

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062121.D
 Acq On : 17 Jul 2024 20:32
 Operator : MA/JU
 Sample : PB162055BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Quant Time: Jul 18 01:06:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	19824	20.000	ng/u1	0.00
20) Naphthalene-d8	10.853	136	100726	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.678	164	74900	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	183912	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.681	240	166381	20.000	ng/u1	# 0.00
88) Perylene-d12	24.901	264	193362	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2430	4.606	ng/uL	0.00
4) Pyridine-d5	3.861	84	34978	21.564	ng/u1	0.00
7) Phenol-d5	7.228	99	56336	25.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	27522	20.033	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	40532	27.237	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	43181	25.280	ng/u1	0.00
21) Nitrobenzene-d5	9.214	128	22911	29.908	ng/u1	0.00
24) 2-Nitrophenol-d4	9.930	143	27836	31.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	52272	30.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.994	131	57130	23.320	ng/u1	0.00
46) Dimethylphthalate-d6	14.079	166	173215	28.129	ng/u1	0.00
49) Acenaphthylene-d8	14.372	160	184333	28.628	ng/u1	0.00
54) 4-Nitrophenol-d4	14.913	143	25969	26.408	ng/u1	0.00
60) Fluorene-d10	15.665	176	162079	31.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	31130	32.230	ng/u1	0.00
73) Anthracene-d10	17.522	188	257372	29.974	ng/u1	0.00
81) Pyrene-d10	19.807	212	290172	29.651	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.684	264	297943	31.069	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	4902	8.419	ng/uL#	85
5) Pyridine	3.879	79	35163	21.138	ng/u1	96
6) Benzaldehyde	7.181	77	29026	25.280	ng/u1#	88
8) Phenol	7.251	94	58788	26.467	ng/u1#	76
10) Bis(2-Chloroethyl)ether	7.463	93	35572	20.847	ng/u1	88
12) 2-Chlorophenol	7.616	128	44784	29.539	ng/u1	96
13) 2-Methylphenol	8.503	108	43611	27.509	ng/u1#	77
14) 2,2'-oxybis(1-Chloropr...	8.561	45	67116	18.004	ng/u1#	98
16) Acetophenone	8.873	105	72293	25.622	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.849	70	36583	23.159	ng/u1#	85
18) 4-Methylphenol	8.832	108	45780	25.786	ng/u1	99
19) Hexachloroethane	9.120	117	18600	28.281	ng/u1	90
22) Nitrobenzene	9.255	77	59774	27.488	ng/u1#	95
23) Isophorone	9.778	82	107003	21.781	ng/u1#	94
25) 2-Nitrophenol	9.966	139	25830	28.953	ng/u1#	83
26) 2,4-Dimethylphenol	10.030	107	49972	23.404	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.254	93	54030	19.971	ng/u1	99
29) 2,4-Dichlorophenol	10.512	162	47656	30.066	ng/u1	95
30) Naphthalene	10.906	128	150024	27.115	ng/u1#	96
32) 4-Chloroaniline	11.023	127	55715	23.178	ng/u1	97
33) Hexachlorobutadiene	11.170	225	37739	31.640	ng/u1#	90
34) Caprolactam	11.799	113	13188	21.237	ng/u1#	81
35) 4-Chloro-3-methylphenol	12.157	107	62632	29.669	ng/u1	99
36) 2-Methylnaphthalene	12.510	142	110307	27.519	ng/u1	97

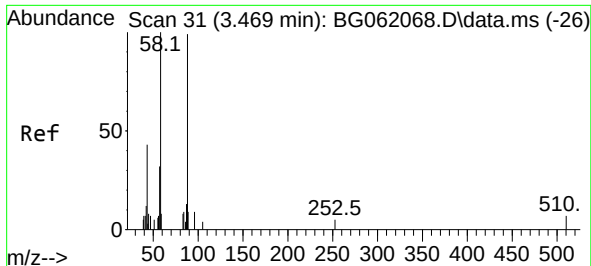
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.727	142	115944	27.834	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.874	216	68599	30.498	ng/ul	92
40) Hexachlorocyclopentadiene	12.845	237	25064	16.739	ng/ul	91
41) 2,4,6-Trichlorophenol	13.121	196	42737	28.607	ng/ul	97
42) 2,4,5-Trichlorophenol	13.121	196	35025	21.342	ng/ul	88
43) 1,1'-Biphenyl	13.515	154	159097	27.568	ng/ul#	96
44) 2-Chloronaphthalene	13.556	162	121772	28.115	ng/ul	92
45) 2-Nitroaniline	13.767	65	52062	30.016	ng/ul	95
47) Dimethylphthalate	14.126	163	163499	27.605	ng/ul#	97
48) 2,6-Dinitrotoluene	14.255	165	35416	31.520	ng/ul#	94
50) Acenaphthylene	14.402	152	196932	27.867	ng/ul	99
51) 3-Nitroaniline	14.590	138	36395	33.276	ng/ul	88
52) Acenaphthene	14.742	153	133577	27.374	ng/ul	96
55) 4-Nitrophenol	14.925	109	43489	38.748	ng/ul#	64
56) Dibenzofuran	15.077	168	199824	28.974	ng/ul	97
57) 2,4-Dinitrotoluene	15.048	165	56798	34.469	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.307	232	35221	23.767	ng/ul#	91
59) Diethylphthalate	15.483	149	175710	27.530	ng/ul	98
61) Fluorene	15.724	166	172010	29.327	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.712	204	91952	31.212	ng/ul	94
63) 4-Nitroaniline	15.759	138	39193	35.315	ng/ul#	51
66) 4,6-Dinitro-2-methylph...	15.812	198	32274	31.048	ng/ul#	88
67) N-Nitrosodiphenylamine	15.929	169	147639	29.395	ng/ul	98
68) 4-Bromophenyl-phenylether	16.605	248	65916	31.593	ng/ul	97
69) Hexachlorobenzene	16.723	284	78428	32.690	ng/ul	94
70) Atrazine	16.875	200	12922	6.517	ng/ul#	94
71) Pentachlorophenol	17.081	266	11843	8.981	ng/ul#	86
72) Phenanthrene	17.463	178	292199	30.132	ng/ul	98
74) Anthracene	17.557	178	283801	28.319	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.479	216	69054	30.231	ng/ul	95
76) Pentachlorobenzene	14.989	250	81249	31.187	ng/ul	96
77) Carbazole	17.833	167	249267	29.555	ng/ul#	95
78) Di-n-butylphthalate	18.368	149	309651	28.597	ng/ul#	97
80) Fluoranthene	19.472	202	335218	28.944	ng/ul#	87
82) Pyrene	19.837	202	347589	29.054	ng/ul#	86
83) Butylbenzylphthalate	20.706	149	133319	26.553	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.582	252	129166	32.632	ng/ul	93
85) Benzo(a)anthracene	21.664	228	349393	29.004	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.552	149	182691	25.357	ng/ul	99
87) Chrysene	21.728	228	321187	28.481	ng/ul	99
89) Di-n-octyl phthalate	22.757	149	315715	26.726	ng/ul	100
90) Benzo(b)fluoranthene	23.879	252	360757	29.613	ng/ul#	96
91) Benzo(k)fluoranthene	23.949	252	361600	29.765	ng/ul#	92
93) Benzo(a)pyrene	24.754	252	308892	26.776	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.579	276	459330	31.158	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.638	278	379861	31.199	ng/ul#	96
96) Benzo(g,h,i)perylene	29.743	276	354276	30.207	ng/ul#	91

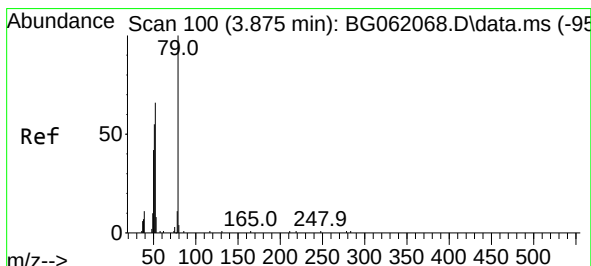
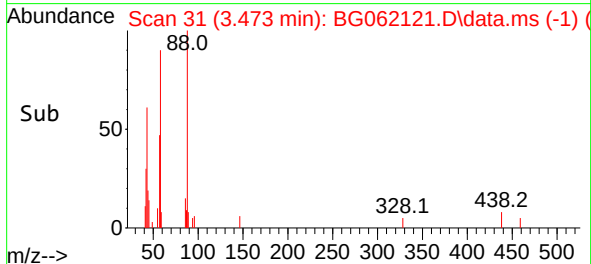
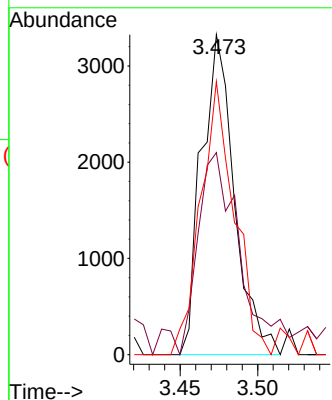
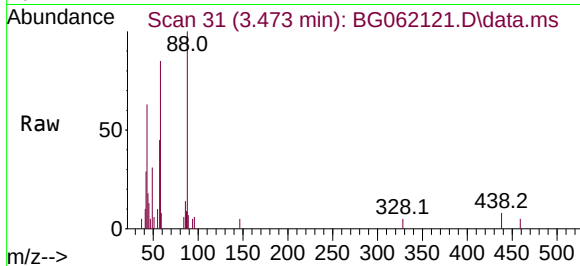
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#2
1,4-Dioxane
Concen: 8.419 ng/uL
RT: 3.473 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

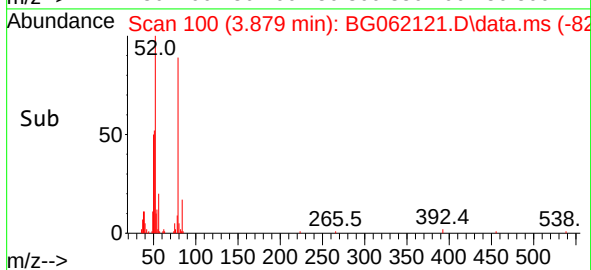
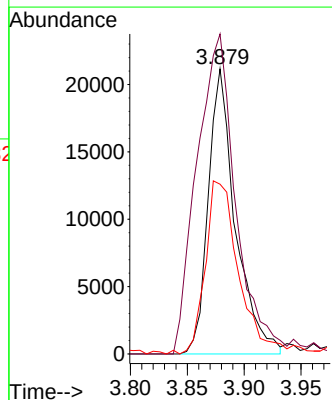
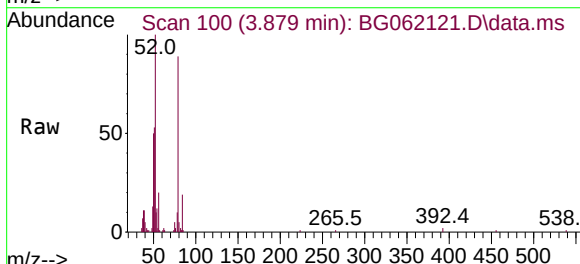
Instrument :
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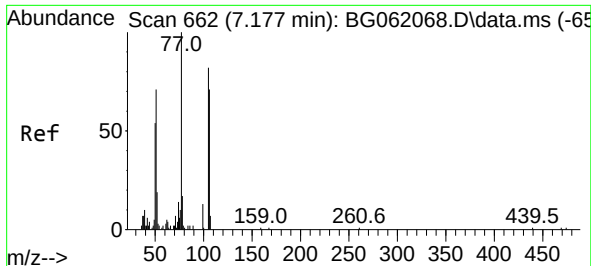
Tgt Ion: 88 Resp: 4902
Ion Ratio Lower Upper
88 100
43 63.2 39.4 59.2#
58 85.4 78.1 117.1



#5
Pyridine
Concen: 21.138 ng/uL
RT: 3.879 min Scan# 100
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion: 79 Resp: 35163
Ion Ratio Lower Upper
79 100
52 112.2 86.0 129.0
51 59.6 46.4 69.6

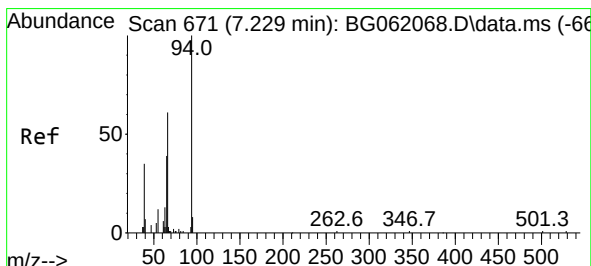
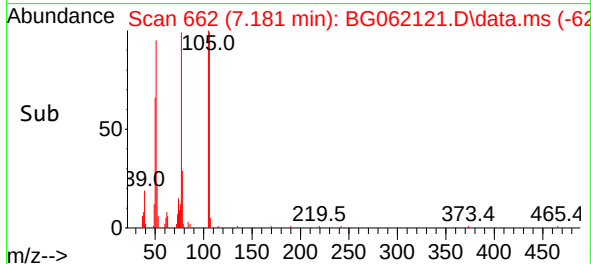
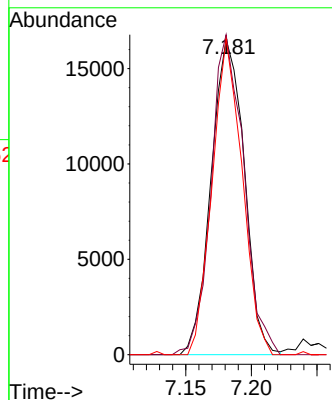
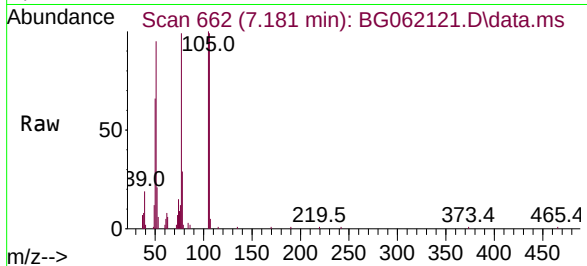




#6
Benzaldehyde
Concen: 25.280 ng/ul
RT: 7.181 min Scan# 662
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

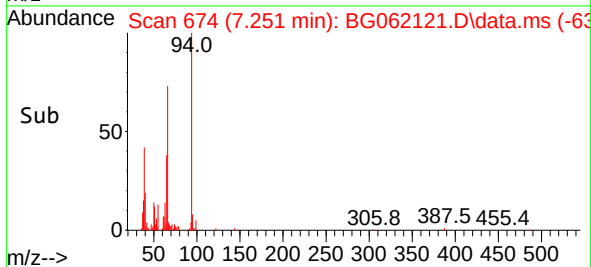
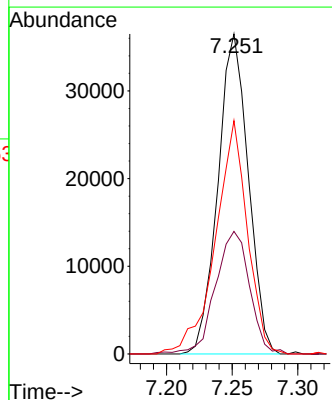
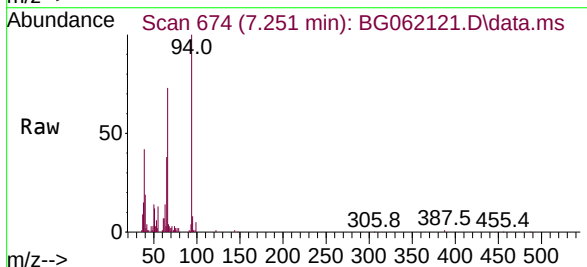
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ClientSampleId :
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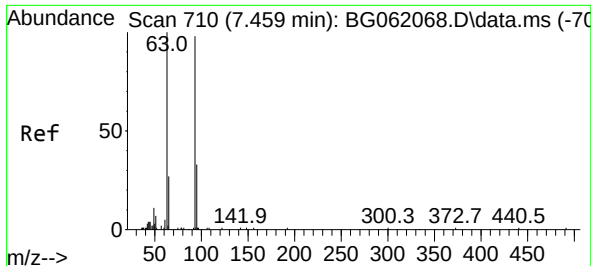
Tgt Ion: 77 Resp: 29026
Ion Ratio Lower Upper
77 100
105 101.3 79.6 119.4
106 100.0 62.6 93.8#



#8
Phenol
Concen: 26.467 ng/ul
RT: 7.251 min Scan# 674
Delta R.T. 0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion: 94 Resp: 58788
Ion Ratio Lower Upper
94 100
65 38.3 29.0 43.4
66 72.9 37.4 56.2#



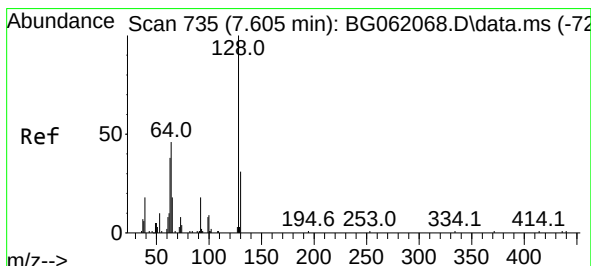
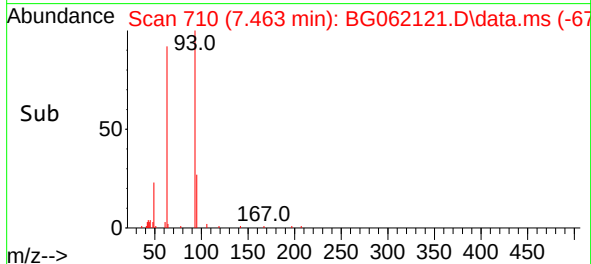
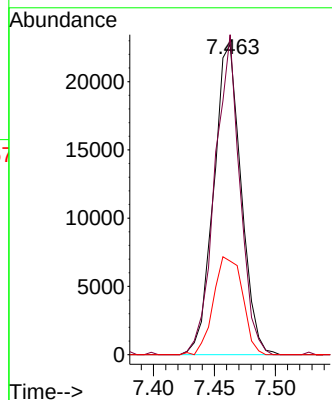
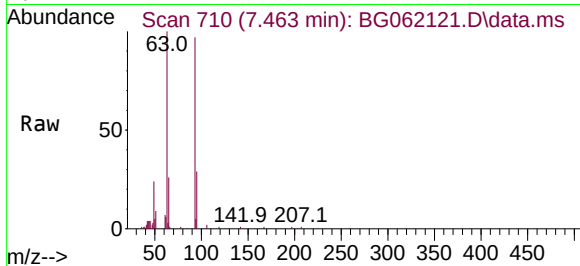


#10
 Bis(2-Chloroethyl)ether
 Concen: 20.847 ng/ul
 RT: 7.463 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Tgt Ion: 93 Resp: 35572

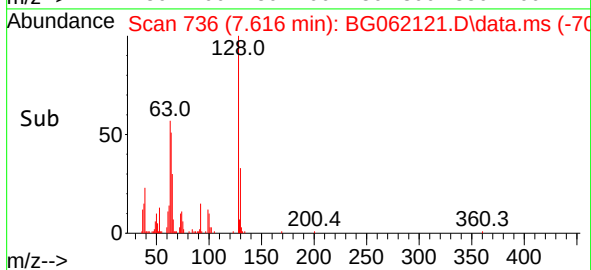
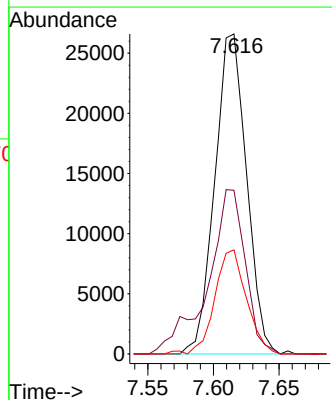
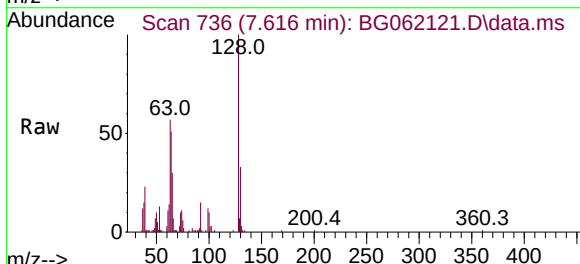
Ion	Ratio	Lower	Upper
93	100		
63	103.2	72.2	108.2
95	30.2	26.7	40.1

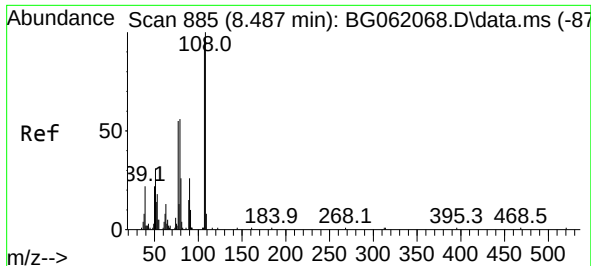


#12
 2-Chlorophenol
 Concen: 29.539 ng/ul
 RT: 7.616 min Scan# 736
 Delta R.T. 0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

