

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
 Data File : BG060476.D
 Acq On : 30 Jan 2024 1:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020482

Quant Time: Jan 30 01:51:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 06:06:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	164991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	785220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.559	164	581784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	1286657	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1353891	20.000	ng/ul	0.00
88) Perylene-d12	24.735	264	1503189	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	25499	7.744	ng/uL	0.00
4) Pyridine-d5	3.772	84	209855	20.148	ng/ul	0.00
7) Phenol-d5	7.086	99	280394	17.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.250	67	173193	17.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.456	132	194446	18.582	ng/ul	0.00
15) 4-Methylphenol-d8	8.631	113	224836	17.419	ng/ul	0.00
21) Nitrobenzene-d5	9.083	128	97459	16.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.806	143	118393	17.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	262234	18.632	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	325004	17.603	ng/ul	0.00
46) Dimethylphthalate-d6	13.966	166	845100	17.752	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	990612	18.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	104802	15.370	ng/ul	0.00
60) Fluorene-d10	15.552	176	766403	18.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	135850	17.051	ng/ul	0.00
73) Anthracene-d10	17.409	188	1151682	18.882	ng/ul	0.00
81) Pyrene-d10	19.700	212	1484805	18.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	1425601	18.079	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	28991	7.958	ng/uL	95
5) Pyridine	3.789	79	209455	19.780	ng/ul	95
6) Benzaldehyde	7.062	77	145565	24.439	ng/ul	97
8) Phenol	7.115	94	287773	17.569	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.344	93	232651	17.833	ng/ul	98
12) 2-Chlorophenol	7.491	128	199689	18.500	ng/ul	95
13) 2-Methylphenol	8.366	108	220504	17.420	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.443	45	310875	18.056	ng/ul	97
16) Acetophenone	8.742	105	370339	18.004	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.725	70	195480	17.624	ng/ul	98
18) 4-Methylphenol	8.695	108	243437	17.887	ng/ul	100
19) Hexachloroethane	9.001	117	84202	17.644	ng/ul	94
22) Nitrobenzene	9.124	77	285539	18.021	ng/ul	91
23) Isophorone	9.641	82	561642	16.349	ng/ul	99
25) 2-Nitrophenol	9.835	139	123416	17.940	ng/ul	98
26) 2,4-Dimethylphenol	9.900	107	246674	17.376	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.129	93	343937	17.588	ng/ul	98
29) 2,4-Dichlorophenol	10.376	162	257451	19.030	ng/ul	89
30) Naphthalene	10.775	128	783059	18.482	ng/ul	99
32) 4-Chloroaniline	10.887	127	312337	17.243	ng/ul	100
33) Hexachlorobutadiene	11.057	225	212075	18.879	ng/ul	96
34) Caprolactam	11.639	113	73732	16.371	ng/ul	93
35) 4-Chloro-3-methylphenol	12.009	107	255289	18.822	ng/ul	98
36) 2-Methylnaphthalene	12.385	142	561872	18.864	ng/ul	95

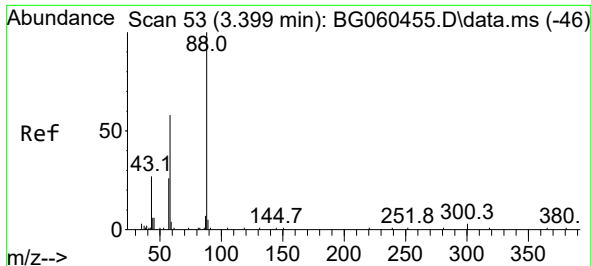
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.603	142	564174	18.741	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.749	216	412985	19.504	ng/ul	99
40) Hexachlorocyclopentadiene	12.732	237	231781	18.102	ng/ul	97
41) 2,4,6-Trichlorophenol	12.990	196	244720	18.960	ng/ul	99
42) 2,4,5-Trichlorophenol	13.067	196	247137	18.120	ng/ul	99
43) 1,1'-Biphenyl	13.396	154	812584	18.855	ng/ul	99
44) 2-Chloronaphthalene	13.437	162	686842	18.876	ng/ul	98
45) 2-Nitroaniline	13.643	65	172355	18.819	ng/ul	94
47) Dimethylphthalate	14.013	163	844134	17.764	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	166987	18.633	ng/ul	97
50) Acenaphthylene	14.283	152	1087725	18.463	ng/ul	98
51) 3-Nitroaniline	14.471	138	137422	18.242	ng/ul#	97
52) Acenaphthene	14.624	153	714157	18.173	ng/ul	98
53) 2,4-Dinitrophenol	14.677	184	68054	13.913	ng/ul	96
55) 4-Nitrophenol	14.777	109	72305	15.575	ng/ul	96
56) Dibenzofuran	14.959	168	1020301	18.390	ng/ul	98
57) 2,4-Dinitrotoluene	14.923	165	237811	18.109	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.188	232	229647	18.117	ng/ul#	96
59) Diethylphthalate	15.376	149	795711	17.415	ng/ul	99
61) Fluorene	15.611	166	844089	18.545	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.599	204	463200	18.437	ng/ul	97
63) 4-Nitroaniline	15.634	138	128421	17.401	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.687	198	142217	17.065	ng/ul	97
67) N-Nitrosodiphenylamine	15.816	169	693538	19.873	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	283106	18.940	ng/ul	98
69) Hexachlorobenzene	16.610	284	324949	18.741	ng/ul	97
70) Atrazine	16.762	200	257333	17.937	ng/ul	94
71) Pentachlorophenol	16.962	266	176546	18.487	ng/ul	94
72) Phenanthrene	17.350	178	1290965	19.083	ng/ul	99
74) Anthracene	17.444	178	1304646	18.926	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.361	216	404880	21.697	ng/ul	98
76) Pentachlorobenzene	14.882	250	401291	20.472	ng/ul	98
77) Carbazole	17.714	167	1080802	18.983	ng/ul	99
78) Di-n-butylphthalate	18.267	149	1228717	18.307	ng/ul	99
80) Fluoranthene	19.365	202	1645130	18.168	ng/ul	99
82) Pyrene	19.730	202	1739719	18.460	ng/ul	98
83) Butylbenzylphthalate	20.617	149	591181	17.599	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.475	252	598046	19.146	ng/ul	98
85) Benzo(a)anthracene	21.551	228	1765511	18.911	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	889090	17.732	ng/ul	99
87) Chrysene	21.621	228	1695183	19.330	ng/ul	98
89) Di-n-octyl phthalate	22.644	149	1500838	18.709	ng/ul	100
90) Benzo(b)fluoranthene	23.731	252	1708503	18.316	ng/ul	98
91) Benzo(k)fluoranthene	23.795	252	1774020	18.624	ng/ul	97
93) Benzo(a)pyrene	24.583	252	1640453	18.281	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.331	276	1989513	18.086	ng/ul	99
95) Dibenzo(a,h)anthracene	28.384	278	1639662	18.270	ng/ul	97
96) Benzo(g,h,i)perylene	29.453	276	1585137	17.798	ng/ul	97

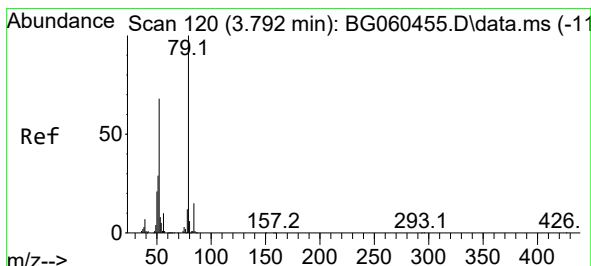
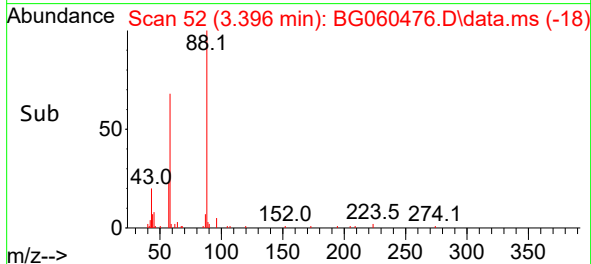
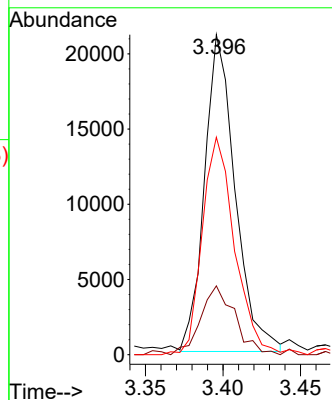
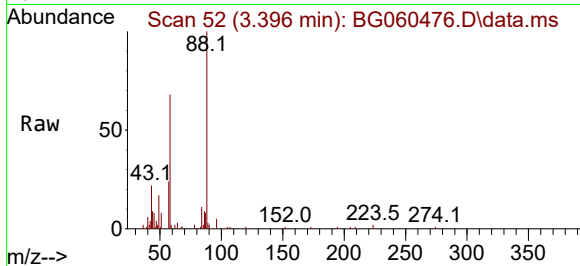
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#2
1,4-Dioxane
Concen: 7.958 ng/uL
RT: 3.396 min Scan# 51
Delta R.T. -0.000 min
Lab File: BG060476.D
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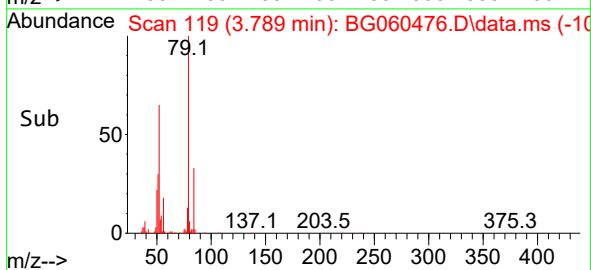
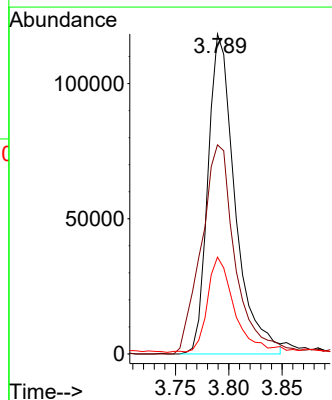
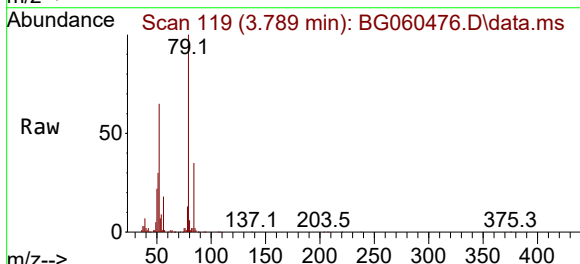
Instrument :
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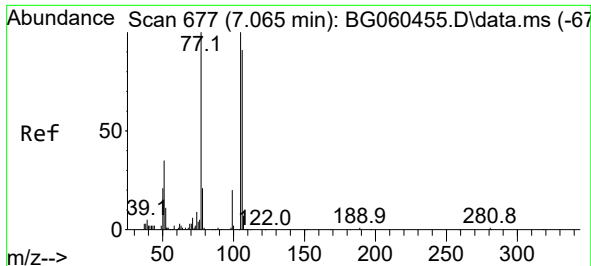
Tgt Ion: 88 Resp: 28991
Ion Ratio Lower Upper
88 100
43 21.5 15.4 23.0
58 67.9 57.8 86.8



#5
Pyridine
Concen: 19.780 ng/uL
RT: 3.789 min Scan# 119
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 79 Resp: 209455
Ion Ratio Lower Upper
79 100
52 65.3 55.8 83.6
51 30.3 23.1 34.7

