

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061802.D
 Acq On : 29 Jun 2024 11:55
 Operator : MA/JU
 Sample : PB161592BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS592

Quant Time: Jul 01 00:52:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	78259	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	373704	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	244017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	548749	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	437238	20.000	ng/u1	0.00
88) Perylene-d12	24.903	264	510251	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	12984	5.993	ng/uL	0.00
4) Pyridine-d5	3.869	84	175489	26.793	ng/u1	0.00
7) Phenol-d5	7.207	99	258316	30.405	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	152312	28.759	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	176222	30.227	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	191089	29.095	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	91822	36.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	105034	40.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	195115	32.064	ng/u1	0.00
31) 4-Chloroaniline-d4	10.996	131	252351	27.390	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	587150	31.268	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	667885	32.455	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	99538	30.865	ng/u1	0.01
60) Fluorene-d10	15.679	176	521166	31.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	86451	36.843	ng/u1	0.00
73) Anthracene-d10	17.530	188	793972	31.698	ng/u1	0.00
81) Pyrene-d10	19.809	212	862447	35.313	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	808373	33.171	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	24962	9.272	ng/uL#	74
5) Pyridine	3.893	79	181309	25.750	ng/u1	93
6) Benzaldehyde	7.189	77	143570m	34.341	ng/u1	
8) Phenol	7.230	94	257498	28.802	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.471	93	189614	28.178	ng/u1	97
12) 2-Chlorophenol	7.618	128	182872	31.265	ng/u1	98
13) 2-Methylphenol	8.493	108	178713	28.571	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	396668	28.854	ng/u1	96
16) Acetophenone	8.881	105	297406	27.500	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.863	70	157114	27.045	ng/u1#	89
18) 4-Methylphenol	8.822	108	197111	28.128	ng/u1	95
19) Hexachloroethane	9.140	117	73767	31.454	ng/u1#	91
22) Nitrobenzene	9.263	77	247555	33.866	ng/u1	96
23) Isophorone	9.786	82	469303	27.917	ng/u1	98
25) 2-Nitrophenol	9.974	139	102802	38.254	ng/u1#	81
26) 2,4-Dimethylphenol	10.027	107	179210	23.844	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.268	93	276435	29.068	ng/u1	95
29) 2,4-Dichlorophenol	10.509	162	179414	32.180	ng/u1	96
30) Naphthalene	10.920	128	599702	28.680	ng/u1	95
32) 4-Chloroaniline	11.026	127	225689	24.700	ng/u1	96
33) Hexachlorobutadiene	11.196	225	128408	33.342	ng/u1	93
34) Caprolactam	11.789	113	62945m	27.303	ng/u1	
35) 4-Chloro-3-methylphenol	12.136	107	232585	29.832	ng/u1	93
36) 2-Methylnaphthalene	12.518	142	428131	29.017	ng/u1	94

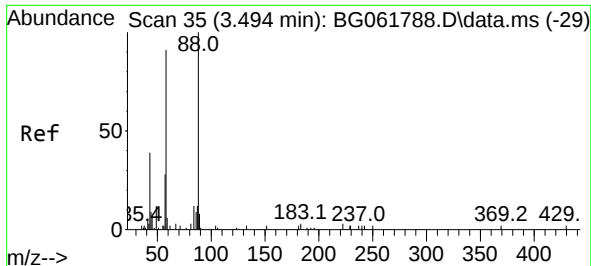
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.735	142	431265	27.394	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.882	216	235805	34.145	ng/ul	97
40) Hexachlorocyclopentadiene	12.853	237	74121	18.039	ng/ul	96
41) 2,4,6-Trichlorophenol	13.117	196	149850	33.632	ng/ul	90
42) 2,4,5-Trichlorophenol	13.188	196	165059	33.987	ng/ul	89
43) 1,1'-Biphenyl	13.523	154	575230	32.543	ng/ul	99
44) 2-Chloronaphthalene	13.564	162	438667	32.308	ng/ul	98
45) 2-Nitroaniline	13.769	65	186193	40.058	ng/ul	95
47) Dimethylphthalate	14.140	163	553567	29.687	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	122066	39.449	ng/ul#	93
50) Acenaphthylene	14.410	152	693134	30.173	ng/ul	99
51) 3-Nitroaniline	14.592	138	123224	38.887	ng/ul#	94
52) Acenaphthene	14.751	153	482482	30.328	ng/ul	96
53) 2,4-Dinitrophenol	14.792	184	48678	30.957	ng/ul#	87
55) 4-Nitrophenol	14.892	109	104374	31.340	ng/ul	97
56) Dibenzofuran	15.086	168	685645	30.798	ng/ul	95
57) 2,4-Dinitrotoluene	15.044	165	174596	38.013	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.303	232	137751	28.927	ng/ul	94
59) Diethylphthalate	15.497	149	577539	30.072	ng/ul	96
61) Fluorene	15.732	166	562521	30.532	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.726	204	283477	30.994	ng/ul	96
63) 4-Nitroaniline	15.749	138	130766	38.953	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.802	198	92423	34.774	ng/ul#	99
67) N-Nitrosodiphenylamine	15.938	169	474244	33.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.619	248	193575	34.260	ng/ul	96
69) Hexachlorobenzene	16.731	284	230674	33.642	ng/ul	94
70) Atrazine	16.883	200	98267	17.337	ng/ul	94
71) Pentachlorophenol	17.071	266	109894	26.311	ng/ul	95
72) Phenanthrene	17.471	178	900830	31.204	ng/ul	98
74) Anthracene	17.565	178	901668	30.542	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	231095	37.799	ng/ul	97
76) Pentachlorobenzene	14.997	250	260419	35.470	ng/ul	94
77) Carbazole	17.829	167	797656	31.821	ng/ul	97
78) Di-n-butylphthalate	18.388	149	1001127	33.393	ng/ul	98
80) Fluoranthene	19.480	202	994555	35.096	ng/ul	97
82) Pyrene	19.839	202	1039394	34.495	ng/ul	96
83) Butylbenzylphthalate	20.726	149	430527	39.243	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.590	252	326038	35.266	ng/ul	95
85) Benzo(a)anthracene	21.672	228	977449	31.847	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.584	149	603341	37.413	ng/ul	95
87) Chrysene	21.737	228	929833	32.017	ng/ul	98
89) Di-n-octyl phthalate	22.800	149	1030187	38.279	ng/ul	100
90) Benzo(b)fluoranthene	23.887	252	1019571	33.240	ng/ul	97
91) Benzo(k)fluoranthene	23.958	252	979508	31.051	ng/ul	99
93) Benzo(a)pyrene	24.757	252	877132	29.704	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.576	276	1242014	33.753	ng/ul	99
95) Dibenzo(a,h)anthracene	28.646	278	1018799	33.296	ng/ul	98
96) Benzo(g,h,i)perylene	29.715	276	957998	32.297	ng/ul	98

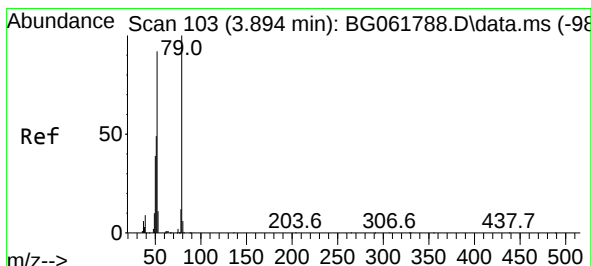
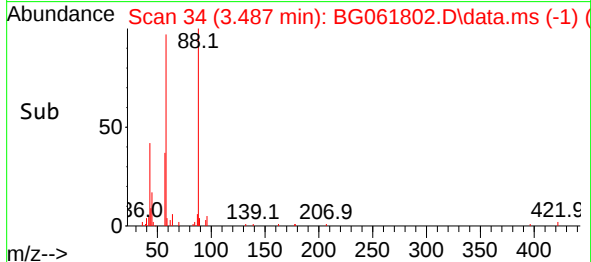
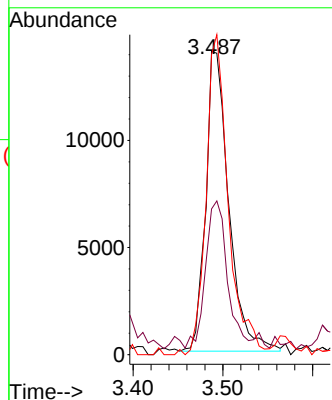
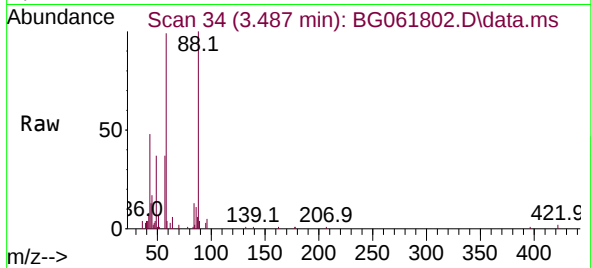
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#2
1,4-Dioxane
Concen: 9.272 ng/uL
RT: 3.487 min Scan# 34
Delta R.T. -0.001 min
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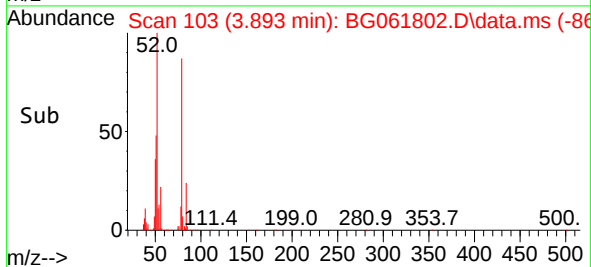
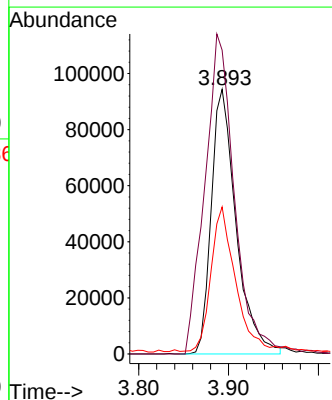
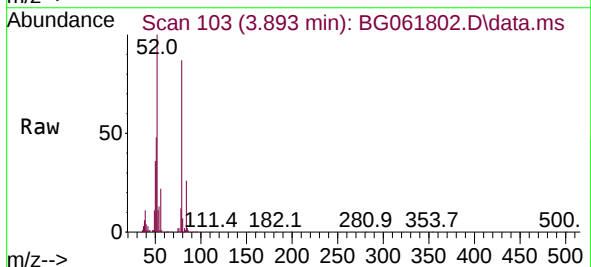
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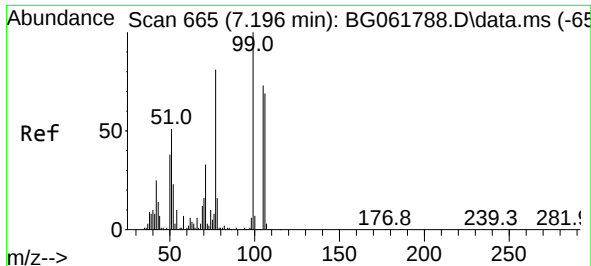
Tgt Ion: 88 Resp: 24962
Ion Ratio Lower Upper
88 100
43 48.1 24.1 36.1#
58 99.0 63.0 94.6#



#5
Pyridine
Concen: 25.750 ng/uL
RT: 3.893 min Scan# 103
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 79 Resp: 181309
Ion Ratio Lower Upper
79 100
52 114.8 84.4 126.6
51 55.6 43.0 64.6

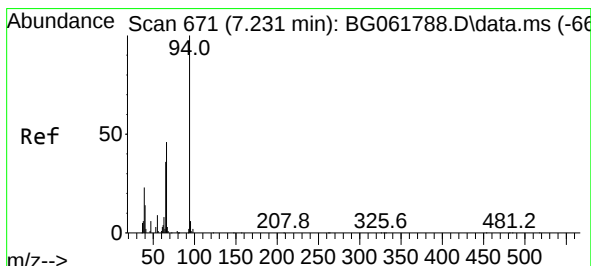
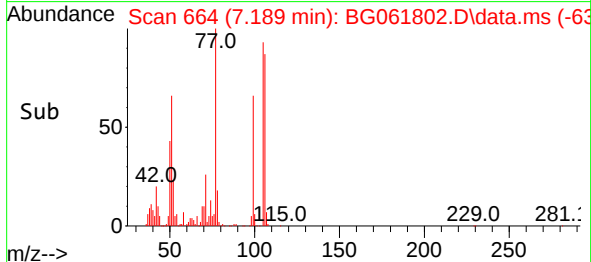
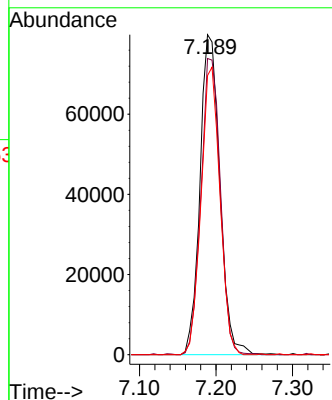
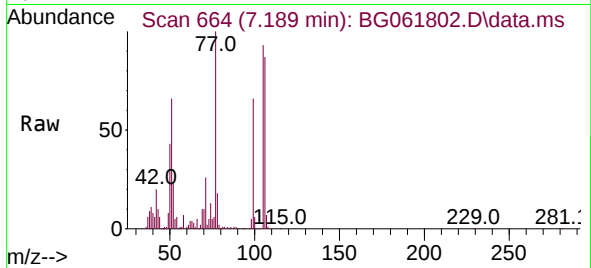




#6
Benzaldehyde
Concen: 34.341 ng/ul m
RT: 7.189 min Scan# 665
Delta R.T. -0.007 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

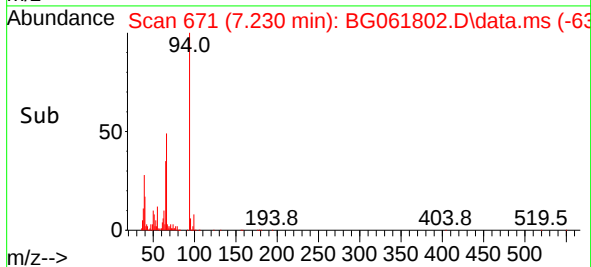
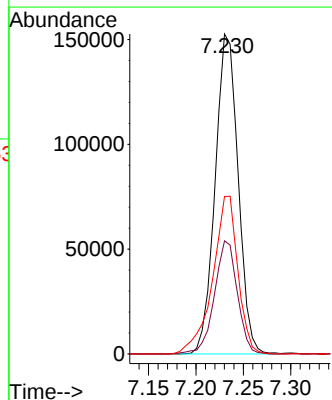
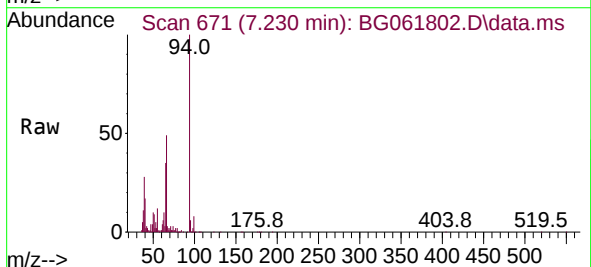
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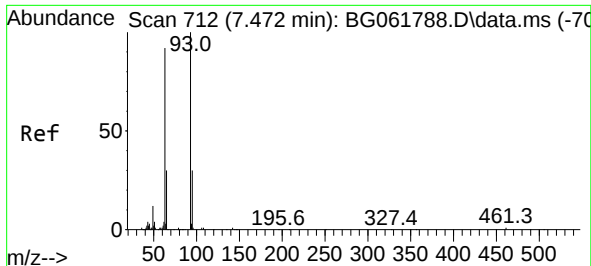
Tgt Ion: 77 Resp: 143570
Ion Ratio Lower Upper
77 100
105 92.5 71.0 106.6
106 87.3 63.5 95.3



#8
Phenol
Concen: 28.802 ng/ul
RT: 7.230 min Scan# 671
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 94 Resp: 257498
Ion Ratio Lower Upper
94 100
65 35.4 25.8 38.6
66 49.2 36.9 55.3

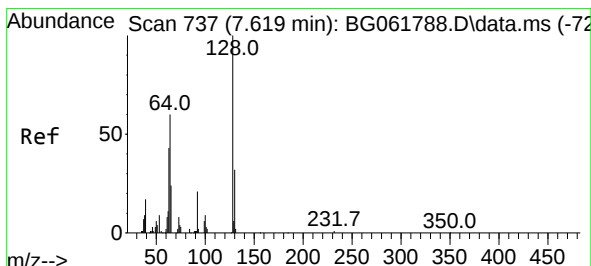
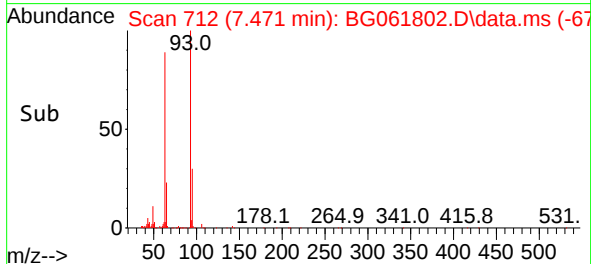
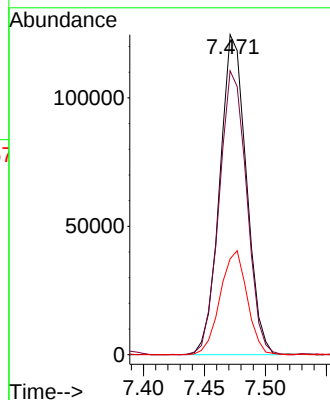
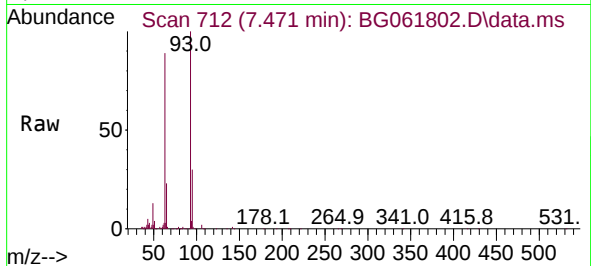




#10
Bis(2-Chloroethyl)ether
Concen: 28.178 ng/ul
RT: 7.471 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

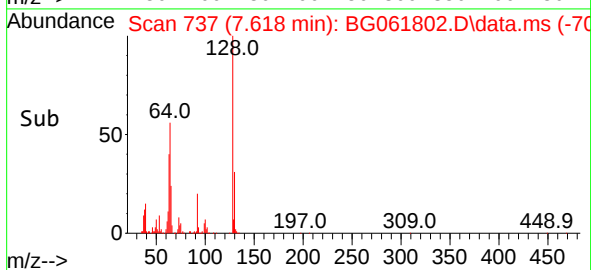
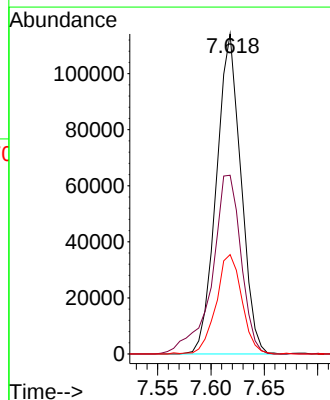
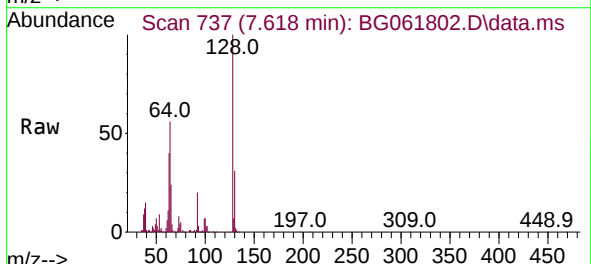
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ClientSampleId :
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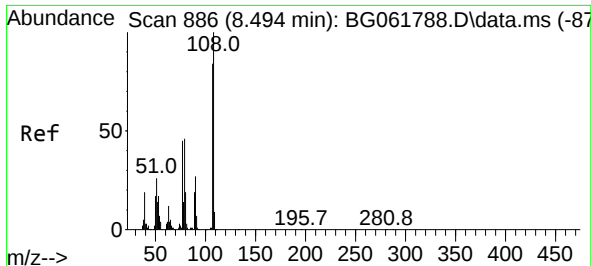
Tgt Ion: 93 Resp: 189614
Ion Ratio Lower Upper
93 100
63 88.7 72.5 108.7
95 29.9 21.8 32.8



#12
2-Chlorophenol
Concen: 31.265 ng/ul
RT: 7.618 min Scan# 737
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:128 Resp: 182872
Ion Ratio Lower Upper
128 100
64 55.8 43.2 64.8
130 31.0 24.1 36.1

