

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061925.D
 Acq On : 6 Jul 2024 11:22
 Operator : MA/JU
 Sample : P2982-02MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MS

Quant Time: Jul 08 01:42:03 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	8.094	152	34820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	175412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	133347	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	304997	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	266503	20.000	ng/ul	# 0.00
88) Perylene-d12	24.957	264	318902	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	139	0.150	ng/uL	0.00
4) Pyridine-d5	3.923	84	2020	0.709	ng/ul	0.02
7) Phenol-d5	7.242	99	10688	2.805	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	6708	2.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	7035	2.691	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	7152	2.384	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	4051	3.037	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	5042	3.310	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	9170	3.121	ng/ul	0.00
31) 4-Chloroaniline-d4	11.038	131	5873	1.377	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	34640	3.160	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	37420	3.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	4796	2.739	ng/ul	-0.01
60) Fluorene-d10	15.703	176	30794	3.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	4294	2.681	ng/ul	-0.01
73) Anthracene-d10	17.554	188	47388	3.328	ng/ul	0.00
81) Pyrene-d10	19.833	212	45865	2.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	34238	2.165	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	1330	1.300	ng/uL#	68
6) Benzaldehyde	7.236	77	4345	2.154	ng/ul	89
8) Phenol	7.272	94	14141	3.625	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.512	93	9826	3.279	ng/ul	90
12) 2-Chlorophenol	7.659	128	9601	3.605	ng/ul	94
13) 2-Methylphenol	8.529	108	7745	2.781	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.611	45	12677	1.936	ng/ul#	95
16) Acetophenone	8.917	105	18369	3.706	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.887	70	9116	3.286	ng/ul#	87
18) 4-Methylphenol	8.864	108	9898	3.174	ng/ul	89
19) Hexachloroethane	9.175	117	3572	3.092	ng/ul#	73
22) Nitrobenzene	9.304	77	14347	3.789	ng/ul#	89
23) Isophorone	9.821	82	28079	3.282	ng/ul	97
25) 2-Nitrophenol	10.015	139	5566	3.583	ng/ul#	70
27) Bis(2-Chloroethoxy)met...	10.309	93	15712	3.335	ng/ul#	97
29) 2,4-Dichlorophenol	10.556	162	10557	3.825	ng/ul#	93
30) Naphthalene	10.961	128	38055	3.949	ng/ul	97
32) 4-Chloroaniline	11.061	127	8072	1.928	ng/ul	98
33) Hexachlorobutadiene	11.232	225	8813	4.243	ng/ul#	84
34) Caprolactam	11.802	113	3807	3.520	ng/ul	97
35) 4-Chloro-3-methylphenol	12.172	107	14391	3.915	ng/ul#	84
36) 2-Methylnaphthalene	12.554	142	28202	4.040	ng/ul	96
37) 1-Methylnaphthalene	12.771	142	27613	3.806	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.912	216	16267	4.062	ng/ul#	92

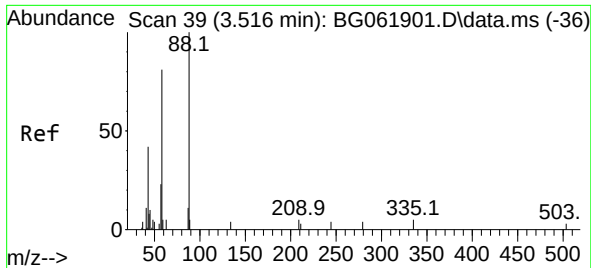
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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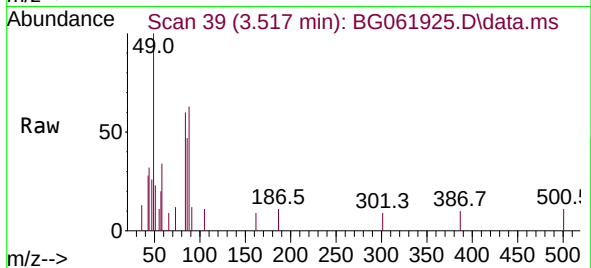
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	13.159	196	11266	4.236	ng/ul	97
42) 2,4,5-Trichlorophenol	13.223	196	11950	4.090	ng/ul	98
43) 1,1'-Biphenyl	13.558	154	38720	3.769	ng/ul#	96
44) 2-Chloronaphthalene	13.599	162	29514	3.828	ng/ul#	86
45) 2-Nitroaniline	13.799	65	13139	4.255	ng/ul	95
47) Dimethylphthalate	14.163	163	40791	3.868	ng/ul#	99
48) 2,6-Dinitrotoluene	14.287	165	8214	4.106	ng/ul#	85
50) Acenaphthylene	14.440	152	50432	4.008	ng/ul	97
51) 3-Nitroaniline	14.616	138	7582	3.894	ng/ul#	84
52) Acenaphthene	14.780	153	35571	4.094	ng/ul	97
53) 2,4-Dinitrophenol	14.827	184	1471	1.408	ng/ul	99
55) 4-Nitrophenol	14.927	109	8895	4.452	ng/ul#	77
56) Dibenzofuran	15.109	168	50410	4.106	ng/ul	93
57) 2,4-Dinitrotoluene	15.074	165	12644	4.310	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.339	232	11334	4.296	ng/ul	93
59) Diethylphthalate	15.521	149	44684	3.932	ng/ul#	92
61) Fluorene	15.762	166	45328	4.341	ng/ul#	88
62) 4-Chlorophenyl-phenyle...	15.750	204	21089	4.021	ng/ul	95
63) 4-Nitroaniline	15.773	138	9128	4.620	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.826	198	5356	3.107	ng/ul#	92
67) N-Nitrosodiphenylamine	15.961	169	36262	4.354	ng/ul	94
68) 4-Bromophenyl-phenylether	16.643	248	16242	4.694	ng/ul	95
69) Hexachlorobenzene	16.755	284	14058	3.533	ng/ul#	89
70) Atrazine	16.901	200	10276	3.125	ng/ul	94
71) Pentachlorophenol	17.101	266	5972	2.731	ng/ul#	82
72) Phenanthrene	17.501	178	91905	5.715	ng/ul	100
74) Anthracene	17.589	178	67242	4.046	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.517	216	18527	4.891	ng/ul	90
76) Pentachlorobenzene	15.027	250	16865	3.903	ng/ul	93
77) Carbazole	17.859	167	54932	3.927	ng/ul	96
78) Di-n-butylphthalate	18.406	149	79342	4.418	ng/ul	97
80) Fluoranthene	19.504	202	129558	6.984	ng/ul#	97
82) Pyrene	19.863	202	98677	5.149	ng/ul#	95
83) Butylbenzylphthalate	20.738	149	33525	4.169	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.614	252	18159	2.864	ng/ul#	89
85) Benzo(a)anthracene	21.696	228	107809	5.587	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.596	149	57461	4.979	ng/ul#	99
87) Chrysene	21.766	228	104429	5.781	ng/ul	95
89) Di-n-octyl phthalate	22.818	149	82068	4.212	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	121998	6.072	ng/ul	99
91) Benzo(k)fluoranthene	23.993	252	102676	5.125	ng/ul	97
93) Benzo(a)pyrene	24.798	252	44463	2.337	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.641	276	31307	1.288	ng/ul#	84
95) Dibenzo(a,h)anthracene	28.717	278	85991	4.282	ng/ul#	92

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

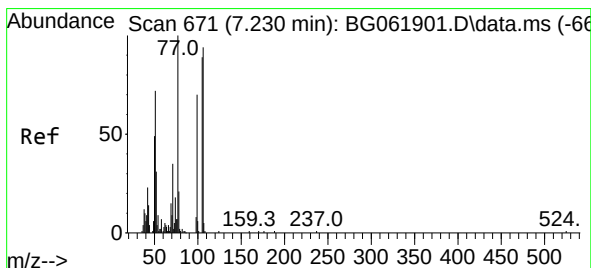
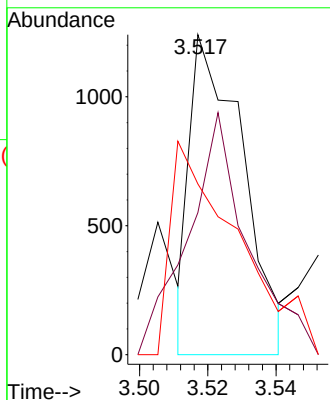
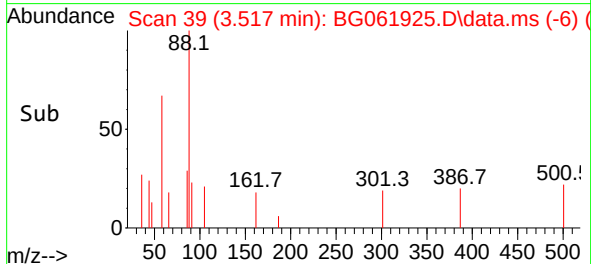


#2
1,4-Dioxane
Concen: 1.300 ng/uL
RT: 3.517 min Scan# 39
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Instrument :
BNA_G
ClientSampleId :
A4CT2MS

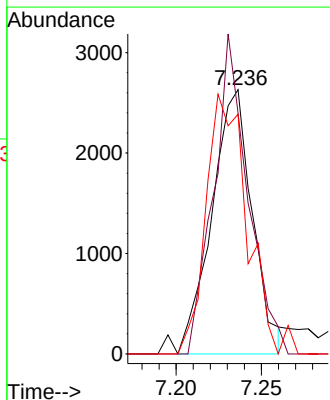
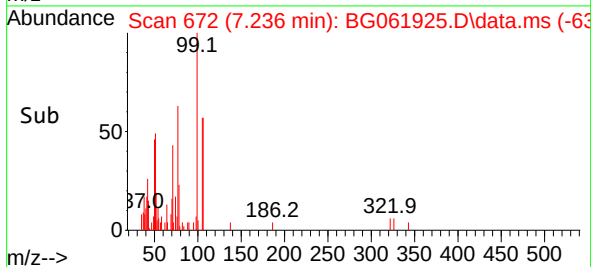
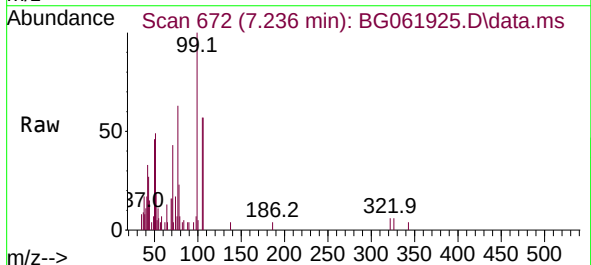


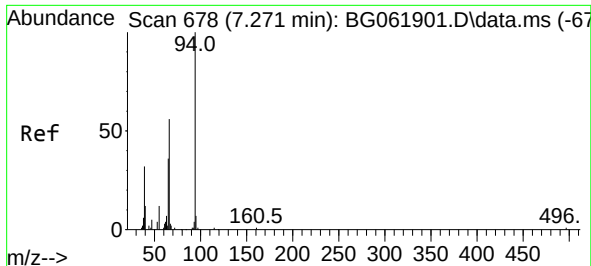
Tgt Ion: 88 Resp: 1330
Ion Ratio Lower Upper
88 100
43 44.4 39.4 59.2
58 53.3 78.1 117.1#



#6
Benzaldehyde
Concen: 2.154 ng/uL
RT: 7.236 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion: 77 Resp: 4345
Ion Ratio Lower Upper
77 100
105 91.2 79.6 119.4
106 90.7 62.6 93.8

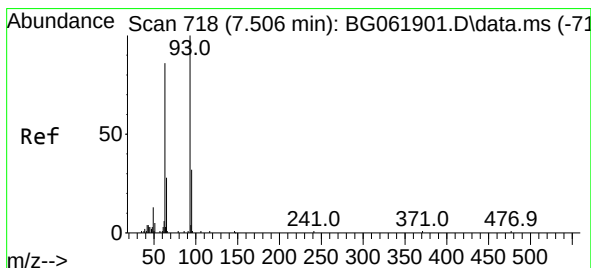
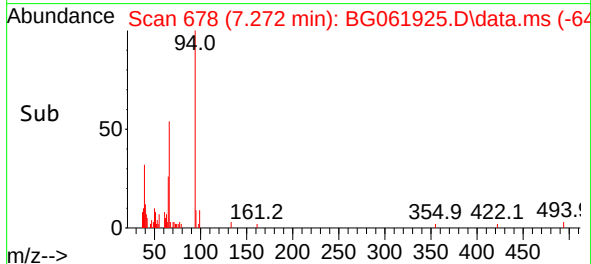
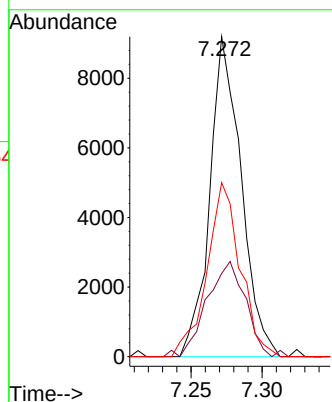
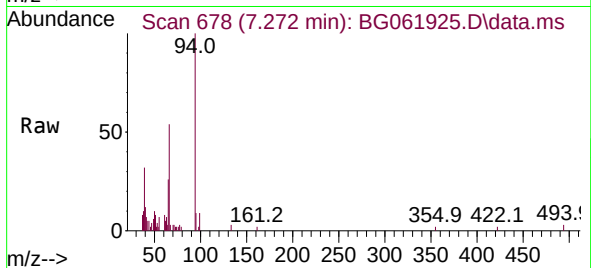




#8
Phenol
Concen: 3.625 ng/ul
RT: 7.272 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

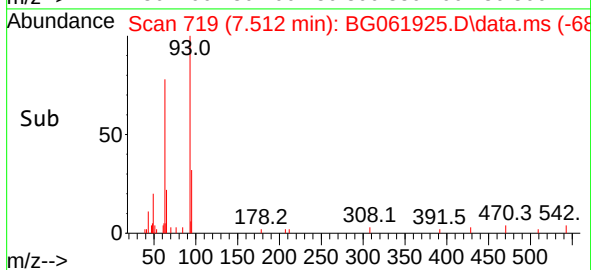
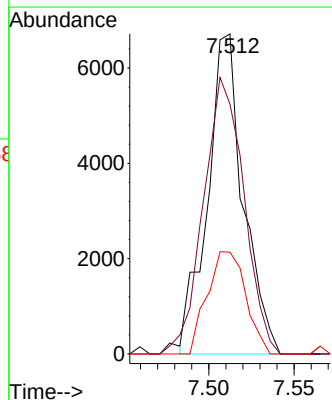
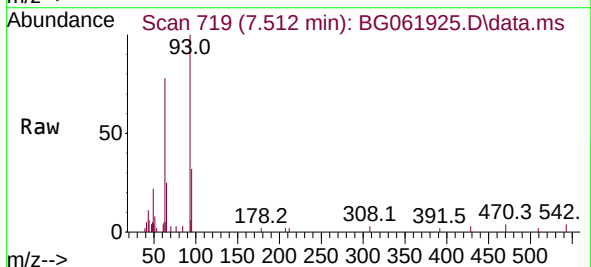
Instrument :
BNA_G
ClientSampleId :
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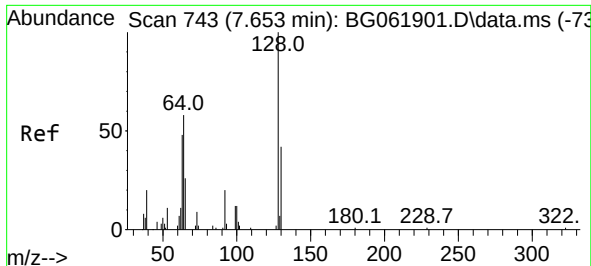
Tgt Ion: 94 Resp: 14141
Ion Ratio Lower Upper
94 100
65 26.0 29.0 43.4#
66 54.4 37.4 56.2



#10
Bis(2-Chloroethyl)ether
Concen: 3.279 ng/ul
RT: 7.512 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion: 93 Resp: 9826
Ion Ratio Lower Upper
93 100
63 78.1 72.2 108.2
95 31.8 26.7 40.1





#12

2-Chlorophenol

Concen: 3.605 ng/ul

RT: 7.659 min Scan# 743

Delta R.T. 0.000 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

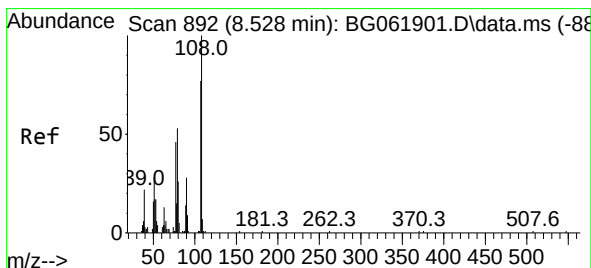
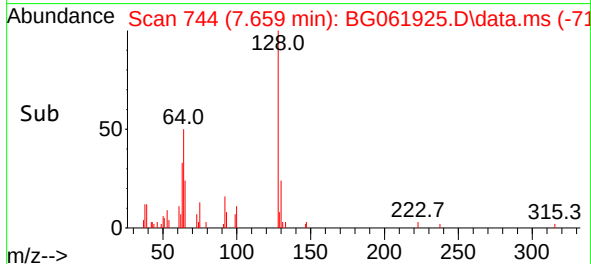
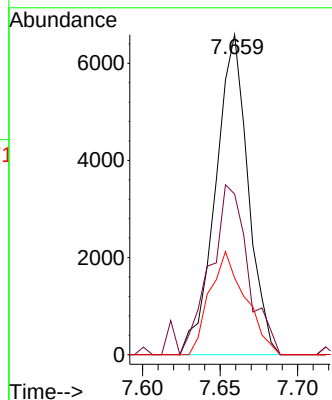
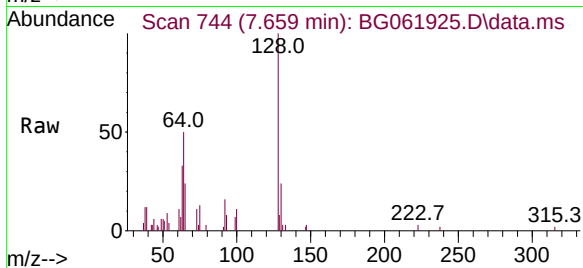
Tgt Ion:128 Resp: 9601

Ion Ratio Lower Upper

128 100

64 50.2 42.6 63.8

130 23.9 23.3 34.9



#13

2-Methylphenol

Concen: 2.781 ng/ul

RT: 8.529 min Scan# 892

Delta R.T. -0.012 min

Lab File: BG061925.D

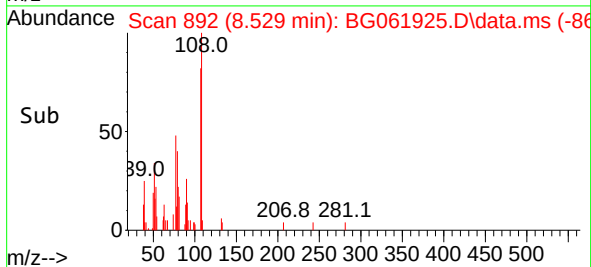
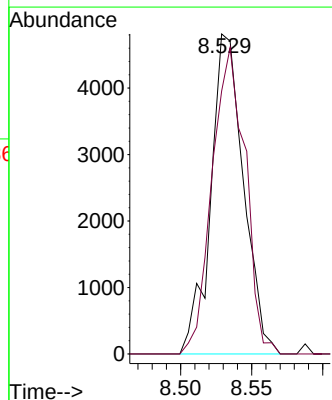
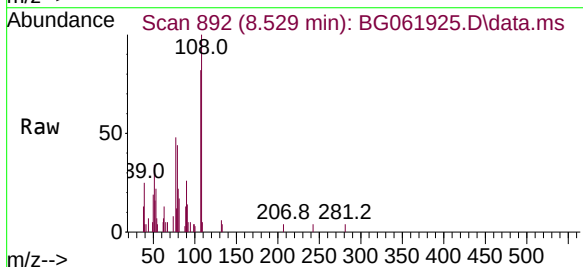
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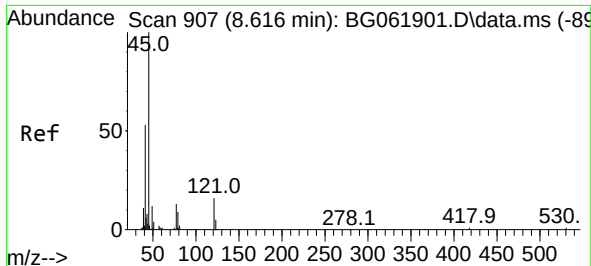
Tgt Ion:108 Resp: 7745