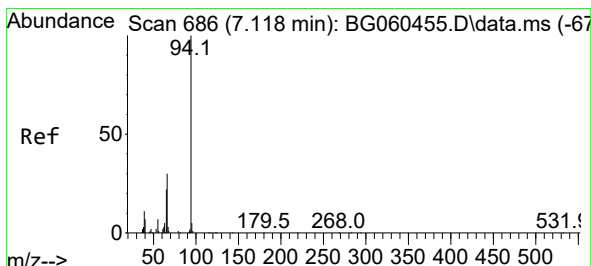
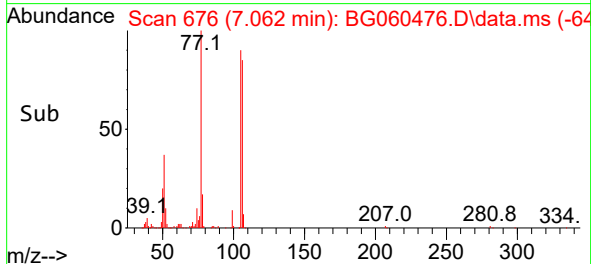
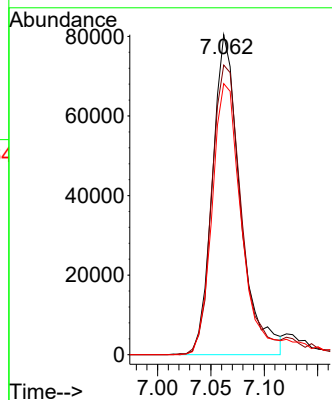
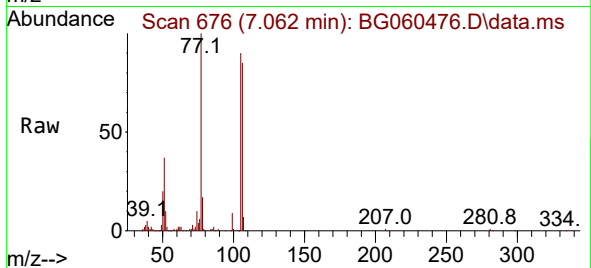




#6
Benzaldehyde
Concen: 24.439 ng/ul
RT: 7.062 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

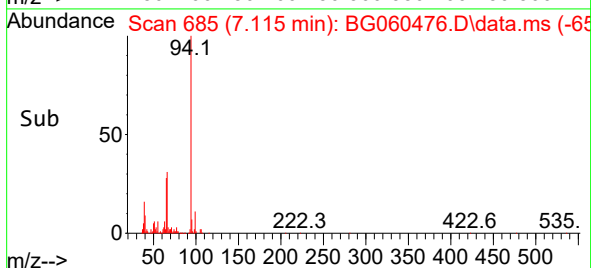
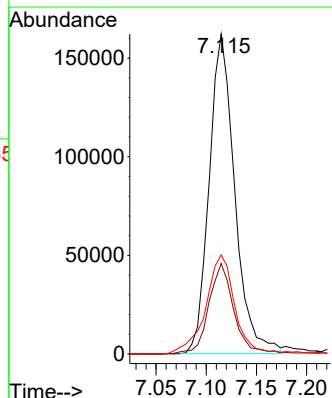
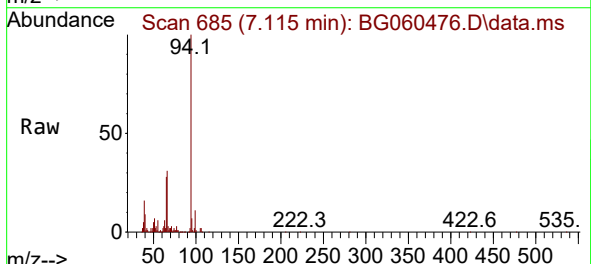
Instrument :
BNA_G
ClientSampleId :
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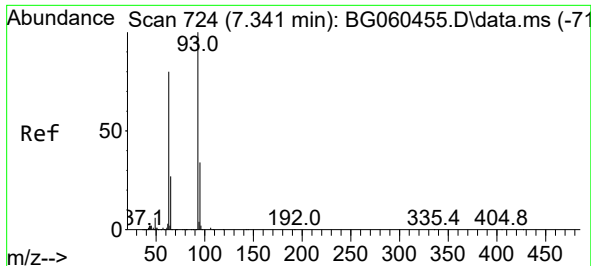
Tgt Ion: 77 Resp: 145565
Ion Ratio Lower Upper
77 100
105 90.5 73.1 109.7
106 84.7 71.1 106.7



#8
Phenol
Concen: 17.569 ng/ul
RT: 7.115 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 94 Resp: 287773
Ion Ratio Lower Upper
94 100
65 28.3 20.8 31.2
66 31.0 26.3 39.5

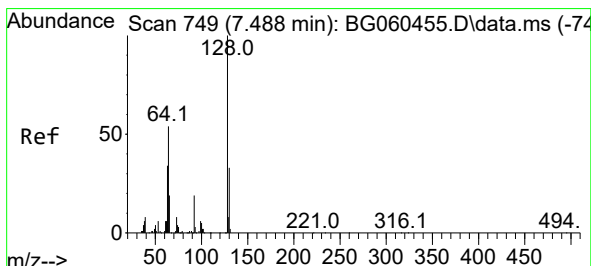
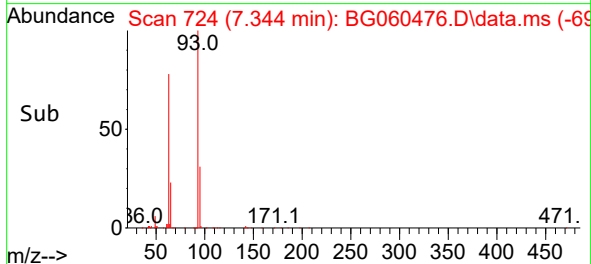
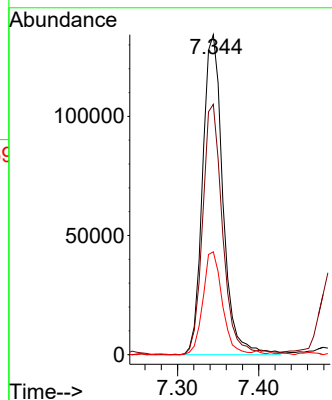
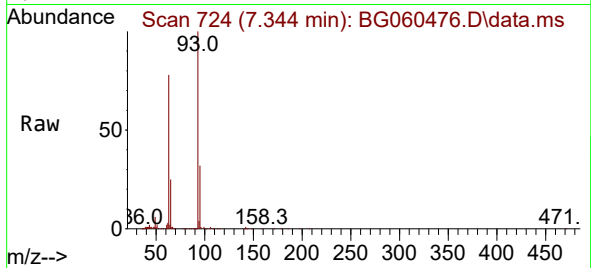




#10
Bis(2-Chloroethyl)ether
Concen: 17.833 ng/ul
RT: 7.344 min Scan# 724
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

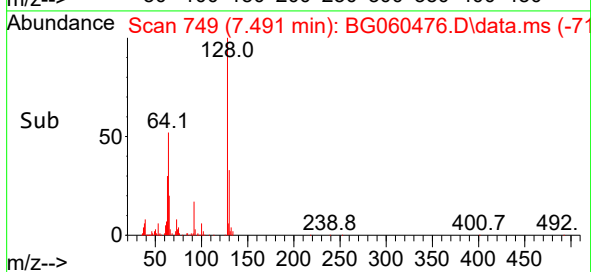
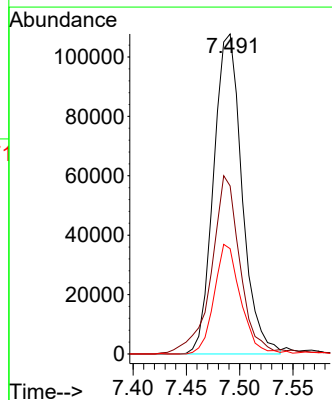
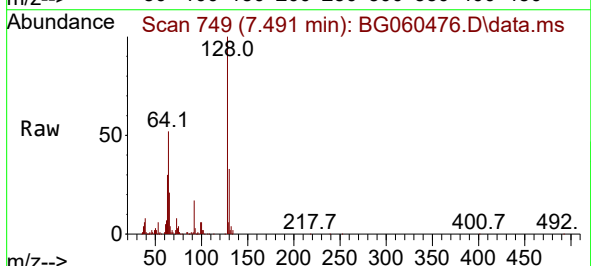
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ClientSampleId :
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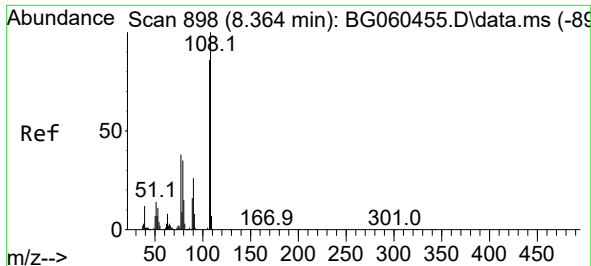
Tgt Ion: 93 Resp: 232651
Ion Ratio Lower Upper
93 100
63 78.3 61.4 92.0
95 32.1 26.2 39.2



#12
2-Chlorophenol
Concen: 18.500 ng/ul
RT: 7.491 min Scan# 749
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:128 Resp: 199689
Ion Ratio Lower Upper
128 100
64 52.5 39.6 59.4
130 32.9 23.8 35.8

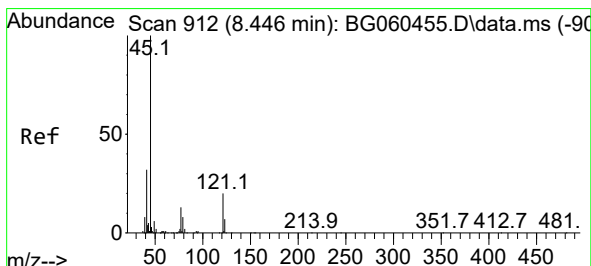
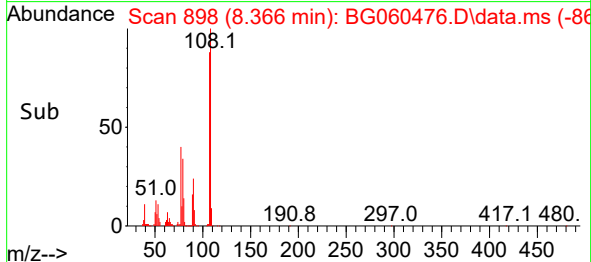
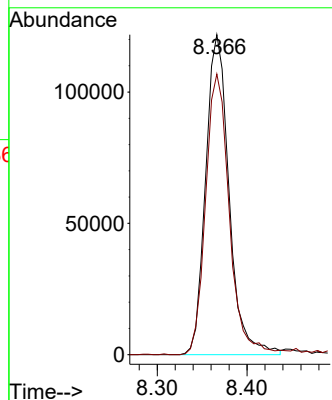
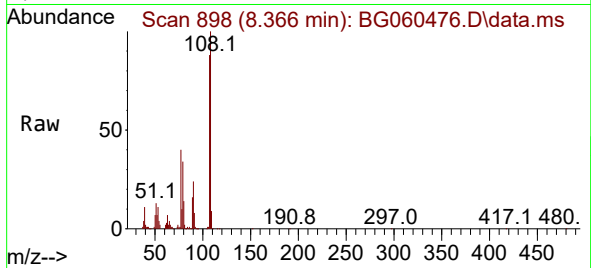




#13
2-Methylphenol
Concen: 17.420 ng/ul
RT: 8.366 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

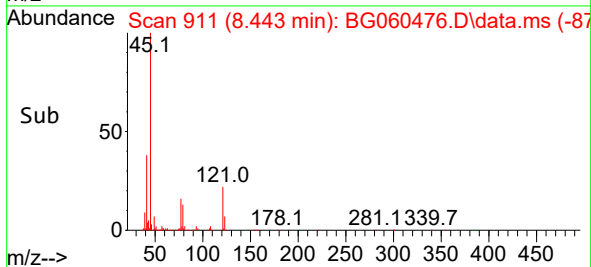
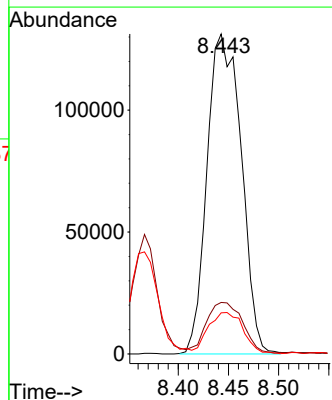
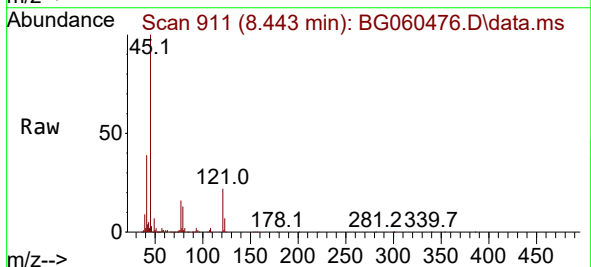
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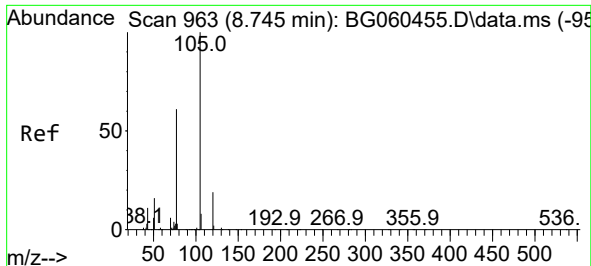
Tgt Ion:108 Resp: 220504
Ion Ratio Lower Upper
108 100
107 87.7 68.9 103.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.056 ng/ul
RT: 8.443 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 45 Resp: 310875
Ion Ratio Lower Upper
45 100
77 16.1 14.2 21.4
79 12.9 10.9 16.3