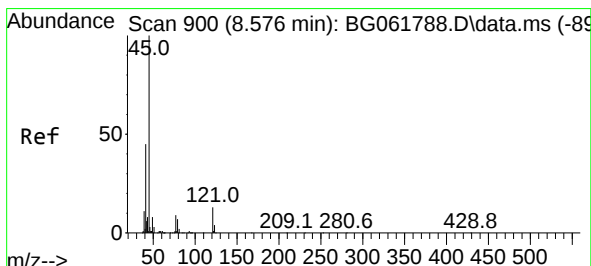
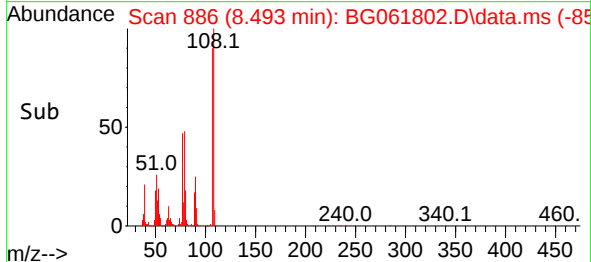
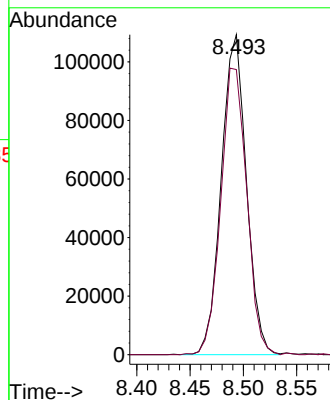
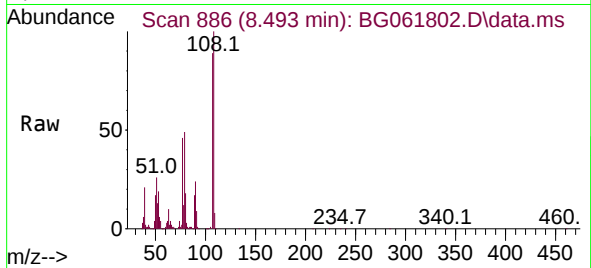




#13
2-Methylphenol
Concen: 28.571 ng/ul
RT: 8.493 min Scan# 886
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

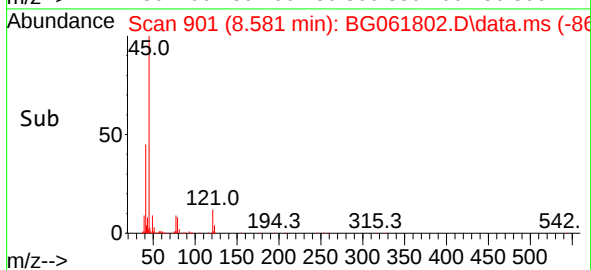
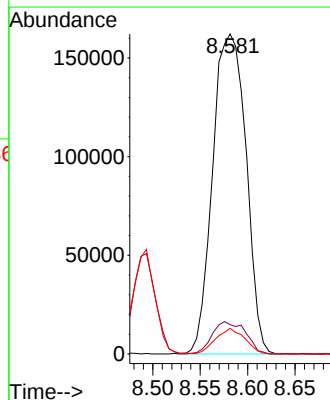
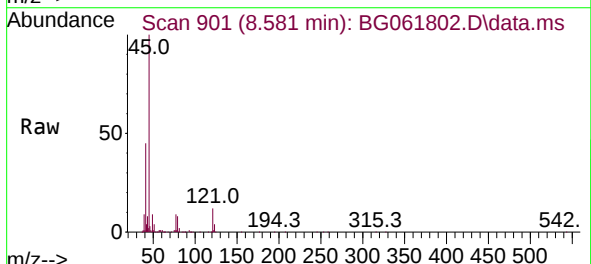
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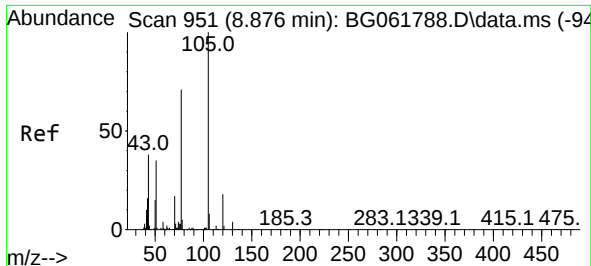
Tgt Ion:108 Resp: 178713
Ion Ratio Lower Upper
108 100
107 89.1 69.0 103.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.854 ng/ul
RT: 8.581 min Scan# 901
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 45 Resp: 396668
Ion Ratio Lower Upper
45 100
77 9.1 8.9 13.3
79 8.0 5.8 8.8

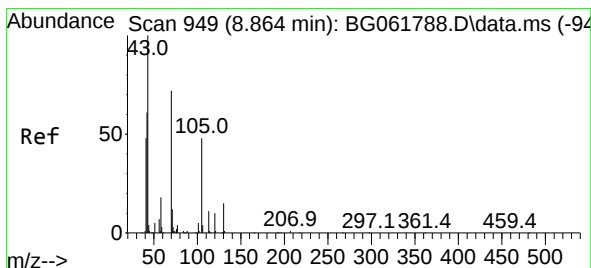
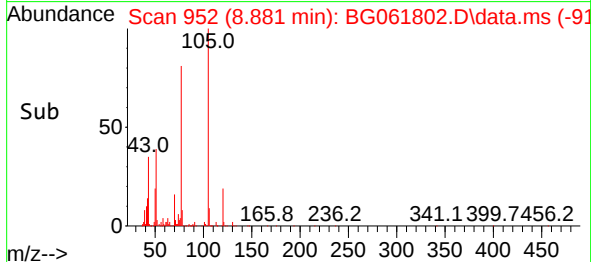
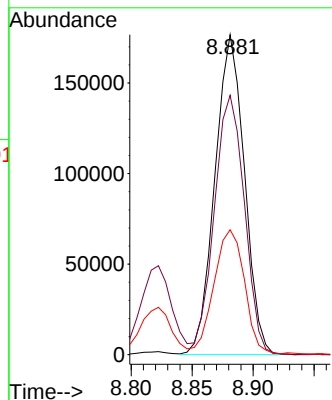
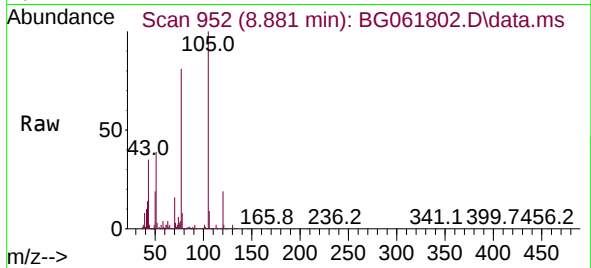




#16
Acetophenone
Concen: 27.500 ng/ul
RT: 8.881 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG061802.D
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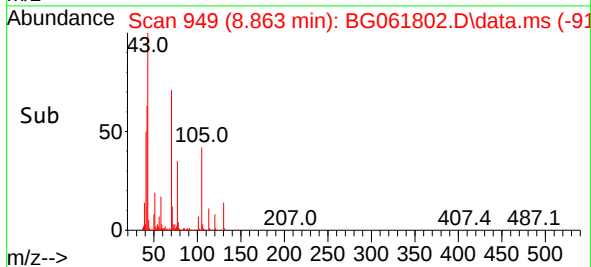
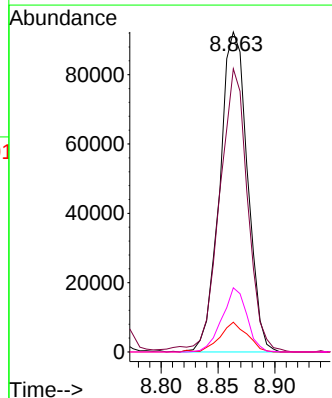
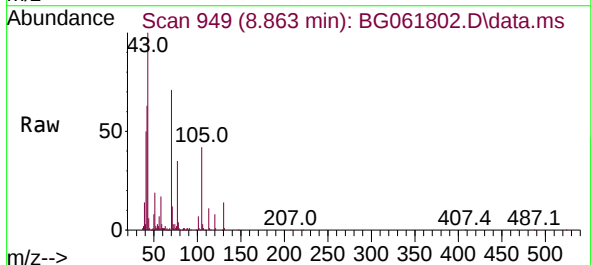
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ClientSampleId :
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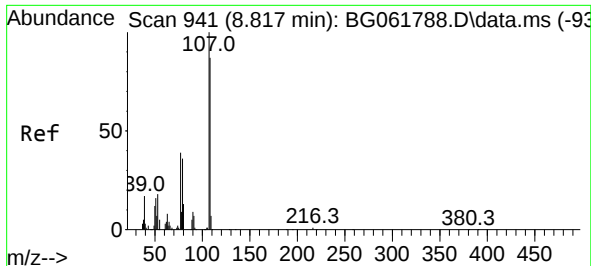
Tgt Ion:105 Resp: 297406
Ion Ratio Lower Upper
105 100
77 81.1 60.4 90.6
51 39.0 31.1 46.7



#17
N-Nitroso-di-n-propylamine
Concen: 27.045 ng/ul
RT: 8.863 min Scan# 949
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 70 Resp: 157114
Ion Ratio Lower Upper
70 100
42 88.5 62.7 94.1
101 9.3 5.8 8.8#
130 20.0 13.3 19.9#

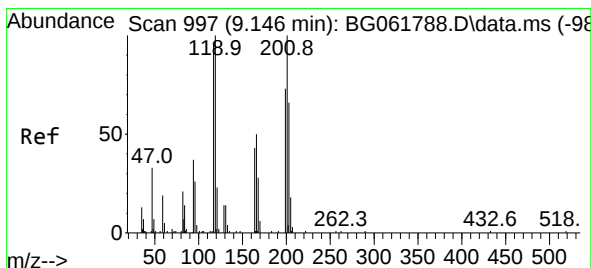
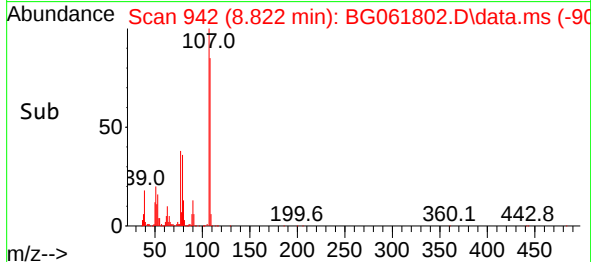
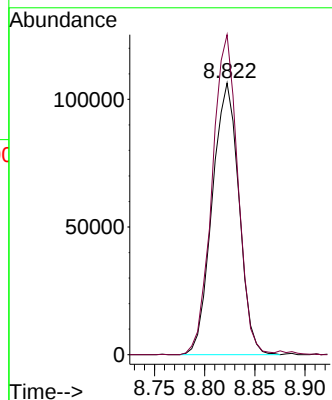
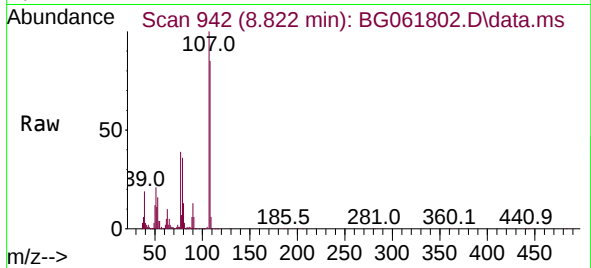




#18
4-Methylphenol
Concen: 28.128 ng/ul
RT: 8.822 min Scan# 941
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

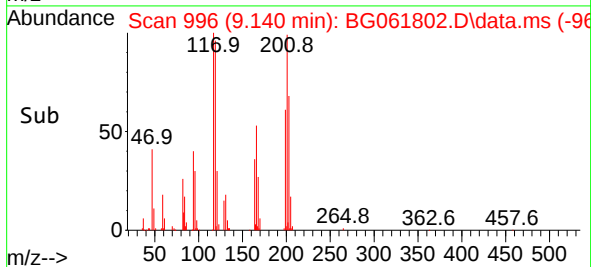
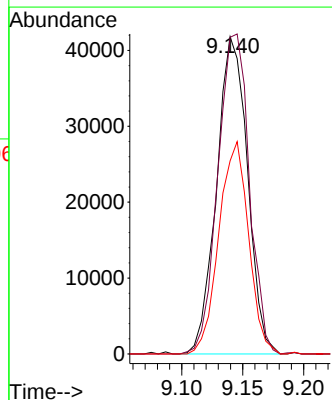
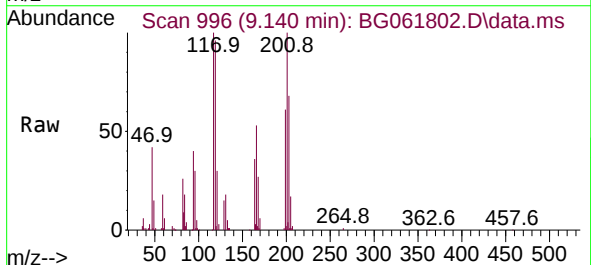
Instrument :
BNA_G
ClientSampleId :
SLCS592

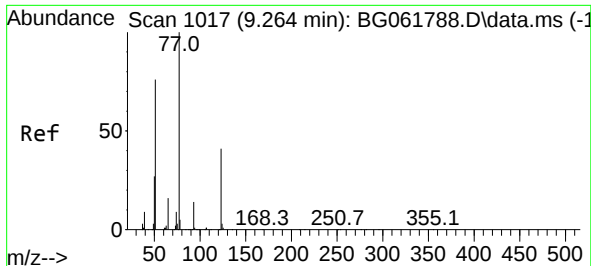
Tgt Ion:108 Resp: 197111
Ion Ratio Lower Upper
108 100
107 117.8 90.2 135.2



#19
Hexachloroethane
Concen: 31.454 ng/ul
RT: 9.140 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:117 Resp: 73767
Ion Ratio Lower Upper
117 100
201 99.8 79.3 118.9
199 60.8 61.9 92.9#

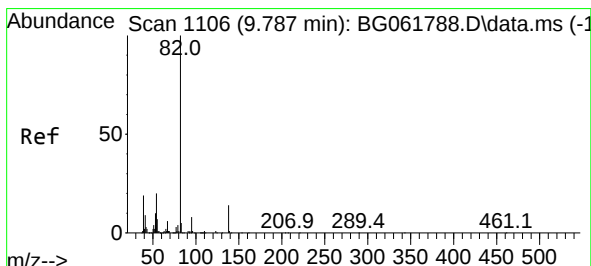
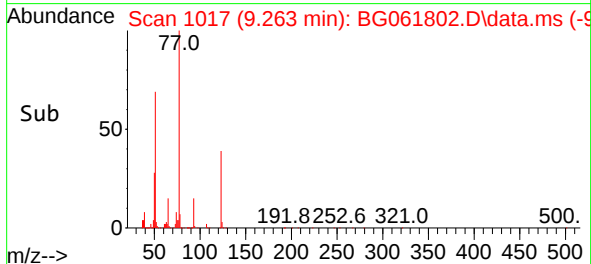
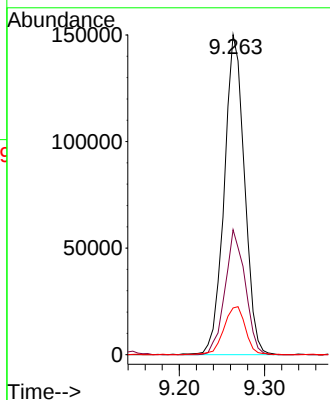
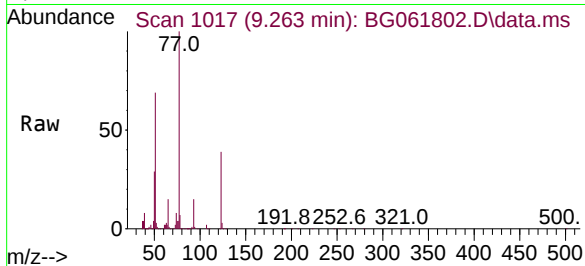




#22
Nitrobenzene
Concen: 33.866 ng/ul
RT: 9.263 min Scan# 1017
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

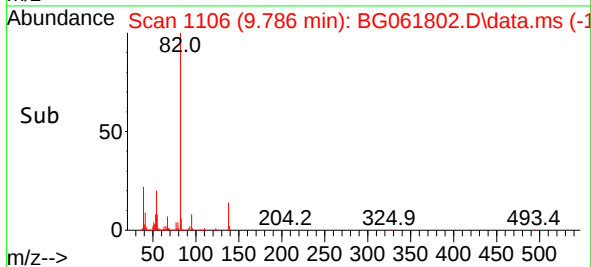
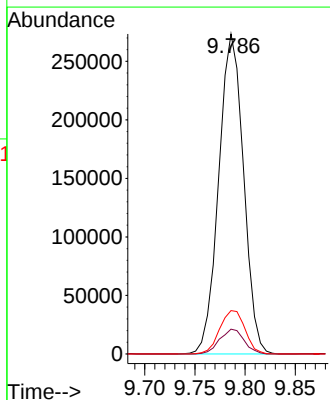
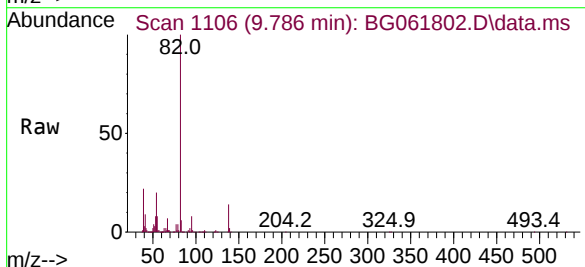
Instrument :
BNA_G
ClientSampleId :
SLCS592

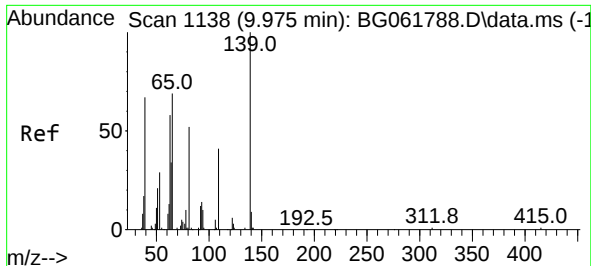
Tgt Ion: 77 Resp: 247555
Ion Ratio Lower Upper
77 100
123 39.1 29.0 43.6
65 14.6 11.0 16.6



#23
Isophorone
Concen: 27.917 ng/ul
RT: 9.786 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 82 Resp: 469303
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 13.6 11.7 17.5

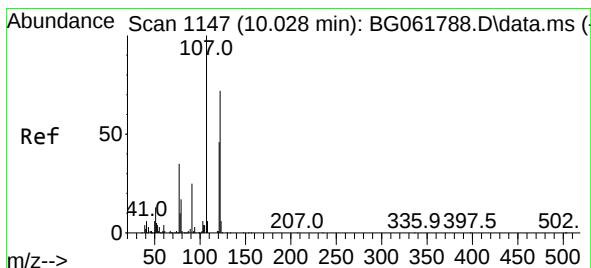
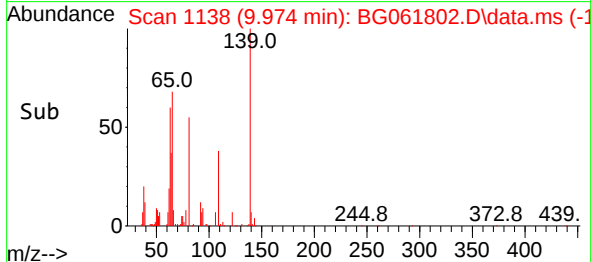
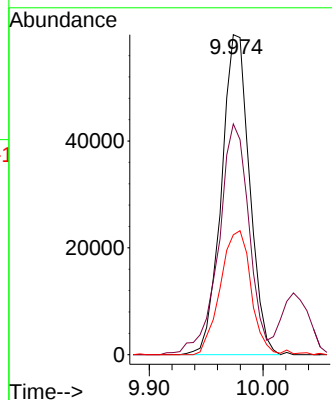
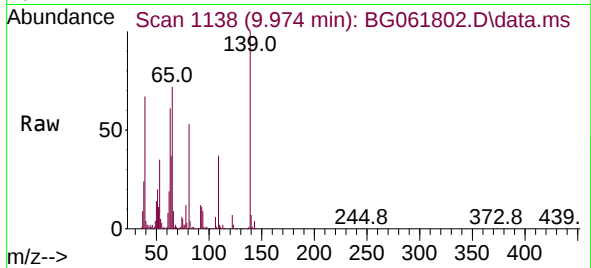




#25
2-Nitrophenol
Concen: 38.254 ng/ul
RT: 9.974 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

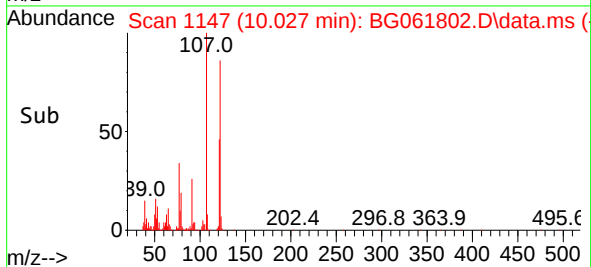
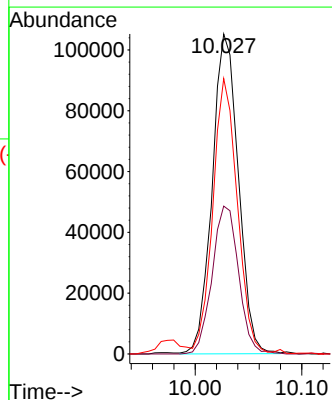
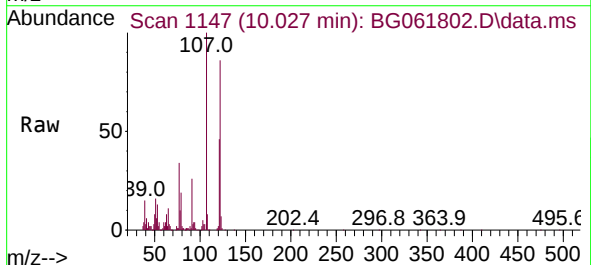
Instrument :
BNA_G
ClientSampleId :
SLCS592