Ion Ratio Lower Upper

108 100

107 82.1 74.9 112.3

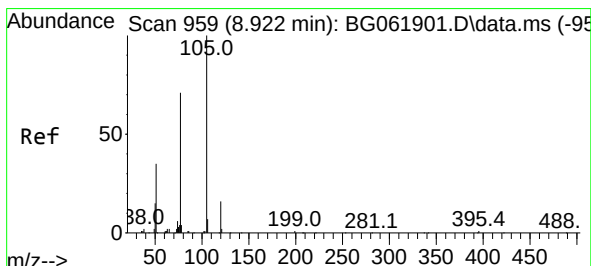
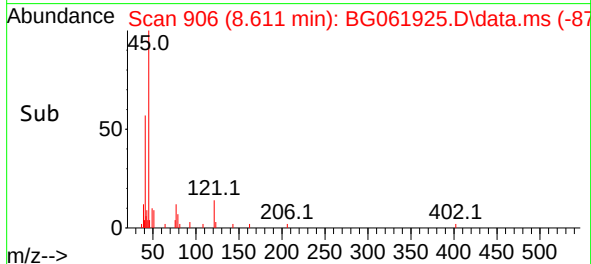
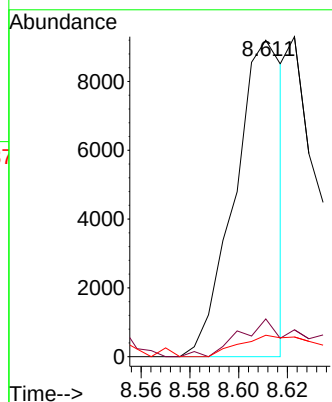
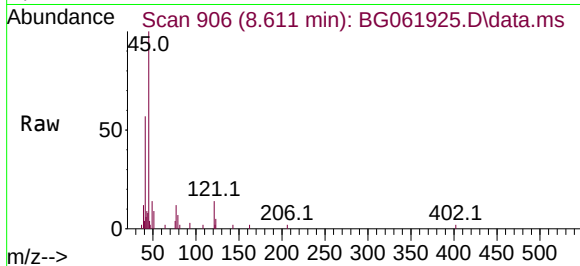




#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.936 ng/ul
RT: 8.611 min Scan# 907
Delta R.T. -0.012 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

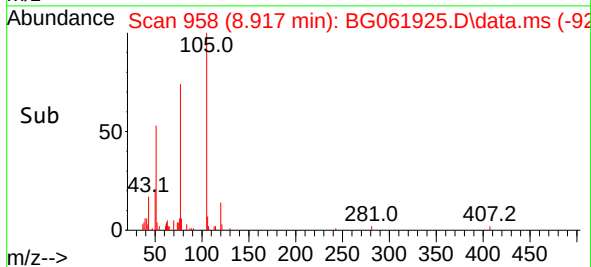
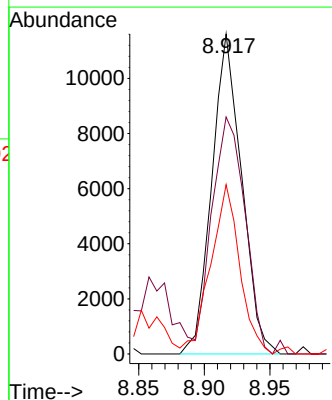
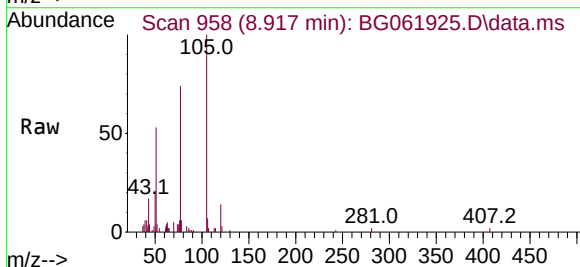
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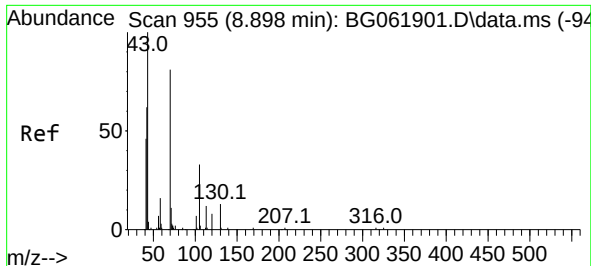
Tgt Ion: 45 Resp: 12677
Ion Ratio Lower Upper
45 100
77 11.9 7.4 11.0#
79 6.8 4.8 7.2



#16
Acetophenone
Concen: 3.706 ng/ul
RT: 8.917 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion: 105 Resp: 18369
Ion Ratio Lower Upper
105 100
77 74.0 64.1 96.1
51 52.9 33.8 50.8#





#17

N-Nitroso-di-n-propylamine

Concen: 3.286 ng/ul

RT: 8.887 min Scan# 9116

Delta R.T. -0.012 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

Tgt Ion: 70 Resp: 9116

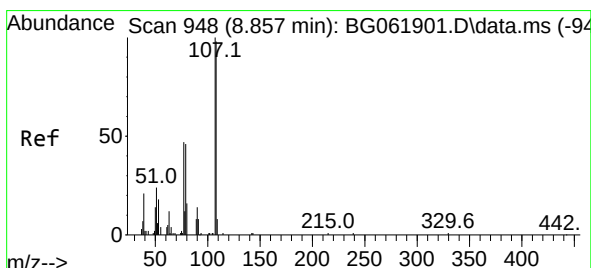
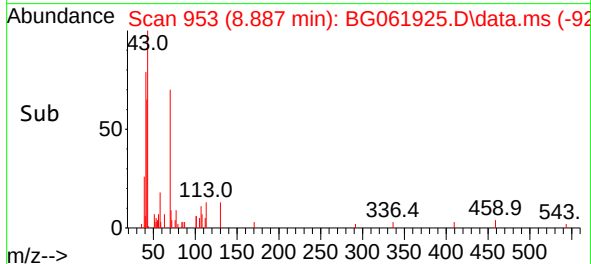
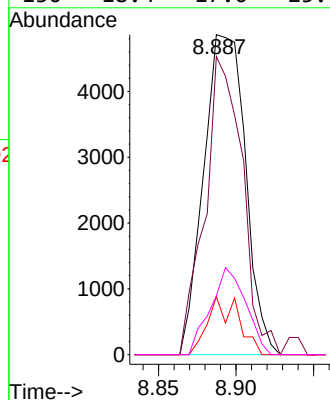
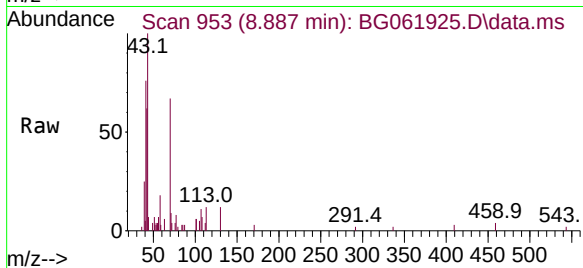
Ion Ratio Lower Upper

70 100

42 93.1 64.7 97.1

101 18.1 7.3 10.9#

130 18.4 17.0 25.6



#18

4-Methylphenol

Concen: 3.174 ng/ul

RT: 8.864 min Scan# 949

Delta R.T. 0.000 min

Lab File: BG061925.D

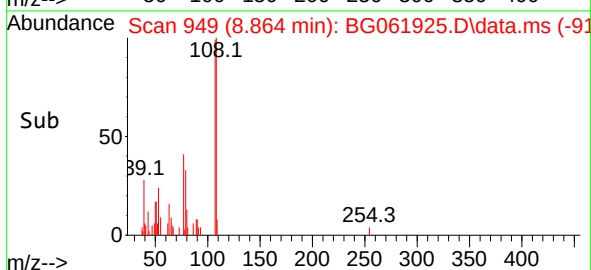
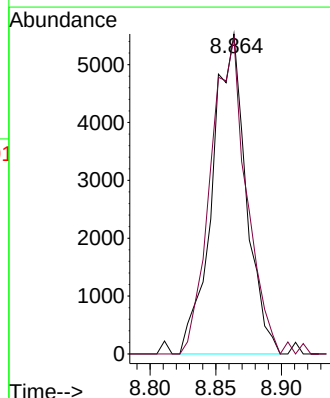
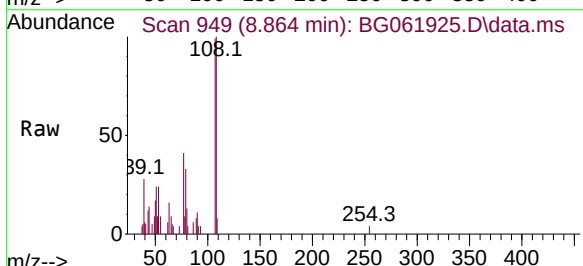
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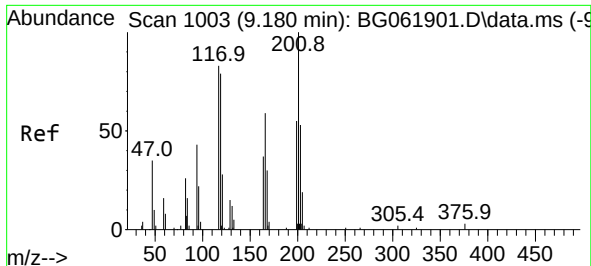
Tgt Ion: 108 Resp: 9898

Ion Ratio Lower Upper

108 100

107 98.8 88.4 132.6

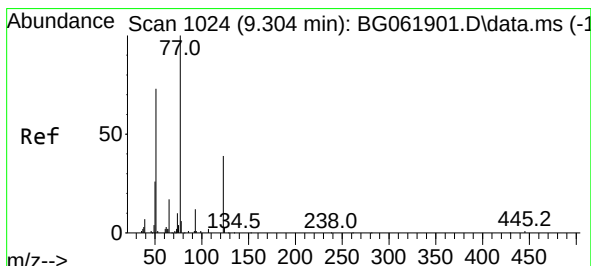
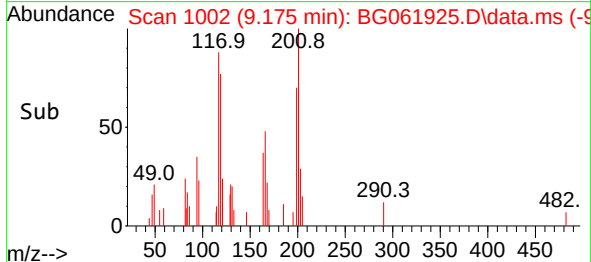
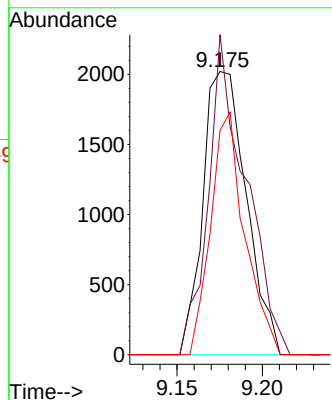
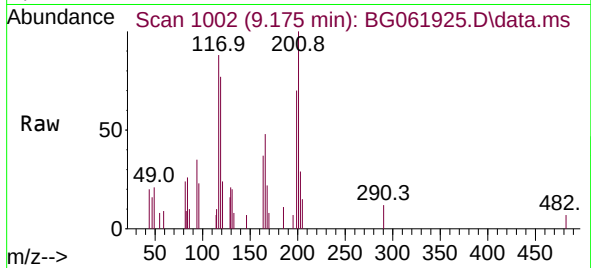




#19
Hexachloroethane
Concen: 3.092 ng/ul
RT: 9.175 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

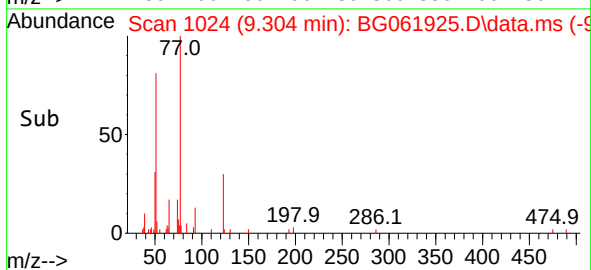
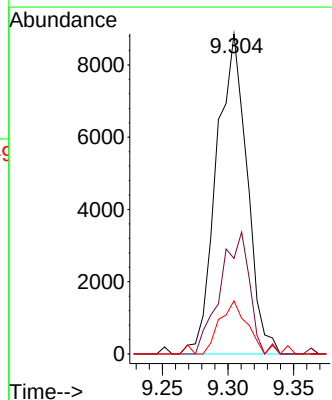
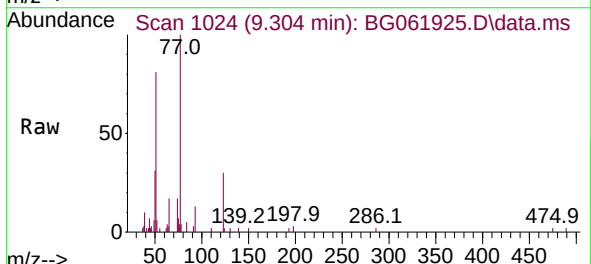
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

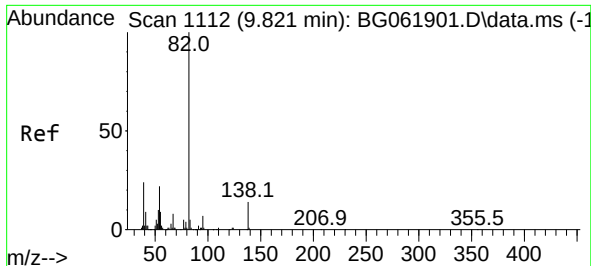
Tgt Ion:117 Resp: 3572
Ion Ratio Lower Upper
117 100
201 113.0 69.3 103.9#
199 79.2 48.9 73.3#



#22
Nitrobenzene
Concen: 3.789 ng/ul
RT: 9.304 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion: 77 Resp: 14347
Ion Ratio Lower Upper
77 100
123 29.8 31.0 46.6#
65 16.6 12.7 19.1

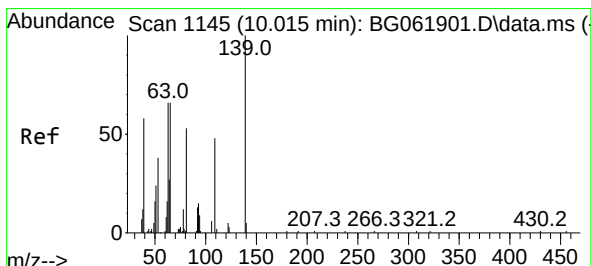
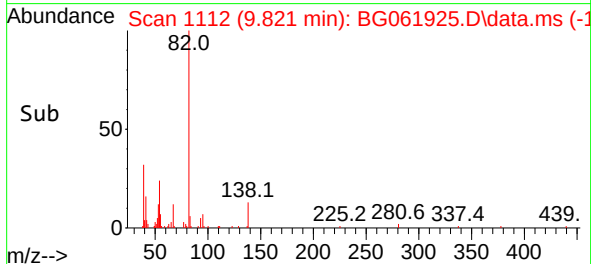
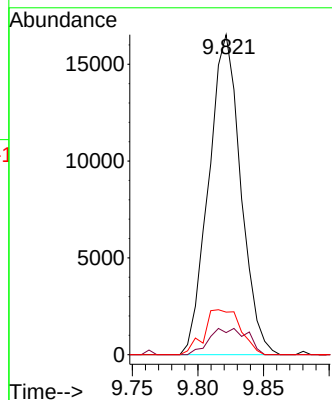
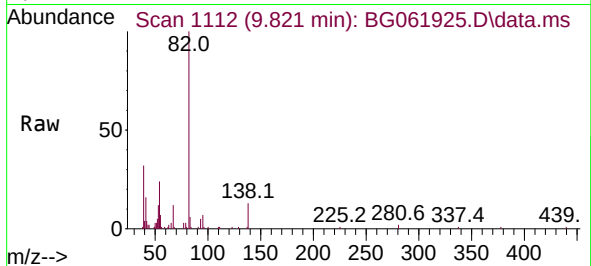




#23
Isophorone
Concen: 3.282 ng/ul
RT: 9.821 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

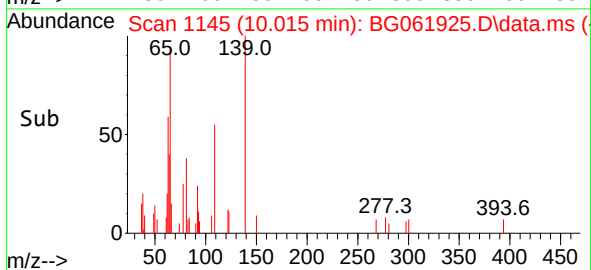
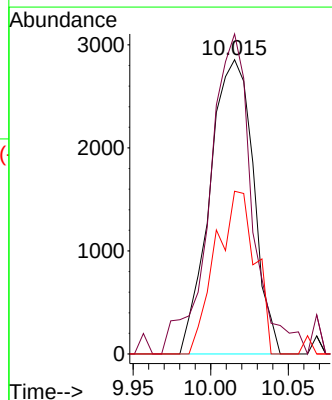
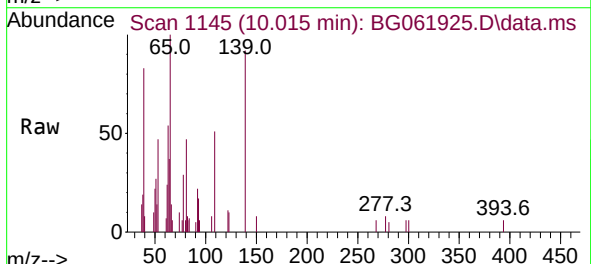
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

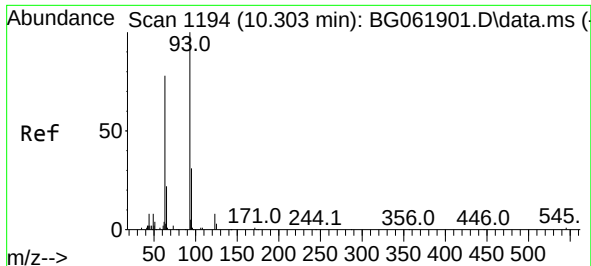
Tgt Ion: 82 Resp: 28079
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 13.3 11.9 17.9



#25
2-Nitrophenol
Concen: 3.583 ng/ul
RT: 10.015 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:139 Resp: 5566
Ion Ratio Lower Upper
139 100
65 108.8 61.6 92.4#
109 55.3 35.4 53.2#

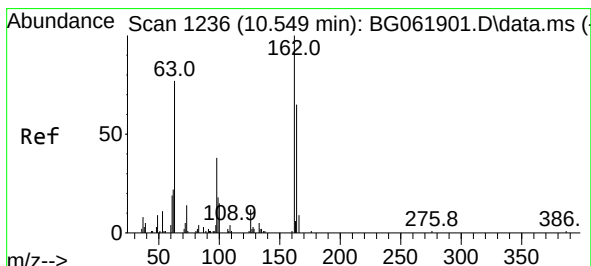
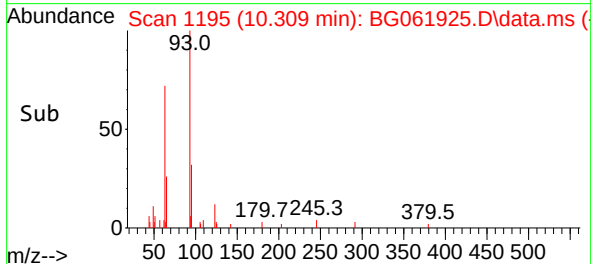
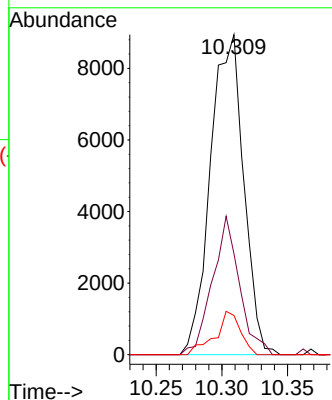
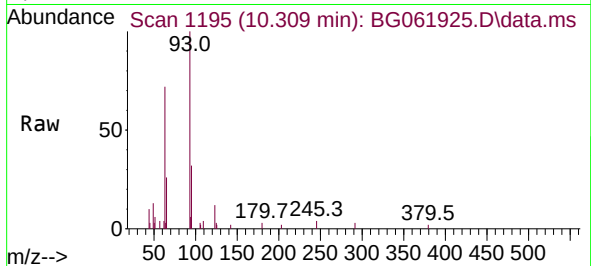