Tgt Ion:128 Resp: 44784

Ion	Ratio	Lower	Upper
128	100		
64	51.1	42.6	63.8
130	32.5	23.3	34.9





#13

2-Methylphenol

Concen: 27.509 ng/ul

RT: 8.503 min Scan# 8

Delta R.T. 0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

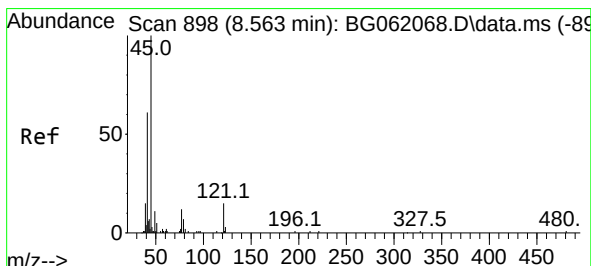
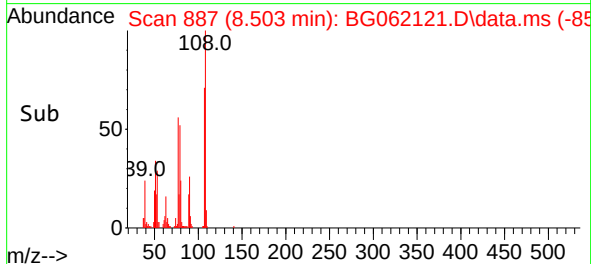
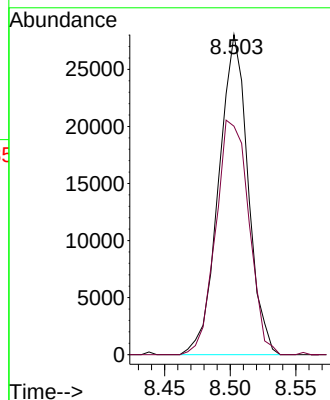
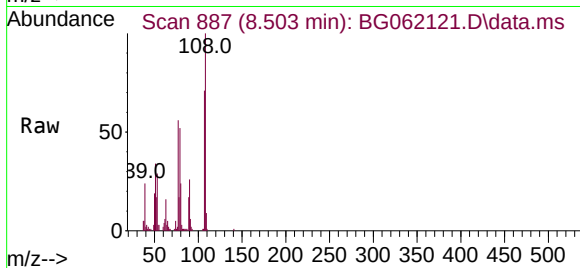
SLCS055

Tgt Ion:108 Resp: 43611

Ion Ratio Lower Upper

108 100

107 71.4 74.9 112.3#



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.004 ng/ul

RT: 8.561 min Scan# 897

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

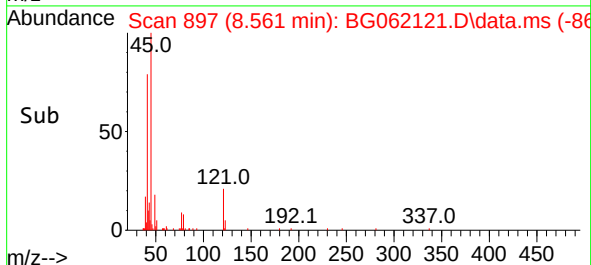
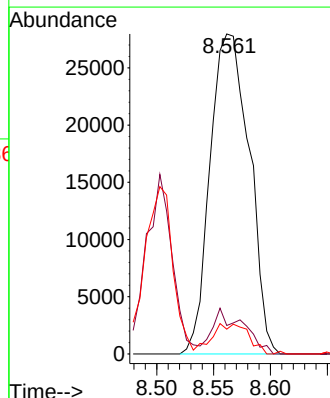
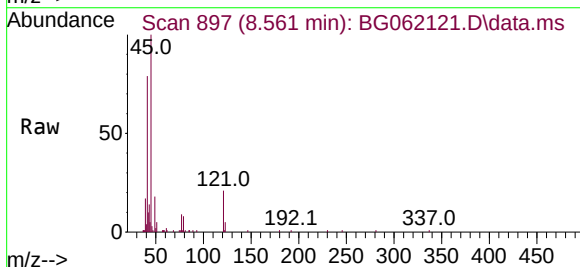
Tgt Ion: 45 Resp: 67116

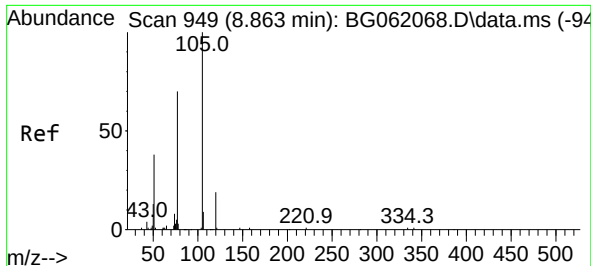
Ion Ratio Lower Upper

45 100

77 8.9 7.4 11.0

79 7.7 4.8 7.2#

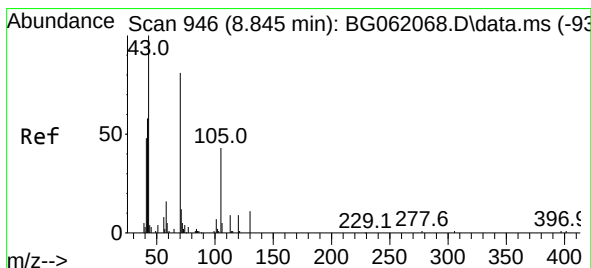
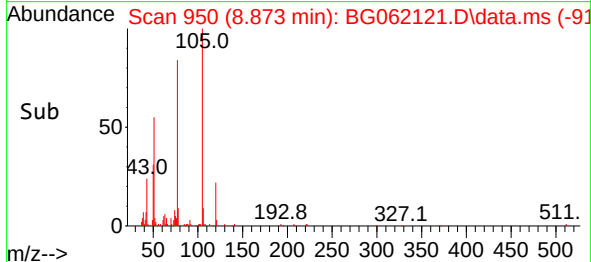
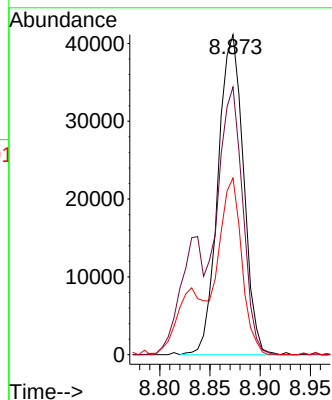
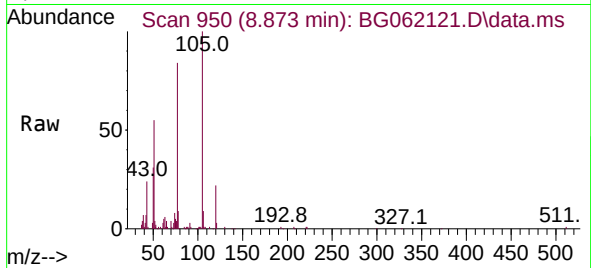




#16
Acetophenone
Concen: 25.622 ng/ul
RT: 8.873 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

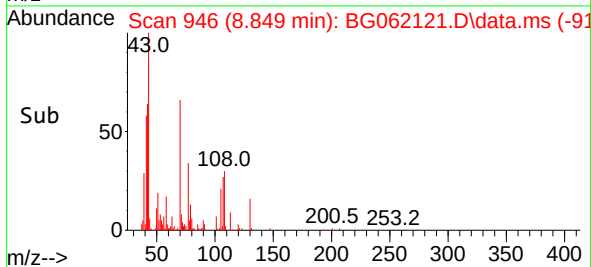
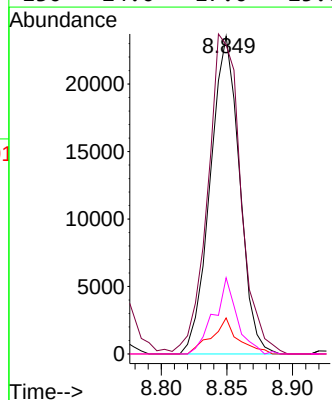
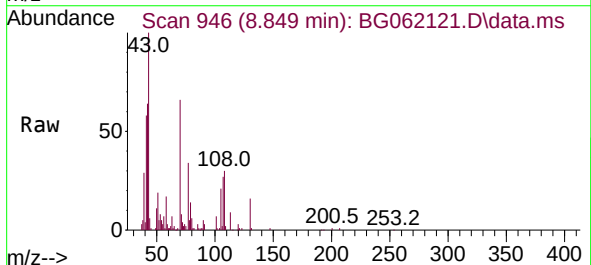
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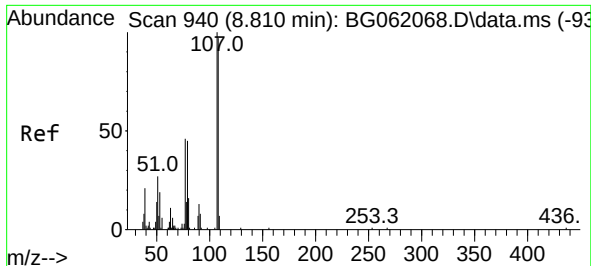
Tgt Ion:105 Resp: 72293
Ion Ratio Lower Upper
105 100
77 83.7 64.1 96.1
51 55.2 33.8 50.8#



#17
N-Nitroso-di-n-propylamine
Concen: 23.159 ng/ul
RT: 8.849 min Scan# 946
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion: 70 Resp: 36583
Ion Ratio Lower Upper
70 100
42 97.3 64.7 97.1#
101 11.3 7.3 10.9#
130 24.0 17.0 25.6

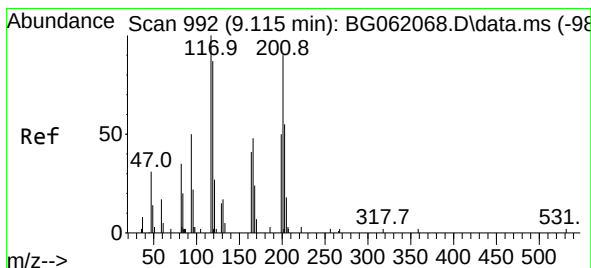
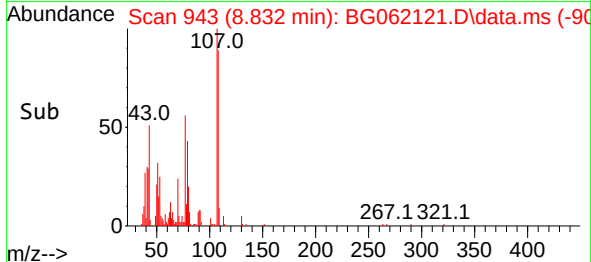
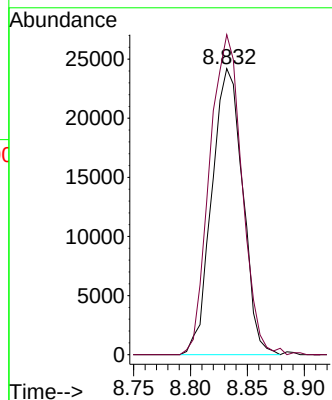
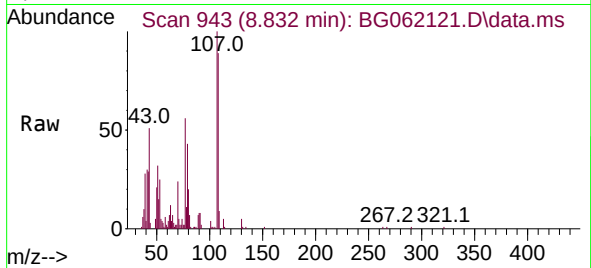




#18
4-Methylphenol
Concen: 25.786 ng/ul
RT: 8.832 min Scan# 940
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

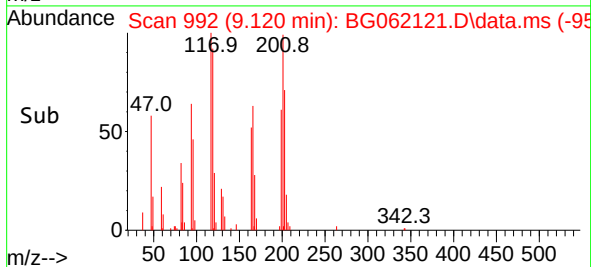
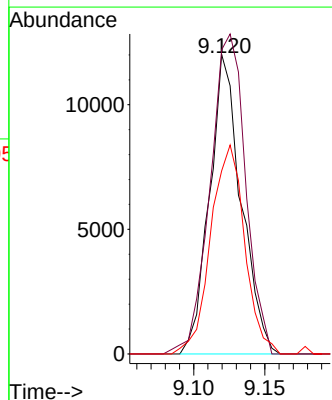
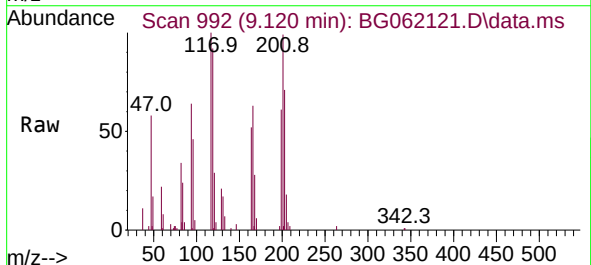
Instrument :
BNA_G
ClientSampleId :
SLCS055

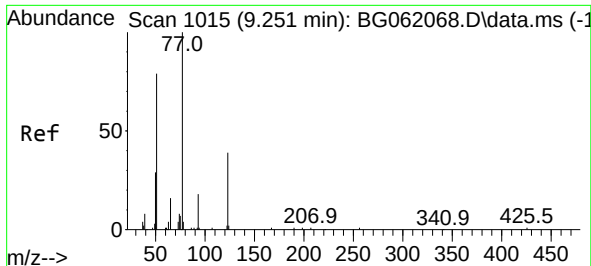
Tgt Ion:108 Resp: 45780
Ion Ratio Lower Upper
108 100
107 111.9 88.4 132.6



#19
Hexachloroethane
Concen: 28.281 ng/ul
RT: 9.120 min Scan# 992
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:117 Resp: 18600
Ion Ratio Lower Upper
117 100
201 101.6 69.3 103.9
199 61.1 48.9 73.3

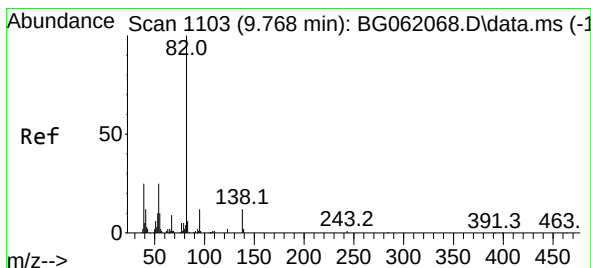
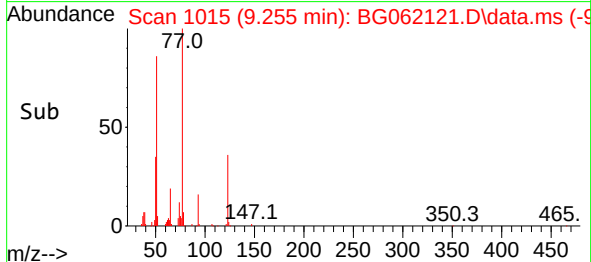
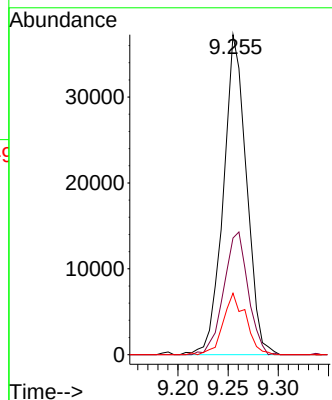
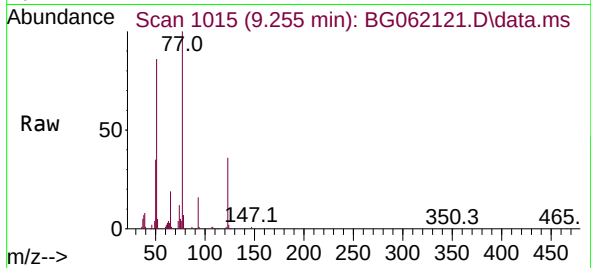




#22
Nitrobenzene
Concen: 27.488 ng/ul
RT: 9.255 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

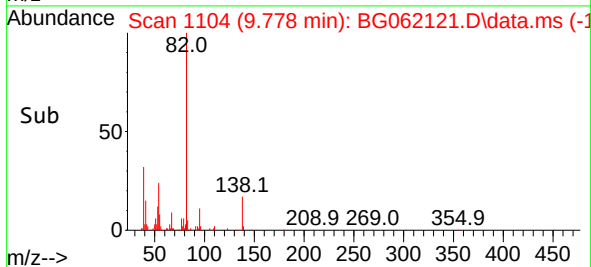
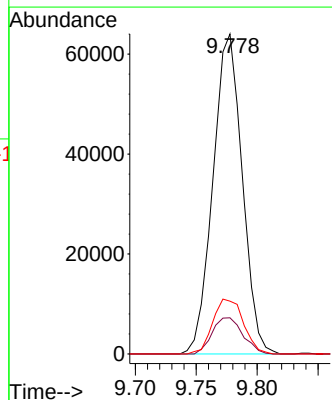
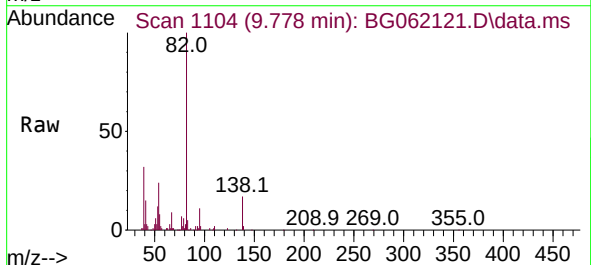
Instrument :
BNA_G
ClientSampleId :
SLCS055

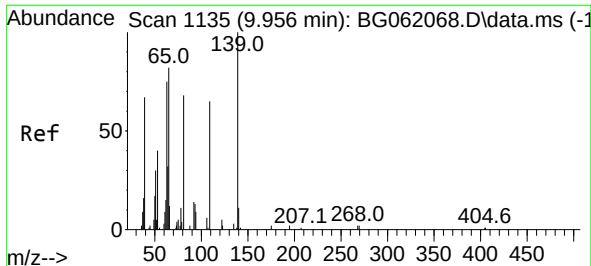
Tgt Ion: 77 Resp: 59774
Ion Ratio Lower Upper
77 100
123 36.5 31.0 46.6
65 19.2 12.7 19.1#



#23
Isophorone
Concen: 21.781 ng/ul
RT: 9.778 min Scan# 1104
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion: 82 Resp: 107003
Ion Ratio Lower Upper
82 100
95 11.3 6.0 9.0#
138 16.5 11.9 17.9

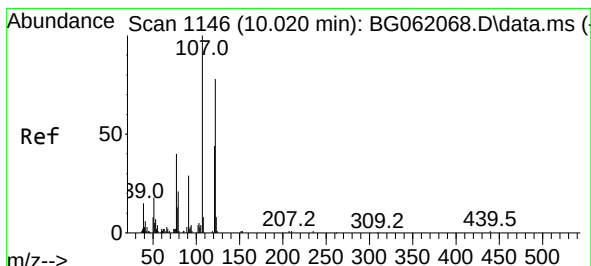
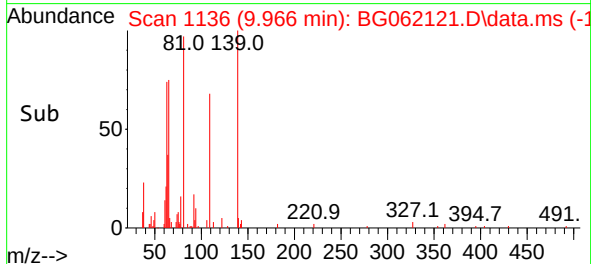
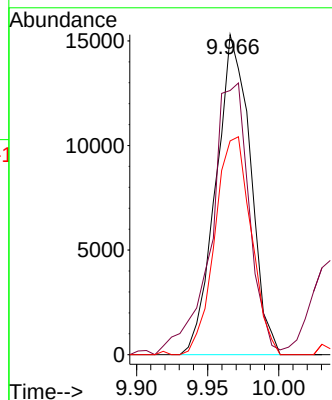
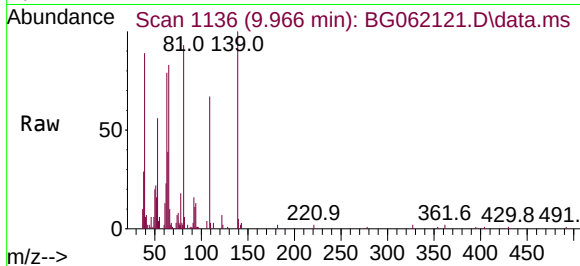




#25
2-Nitrophenol
Concen: 28.953 ng/ul
RT: 9.966 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