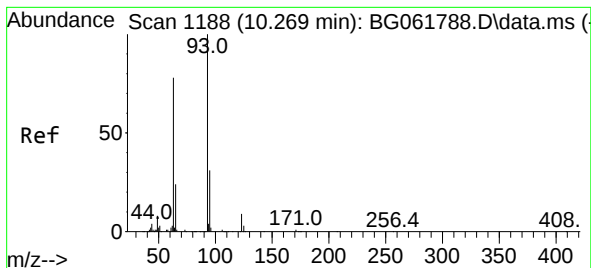
Tgt Ion:139 Resp: 102802
Ion Ratio Lower Upper
139 100
65 72.1 42.2 63.4#
109 37.5 27.0 40.4



#26
2,4-Dimethylphenol
Concen: 23.844 ng/ul
RT: 10.027 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:107 Resp: 179210
Ion Ratio Lower Upper
107 100
121 46.2 34.5 51.7
122 86.1 60.3 90.5



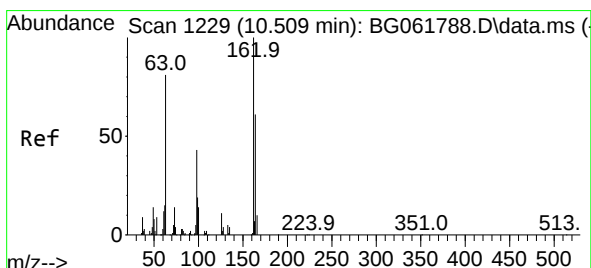
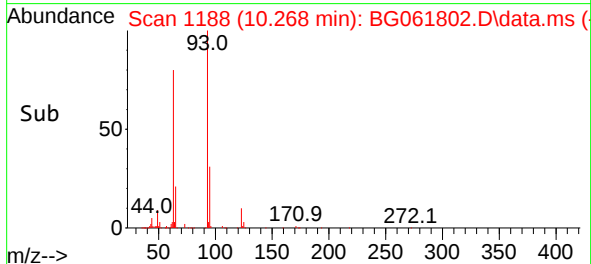
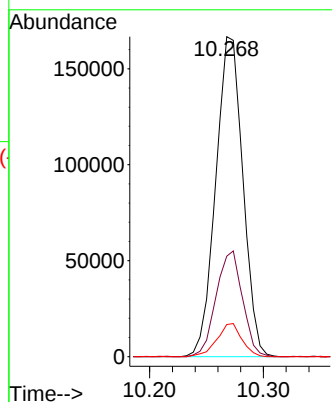
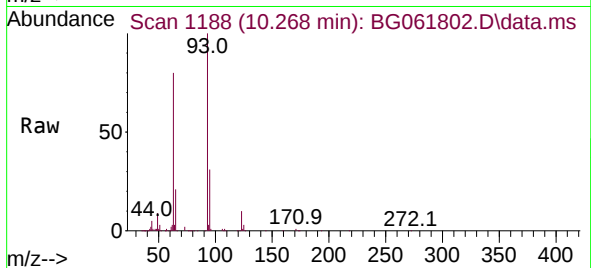


#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.068 ng/ul
 RT: 10.268 min Scan# 1188
 Delta R.T. -0.007 min
 Lab File: BG061802.D
 Acq: 29 Jun 2024 11:55

Instrument :
 BNA_G
 ClientSampleId :
 SLCS592

Tgt Ion: 93 Resp: 276435

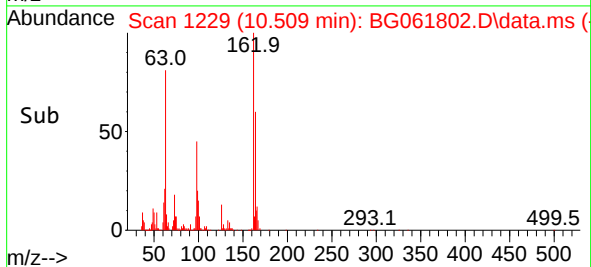
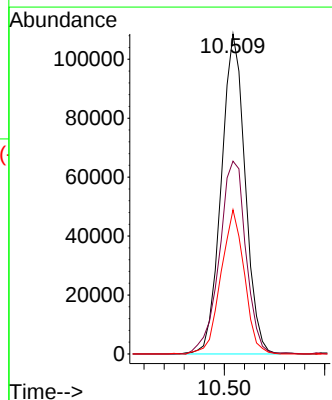
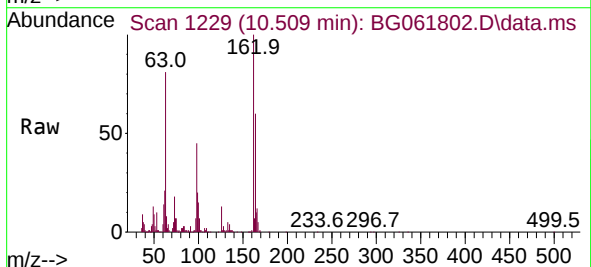
Ion	Ratio	Lower	Upper
93	100		
95	31.4	27.4	41.2
123	10.1	6.7	10.1

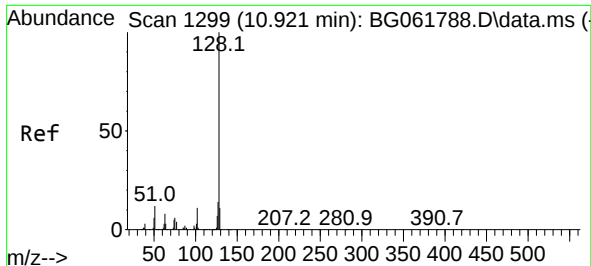


#29
 2,4-Dichlorophenol
 Concen: 32.180 ng/ul
 RT: 10.509 min Scan# 1229
 Delta R.T. -0.001 min
 Lab File: BG061802.D
 Acq: 29 Jun 2024 11:55

Tgt Ion:162 Resp: 179414

Ion	Ratio	Lower	Upper
162	100		
164	60.2	51.7	77.5
98	45.1	34.9	52.3

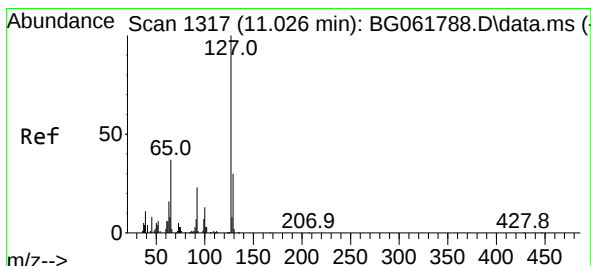
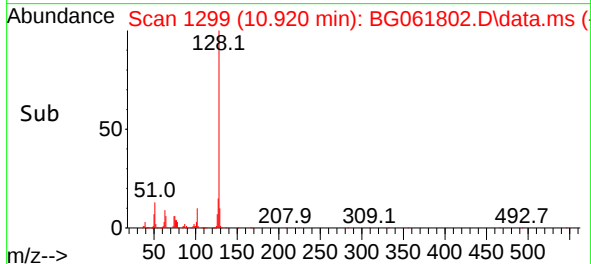
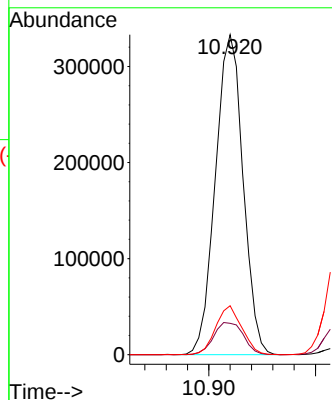
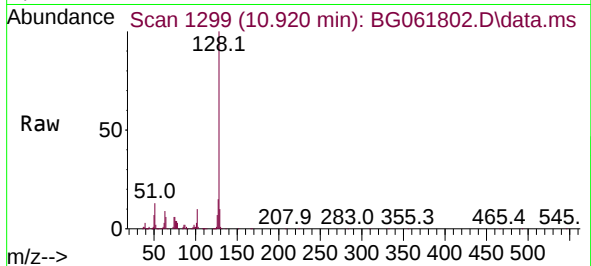




#30
Naphthalene
Concen: 28.680 ng/ul
RT: 10.920 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

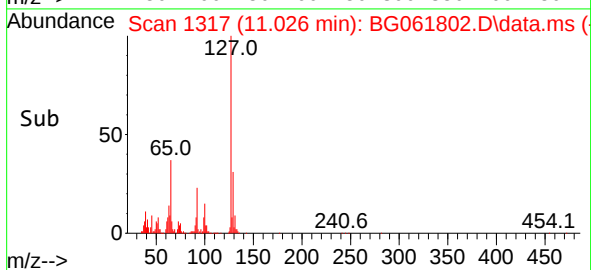
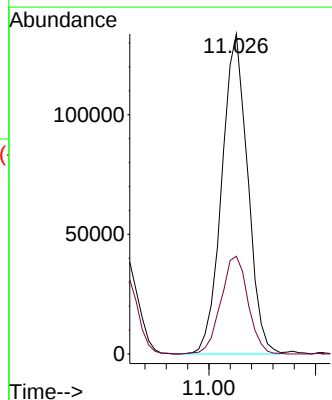
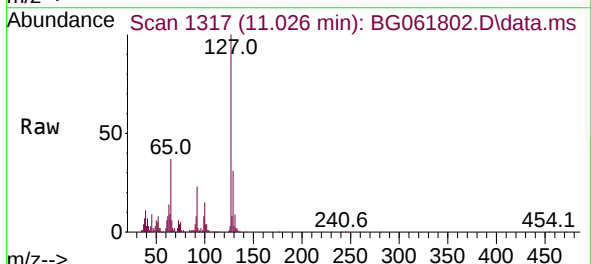
Instrument :
BNA_G
ClientSampleId :
SLCS592

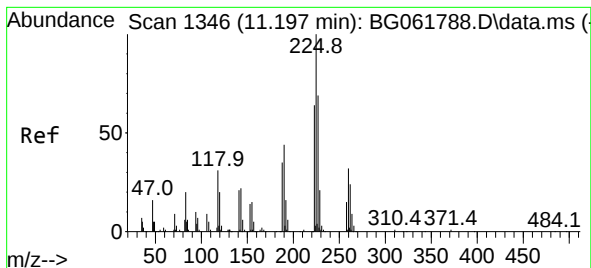
Tgt Ion:128 Resp: 599702
Ion Ratio Lower Upper
128 100
129 9.8 9.0 13.6
127 15.3 10.5 15.7



#32
4-Chloroaniline
Concen: 24.700 ng/ul
RT: 11.026 min Scan# 1317
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:127 Resp: 225689
Ion Ratio Lower Upper
127 100
129 30.6 22.9 34.3

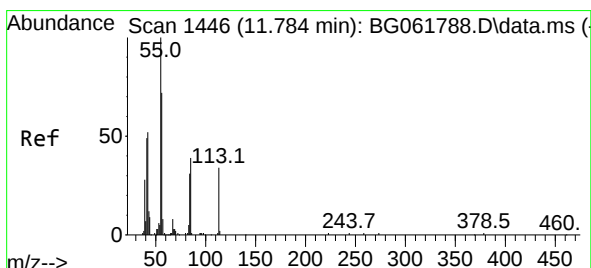
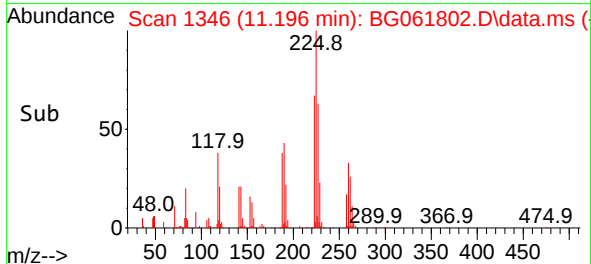
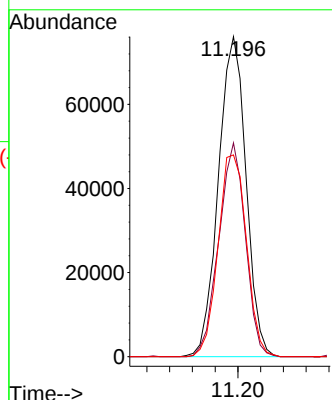
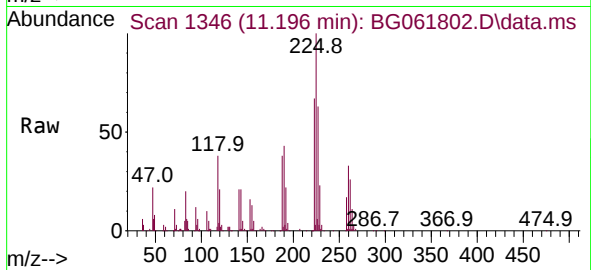




#33
Hexachlorobutadiene
Concen: 33.342 ng/ul
RT: 11.196 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

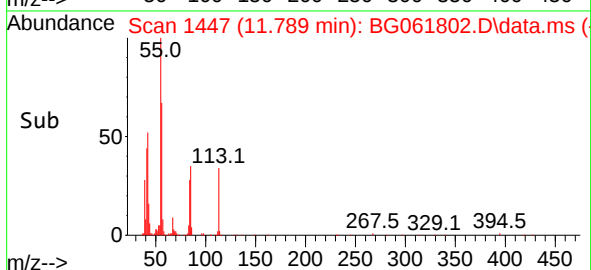
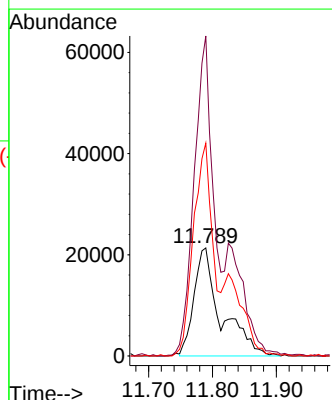
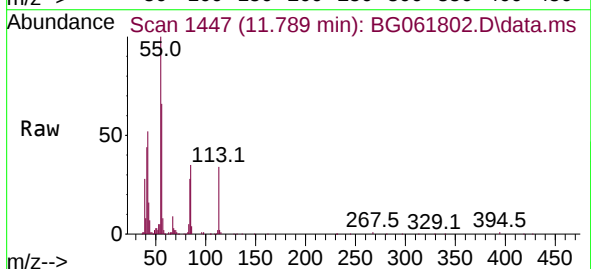
Instrument :
BNA_G
ClientSampleId :
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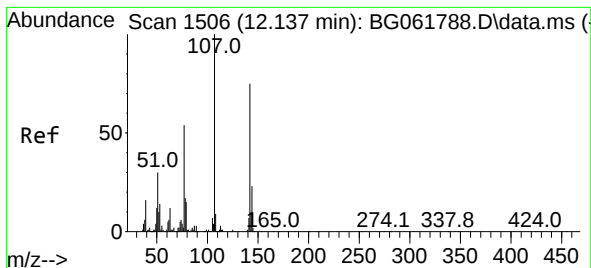
Tgt Ion:225 Resp: 128408
Ion Ratio Lower Upper
225 100
223 66.8 49.4 74.0
227 63.1 45.6 68.4



#34
Caprolactam
Concen: 27.303 ng/ul m
RT: 11.789 min Scan# 1447
Delta R.T. 0.017 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:113 Resp: 62945
Ion Ratio Lower Upper
113 100
55 296.3 207.4 311.2
56 197.0 167.2 250.8

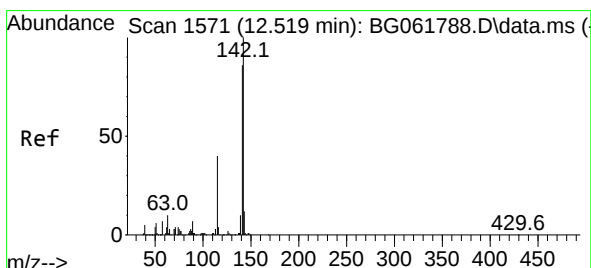
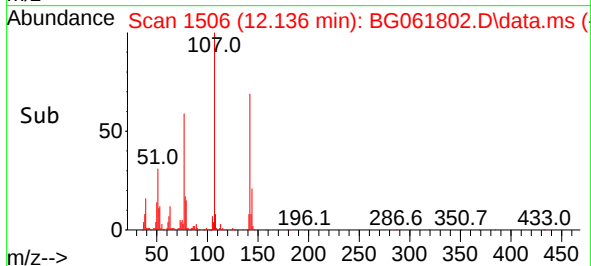
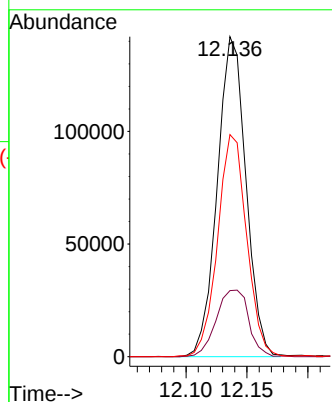
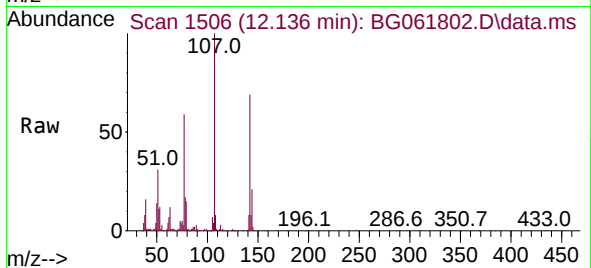




#35
4-Chloro-3-methylphenol
Concen: 29.832 ng/ul
RT: 12.136 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

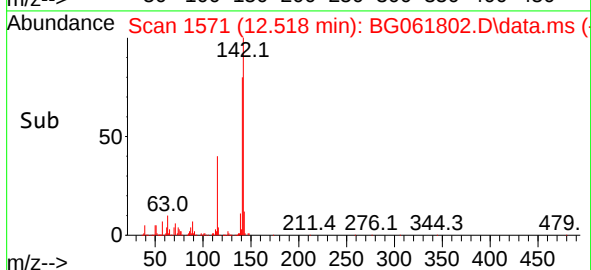
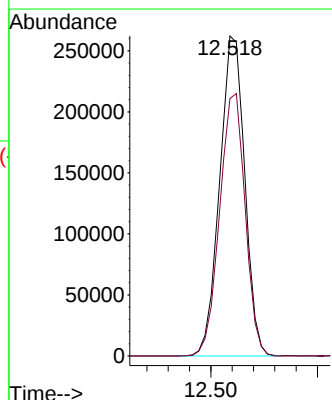
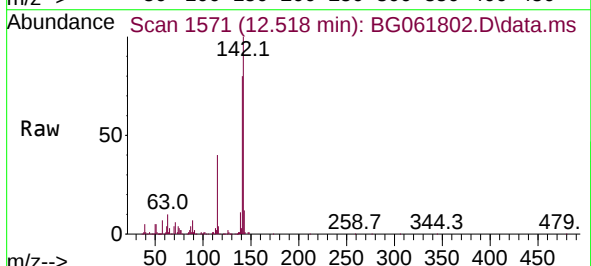
Instrument :
BNA_G
ClientSampleId :
SLCS592

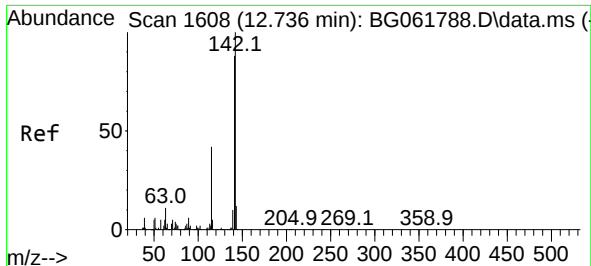
Tgt Ion:107 Resp: 232585
Ion Ratio Lower Upper
107 100
144 20.7 19.6 29.4
142 69.4 60.2 90.4



#36
2-Methylnaphthalene
Concen: 29.017 ng/ul
RT: 12.518 min Scan# 1571
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:142 Resp: 428131
Ion Ratio Lower Upper
142 100
141 80.4 68.5 102.7

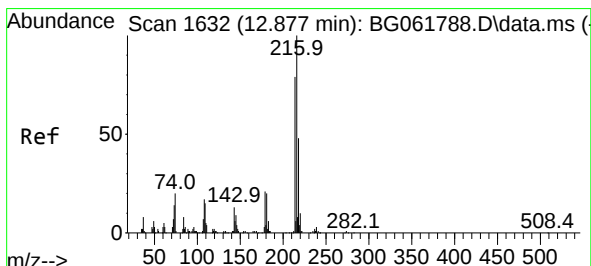
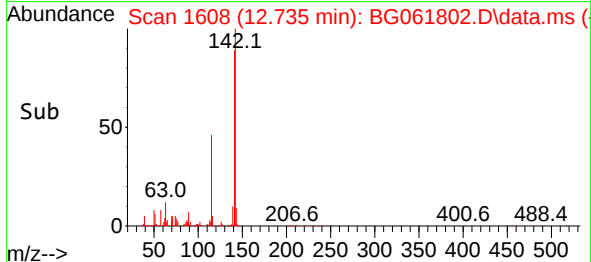
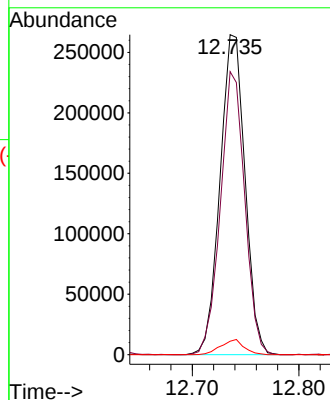
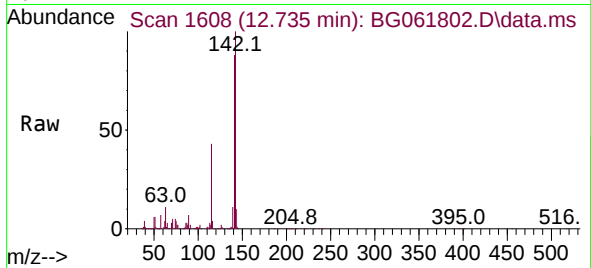