#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.335 ng/ul
 RT: 10.309 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BG061925.D
 Acq: 6 Jul 2024 11:22

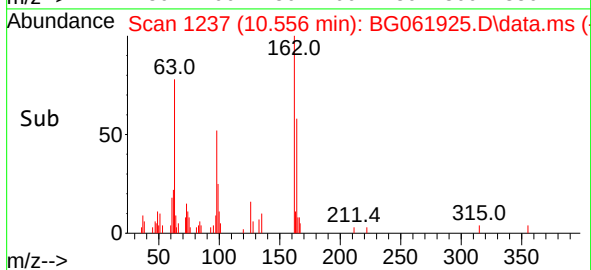
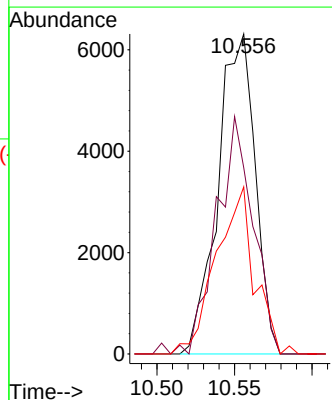
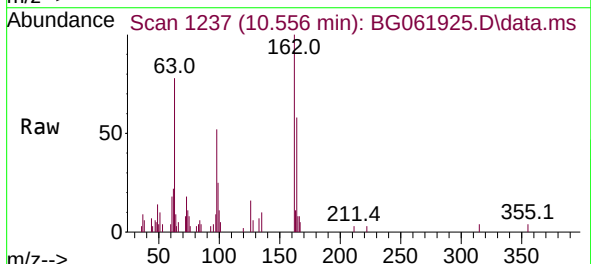
Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MS

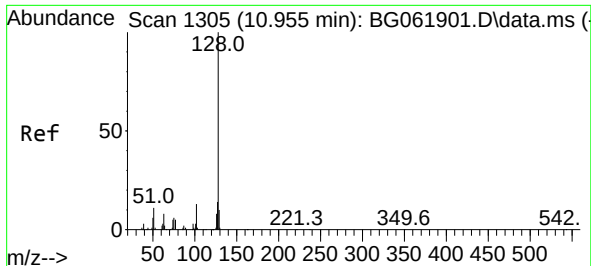
Tgt Ion: 93 Resp: 15712
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.2
 123 12.3 7.5 11.3#



#29
 2,4-Dichlorophenol
 Concen: 3.825 ng/ul
 RT: 10.556 min Scan# 1237
 Delta R.T. 0.000 min
 Lab File: BG061925.D
 Acq: 6 Jul 2024 11:22

Tgt Ion:162 Resp: 10557
 Ion Ratio Lower Upper
 162 100
 164 58.3 46.9 70.3
 98 52.2 33.4 50.2#

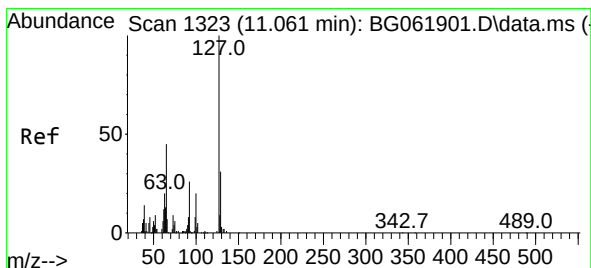
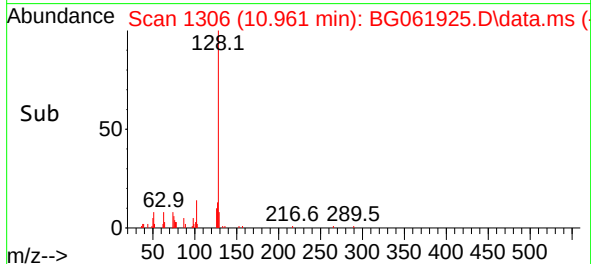
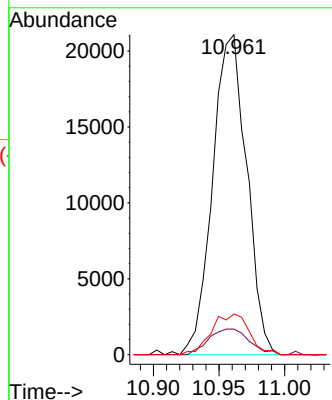
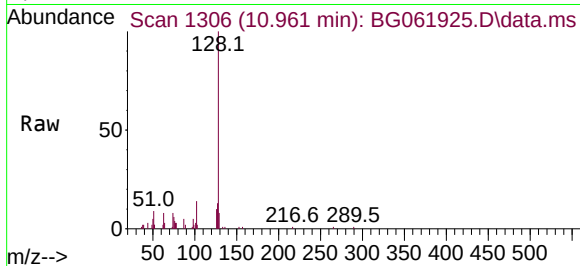




#30
Naphthalene
Concen: 3.949 ng/ul
RT: 10.961 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

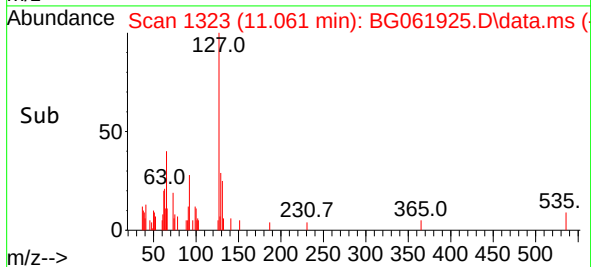
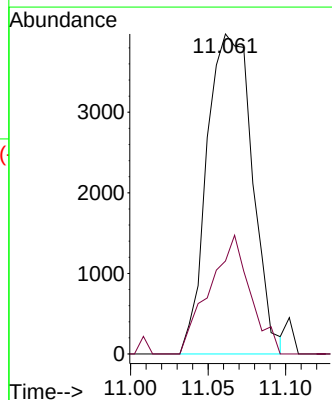
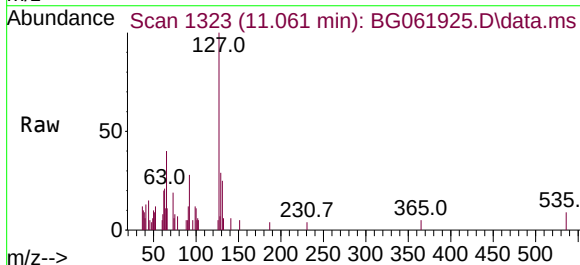
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

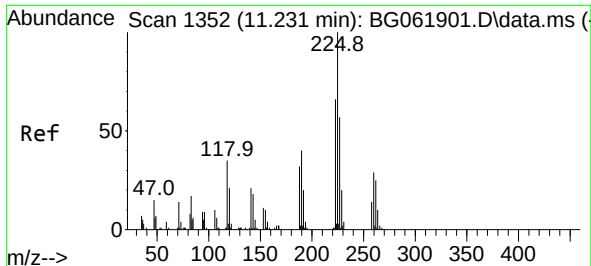
Tgt Ion:128 Resp: 38055
Ion Ratio Lower Upper
128 100
129 8.0 7.7 11.5
127 12.7 9.6 14.4



#32
4-Chloroaniline
Concen: 1.928 ng/ul
RT: 11.061 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

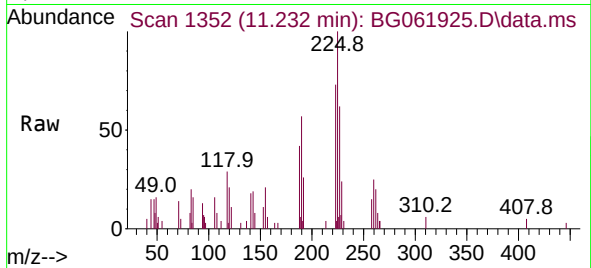
Tgt Ion:127 Resp: 8072
Ion Ratio Lower Upper
127 100
129 29.1 24.2 36.4



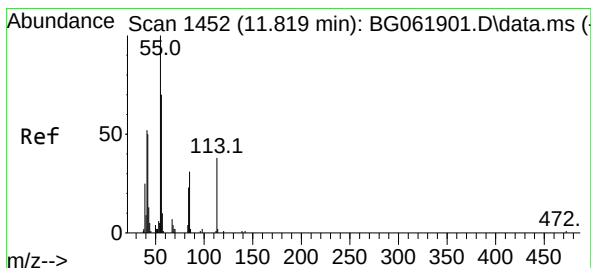
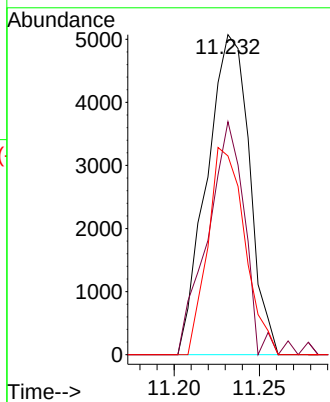
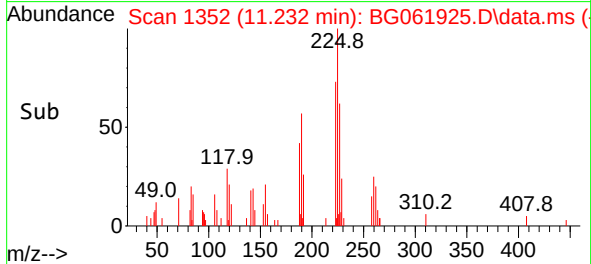


#33
Hexachlorobutadiene
Concen: 4.243 ng/ul
RT: 11.232 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Instrument :
BNA_G
ClientSampleId :
A4CT2MS

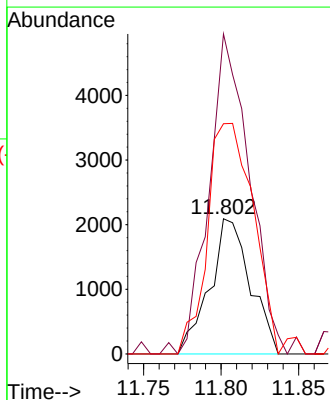
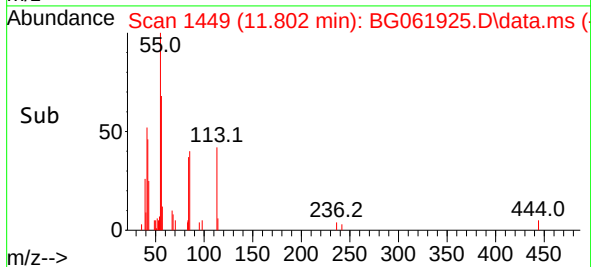
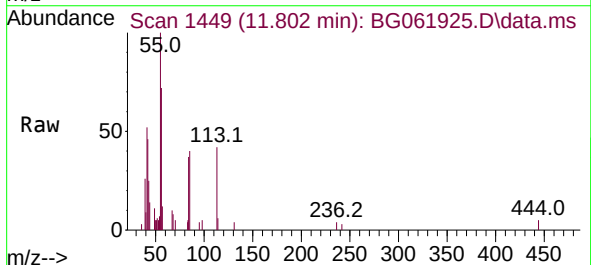


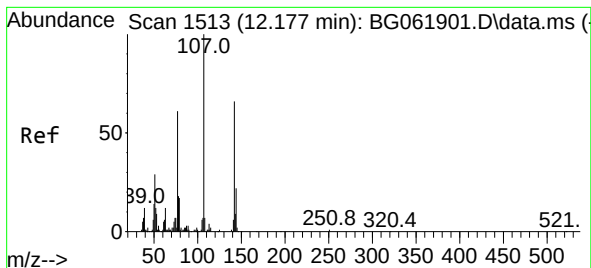
Tgt Ion:225 Resp: 8813
Ion Ratio Lower Upper
225 100
223 72.8 45.4 68.2#
227 62.1 44.0 66.0



#34
Caprolactam
Concen: 3.520 ng/ul
RT: 11.802 min Scan# 1449
Delta R.T. -0.041 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:113 Resp: 3807
Ion Ratio Lower Upper
113 100
55 236.8 184.6 276.8
56 170.3 135.0 202.6

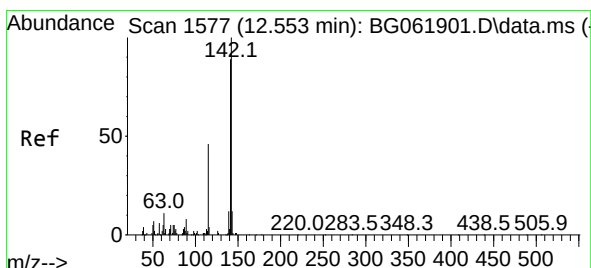
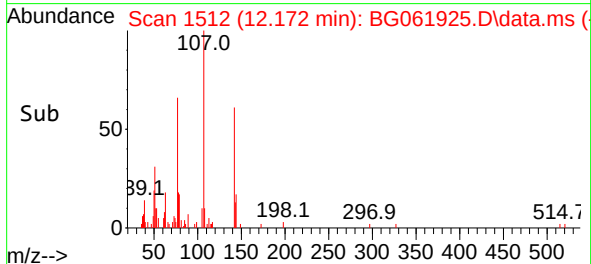
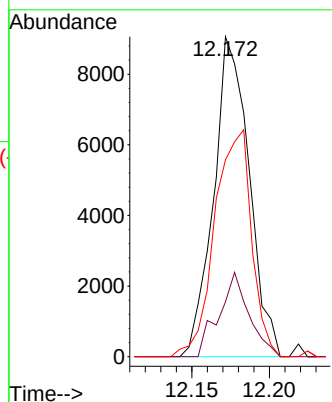
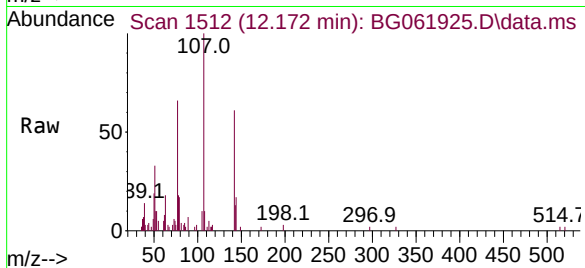




#35
4-Chloro-3-methylphenol
Concen: 3.915 ng/ul
RT: 12.172 min Scan# 1513
Delta R.T. -0.012 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

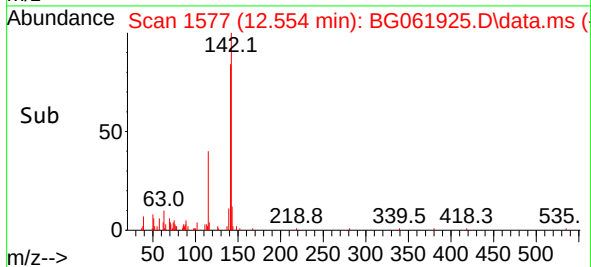
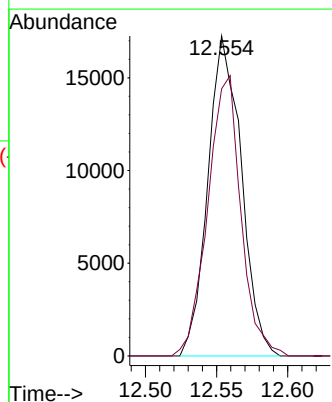
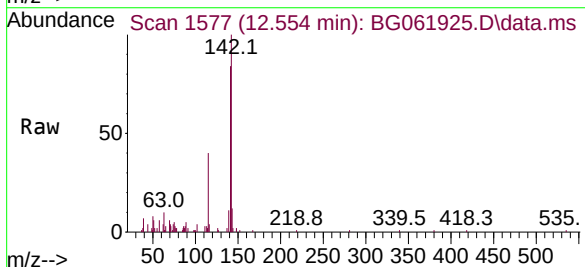
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

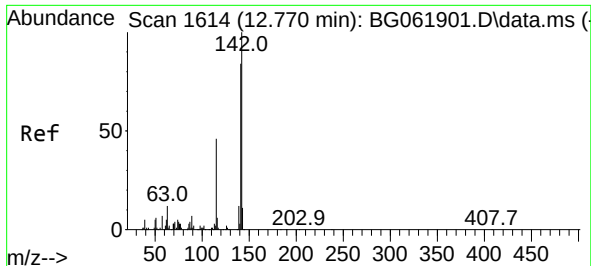
Tgt Ion	Ratio	Lower	Upper
107	100		
144	17.1	19.6	29.4#
142	61.5	60.3	90.5



#36
2-Methylnaphthalene
Concen: 4.040 ng/ul
RT: 12.554 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.5	69.4	104.2





#37

1-Methylnaphthalene

Concen: 3.806 ng/ul

RT: 12.771 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

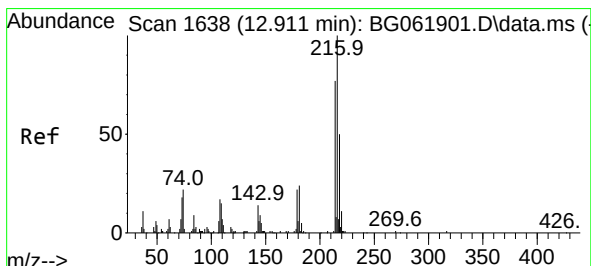
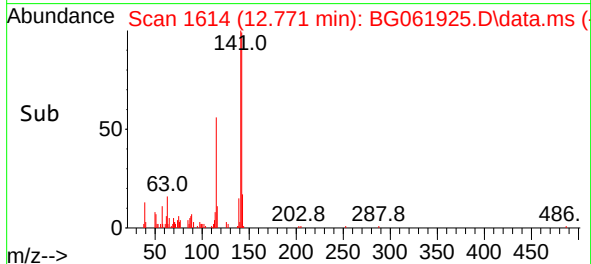
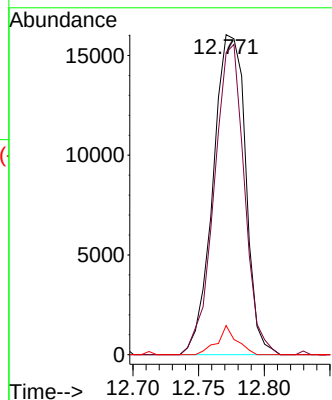
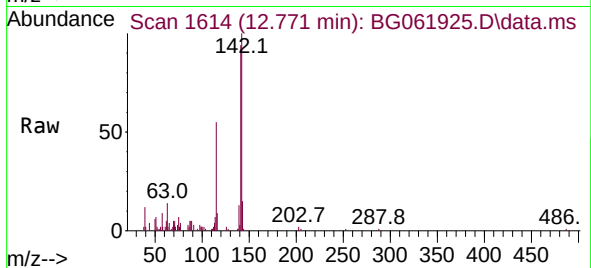
Tgt Ion:142 Resp: 27613

Ion Ratio Lower Upper

142 100

141 94.4 71.4 107.2

116 9.1 3.8 5.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.062 ng/ul

RT: 12.912 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Tgt Ion:216 Resp: 16267