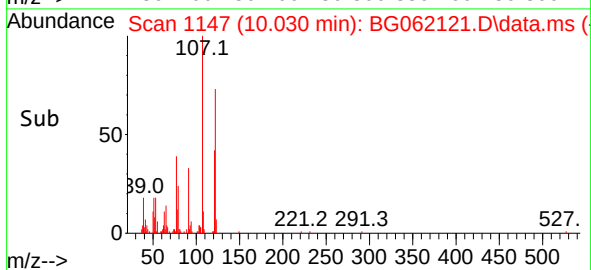
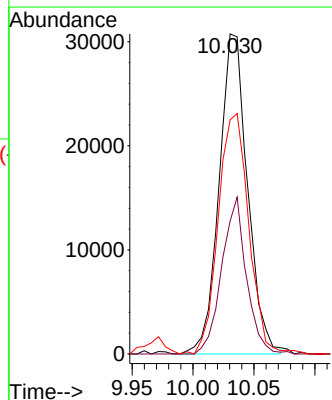
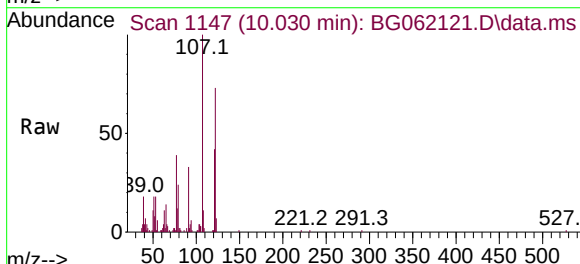
Instrument :
BNA_G
ClientSampleId :
SLCS055

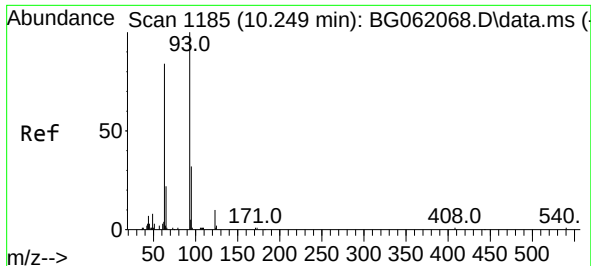
Tgt Ion:139 Resp: 25830
Ion Ratio Lower Upper
139 100
65 82.6 61.6 92.4
109 66.8 35.4 53.2#



#26
2,4-Dimethylphenol
Concen: 23.404 ng/ul
RT: 10.030 min Scan# 1147
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:107 Resp: 49972
Ion Ratio Lower Upper
107 100
121 41.5 35.6 53.4
122 73.2 62.2 93.2

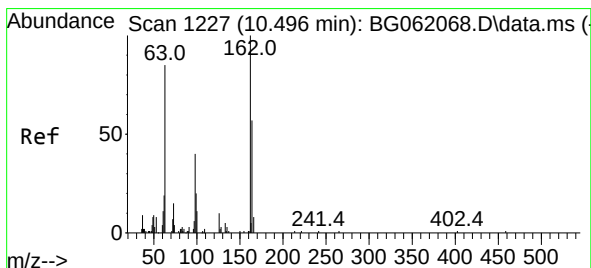
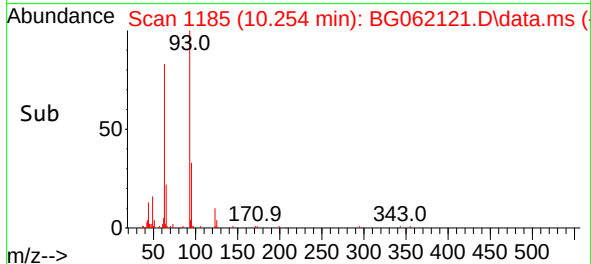
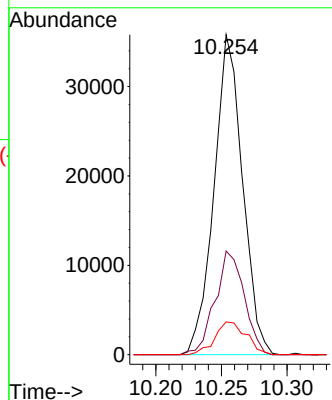
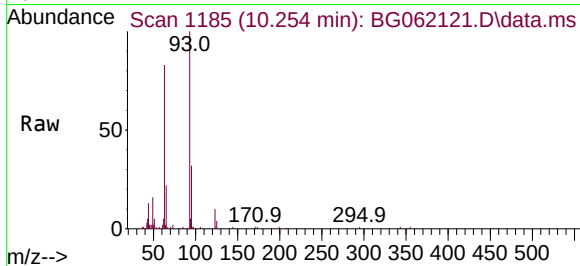




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.971 ng/ul
 RT: 10.254 min Scan# 1185
 Delta R.T. -0.009 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

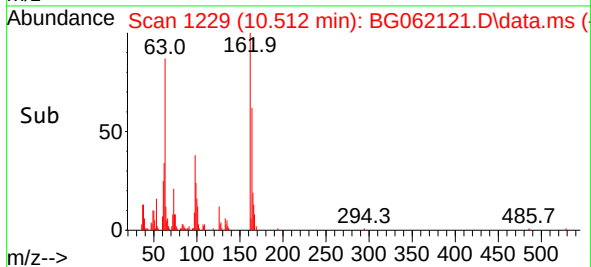
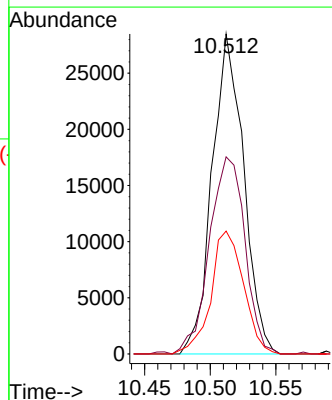
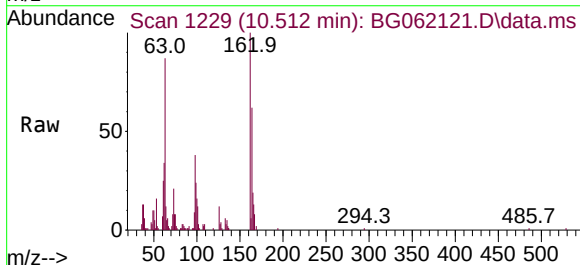
Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

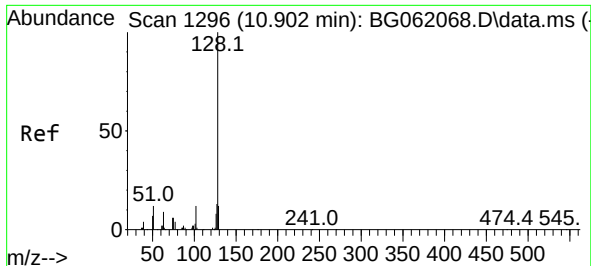
Tgt Ion: 93	Resp:	54030
Ion Ratio	Lower	Upper
93	100	
95	32.4	26.2 39.2
123	10.3	7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 30.066 ng/ul
 RT: 10.512 min Scan# 1229
 Delta R.T. -0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

Tgt Ion: 162	Resp:	47656
Ion Ratio	Lower	Upper
162	100	
164	61.6	46.9 70.3
98	38.4	33.4 50.2

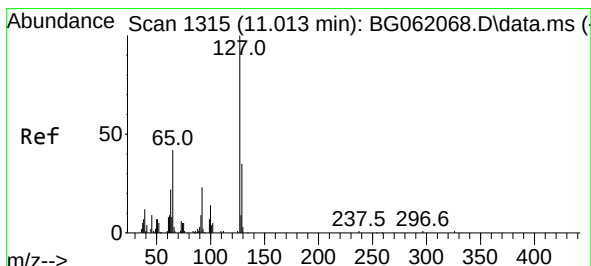
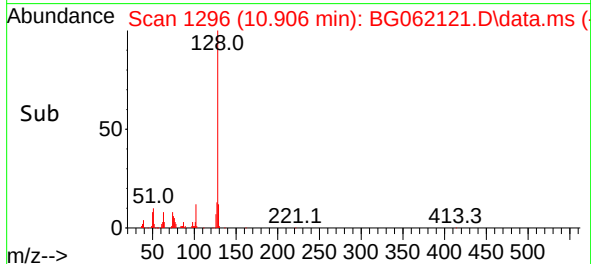
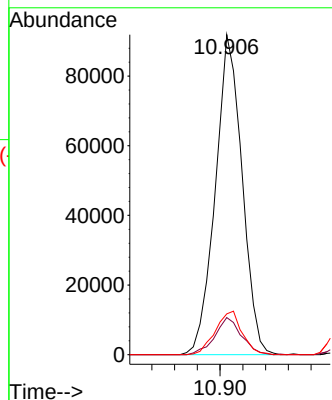
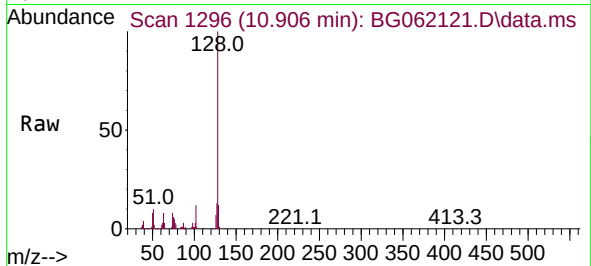




#30
Naphthalene
Concen: 27.115 ng/ul
RT: 10.906 min Scan# 1296
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

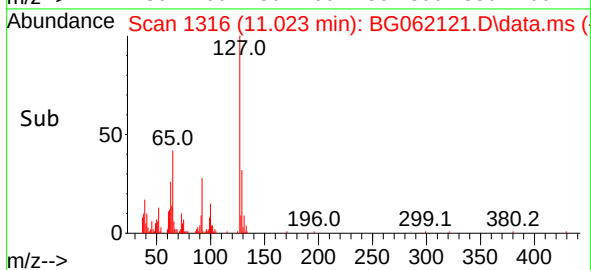
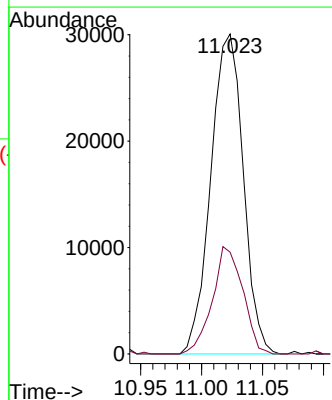
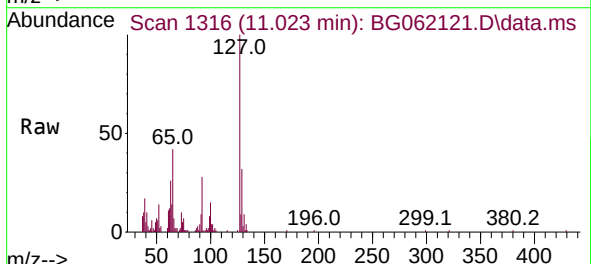
Instrument :
BNA_G
ClientSampleId :
SLCS055

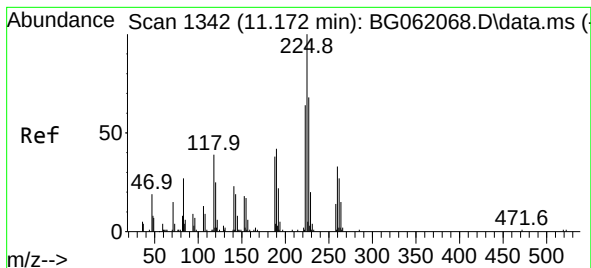
Tgt Ion:128 Resp: 150024
Ion Ratio Lower Upper
128 100
129 11.6 7.7 11.5#
127 12.8 9.6 14.4



#32
4-Chloroaniline
Concen: 23.178 ng/ul
RT: 11.023 min Scan# 1316
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:127 Resp: 55715
Ion Ratio Lower Upper
127 100
129 31.8 24.2 36.4





#33

Hexachlorobutadiene

Concen: 31.640 ng/ul

RT: 11.170 min Scan# 11

Delta R.T. -0.015 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

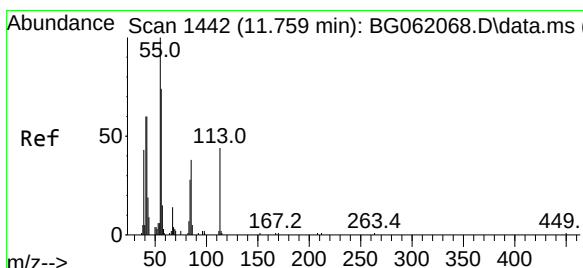
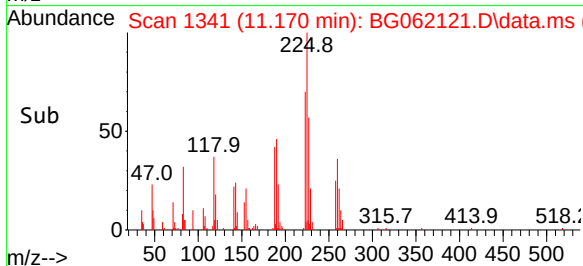
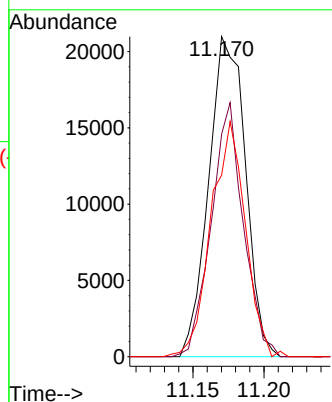
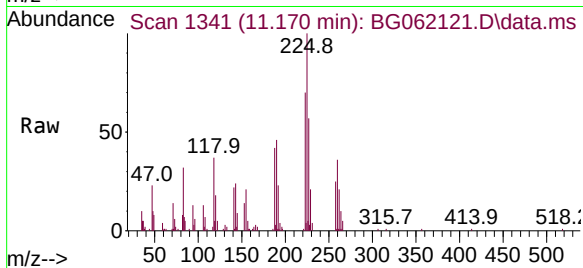
Tgt Ion:225 Resp: 37739

Ion Ratio Lower Upper

225 100

223 69.5 45.4 68.2#

227 56.8 44.0 66.0



#34

Caprolactam

Concen: 21.237 ng/ul

RT: 11.799 min Scan# 1448

Delta R.T. 0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

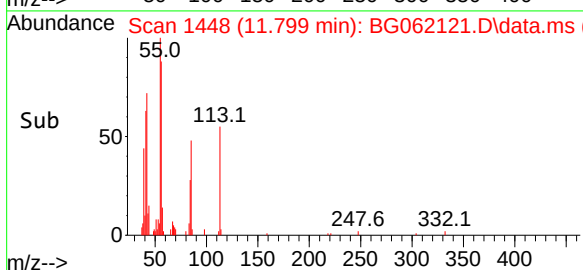
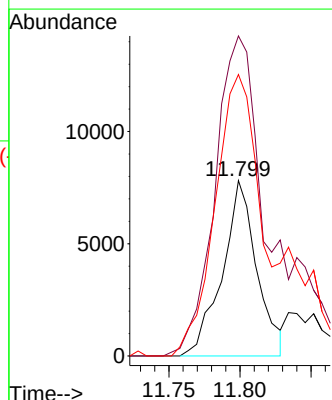
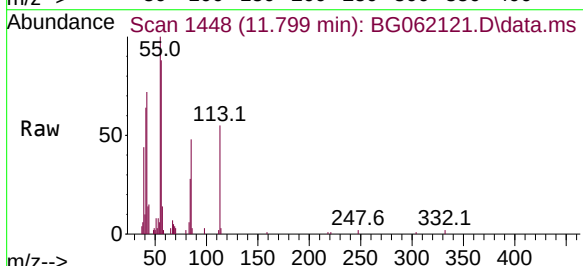
Tgt Ion:113 Resp: 13188

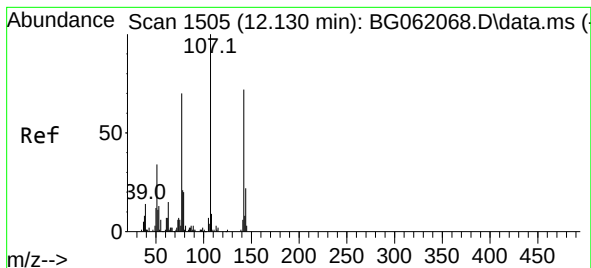
Ion Ratio Lower Upper

113 100

55 182.4 184.6 276.8#

56 160.5 135.0 202.6

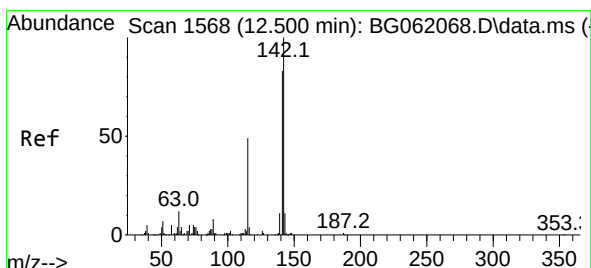
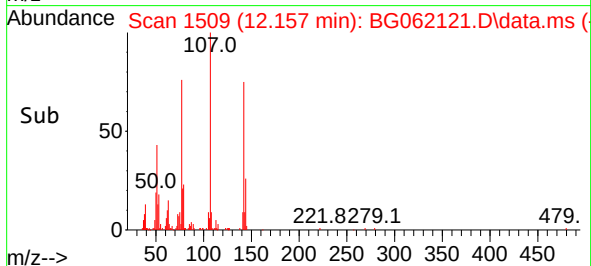
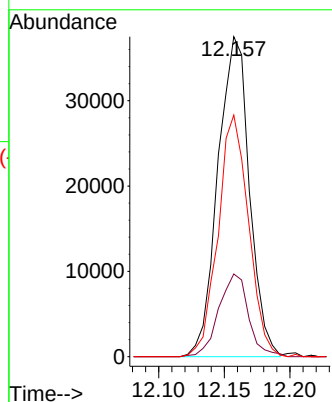
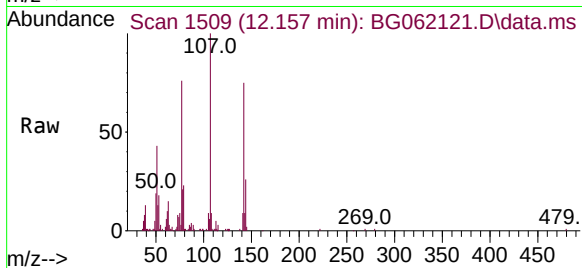




#35
4-Chloro-3-methylphenol
Concen: 29.669 ng/ul
RT: 12.157 min Scan# 1509
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

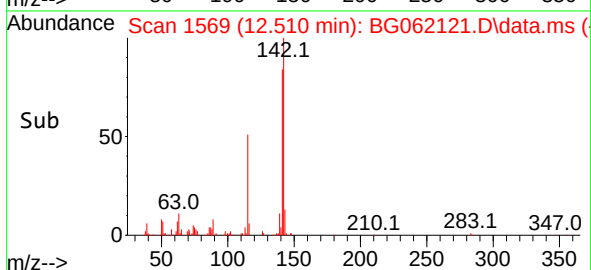
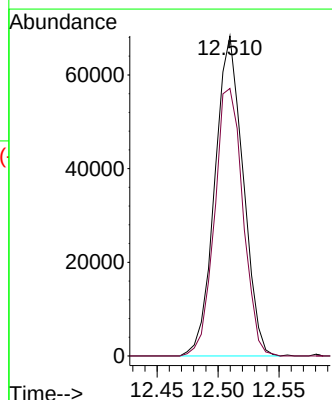
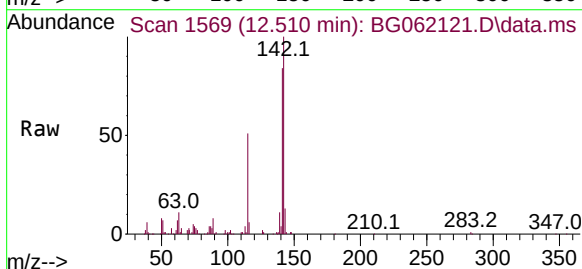
Instrument :
BNA_G
ClientSampleId :
SLCS055

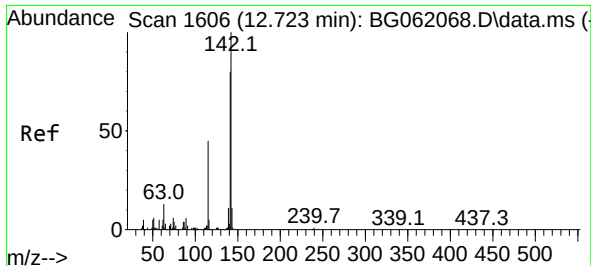
Tgt Ion:107 Resp: 62632
Ion Ratio Lower Upper
107 100
144 25.9 19.6 29.4
142 75.5 60.3 90.5



#36
2-Methylnaphthalene
Concen: 27.519 ng/ul
RT: 12.510 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:142 Resp: 110307
Ion Ratio Lower Upper
142 100
141 83.6 69.4 104.2