#37
1-Methylnaphthalene
Concen: 27.394 ng/ul
RT: 12.735 min Scan# 1608
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

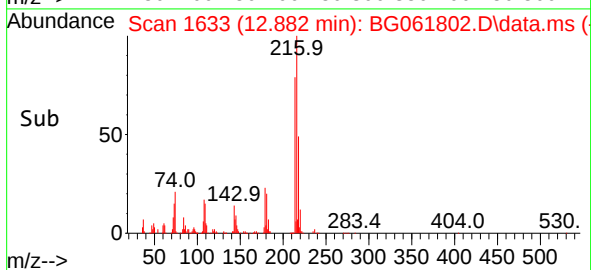
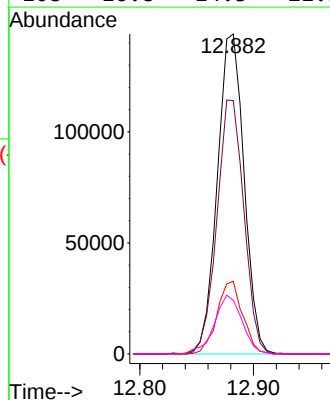
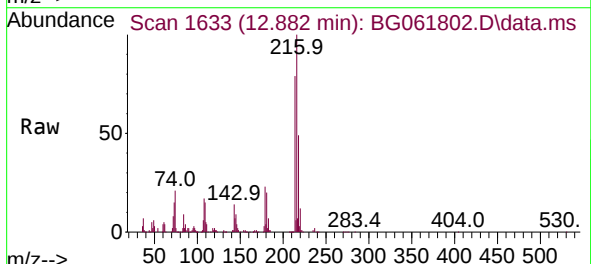
Instrument :
BNA_G
ClientSampleId :
SLCS592

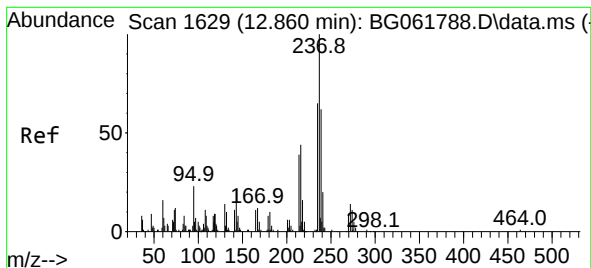
Tgt Ion:142 Resp: 431265
Ion Ratio Lower Upper
142 100
141 88.5 64.6 97.0
116 4.2 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.145 ng/ul
RT: 12.882 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:216 Resp: 235805
Ion Ratio Lower Upper
216 100
214 79.2 61.4 92.2
179 22.7 17.1 25.7
108 16.8 14.3 21.5





#40

Hexachlorocyclopentadiene

Concen: 18.039 ng/ul

RT: 12.853 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

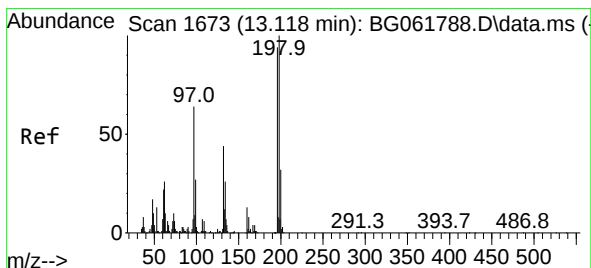
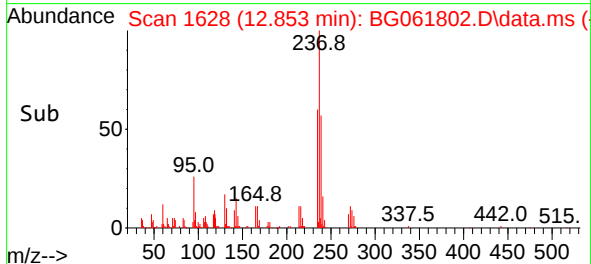
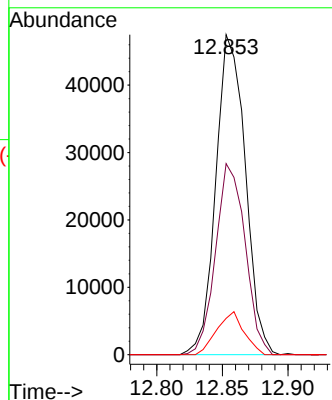
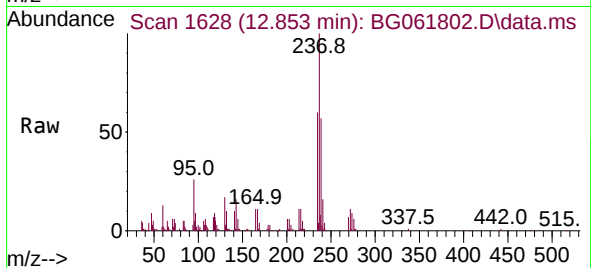
Tgt Ion:237 Resp: 74121

Ion Ratio Lower Upper

237 100

235 59.7 51.0 76.6

272 11.3 9.1 13.7



#41

2,4,6-Trichlorophenol

Concen: 33.632 ng/ul

RT: 13.117 min Scan# 1673

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

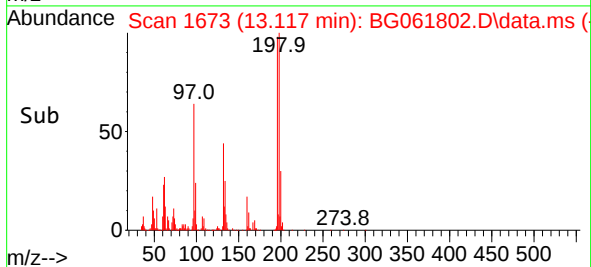
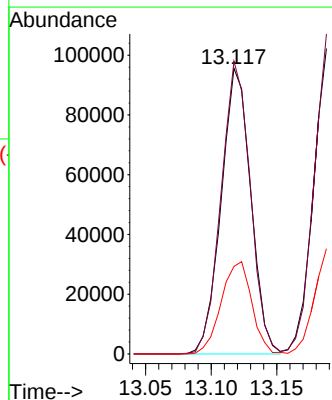
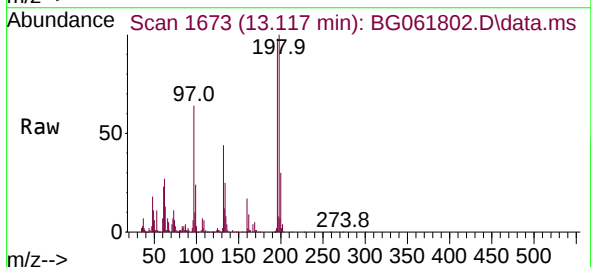
Tgt Ion:196 Resp: 149850

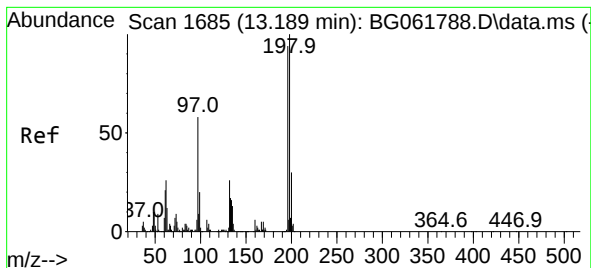
Ion Ratio Lower Upper

196 100

198 102.6 73.1 109.7

200 30.6 26.4 39.6





#42

2,4,5-Trichlorophenol

Concen: 33.987 ng/ul

RT: 13.188 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

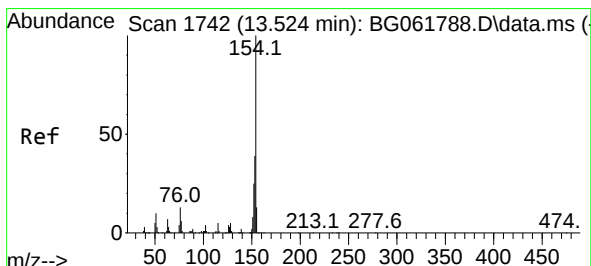
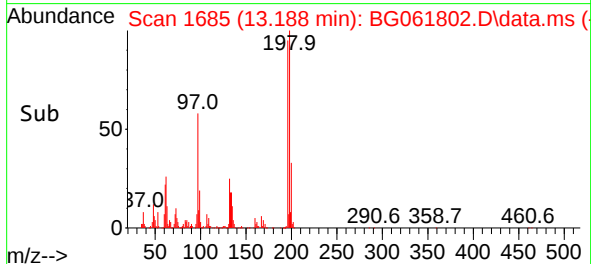
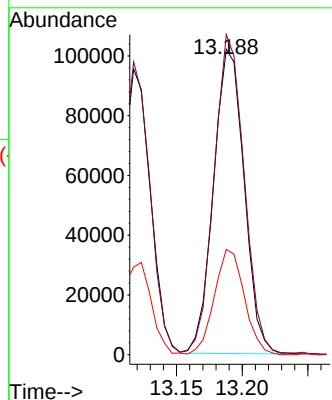
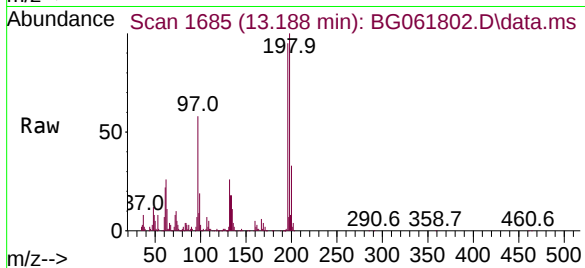
Tgt Ion:196 Resp: 165059

Ion Ratio Lower Upper

196 100

198 104.8 72.7 109.1

200 34.5 27.0 40.6



#43

1,1'-Biphenyl

Concen: 32.543 ng/ul

RT: 13.523 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

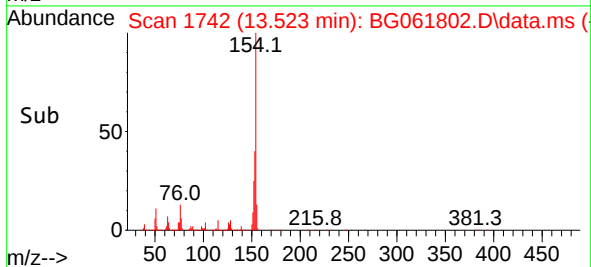
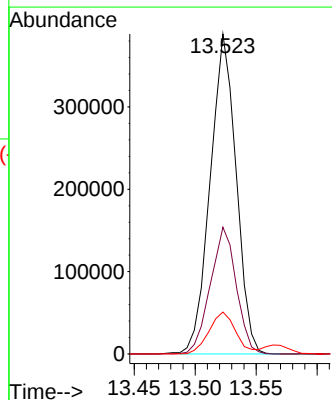
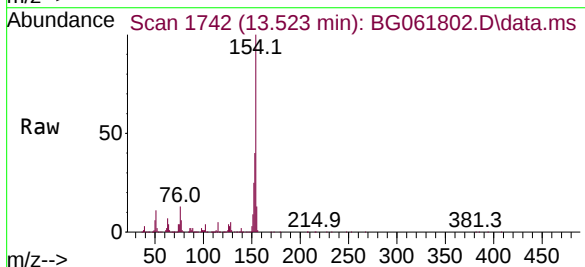
Tgt Ion:154 Resp: 575230

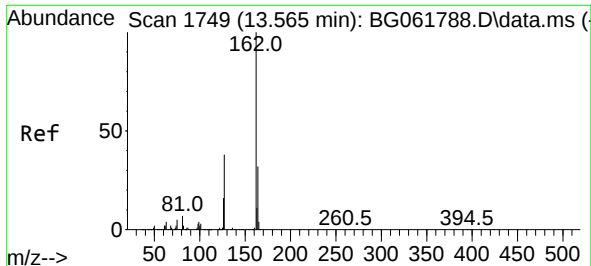
Ion Ratio Lower Upper

154 100

153 39.6 31.4 47.0

76 13.1 11.0 16.4

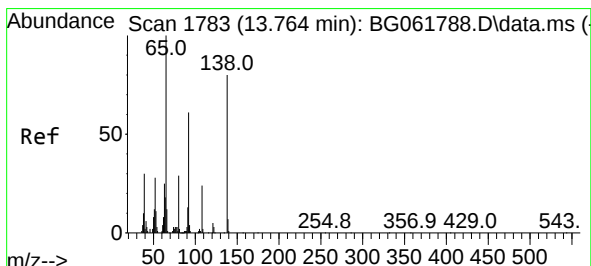
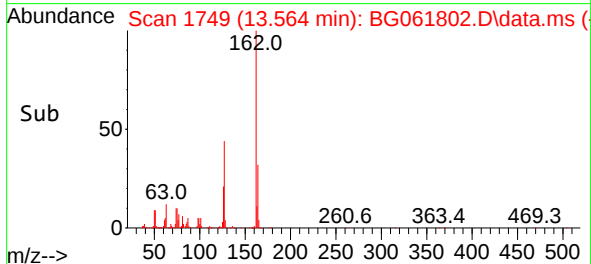
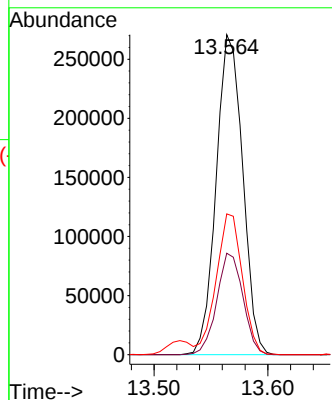
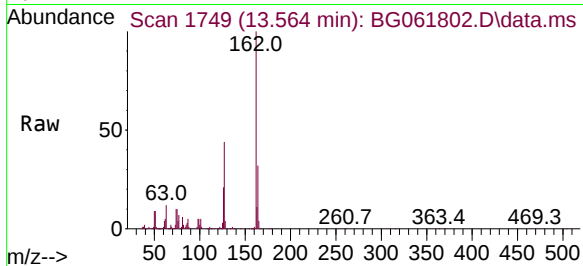




#44
2-Chloronaphthalene
Concen: 32.308 ng/ul
RT: 13.564 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

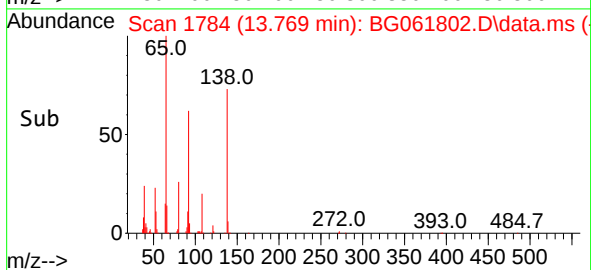
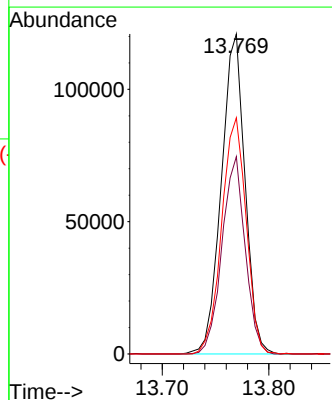
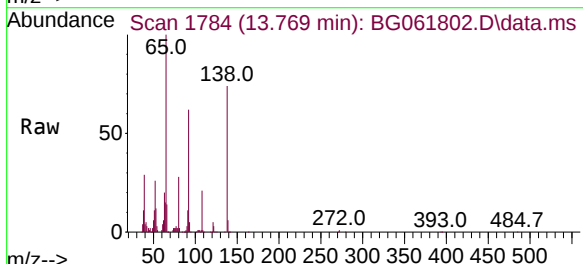
Instrument :
BNA_G
ClientSampleId :
SLCS592

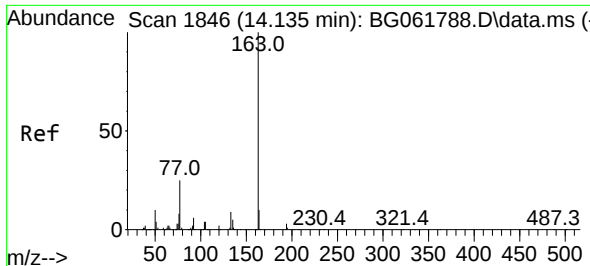
Tgt Ion:162 Resp: 438667
Ion Ratio Lower Upper
162 100
164 31.7 25.1 37.7
127 44.0 33.7 50.5



#45
2-Nitroaniline
Concen: 40.058 ng/ul
RT: 13.769 min Scan# 1784
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion: 65 Resp: 186193
Ion Ratio Lower Upper
65 100
92 61.7 51.4 77.0
138 73.8 63.0 94.6

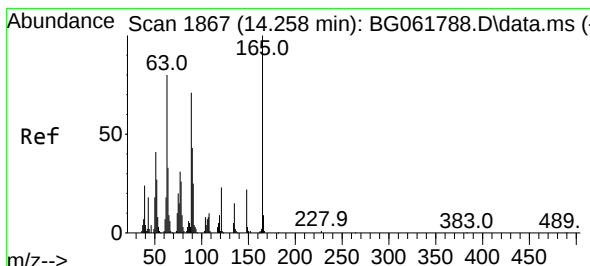
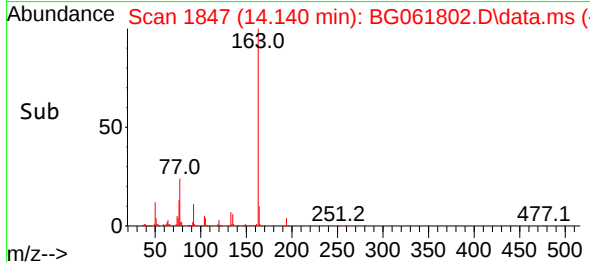
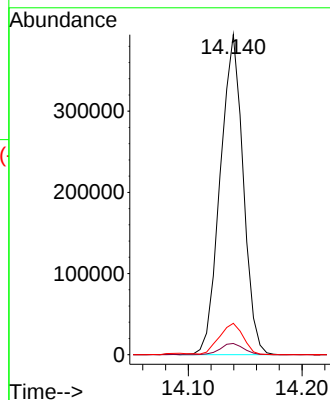
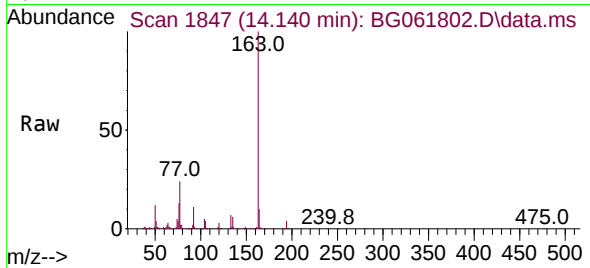




#47
Dimethylphthalate
Concen: 29.687 ng/ul
RT: 14.140 min Scan# 1847
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

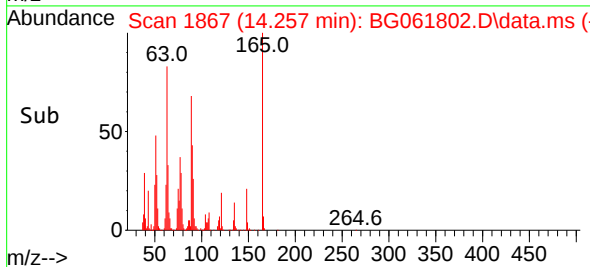
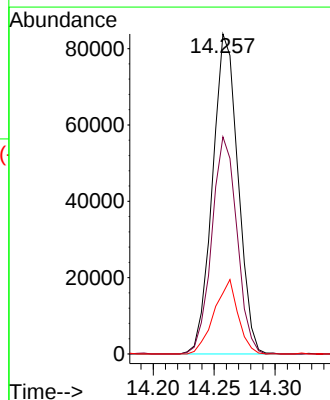
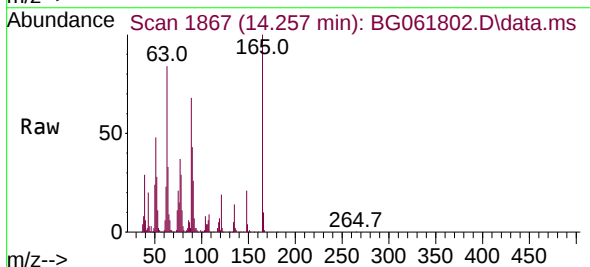
Instrument :
BNA_G
ClientSampleId :
SLCS592

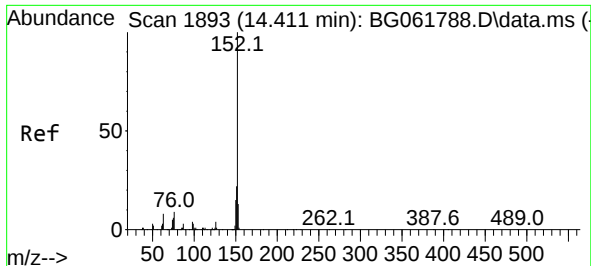
Tgt Ion:163 Resp: 553567
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.8 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 39.449 ng/ul
RT: 14.257 min Scan# 1867
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:165 Resp: 122066
Ion Ratio Lower Upper
165 100
89 67.9 55.9 83.9
121 19.0 23.4 35.2#