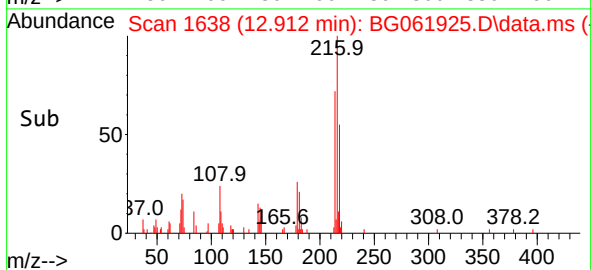
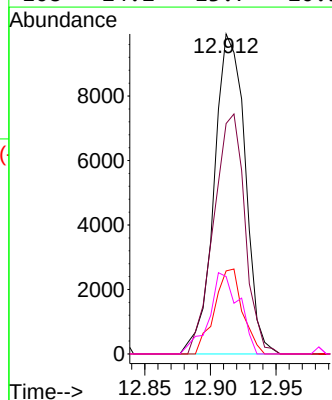
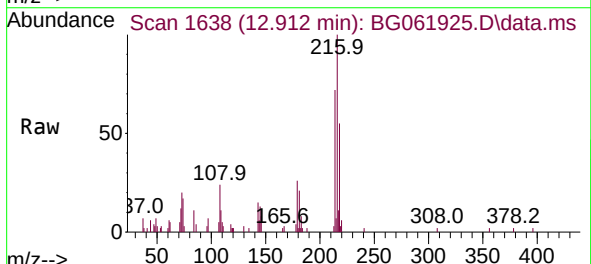
Ion Ratio Lower Upper

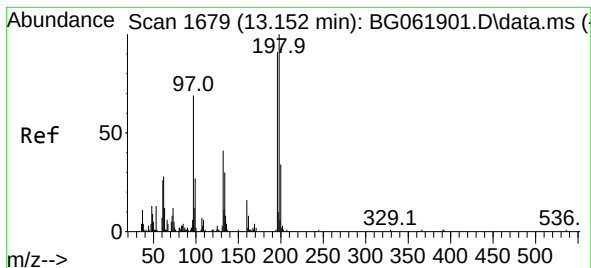
216 100

214 72.0 62.5 93.7

179 26.0 18.6 27.8

108 24.2 13.7 20.5#





#41

2,4,6-Trichlorophenol

Concen: 4.236 ng/ul

RT: 13.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

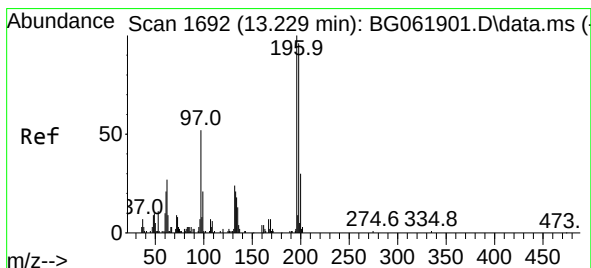
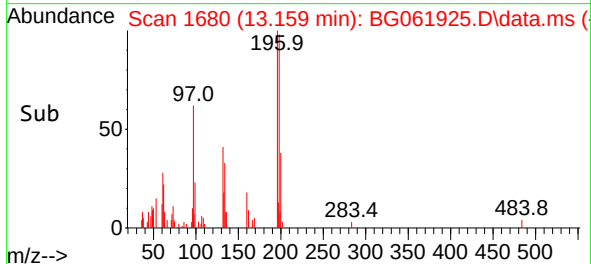
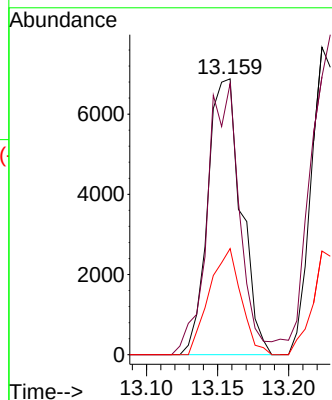
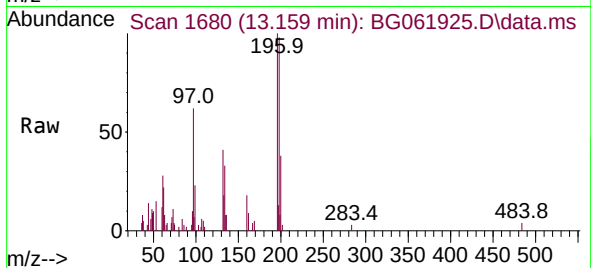
Tgt Ion:196 Resp: 11266

Ion Ratio Lower Upper

196 100

198 98.3 79.9 119.9

200 38.5 26.7 40.1



#42

2,4,5-Trichlorophenol

Concen: 4.090 ng/ul

RT: 13.223 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

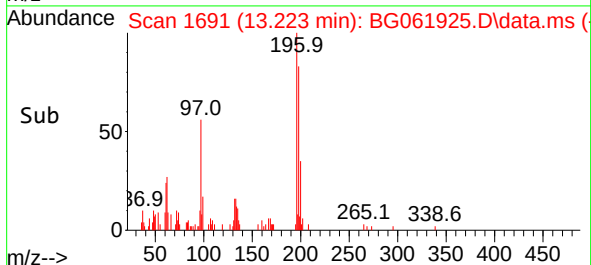
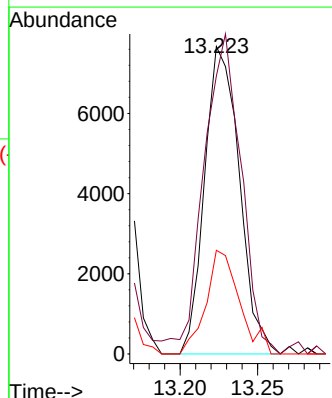
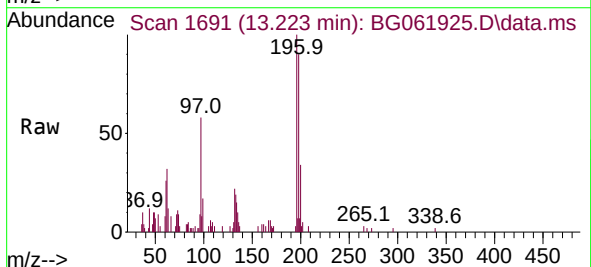
Tgt Ion:196 Resp: 11950

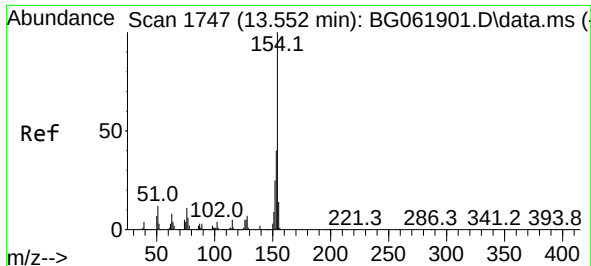
Ion Ratio Lower Upper

196 100

198 90.4 72.5 108.7

200 33.7 23.7 35.5

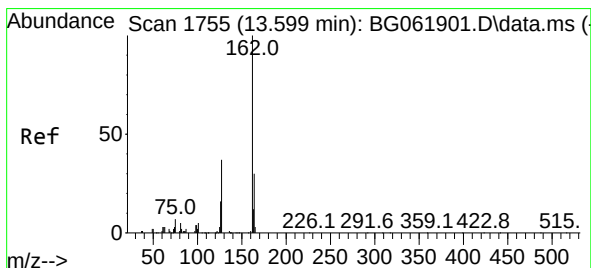
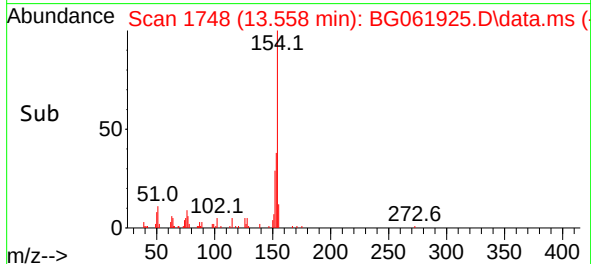
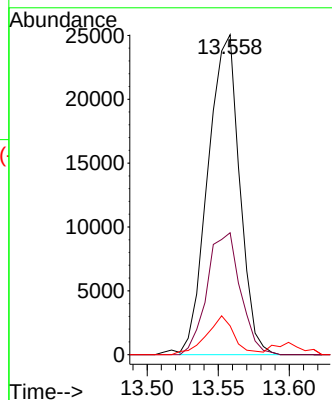
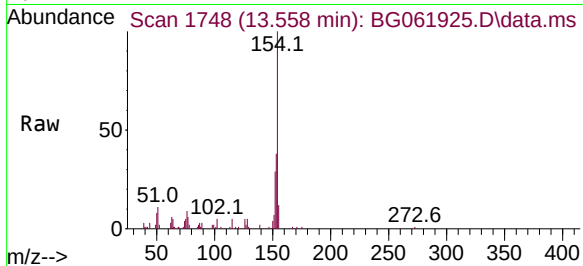




#43
1,1'-Biphenyl
Concen: 3.769 ng/ul
RT: 13.558 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

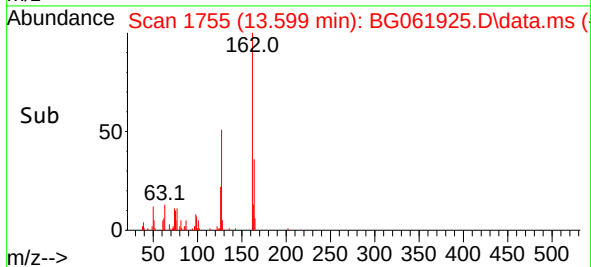
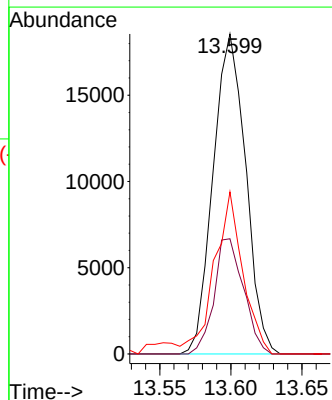
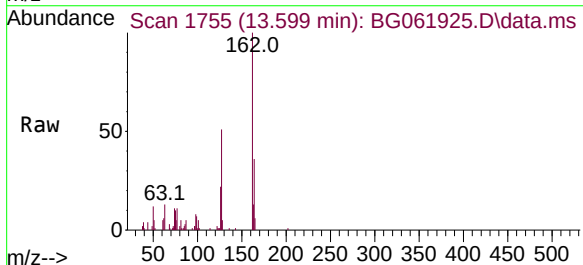
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

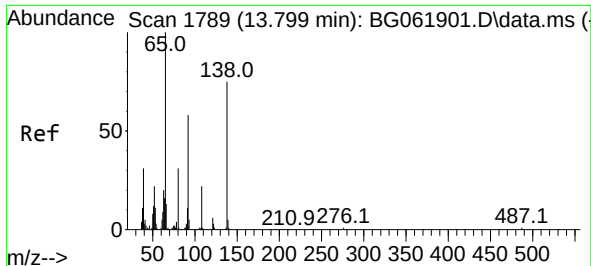
Tgt Ion:154 Resp: 38720
Ion Ratio Lower Upper
154 100
153 38.1 31.7 47.5
76 9.0 10.0 15.0#



#44
2-Chloronaphthalene
Concen: 3.828 ng/ul
RT: 13.599 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:162 Resp: 29514
Ion Ratio Lower Upper
162 100
164 36.0 23.3 34.9#
127 50.6 33.2 49.8#

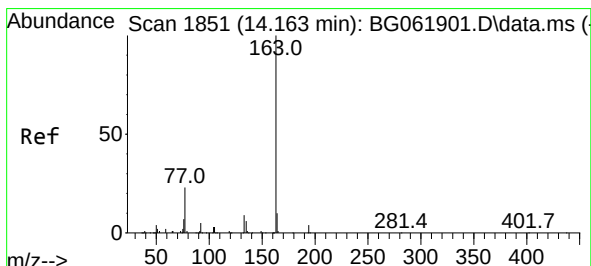
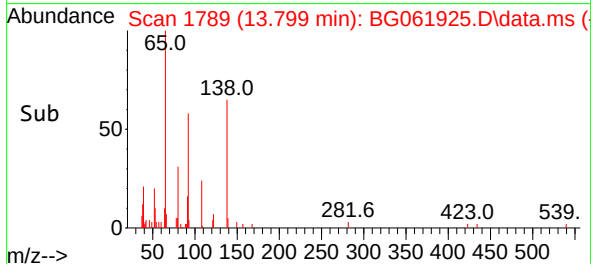
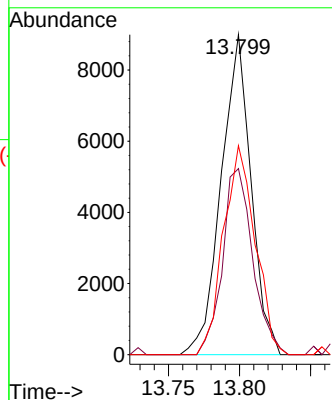
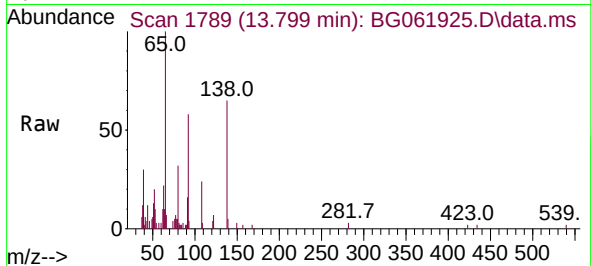




#45
2-Nitroaniline
Concen: 4.255 ng/ul
RT: 13.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

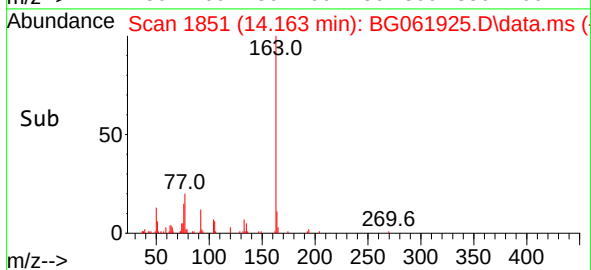
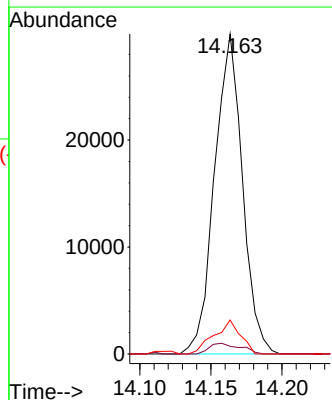
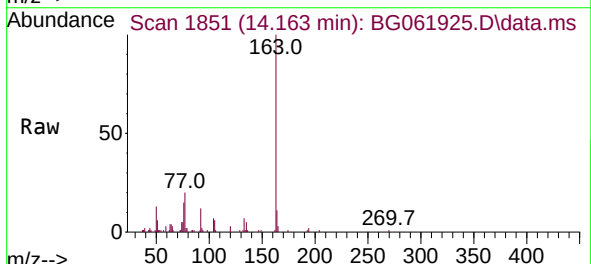
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

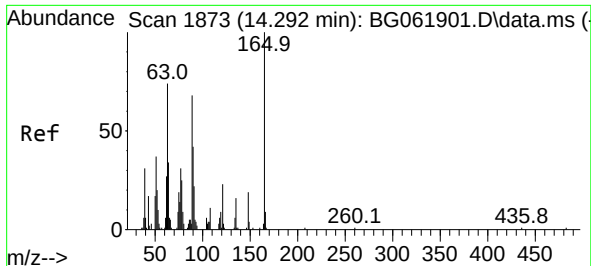
Tgt Ion: 65 Resp: 13139
Ion Ratio Lower Upper
65 100
92 58.1 48.2 72.4
138 65.3 56.8 85.2



#47
Dimethylphthalate
Concen: 3.868 ng/ul
RT: 14.163 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:163 Resp: 40791
Ion Ratio Lower Upper
163 100
194 2.4 2.6 4.0#
164 10.6 8.2 12.4

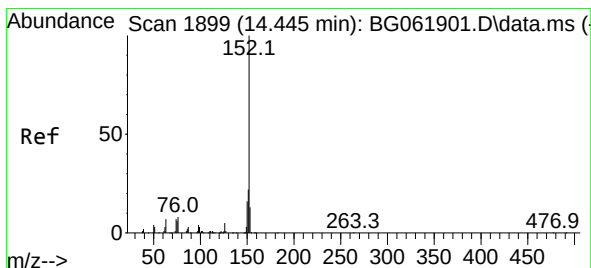
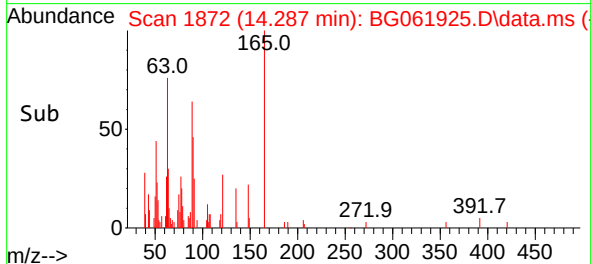
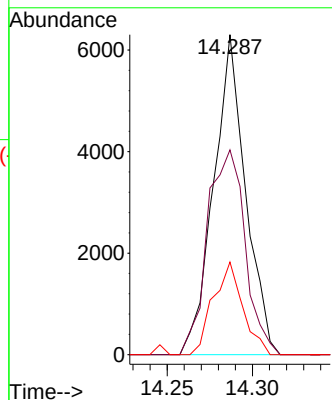
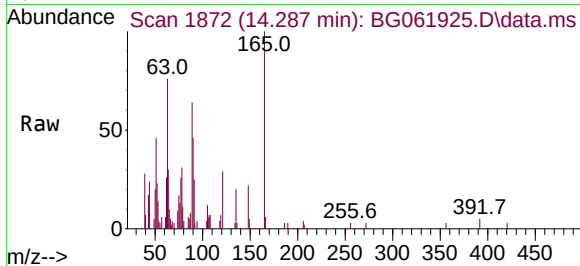




#48
2,6-Dinitrotoluene
Concen: 4.106 ng/ul
RT: 14.287 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

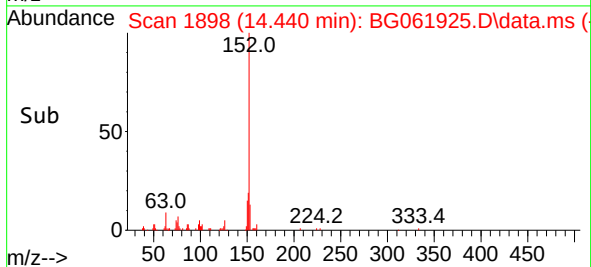
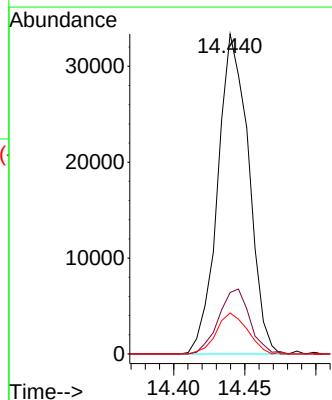
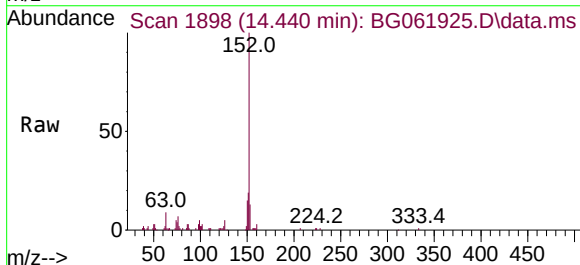
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

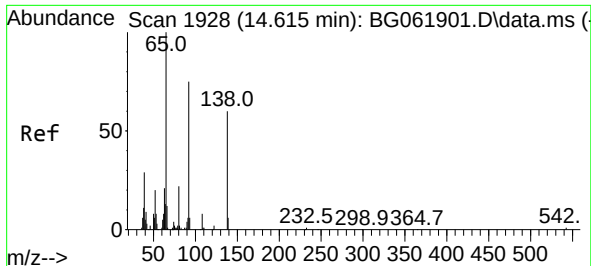
Tgt Ion:165 Resp: 8214
Ion Ratio Lower Upper
165 100
89 64.0 62.6 93.8
121 29.0 18.4 27.6#



#50
Acenaphthylene
Concen: 4.008 ng/ul
RT: 14.440 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:152 Resp: 50432
Ion Ratio Lower Upper
152 100
151 19.2 16.5 24.7
153 12.8 11.4 17.0