#37

1-Methylnaphthalene

Concen: 27.834 ng/ul

RT: 12.727 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

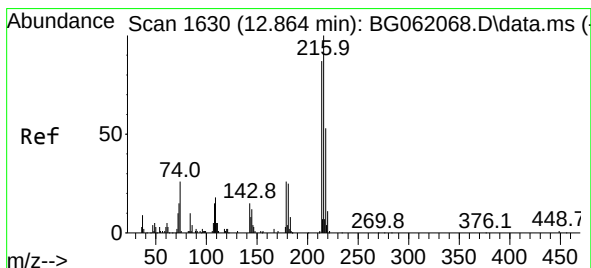
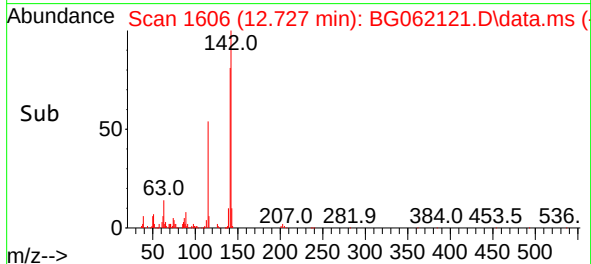
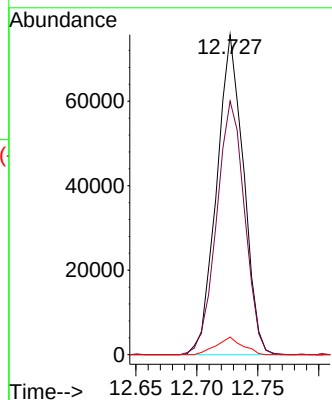
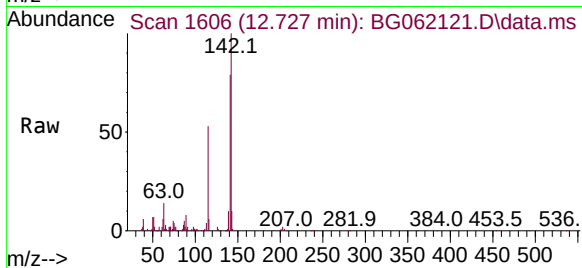
Tgt Ion:142 Resp: 115944

Ion Ratio Lower Upper

142 100

141 79.3 71.4 107.2

116 5.5 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.498 ng/ul

RT: 12.874 min Scan# 1631

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Tgt Ion:216 Resp: 68599

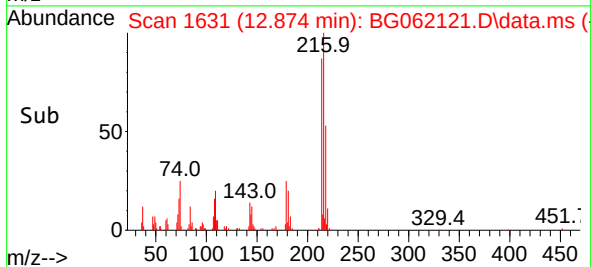
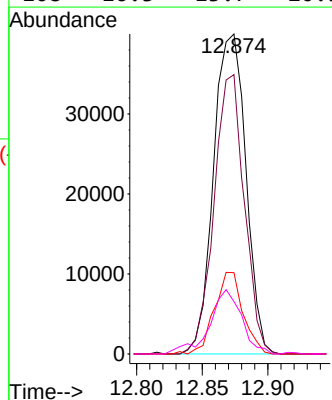
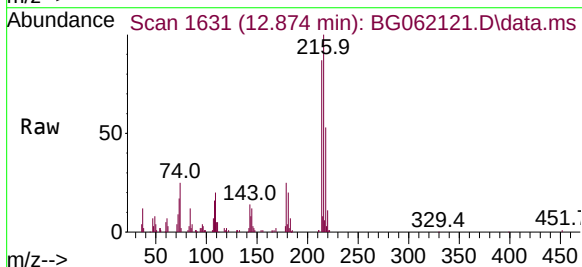
Ion Ratio Lower Upper

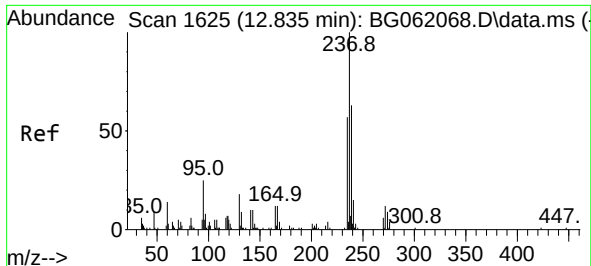
216 100

214 87.3 62.5 93.7

179 25.4 18.6 27.8

108 16.3 13.7 20.5

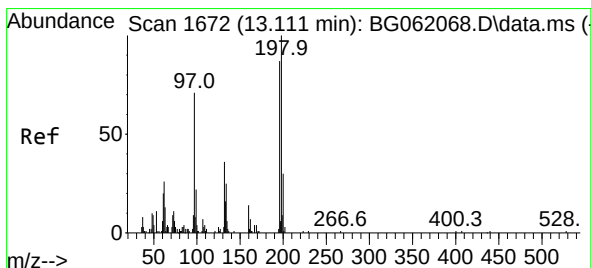
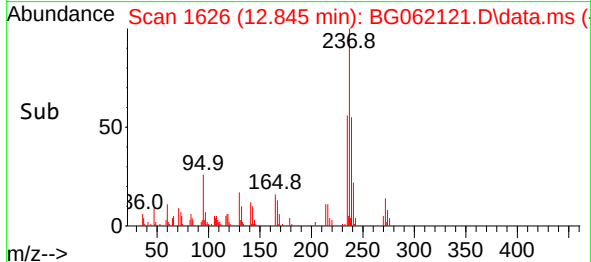
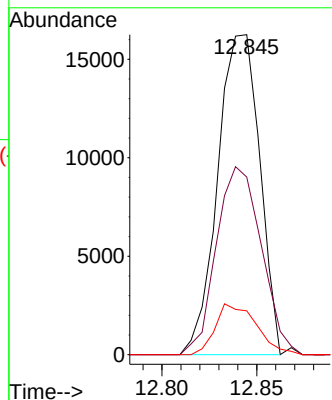
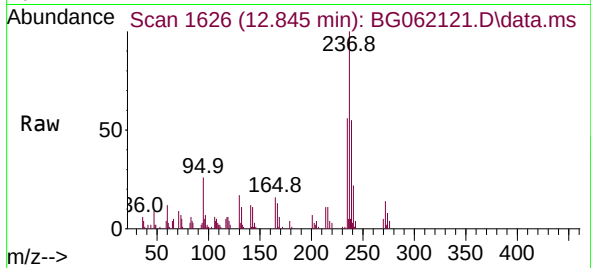




#40
Hexachlorocyclopentadiene
Concen: 16.739 ng/ul
RT: 12.845 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

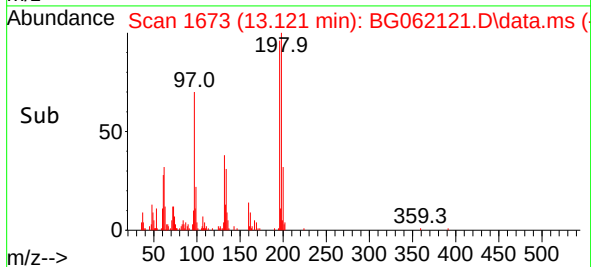
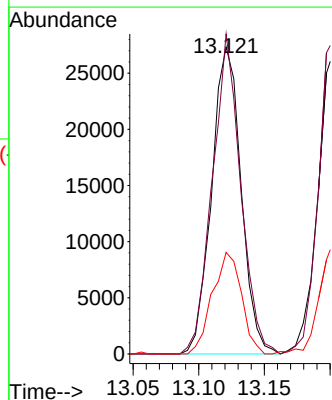
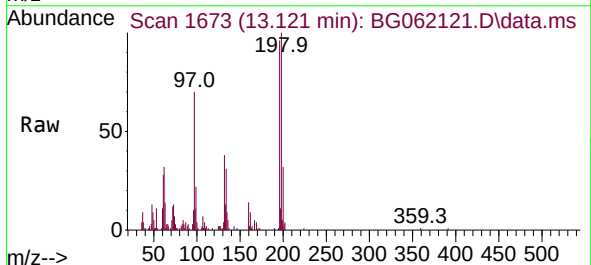
Instrument :
BNA_G
ClientSampleId :
SLCS055

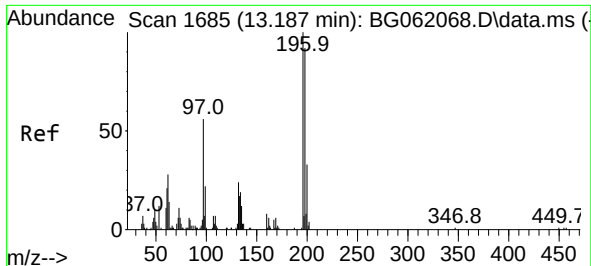
Tgt Ion:237 Resp: 25064
Ion Ratio Lower Upper
237 100
235 55.5 51.7 77.5
272 15.8 12.4 18.6



#41
2,4,6-Trichlorophenol
Concen: 28.607 ng/ul
RT: 13.121 min Scan# 1673
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:196 Resp: 42737
Ion Ratio Lower Upper
196 100
198 104.3 79.9 119.9
200 33.1 26.7 40.1

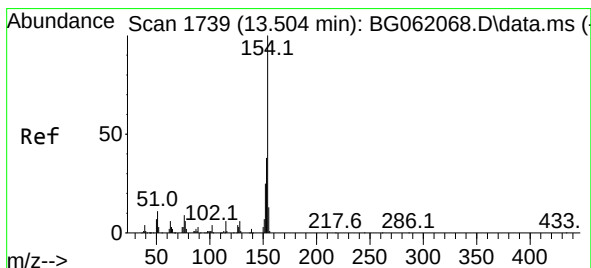
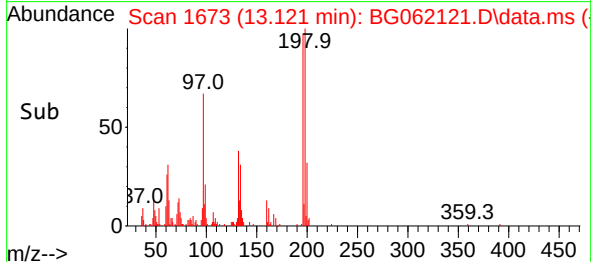
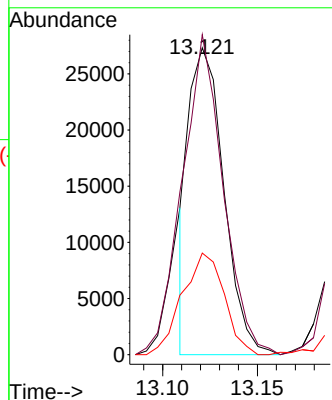
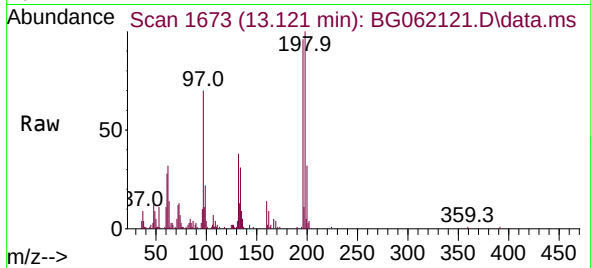




#42
2,4,5-Trichlorophenol
Concen: 21.342 ng/ul
RT: 13.121 min Scan# 1
Delta R.T. -0.079 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

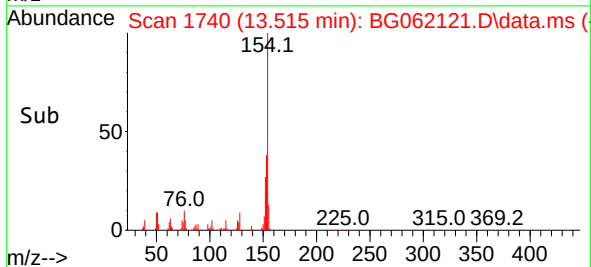
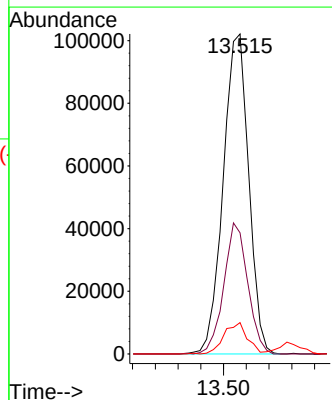
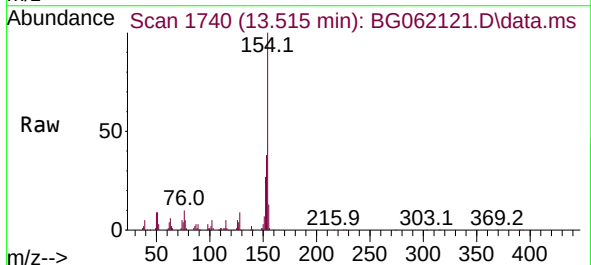
Instrument :
BNA_G
ClientSampleId :
SLCS055

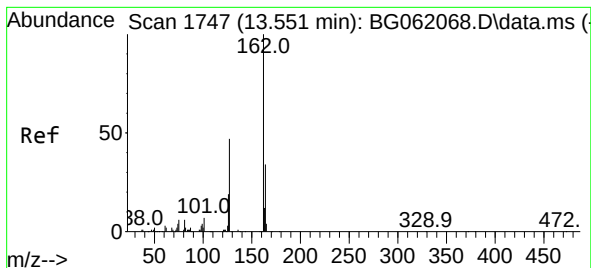
Tgt Ion:196 Resp: 35025
Ion Ratio Lower Upper
196 100
198 104.3 72.5 108.7
200 33.1 23.7 35.5



#43
1,1'-Biphenyl
Concen: 27.568 ng/ul
RT: 13.515 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:154 Resp: 159097
Ion Ratio Lower Upper
154 100
153 37.9 31.7 47.5
76 9.8 10.0 15.0#





#44

2-Chloronaphthalene

Concen: 28.115 ng/ul

RT: 13.556 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

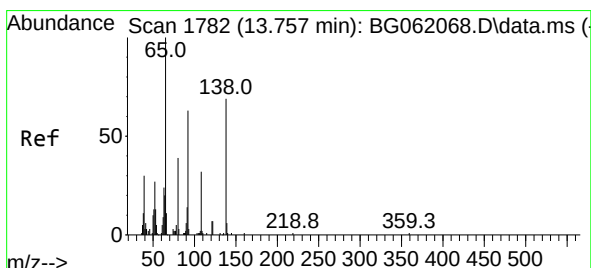
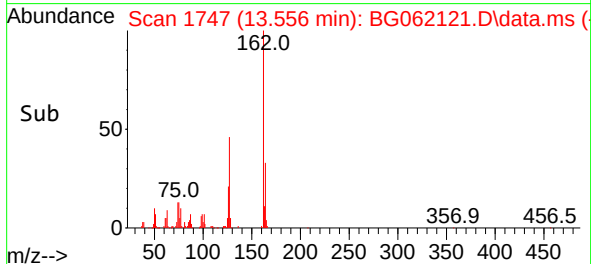
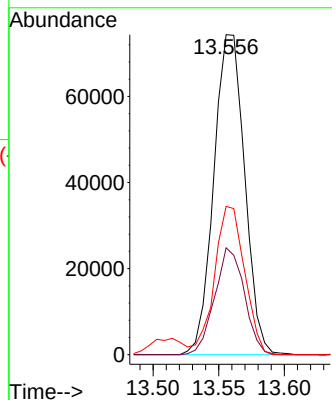
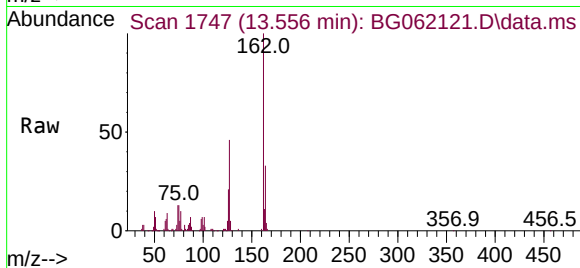
Tgt Ion:162 Resp: 121772

Ion Ratio Lower Upper

162 100

164 33.4 23.3 34.9

127 46.4 33.2 49.8



#45

2-Nitroaniline

Concen: 30.016 ng/ul

RT: 13.767 min Scan# 1783

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

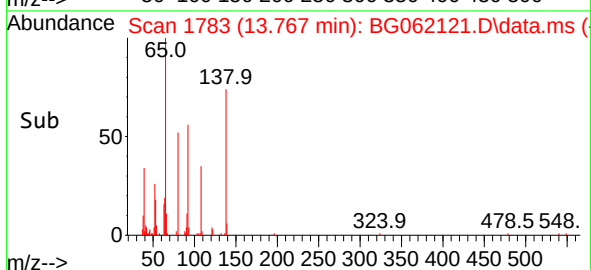
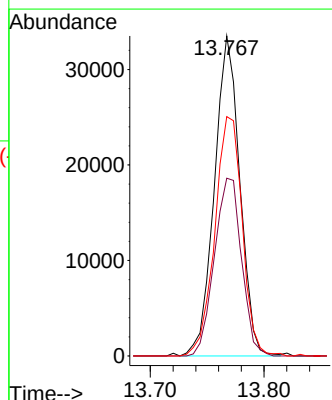
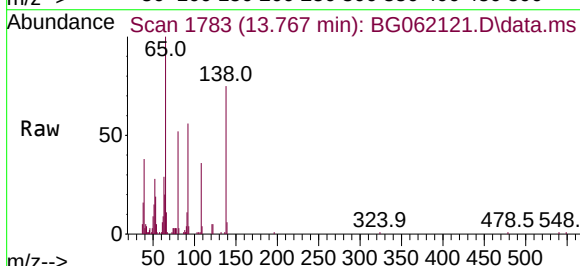
Tgt Ion: 65 Resp: 52062

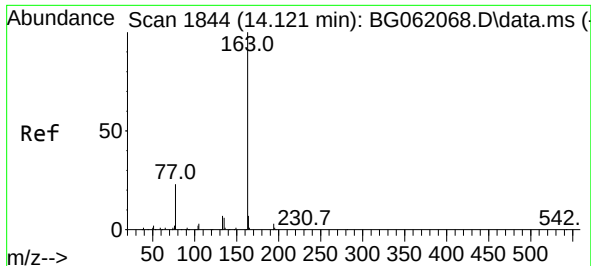
Ion Ratio Lower Upper

65 100

92 55.6 48.2 72.4

138 74.8 56.8 85.2

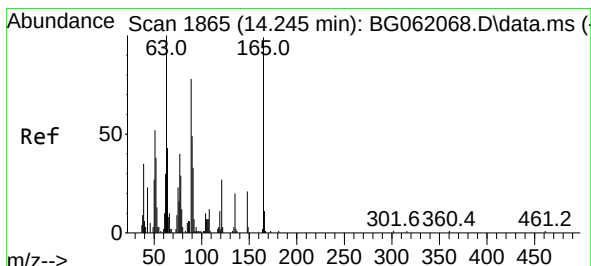
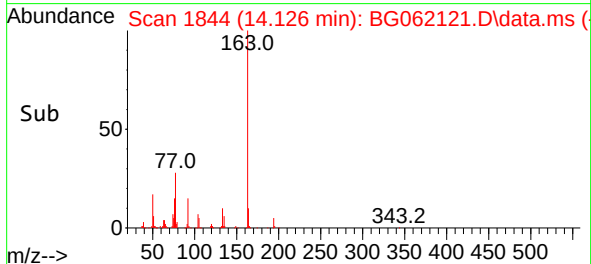
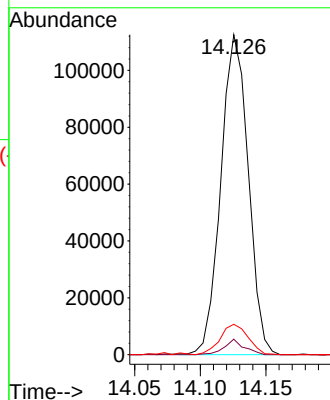
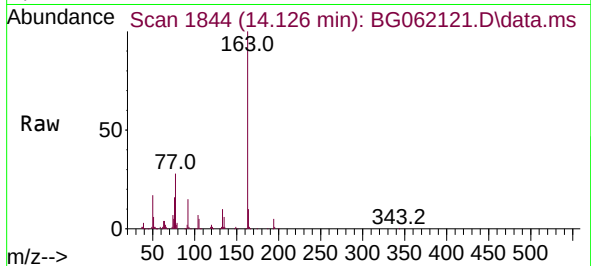




#47
Dimethylphthalate
Concen: 27.605 ng/ul
RT: 14.126 min Scan# 1844
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

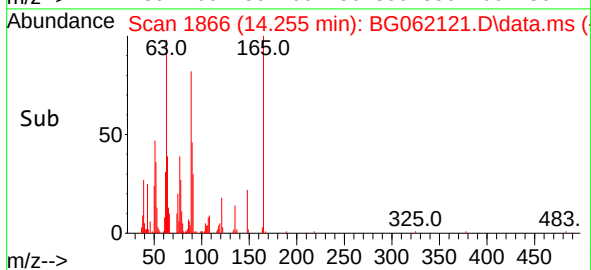
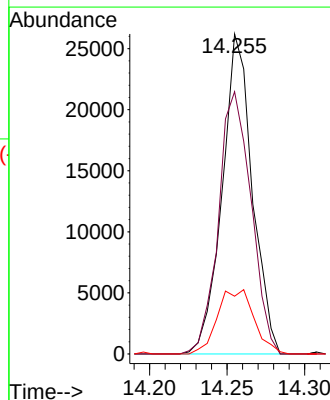
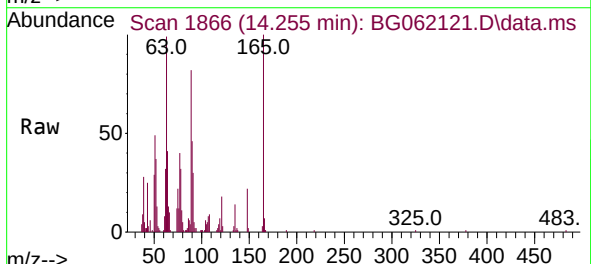
Instrument :
BNA_G
ClientSampleId :
SLCS055