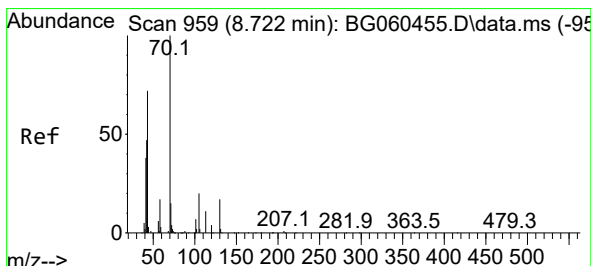
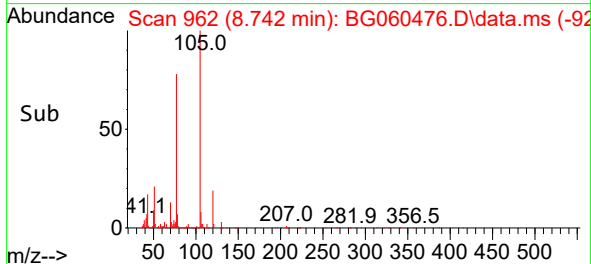
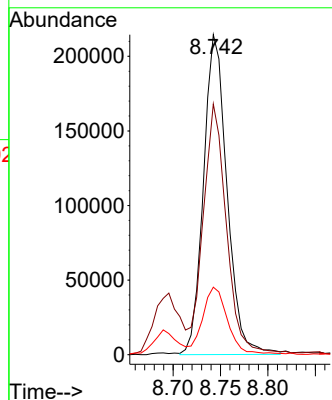
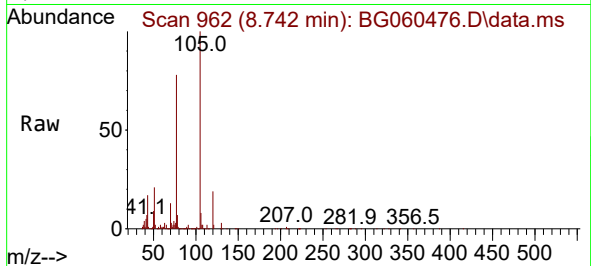




#16
Acetophenone
Concen: 18.004 ng/ul
RT: 8.742 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

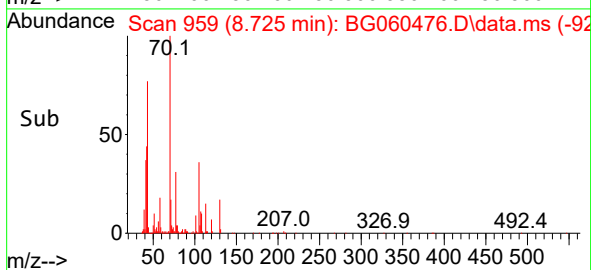
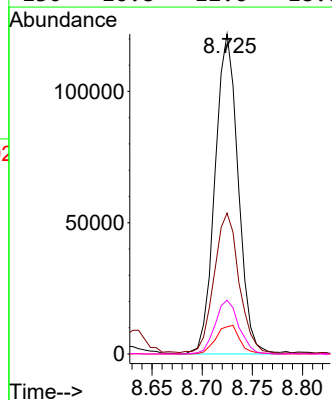
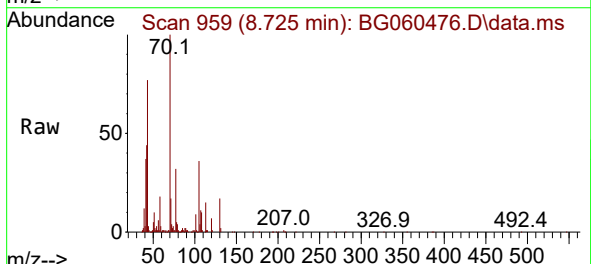
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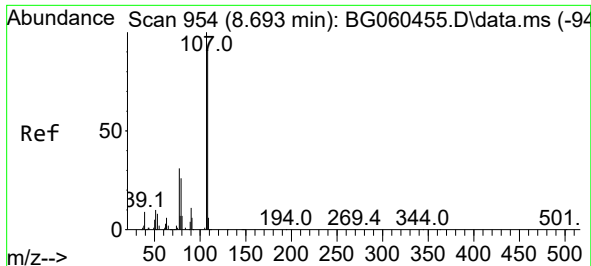
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Ion Ratio Lower Upper
105 100
77 78.3 59.1 88.7
51 21.1 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 17.624 ng/ul
RT: 8.725 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 70 Resp: 195480
Ion Ratio Lower Upper
70 100
42 44.0 33.8 50.8
101 8.5 6.9 10.3
130 16.8 12.6 18.8

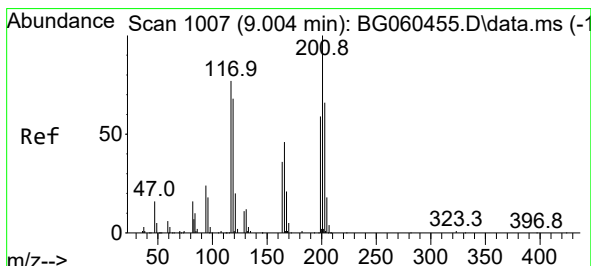
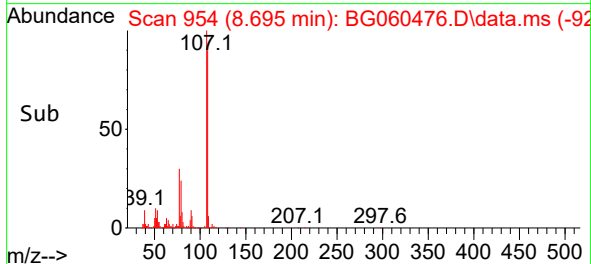
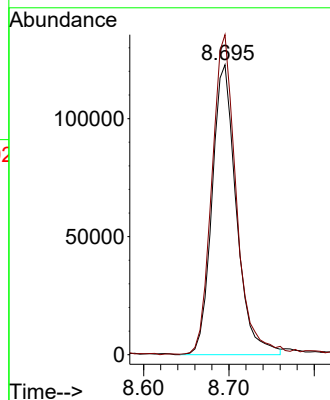
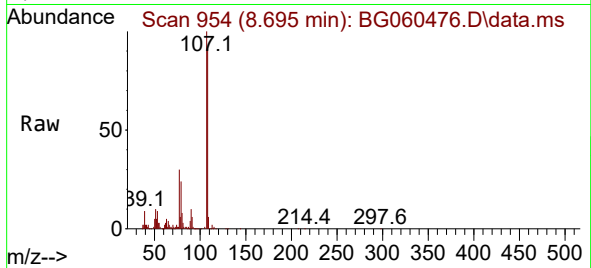




#18
4-Methylphenol
Concen: 17.887 ng/ul
RT: 8.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

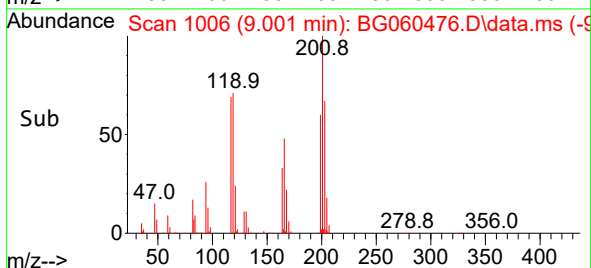
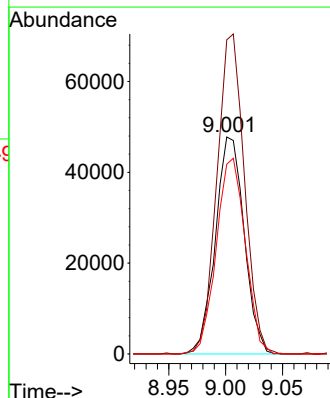
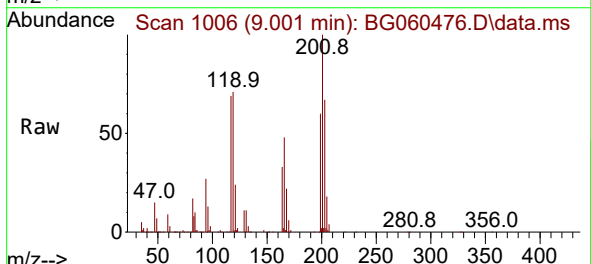
Instrument :
BNA_G
ClientSampleId :
SSTD020482

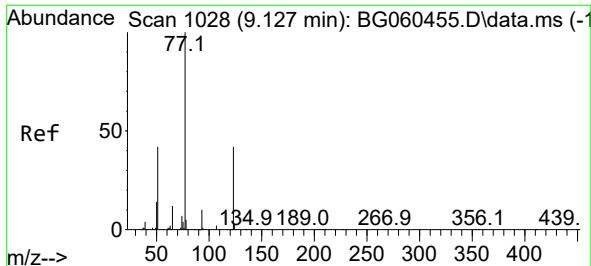
Tgt Ion:108 Resp: 243437
Ion Ratio Lower Upper
108 100
107 110.4 88.2 132.4



#19
Hexachloroethane
Concen: 17.644 ng/ul
RT: 9.001 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:117 Resp: 84202
Ion Ratio Lower Upper
117 100
201 144.8 110.8 166.2
199 87.5 75.7 113.5

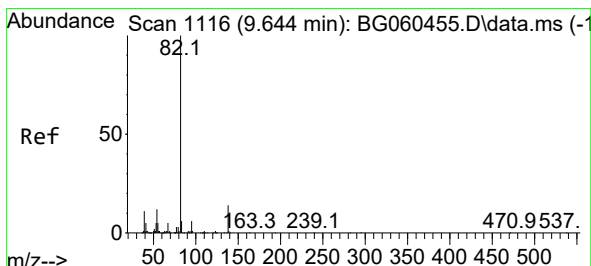
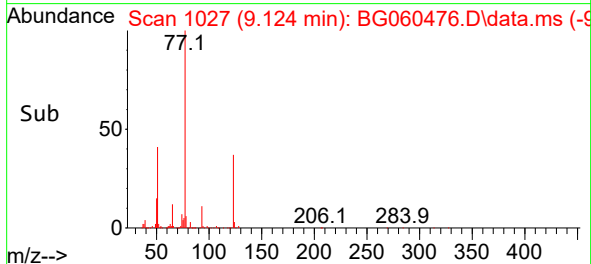
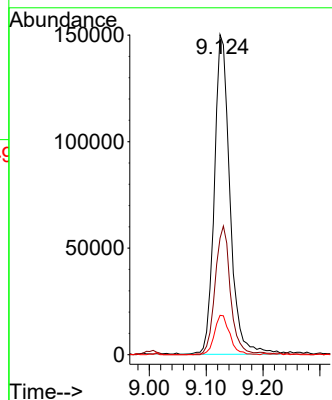
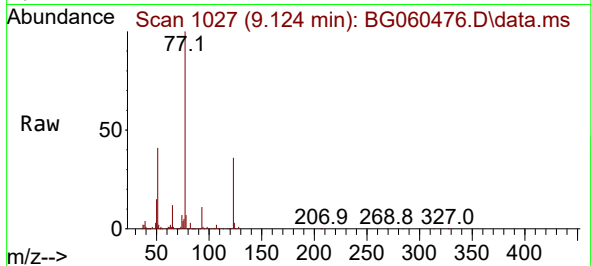