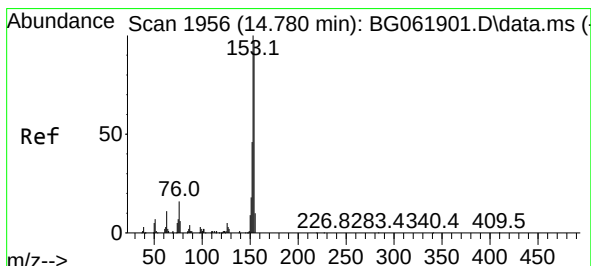
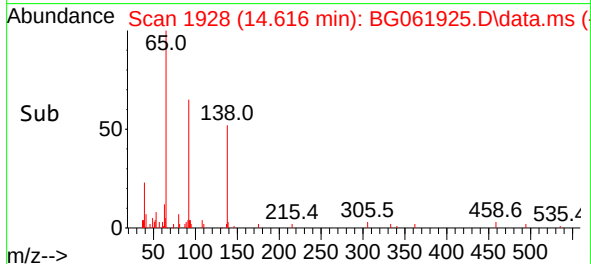
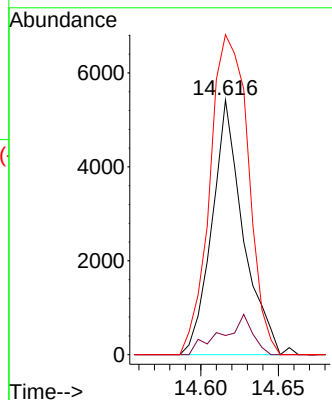
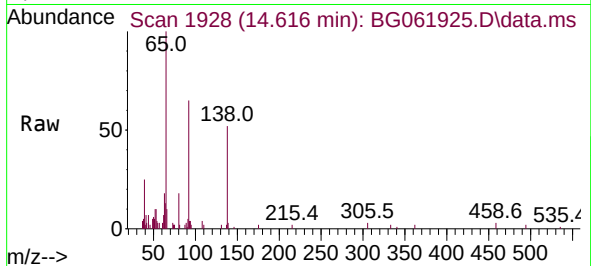




#51
3-Nitroaniline
Concen: 3.894 ng/ul
RT: 14.616 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

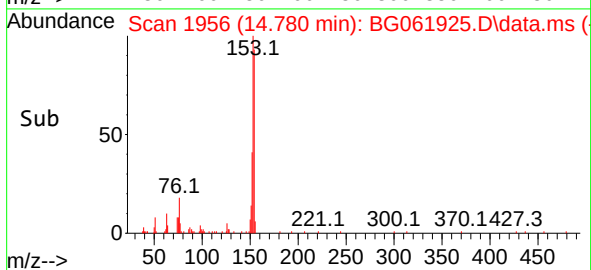
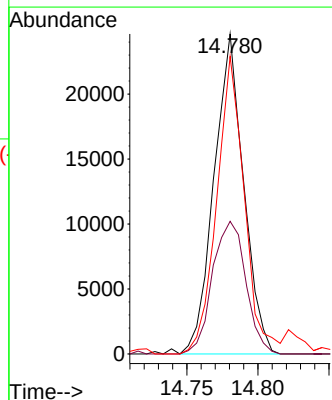
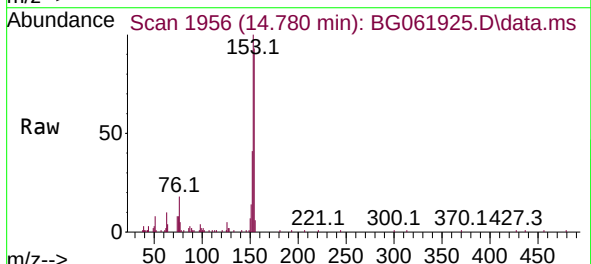
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

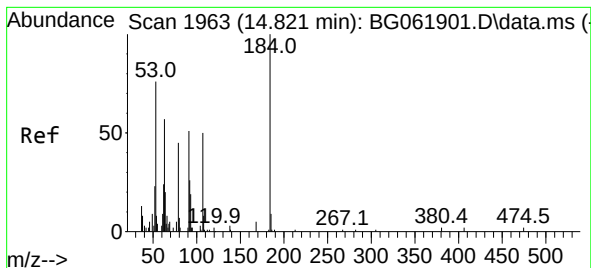
Tgt Ion:138 Resp: 7582
Ion Ratio Lower Upper
138 100
108 7.5 12.3 18.5#
92 125.6 116.3 174.5



#52
Acenaphthene
Concen: 4.094 ng/ul
RT: 14.780 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:153 Resp: 35571
Ion Ratio Lower Upper
153 100
152 41.5 37.2 55.8
154 93.0 75.0 112.6





#53

2,4-Dinitrophenol

Concen: 1.408 ng/ul

RT: 14.827 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

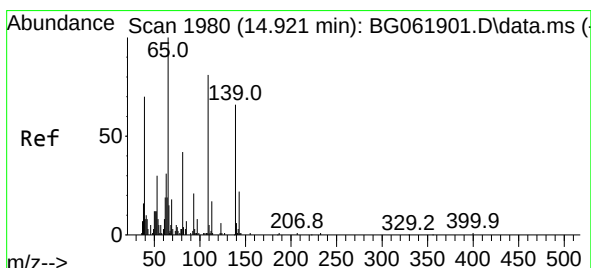
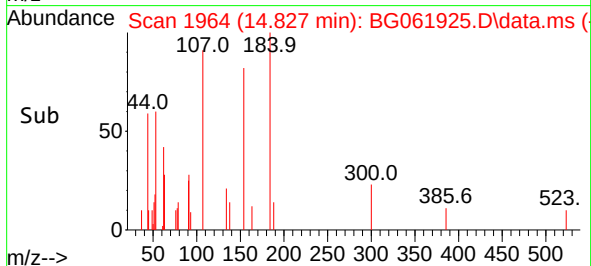
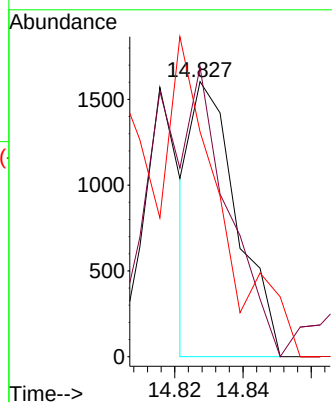
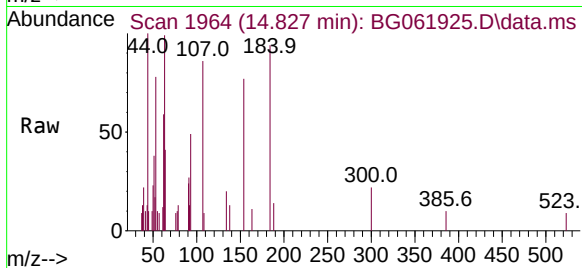
Tgt Ion:184 Resp: 1471

Ion Ratio Lower Upper

184 100

63 105.3 83.6 125.4

154 81.8 66.8 100.2



#55

4-Nitrophenol

Concen: 4.452 ng/ul

RT: 14.927 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

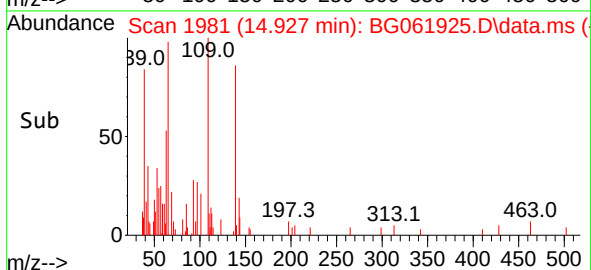
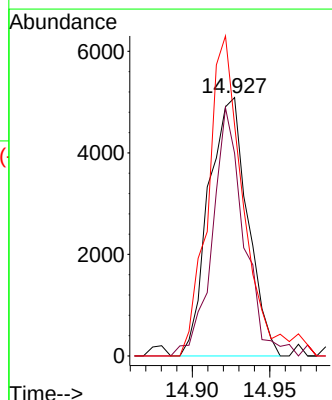
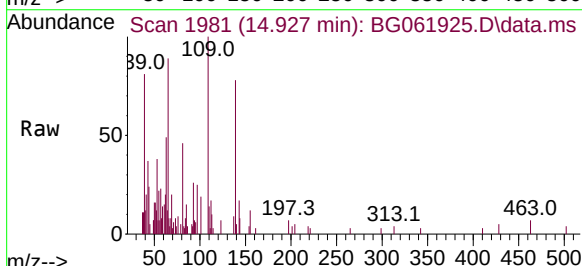
Tgt Ion:109 Resp: 8895

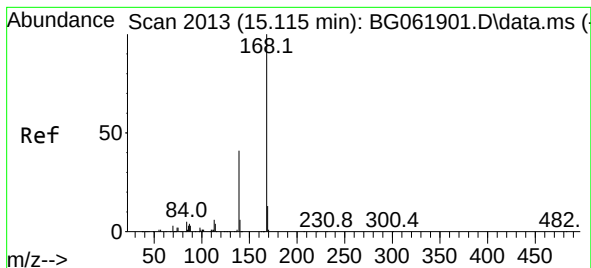
Ion Ratio Lower Upper

109 100

139 78.4 67.4 101.2

65 89.4 102.1 153.1#





#56

Dibenzofuran

Concen: 4.106 ng/ul

RT: 15.109 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

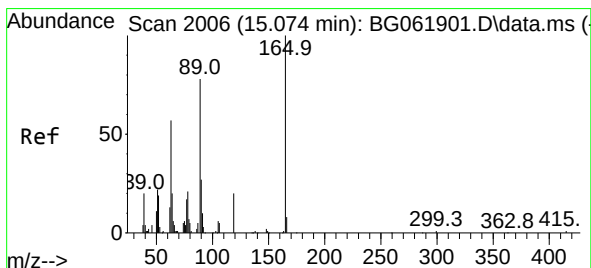
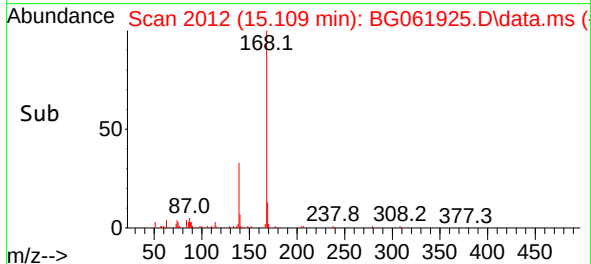
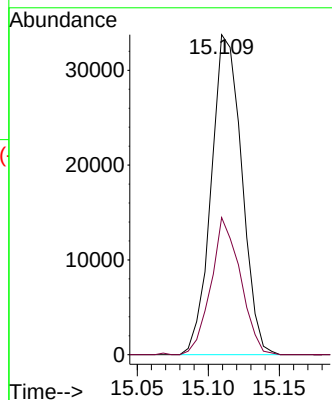
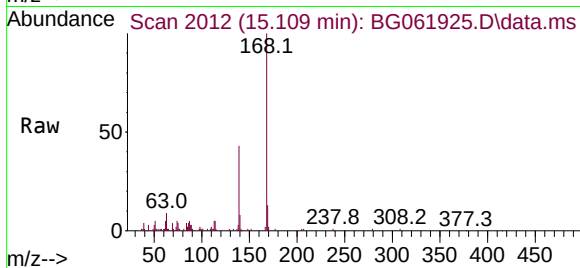
A4CT2MS

Tgt Ion:168 Resp: 50410

Ion Ratio Lower Upper

168 100

139 42.9 31.0 46.4



#57

2,4-Dinitrotoluene

Concen: 4.310 ng/ul

RT: 15.074 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

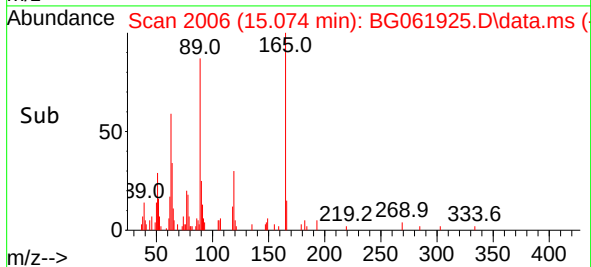
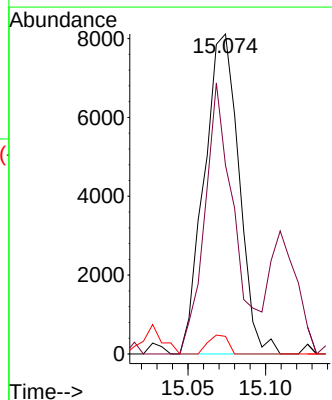
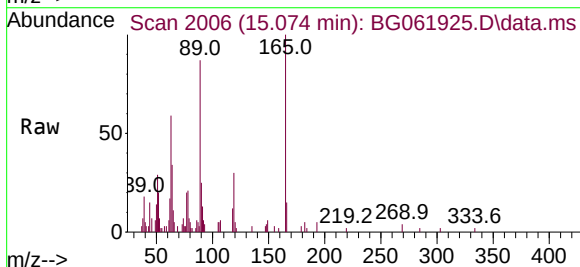
Tgt Ion:165 Resp: 12644

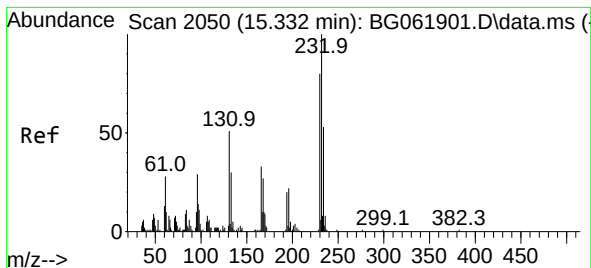
Ion Ratio Lower Upper

165 100

63 59.0 44.9 67.3

182 5.5 2.6 3.8#

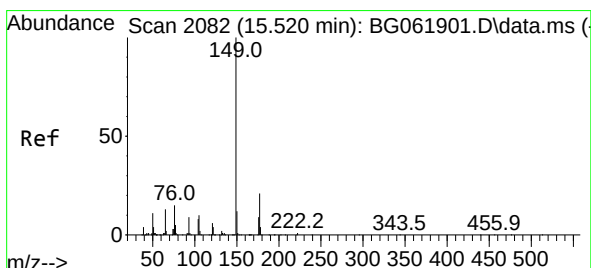
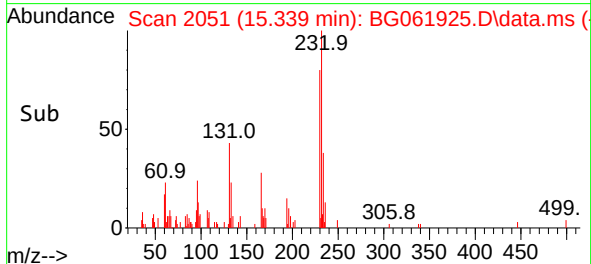
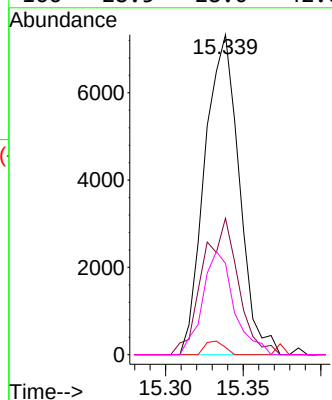
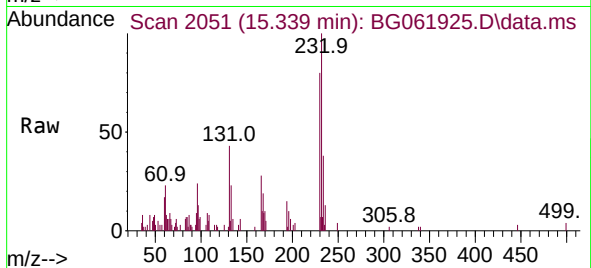




#58
2,3,4,6-Tetrachlorophenol
Concen: 4.296 ng/ul
RT: 15.339 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

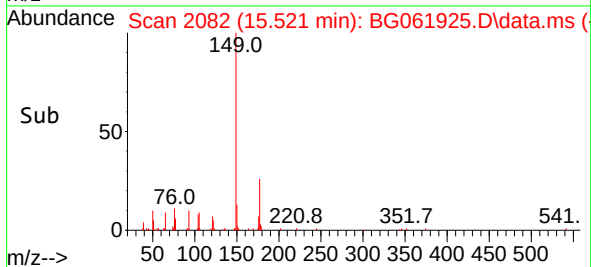
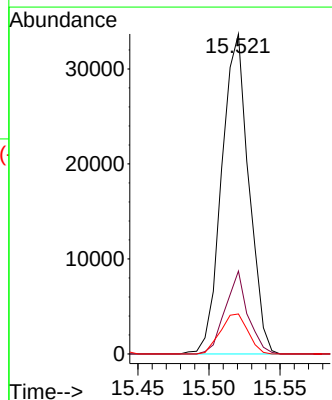
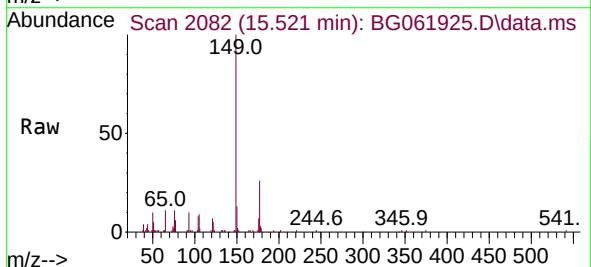
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

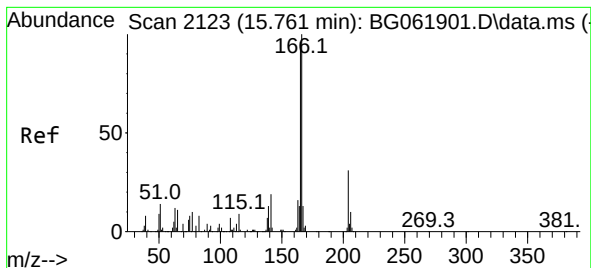
Tgt Ion:232	Resp:	11334
Ion Ratio	Lower	Upper
232	100	
131	42.6	35.8 53.8
130	2.3	2.0 3.0
166	28.5	28.0 42.0



#59
Diethylphthalate
Concen: 3.932 ng/ul
RT: 15.521 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:149	Resp:	44684
Ion Ratio	Lower	Upper
149	100	
177	25.9	16.3 24.5#
150	12.5	9.6 14.4





#61

Fluorene

Concen: 4.341 ng/ul

RT: 15.762 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

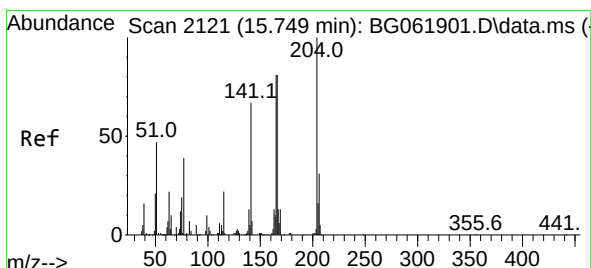
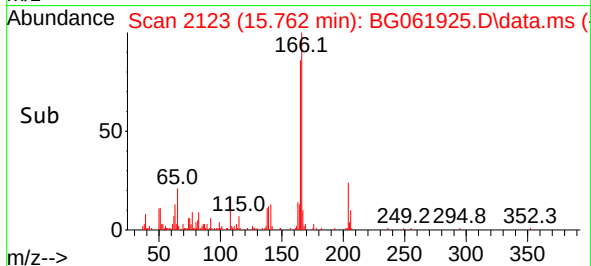
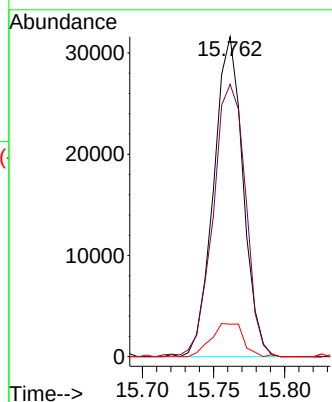
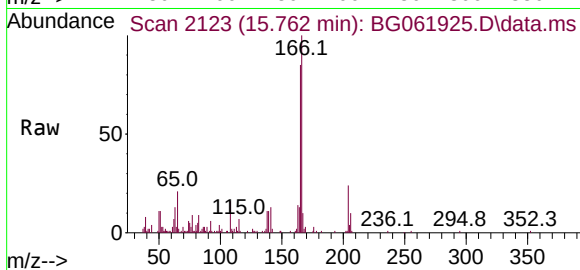
Tgt Ion:166 Resp: 45328

