

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061926.D
 Acq On : 6 Jul 2024 12:02
 Operator : MA/JU
 Sample : P2982-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MSD

Quant Time: Jul 08 01:42:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	33799	20.000	ng/u1	0.00
20) Naphthalene-d8	10.911	136	171921	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.718	164	127103	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	295473	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.722	240	256169	20.000	ng/u1	0.00
88) Perylene-d12	24.959	264	307053	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.490	96	159	0.177	ng/uL	0.00
4) Pyridine-d5	3.907	84	277	0.100	ng/u1	0.00
7) Phenol-d5	7.244	99	11481	3.104	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.421	67	7371	3.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.626	132	8438	3.326	ng/u1	0.00
15) 4-Methylphenol-d8	8.796	113	7076	2.430	ng/u1	0.00
21) Nitrobenzene-d5	9.260	128	5083	3.888	ng/u1	0.00
24) 2-Nitrophenol-d4	9.988	143	5436	3.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	11148	3.871	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	5403	1.292	ng/u1	0.00
46) Dimethylphthalate-d6	14.113	166	38687	3.702	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	37241	3.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.906	143	4929	2.954	ng/u1	0.00
60) Fluorene-d10	15.705	176	32949	3.746	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	4755	3.064	ng/u1	-0.02
73) Anthracene-d10	17.556	188	48312	3.502	ng/u1	0.00
81) Pyrene-d10	19.836	212	49375	3.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.736	264	21124	1.387	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.519	88	1117	1.125	ng/uL#	87
6) Benzaldehyde	7.227	77	5468	2.793	ng/u1#	77
8) Phenol	7.280	94	14679	3.876	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.515	93	9186	3.158	ng/u1	95
12) 2-Chlorophenol	7.662	128	10498	4.061	ng/u1#	84
13) 2-Methylphenol	8.531	108	8535	3.158	ng/u1#	74
14) 2,2'-oxybis(1-Chloropr...	8.625	45	23218	3.653	ng/u1#	96
16) Acetophenone	8.919	105	19186	3.988	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.895	70	10213	3.792	ng/u1#	80
18) 4-Methylphenol	8.860	108	10560	3.489	ng/u1	95
19) Hexachloroethane	9.177	117	3364	3.000	ng/u1#	75
22) Nitrobenzene	9.301	77	15395	4.148	ng/u1	92
23) Isophorone	9.818	82	29261	3.490	ng/u1#	90
25) 2-Nitrophenol	10.018	139	3147	2.067	ng/u1#	59
27) Bis(2-Chloroethoxy)met...	10.306	93	15694	3.399	ng/u1	98
29) 2,4-Dichlorophenol	10.552	162	12643	4.673	ng/u1#	93
30) Naphthalene	10.958	128	40481	4.287	ng/u1#	94
32) 4-Chloroaniline	11.063	127	8732	2.128	ng/u1	93
33) Hexachlorobutadiene	11.234	225	9109	4.474	ng/u1	98
35) 4-Chloro-3-methylphenol	12.180	107	15912	4.416	ng/u1#	74
36) 2-Methylnaphthalene	12.556	142	29862	4.365	ng/u1	96
37) 1-Methylnaphthalene	12.773	142	30561	4.298	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.920	216	17277	4.526	ng/u1#	95
41) 2,4,6-Trichlorophenol	13.155	196	11170	4.406	ng/u1	93

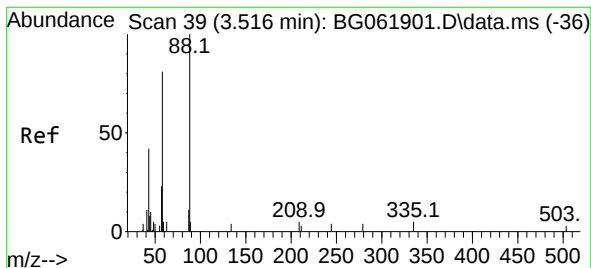
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.155	196	10486	3.765	ng/ul	98
43) 1,1'-Biphenyl	13.555	154	43868	4.479	ng/ul	97
44) 2-Chloronaphthalene	13.602	162	32094	4.367	ng/ul	98
45) 2-Nitroaniline	13.801	65	13338	4.532	ng/ul	93
47) Dimethylphthalate	14.166	163	41564	4.135	ng/ul	96
48) 2,6-Dinitrotoluene	14.289	165	9644	5.058	ng/ul	95
50) Acenaphthylene	14.442	152	50324	4.196	ng/ul#	94
51) 3-Nitroaniline	14.618	138	8764	4.722	ng/ul#	78
52) Acenaphthene	14.777	153	36360	4.391	ng/ul	89
53) 2,4-Dinitrophenol	14.824	184	2250	2.259	ng/ul#	79
55) 4-Nitrophenol	14.924	109	9603	5.042	ng/ul	91
56) Dibenzofuran	15.112	168	53255	4.550	ng/ul	100
57) 2,4-Dinitrotoluene	15.070	165	13217	4.727	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.335	232	11198	4.453	ng/ul#	85
59) Diethylphthalate	15.517	149	45116	4.165	ng/ul	95
61) Fluorene	15.764	166	46603	4.682	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.752	204	23604	4.721	ng/ul	94
63) 4-Nitroaniline	15.776	138	8785	4.665	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.828	198	5886	3.524	ng/ul#	80
67) N-Nitrosodiphenylamine	15.964	169	36573	4.532	ng/ul	95
68) 4-Bromophenyl-phenylether	16.645	248	15549	4.639	ng/ul	94
69) Hexachlorobenzene	16.757	284	15074	3.911	ng/ul#	81
70) Atrazine	16.904	200	10466	3.286	ng/ul	93
71) Pentachlorophenol	17.115	266	6244	2.947	ng/ul#	65
72) Phenanthrene	17.497	178	95176	6.109	ng/ul	93
74) Anthracene	17.591	178	70443	4.375	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.519	216	18155	4.947	ng/ul	91
76) Pentachlorobenzene	15.029	250	17224	4.115	ng/ul	98
77) Carbazole	17.855	167	58950	4.351	ng/ul	96
78) Di-n-butylphthalate	18.408	149	86138	4.951	ng/ul	97
80) Fluoranthene	19.501	202	138936	7.792	ng/ul#	92
82) Pyrene	19.865	202	107813	5.853	ng/ul	98
83) Butylbenzylphthalate	20.740	149	36617	4.737	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.610	252	19086	3.132	ng/ul	90
85) Benzo(a)anthracene	21.698	228	111501	6.012	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.598	149	59070	5.325	ng/ul#	99
87) Chrysene	21.769	228	111364	6.414	ng/ul	98
89) Di-n-octyl phthalate	22.814	149	91028	4.853	ng/ul	100
90) Benzo(b)fluoranthene	23.925	252	134509	6.953	ng/ul	97
91) Benzo(k)fluoranthene	23.995	252	104768	5.431	ng/ul	98
93) Benzo(a)pyrene	24.806	252	51351	2.803	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.643	276	59567	2.545	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.713	278	52689	2.725	ng/ul#	94

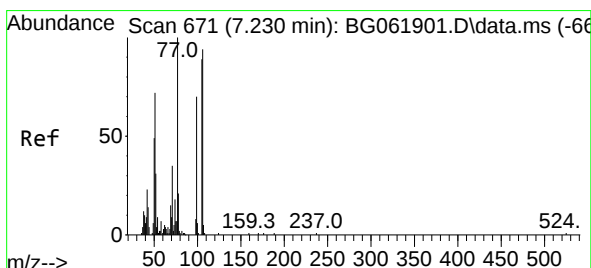
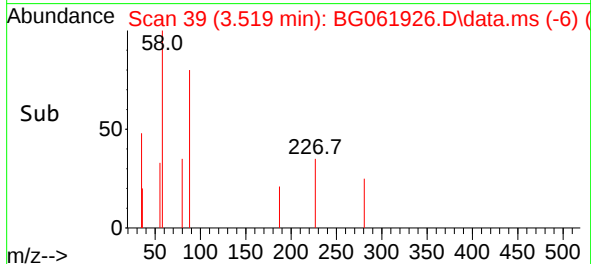
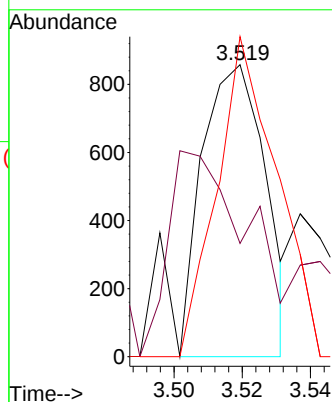
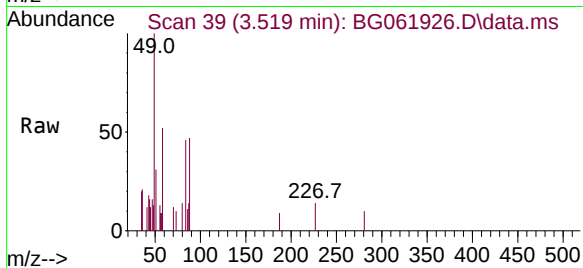
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#2
1,4-Dioxane
Concen: 1.125 ng/uL
RT: 3.519 min Scan# 39
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

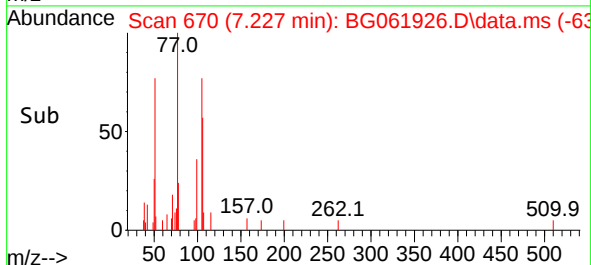
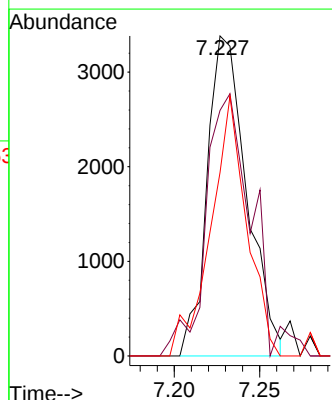
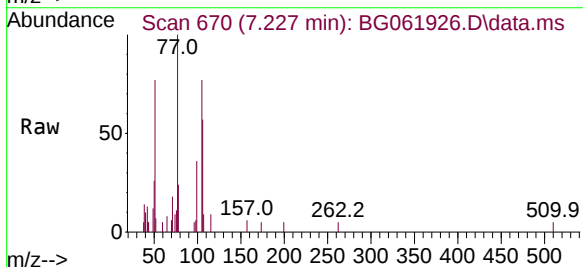
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

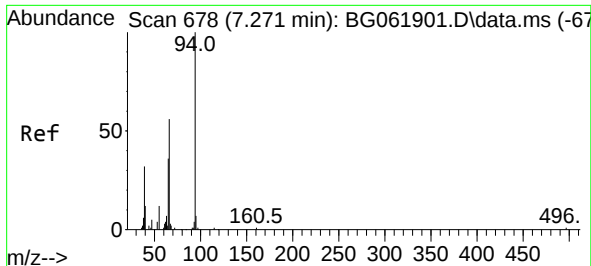
Tgt Ion: 88 Resp: 1117
Ion Ratio Lower Upper
88 100
43 38.8 39.4 59.2#
58 109.6 78.1 117.1



#6
Benzaldehyde
Concen: 2.793 ng/uL
RT: 7.227 min Scan# 670
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion: 77 Resp: 5468
Ion Ratio Lower Upper
77 100
105 76.8 79.6 119.4#
106 57.4 62.6 93.8#





#8

Phenol

Concen: 3.876 ng/ul

RT: 7.280 min Scan# 61

Delta R.T. 0.002 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

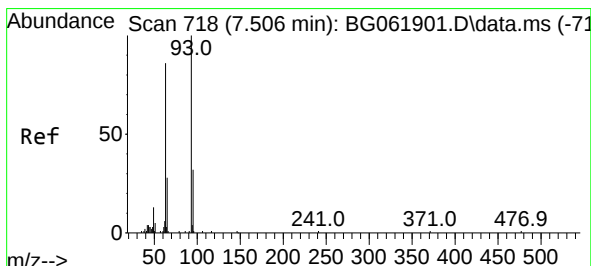
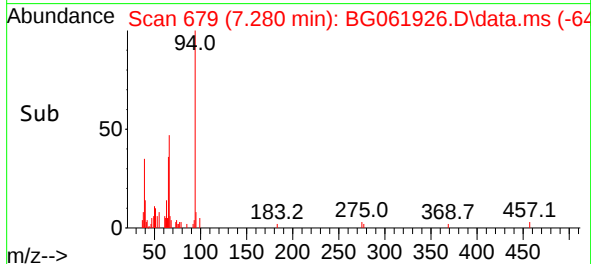
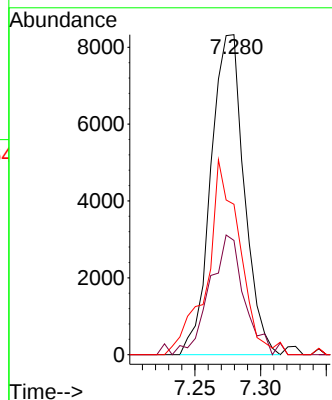
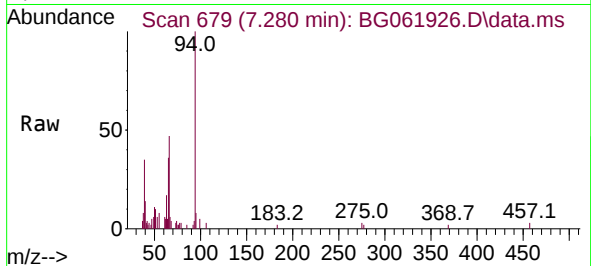
Tgt Ion: 94 Resp: 14679

Ion Ratio Lower Upper

94 100

65 35.7 29.0 43.4

66 47.0 37.4 56.2



#10

Bis(2-Chloroethyl)ether

Concen: 3.158 ng/ul

RT: 7.515 min Scan# 719

Delta R.T. 0.002 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

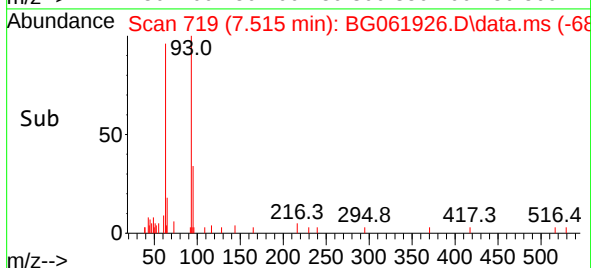
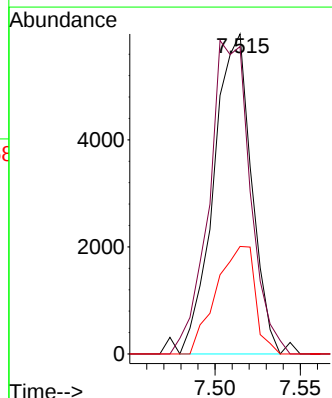
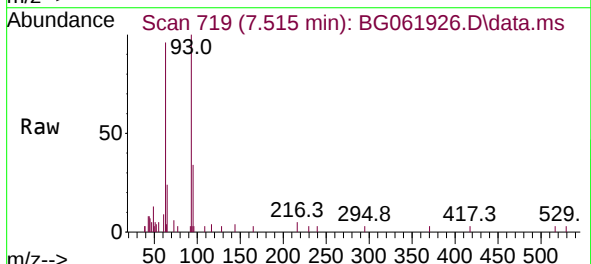
Tgt Ion: 93 Resp: 9186

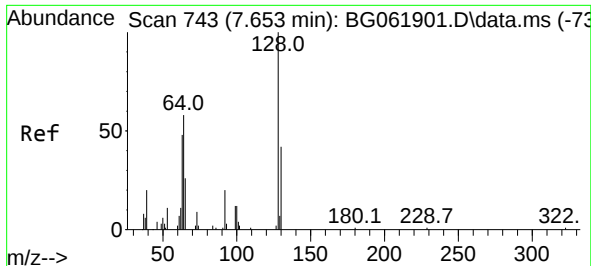
Ion Ratio Lower Upper

93 100

63 96.0 72.2 108.2

95 33.6 26.7 40.1

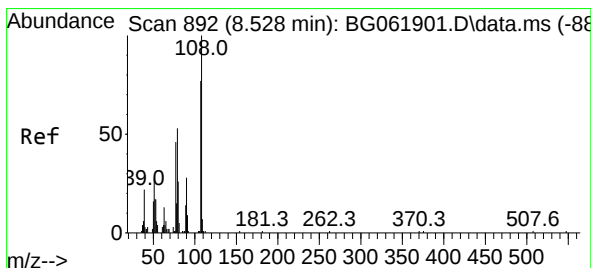
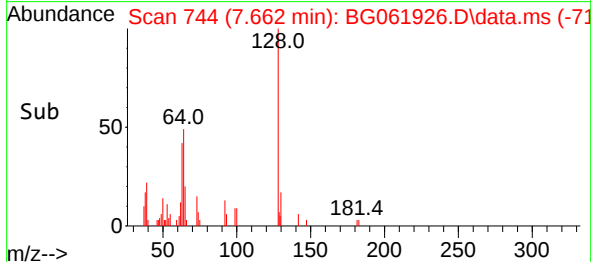
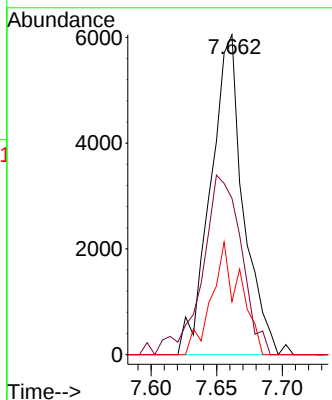
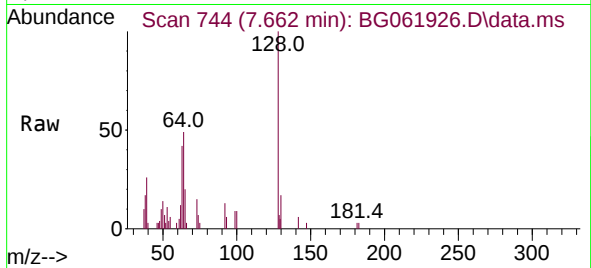




#12
2-Chlorophenol
Concen: 4.061 ng/ul
RT: 7.662 min Scan# 743
Delta R.T. 0.002 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

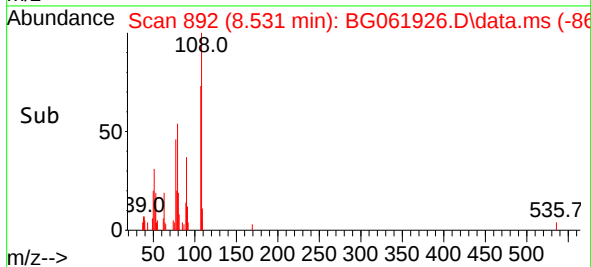
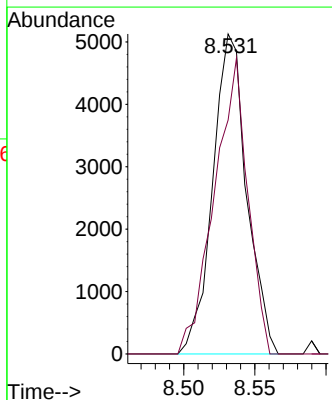
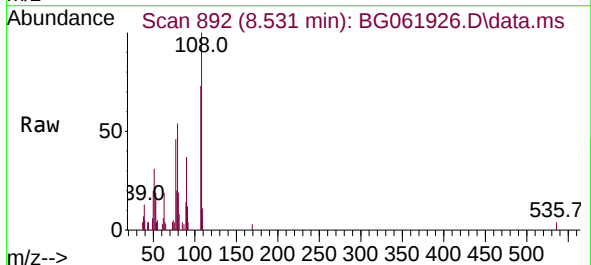
Instrument :
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ClientSampleId :
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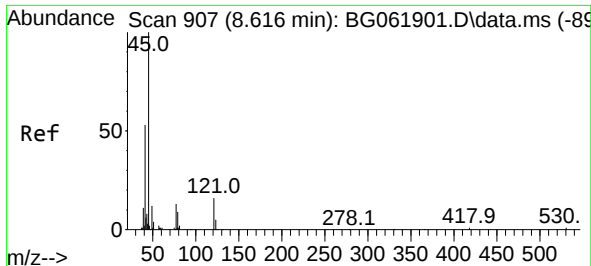
Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.6	42.6	63.8
130	15.5	23.3	34.9