#22
Nitrobenzene
Concen: 18.021 ng/ul
RT: 9.124 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

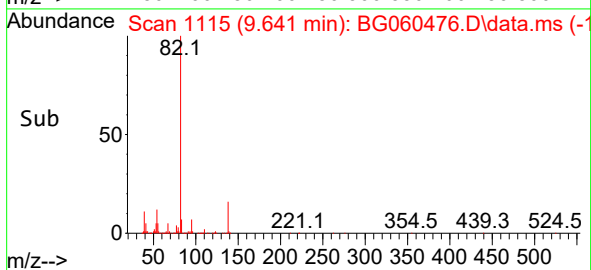
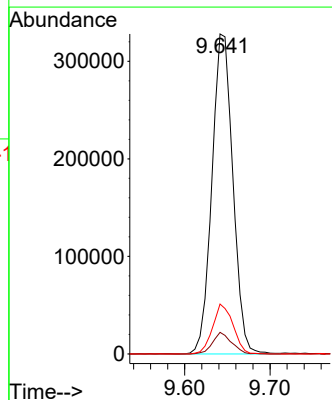
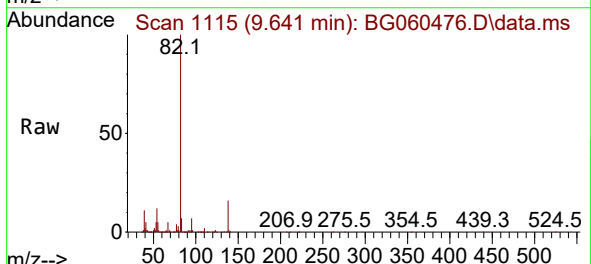
Instrument :
BNA_G
ClientSampleId :
SSTD020482

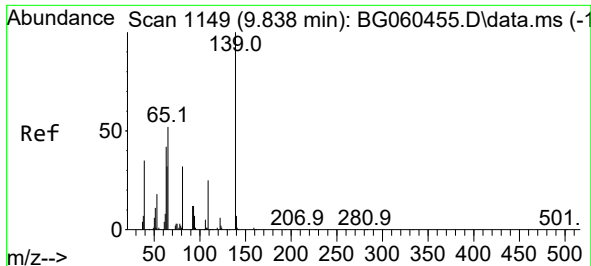
Tgt Ion: 77 Resp: 285539
Ion Ratio Lower Upper
77 100
123 36.4 35.0 52.6
65 12.3 10.5 15.7



#23
Isophorone
Concen: 16.349 ng/ul
RT: 9.641 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 82 Resp: 561642
Ion Ratio Lower Upper
82 100
95 6.7 4.9 7.3
138 15.6 12.5 18.7

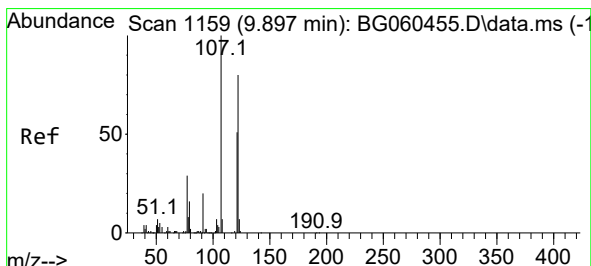
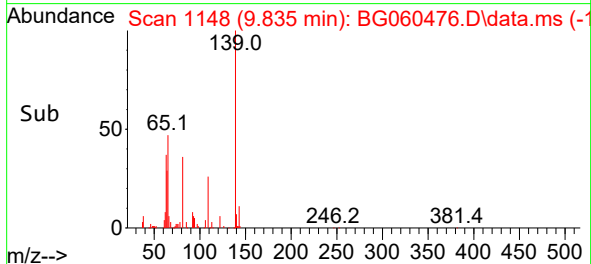
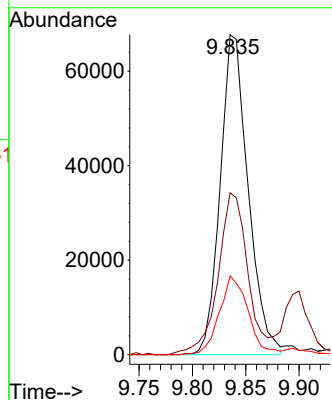
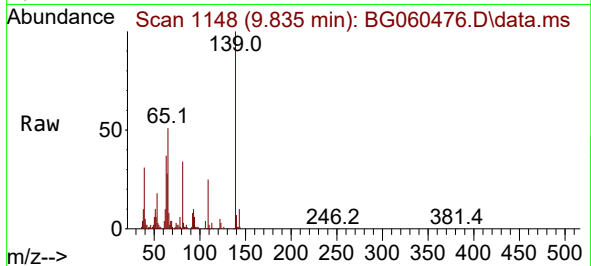




#25
2-Nitrophenol
Concen: 17.940 ng/ul
RT: 9.835 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

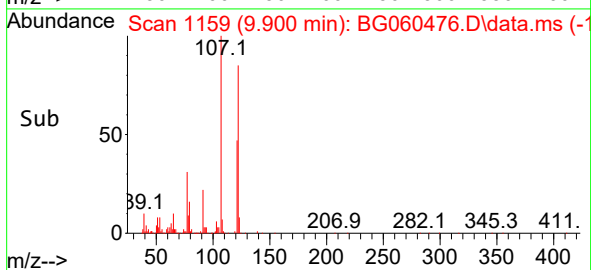
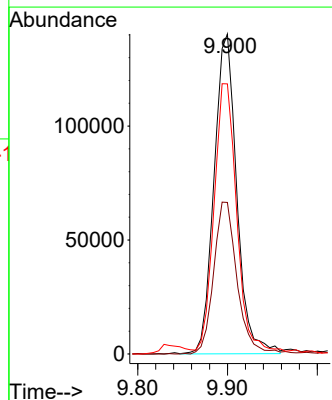
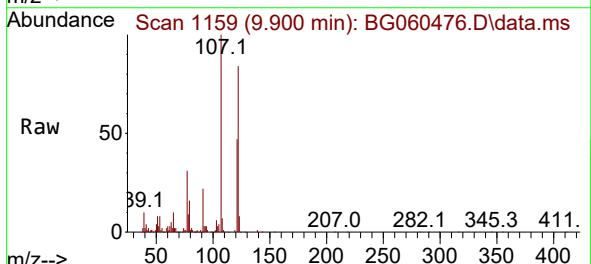
Instrument :
BNA_G
ClientSampleId :
SSTD020482

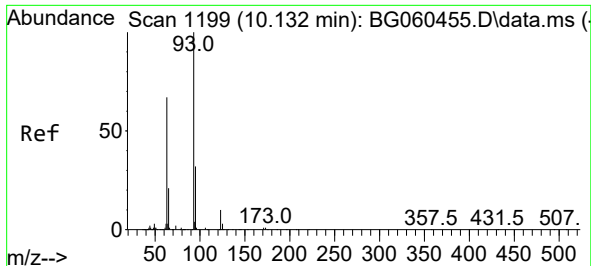
Tgt Ion:139 Resp: 123416
Ion Ratio Lower Upper
139 100
65 50.6 41.0 61.4
109 24.6 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 17.376 ng/ul
RT: 9.900 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:107 Resp: 246674
Ion Ratio Lower Upper
107 100
121 47.3 39.2 58.8
122 84.4 68.6 102.8





#27

Bis(2-Chloroethoxy)methane

Concen: 17.588 ng/ul

RT: 10.129 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

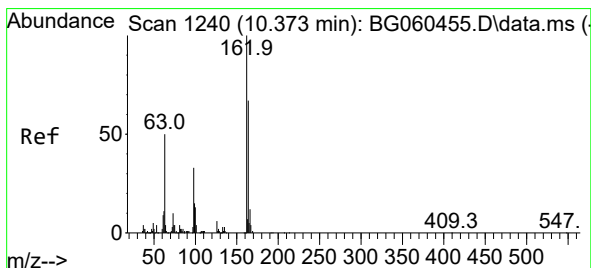
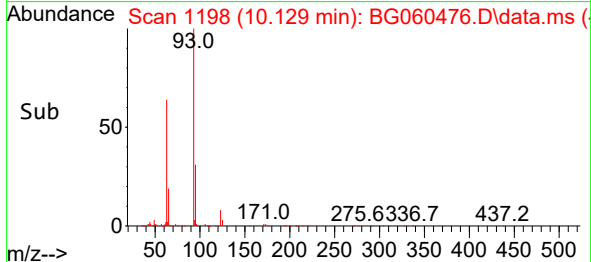
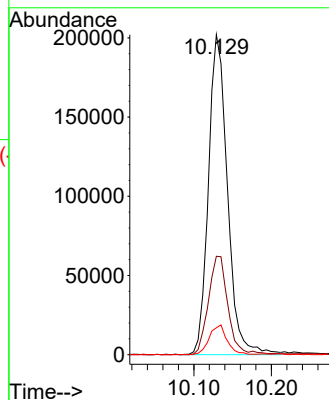
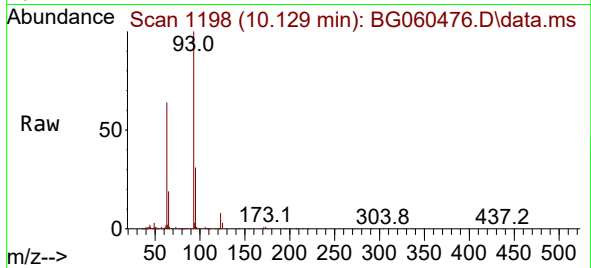
Tgt Ion: 93 Resp: 343937

Ion Ratio Lower Upper

93 100

95 30.8 25.5 38.3

123 8.4 7.0 10.6



#29

2,4-Dichlorophenol

Concen: 19.030 ng/ul

RT: 10.376 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

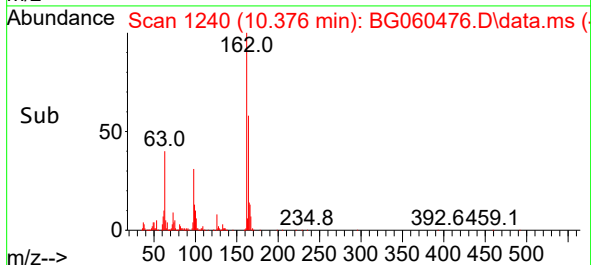
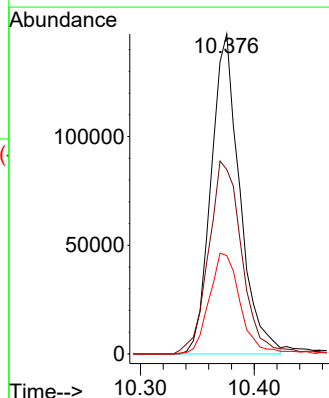
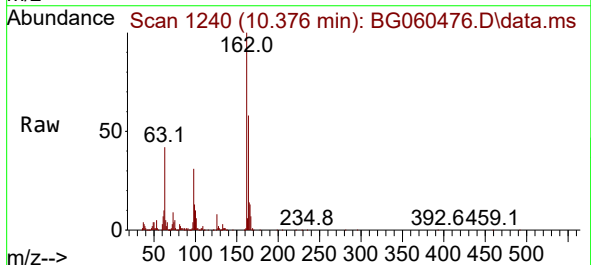
Tgt Ion: 162 Resp: 257451

