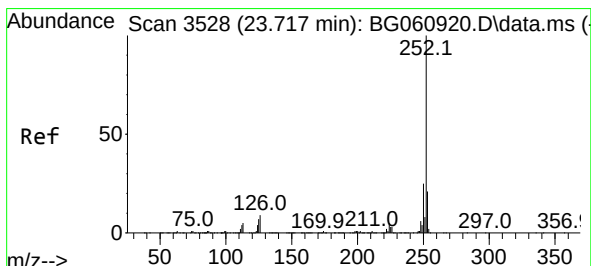
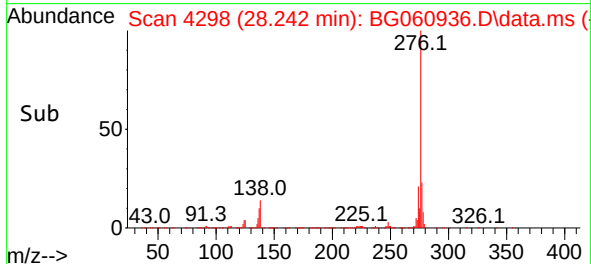
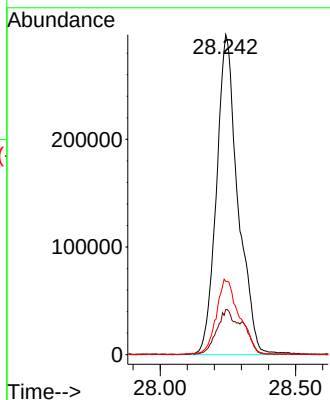
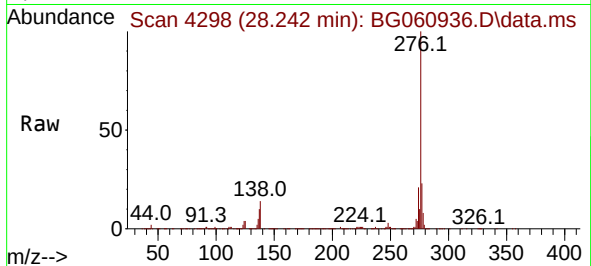




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.981 ng
 RT: 28.242 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG060936.D
 Acq: 18 Apr 2024 14:39

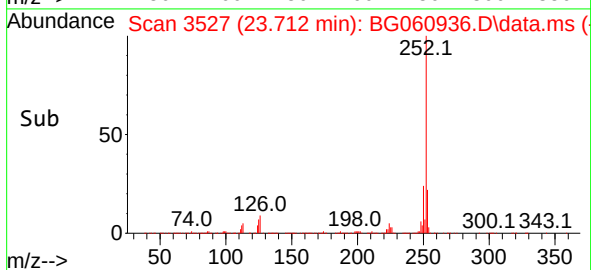
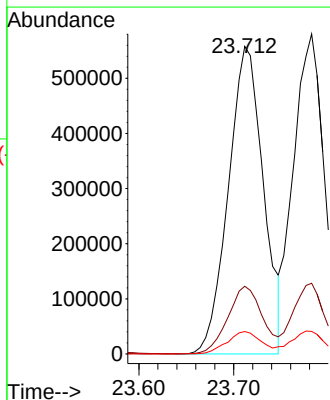
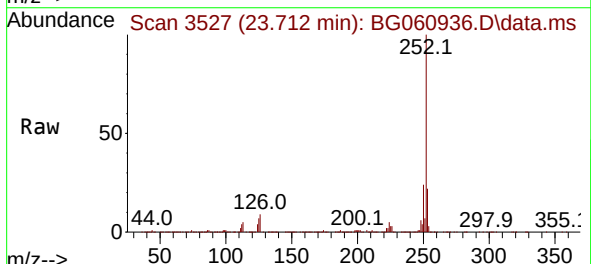
Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MSD