#13
2-Methylphenol
Concen: 3.158 ng/ul
RT: 8.531 min Scan# 892
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion	Ratio	Lower	Upper
108	100		
107	68.9	74.9	112.3

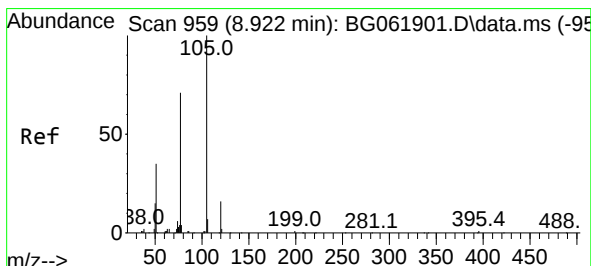
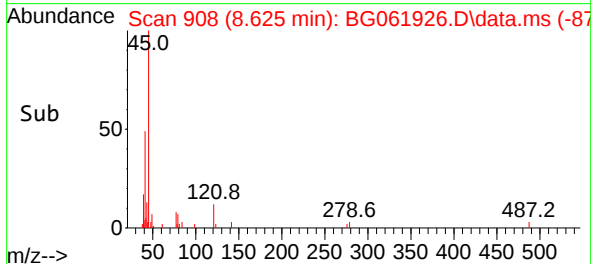
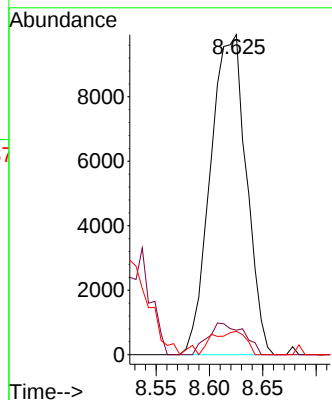
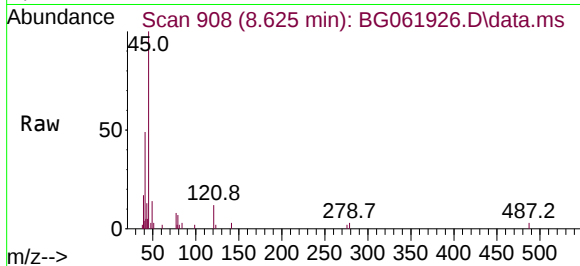




#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.653 ng/ul
RT: 8.625 min Scan# 907
Delta R.T. 0.002 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

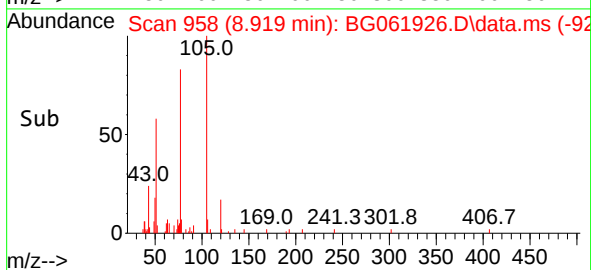
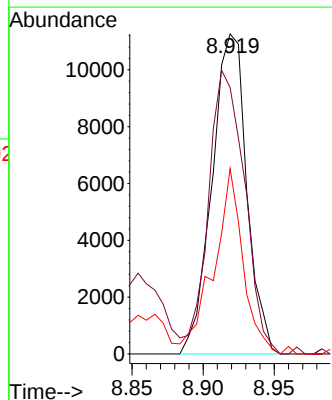
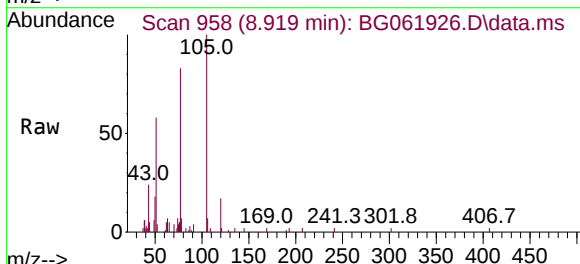
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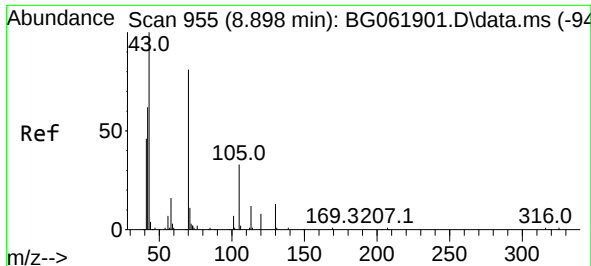
Tgt Ion: 45 Resp: 23218
Ion Ratio Lower Upper
45 100
77 7.6 7.4 11.0
79 7.3 4.8 7.2#



#16
Acetophenone
Concen: 3.988 ng/ul
RT: 8.919 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion: 105 Resp: 19186
Ion Ratio Lower Upper
105 100
77 83.3 64.1 96.1
51 57.9 33.8 50.8#

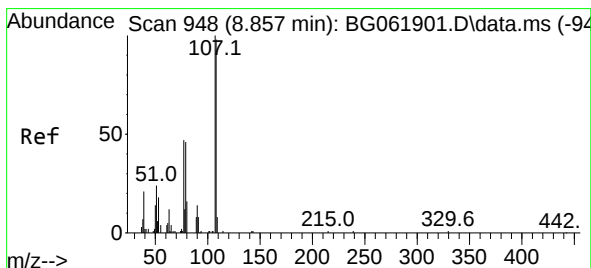
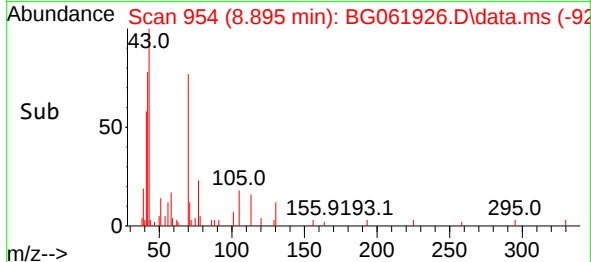
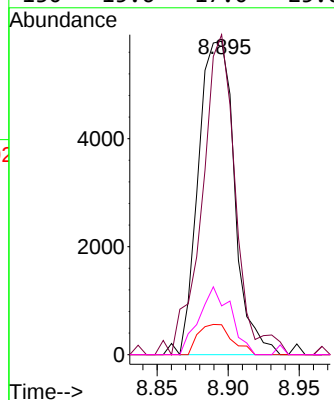
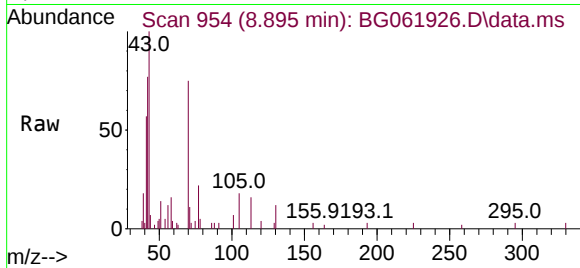




#17
N-Nitroso-di-n-propylamine
Concen: 3.792 ng/ul
RT: 8.895 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

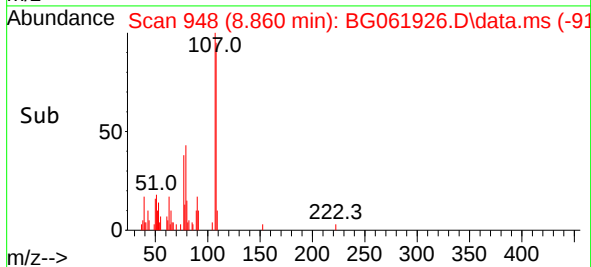
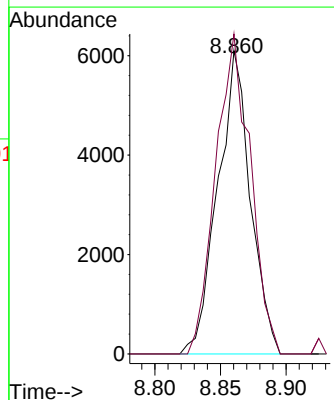
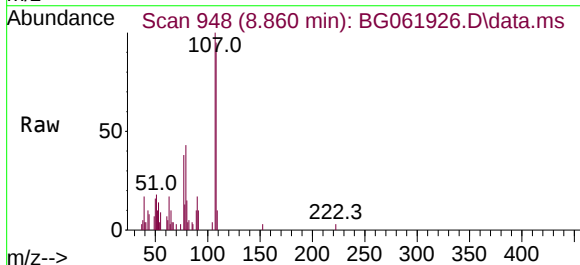
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

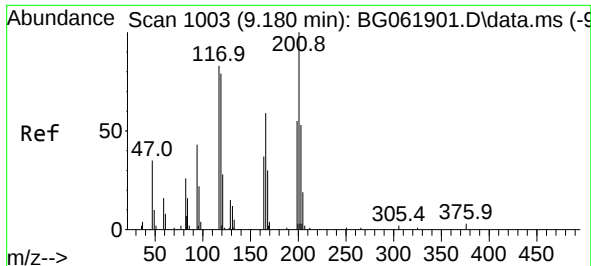
Tgt Ion: 70 Resp: 10213
Ion Ratio Lower Upper
70 100
42 102.1 64.7 97.1#
101 9.5 7.3 10.9
130 15.6 17.0 25.6#



#18
4-Methylphenol
Concen: 3.489 ng/ul
RT: 8.860 min Scan# 948
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion: 108 Resp: 10560
Ion Ratio Lower Upper
108 100
107 105.5 88.4 132.6

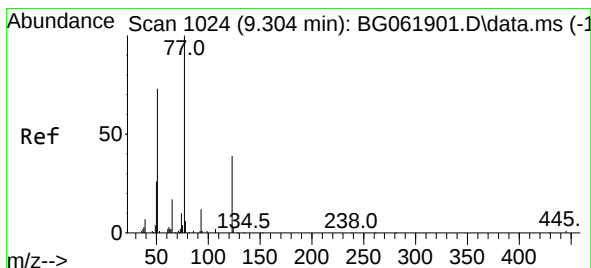
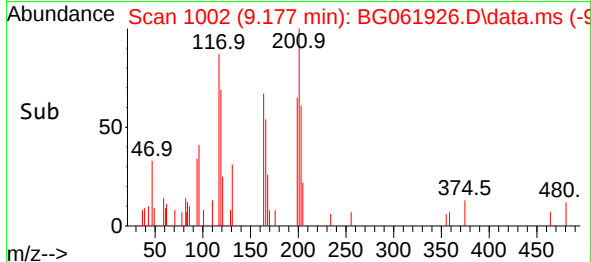
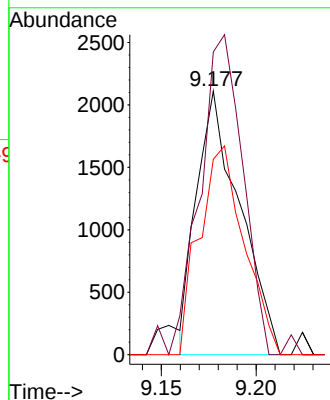
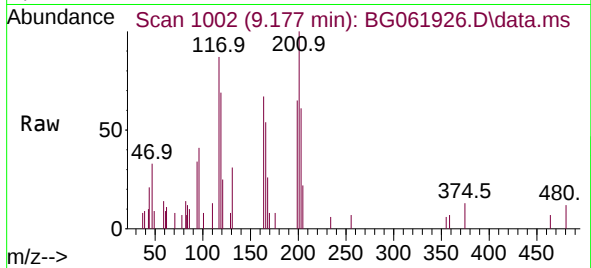




#19
Hexachloroethane
Concen: 3.000 ng/ul
RT: 9.177 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

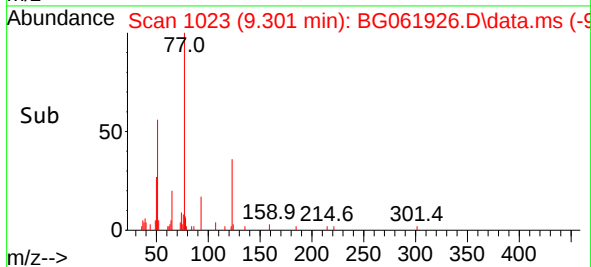
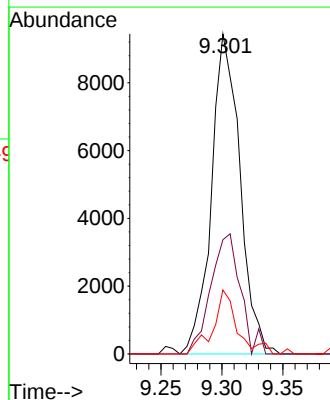
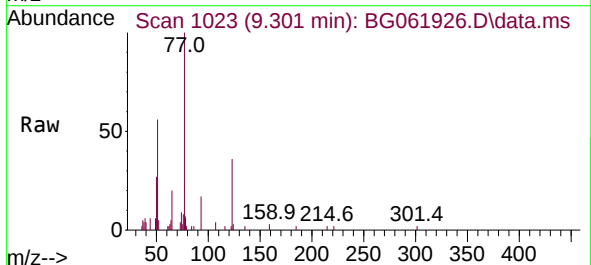
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

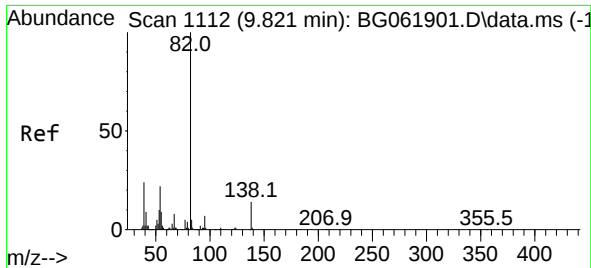
Tgt Ion:117 Resp: 3364
Ion Ratio Lower Upper
117 100
201 114.8 69.3 103.9#
199 74.1 48.9 73.3#



#22
Nitrobenzene
Concen: 4.148 ng/ul
RT: 9.301 min Scan# 1023
Delta R.T. -0.009 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion: 77 Resp: 15395
Ion Ratio Lower Upper
77 100
123 33.3 31.0 46.6
65 18.7 12.7 19.1

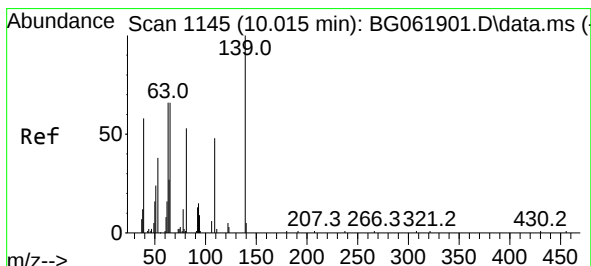
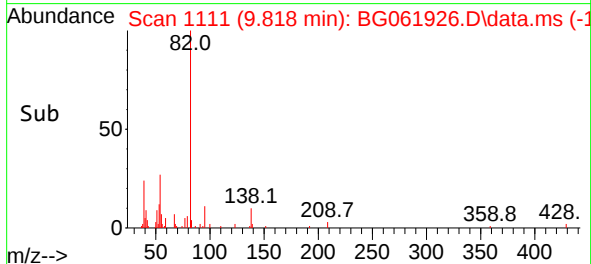
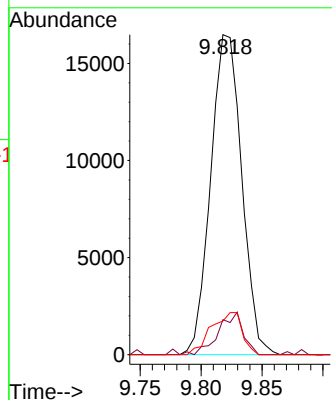
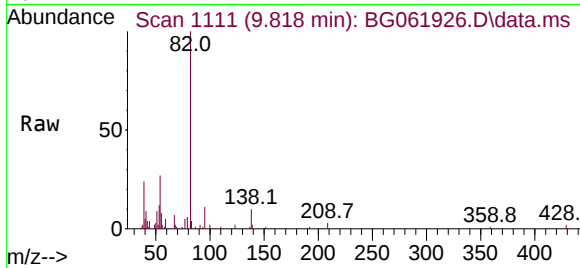




#23
Isophorone
Concen: 3.490 ng/ul
RT: 9.818 min Scan# 1112
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

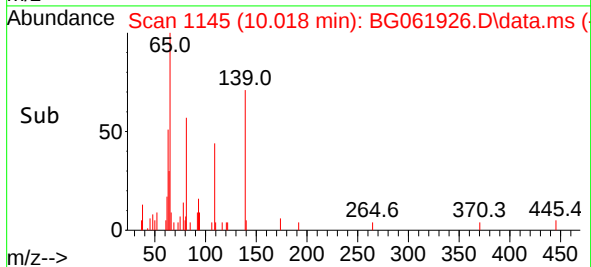
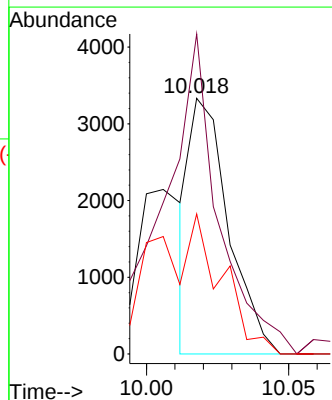
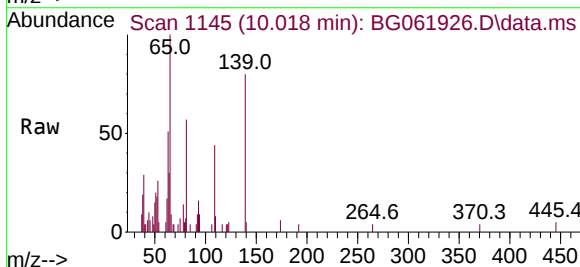
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

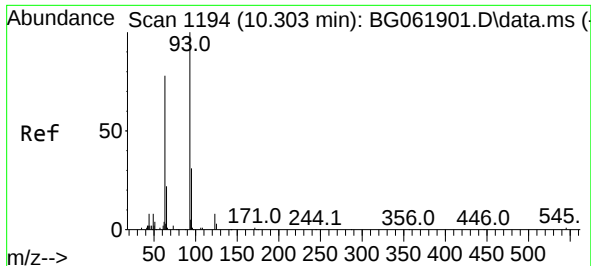
Tgt Ion: 82 Resp: 29261
Ion Ratio Lower Upper
82 100
95 10.9 6.0 9.0#
138 10.5 11.9 17.9#



#25
2-Nitrophenol
Concen: 2.067 ng/ul
RT: 10.018 min Scan# 1145
Delta R.T. 0.002 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion: 139 Resp: 3147
Ion Ratio Lower Upper
139 100
65 125.2 61.6 92.4#
109 54.8 35.4 53.2#