Ion Ratio Lower Upper

166 100

165 85.1 78.4 117.6

167 10.2 10.4 15.6#



#62

4-Chlorophenyl-phenylether

Concen: 4.021 ng/ul

RT: 15.750 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

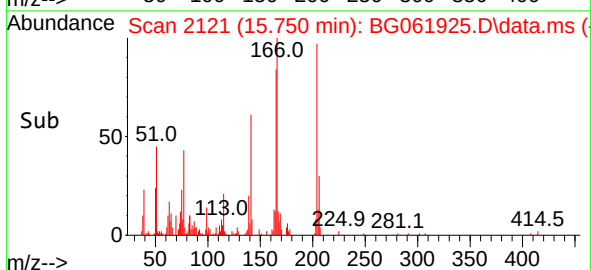
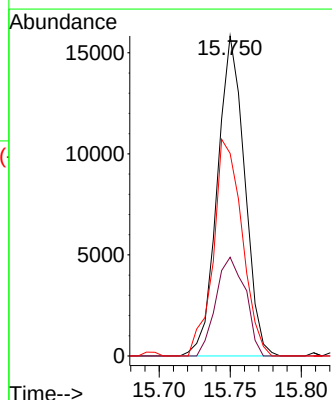
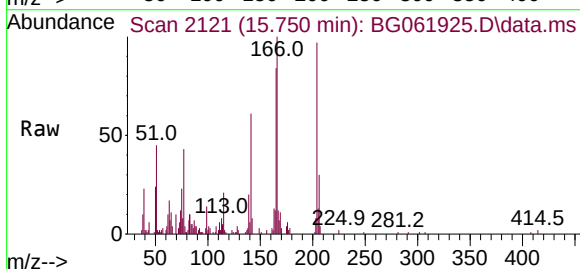
Tgt Ion:204 Resp: 21089

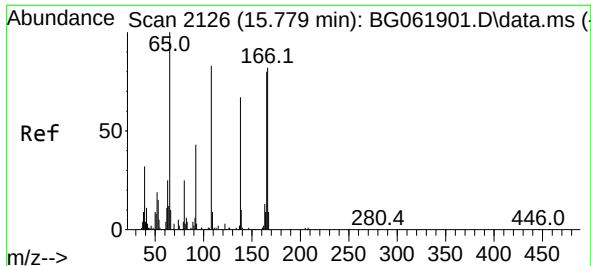
Ion Ratio Lower Upper

204 100

206 30.8 24.5 36.7

141 63.3 46.6 69.8

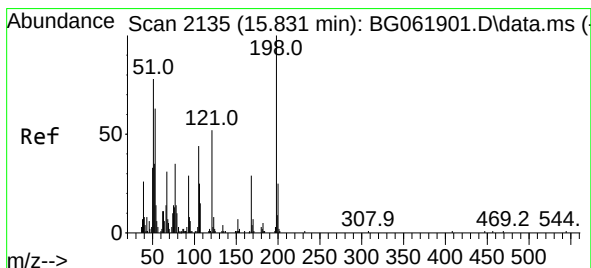
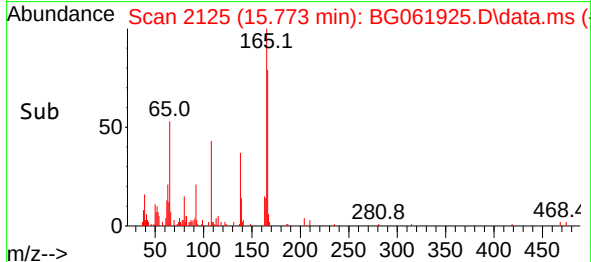
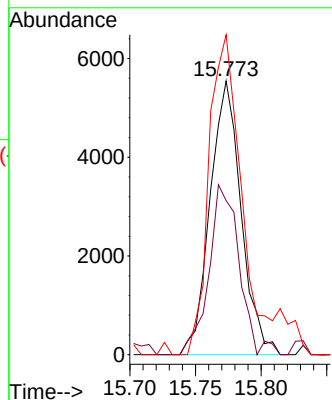
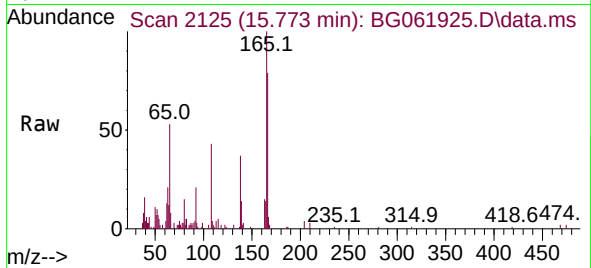




#63
4-Nitroaniline
Concen: 4.620 ng/ul
RT: 15.773 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

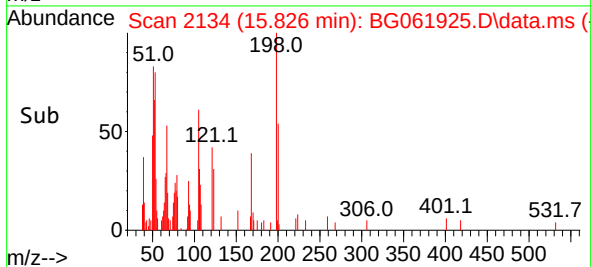
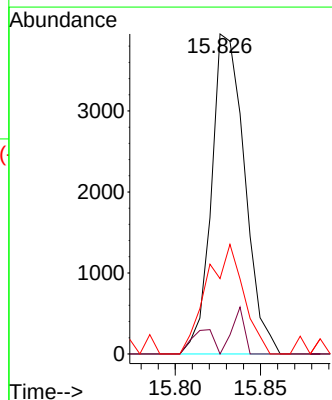
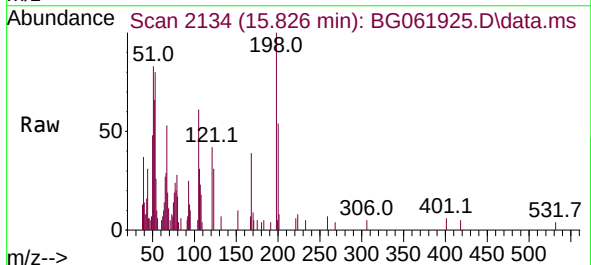
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

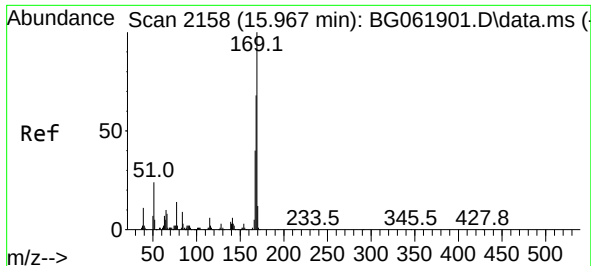
Tgt Ion:138 Resp: 9128
Ion Ratio Lower Upper
138 100
92 56.3 52.3 78.5
108 116.9 94.1 141.1



#66
4,6-Dinitro-2-methylphenol
Concen: 3.107 ng/ul
RT: 15.826 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:198 Resp: 5356
Ion Ratio Lower Upper
198 100
182 0.0 3.6 5.4#
77 23.6 21.8 32.8

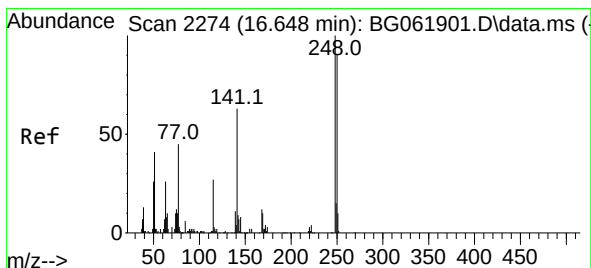
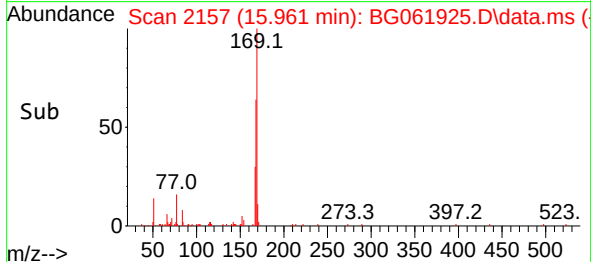
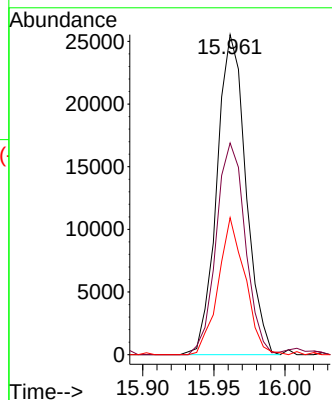
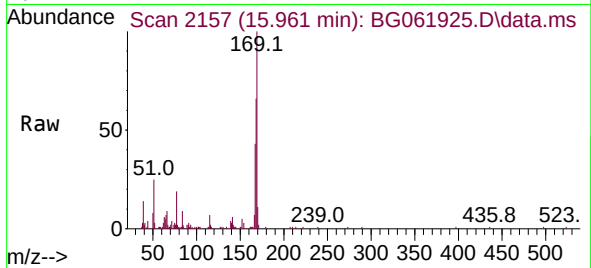




#67
N-Nitrosodiphenylamine
Concen: 4.354 ng/ul
RT: 15.961 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

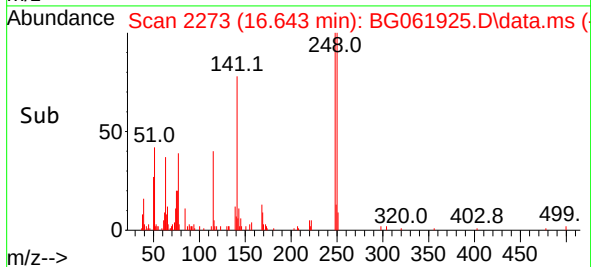
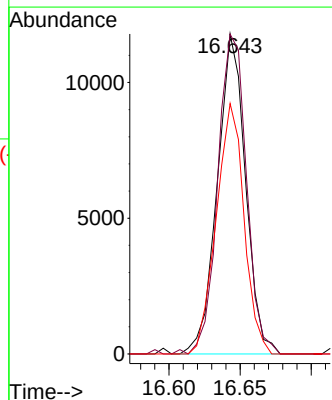
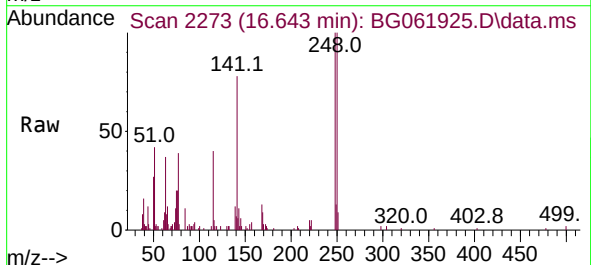
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

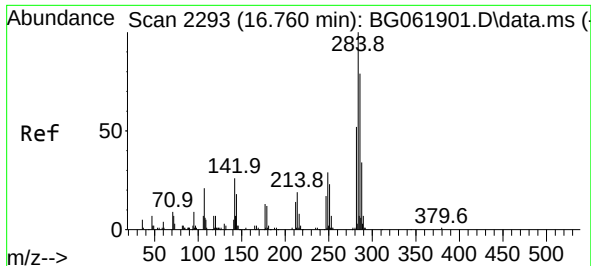
Tgt Ion:169 Resp: 36262
Ion Ratio Lower Upper
169 100
168 66.2 55.6 83.4
167 42.8 29.8 44.8



#68
4-Bromophenyl-phenylether
Concen: 4.694 ng/ul
RT: 16.643 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:248 Resp: 16242
Ion Ratio Lower Upper
248 100
250 100.0 77.2 115.8
141 78.2 57.8 86.8

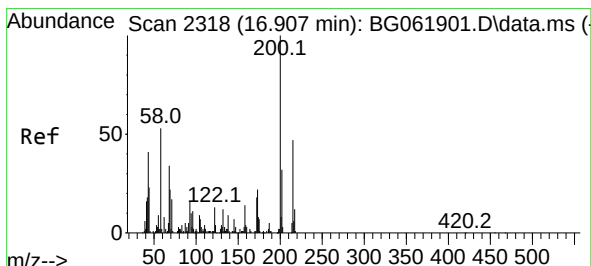
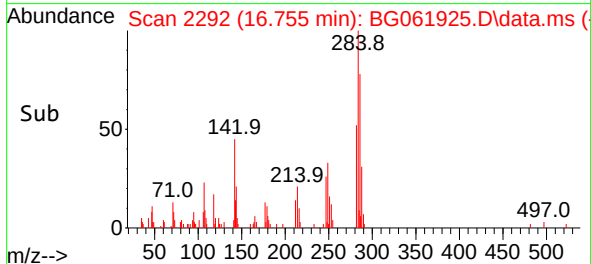
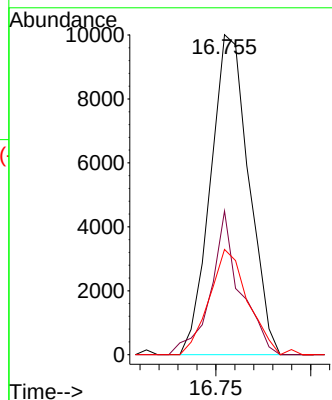
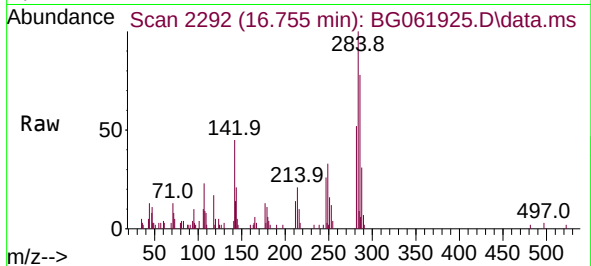




#69
Hexachlorobenzene
Concen: 3.533 ng/ul
RT: 16.755 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

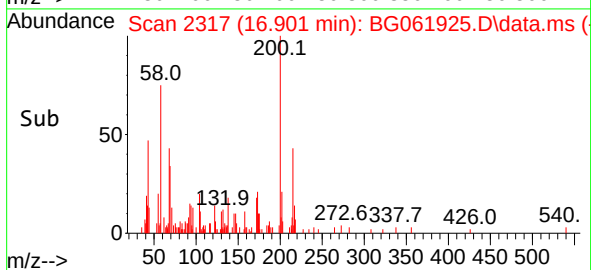
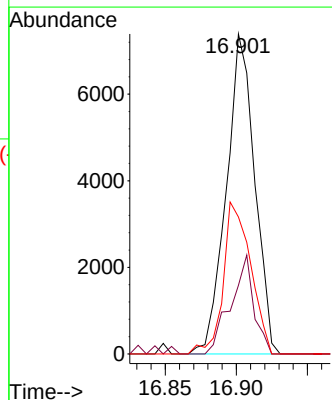
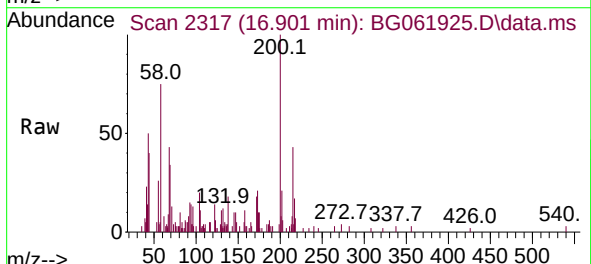
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

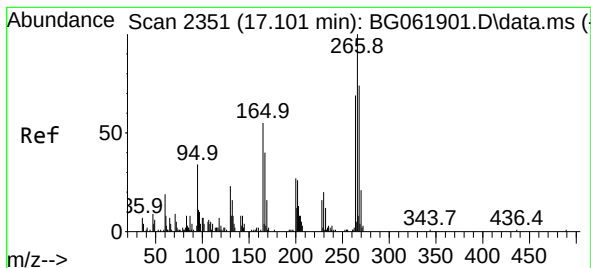
Tgt Ion:284 Resp: 14058
Ion Ratio Lower Upper
284 100
142 44.9 26.4 39.6#
249 34.7 27.2 40.8



#70
Atrazine
Concen: 3.125 ng/ul
RT: 16.901 min Scan# 2317
Delta R.T. -0.012 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:200 Resp: 10276
Ion Ratio Lower Upper
200 100
173 21.5 18.7 28.1
215 42.8 37.8 56.6





#71

Pentachlorophenol

Concen: 2.731 ng/ul

RT: 17.101 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

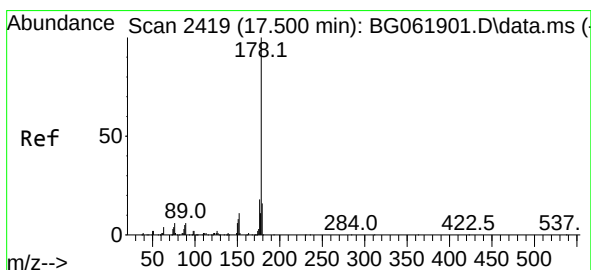
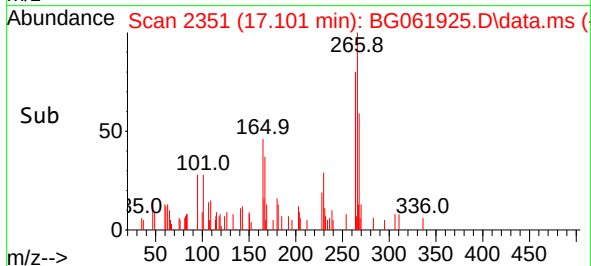
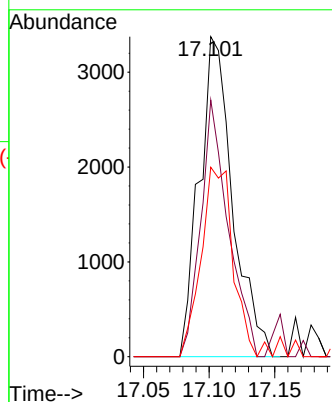
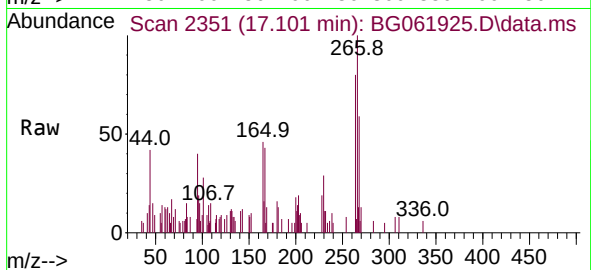
Tgt Ion:266 Resp: 5972

Ion Ratio Lower Upper

266 100

264 80.2 45.0 67.6#

268 59.2 50.5 75.7



#72

Phenanthrene

Concen: 5.715 ng/ul

RT: 17.501 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

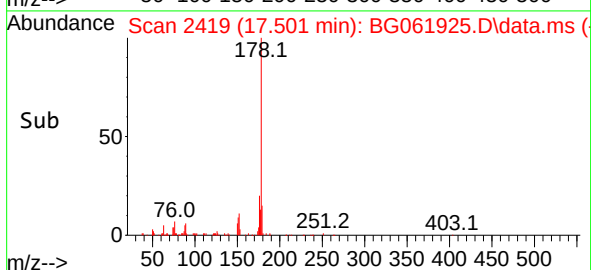
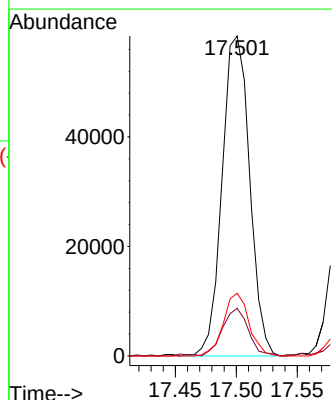
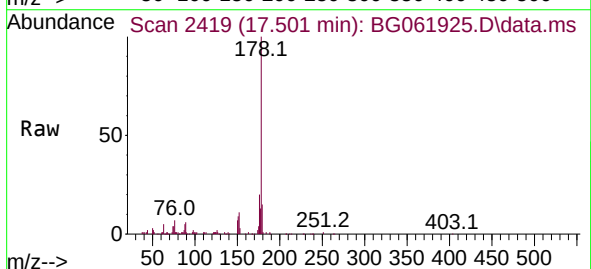
Tgt Ion:178 Resp: 91905