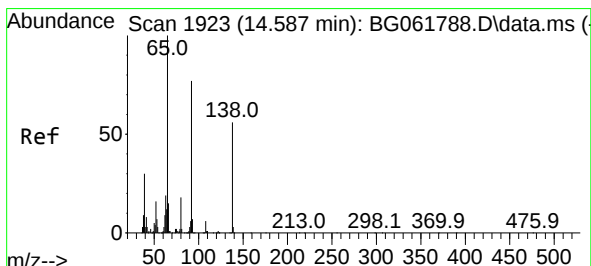
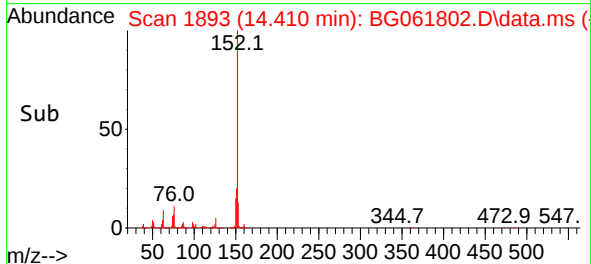
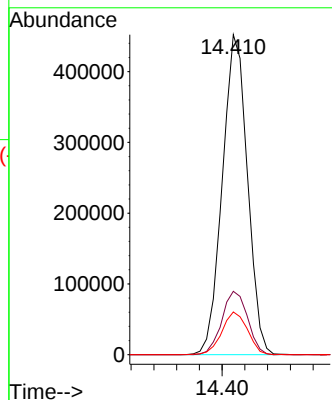
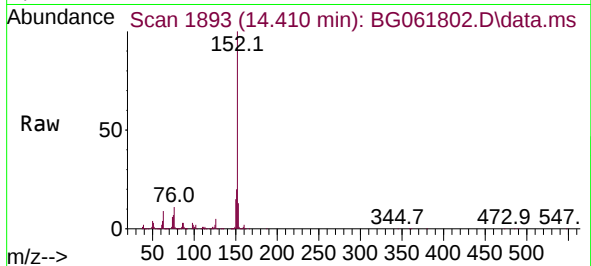




#50
Acenaphthylene
Concen: 30.173 ng/ul
RT: 14.410 min Scan# 1893
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

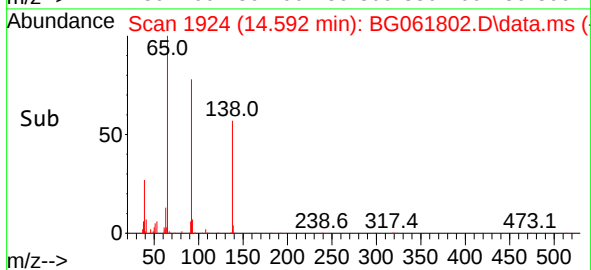
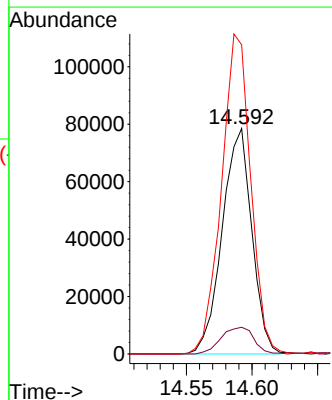
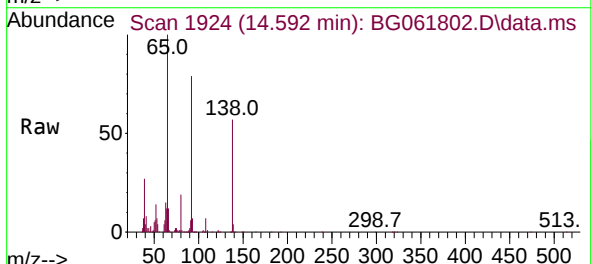
Instrument :
BNA_G
ClientSampleId :
SLCS592

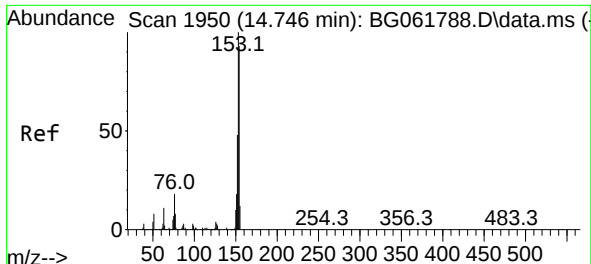
Tgt Ion:152 Resp: 693134
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.4 11.0 16.4



#51
3-Nitroaniline
Concen: 38.887 ng/ul
RT: 14.592 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:138 Resp: 123224
Ion Ratio Lower Upper
138 100
108 11.9 14.3 21.5#
92 137.1 115.0 172.4

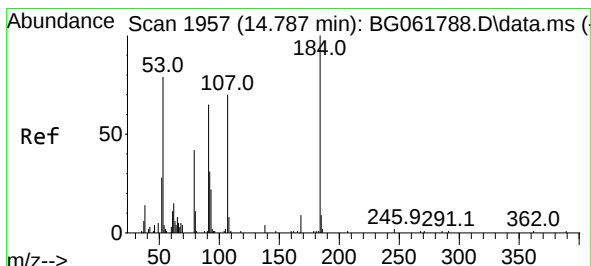
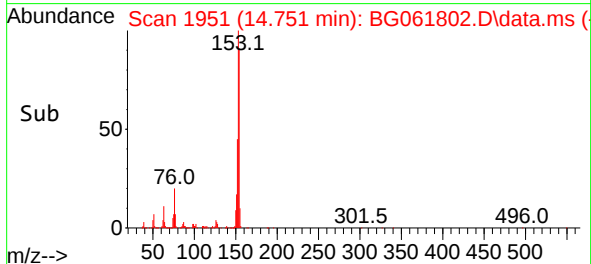
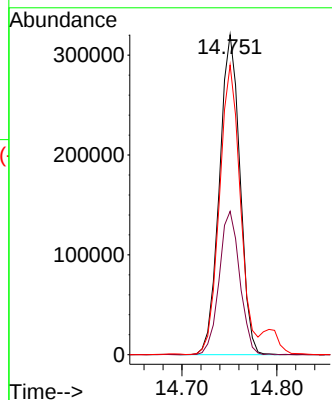
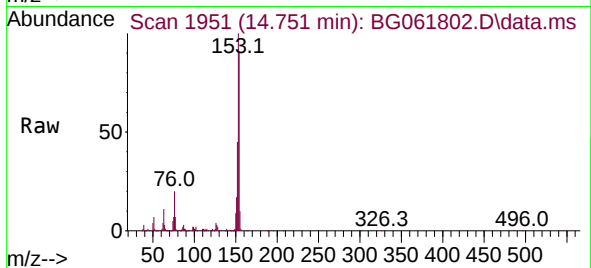




#52
Acenaphthene
Concen: 30.328 ng/ul
RT: 14.751 min Scan# 1951
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

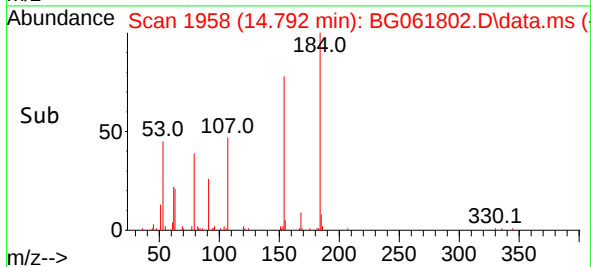
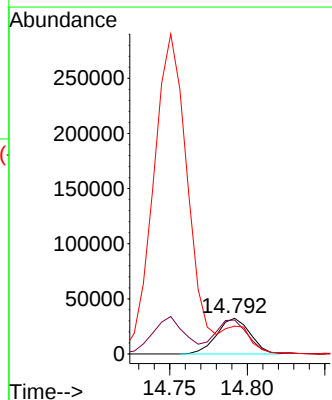
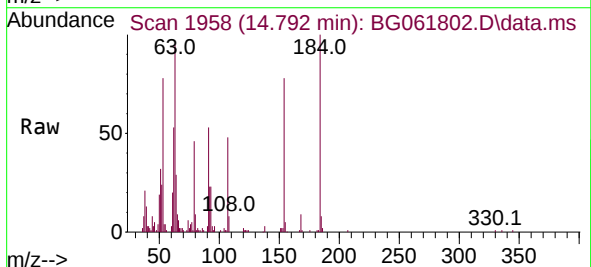
Instrument :
BNA_G
ClientSampleId :
SLCS592

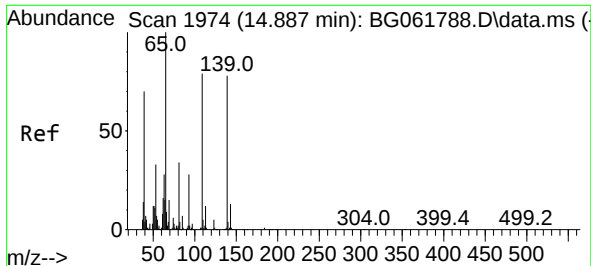
Tgt Ion:153 Resp: 482482
Ion Ratio Lower Upper
153 100
152 44.8 40.0 60.0
154 90.5 74.1 111.1



#53
2,4-Dinitrophenol
Concen: 30.957 ng/ul
RT: 14.792 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:184 Resp: 48678
Ion Ratio Lower Upper
184 100
63 95.1 74.2 111.4
154 78.3 80.4 120.6#

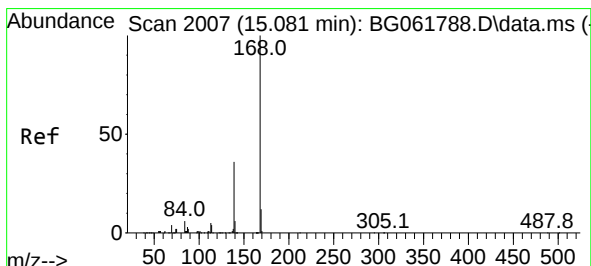
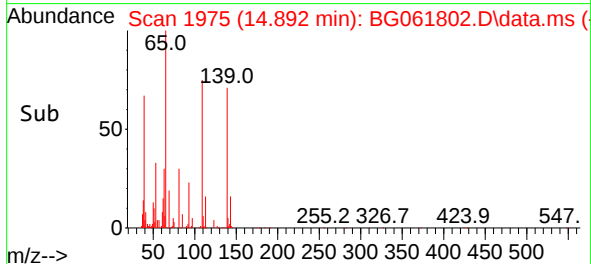
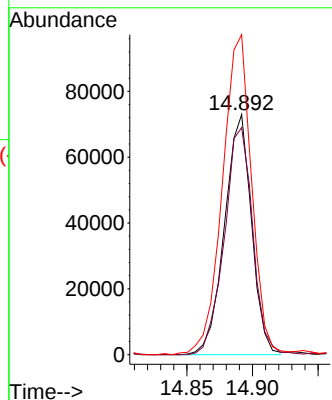
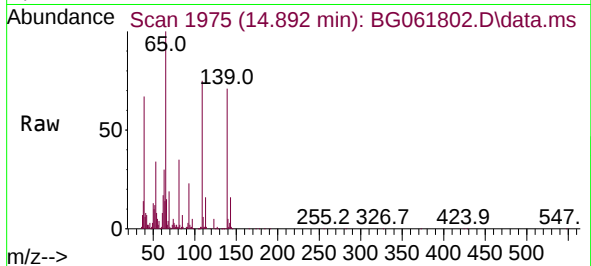




#55
4-Nitrophenol
Concen: 31.340 ng/ul
RT: 14.892 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

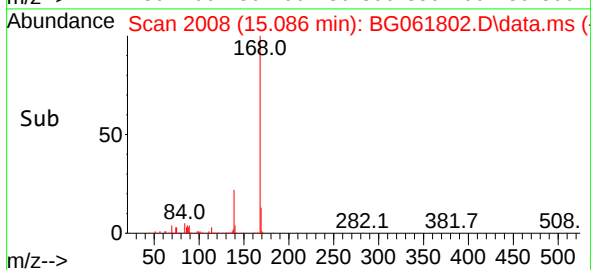
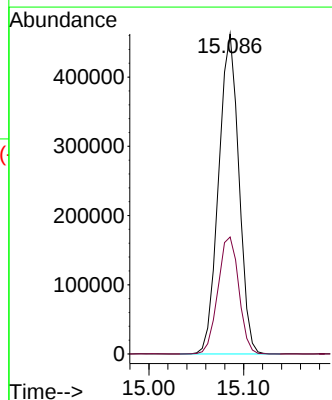
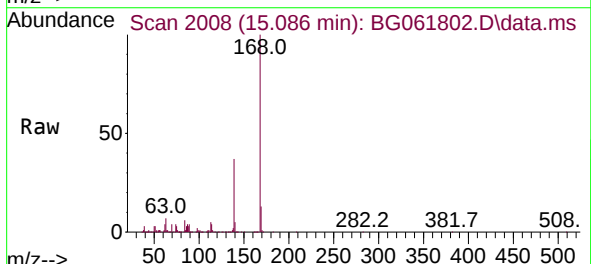
Instrument :
BNA_G
ClientSampleId :
SLCS592

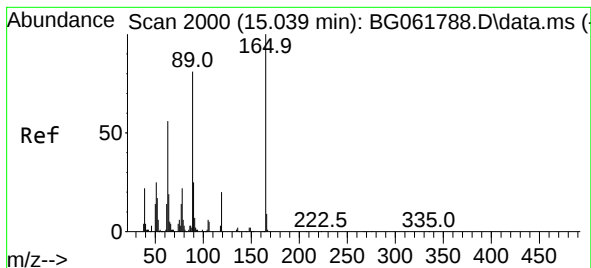
Tgt Ion:109 Resp: 104374
Ion Ratio Lower Upper
109 100
139 94.5 77.1 115.7
65 133.2 110.9 166.3



#56
Dibenzofuran
Concen: 30.798 ng/ul
RT: 15.086 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:168 Resp: 685645
Ion Ratio Lower Upper
168 100
139 36.5 27.0 40.4

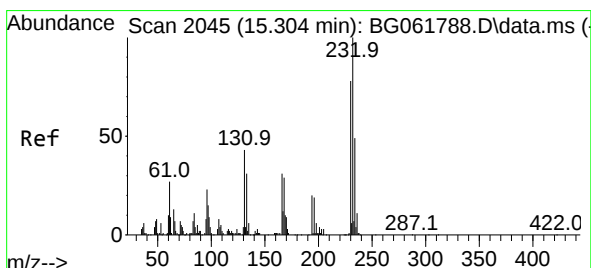
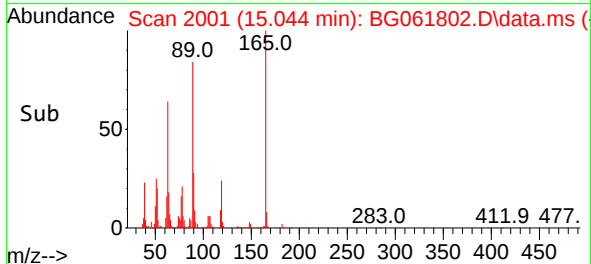
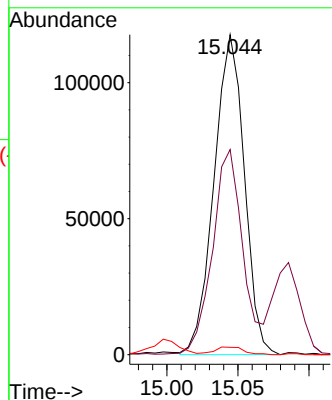
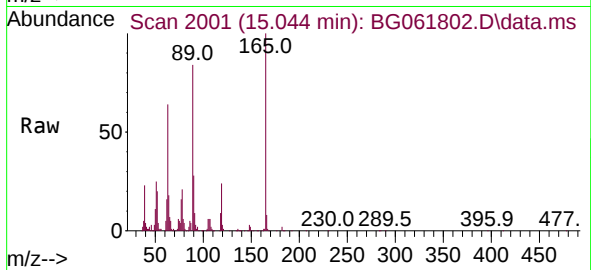




#57
2,4-Dinitrotoluene
Concen: 38.013 ng/ul
RT: 15.044 min Scan# 2000
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

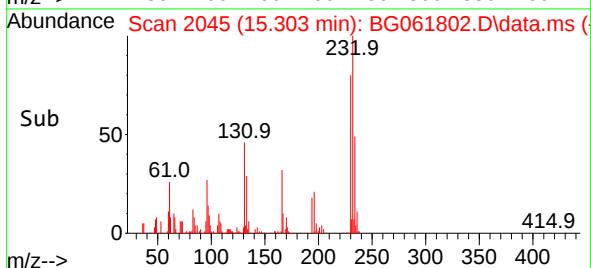
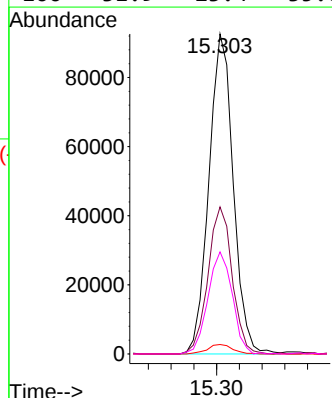
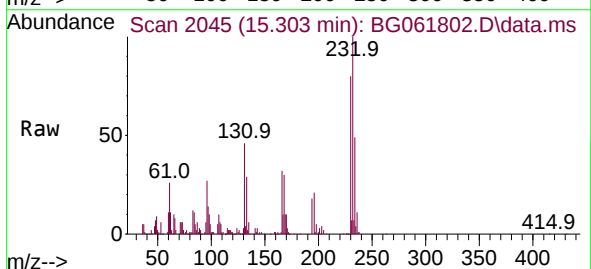
Instrument :
BNA_G
ClientSampleId :
SLCS592

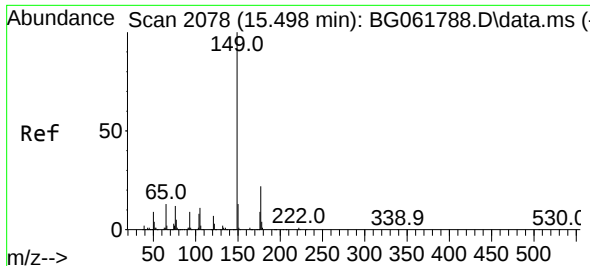
Tgt Ion:165 Resp: 174596
Ion Ratio Lower Upper
165 100
63 64.1 49.4 74.0
182 2.3 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.927 ng/ul
RT: 15.303 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:232 Resp: 137751
Ion Ratio Lower Upper
232 100
131 45.9 33.1 49.7
130 3.0 2.6 3.8
166 31.9 23.4 35.0

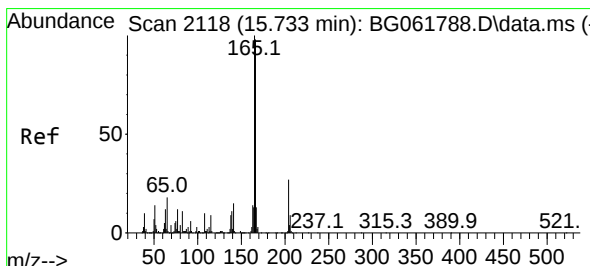
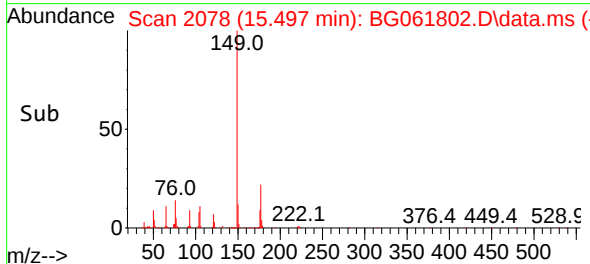
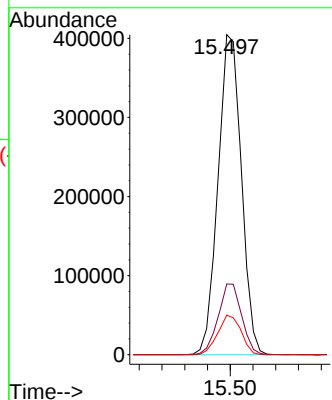
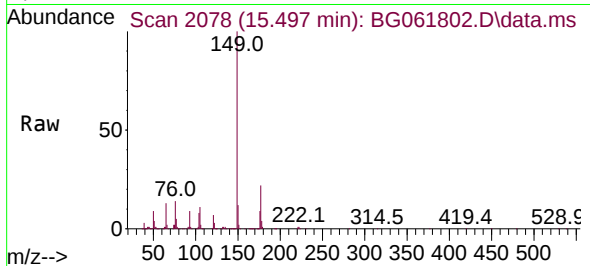




#59
Diethylphthalate
Concen: 30.072 ng/ul
RT: 15.497 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