#27

Bis(2-Chloroethoxy)methane

Concen: 3.399 ng/ul

RT: 10.306 min Scan# 1194

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

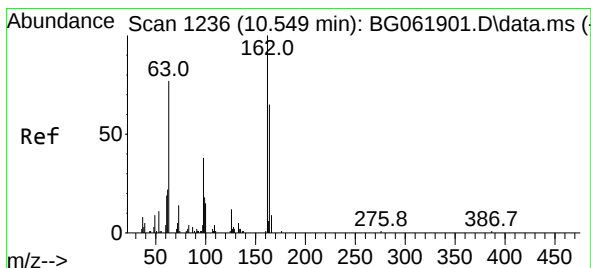
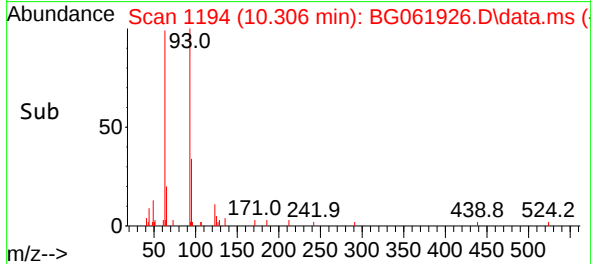
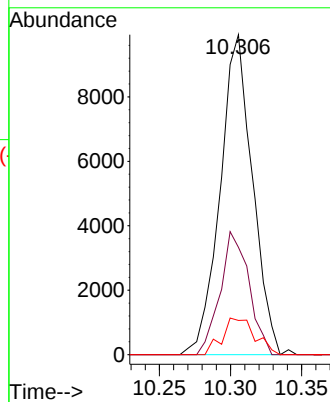
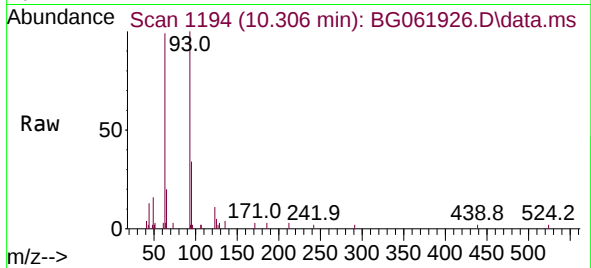
Tgt Ion: 93 Resp: 15694

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

123 10.7 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 4.673 ng/ul

RT: 10.552 min Scan# 1236

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

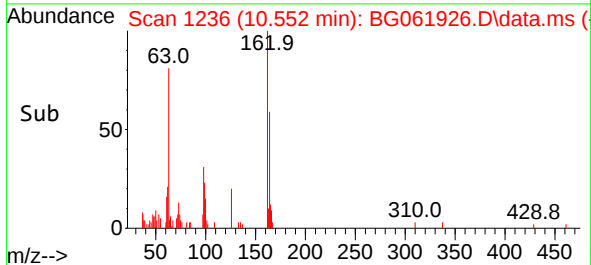
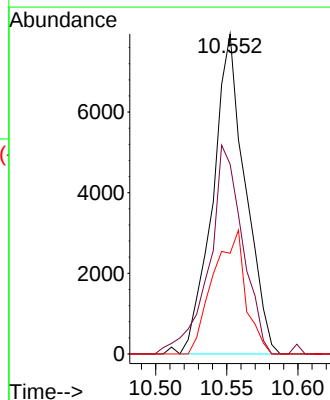
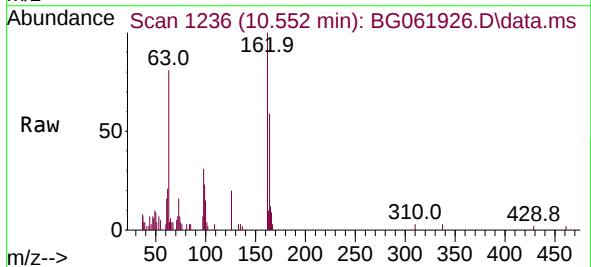
Tgt Ion:162 Resp: 12643

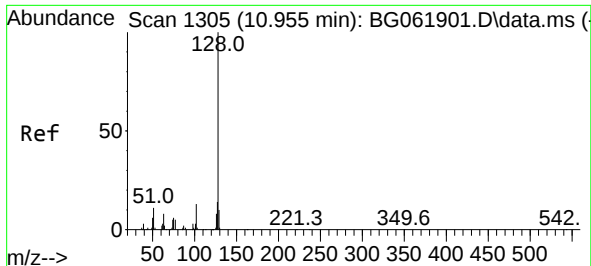
Ion Ratio Lower Upper

162 100

164 59.3 46.9 70.3

98 31.5 33.4 50.2#

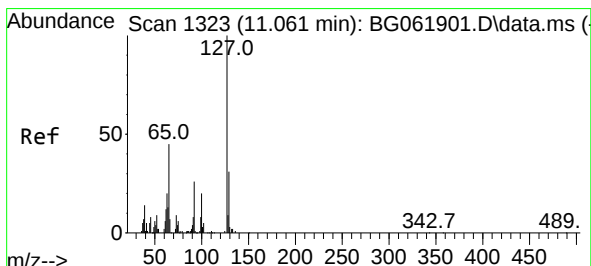
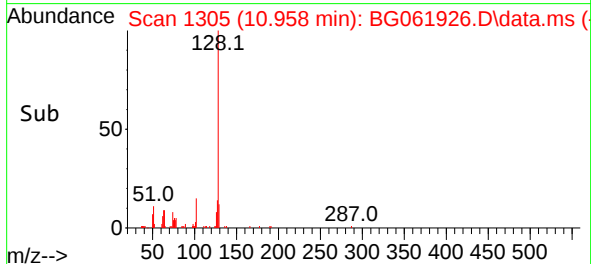
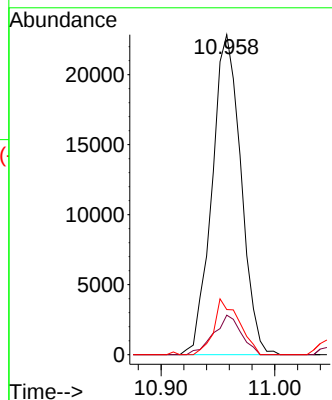
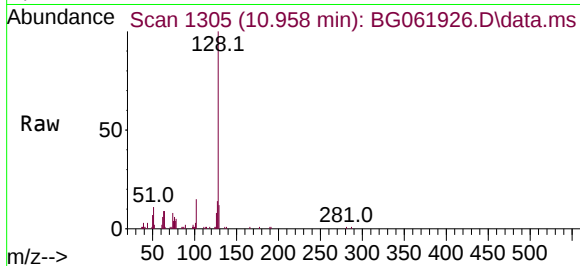




#30
Naphthalene
Concen: 4.287 ng/ul
RT: 10.958 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

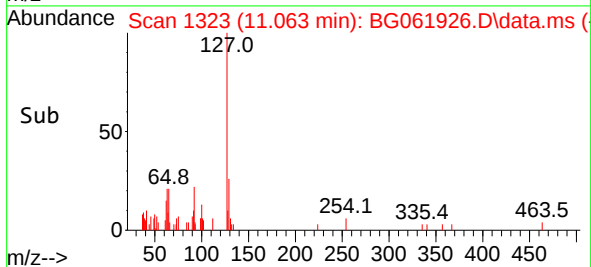
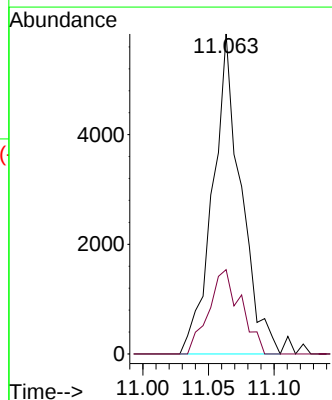
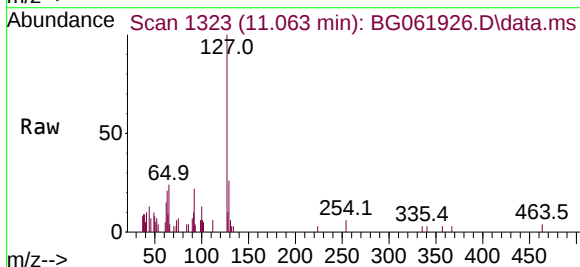
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

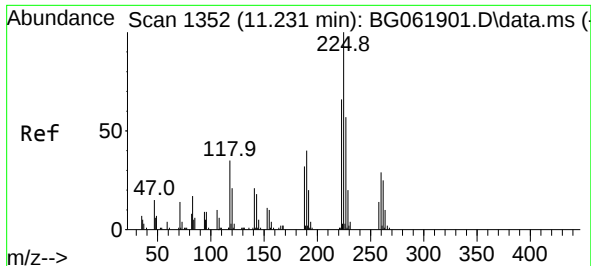
Tgt Ion:128 Resp: 40481
Ion Ratio Lower Upper
128 100
129 12.3 7.7 11.5#
127 14.1 9.6 14.4



#32
4-Chloroaniline
Concen: 2.128 ng/ul
RT: 11.063 min Scan# 1323
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

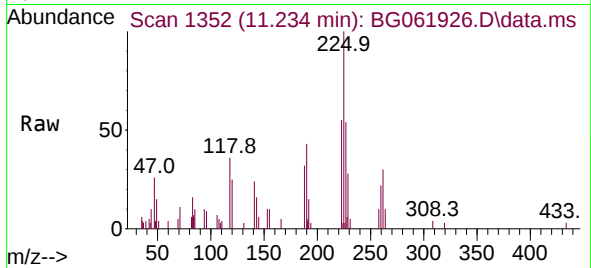
Tgt Ion:127 Resp: 8732
Ion Ratio Lower Upper
127 100
129 26.4 24.2 36.4



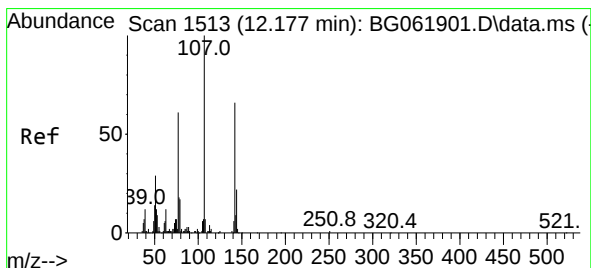
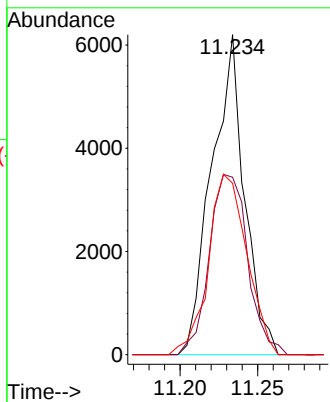
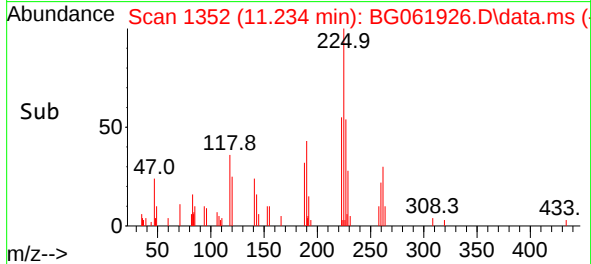


#33
Hexachlorobutadiene
Concen: 4.474 ng/ul
RT: 11.234 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

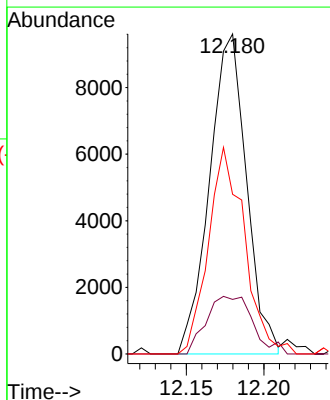
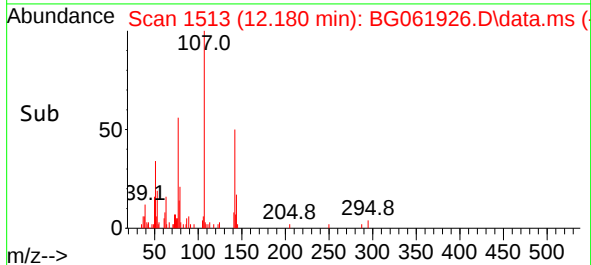
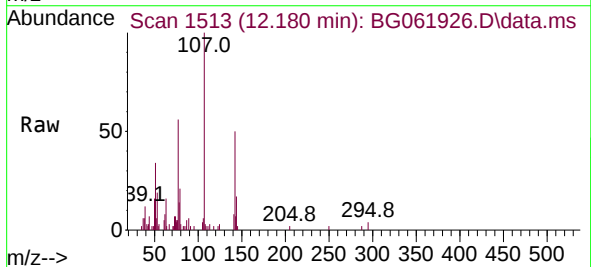


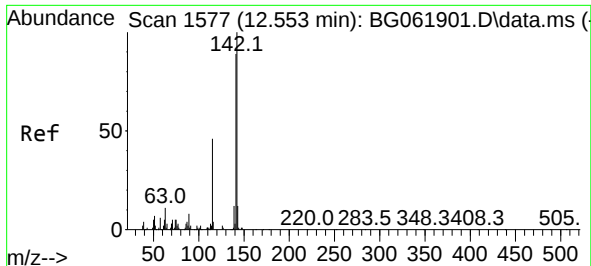
Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.4	45.4	68.2
227	53.5	44.0	66.0



#35
4-Chloro-3-methylphenol
Concen: 4.416 ng/ul
RT: 12.180 min Scan# 1513
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	17.1	19.6	29.4#
142	49.9	60.3	90.5#

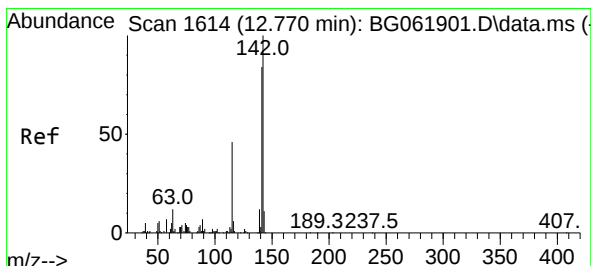
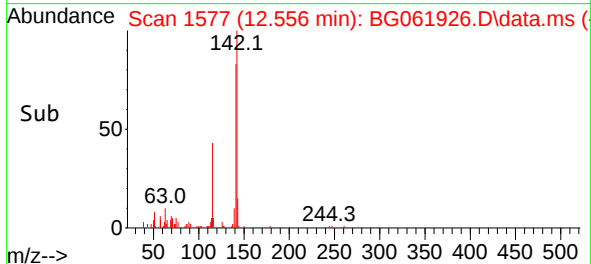
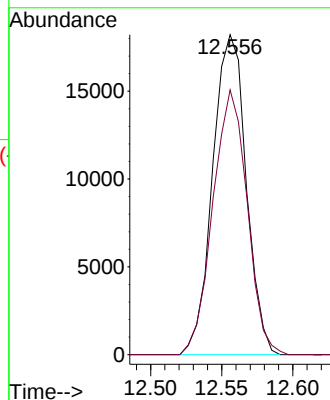
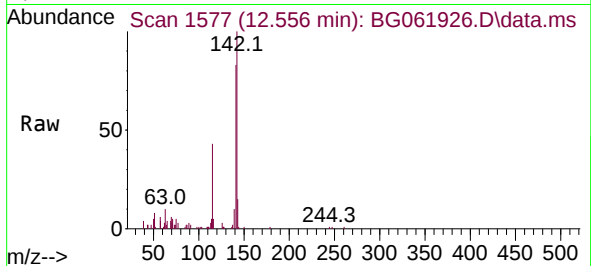




#36
2-Methylnaphthalene
Concen: 4.365 ng/ul
RT: 12.556 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

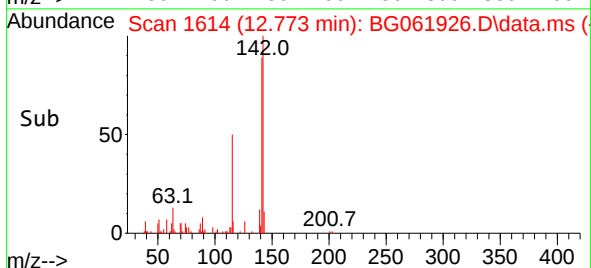
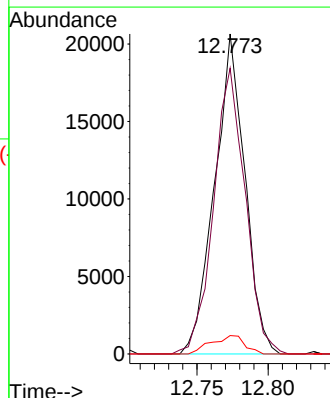
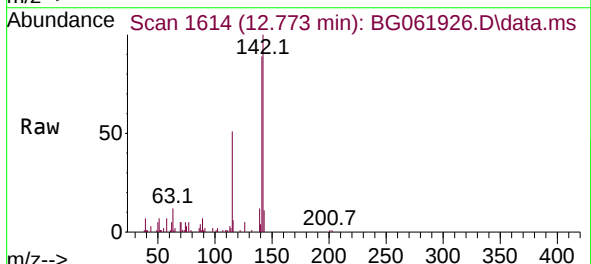
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

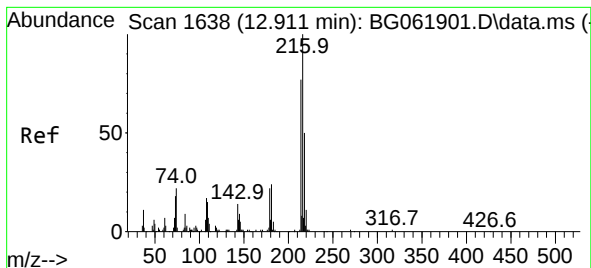
Tgt Ion:142 Resp: 29862
Ion Ratio Lower Upper
142 100
141 82.7 69.4 104.2



#37
1-Methylnaphthalene
Concen: 4.298 ng/ul
RT: 12.773 min Scan# 1614
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:142 Resp: 30561
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
116 5.7 3.8 5.8

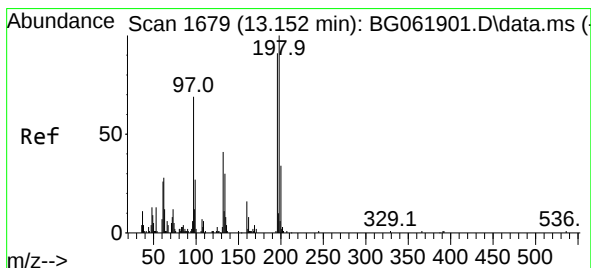
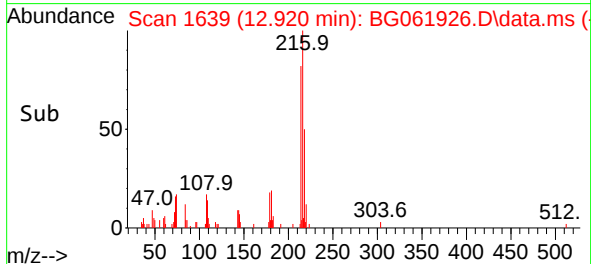
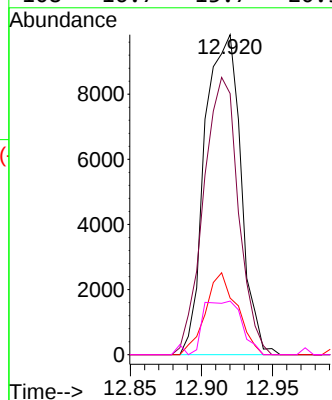
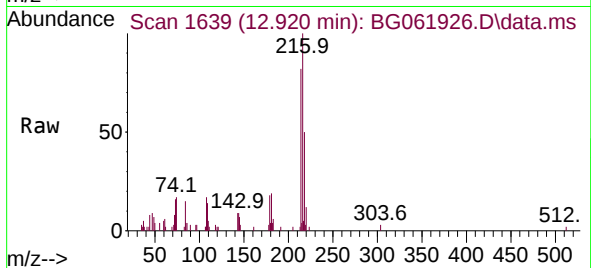




#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.526 ng/ul
RT: 12.920 min Scan# 1639
Delta R.T. 0.002 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