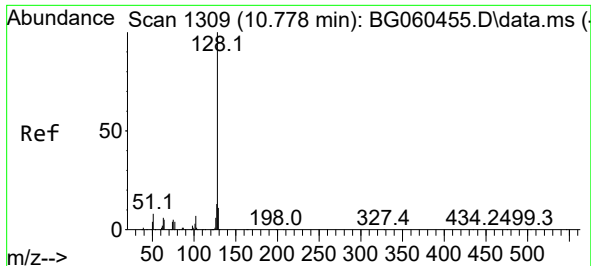
Ion Ratio Lower Upper

162 100

164 57.7 55.2 82.8

98 30.8 27.0 40.6

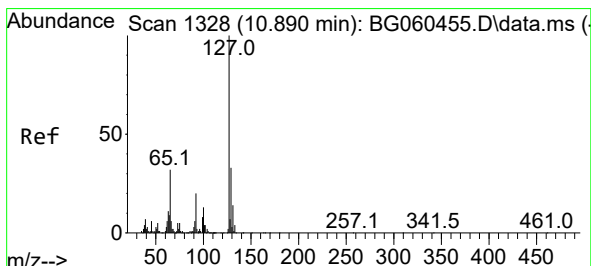
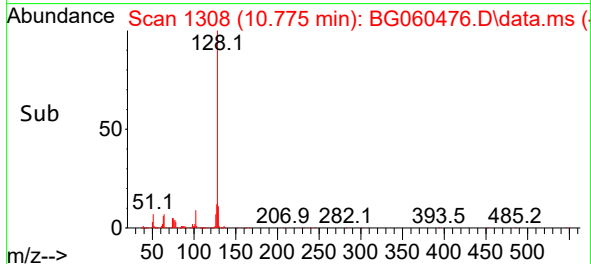
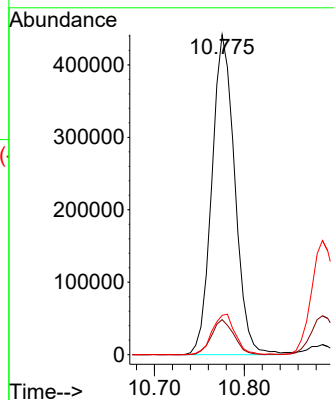
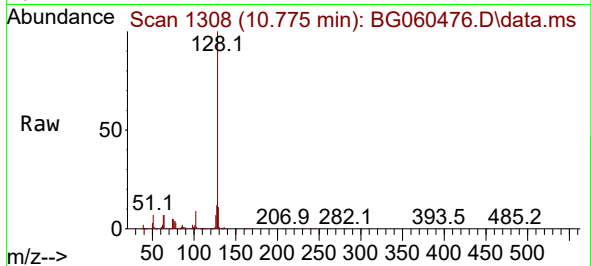




#30
Naphthalene
Concen: 18.482 ng/ul
RT: 10.775 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

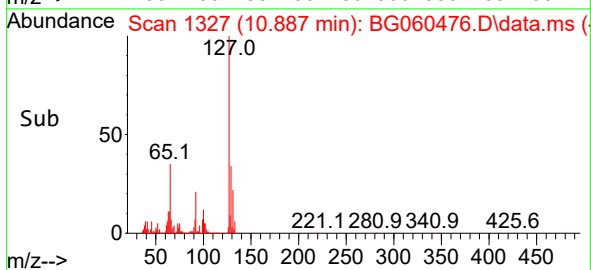
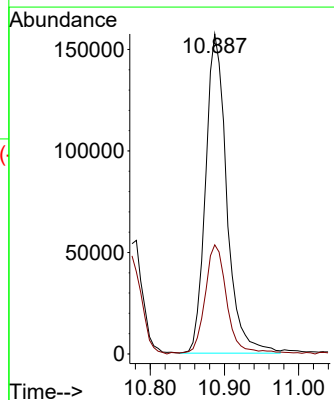
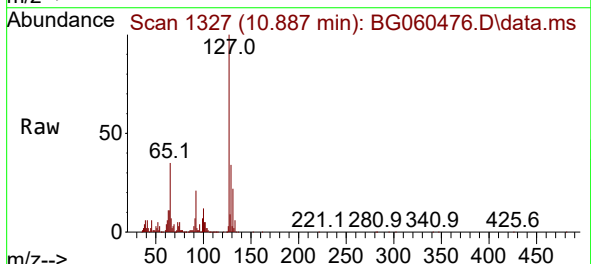
Instrument :
BNA_G
ClientSampleId :
SSTD020482

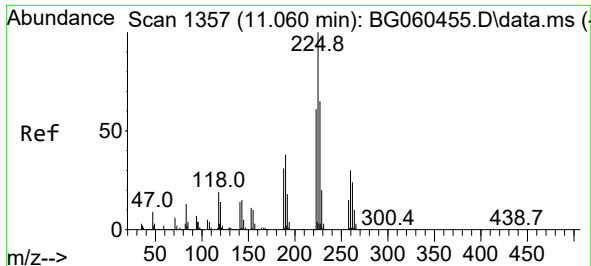
Tgt Ion:128 Resp: 783059
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.3 9.5 14.3



#32
4-Chloroaniline
Concen: 17.243 ng/ul
RT: 10.887 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:127 Resp: 312337
Ion Ratio Lower Upper
127 100
129 34.1 27.2 40.8

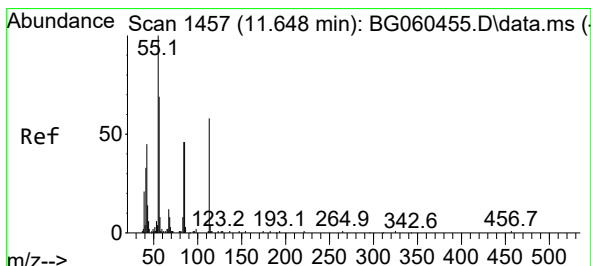
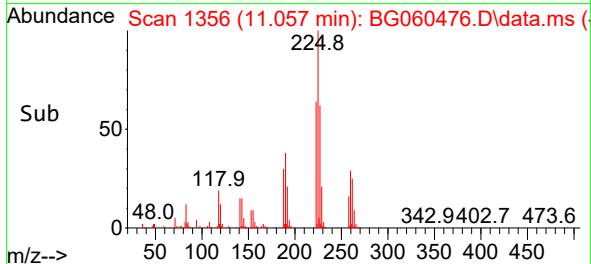
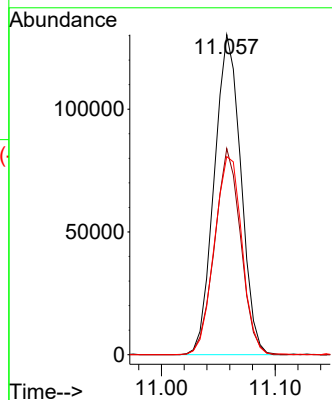
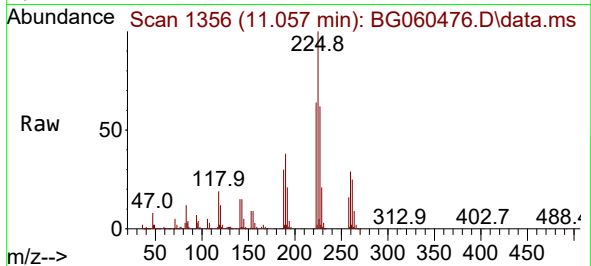




#33
Hexachlorobutadiene
Concen: 18.879 ng/ul
RT: 11.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

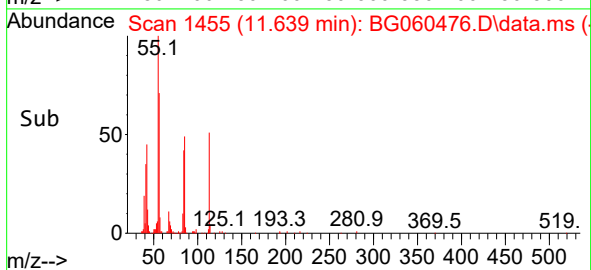
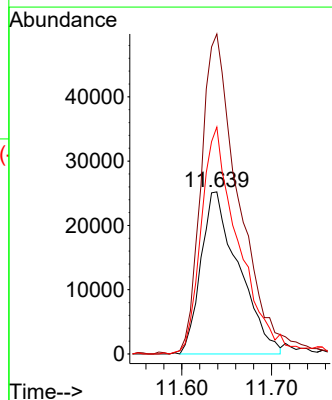
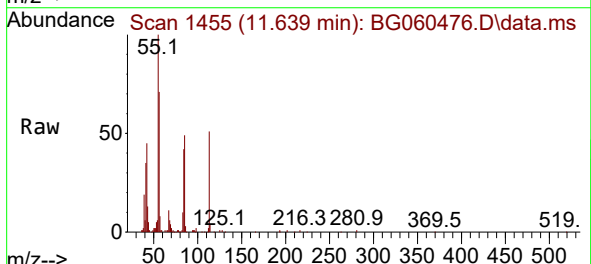
Instrument :
BNA_G
ClientSampleId :
SSTD020482

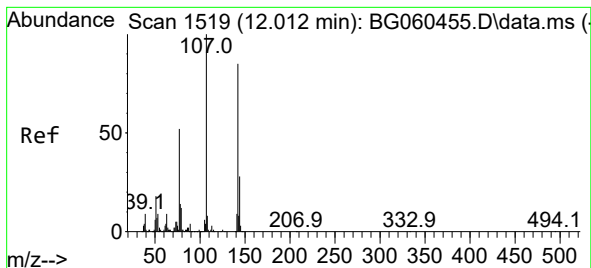
Tgt Ion:225 Resp: 212075
Ion Ratio Lower Upper
225 100
223 66.7 52.0 78.0
227 61.9 52.8 79.2



#34
Caprolactam
Concen: 16.371 ng/ul
RT: 11.639 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:113 Resp: 73732
Ion Ratio Lower Upper
113 100
55 197.4 154.2 231.4
56 140.0 100.6 150.8

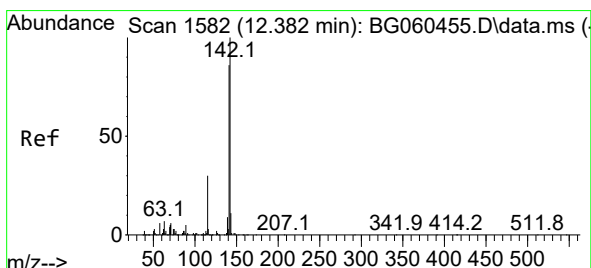
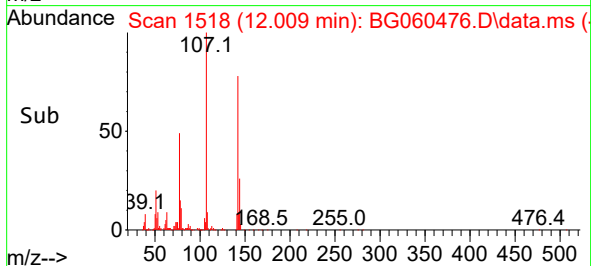
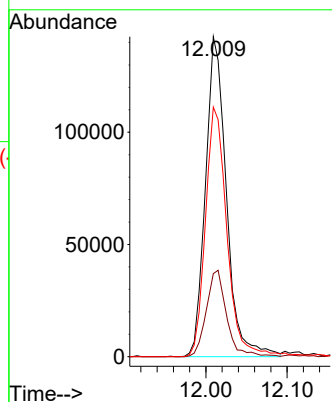
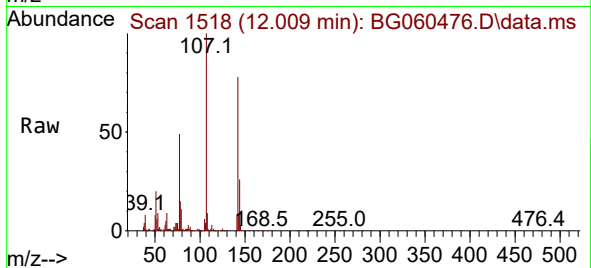




#35
4-Chloro-3-methylphenol
Concen: 18.822 ng/ul
RT: 12.009 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

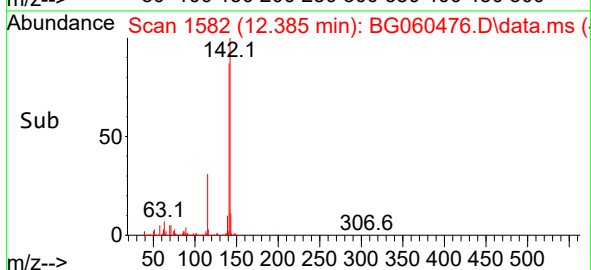
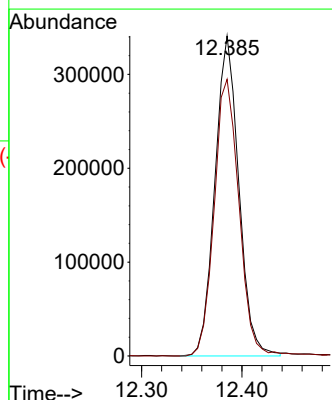
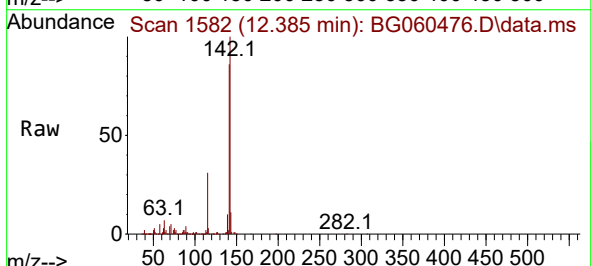
Instrument :
BNA_G
ClientSampleId :
SSTD020482