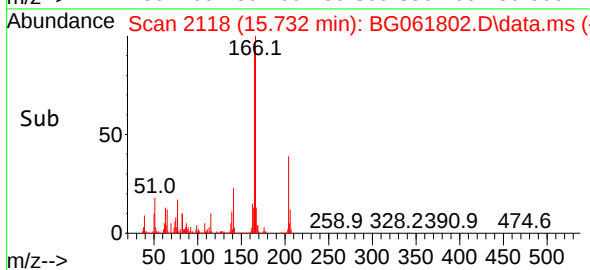
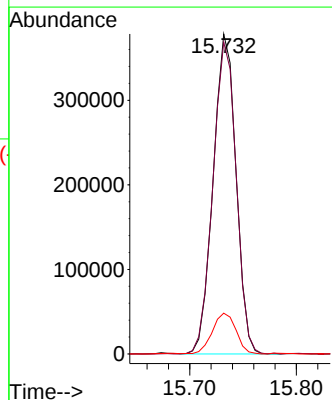
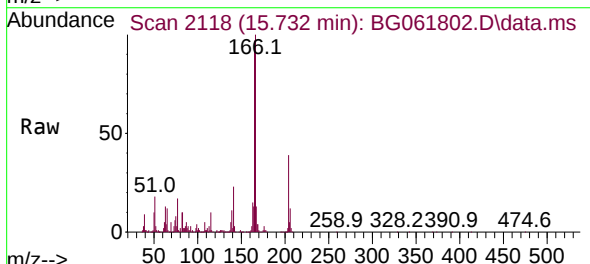
Instrument :
BNA_G
ClientSampleId :
SLCS592

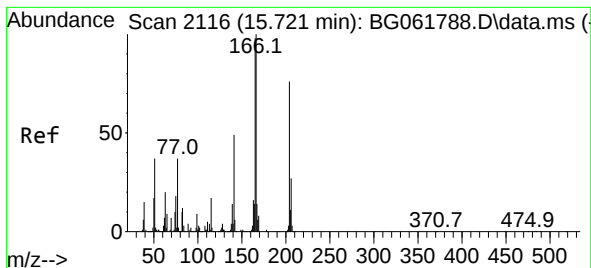
Tgt Ion:149 Resp: 577539
Ion Ratio Lower Upper
149 100
177 22.1 19.6 29.4
150 12.4 9.2 13.8



#61
Fluorene
Concen: 30.532 ng/ul
RT: 15.732 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:166 Resp: 562521
Ion Ratio Lower Upper
166 100
165 97.5 84.9 127.3
167 12.8 10.9 16.3

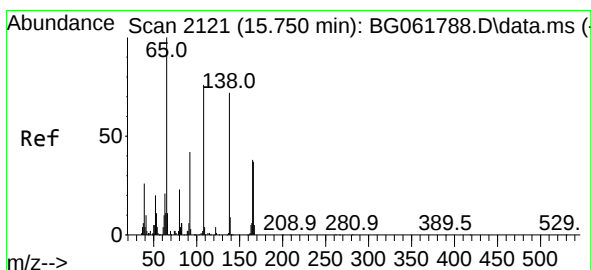
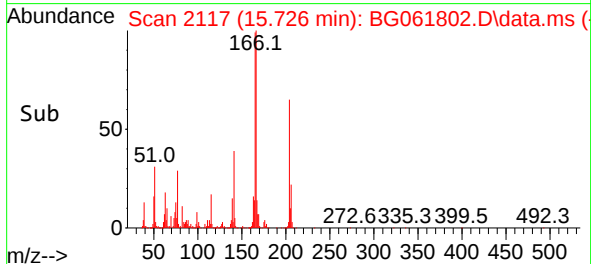
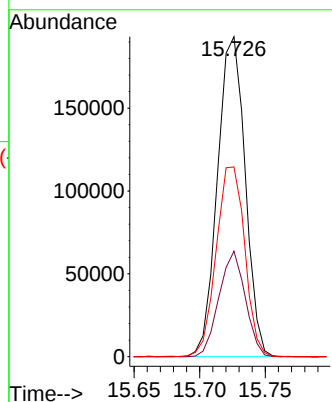
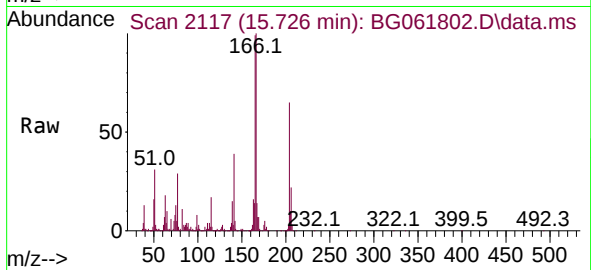




#62
4-Chlorophenyl-phenylether
Concen: 30.994 ng/ul
RT: 15.726 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

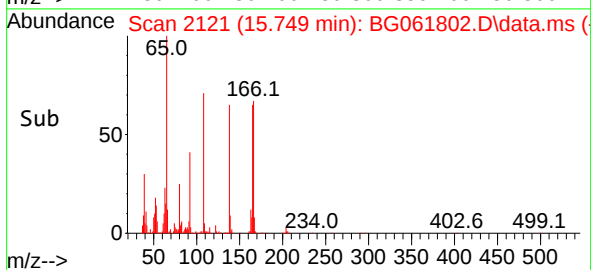
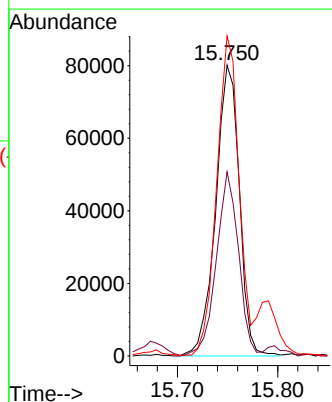
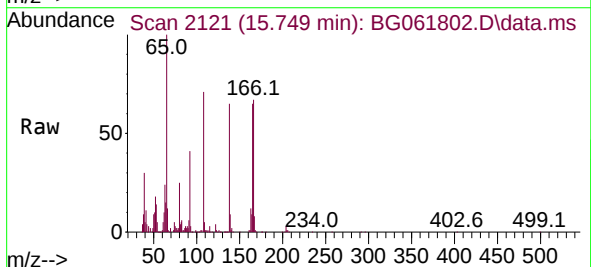
Instrument :
BNA_G
ClientSampleId :
SLCS592

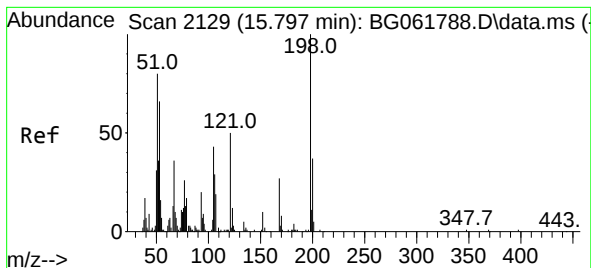
Tgt Ion:204 Resp: 283477
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 59.3 51.1 76.7



#63
4-Nitroaniline
Concen: 38.953 ng/ul
RT: 15.749 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:138 Resp: 130766
Ion Ratio Lower Upper
138 100
92 63.3 54.8 82.2
108 110.1 84.2 126.2

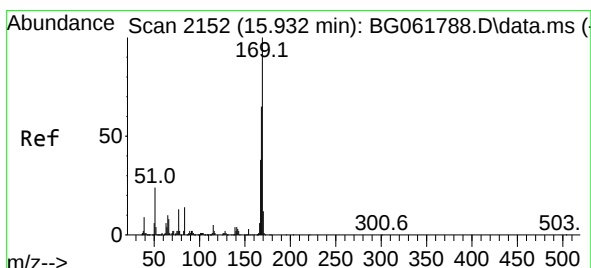
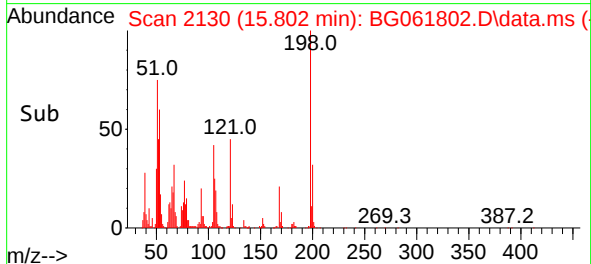
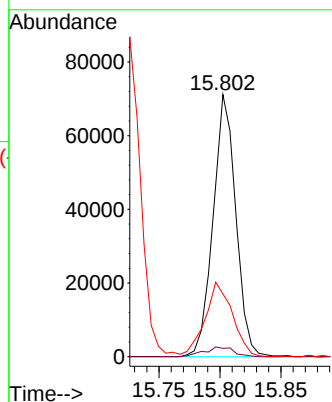
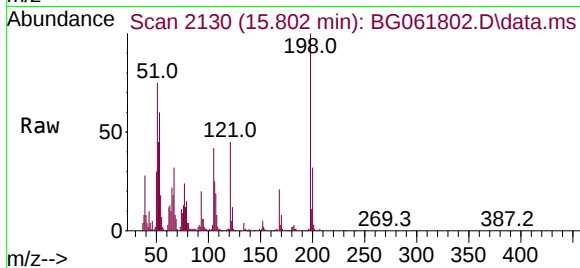




#66
4,6-Dinitro-2-methylphenol
Concen: 34.774 ng/ul
RT: 15.802 min Scan# 2110
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

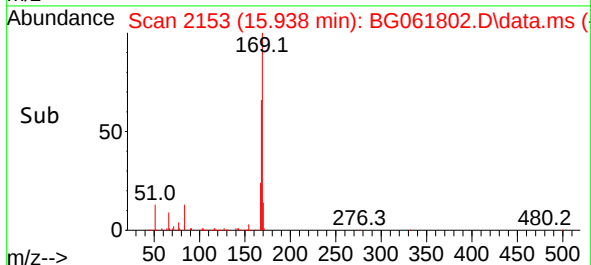
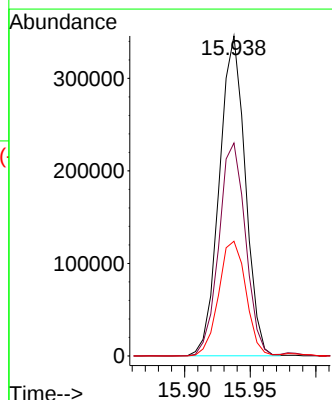
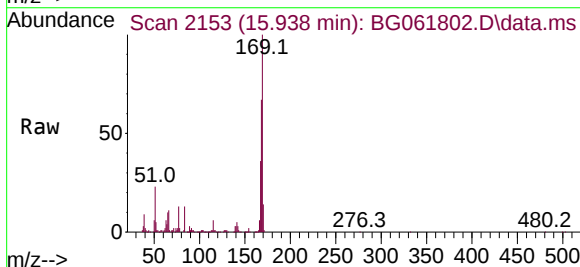
Instrument :
BNA_G
ClientSampleId :
SLCS592

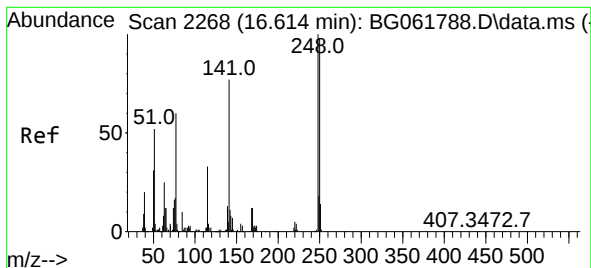
Tgt Ion:198 Resp: 92423
Ion Ratio Lower Upper
198 100
182 3.2 3.6 5.4#
77 23.9 19.5 29.3



#67
N-Nitrosodiphenylamine
Concen: 33.420 ng/ul
RT: 15.938 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:169 Resp: 474244
Ion Ratio Lower Upper
169 100
168 66.6 54.6 81.8
167 35.9 27.8 41.6

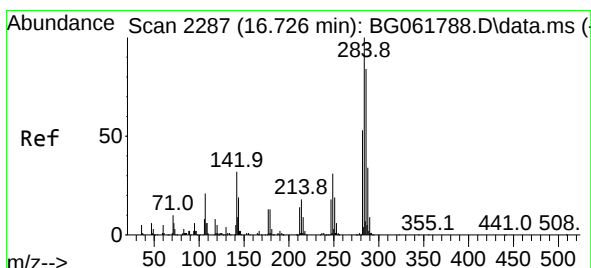
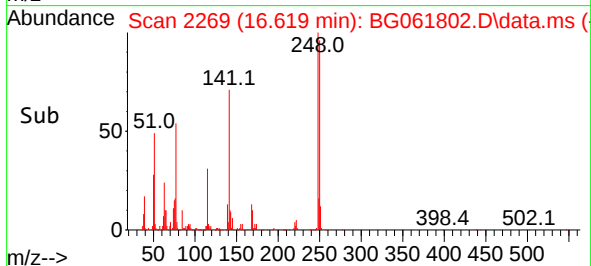
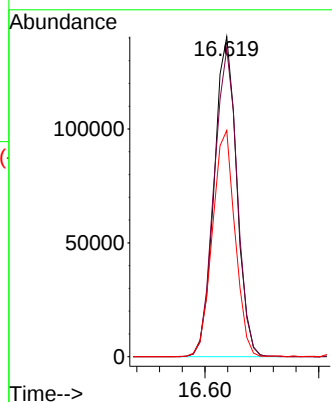
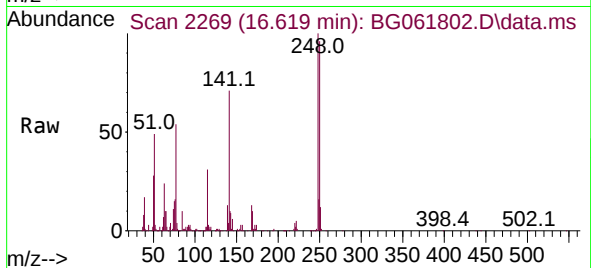




#68
4-Bromophenyl-phenylether
Concen: 34.260 ng/ul
RT: 16.619 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

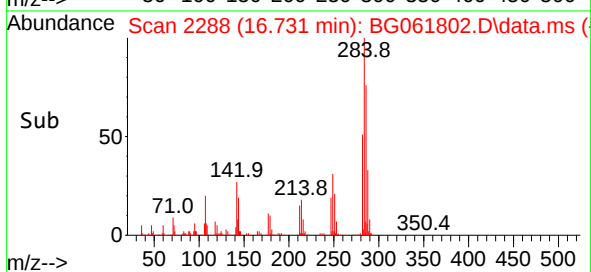
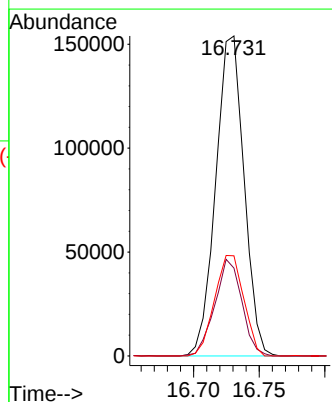
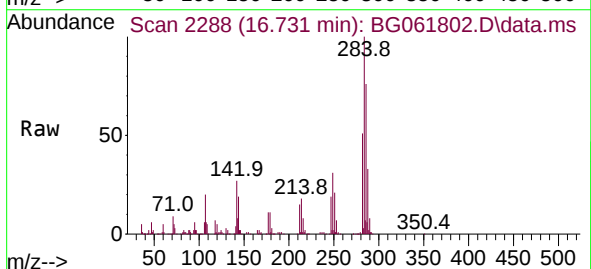
Instrument :
BNA_G
ClientSampleId :
SLCS592

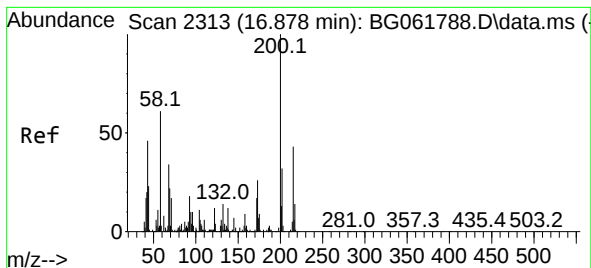
Tgt Ion:248 Resp: 193575
Ion Ratio Lower Upper
248 100
250 96.3 82.1 123.1
141 70.7 57.6 86.4



#69
Hexachlorobenzene
Concen: 33.642 ng/ul
RT: 16.731 min Scan# 2288
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:284 Resp: 230674
Ion Ratio Lower Upper
284 100
142 27.5 25.2 37.8
249 31.3 26.9 40.3





#70

Atrazine

Concen: 17.337 ng/ul

RT: 16.883 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

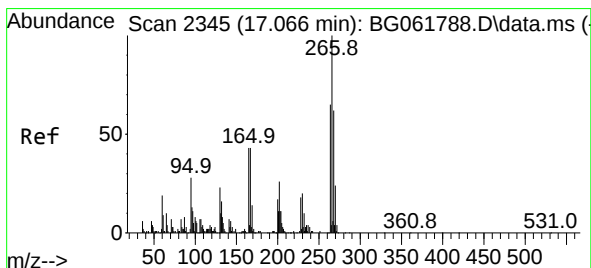
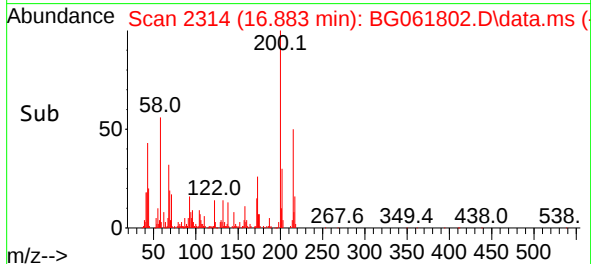
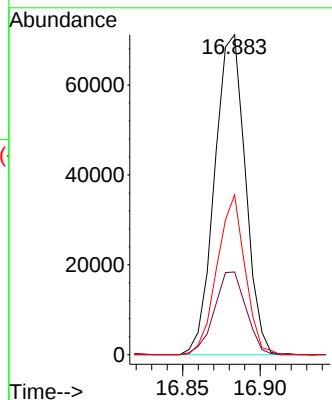
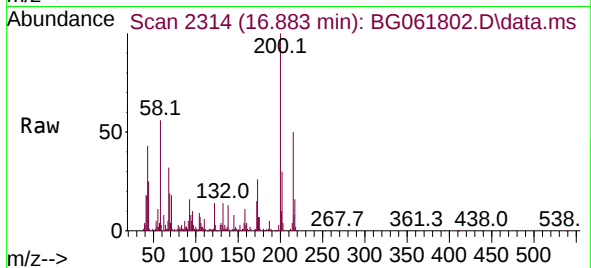
Tgt Ion:200 Resp: 98267

Ion Ratio Lower Upper

200 100

173 25.9 18.2 27.2

215 50.0 36.6 54.8



#71

Pentachlorophenol

Concen: 26.311 ng/ul

RT: 17.071 min Scan# 2346

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

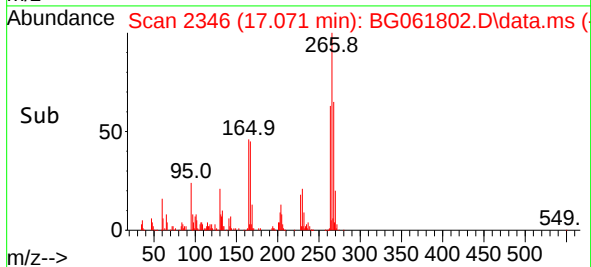
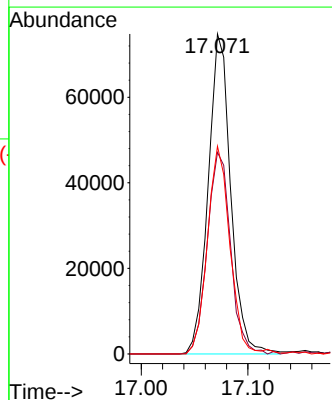
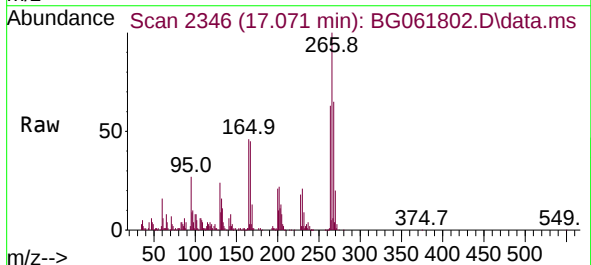
Tgt Ion:266 Resp: 109894

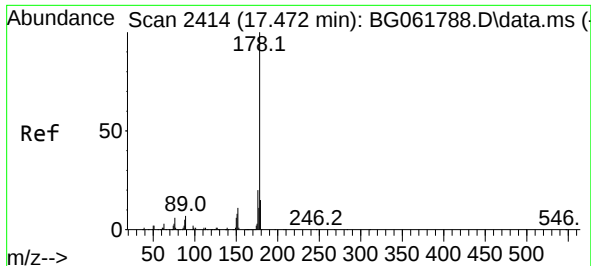
Ion Ratio Lower Upper

266 100

264 63.0 52.5 78.7

268 64.9 47.5 71.3

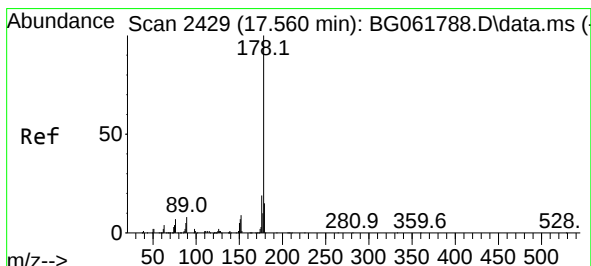
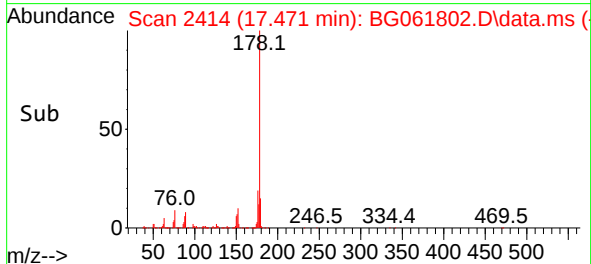
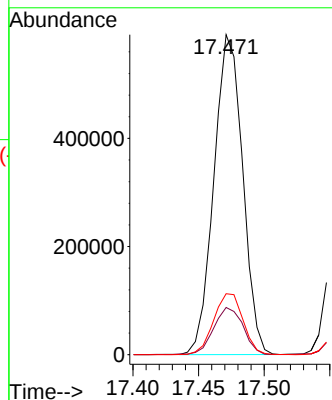
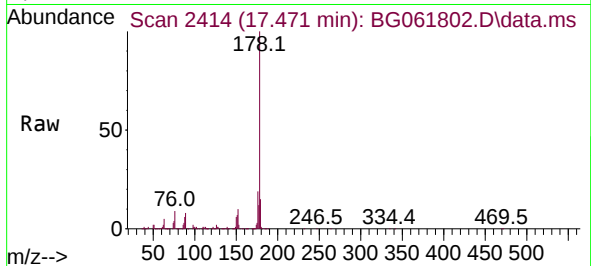