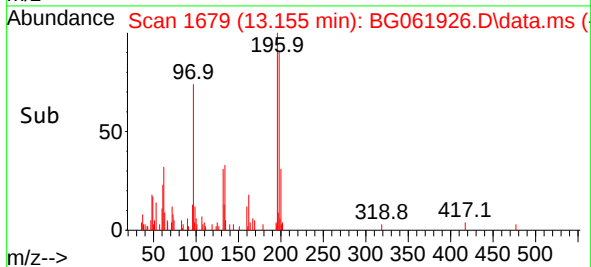
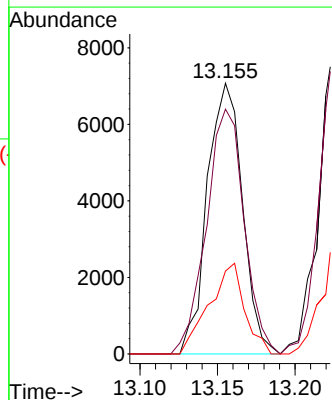
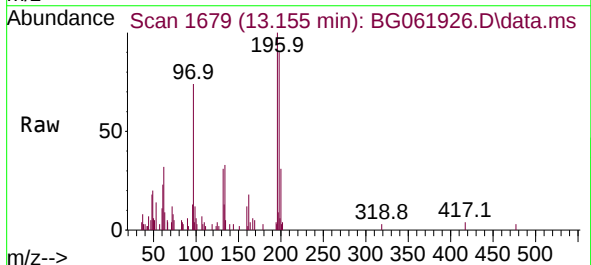
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

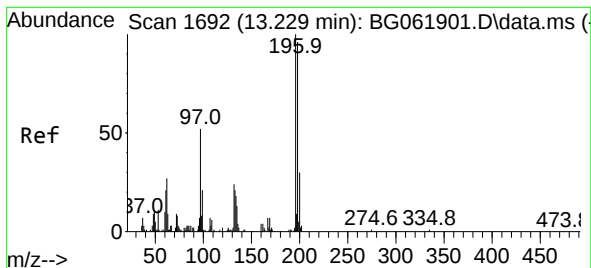
Tgt Ion:216	Resp:	17277
Ion Ratio	Lower	Upper
216	100	
214	81.6	62.5 93.7
179	17.7	18.6 27.8#
108	16.7	13.7 20.5



#41
2,4,6-Trichlorophenol
Concen: 4.406 ng/ul
RT: 13.155 min Scan# 1679
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:196	Resp:	11170
Ion Ratio	Lower	Upper
196	100	
198	90.4	79.9 119.9
200	33.4	26.7 40.1





#42

2,4,5-Trichlorophenol

Concen: 3.765 ng/ul

RT: 13.155 min Scan# 1

Delta R.T. -0.074 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

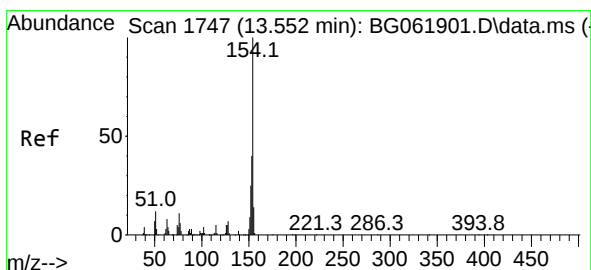
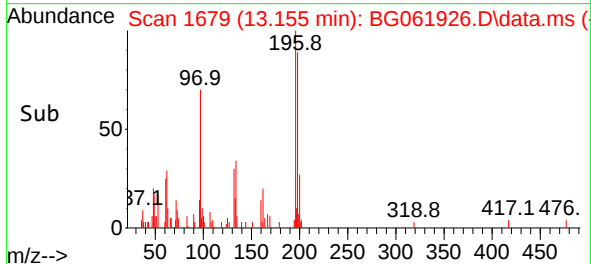
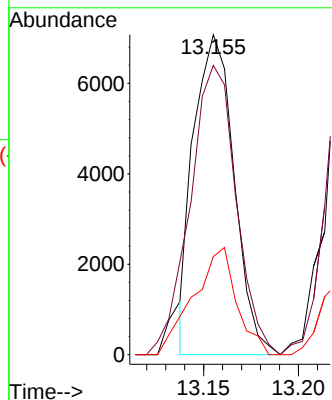
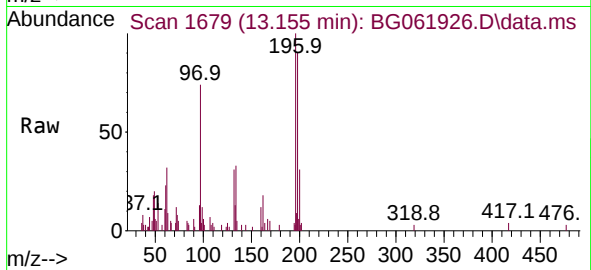
Tgt Ion:196 Resp: 10486

Ion Ratio Lower Upper

196 100

198 90.4 72.5 108.7

200 33.4 23.7 35.5



#43

1,1'-Biphenyl

Concen: 4.479 ng/ul

RT: 13.555 min Scan# 1747

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

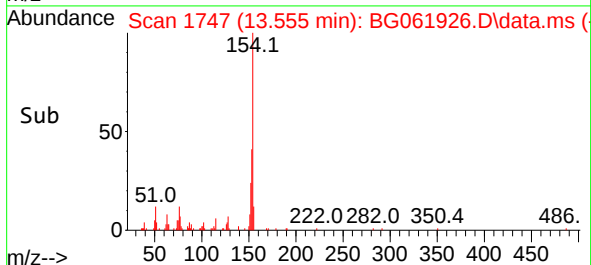
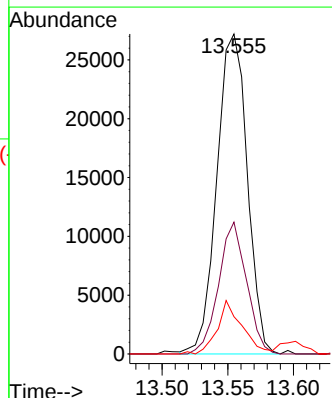
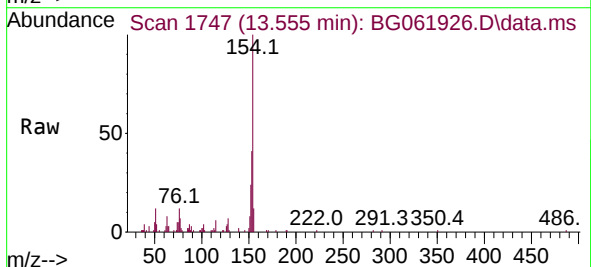
Tgt Ion:154 Resp: 43868

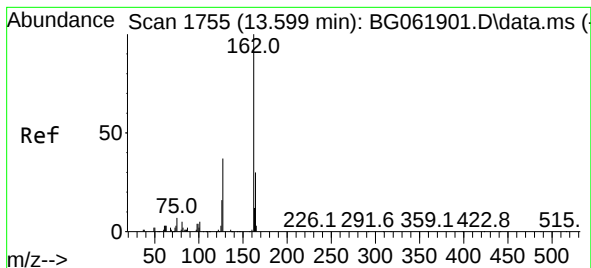
Ion Ratio Lower Upper

154 100

153 41.2 31.7 47.5

76 11.6 10.0 15.0





#44

2-Chloronaphthalene

Concen: 4.367 ng/ul

RT: 13.602 min Scan# 1755

Delta R.T. 0.002 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

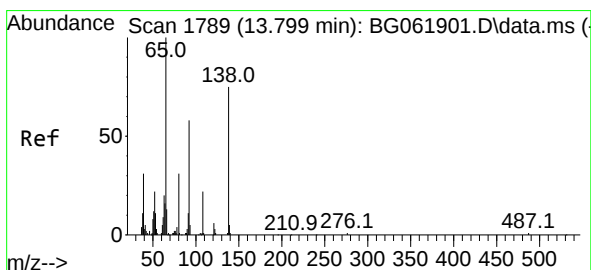
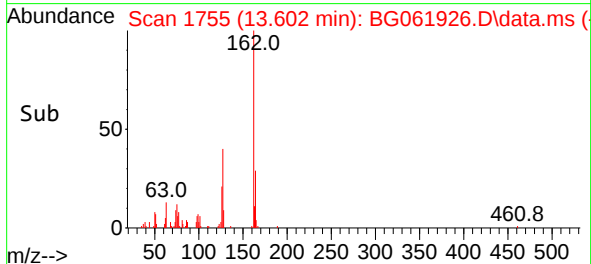
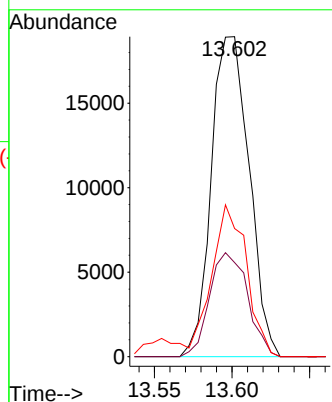
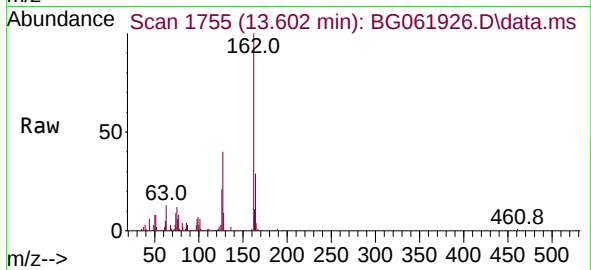
Tgt Ion:162 Resp: 32094

Ion Ratio Lower Upper

162 100

164 29.4 23.3 34.9

127 40.1 33.2 49.8



#45

2-Nitroaniline

Concen: 4.532 ng/ul

RT: 13.801 min Scan# 1789

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

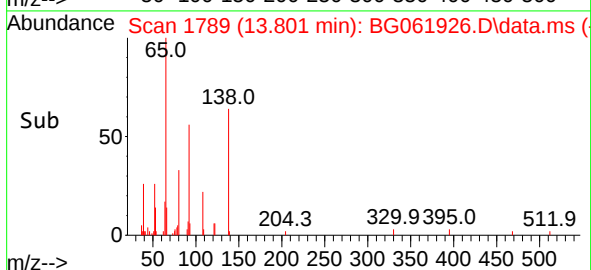
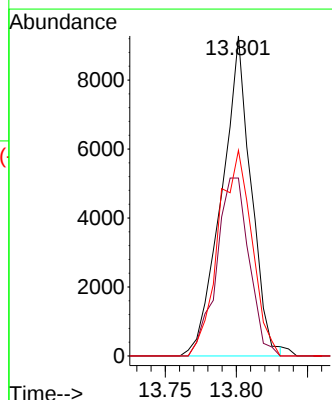
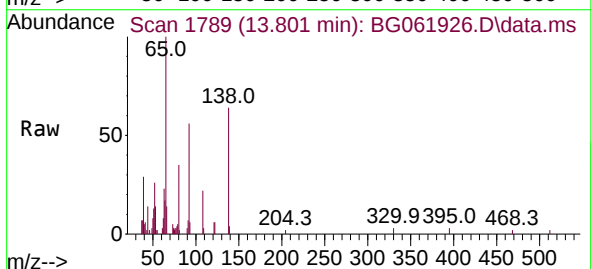
Tgt Ion: 65 Resp: 13338

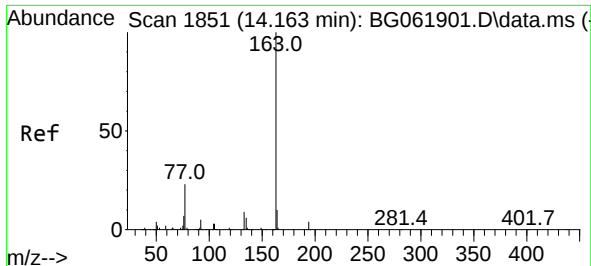
Ion Ratio Lower Upper

65 100

92 55.6 48.2 72.4

138 64.2 56.8 85.2

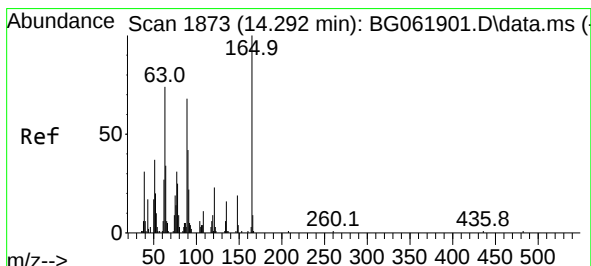
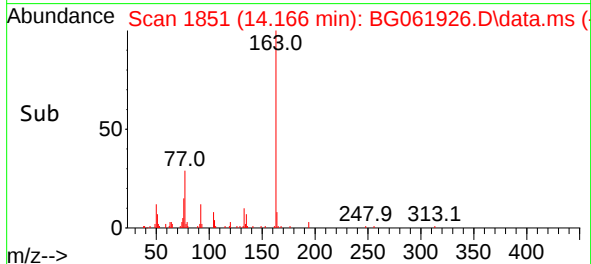
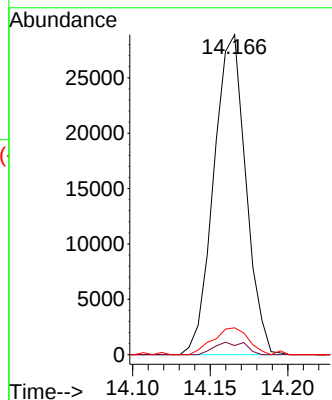
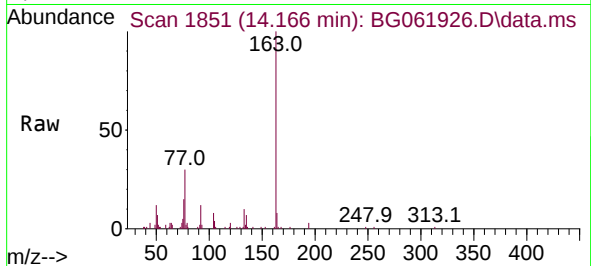




#47
Dimethylphthalate
Concen: 4.135 ng/ul
RT: 14.166 min Scan# 1851
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

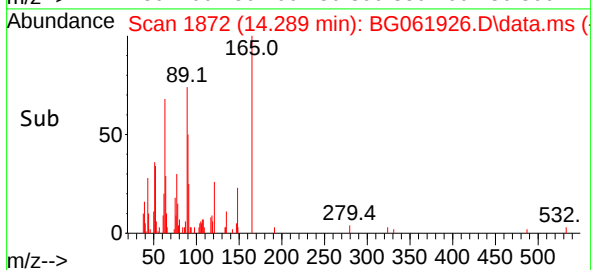
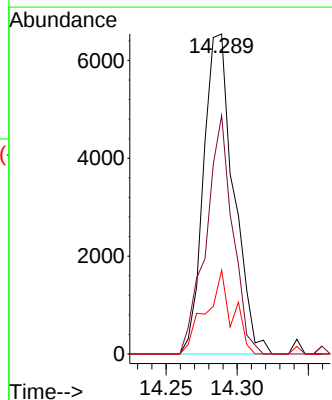
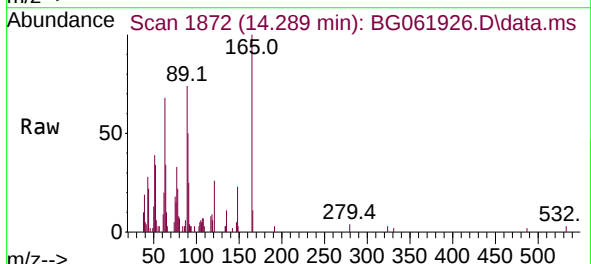
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

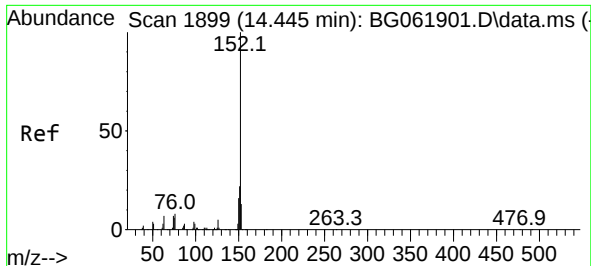
Tgt Ion:163 Resp: 41564
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 8.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 5.058 ng/ul
RT: 14.289 min Scan# 1872
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:165 Resp: 9644
Ion Ratio Lower Upper
165 100
89 74.5 62.6 93.8
121 26.2 18.4 27.6

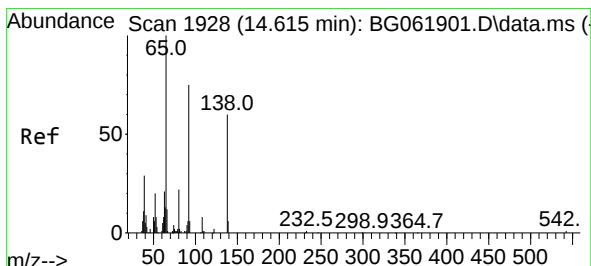
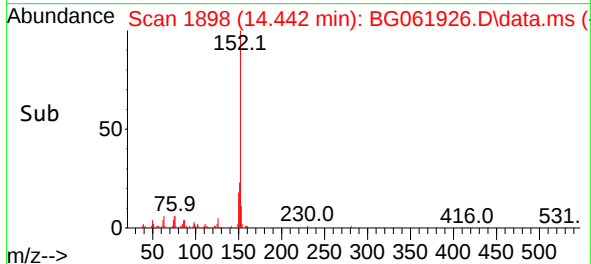
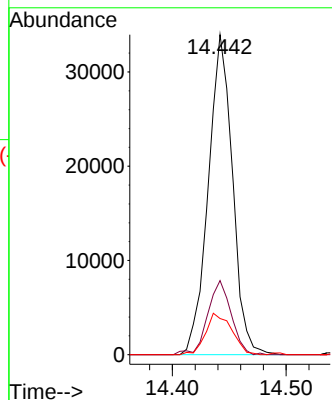
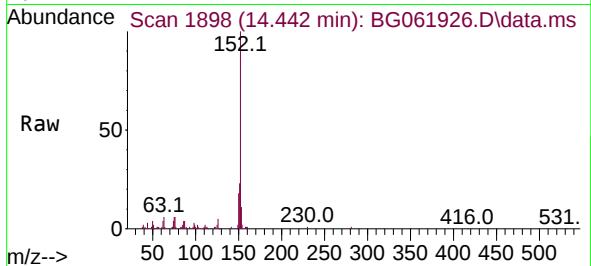




#50
Acenaphthylene
Concen: 4.196 ng/ul
RT: 14.442 min Scan# 1899
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

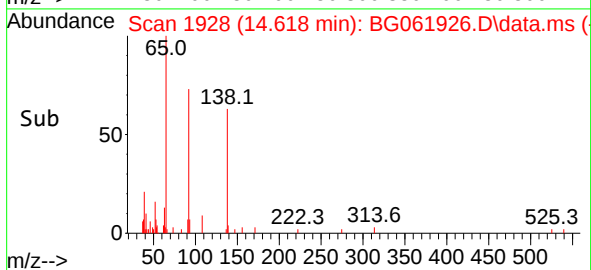
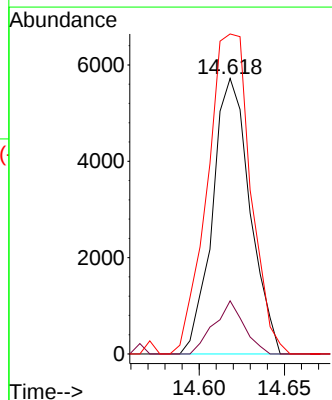
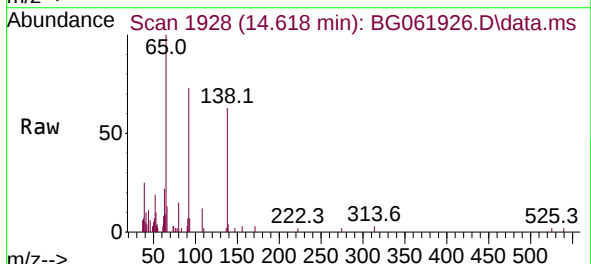
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