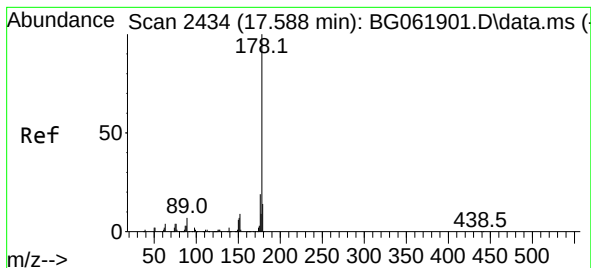
Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 19.6 15.5 23.3





#74

Anthracene

Concen: 4.046 ng/ul

RT: 17.589 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

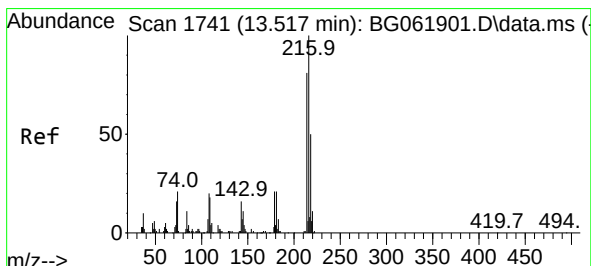
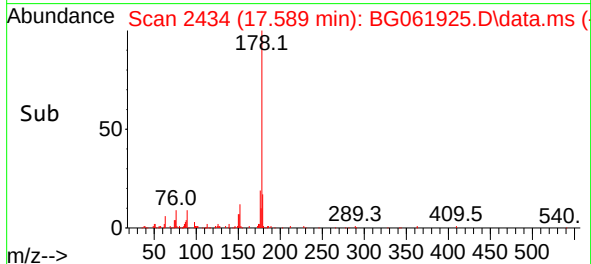
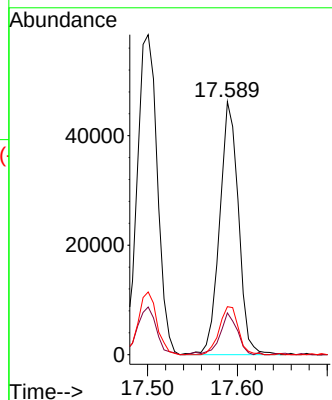
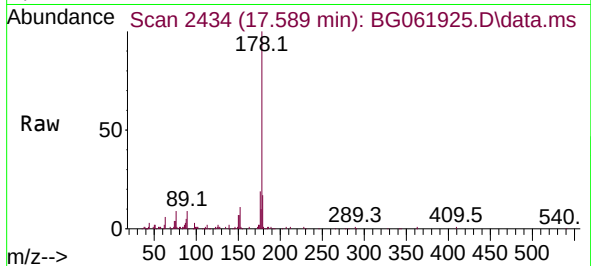
Tgt Ion:178 Resp: 67242

Ion Ratio Lower Upper

178 100

179 16.5 11.9 17.9

176 19.0 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.891 ng/ul

RT: 13.517 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

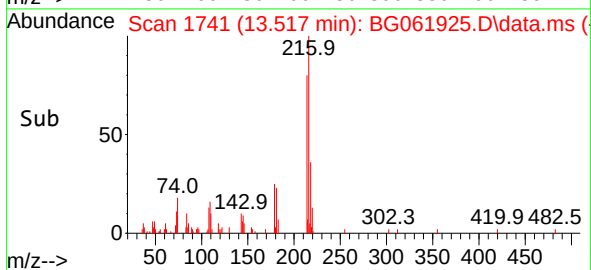
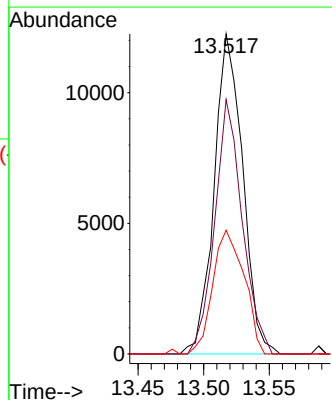
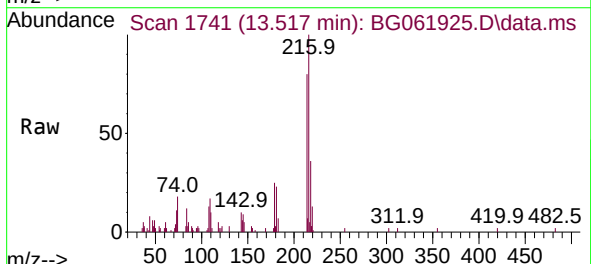
Tgt Ion:216 Resp: 18527

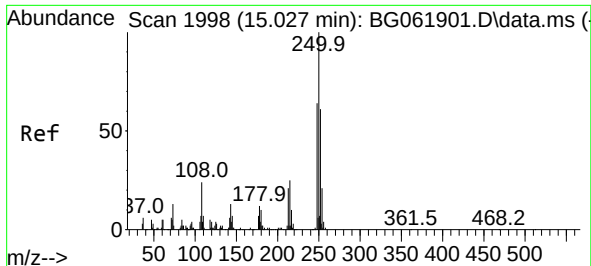
Ion Ratio Lower Upper

216 100

214 86.9 61.7 92.5

218 38.7 35.7 53.5

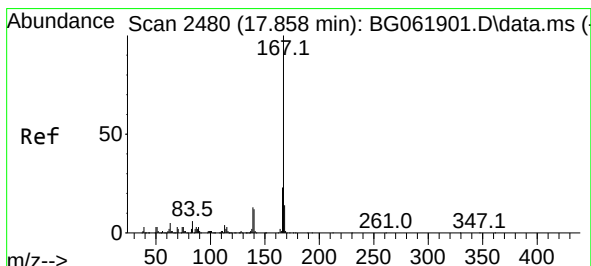
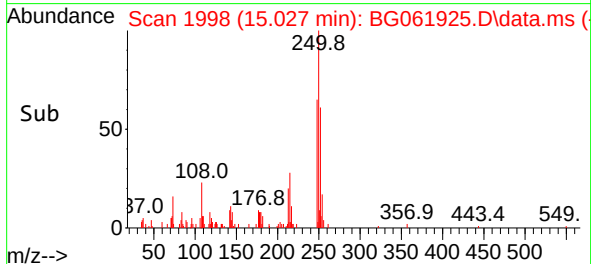
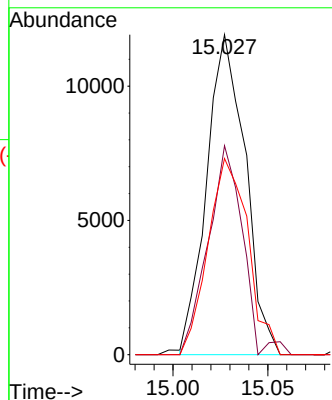
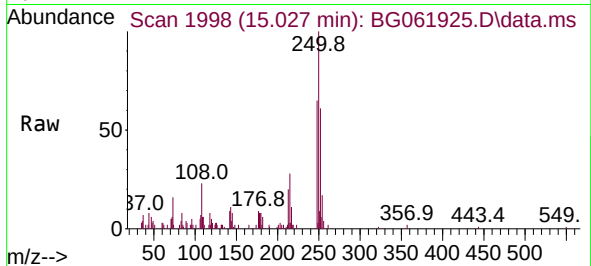




#76
Pentachlorobenzene
Concen: 3.903 ng/ul
RT: 15.027 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

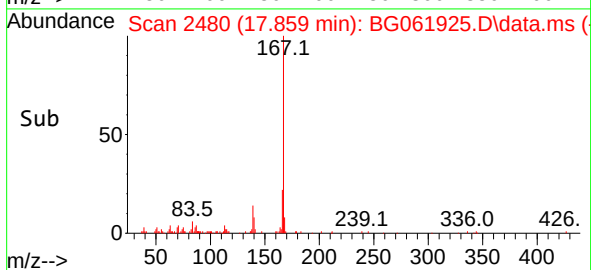
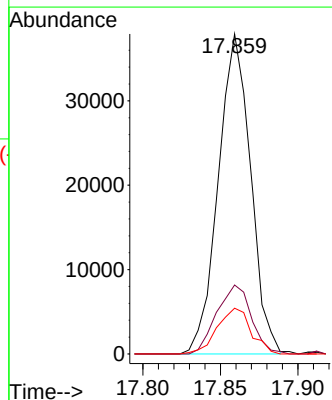
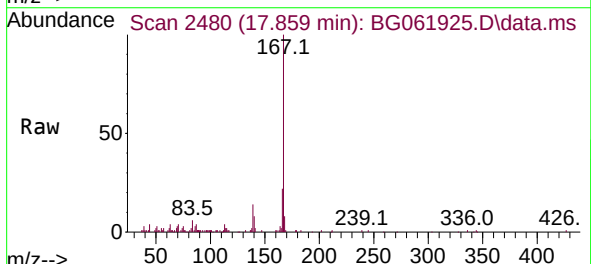
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

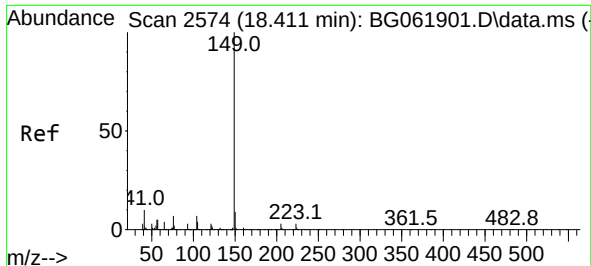
Tgt Ion:250 Resp: 16865
Ion Ratio Lower Upper
250 100
248 65.3 47.5 71.3
252 67.6 50.0 75.0



#77
Carbazole
Concen: 3.927 ng/ul
RT: 17.859 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:167 Resp: 54932
Ion Ratio Lower Upper
167 100
166 21.6 18.2 27.2
139 14.3 9.6 14.4

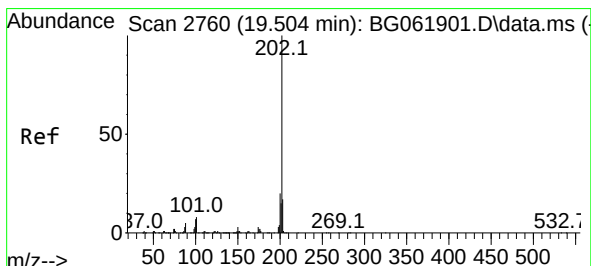
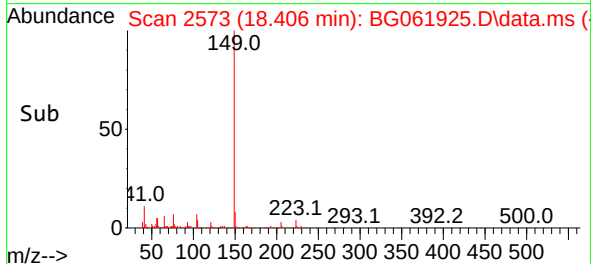
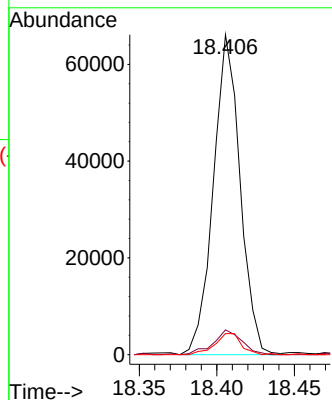
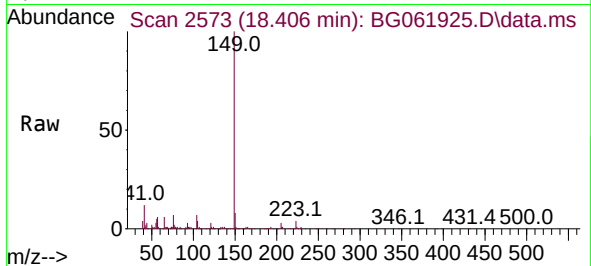




#78
Di-n-butylphthalate
Concen: 4.418 ng/ul
RT: 18.406 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

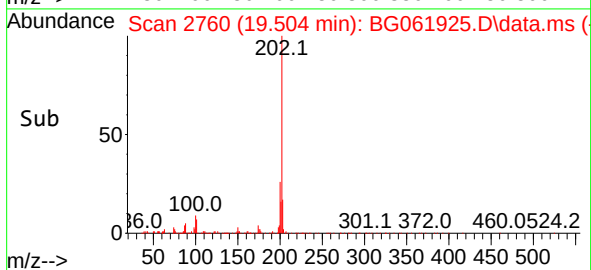
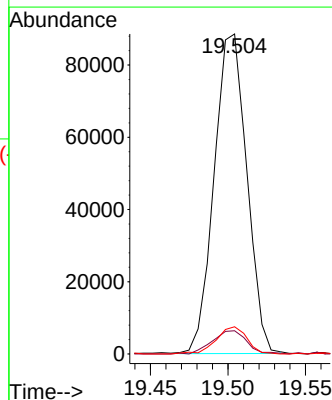
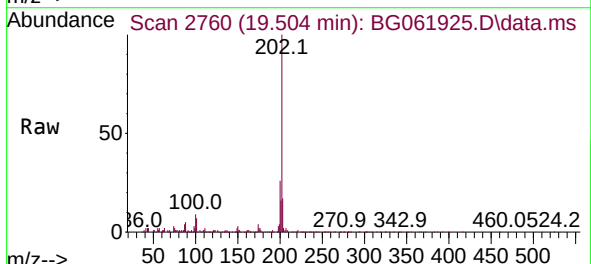
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

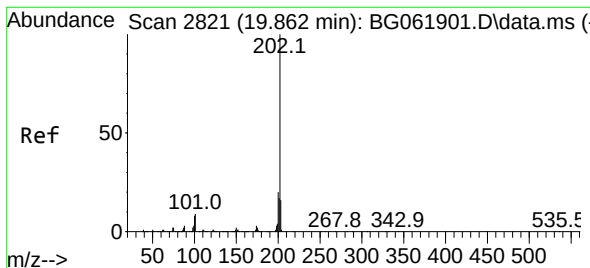
Tgt Ion:149 Resp: 79342
Ion Ratio Lower Upper
149 100
150 7.7 7.5 11.3
104 6.6 5.0 7.4



#80
Fluoranthene
Concen: 6.984 ng/ul
RT: 19.504 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:202 Resp: 129558
Ion Ratio Lower Upper
202 100
101 7.2 7.4 11.2#
100 8.5 6.6 10.0





#82

Pyrene

Concen: 5.149 ng/ul

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

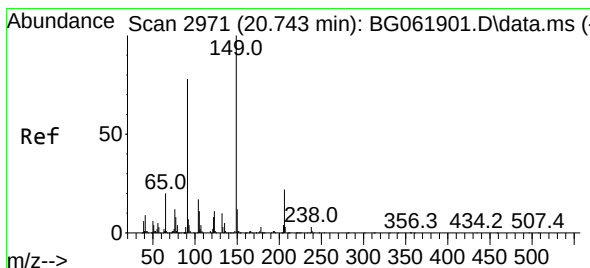
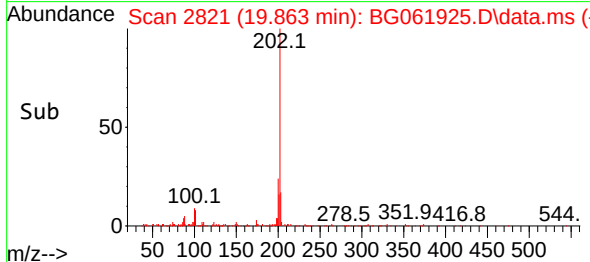
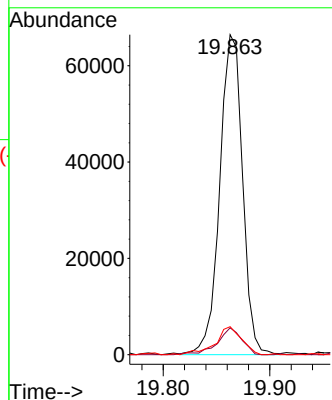
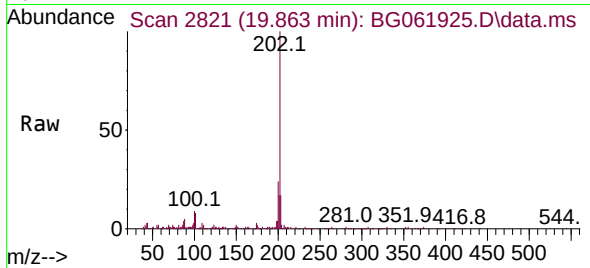
Tgt Ion:202 Resp: 98677

Ion Ratio Lower Upper

202 100

101 8.4 8.8 13.2#

100 8.8 7.6 11.4



#83

Butylbenzylphthalate

Concen: 4.169 ng/ul

RT: 20.738 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

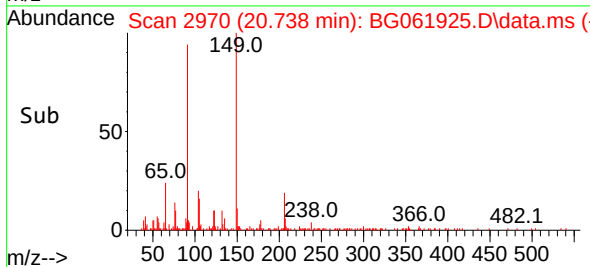
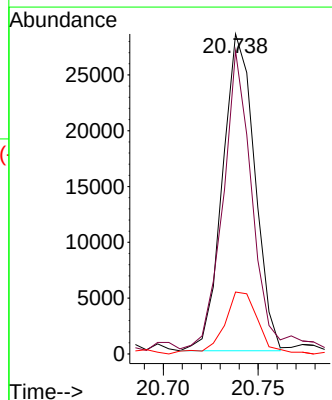
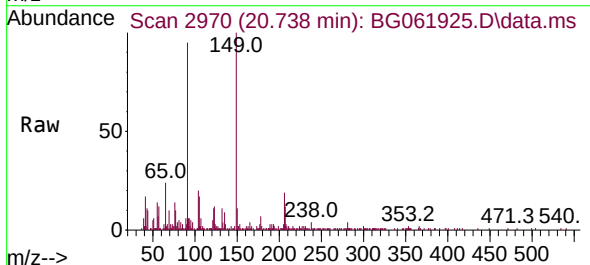
Tgt Ion:149 Resp: 33525

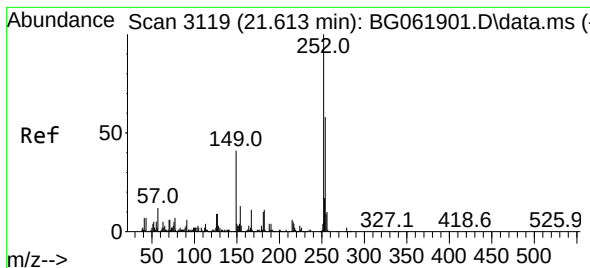
Ion Ratio Lower Upper

149 100

91 94.7 60.6 91.0#

206 19.4 14.6 21.8





#84

3,3'-Dichlorobenzidine

Concen: 2.864 ng/ul

RT: 21.614 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

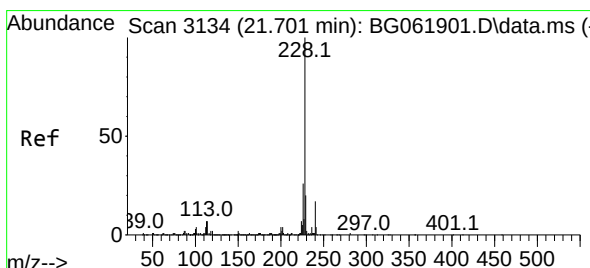
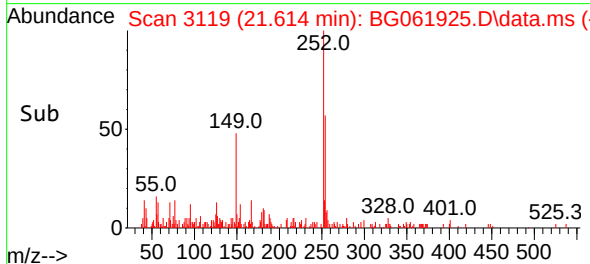
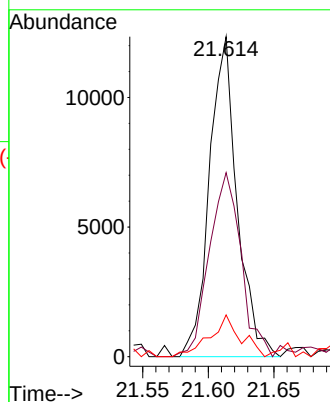
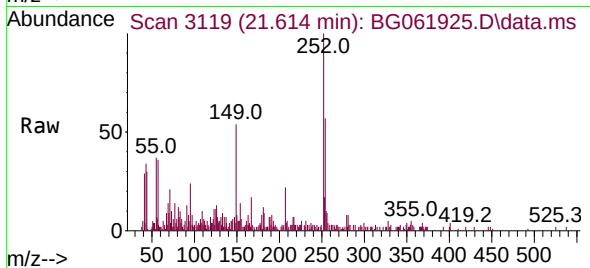
Tgt Ion:252 Resp: 18159