#72
Phenanthrene
Concen: 31.204 ng/ul
RT: 17.471 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

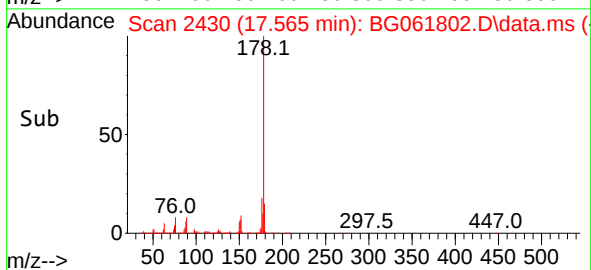
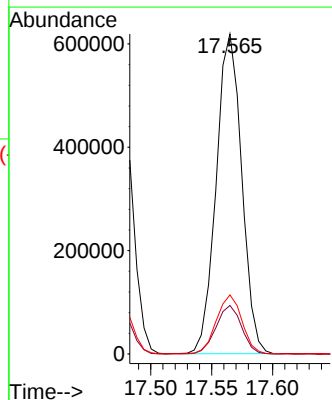
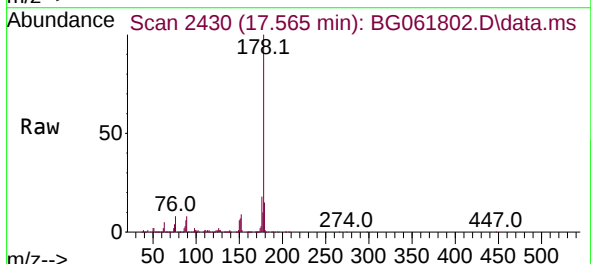
Instrument :
BNA_G
ClientSampleId :
SLCS592

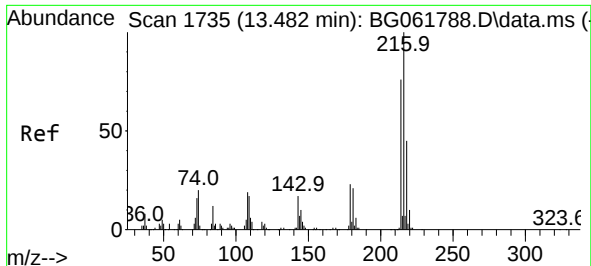
Tgt Ion:178 Resp: 900830
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 19.1 16.2 24.2



#74
Anthracene
Concen: 30.542 ng/ul
RT: 17.565 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:178 Resp: 901668
Ion Ratio Lower Upper
178 100
179 15.1 11.4 17.2
176 18.5 14.7 22.1

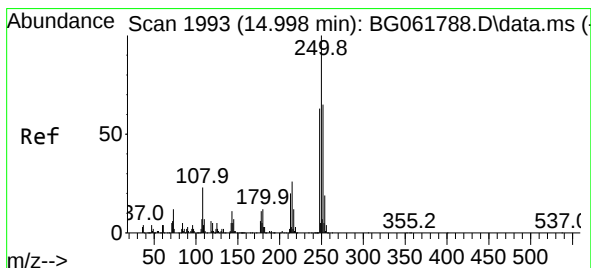
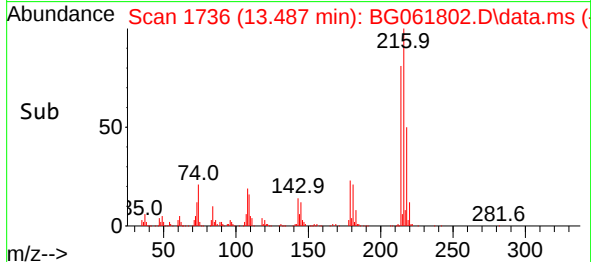
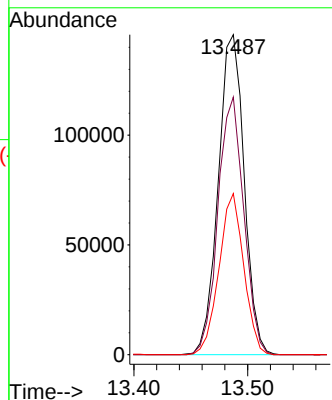
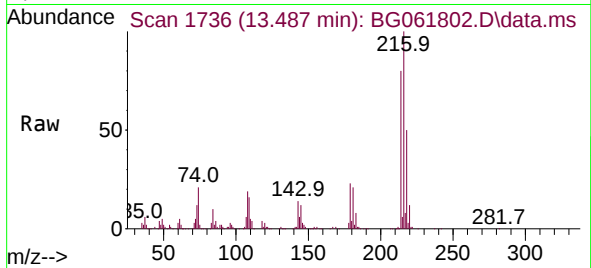




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.799 ng/ul
RT: 13.487 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

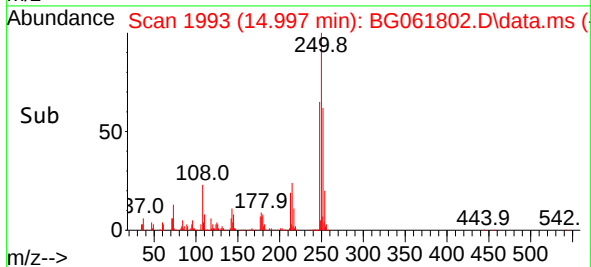
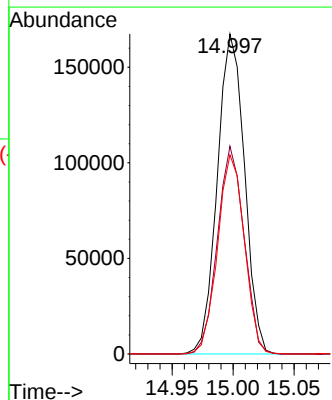
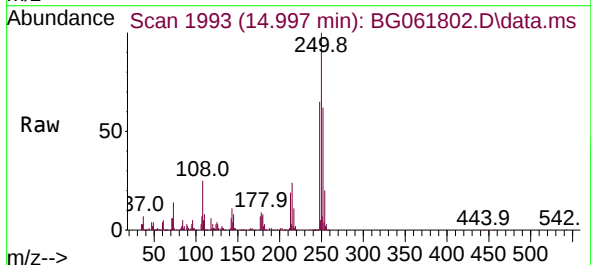
Instrument :
BNA_G
ClientSampleId :
SLCS592

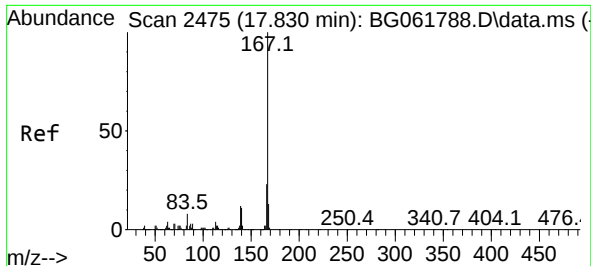
Tgt Ion:216 Resp: 231095
Ion Ratio Lower Upper
216 100
214 80.5 61.9 92.9
218 50.4 39.6 59.4



#76
Pentachlorobenzene
Concen: 35.470 ng/ul
RT: 14.997 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:250 Resp: 260419
Ion Ratio Lower Upper
250 100
248 64.9 45.7 68.5
252 62.2 48.3 72.5

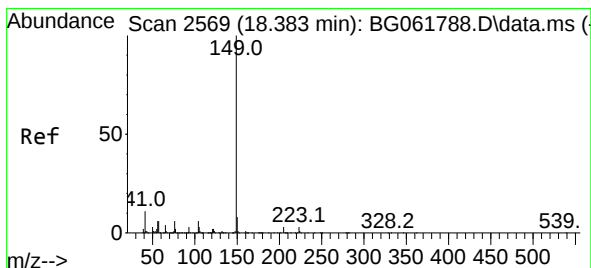
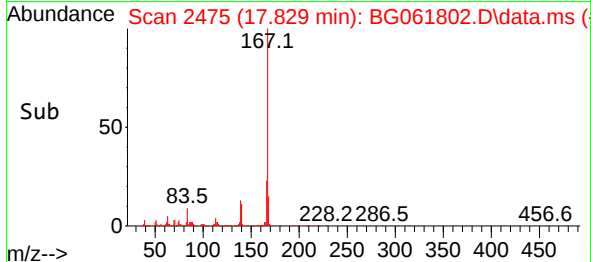
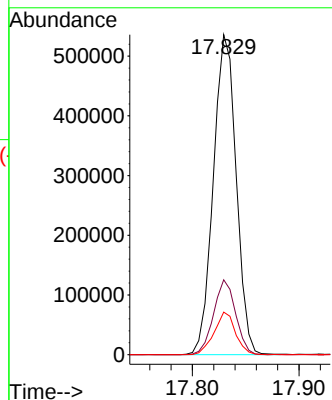
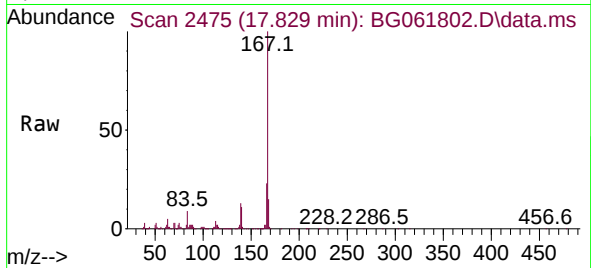




#77
 Carbazole
 Concen: 31.821 ng/ul
 RT: 17.829 min Scan# 2475
 Delta R.T. -0.001 min
 Lab File: BG061802.D
 Acq: 29 Jun 2024 11:55

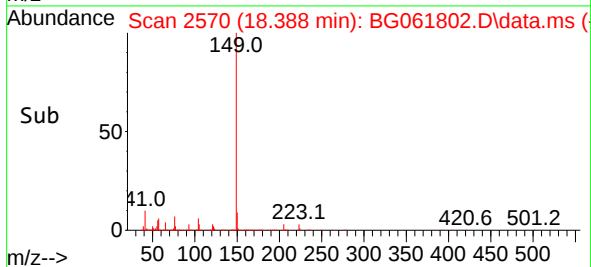
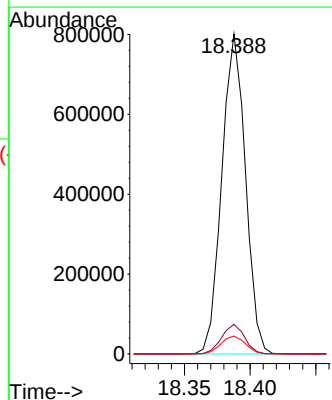
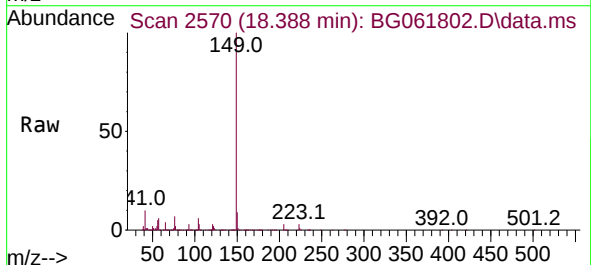
Instrument :
 BNA_G
 ClientSampleId :
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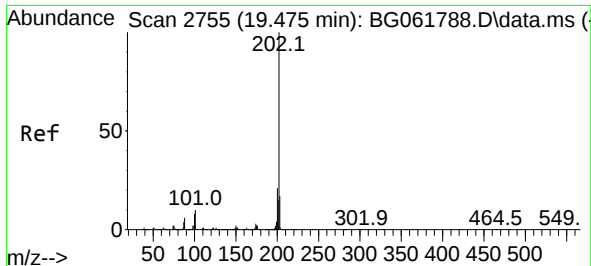
Tgt Ion:167 Resp: 797656
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.5 26.3
 139 13.3 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 33.393 ng/ul
 RT: 18.388 min Scan# 2570
 Delta R.T. -0.007 min
 Lab File: BG061802.D
 Acq: 29 Jun 2024 11:55

Tgt Ion:149 Resp: 1001127
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.7 10.1
 104 5.6 4.6 6.8

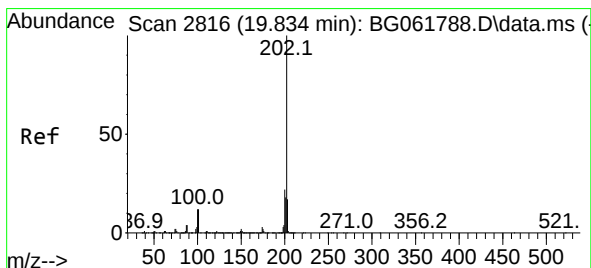
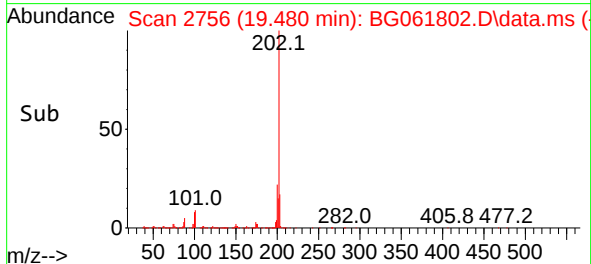
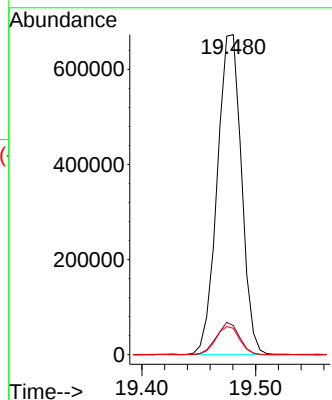
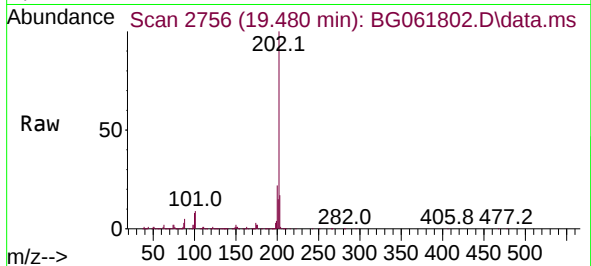




#80
Fluoranthene
Concen: 35.096 ng/u1
RT: 19.480 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

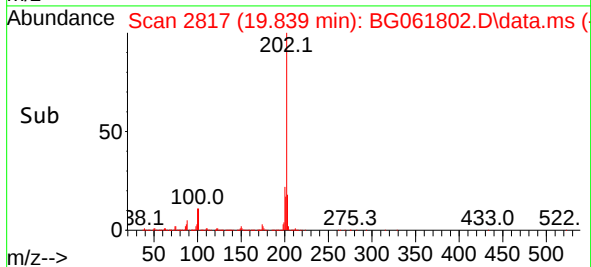
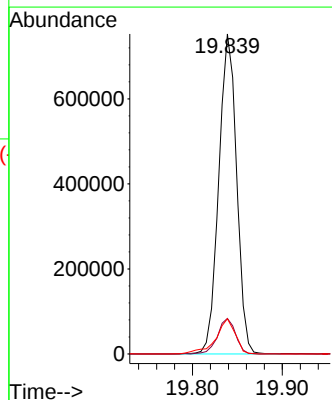
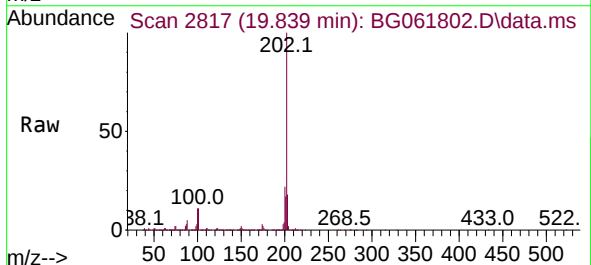
Instrument :
BNA_G
ClientSampleId :
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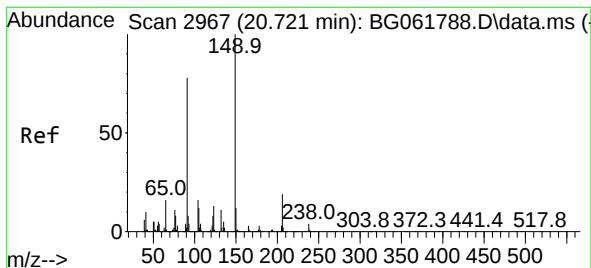
Tgt Ion:202 Resp: 994555
Ion Ratio Lower Upper
202 100
101 9.1 7.8 11.6
100 8.3 7.7 11.5



#82
Pyrene
Concen: 34.495 ng/u1
RT: 19.839 min Scan# 2817
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:202 Resp: 1039394
Ion Ratio Lower Upper
202 100
101 11.1 10.1 15.1
100 11.0 9.9 14.9





#83

Butylbenzylphthalate

Concen: 39.243 ng/ul

RT: 20.726 min Scan# 2967

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

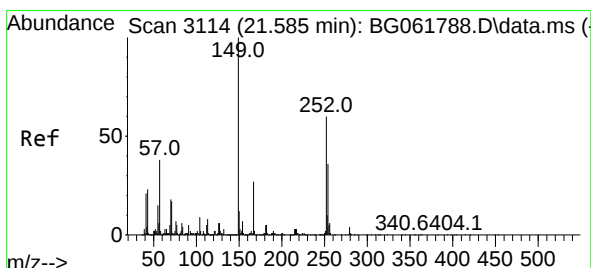
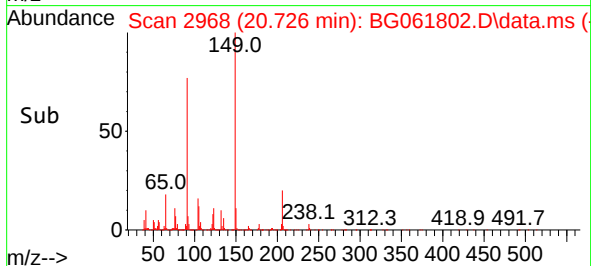
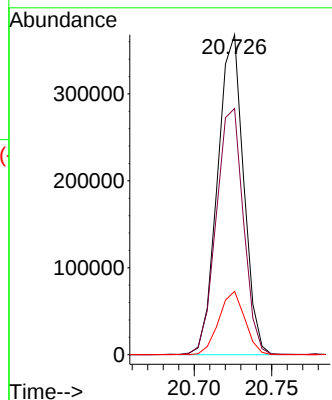
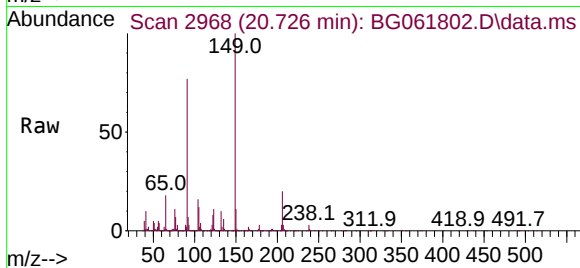
Tgt Ion:149 Resp: 430527

Ion Ratio Lower Upper

149 100

91 77.0 68.1 102.1

206 19.8 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 35.266 ng/ul

RT: 21.590 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

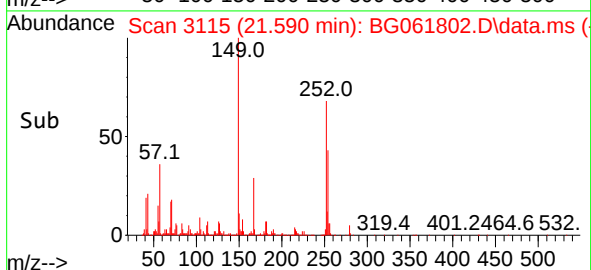
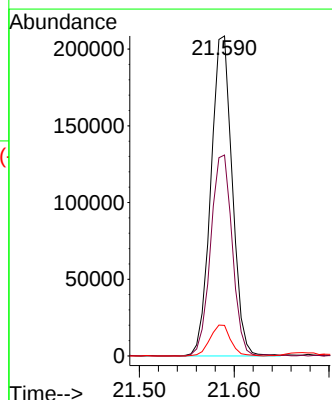
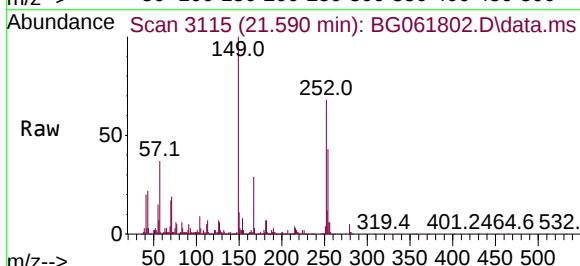
Tgt Ion:252 Resp: 326038