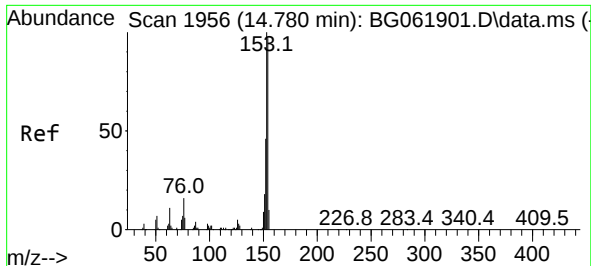
Tgt Ion:152 Resp: 50324
Ion Ratio Lower Upper
152 100
151 23.1 16.5 24.7
153 11.3 11.4 17.0#



#51
3-Nitroaniline
Concen: 4.722 ng/ul
RT: 14.618 min Scan# 1928
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:138 Resp: 8764
Ion Ratio Lower Upper
138 100
108 19.3 12.3 18.5#
92 116.2 116.3 174.5#

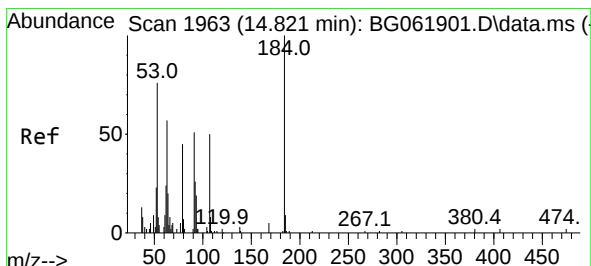
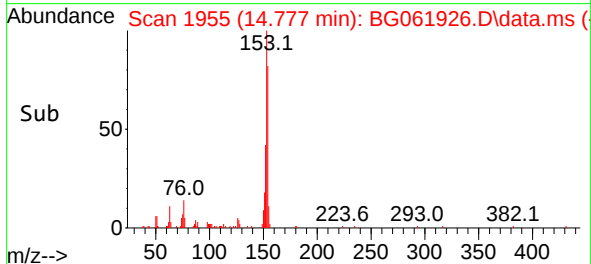
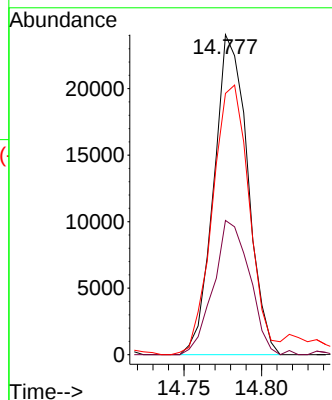
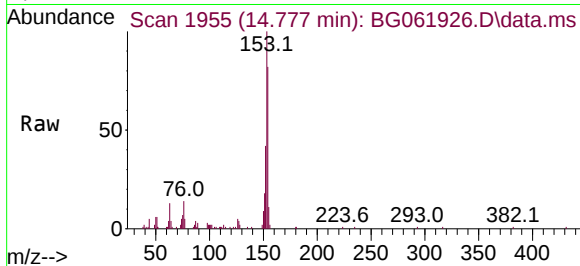




#52
Acenaphthene
Concen: 4.391 ng/ul
RT: 14.777 min Scan# 1955
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

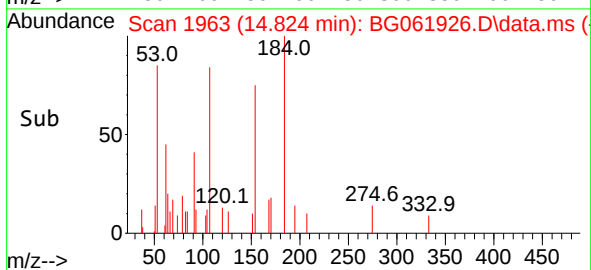
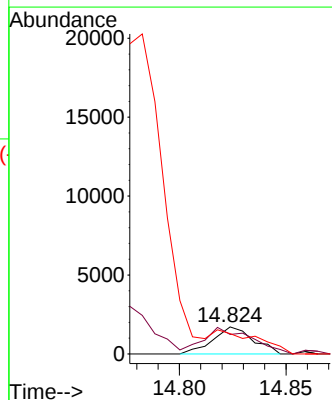
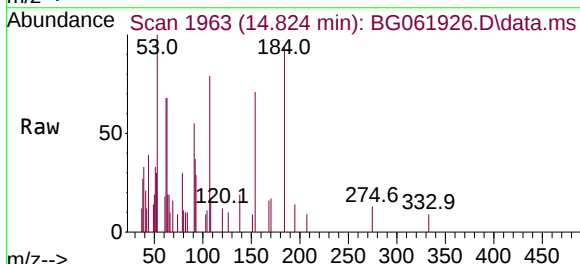
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

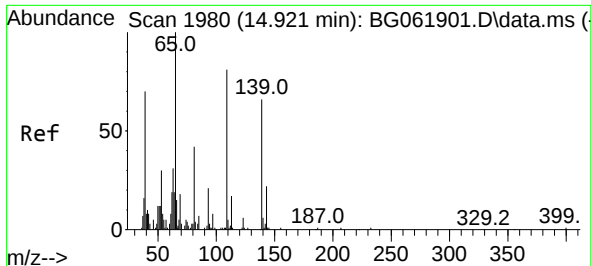
Tgt Ion:153 Resp: 36360
Ion Ratio Lower Upper
153 100
152 42.0 37.2 55.8
154 81.7 75.0 112.6



#53
2,4-Dinitrophenol
Concen: 2.259 ng/ul
RT: 14.824 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:184 Resp: 2250
Ion Ratio Lower Upper
184 100
63 72.4 83.6 125.4#
154 75.3 66.8 100.2

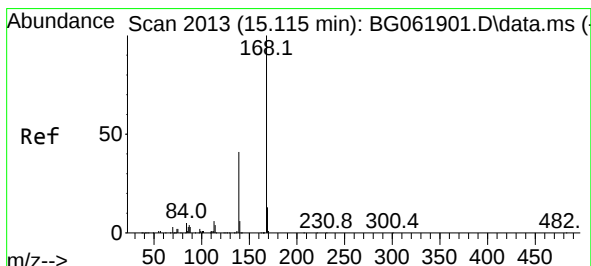
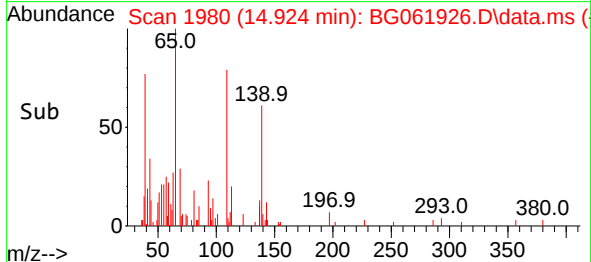
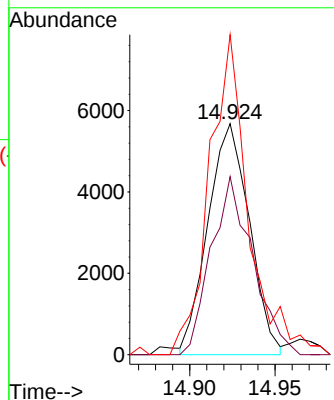
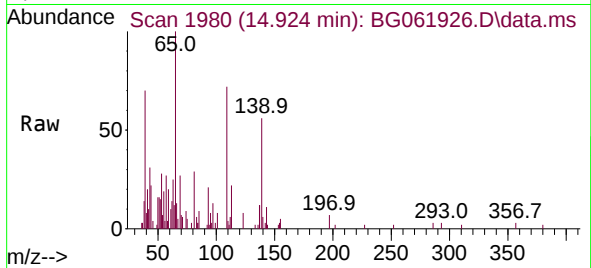




#55
4-Nitrophenol
Concen: 5.042 ng/ul
RT: 14.924 min Scan# 1980
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

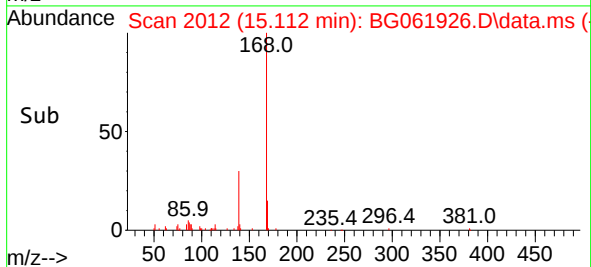
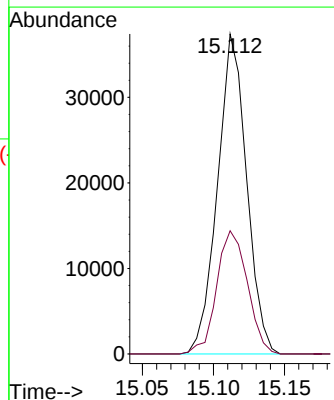
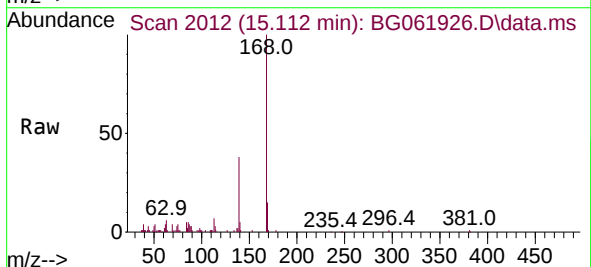
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

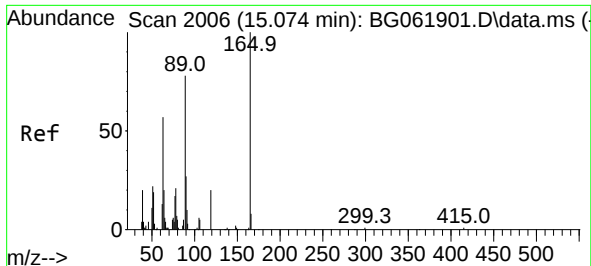
Tgt Ion:109 Resp: 9603
Ion Ratio Lower Upper
109 100
139 77.1 67.4 101.2
65 138.5 102.1 153.1



#56
Dibenzofuran
Concen: 4.550 ng/ul
RT: 15.112 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:168 Resp: 53255
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.4

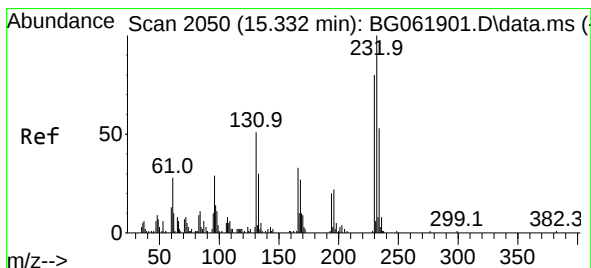
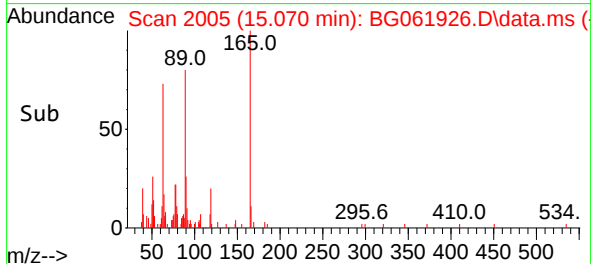
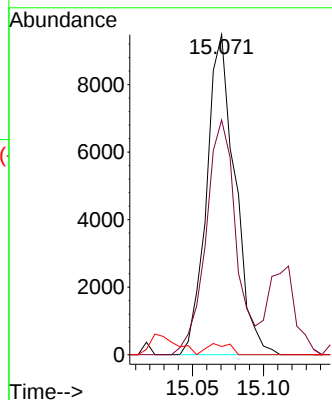
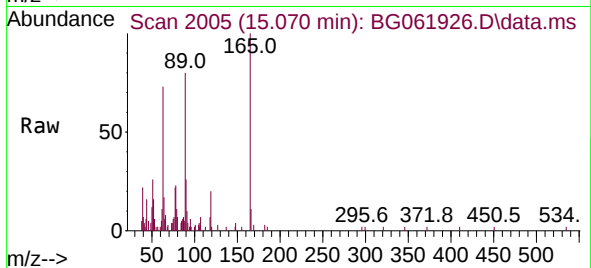




#57
2,4-Dinitrotoluene
Concen: 4.727 ng/ul
RT: 15.070 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

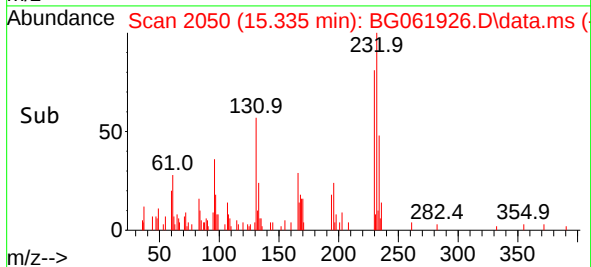
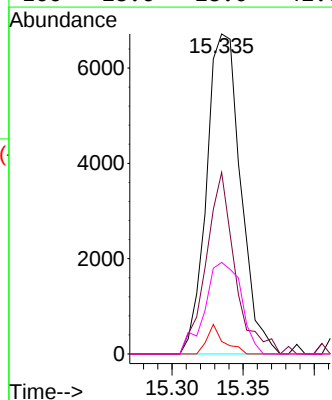
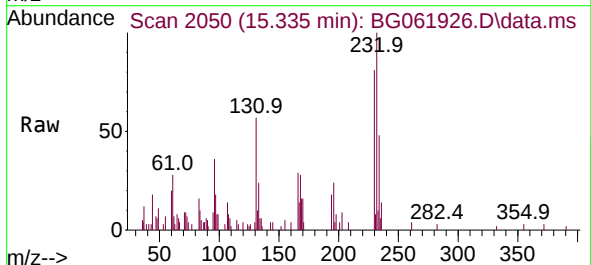
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

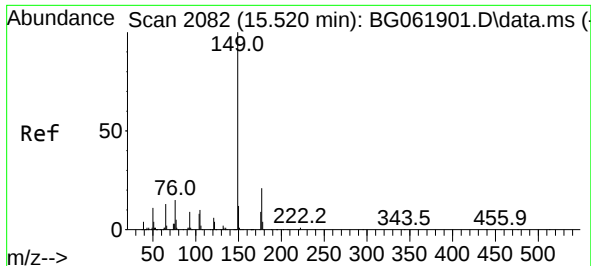
Tgt Ion:165 Resp: 13217
Ion Ratio Lower Upper
165 100
63 73.4 44.9 67.3#
182 2.6 2.6 3.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.453 ng/ul
RT: 15.335 min Scan# 2050
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:232 Resp: 11198
Ion Ratio Lower Upper
232 100
131 56.7 35.8 53.8#
130 3.9 2.0 3.0#
166 28.6 28.0 42.0

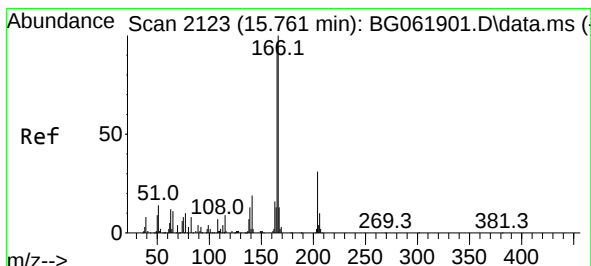
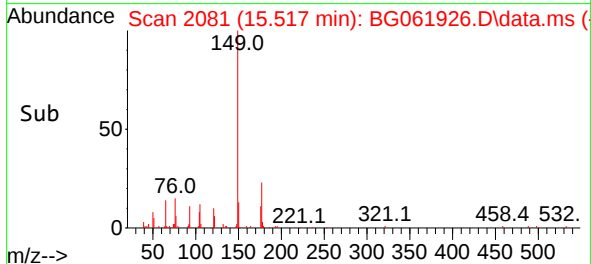
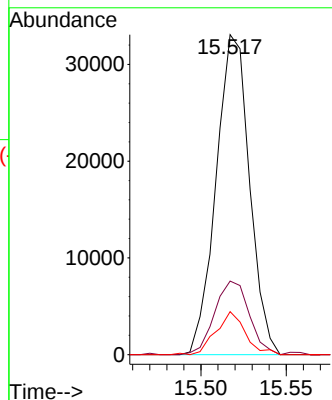
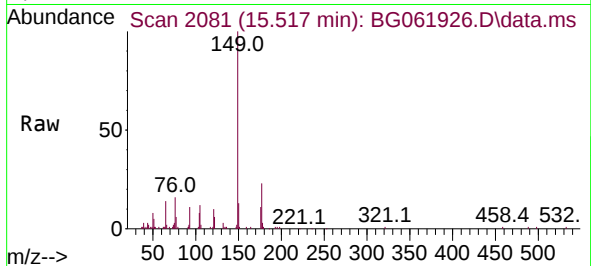




#59
Diethylphthalate
Concen: 4.165 ng/ul
RT: 15.517 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

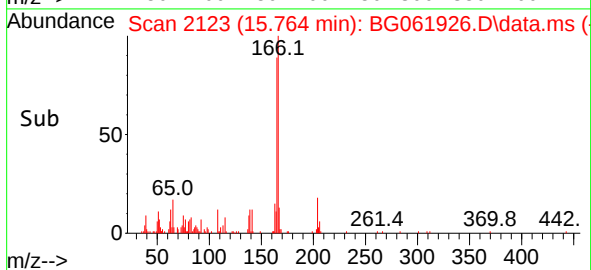
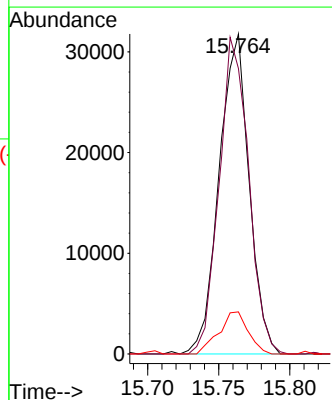
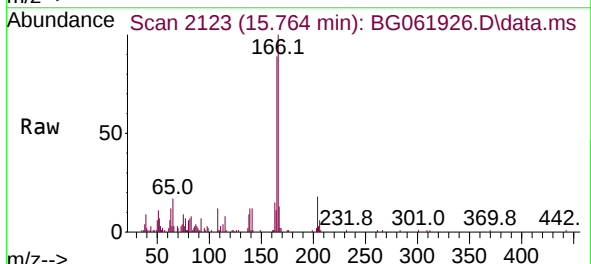
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

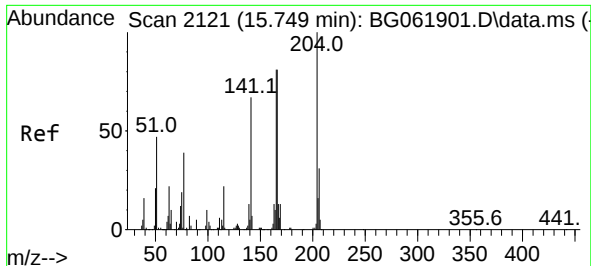
Tgt Ion:149 Resp: 45116
Ion Ratio Lower Upper
149 100
177 23.0 16.3 24.5
150 13.5 9.6 14.4



#61
Fluorene
Concen: 4.682 ng/ul
RT: 15.764 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:166 Resp: 46603
Ion Ratio Lower Upper
166 100
165 89.2 78.4 117.6
167 13.2 10.4 15.6