Ion Ratio Lower Upper

252 100

254 57.5 52.8 79.2

126 13.1 6.6 10.0#



#85

Benzo(a)anthracene

Concen: 5.587 ng/ul

RT: 21.696 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

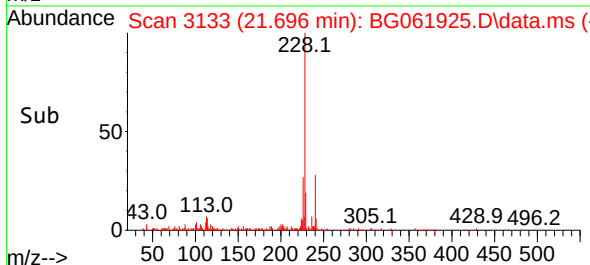
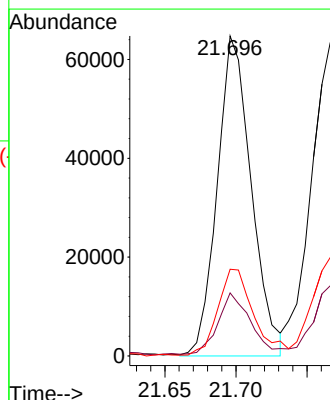
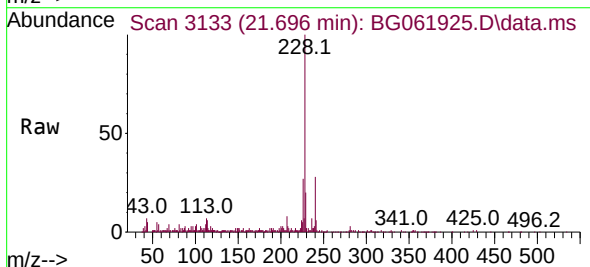
Tgt Ion:228 Resp: 107809

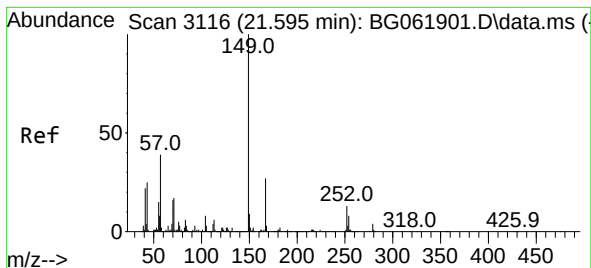
Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.1 21.7 32.5

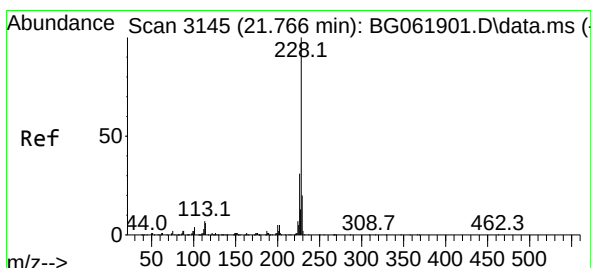
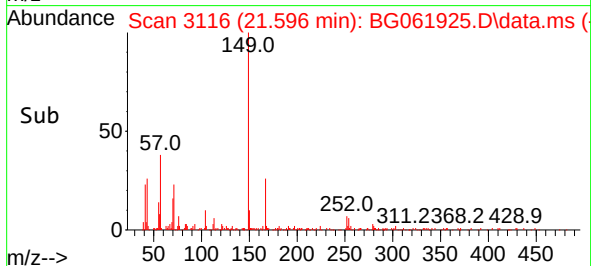
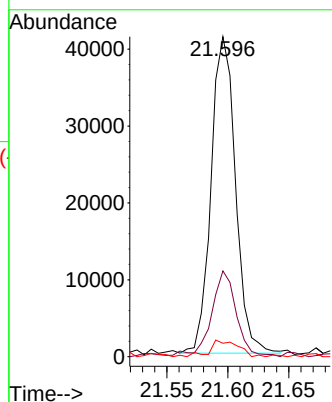
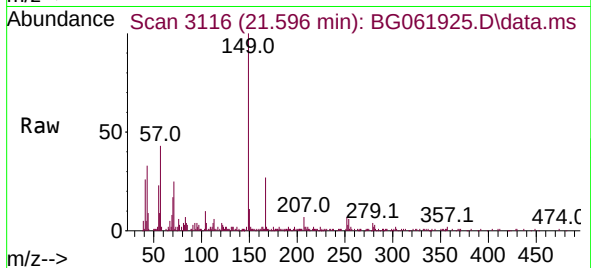




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.979 ng/ul
 RT: 21.596 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BG061925.D
 Acq: 6 Jul 2024 11:22

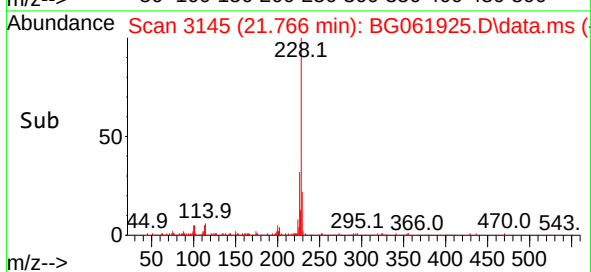
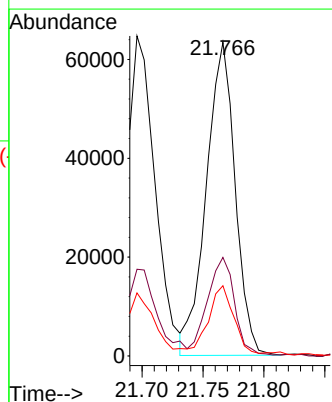
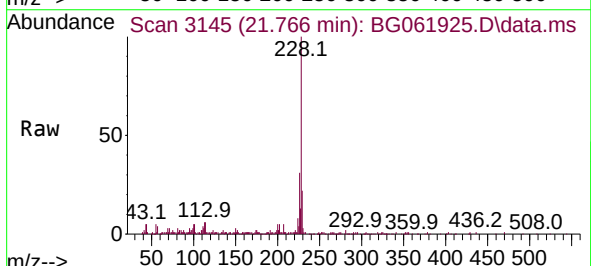
Instrument :
 BNA_G
 ClientSampleId :
 A4CT2MS

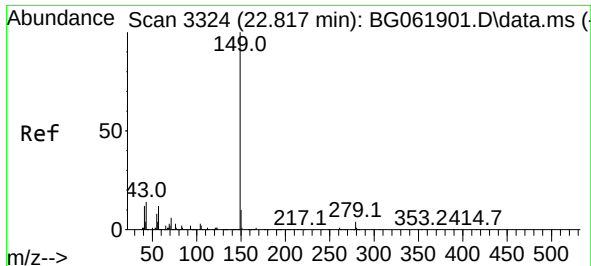
Tgt Ion:149 Resp: 57461
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 4.2 2.8 4.2#



#87
 Chrysene
 Concen: 5.781 ng/ul
 RT: 21.766 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BG061925.D
 Acq: 6 Jul 2024 11:22

Tgt Ion:228 Resp: 104429
 Ion Ratio Lower Upper
 228 100
 226 31.4 23.3 34.9
 229 22.4 15.5 23.3

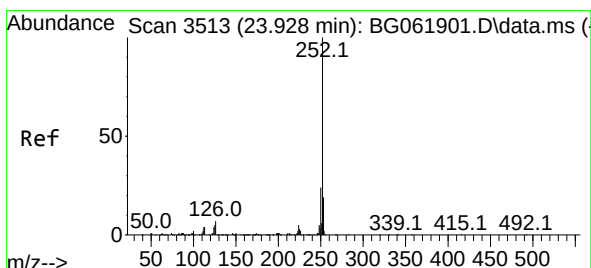
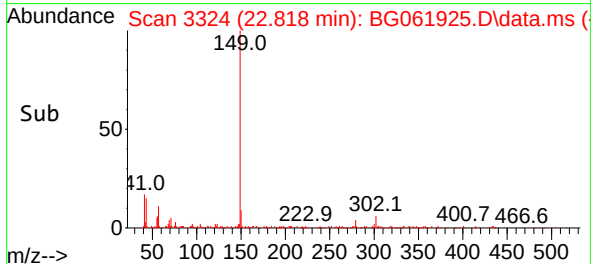
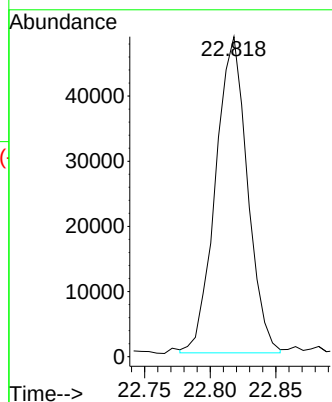
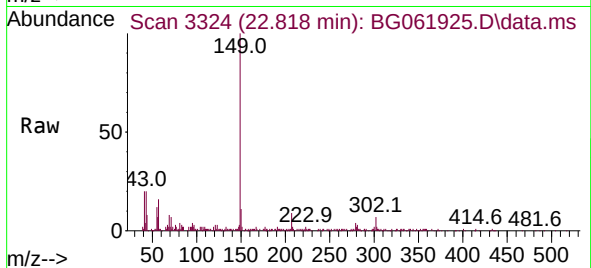




#89
Di-n-octyl phthalate
Concen: 4.212 ng/ul
RT: 22.818 min Scan# 311
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

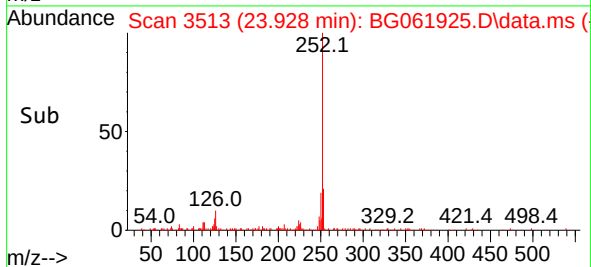
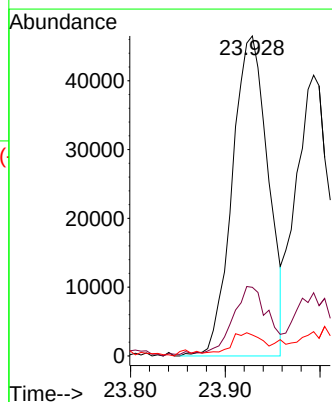
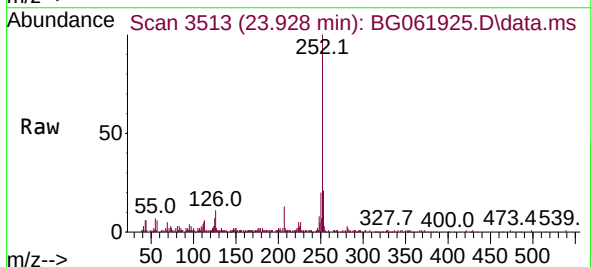
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

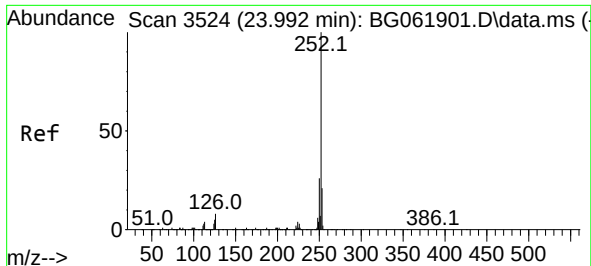
Tgt Ion:149 Resp: 82068



#90
Benzo(b)fluoranthene
Concen: 6.072 ng/ul
RT: 23.928 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:252 Resp: 121998
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 6.6 6.1 9.1

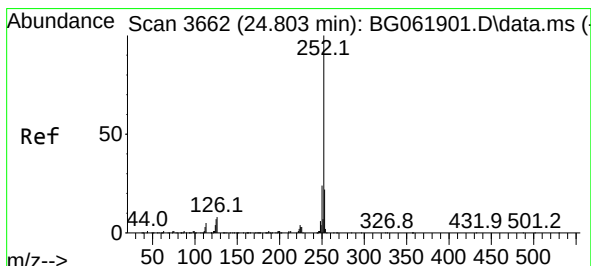
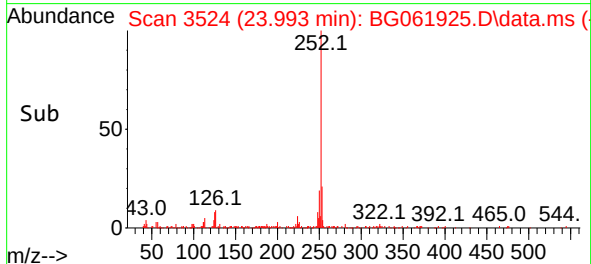
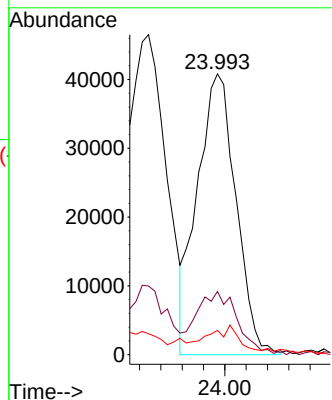
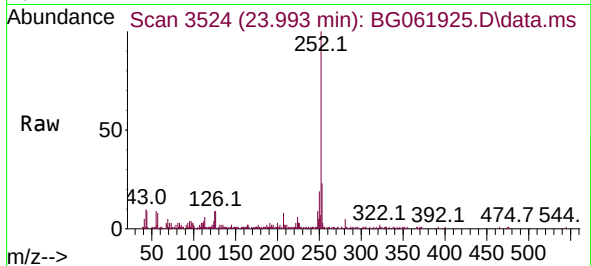




#91
Benzo(k)fluoranthene
Concen: 5.125 ng/ul
RT: 23.993 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

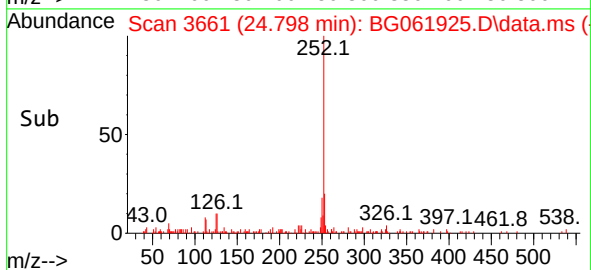
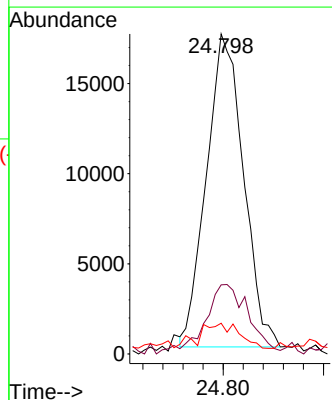
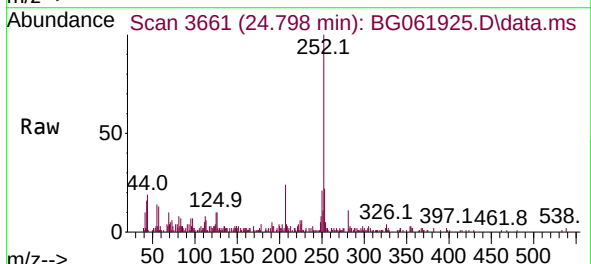
Instrument :
BNA_G
ClientSampleId :
A4CT2MS

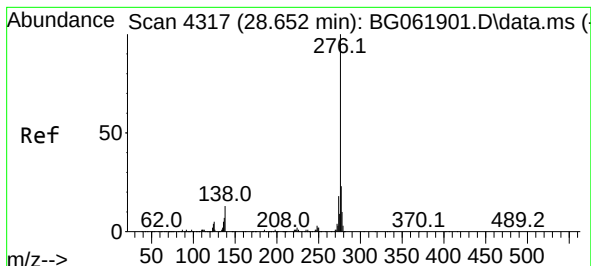
Tgt Ion:252 Resp: 102676
Ion Ratio Lower Upper
252 100
253 22.5 19.3 28.9
125 8.7 6.3 9.5



#93
Benzo(a)pyrene
Concen: 2.337 ng/ul
RT: 24.798 min Scan# 3661
Delta R.T. -0.018 min
Lab File: BG061925.D
Acq: 6 Jul 2024 11:22

Tgt Ion:252 Resp: 44463
Ion Ratio Lower Upper
252 100
253 21.6 16.5 24.7
125 9.6 7.4 11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.288 ng/ul

RT: 28.641 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Instrument :

BNA_G

ClientSampleId :

A4CT2MS

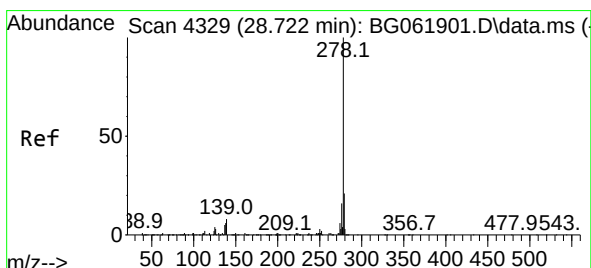
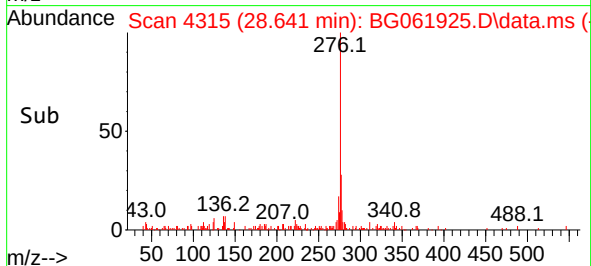
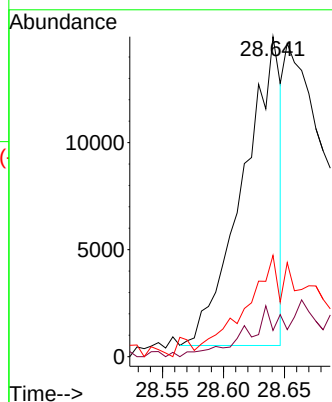
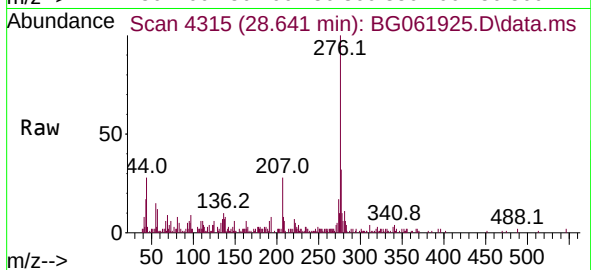
Tgt Ion:276 Resp: 31307

Ion Ratio Lower Upper

276 100

138 8.2 11.9 17.9#

277 31.6 19.3 28.9#



#95

Dibenzo(a,h)anthracene

Concen: 4.282 ng/ul

RT: 28.717 min Scan# 4328

Delta R.T. -0.018 min

Lab File: BG061925.D

Acq: 6 Jul 2024 11:22

Tgt Ion:278 Resp: 85991

Ion Ratio Lower Upper

278 100

139 12.5 7.6 11.4#

279 19.7 18.8 28.2