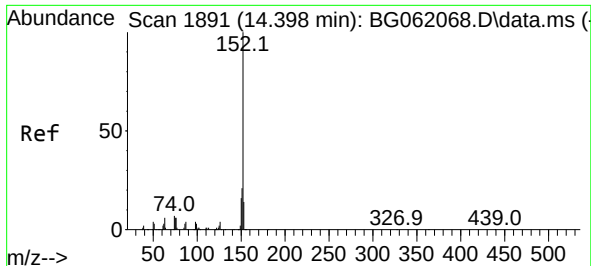
Tgt Ion:163 Resp: 163499
Ion Ratio Lower Upper
163 100
194 4.8 2.6 4.0#
164 9.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 31.520 ng/ul
RT: 14.255 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:165 Resp: 35416
Ion Ratio Lower Upper
165 100
89 82.0 62.6 93.8
121 18.0 18.4 27.6#

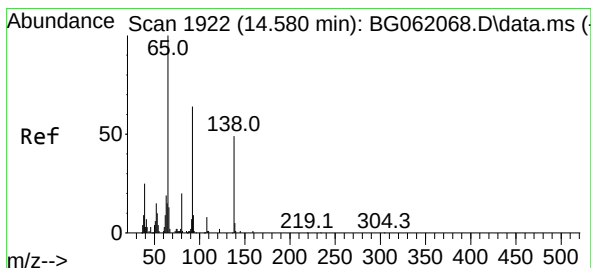
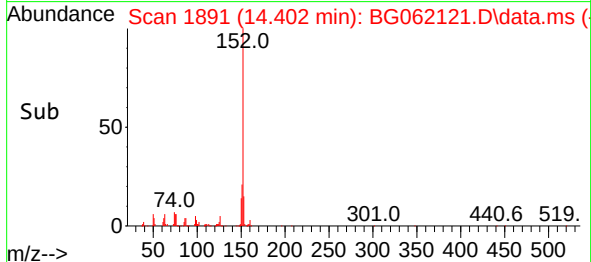
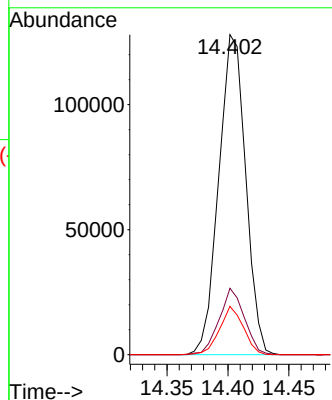
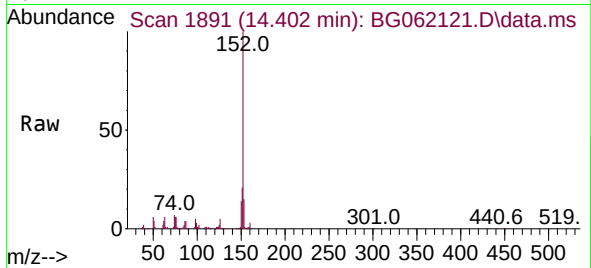




#50
Acenaphthylene
Concen: 27.867 ng/ul
RT: 14.402 min Scan# 1891
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

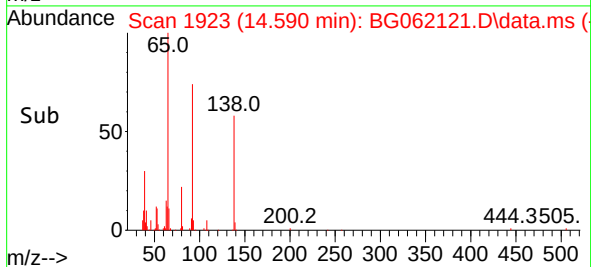
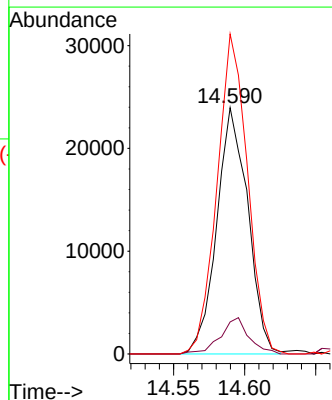
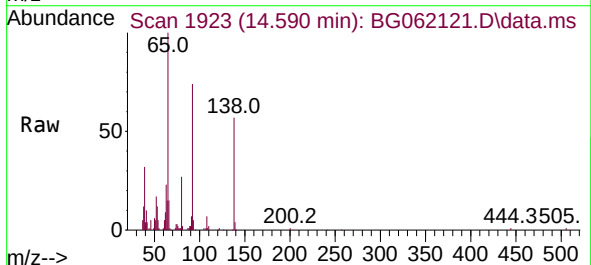
Instrument :
BNA_G
ClientSampleId :
SLCS055

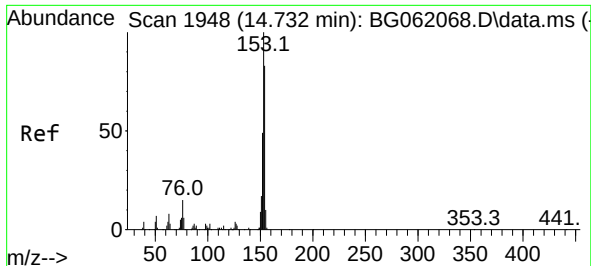
Tgt Ion:152 Resp: 196932
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 15.1 11.4 17.0



#51
3-Nitroaniline
Concen: 33.276 ng/ul
RT: 14.590 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:138 Resp: 36395
Ion Ratio Lower Upper
138 100
108 13.0 12.3 18.5
92 129.9 116.3 174.5

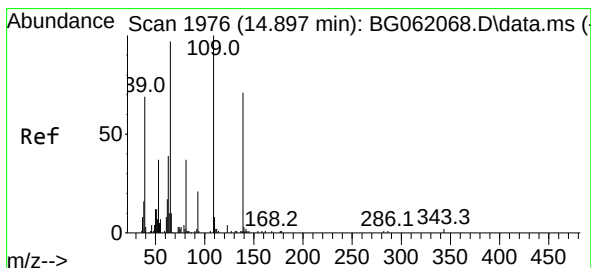
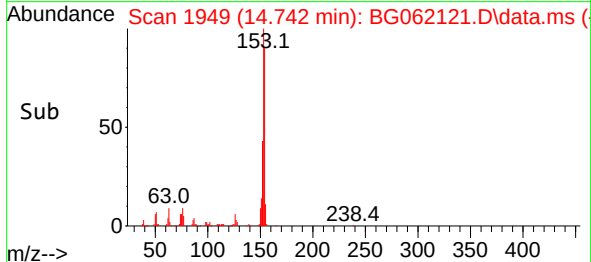
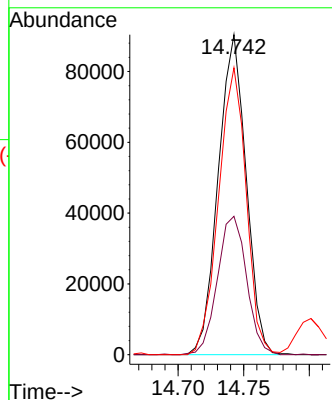
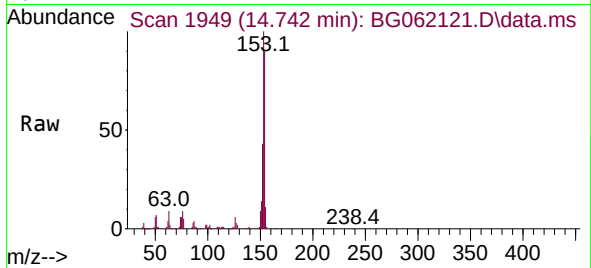




#52
Acenaphthene
Concen: 27.374 ng/ul
RT: 14.742 min Scan# 1949
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

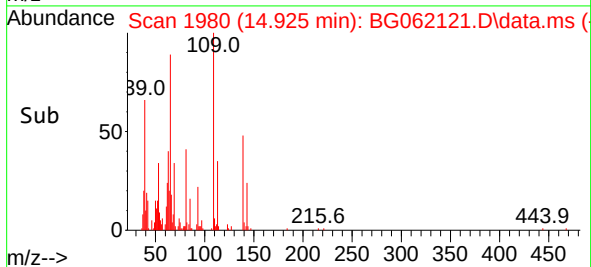
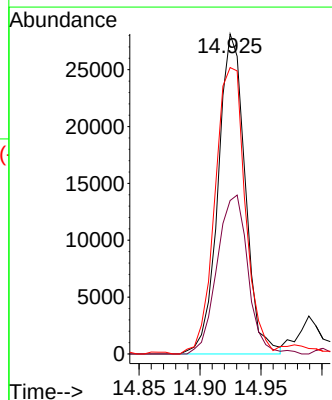
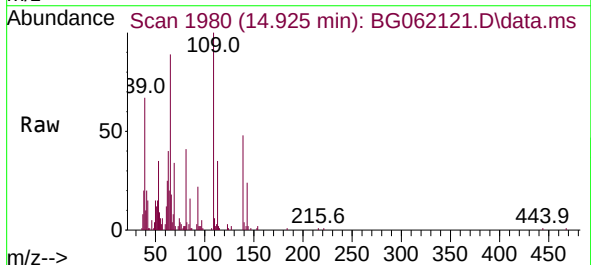
Instrument :
BNA_G
ClientSampleId :
SLCS055

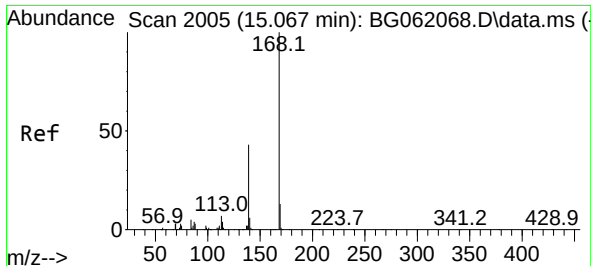
Tgt Ion:153 Resp: 133577
Ion Ratio Lower Upper
153 100
152 43.2 37.2 55.8
154 89.7 75.0 112.6



#55
4-Nitrophenol
Concen: 38.748 ng/ul
RT: 14.925 min Scan# 1980
Delta R.T. 0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:109 Resp: 43489
Ion Ratio Lower Upper
109 100
139 48.0 67.4 101.2#
65 89.5 102.1 153.1#

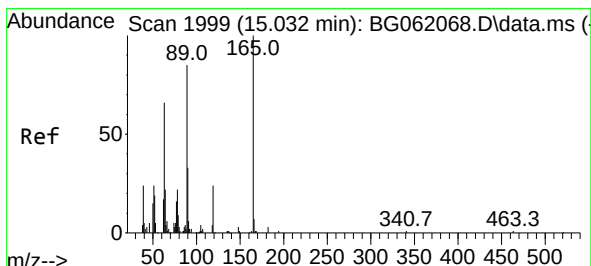
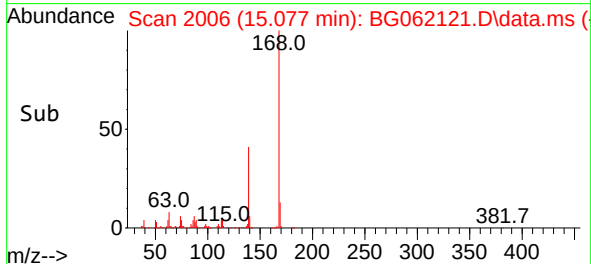
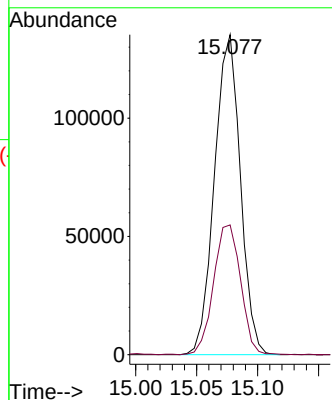
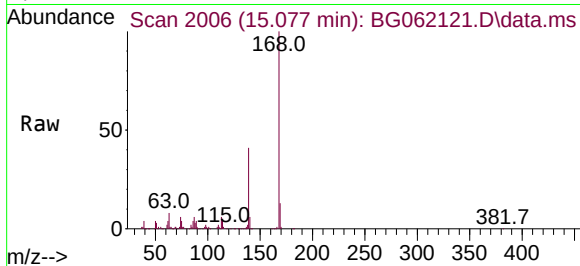




#56
 Dibenzofuran
 Concen: 28.974 ng/ul
 RT: 15.077 min Scan# 2001
 Delta R.T. -0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

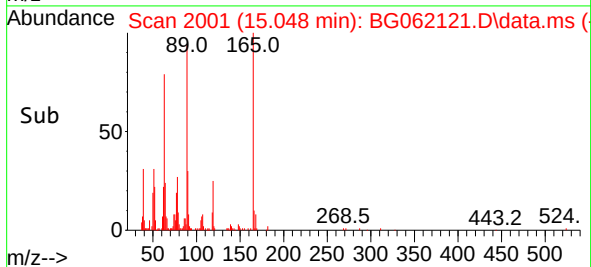
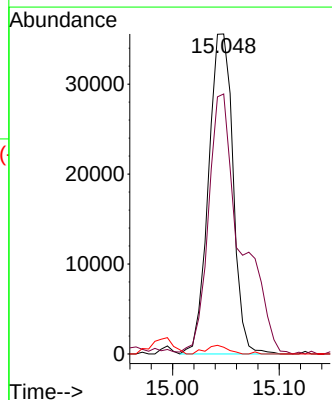
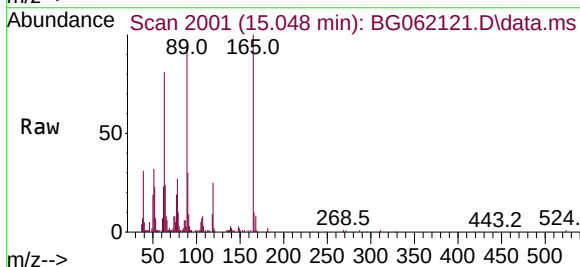
Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

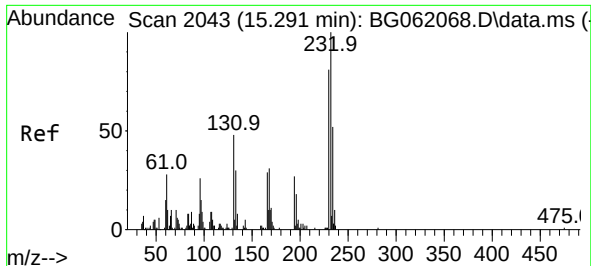
Tgt Ion:168 Resp: 199824
 Ion Ratio Lower Upper
 168 100
 139 40.6 31.0 46.4



#57
 2,4-Dinitrotoluene
 Concen: 34.469 ng/ul
 RT: 15.048 min Scan# 2001
 Delta R.T. 0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

Tgt Ion:165 Resp: 56798
 Ion Ratio Lower Upper
 165 100
 63 81.2 44.9 67.3#
 182 2.1 2.6 3.8#

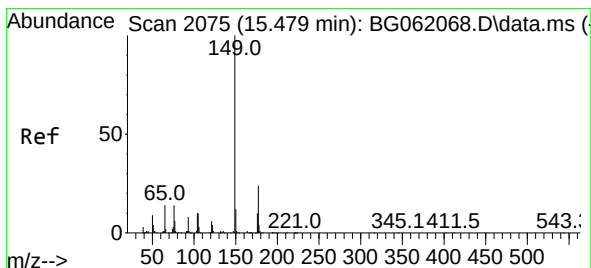
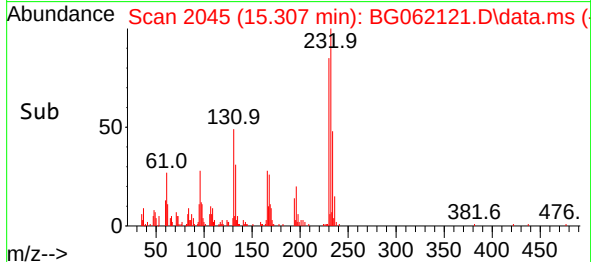
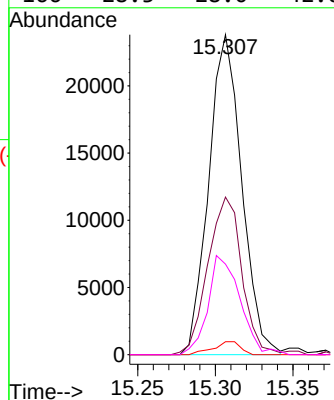
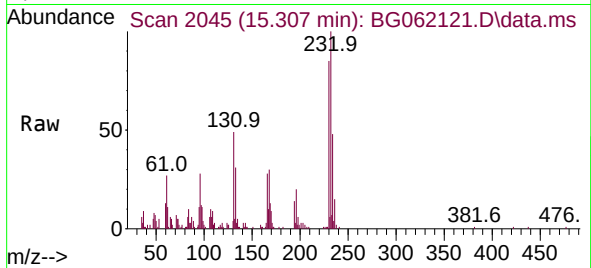




#58
2,3,4,6-Tetrachlorophenol
Concen: 23.767 ng/ul
RT: 15.307 min Scan# 2043
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

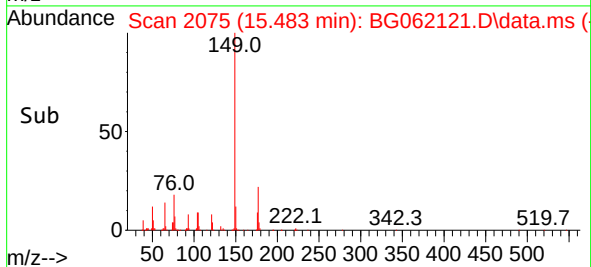
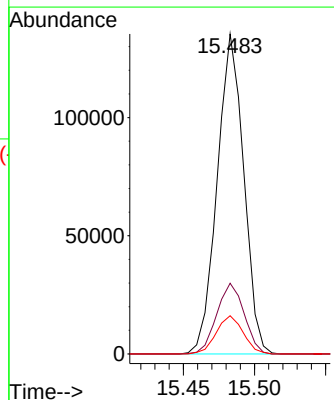
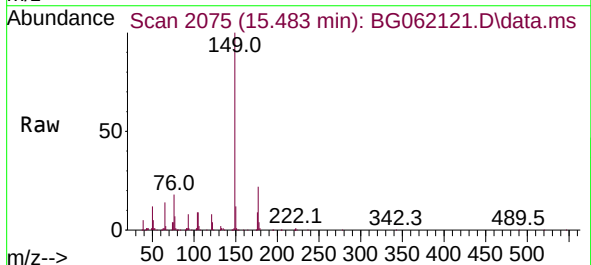
Instrument :
BNA_G
ClientSampleId :
SLCS055

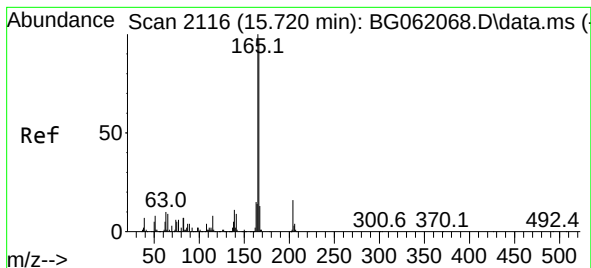
Tgt Ion:232	Resp:	35221
Ion Ratio	Lower	Upper
232	100	
131	49.2	35.8 53.8
130	4.1	2.0 3.0#
166	28.3	28.0 42.0



#59
Diethylphthalate
Concen: 27.530 ng/ul
RT: 15.483 min Scan# 2075
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:149	Resp:	175710
Ion Ratio	Lower	Upper
149	100	
177	22.1	16.3 24.5
150	11.9	9.6 14.4





#61

Fluorene

Concen: 29.327 ng/ul

RT: 15.724 min Scan# 2116

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

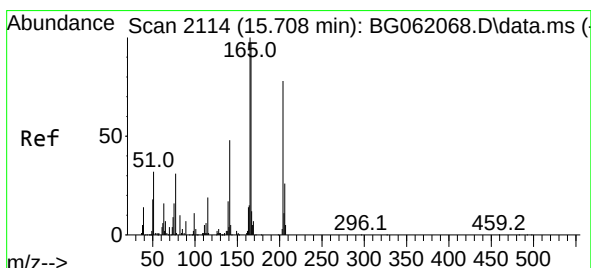
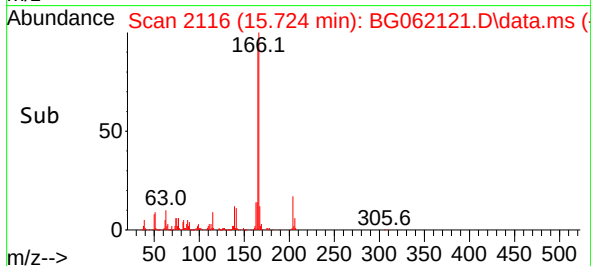
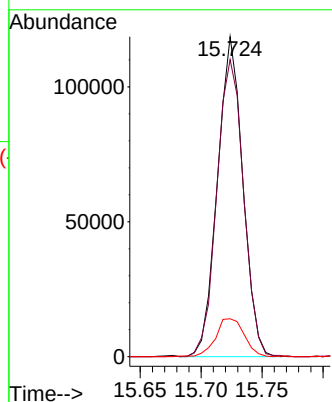
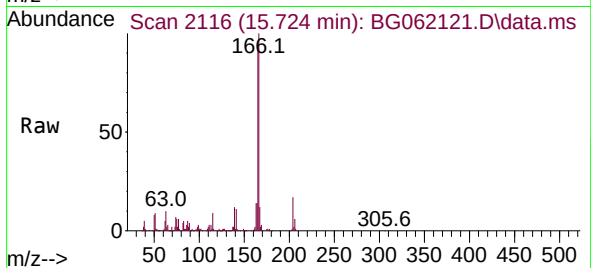
Tgt Ion:166 Resp: 172010