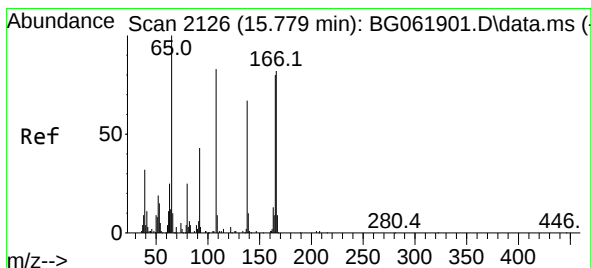
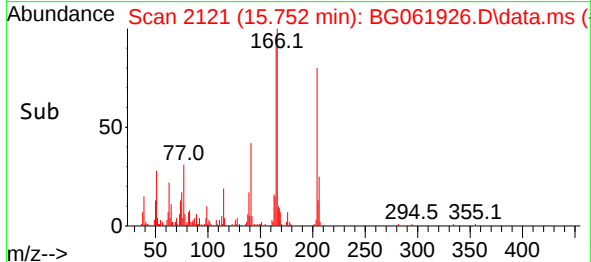
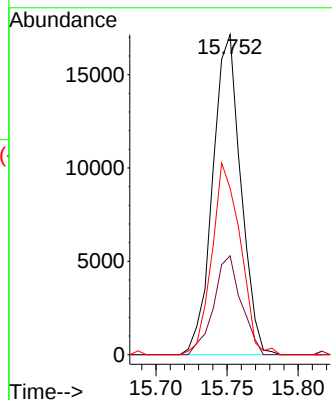
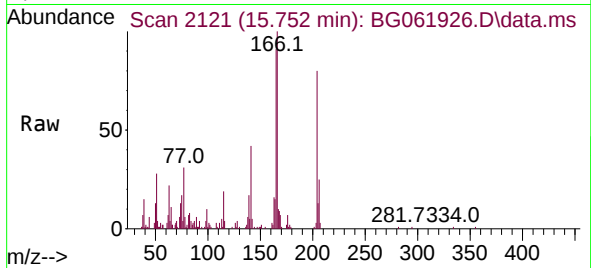




#62
4-Chlorophenyl-phenylether
Concen: 4.721 ng/ul
RT: 15.752 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

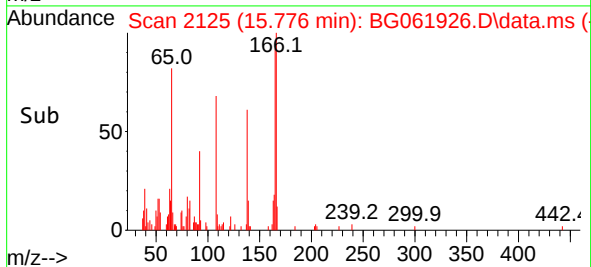
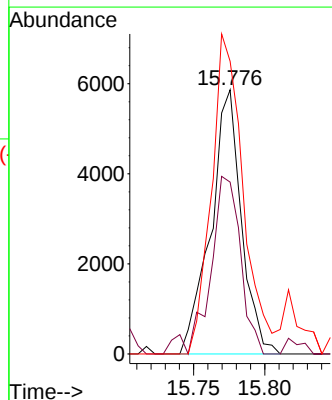
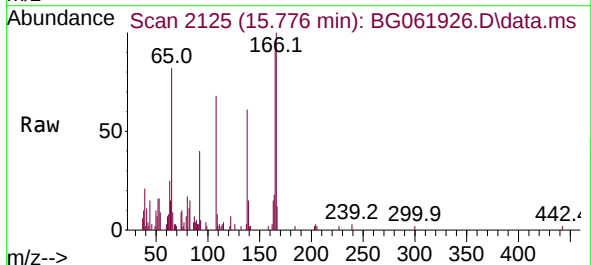
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

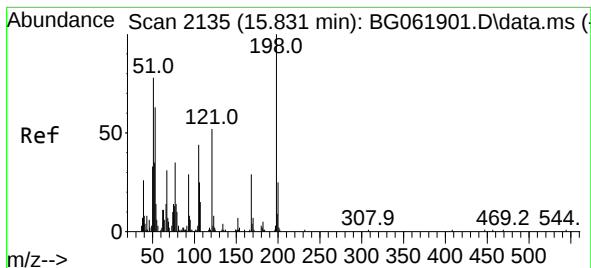
Tgt Ion:204 Resp: 23604
Ion Ratio Lower Upper
204 100
206 30.9 24.5 36.7
141 52.0 46.6 69.8



#63
4-Nitroaniline
Concen: 4.665 ng/ul
RT: 15.776 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:138 Resp: 8785
Ion Ratio Lower Upper
138 100
92 65.0 52.3 78.5
108 110.8 94.1 141.1

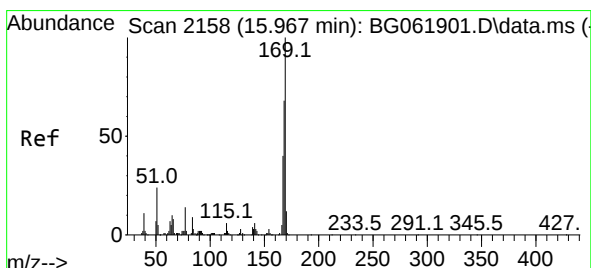
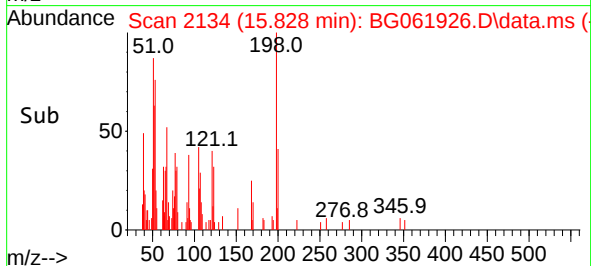
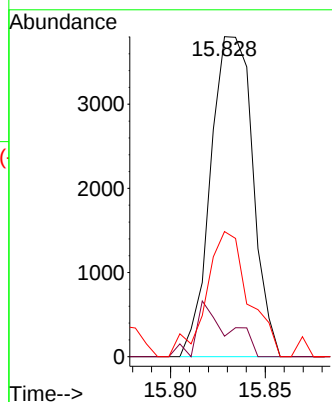
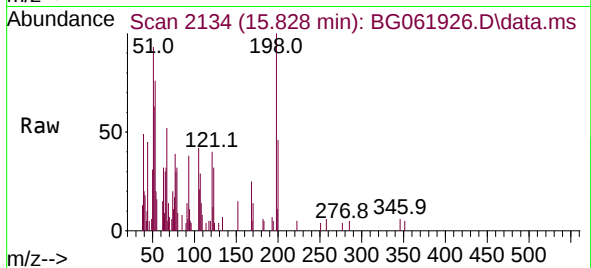




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.524 ng/ul
 RT: 15.828 min Scan# 2135
 Delta R.T. -0.009 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

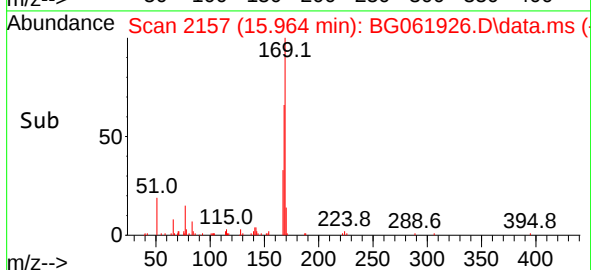
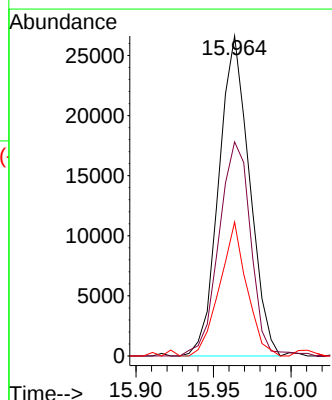
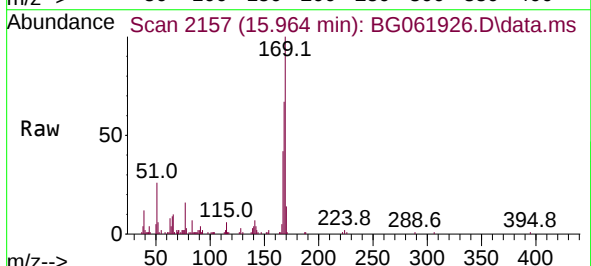
Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MSD

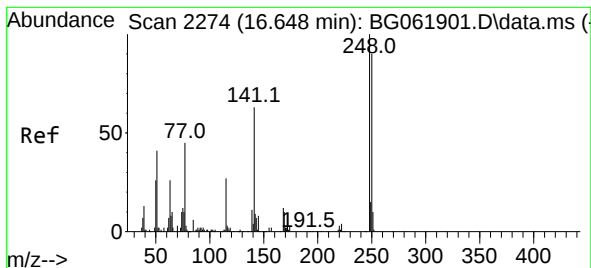
Tgt Ion:198 Resp: 5886
 Ion Ratio Lower Upper
 198 100
 182 6.4 3.6 5.4#
 77 39.1 21.8 32.8#



#67
 N-Nitrosodiphenylamine
 Concen: 4.532 ng/ul
 RT: 15.964 min Scan# 2157
 Delta R.T. -0.004 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

Tgt Ion:169 Resp: 36573
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.6 83.4
 167 41.9 29.8 44.8

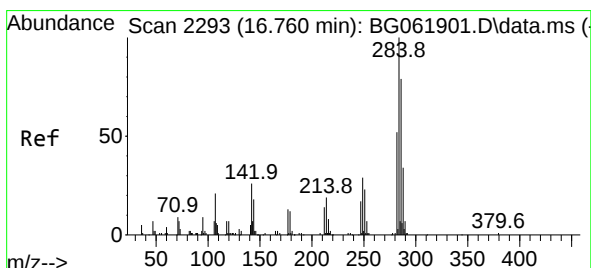
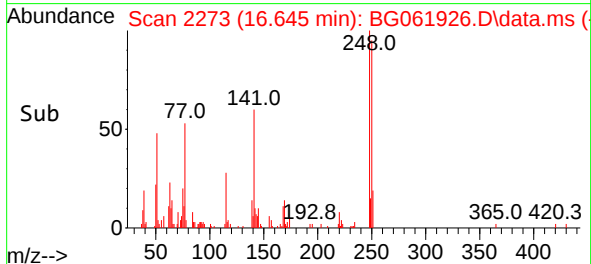
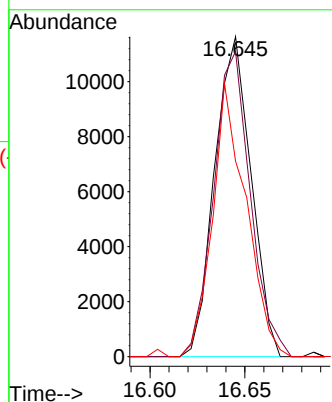
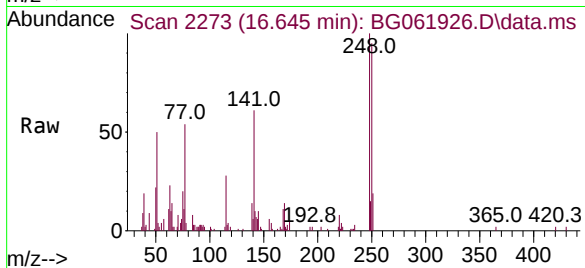




#68
4-Bromophenyl-phenylether
Concen: 4.639 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

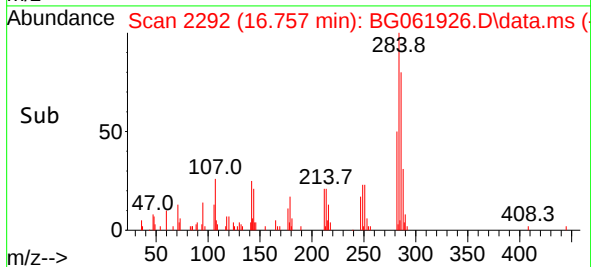
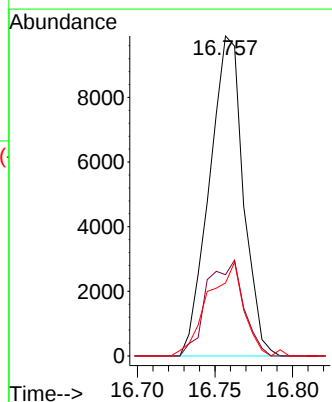
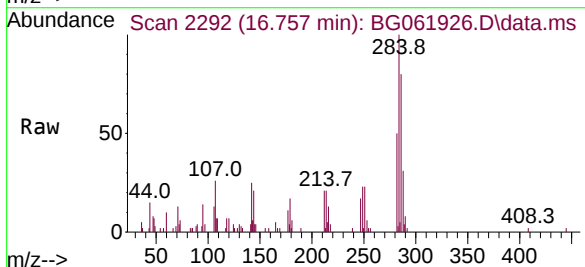
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

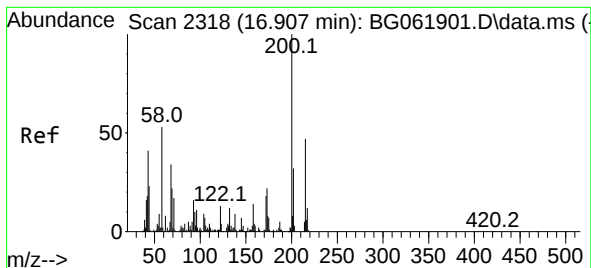
Tgt Ion:248 Resp: 15549
Ion Ratio Lower Upper
248 100
250 95.4 77.2 115.8
141 61.1 57.8 86.8



#69
Hexachlorobenzene
Concen: 3.911 ng/ul
RT: 16.757 min Scan# 2292
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:284 Resp: 15074
Ion Ratio Lower Upper
284 100
142 24.2 26.4 39.6#
249 21.6 27.2 40.8#





#70

Atrazine

Concen: 3.286 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

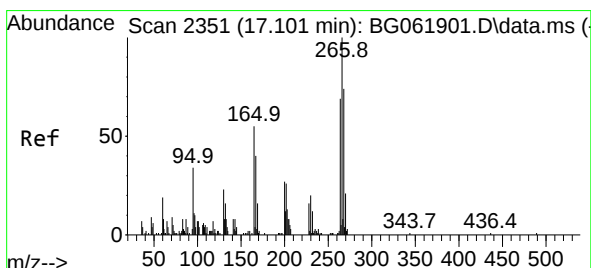
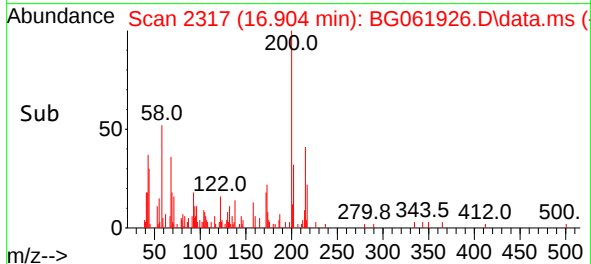
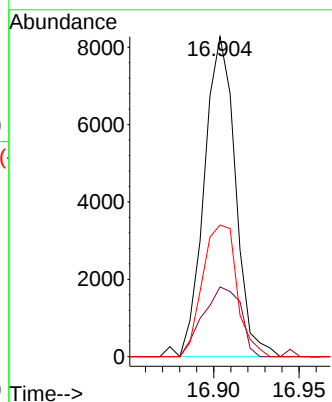
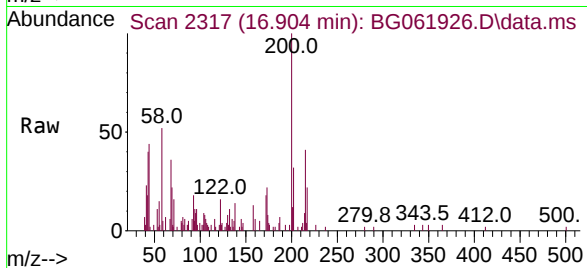
Tgt Ion:200 Resp: 10466

Ion Ratio Lower Upper

200 100

173 21.8 18.7 28.1

215 41.1 37.8 56.6



#71

Pentachlorophenol

Concen: 2.947 ng/ul

RT: 17.115 min Scan# 2353

Delta R.T. 0.008 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

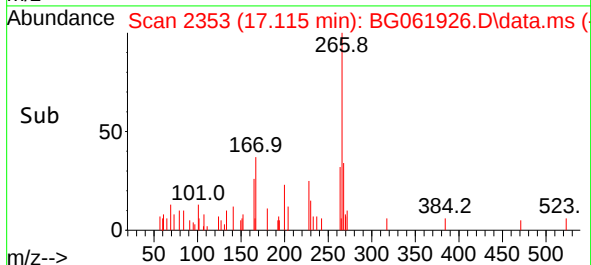
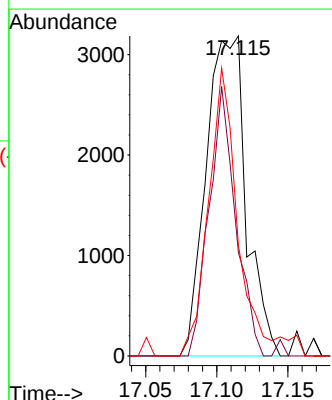
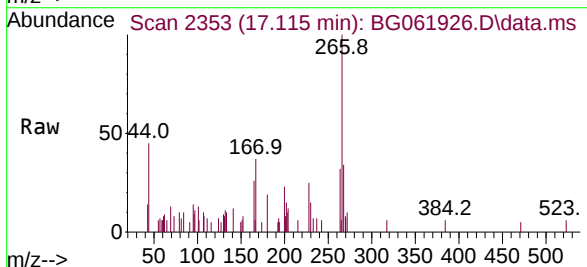
Tgt Ion:266 Resp: 6244

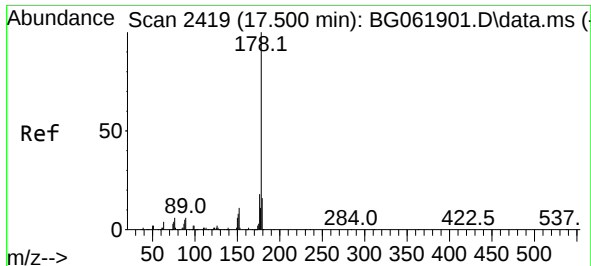
Ion Ratio Lower Upper

266 100

264 32.2 45.0 67.6#

268 34.5 50.5 75.7#

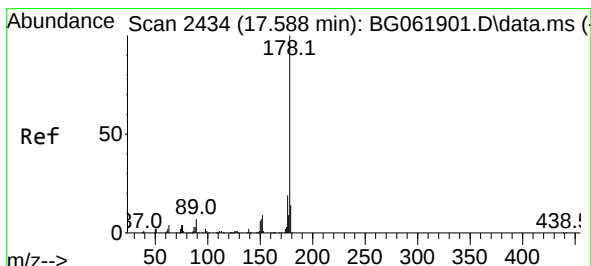
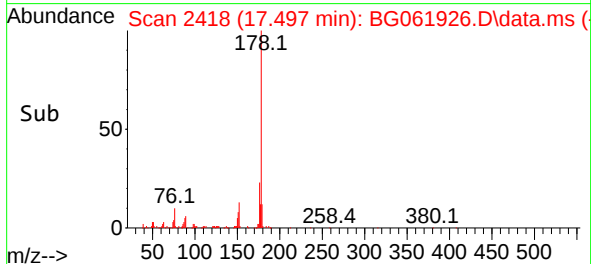
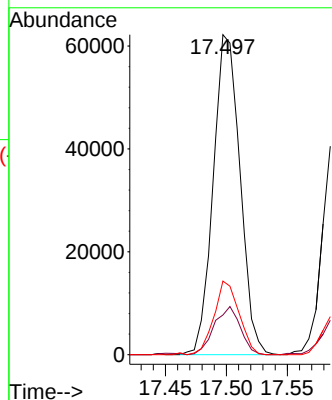
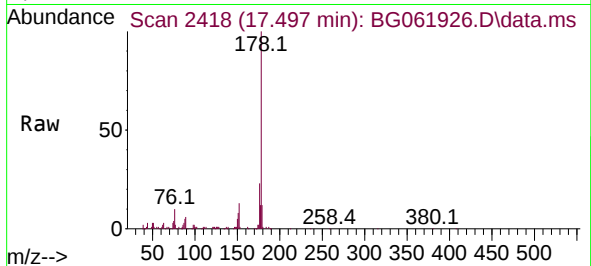




#72
Phenanthrene
Concen: 6.109 ng/u1
RT: 17.497 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