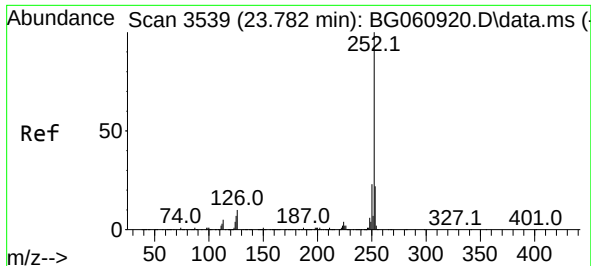
Tgt Ion:276 Resp: 1643188
 Ion Ratio Lower Upper
 276 100
 138 12.5 10.8 16.2
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 51.115 ng
 RT: 23.712 min Scan# 3527
 Delta R.T. -0.006 min
 Lab File: BG060936.D
 Acq: 18 Apr 2024 14:39

Tgt Ion:252 Resp: 1432265
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.8 25.2
 125 7.3 5.6 8.4

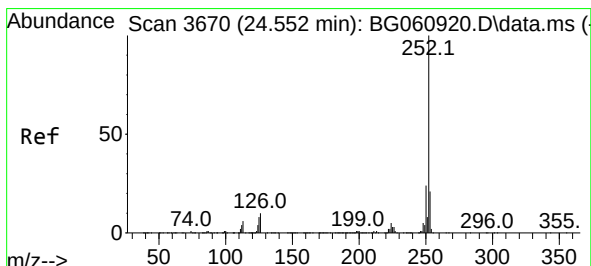
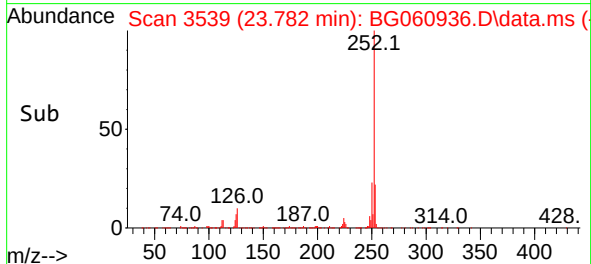
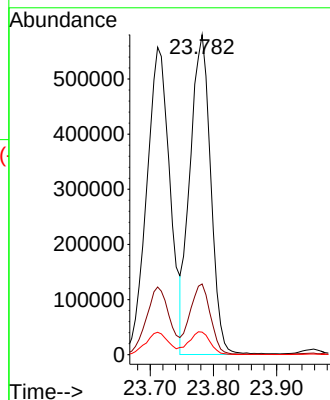
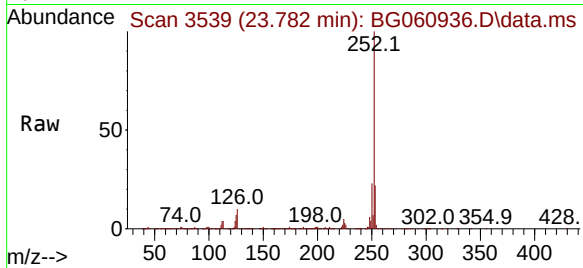




#89
Benzo(k)fluoranthene
Concen: 46.026 ng
RT: 23.782 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

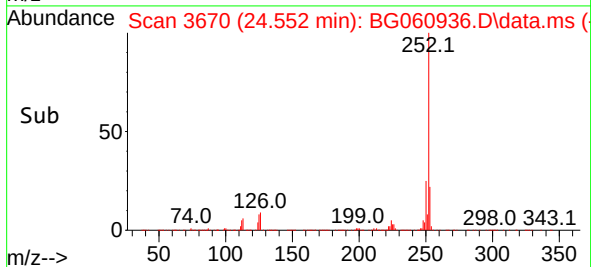
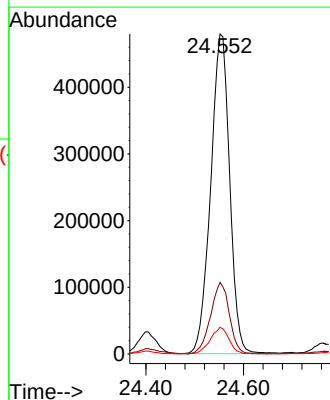
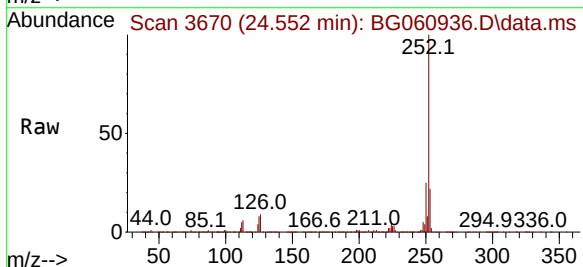
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