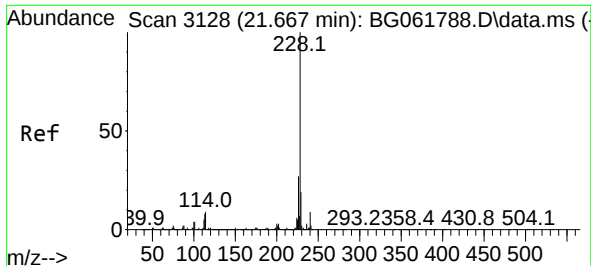
Ion Ratio Lower Upper

252 100

254 62.8 53.9 80.9

126 9.6 8.1 12.1

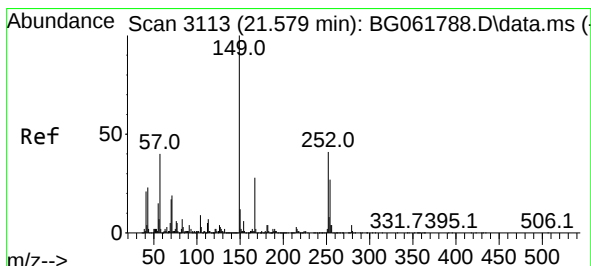
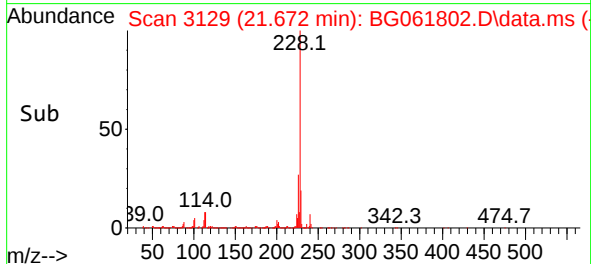
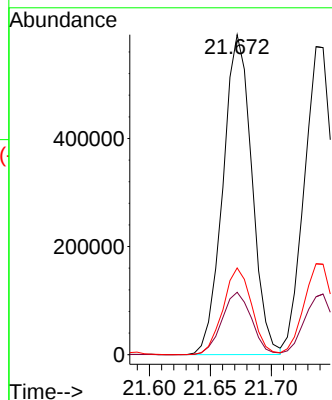
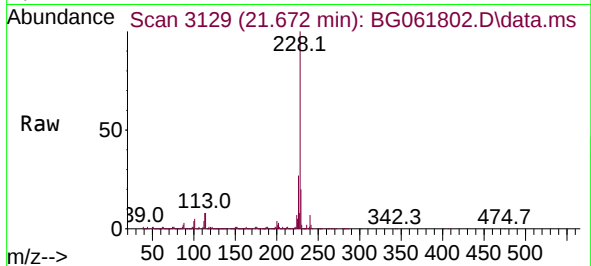




#85
Benzo(a)anthracene
Concen: 31.847 ng/ul
RT: 21.672 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

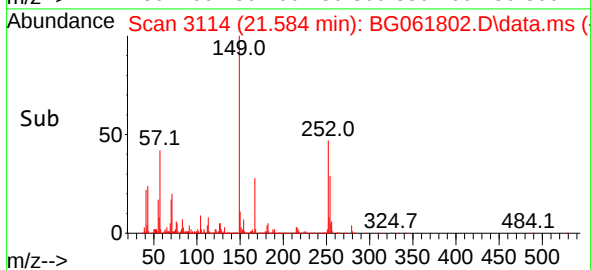
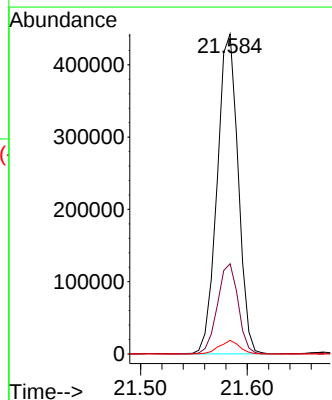
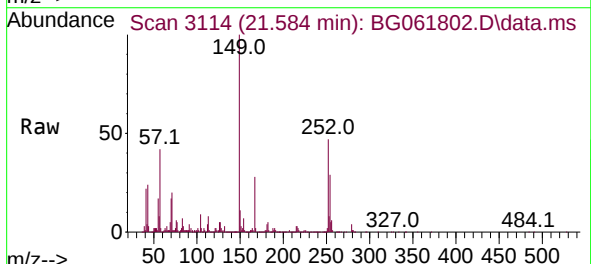
Instrument :
BNA_G
ClientSampleId :
SLCS592

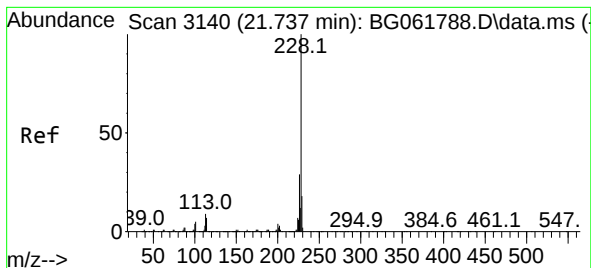
Tgt Ion:228 Resp: 977449
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.1 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 37.413 ng/ul
RT: 21.584 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:149 Resp: 603341
Ion Ratio Lower Upper
149 100
167 28.2 20.5 30.7
279 4.3 2.9 4.3





#87

Chrysene

Concen: 32.017 ng/ul

RT: 21.737 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

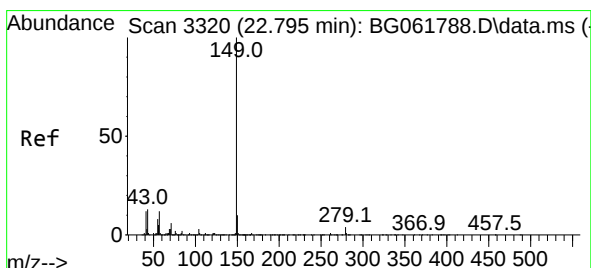
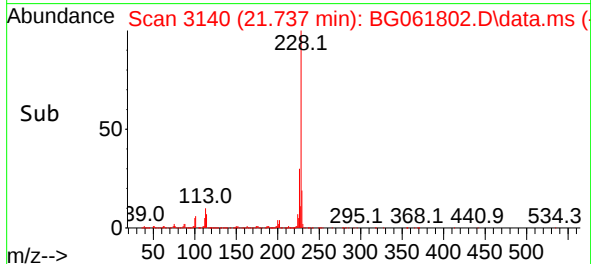
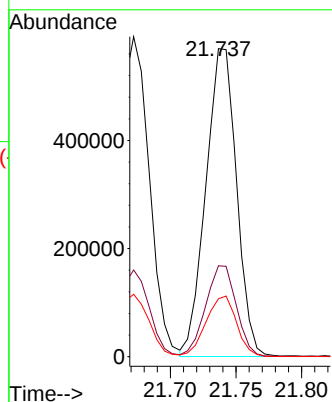
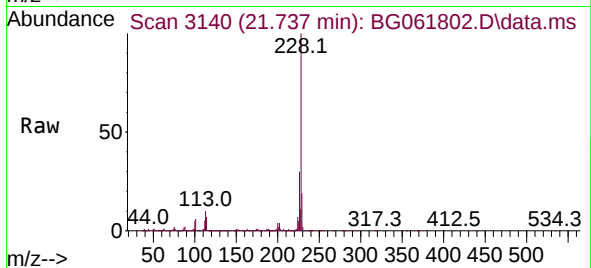
Tgt Ion:228 Resp: 929833

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

229 18.8 16.5 24.7



#89

Di-n-octyl phthalate

Concen: 38.279 ng/ul

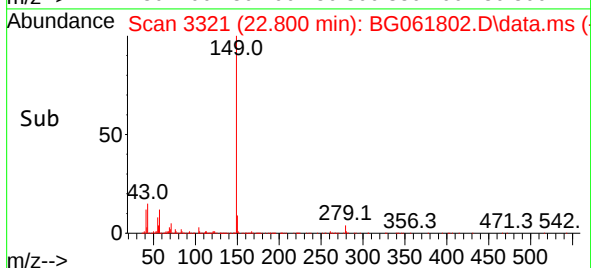
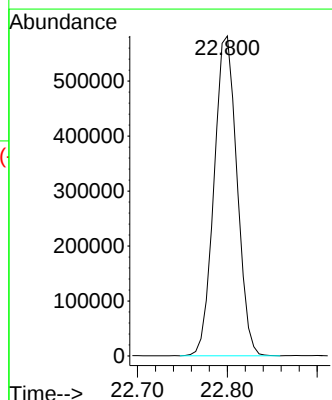
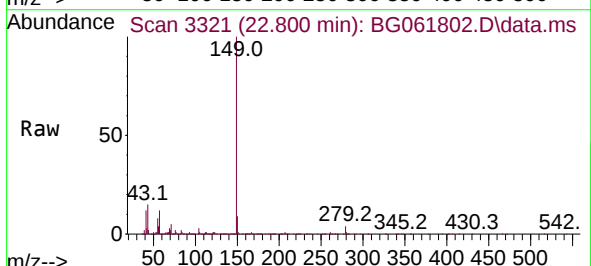
RT: 22.800 min Scan# 3321

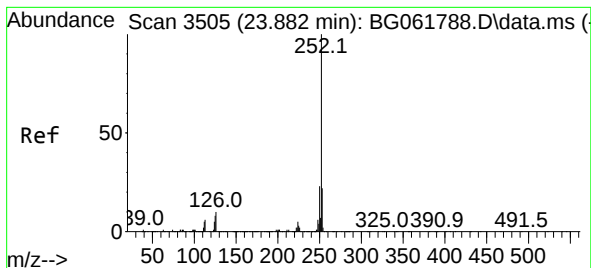
Delta R.T. -0.007 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Tgt Ion:149 Resp: 1030187





#90

Benzo(b)fluoranthene

Concen: 33.240 ng/ul

RT: 23.887 min Scan# 3505

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

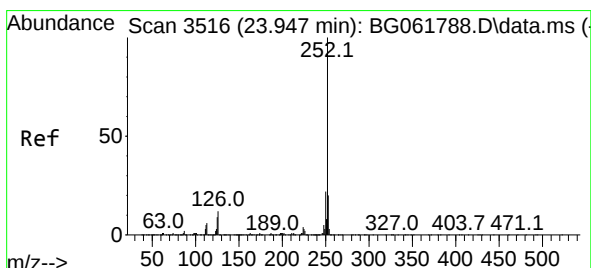
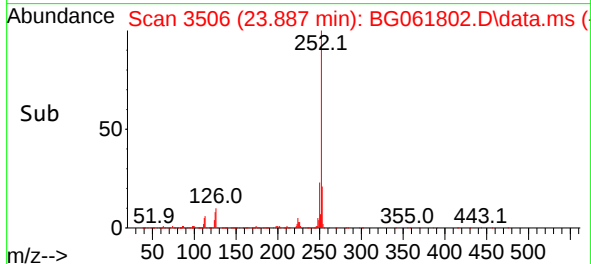
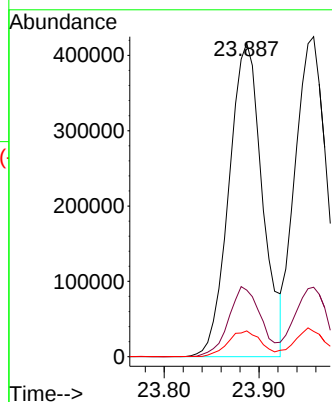
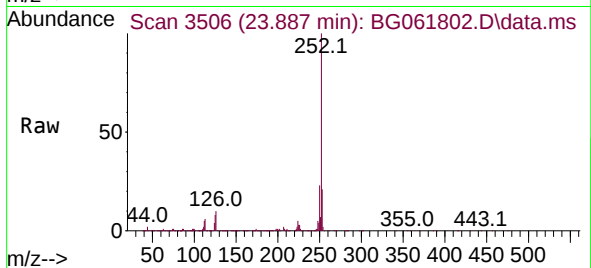
Tgt Ion:252 Resp: 1019571

Ion Ratio Lower Upper

252 100

253 21.2 18.6 27.8

125 8.2 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 31.051 ng/ul

RT: 23.958 min Scan# 3518

Delta R.T. -0.001 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

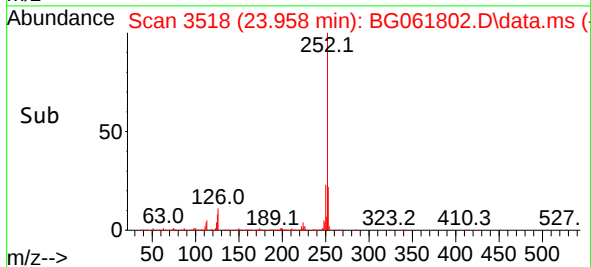
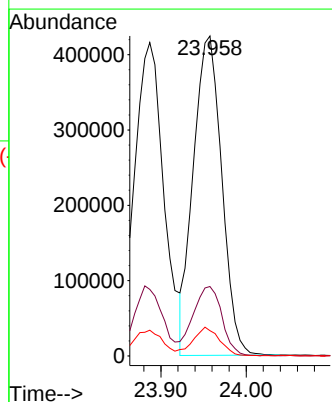
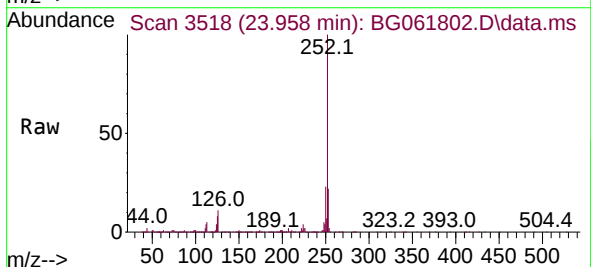
Tgt Ion:252 Resp: 979508

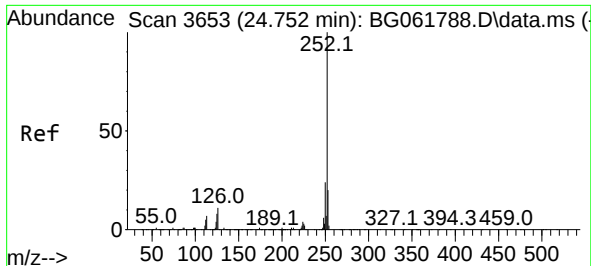
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 7.9 6.2 9.2

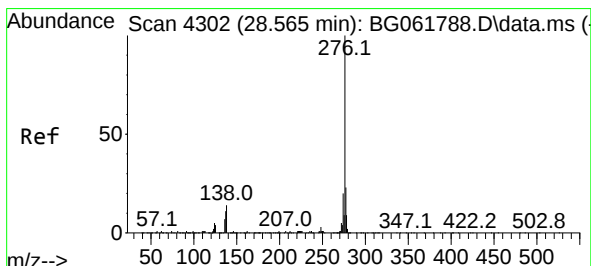
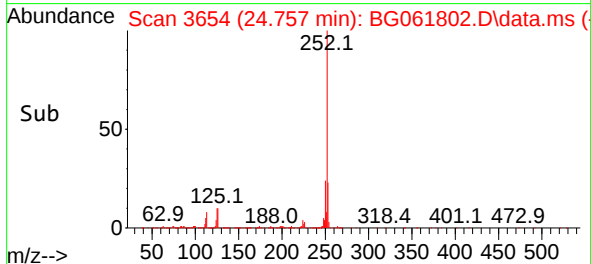
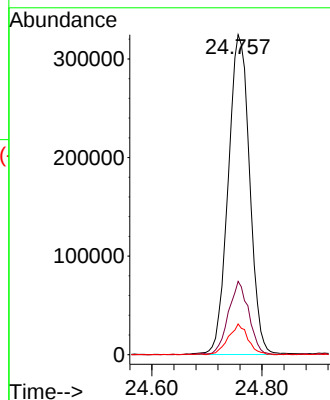
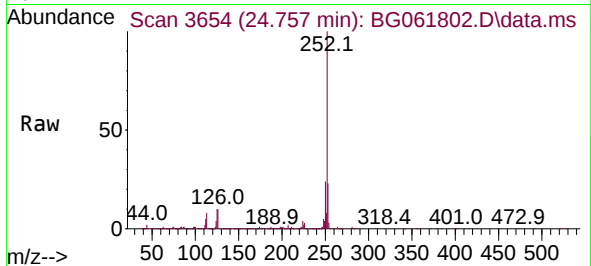




#93
Benzo(a)pyrene
Concen: 29.704 ng/ul
RT: 24.757 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

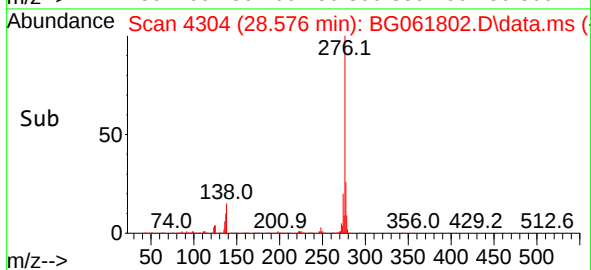
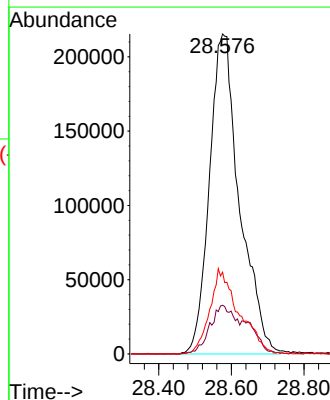
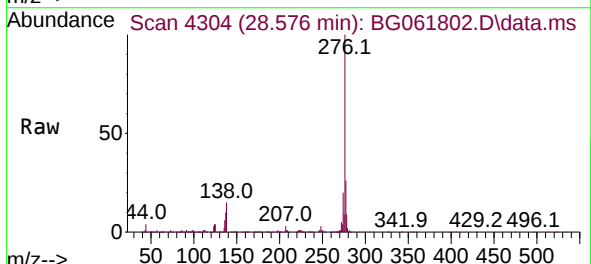
Instrument :
BNA_G
ClientSampleId :
SLCS592

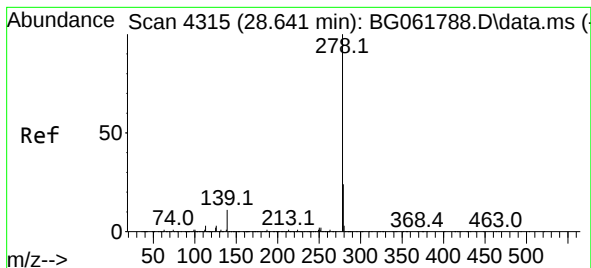
Tgt Ion:252 Resp: 877132
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 9.6 6.5 9.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 33.753 ng/ul
RT: 28.576 min Scan# 4304
Delta R.T. 0.011 min
Lab File: BG061802.D
Acq: 29 Jun 2024 11:55

Tgt Ion:276 Resp: 1242014
Ion Ratio Lower Upper
276 100
138 15.2 12.2 18.4
277 25.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 33.296 ng/ul

RT: 28.646 min Scan# 4315

Delta R.T. 0.011 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Instrument :

BNA_G

ClientSampleId :

SLCS592

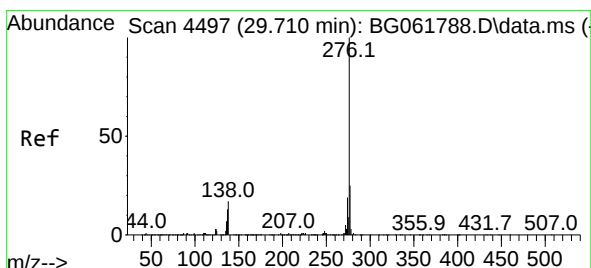
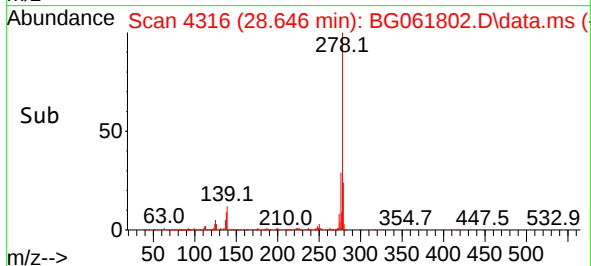
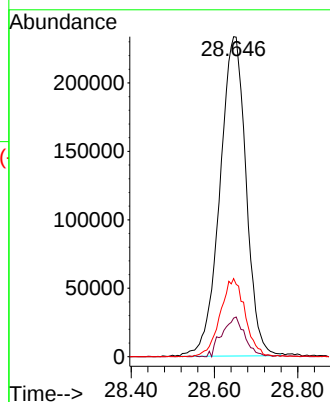
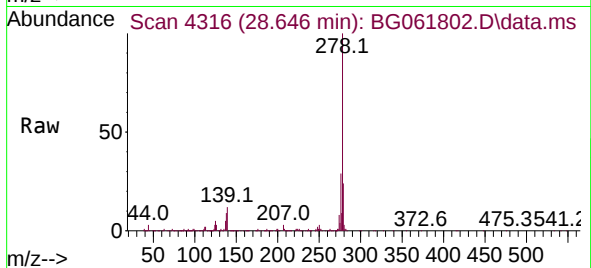
Tgt Ion:278 Resp: 1018799

Ion Ratio Lower Upper

278 100

139 12.1 9.1 13.7

279 24.4 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 32.297 ng/ul

RT: 29.715 min Scan# 4498

Delta R.T. 0.005 min

Lab File: BG061802.D

Acq: 29 Jun 2024 11:55

Tgt Ion:276 Resp: 957998

Ion Ratio Lower Upper

276 100

138 16.8 12.2 18.4

277 22.6 18.6 27.8