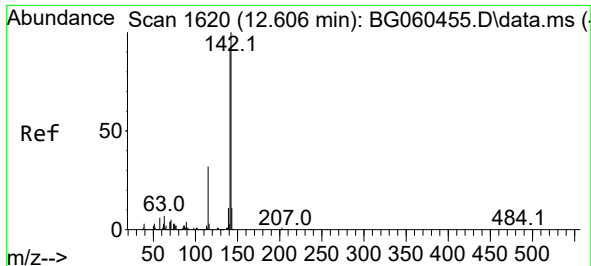
Tgt Ion:107 Resp: 255289
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.2
142 78.0 64.1 96.1



#36
2-Methylnaphthalene
Concen: 18.864 ng/ul
RT: 12.385 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:142 Resp: 561872
Ion Ratio Lower Upper
142 100
141 86.4 72.6 108.8

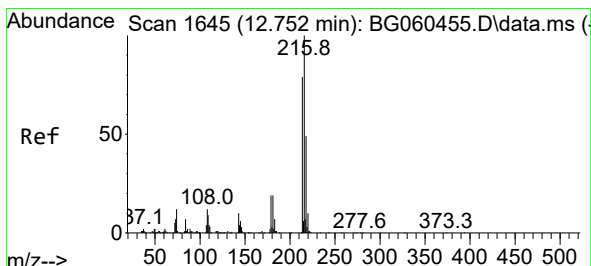
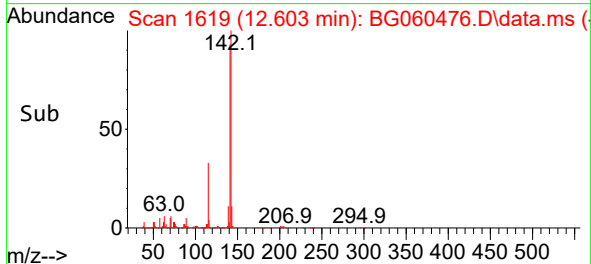
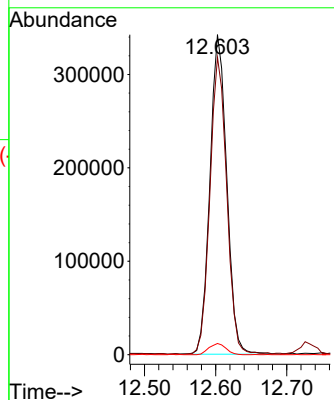
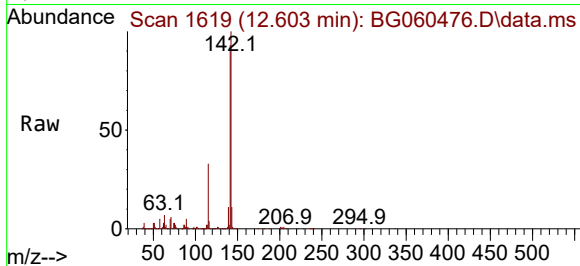




#37
1-Methylnaphthalene
Concen: 18.741 ng/ul
RT: 12.603 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

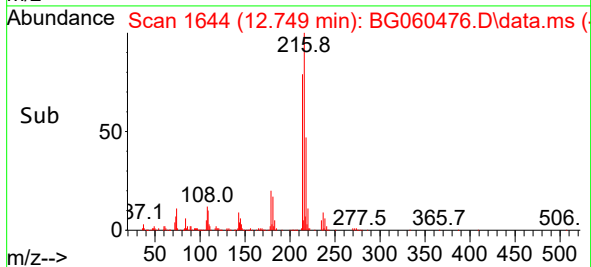
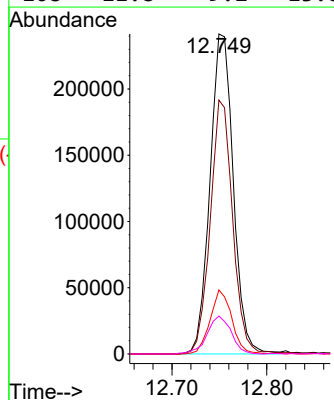
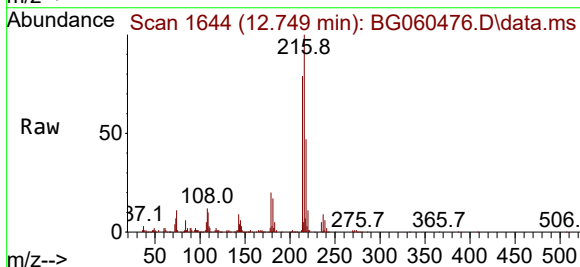
Instrument :
BNA_G
ClientSampleId :
SSTD020482

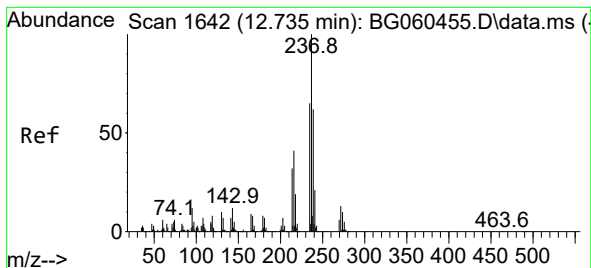
Tgt Ion:142 Resp: 564174
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4
116 3.5 2.3 3.5#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.504 ng/ul
RT: 12.749 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:216 Resp: 412985
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.0 15.2 22.8
108 11.8 9.2 13.8





#40

Hexachlorocyclopentadiene

Concen: 18.102 ng/ul

RT: 12.732 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

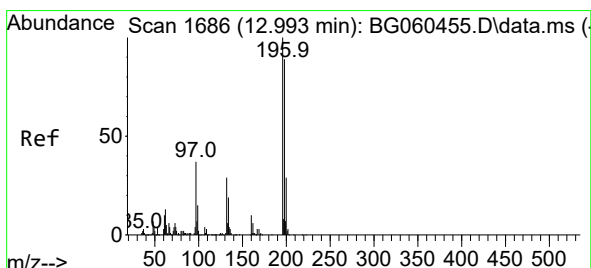
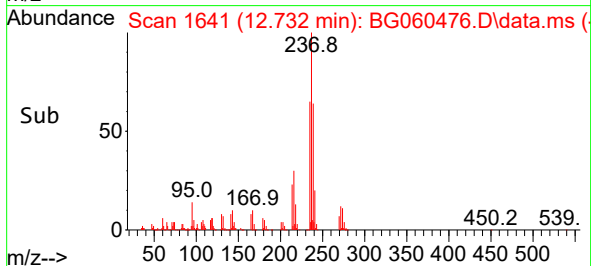
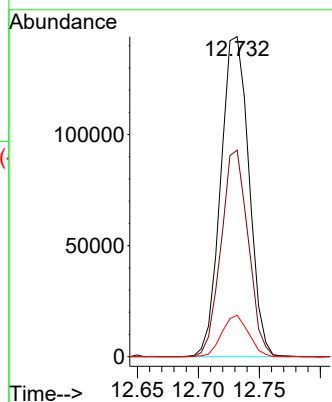
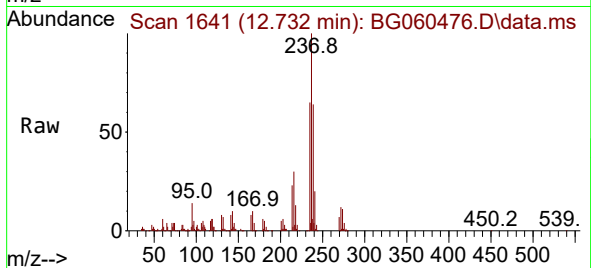
Tgt Ion:237 Resp: 231781

Ion Ratio Lower Upper

237 100

235 64.6 49.4 74.0

272 13.0 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 18.960 ng/ul

RT: 12.990 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

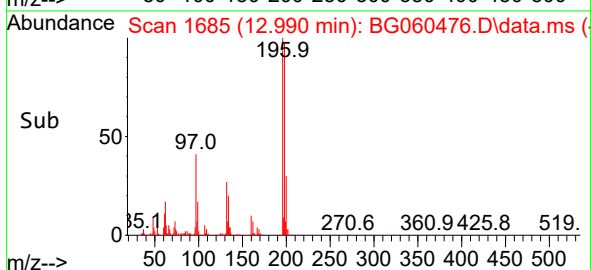
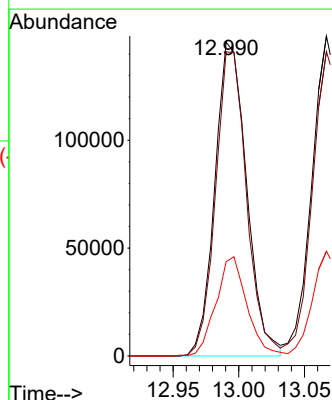
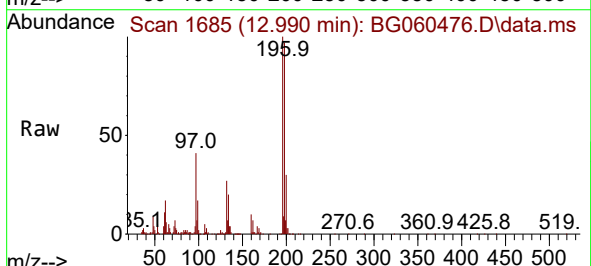
Tgt Ion:196 Resp: 244720

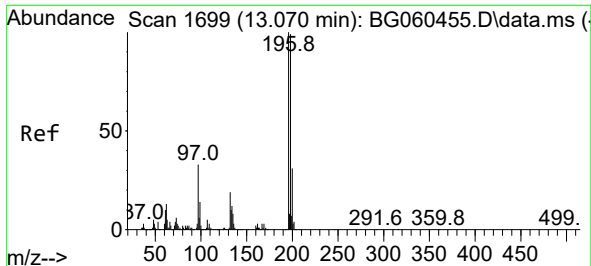
Ion Ratio Lower Upper

196 100

198 96.9 76.3 114.5

200 30.1 24.4 36.6

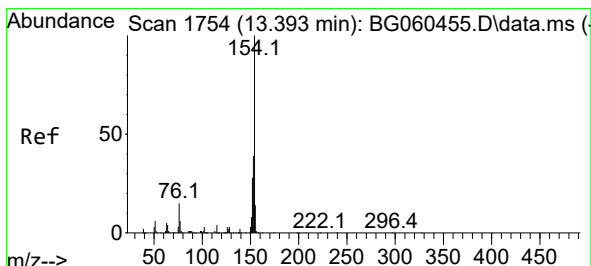
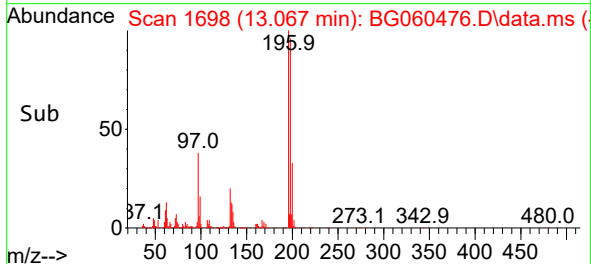
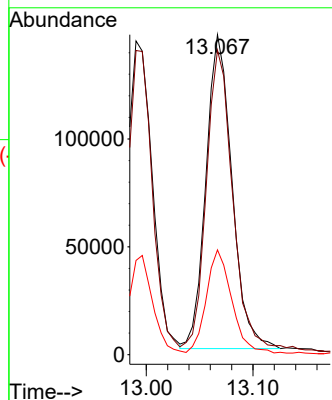
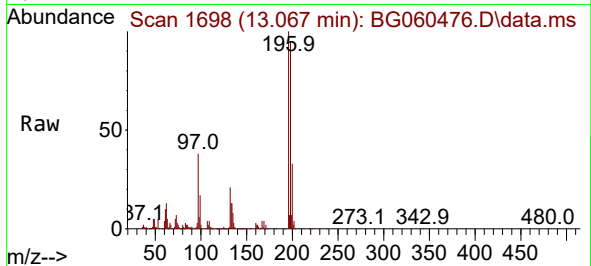