Ion Ratio Lower Upper

166 100

165 92.8 78.4 117.6

167 11.8 10.4 15.6



#62

4-Chlorophenyl-phenylether

Concen: 31.212 ng/ul

RT: 15.712 min Scan# 2114

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

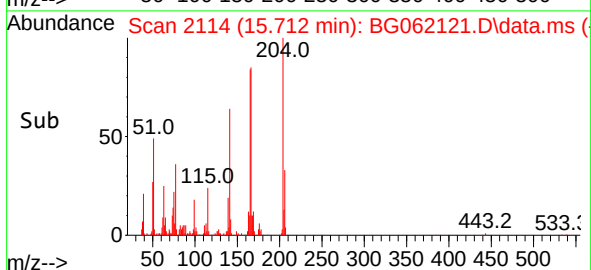
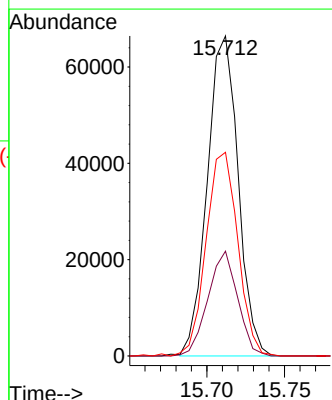
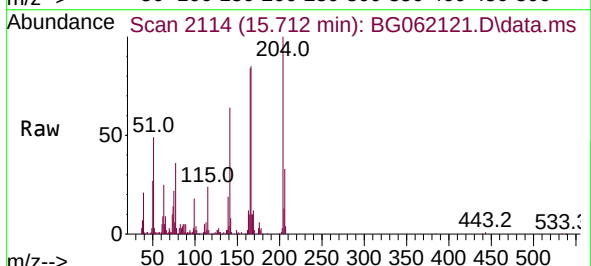
Tgt Ion:204 Resp: 91952

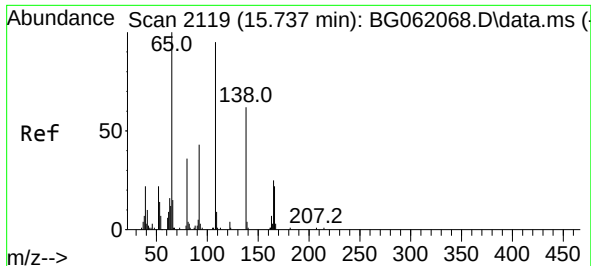
Ion Ratio Lower Upper

204 100

206 32.8 24.5 36.7

141 63.7 46.6 69.8

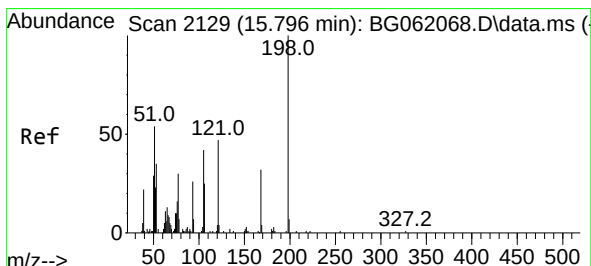
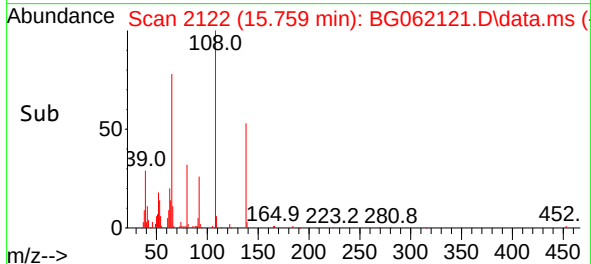
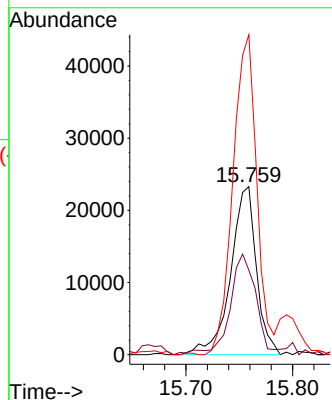
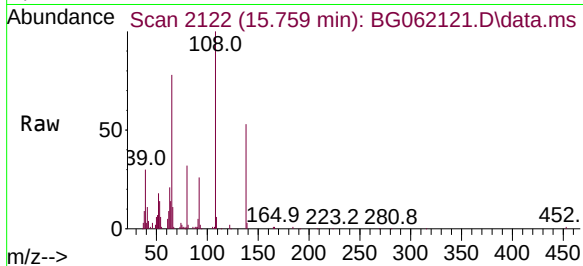




#63
4-Nitroaniline
Concen: 35.315 ng/ul
RT: 15.759 min Scan# 2119
Delta R.T. 0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

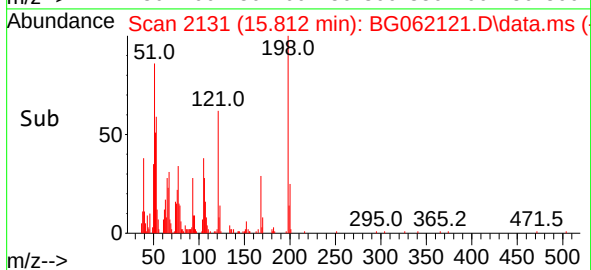
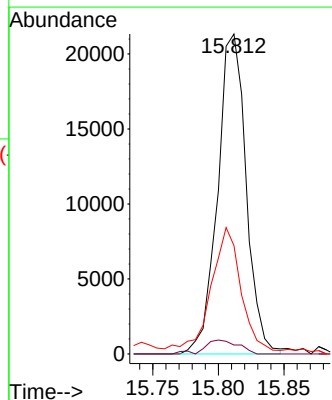
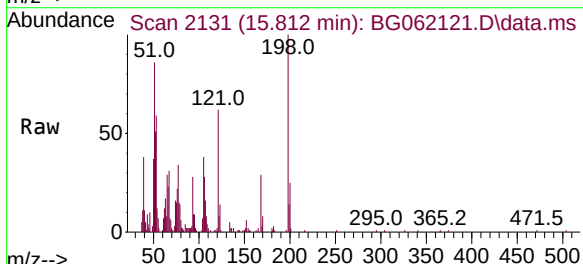
Instrument :
BNA_G
ClientSampleId :
SLCS055

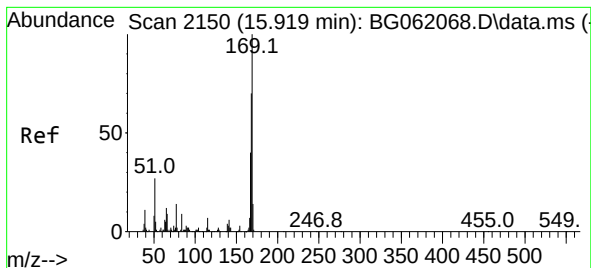
Tgt Ion:138 Resp: 39193
Ion Ratio Lower Upper
138 100
92 50.3 52.3 78.5#
108 190.4 94.1 141.1#



#66
4,6-Dinitro-2-methylphenol
Concen: 31.048 ng/ul
RT: 15.812 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:198 Resp: 32274
Ion Ratio Lower Upper
198 100
182 2.8 3.6 5.4#
77 33.8 21.8 32.8#

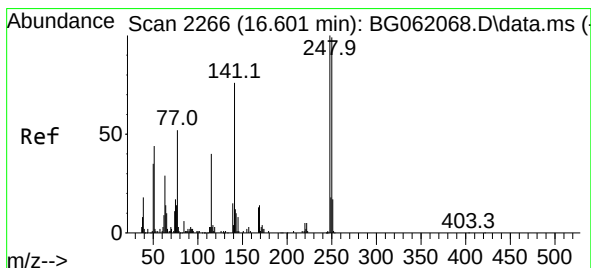
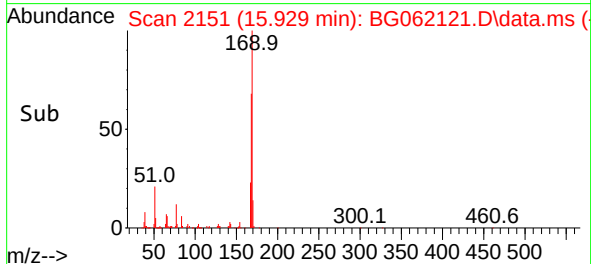
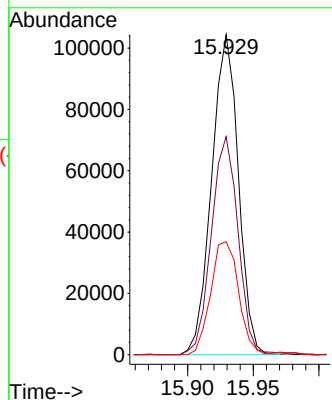
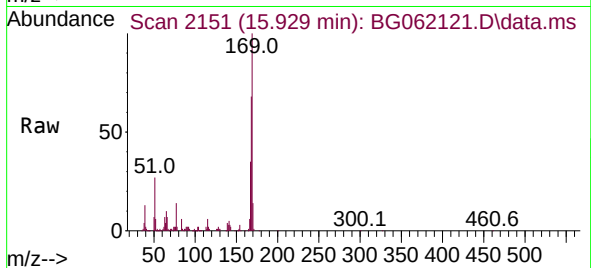




#67
N-Nitrosodiphenylamine
Concen: 29.395 ng/ul
RT: 15.929 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

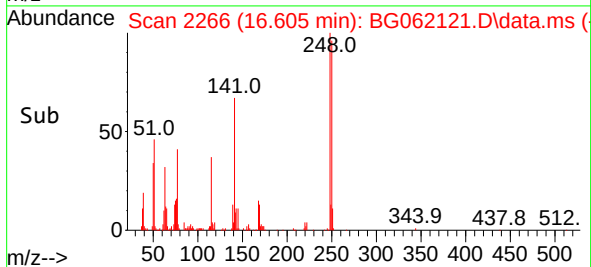
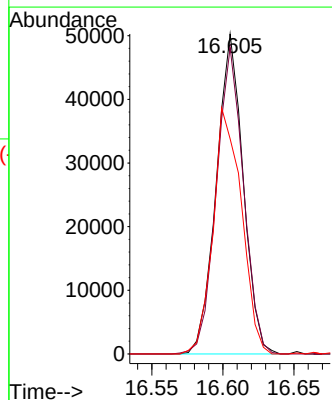
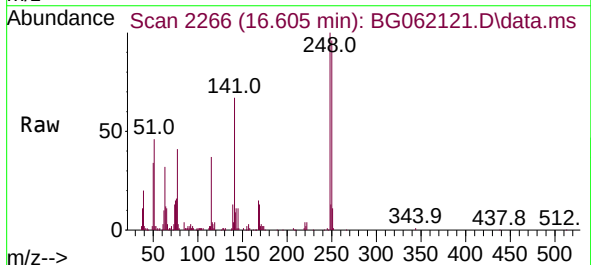
Instrument :
BNA_G
ClientSampleId :
SLCS055

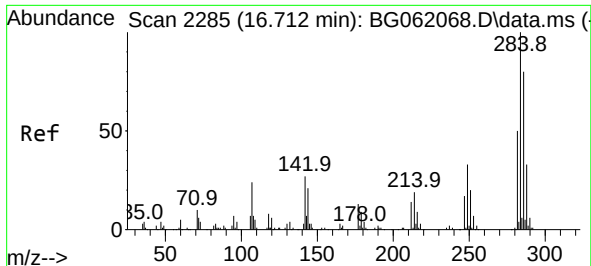
Tgt Ion:169 Resp: 147639
Ion Ratio Lower Upper
169 100
168 68.2 55.6 83.4
167 35.3 29.8 44.8



#68
4-Bromophenyl-phenylether
Concen: 31.593 ng/ul
RT: 16.605 min Scan# 2266
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:248 Resp: 65916
Ion Ratio Lower Upper
248 100
250 95.8 77.2 115.8
141 67.2 57.8 86.8

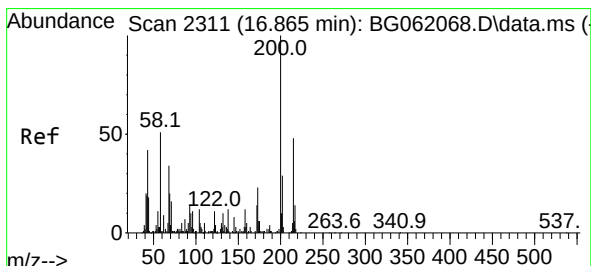
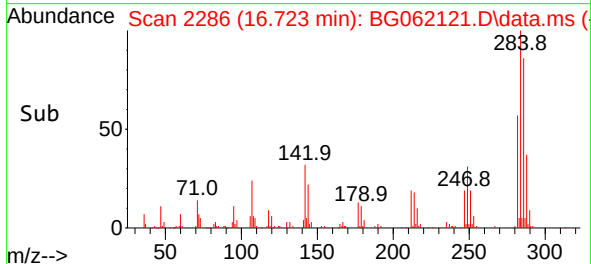
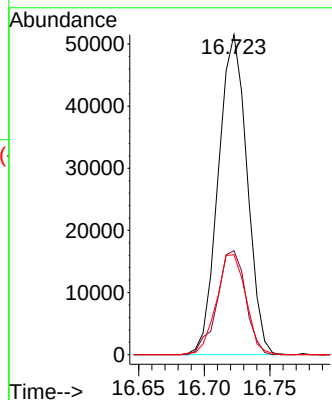
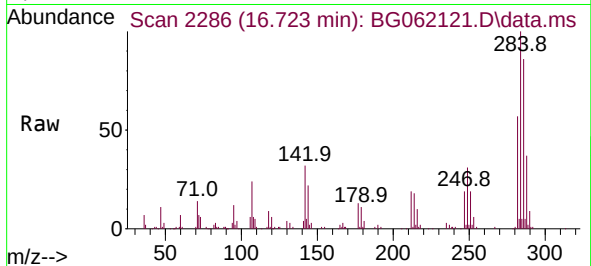




#69
Hexachlorobenzene
Concen: 32.690 ng/ul
RT: 16.723 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

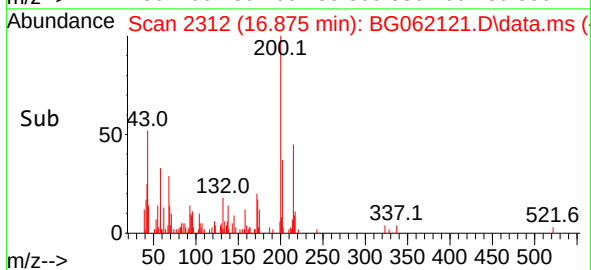
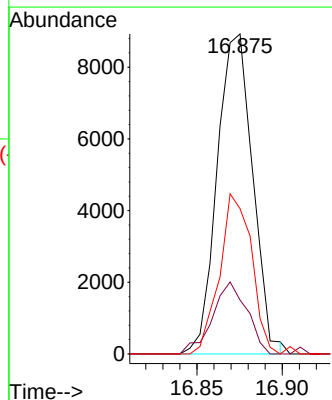
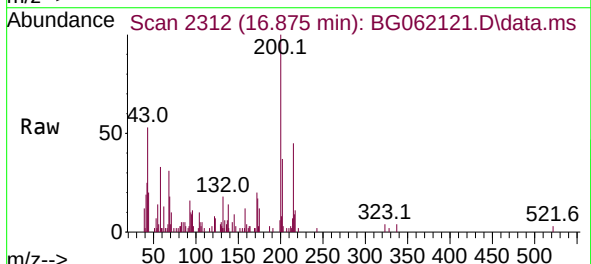
Instrument :
BNA_G
ClientSampleId :
SLCS055

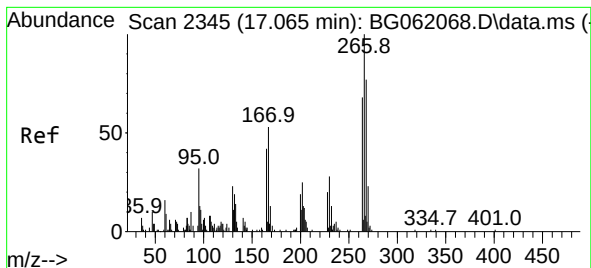
Tgt Ion:284 Resp: 78428
Ion Ratio Lower Upper
284 100
142 30.8 26.4 39.6
249 29.7 27.2 40.8



#70
Atrazine
Concen: 6.517 ng/ul
RT: 16.875 min Scan# 2312
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:200 Resp: 12922
Ion Ratio Lower Upper
200 100
173 16.9 18.7 28.1#
215 45.4 37.8 56.6





#71

Pentachlorophenol

Concen: 8.981 ng/ul

RT: 17.081 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

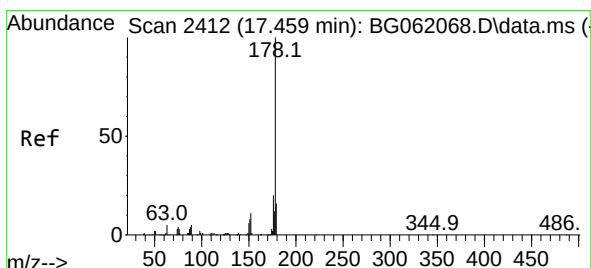
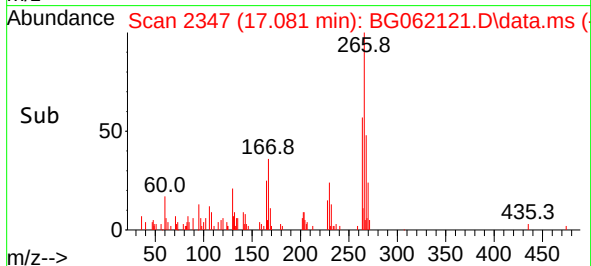
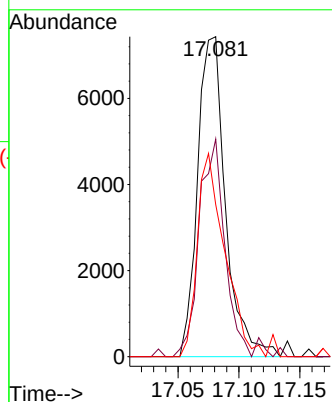
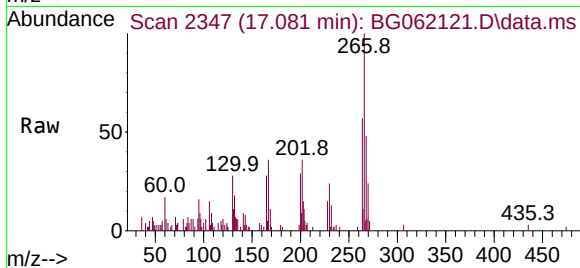
Tgt Ion:266 Resp: 11843

Ion Ratio Lower Upper

266 100

264 68.0 45.0 67.6#

268 53.6 50.5 75.7



#72

Phenanthrene

Concen: 30.132 ng/ul

RT: 17.463 min Scan# 2412

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

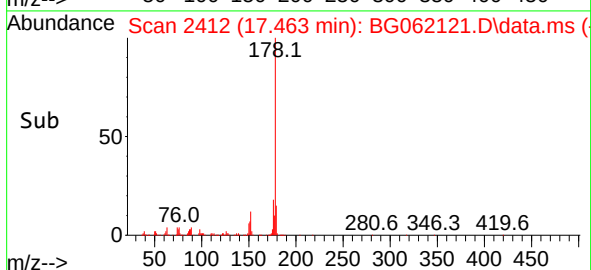
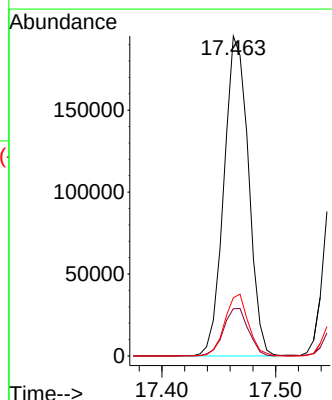
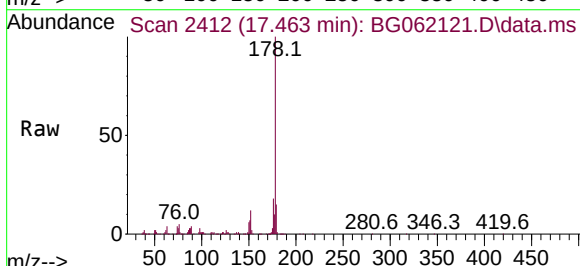
Tgt Ion:178 Resp: 292199