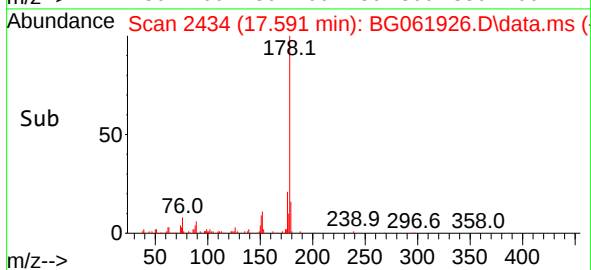
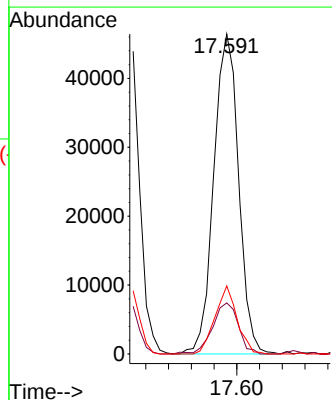
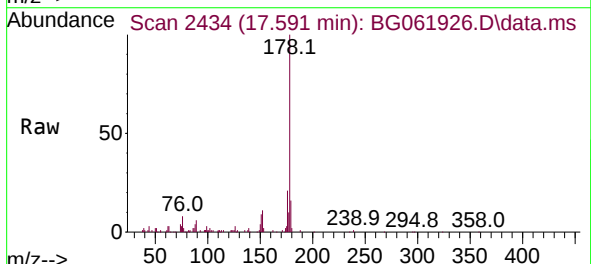
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

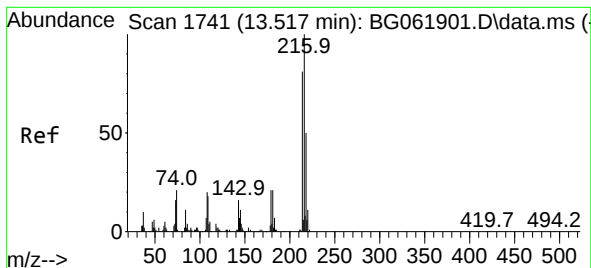
Tgt Ion:178 Resp: 95176
Ion Ratio Lower Upper
178 100
179 12.4 11.9 17.9
176 23.0 15.5 23.3



#74
Anthracene
Concen: 4.375 ng/u1
RT: 17.591 min Scan# 2434
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:178 Resp: 70443
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 21.3 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.947 ng/ul

RT: 13.519 min Scan# 1741

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

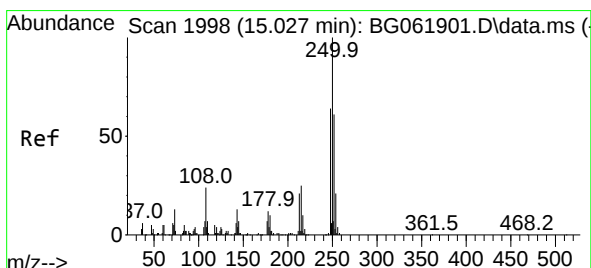
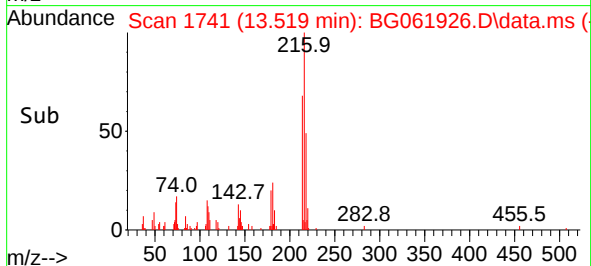
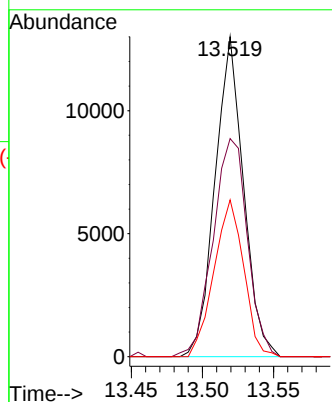
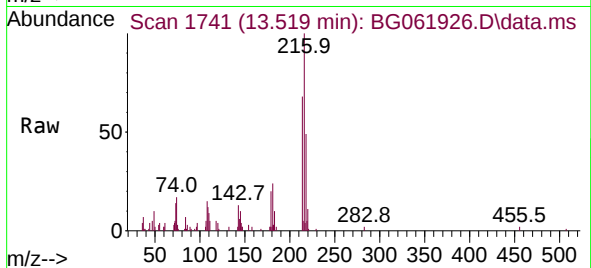
Tgt Ion:216 Resp: 18155

Ion Ratio Lower Upper

216 100

214 68.1 61.7 92.5

218 49.0 35.7 53.5



#76

Pentachlorobenzene

Concen: 4.115 ng/ul

RT: 15.029 min Scan# 1998

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

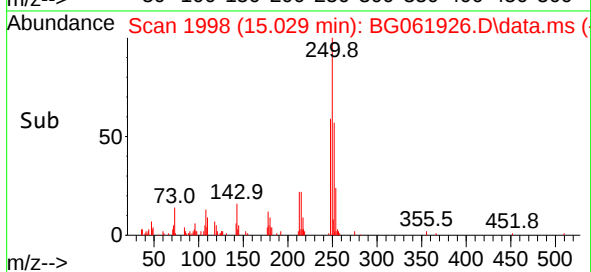
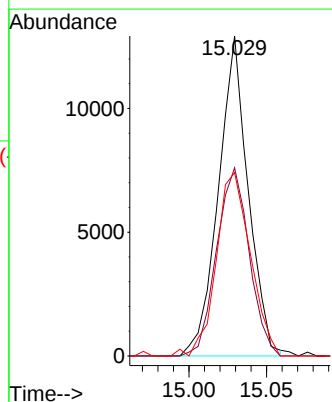
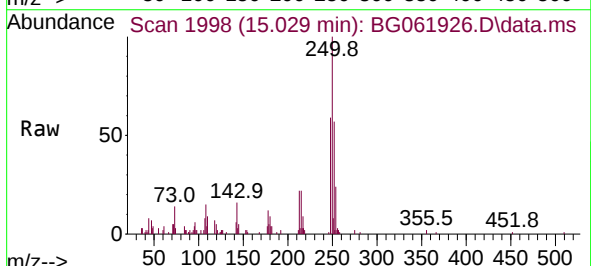
Tgt Ion:250 Resp: 17224

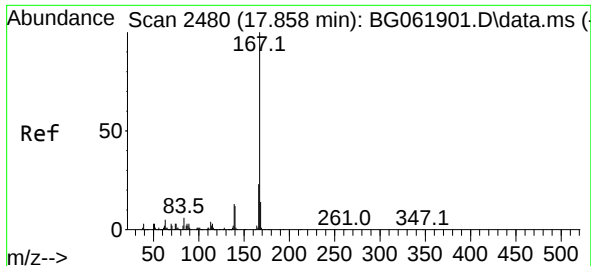
Ion Ratio Lower Upper

250 100

248 58.8 47.5 71.3

252 59.5 50.0 75.0

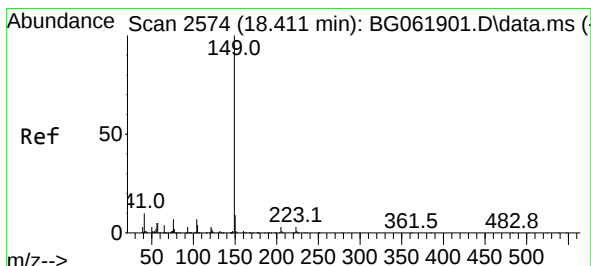
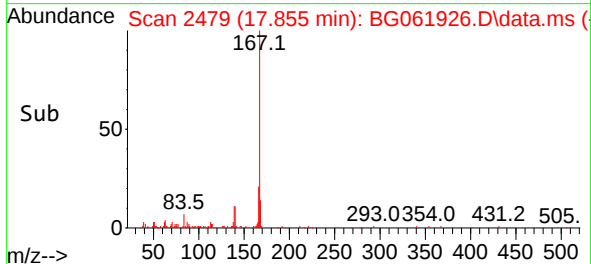
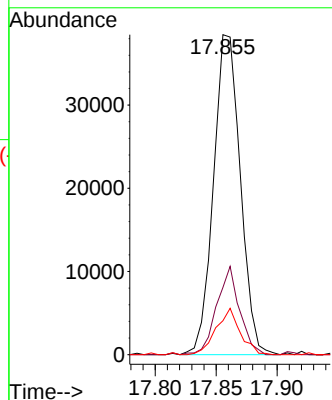
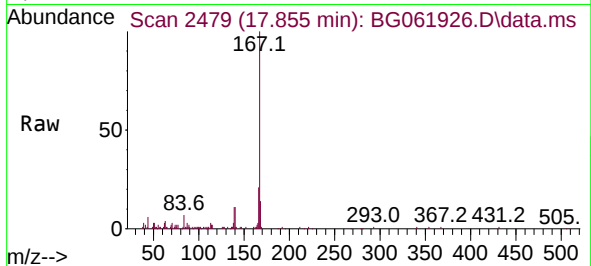




#77
 Carbazole
 Concen: 4.351 ng/ul
 RT: 17.855 min Scan# 2480
 Delta R.T. -0.010 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

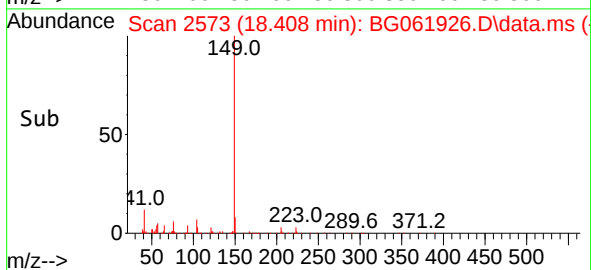
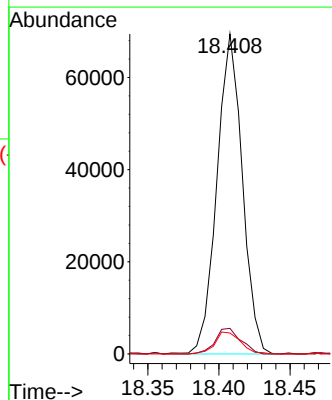
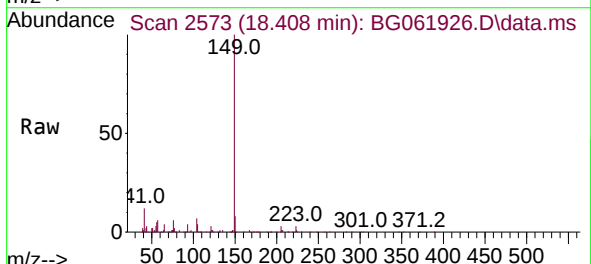
Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MSD

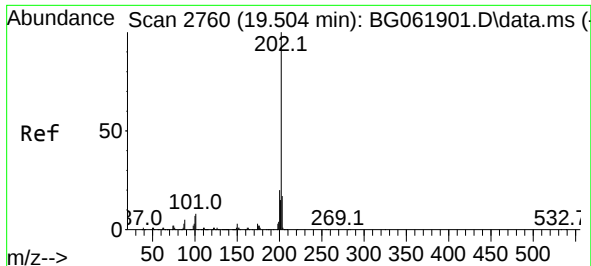
Tgt Ion:167 Resp: 58950
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.2
 139 10.6 9.6 14.4



#78
 Di-n-butylphthalate
 Concen: 4.951 ng/ul
 RT: 18.408 min Scan# 2573
 Delta R.T. -0.004 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

Tgt Ion:149 Resp: 86138
 Ion Ratio Lower Upper
 149 100
 150 8.0 7.5 11.3
 104 6.5 5.0 7.4

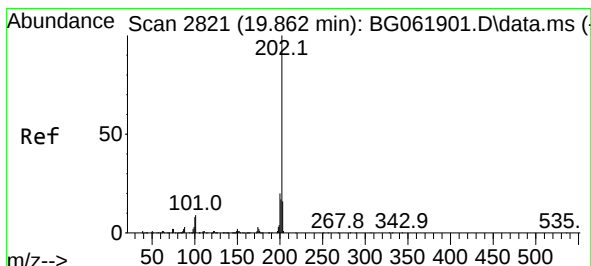
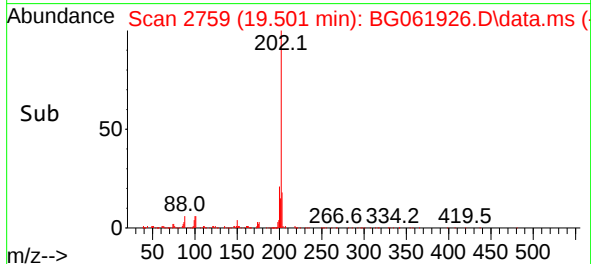
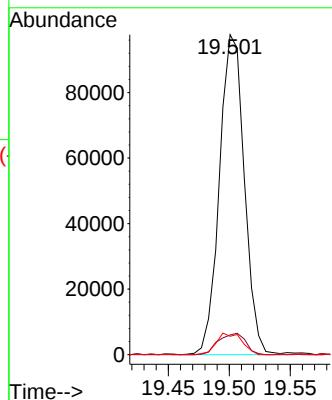
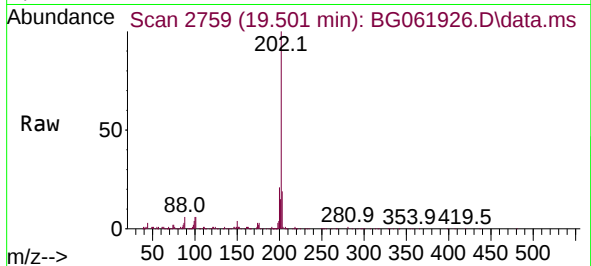




#80
Fluoranthene
Concen: 7.792 ng/u1
RT: 19.501 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

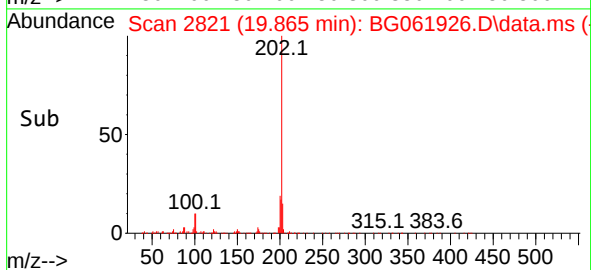
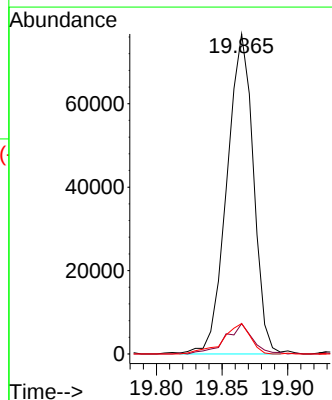
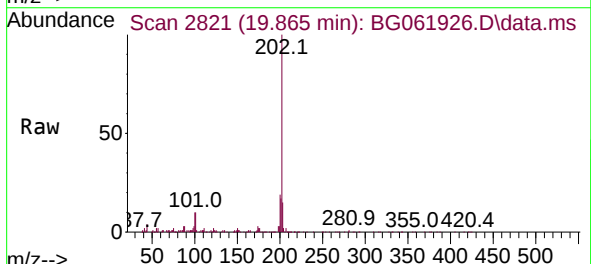
Instrument :
BNA_G
ClientSampleId :
A4CT2MSD

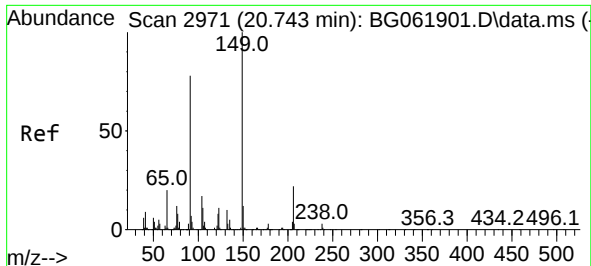
Tgt Ion:202 Resp: 138936
Ion Ratio Lower Upper
202 100
101 6.2 7.4 11.2#
100 5.7 6.6 10.0#



#82
Pyrene
Concen: 5.853 ng/u1
RT: 19.865 min Scan# 2821
Delta R.T. -0.004 min
Lab File: BG061926.D
Acq: 6 Jul 2024 12:02

Tgt Ion:202 Resp: 107813
Ion Ratio Lower Upper
202 100
101 9.5 8.8 13.2
100 9.5 7.6 11.4

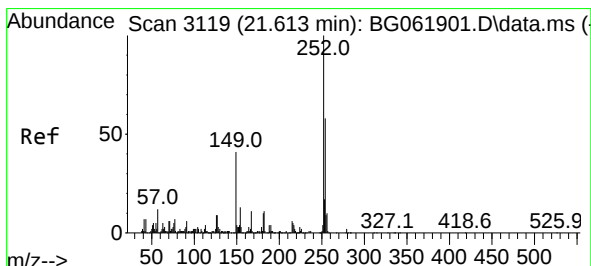
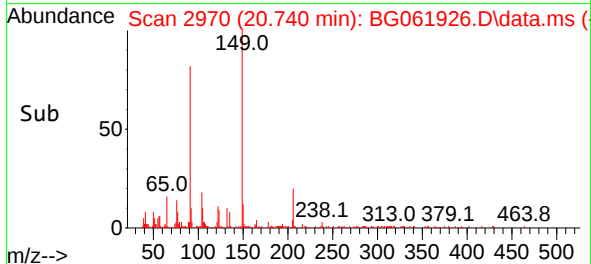
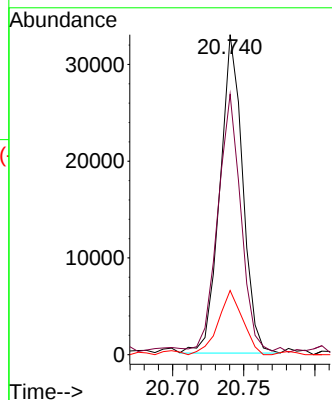
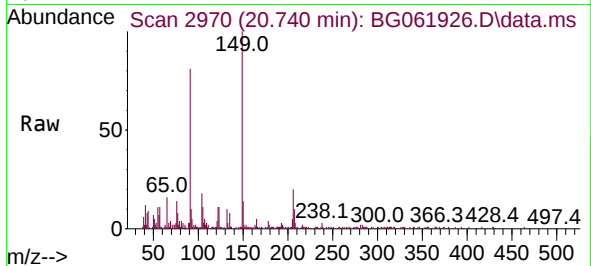




#83
 Butylbenzylphthalate
 Concen: 4.737 ng/ul
 RT: 20.740 min Scan# 2971
 Delta R.T. -0.004 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

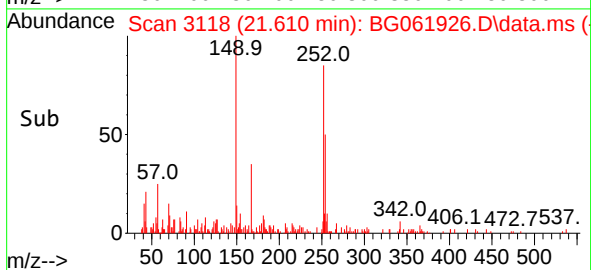
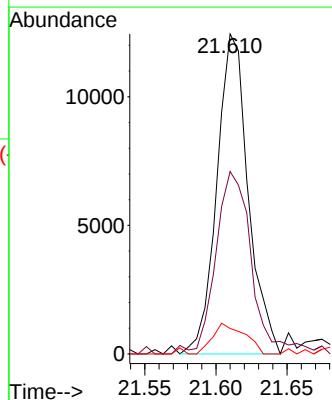
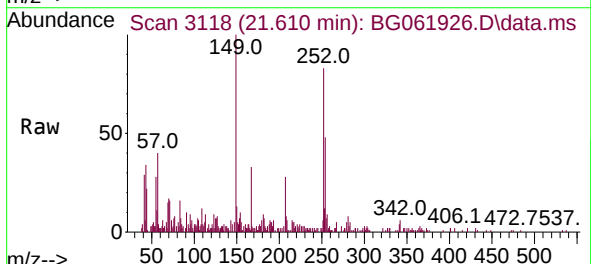
Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MSD