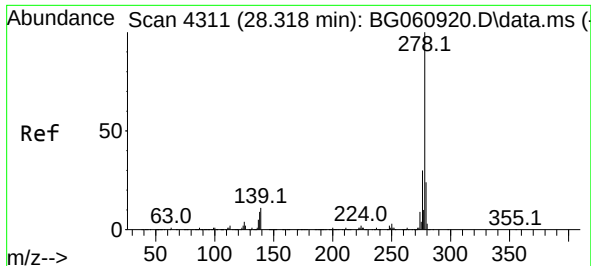
Tgt Ion:252 Resp: 1319348
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.0 5.8 8.8



#90
Benzo(a)pyrene
Concen: 46.820 ng
RT: 24.552 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:252 Resp: 1293449
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 8.4 6.1 9.1

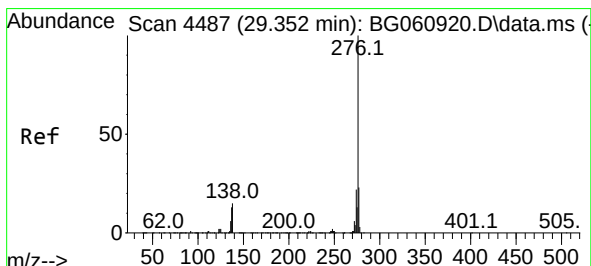
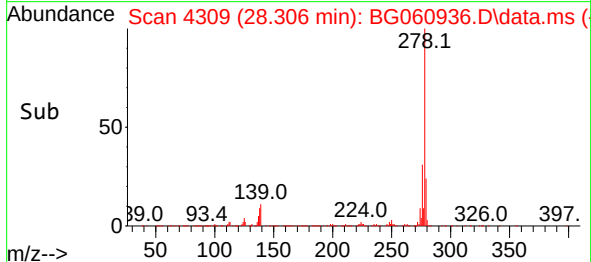
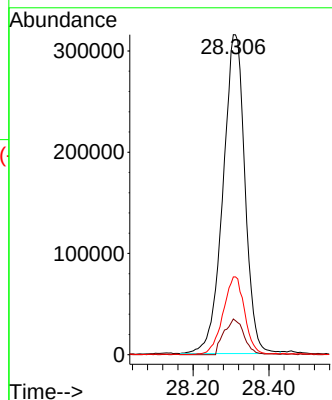
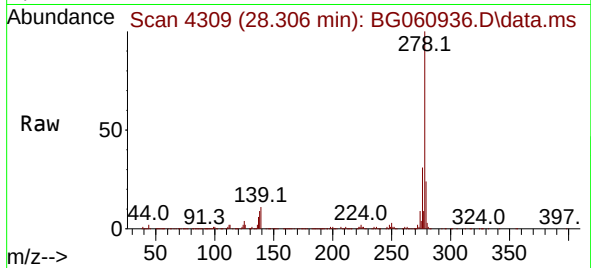




#91
Dibenzo(a,h)anthracene
Concen: 44.972 ng
RT: 28.306 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Tgt Ion:278 Resp: 1267756
Ion Ratio Lower Upper
278 100
139 11.2 8.6 12.8
279 24.3 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 46.396 ng
RT: 29.340 min Scan# 4485
Delta R.T. -0.011 min
Lab File: BG060936.D
Acq: 18 Apr 2024 14:39

Tgt Ion:276 Resp: 1278652
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 14.5 12.2 18.4