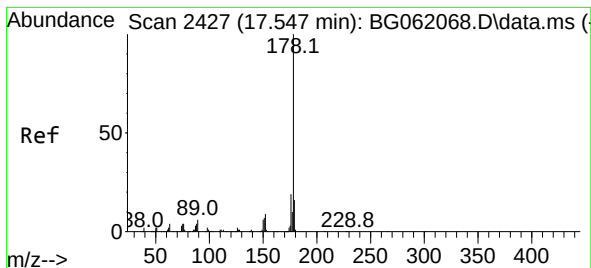
Ion Ratio Lower Upper

178 100

179 14.7 11.9 17.9

176 18.2 15.5 23.3





#74

Anthracene

Concen: 28.319 ng/ul

RT: 17.557 min Scan# 2427

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

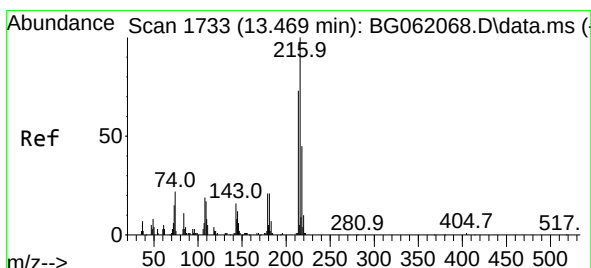
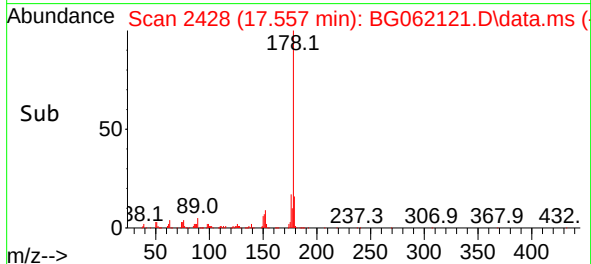
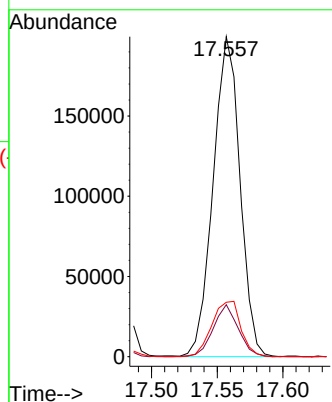
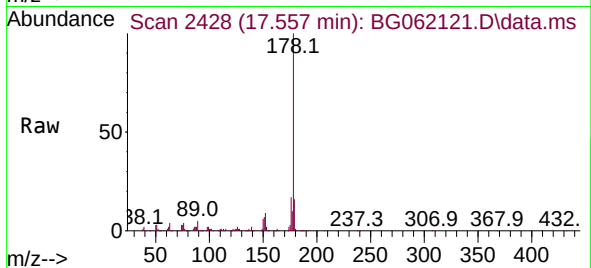
Tgt Ion:178 Resp: 283801

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

176 17.0 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.231 ng/ul

RT: 13.479 min Scan# 1734

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

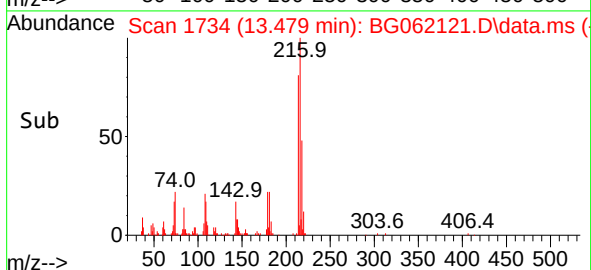
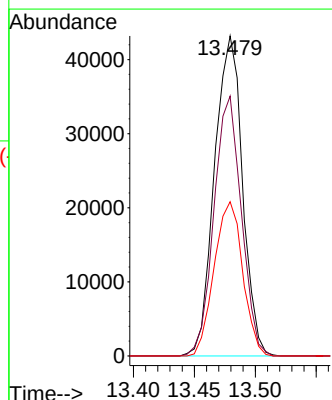
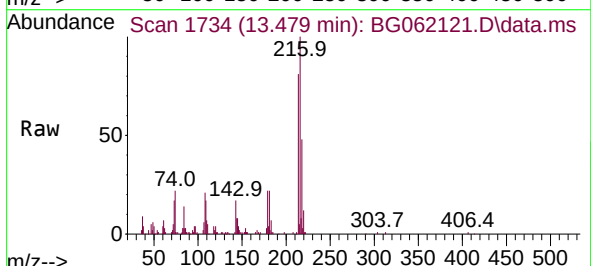
Tgt Ion:216 Resp: 69054

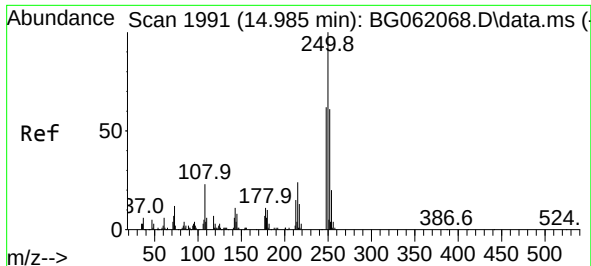
Ion Ratio Lower Upper

216 100

214 81.2 61.7 92.5

218 48.2 35.7 53.5

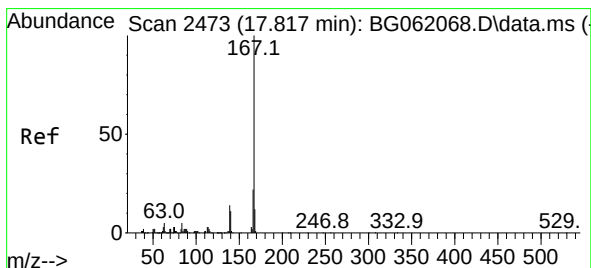
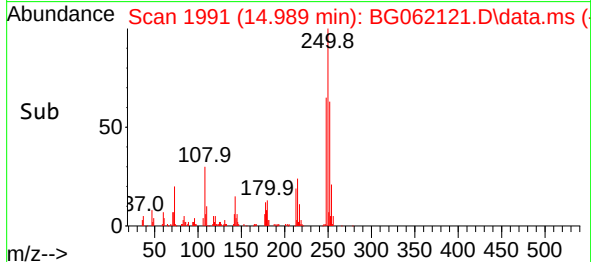
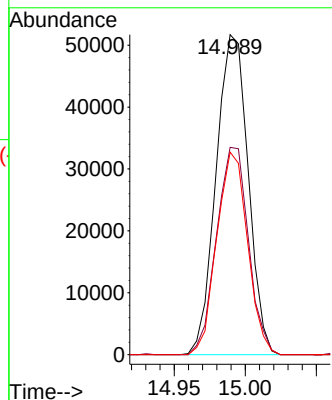
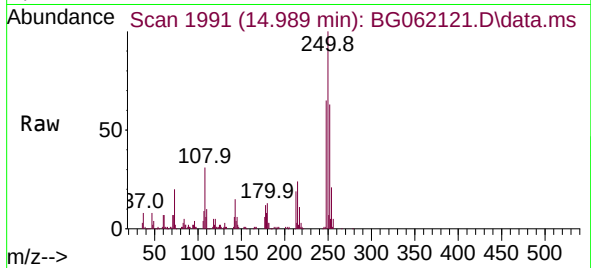




#76
 Pentachlorobenzene
 Concen: 31.187 ng/ul
 RT: 14.989 min Scan# 1991
 Delta R.T. -0.009 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

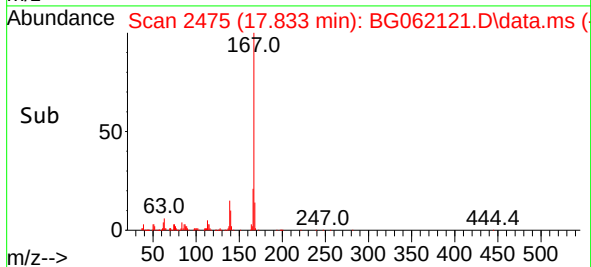
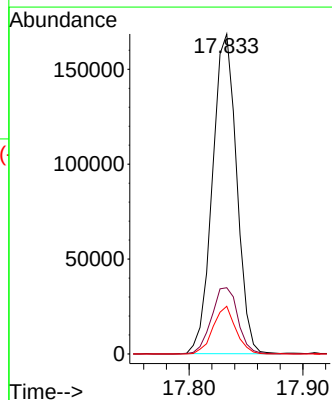
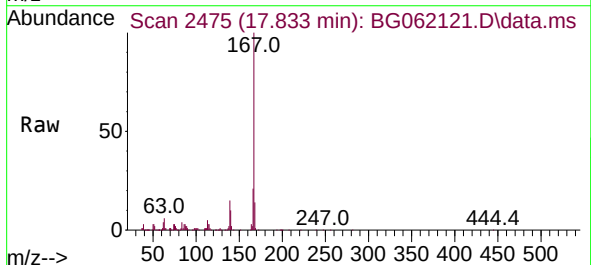
Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

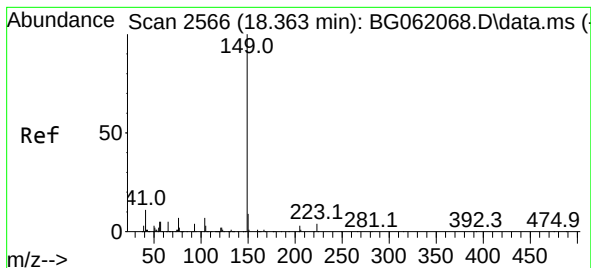
Tgt Ion:250 Resp: 81249
 Ion Ratio Lower Upper
 250 100
 248 64.8 47.5 71.3
 252 63.3 50.0 75.0



#77
 Carbazole
 Concen: 29.555 ng/ul
 RT: 17.833 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG062121.D
 Acq: 17 Jul 2024 20:32

Tgt Ion:167 Resp: 249267
 Ion Ratio Lower Upper
 167 100
 166 20.7 18.2 27.2
 139 14.9 9.6 14.4#





#78

Di-n-butylphthalate

Concen: 28.597 ng/ul

RT: 18.368 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

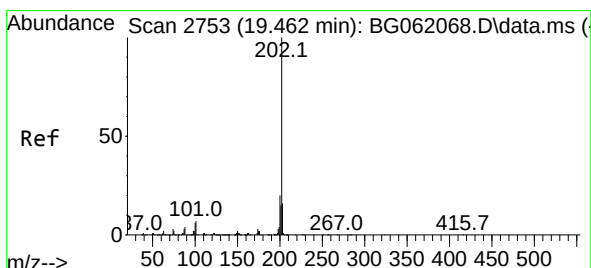
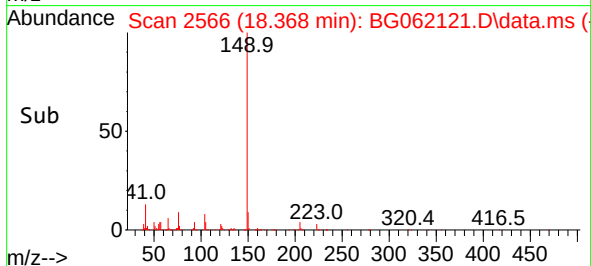
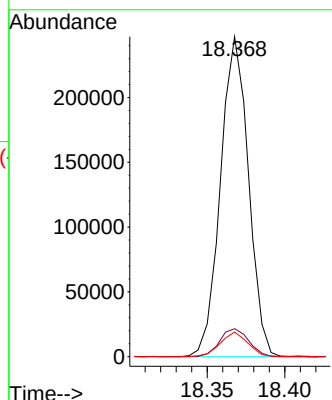
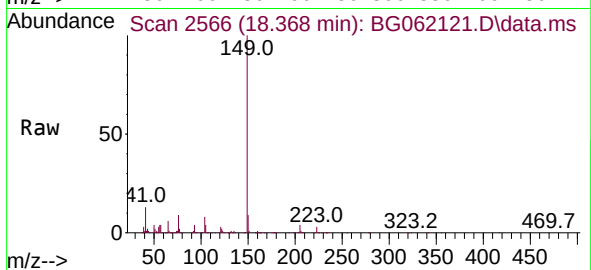
Tgt Ion:149 Resp: 309651

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

104 7.7 5.0 7.4#



#80

Fluoranthene

Concen: 28.944 ng/ul

RT: 19.472 min Scan# 2754

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

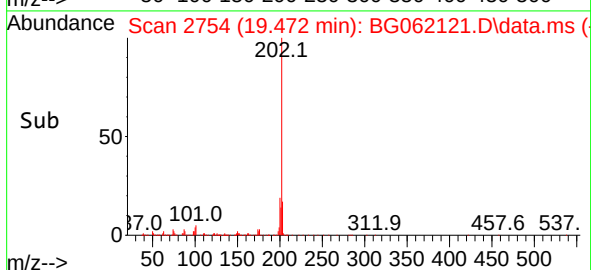
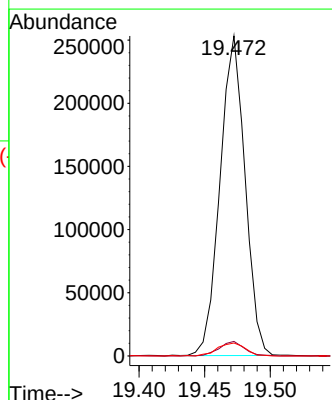
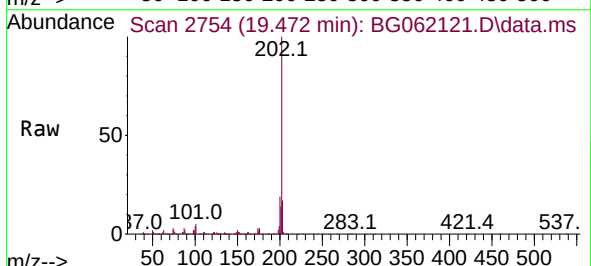
Tgt Ion:202 Resp: 335218

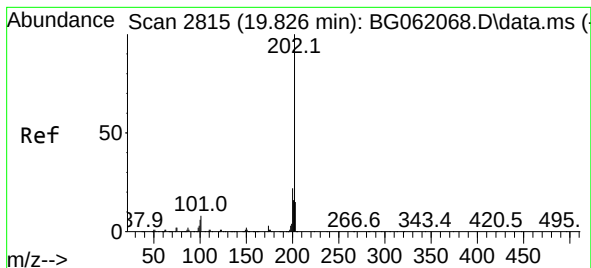
Ion Ratio Lower Upper

202 100

101 4.6 7.4 11.2#

100 4.0 6.6 10.0#





#82

Pyrene

Concen: 29.054 ng/ul

RT: 19.837 min Scan# 2815

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

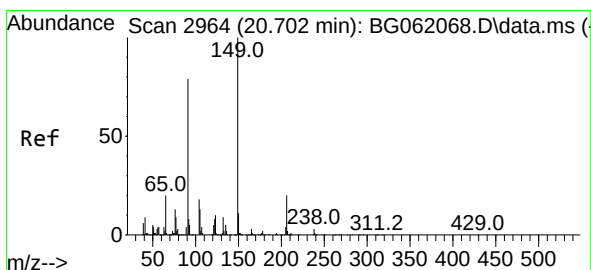
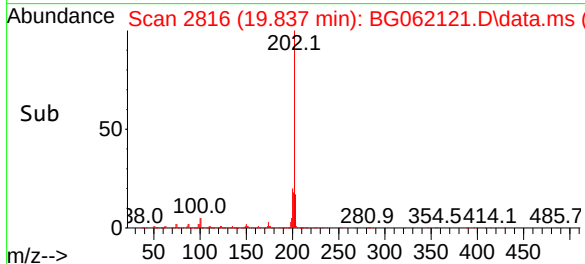
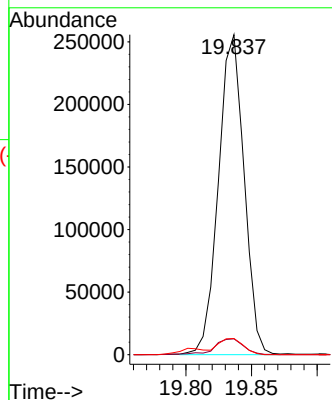
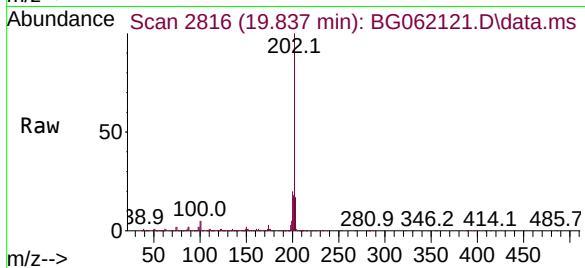
Tgt Ion:202 Resp: 347589

Ion Ratio Lower Upper

202 100

101 4.9 8.8 13.2#

100 5.1 7.6 11.4#



#83

Butylbenzylphthalate

Concen: 26.553 ng/ul

RT: 20.706 min Scan# 2964

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

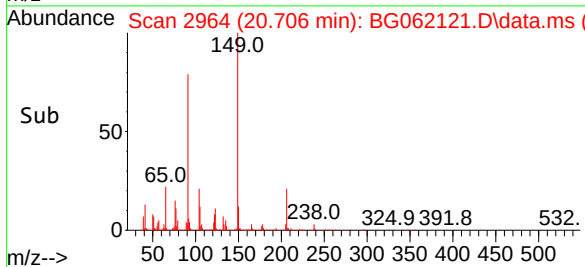
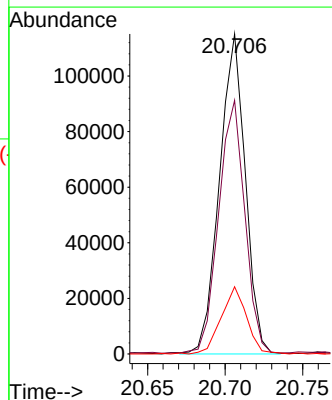
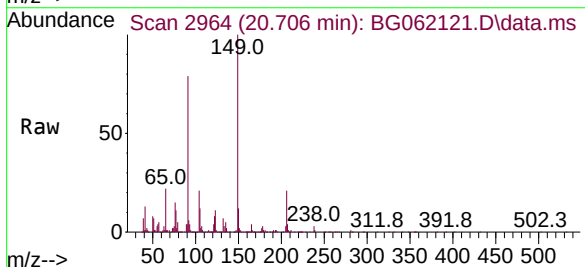
Tgt Ion:149 Resp: 133319

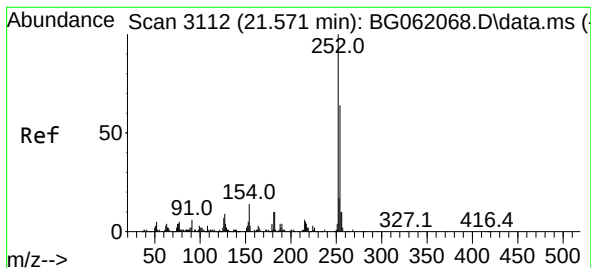
Ion Ratio Lower Upper

149 100

91 79.3 60.6 91.0

206 21.0 14.6 21.8





#84

3,3'-Dichlorobenzidine

Concen: 32.632 ng/ul

RT: 21.582 min Scan# 3113

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

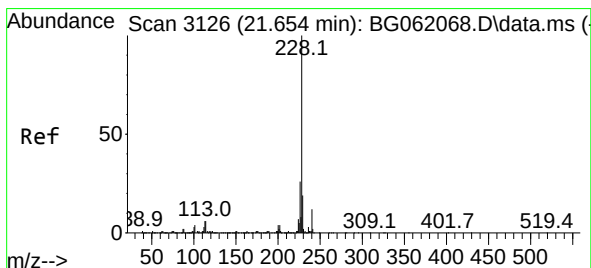
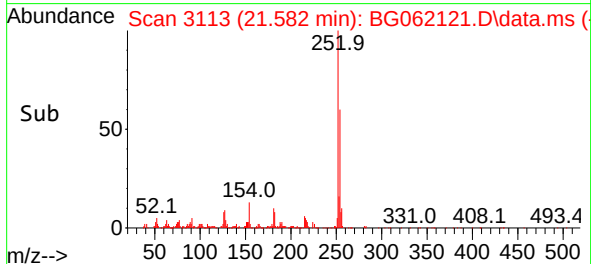
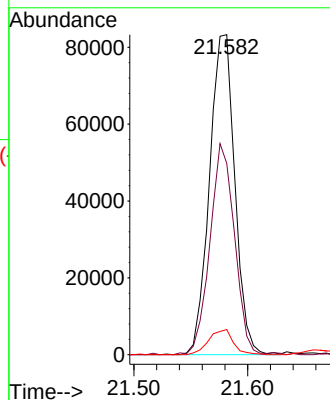
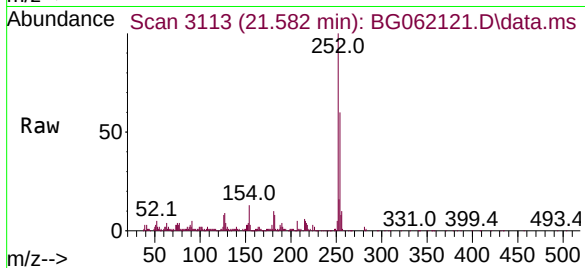
Tgt Ion:252 Resp: 129166