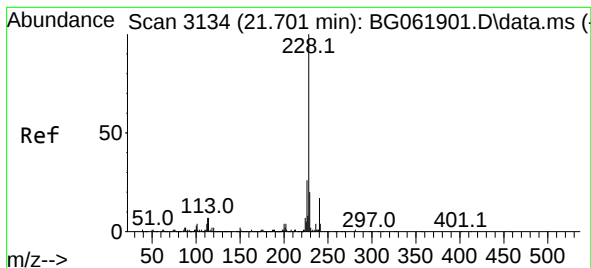
Tgt Ion:149 Resp: 36617
 Ion Ratio Lower Upper
 149 100
 91 81.4 60.6 91.0
 206 20.1 14.6 21.8



#84
 3,3'-Dichlorobenzidine
 Concen: 3.132 ng/ul
 RT: 21.610 min Scan# 3118
 Delta R.T. -0.009 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

Tgt Ion:252 Resp: 19086
 Ion Ratio Lower Upper
 252 100
 254 57.0 52.8 79.2
 126 7.9 6.6 10.0





#85

Benzo(a)anthracene

Concen: 6.012 ng/ul

RT: 21.698 min Scan# 3116

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

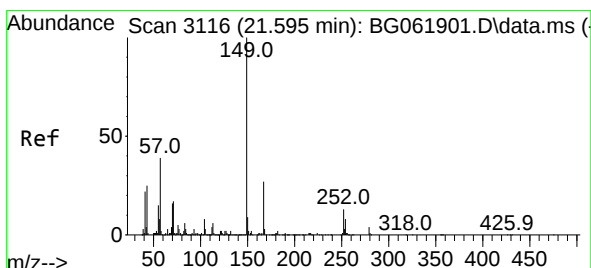
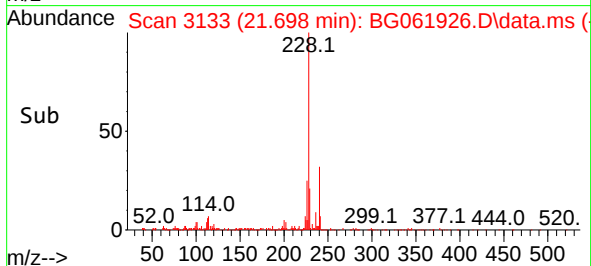
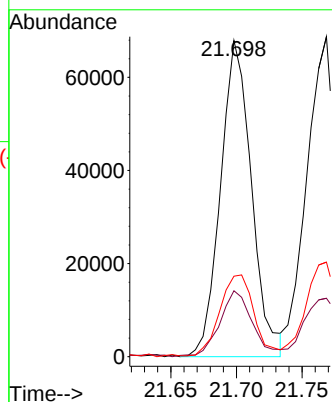
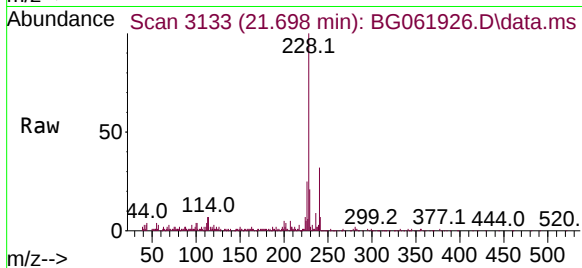
Tgt Ion:228 Resp: 111501

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

226 25.5 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.325 ng/ul

RT: 21.598 min Scan# 3116

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

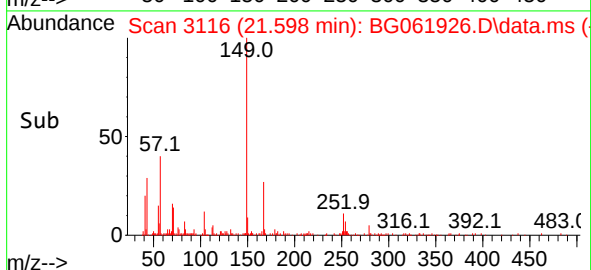
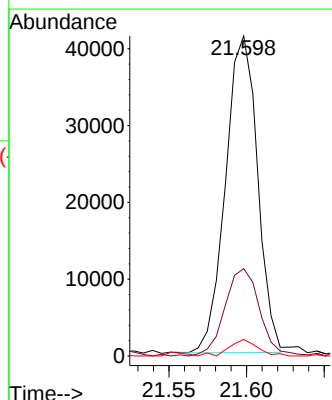
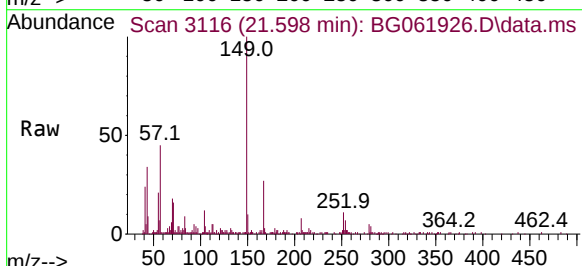
Tgt Ion:149 Resp: 59070

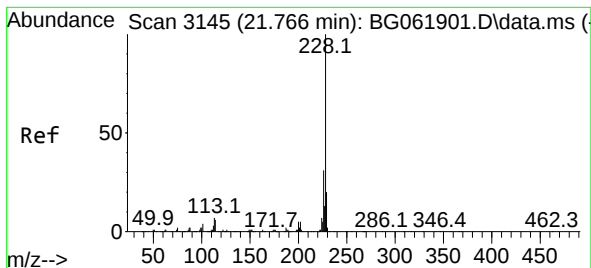
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 5.1 2.8 4.2#





#87

Chrysene

Concen: 6.414 ng/ul

RT: 21.769 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

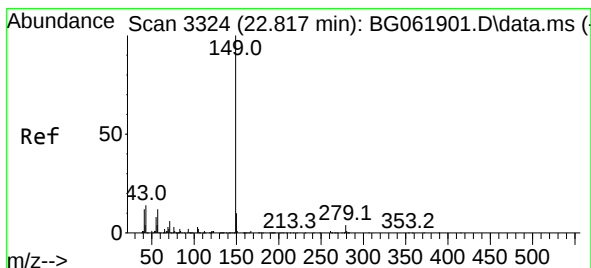
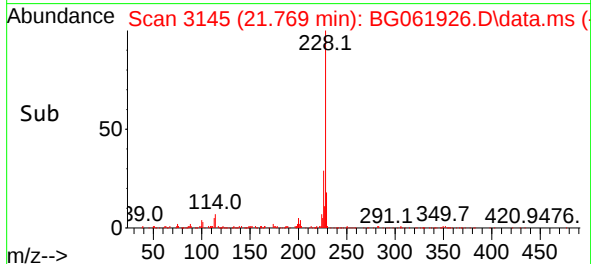
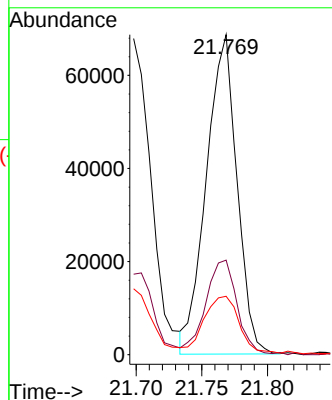
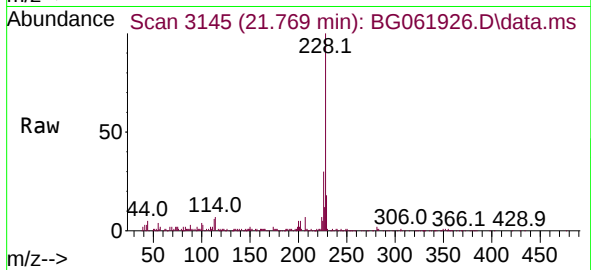
Tgt Ion:228 Resp: 111364

Ion Ratio Lower Upper

228 100

226 29.5 23.3 34.9

229 18.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 4.853 ng/ul

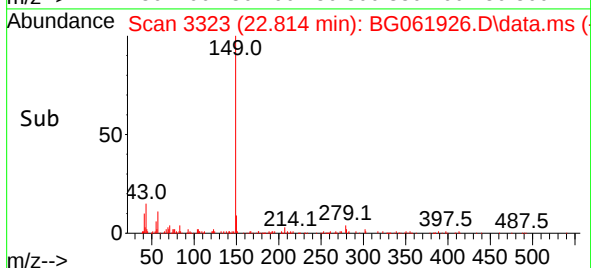
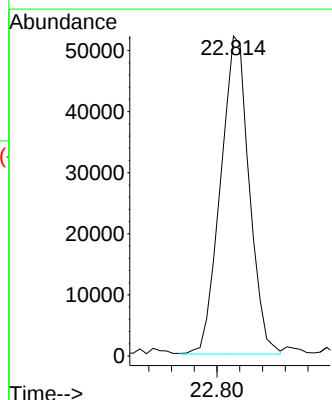
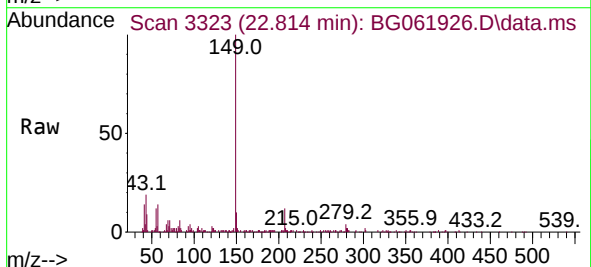
RT: 22.814 min Scan# 3323

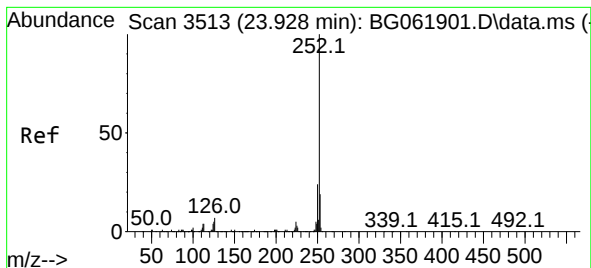
Delta R.T. -0.009 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Tgt Ion:149 Resp: 91028





#90

Benzo(b)fluoranthene

Concen: 6.953 ng/ul

RT: 23.925 min Scan# 3513

Delta R.T. -0.010 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

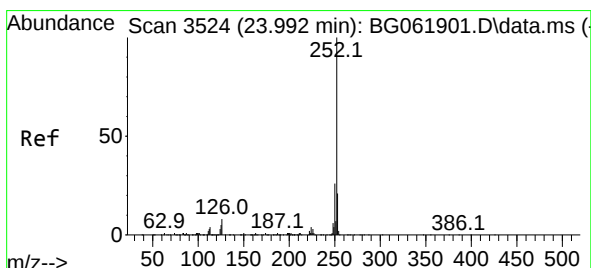
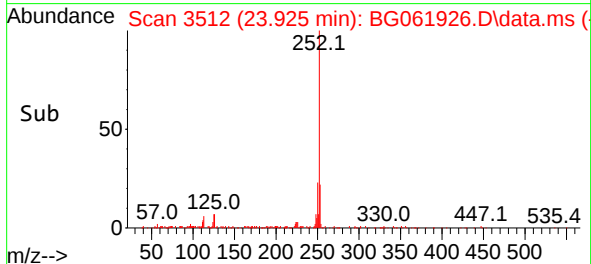
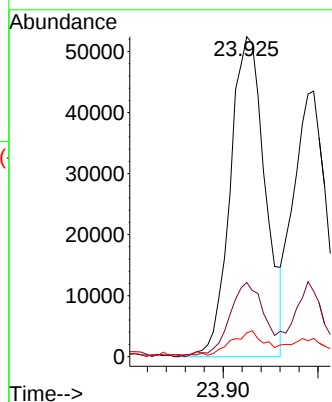
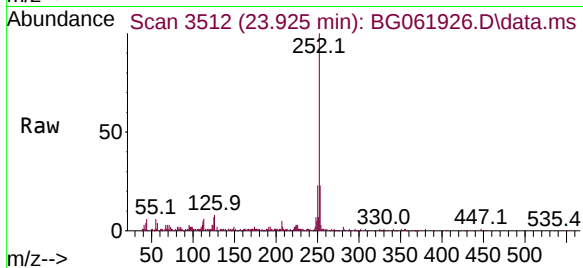
Tgt Ion:252 Resp: 134509

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 7.5 6.1 9.1



#91

Benzo(k)fluoranthene

Concen: 5.431 ng/ul

RT: 23.995 min Scan# 3524

Delta R.T. -0.009 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

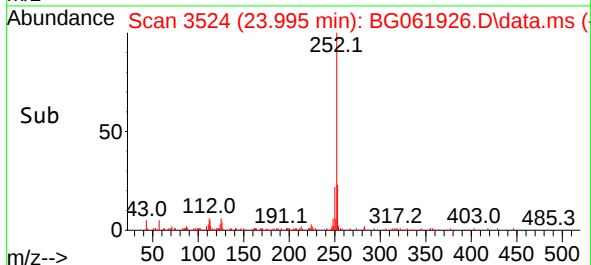
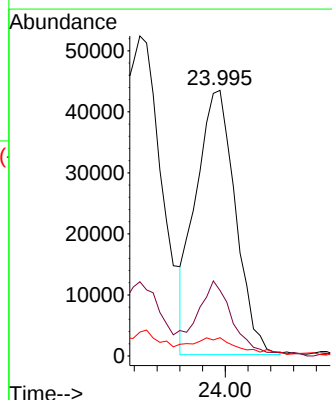
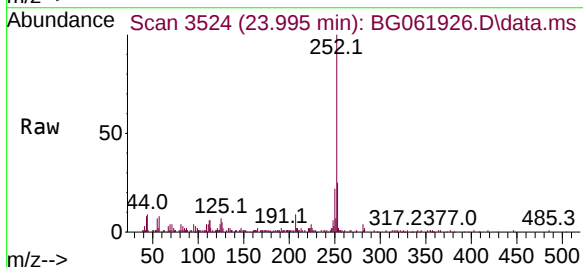
Tgt Ion:252 Resp: 104768

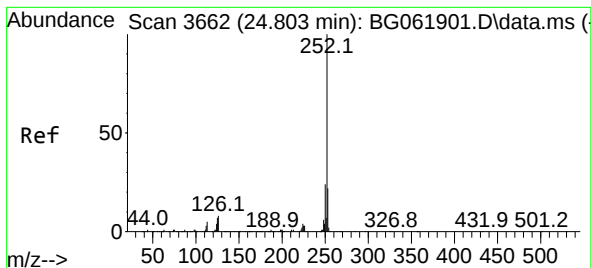
Ion Ratio Lower Upper

252 100

253 24.6 19.3 28.9

125 6.8 6.3 9.5





#93

Benzo(a)pyrene

Concen: 2.803 ng/ul

RT: 24.806 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

Instrument :

BNA_G

ClientSampleId :

A4CT2MSD

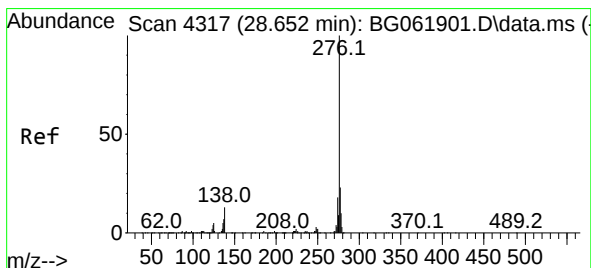
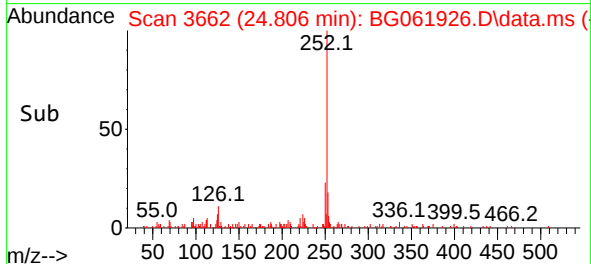
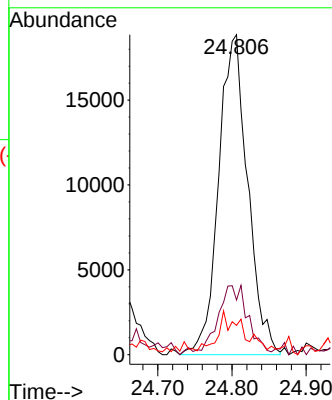
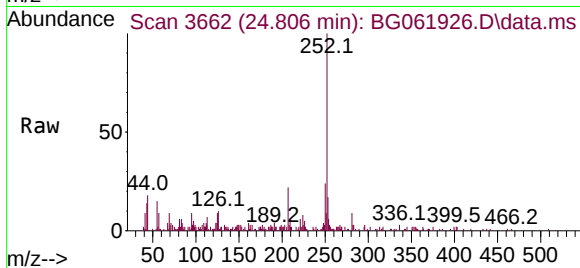
Tgt Ion:252 Resp: 51351

Ion Ratio Lower Upper

252 100

253 17.1 16.5 24.7

125 9.2 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.545 ng/ul

RT: 28.643 min Scan# 4315

Delta R.T. -0.021 min

Lab File: BG061926.D

Acq: 6 Jul 2024 12:02

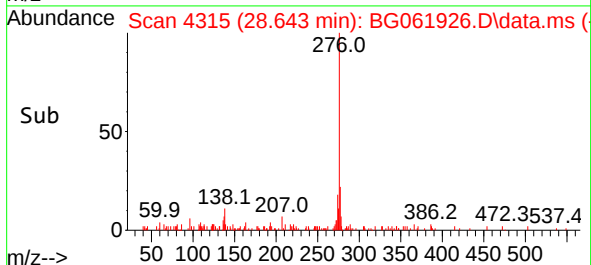
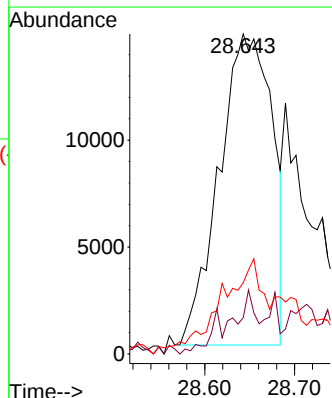
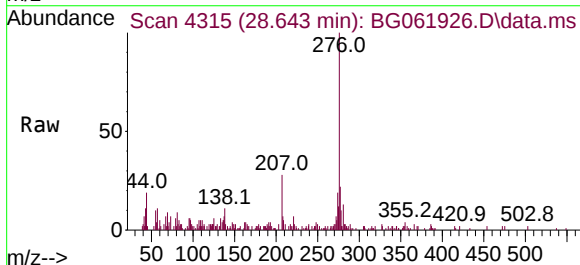
Tgt Ion:276 Resp: 59567

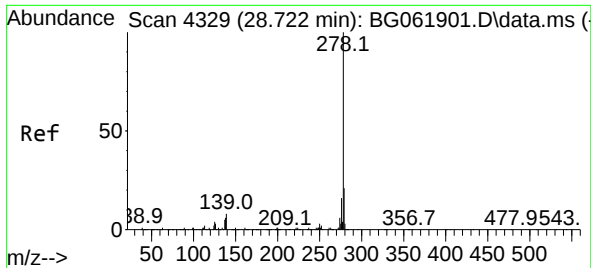
Ion Ratio Lower Upper

276 100

138 11.4 11.9 17.9#

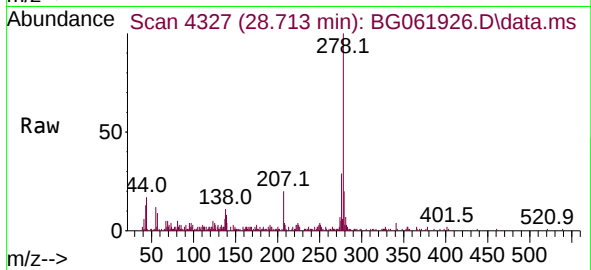
277 22.3 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 2.725 ng/ul
 RT: 28.713 min Scan# 41
 Delta R.T. -0.021 min
 Lab File: BG061926.D
 Acq: 6 Jul 2024 12:02

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MSD



Tgt Ion:278 Resp: 52689
 Ion Ratio Lower Upper
 278 100
 139 11.5 7.6 11.4#
 279 20.2 18.8 28.2