#42
2,4,5-Trichlorophenol
Concen: 18.120 ng/ul
RT: 13.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

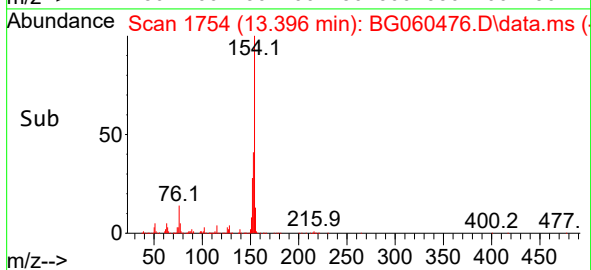
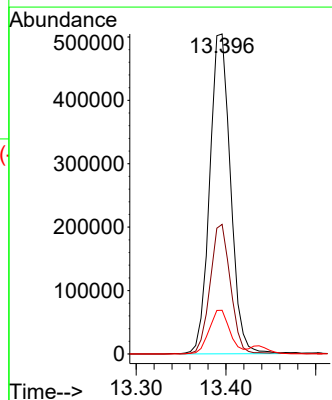
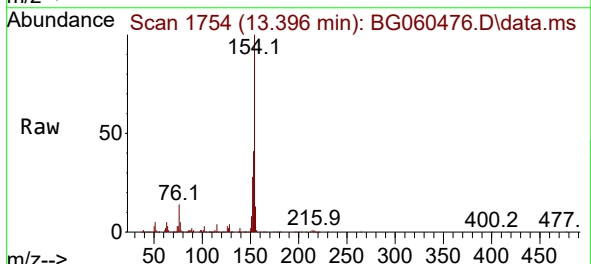
Instrument :
BNA_G
ClientSampleId :
SSTD020482

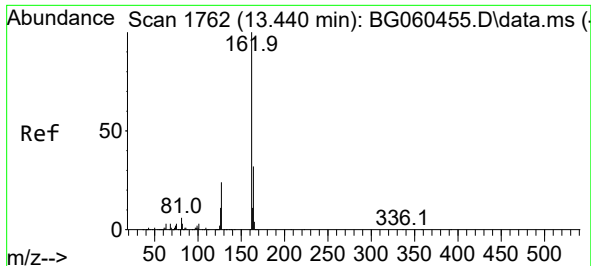
Tgt Ion:196 Resp: 247137
Ion Ratio Lower Upper
196 100
198 95.2 75.7 113.5
200 32.7 24.9 37.3



#43
1,1'-Biphenyl
Concen: 18.855 ng/ul
RT: 13.396 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:154 Resp: 812584
Ion Ratio Lower Upper
154 100
153 40.5 31.8 47.8
76 13.7 10.4 15.6

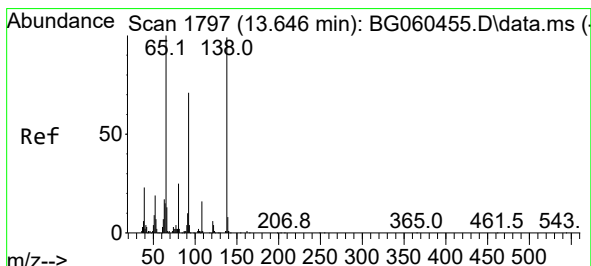
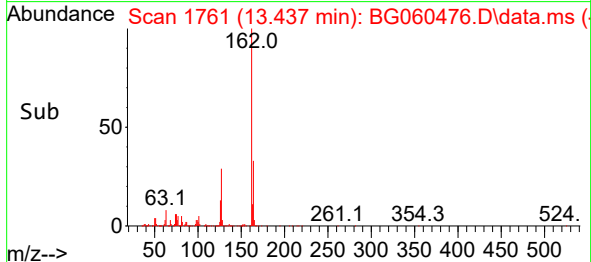
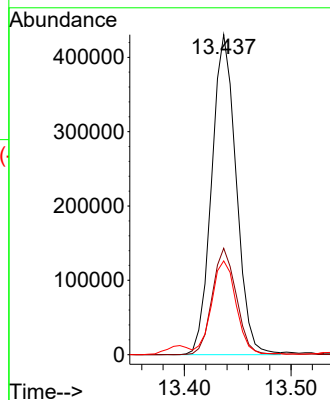
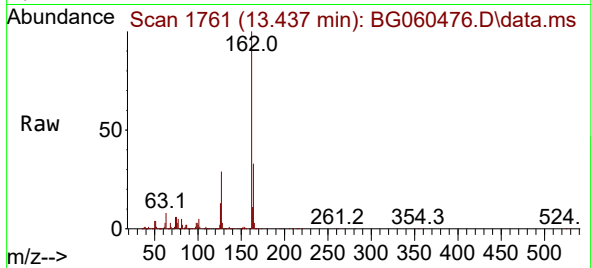




#44
2-Chloronaphthalene
Concen: 18.876 ng/ul
RT: 13.437 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

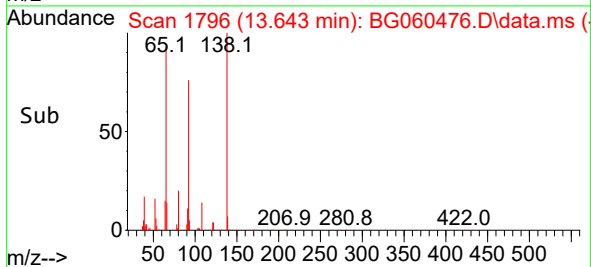
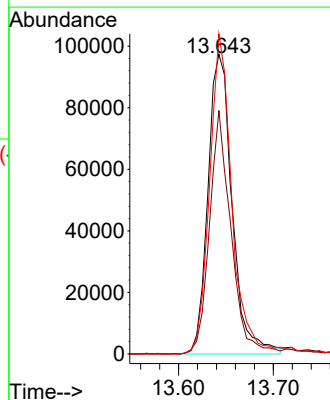
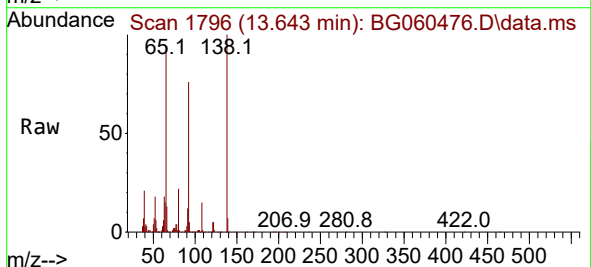
Instrument :
BNA_G
ClientSampleId :
SSTD020482

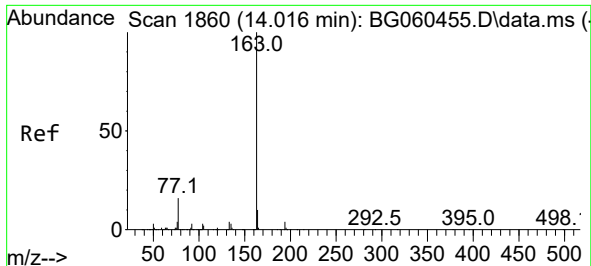
Tgt Ion:162 Resp: 686842
Ion Ratio Lower Upper
162 100
164 33.3 27.7 41.5
127 29.3 24.5 36.7



#45
2-Nitroaniline
Concen: 18.819 ng/ul
RT: 13.643 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion: 65 Resp: 172355
Ion Ratio Lower Upper
65 100
92 81.3 57.7 86.5
138 106.8 87.0 130.6

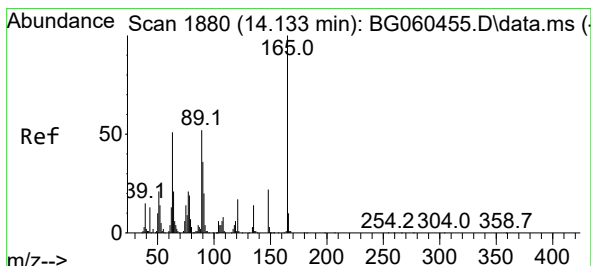
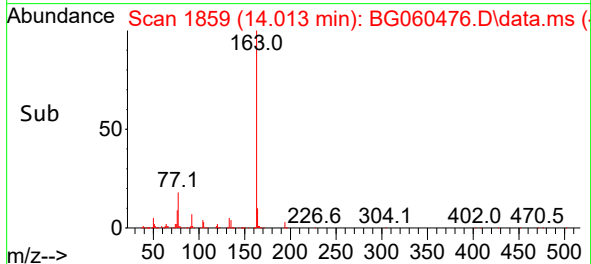
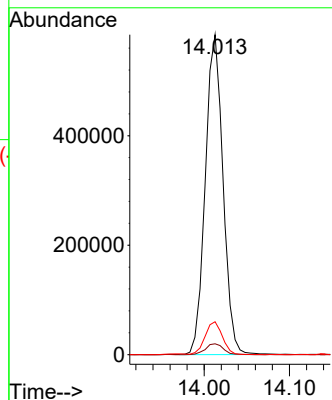
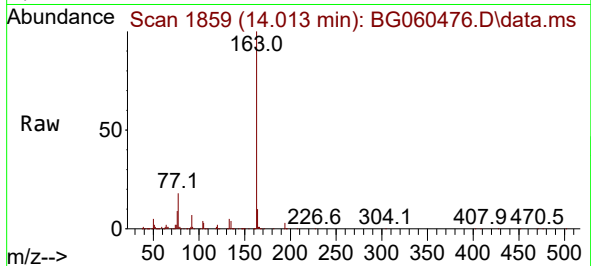




#47
Dimethylphthalate
Concen: 17.764 ng/ul
RT: 14.013 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

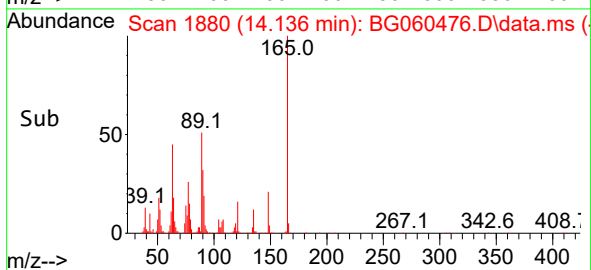
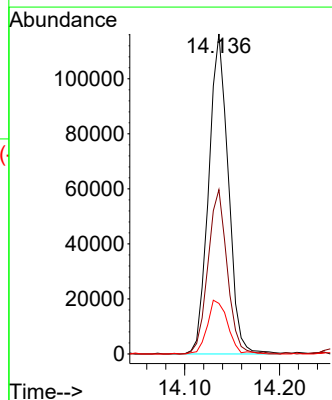
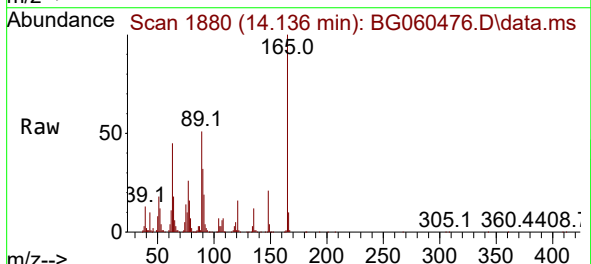
Instrument :
BNA_G
ClientSampleId :
SSTD020482

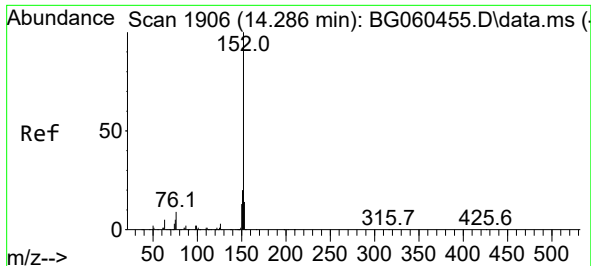
Tgt Ion:163 Resp: 844134
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.3 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 18.633 ng/ul
RT: 14.136 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:165 Resp: 166987
Ion Ratio Lower Upper
165 100
89 51.4 40.2 60.2
121 15.8 15.0 22.6