Ion Ratio Lower Upper

252 100

254 59.7 52.8 79.2

126 7.8 6.6 10.0



#85

Benzo(a)anthracene

Concen: 29.004 ng/ul

RT: 21.664 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

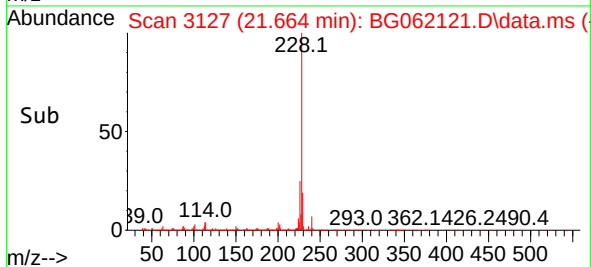
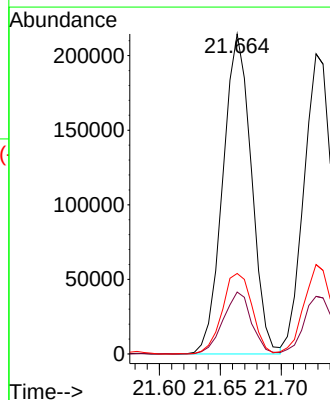
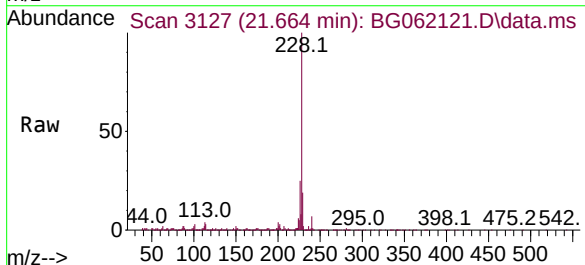
Tgt Ion:228 Resp: 349393

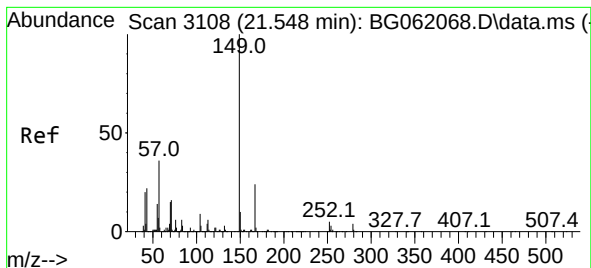
Ion Ratio Lower Upper

228 100

229 19.3 15.7 23.5

226 25.2 21.7 32.5

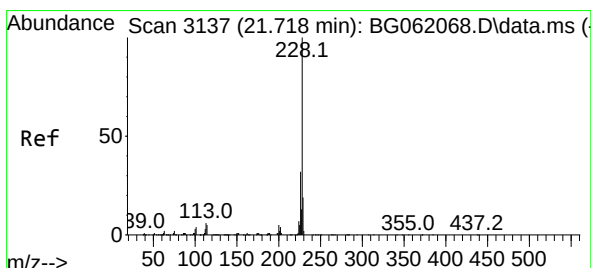
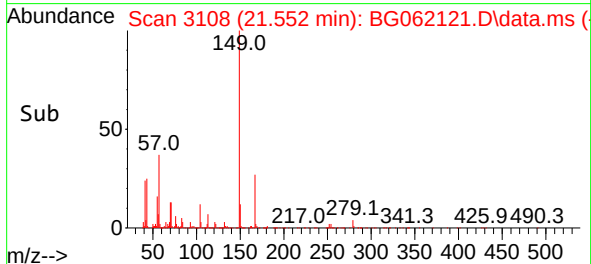
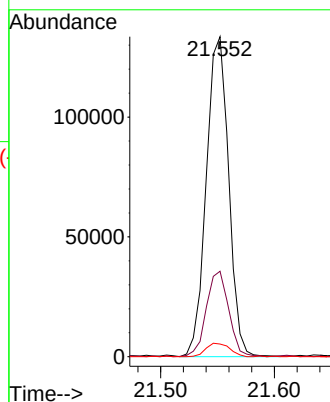
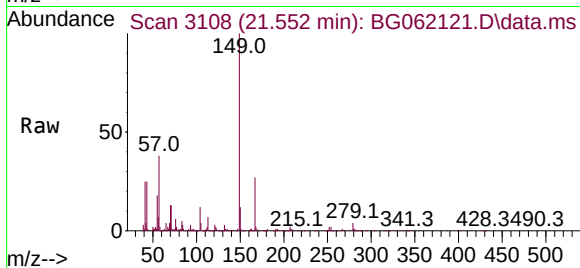




#86
Bis(2-ethylhexyl)phthalate
Concen: 25.357 ng/ul
RT: 21.552 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

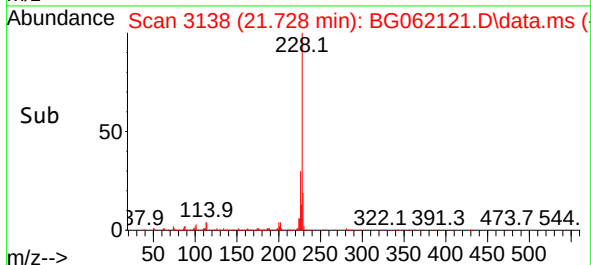
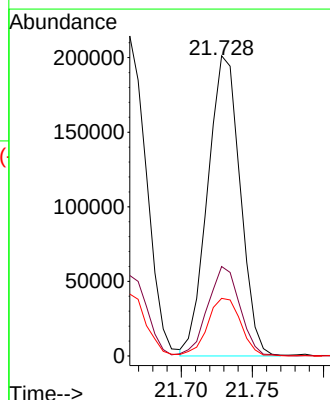
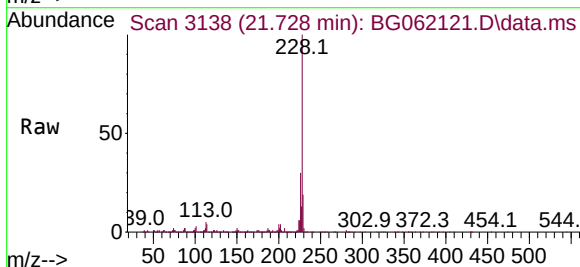
Instrument :
BNA_G
ClientSampleId :
SLCS055

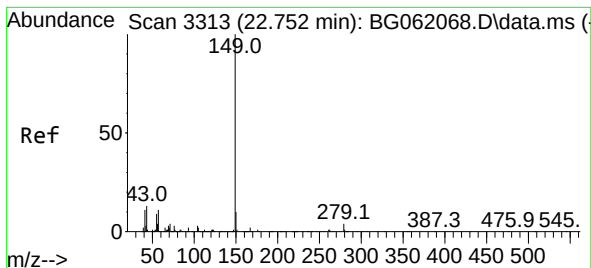
Tgt Ion:149 Resp: 182691
Ion Ratio Lower Upper
149 100
167 26.7 21.7 32.5
279 4.0 2.8 4.2



#87
Chrysene
Concen: 28.481 ng/ul
RT: 21.728 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:228 Resp: 321187
Ion Ratio Lower Upper
228 100
226 29.8 23.3 34.9
229 19.2 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 26.726 ng/ul

RT: 22.757 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

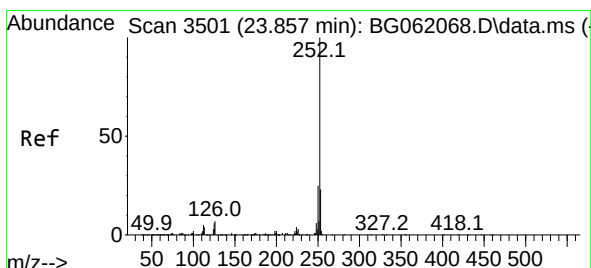
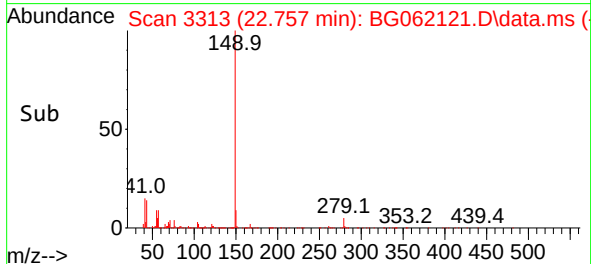
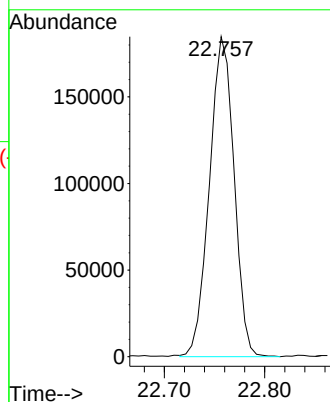
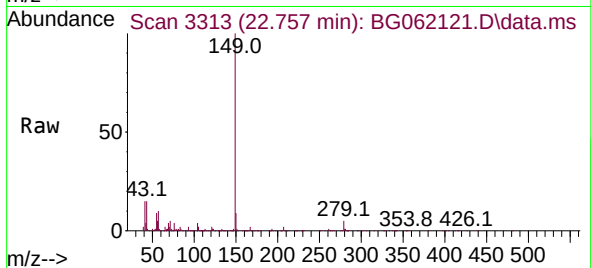
Instrument :

BNA_G

ClientSampleId :

SLCS055

Tgt Ion:149 Resp: 315715



#90

Benzo(b)fluoranthene

Concen: 29.613 ng/ul

RT: 23.879 min Scan# 3504

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

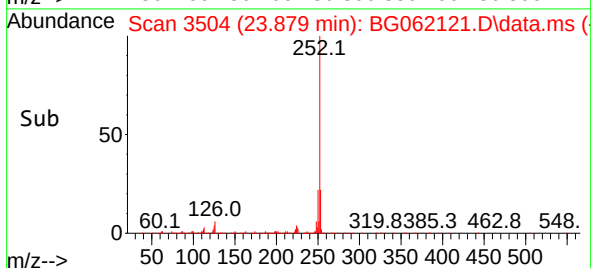
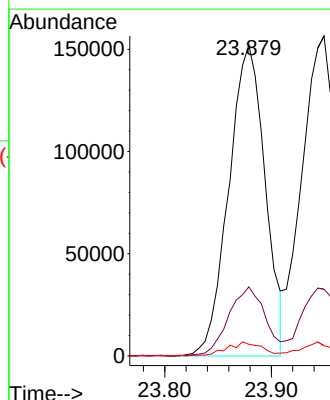
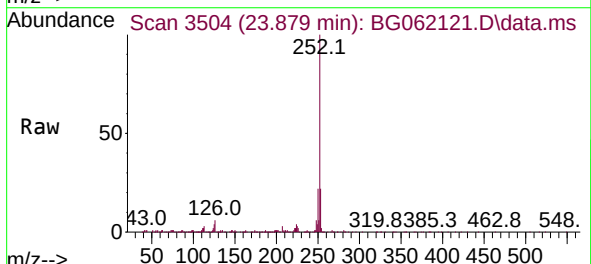
Tgt Ion:252 Resp: 360757

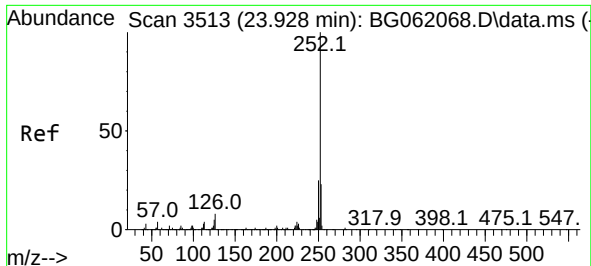
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 3.7 6.1 9.1#

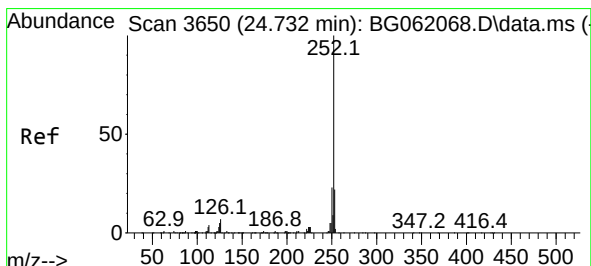
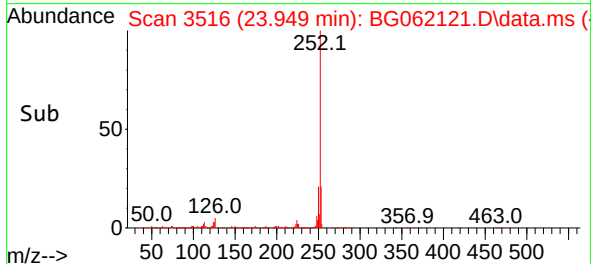
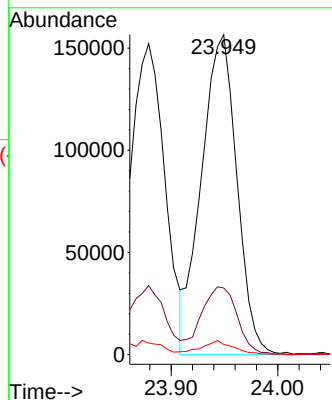
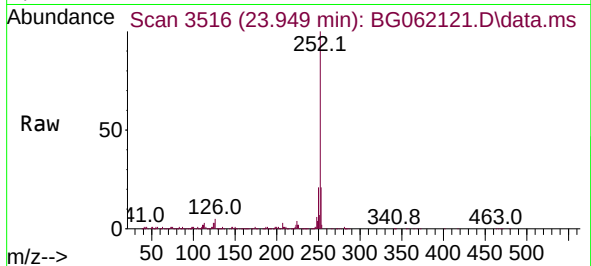




#91
Benzo(k)fluoranthene
Concen: 29.765 ng/ul
RT: 23.949 min Scan# 3516
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

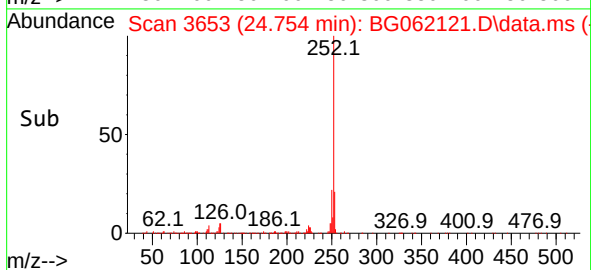
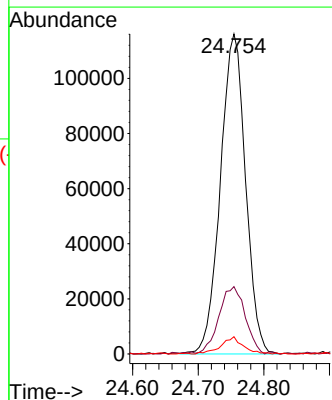
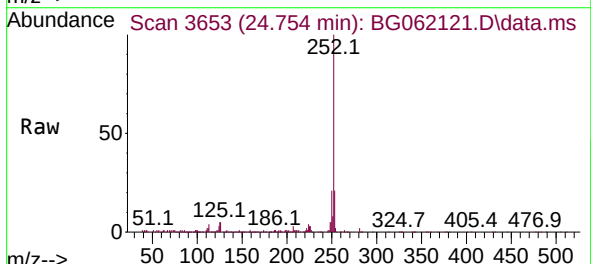
Instrument :
BNA_G
ClientSampleId :
SLCS055

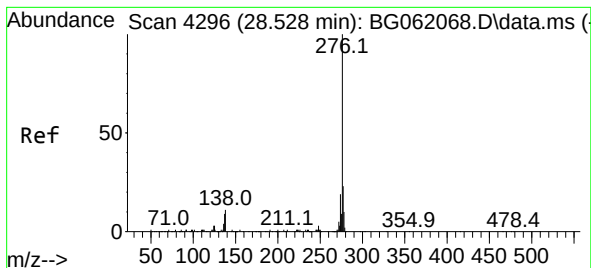
Tgt Ion:252 Resp: 361600
Ion Ratio Lower Upper
252 100
253 20.8 19.3 28.9
125 3.2 6.3 9.5#



#93
Benzo(a)pyrene
Concen: 26.776 ng/ul
RT: 24.754 min Scan# 3653
Delta R.T. -0.003 min
Lab File: BG062121.D
Acq: 17 Jul 2024 20:32

Tgt Ion:252 Resp: 308892
Ion Ratio Lower Upper
252 100
253 21.1 16.5 24.7
125 5.4 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.158 ng/ul

RT: 28.579 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055

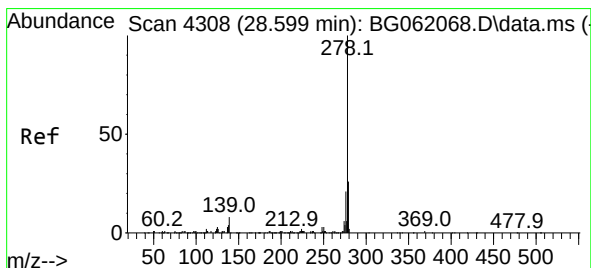
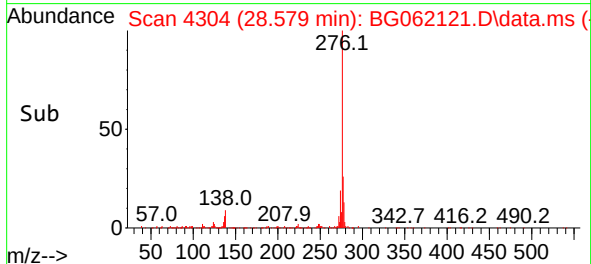
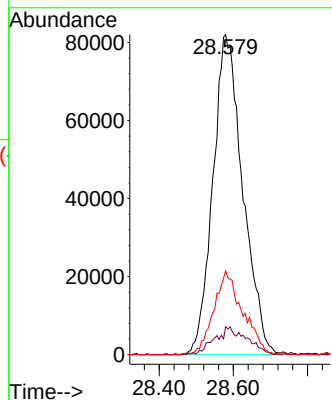
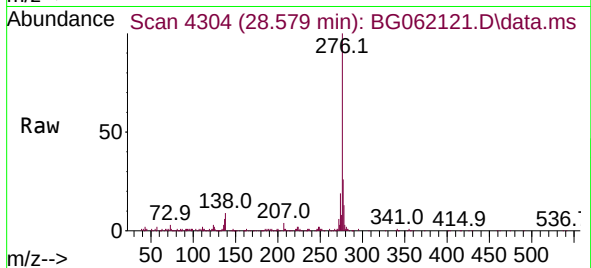
Tgt Ion:276 Resp: 459330

Ion Ratio Lower Upper

276 100

138 8.8 11.9 17.9#

277 26.1 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 31.199 ng/ul

RT: 28.638 min Scan# 4314

Delta R.T. -0.003 min

Lab File: BG062121.D

Acq: 17 Jul 2024 20:32

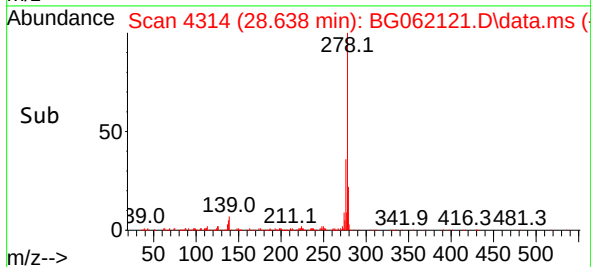
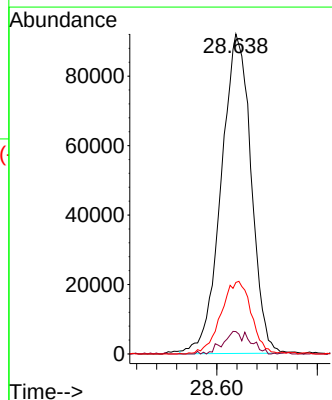
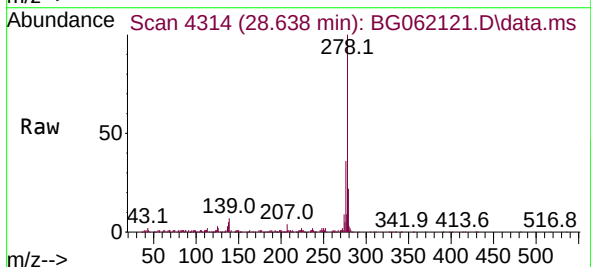
Tgt Ion:278 Resp: 379861

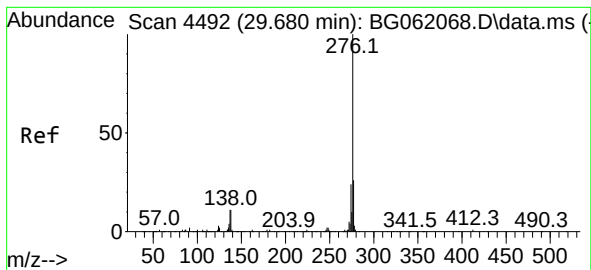
Ion Ratio Lower Upper

278 100

139 7.0 7.6 11.4#

279 22.4 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 30.207 ng/ul

RT: 29.743 min Scan# 4

Delta R.T. -0.009 min

Lab File: BG062121.D

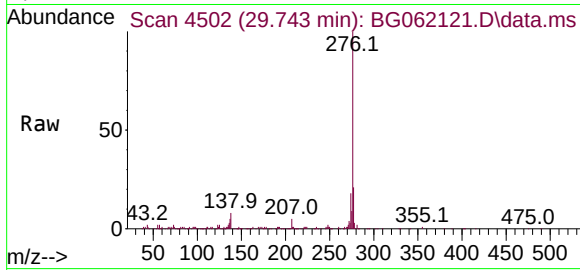
Acq: 17 Jul 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SLCS055



Tgt Ion:276 Resp: 354276

Ion Ratio Lower Upper

276 100

138 7.8 11.1 16.7#

277 21.2 18.8 28.2