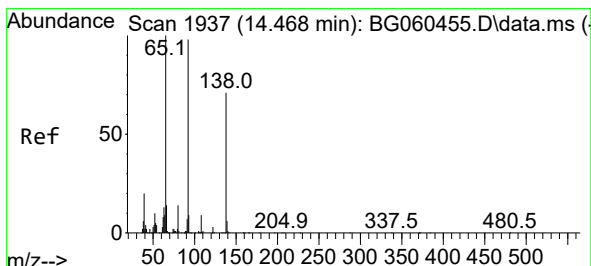
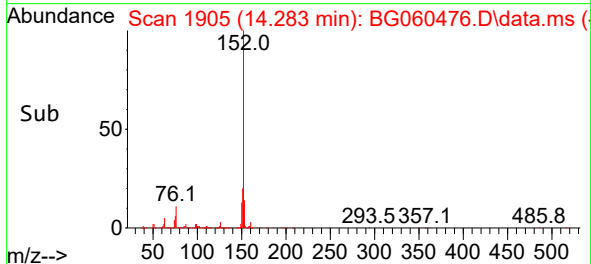
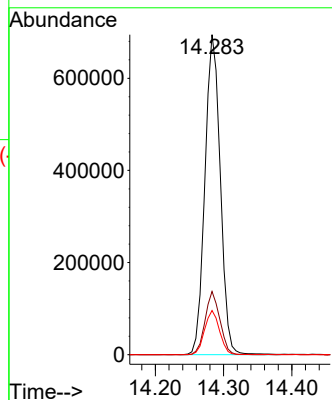
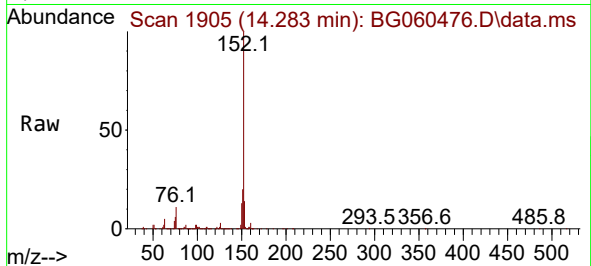




#50
Acenaphthylene
Concen: 18.463 ng/ul
RT: 14.283 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

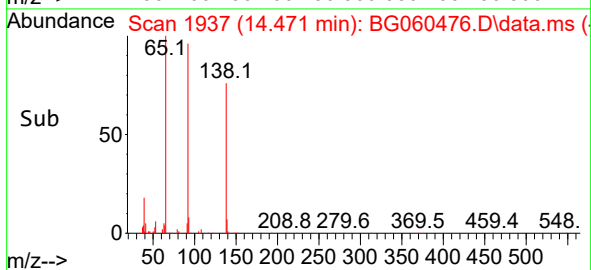
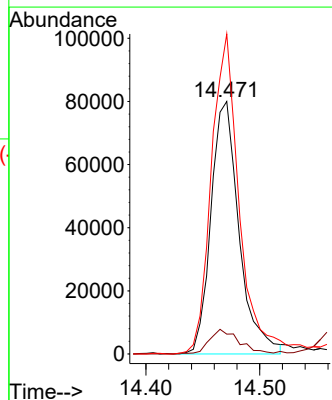
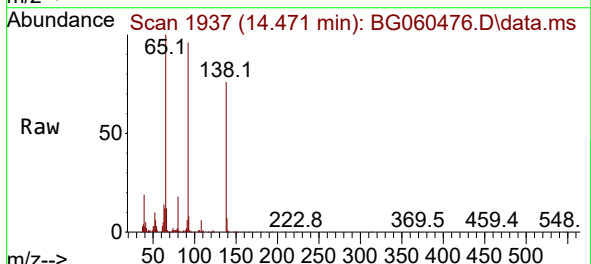
Instrument :
BNA_G
ClientSampleId :
SSTD020482

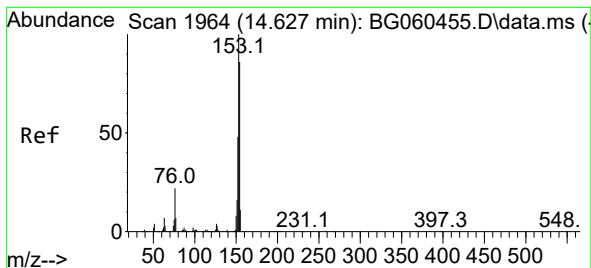
Tgt Ion:152 Resp: 1087725
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.8 10.4 15.6



#51
3-Nitroaniline
Concen: 18.242 ng/ul
RT: 14.471 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:138 Resp: 137422
Ion Ratio Lower Upper
138 100
108 7.9 9.5 14.3#
92 126.8 98.9 148.3





#52

Acenaphthene

Concen: 18.173 ng/ul

RT: 14.624 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

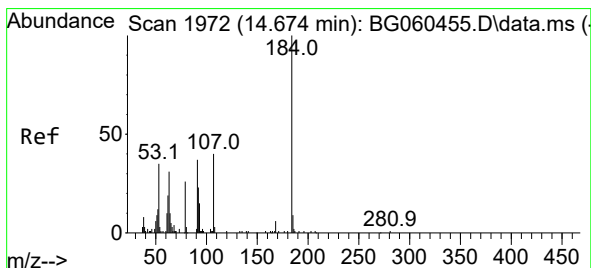
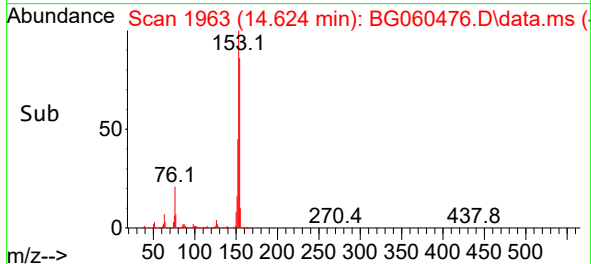
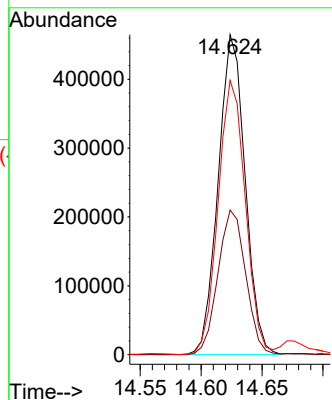
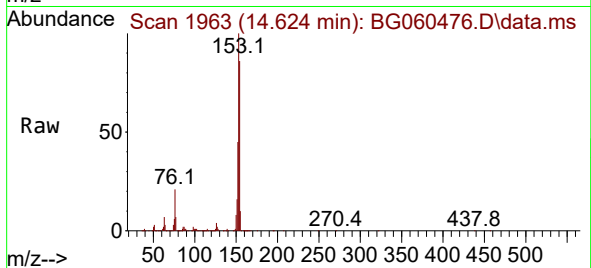
Tgt Ion:153 Resp: 714157

Ion Ratio Lower Upper

153 100

152 45.2 37.0 55.6

154 85.7 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 13.913 ng/ul

RT: 14.677 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

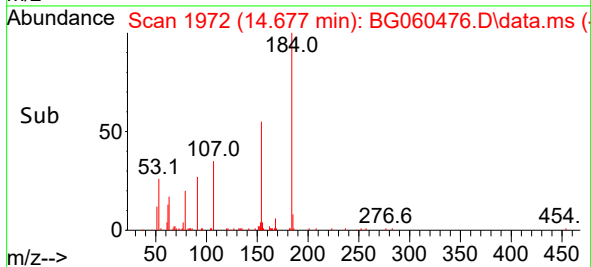
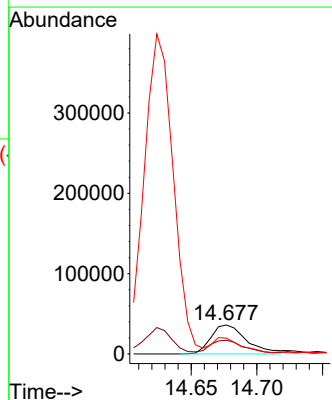
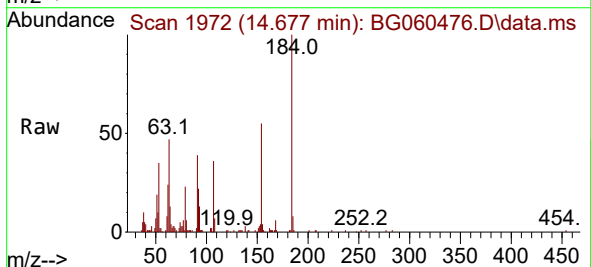
Tgt Ion:184 Resp: 68054

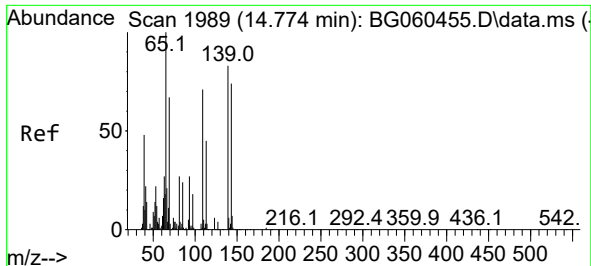
Ion Ratio Lower Upper

184 100

63 47.4 39.2 58.8

154 54.8 40.3 60.5

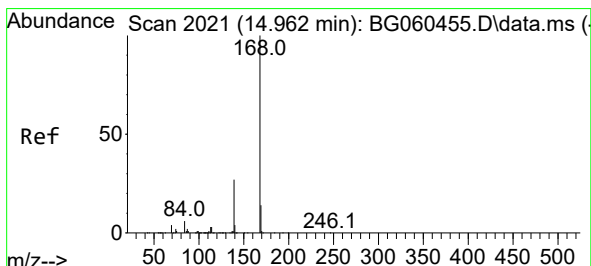
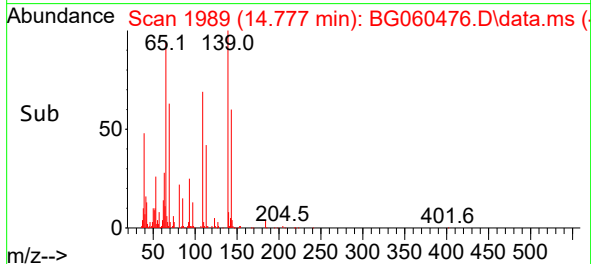
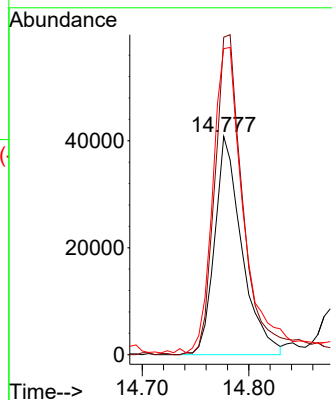
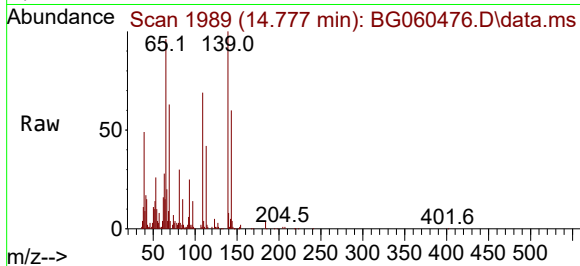




#55
4-Nitrophenol
Concen: 15.575 ng/ul
RT: 14.777 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

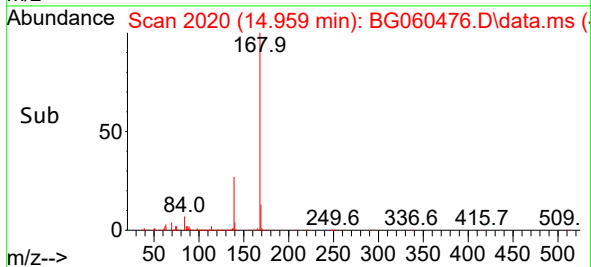
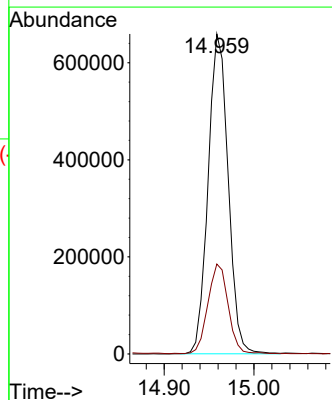
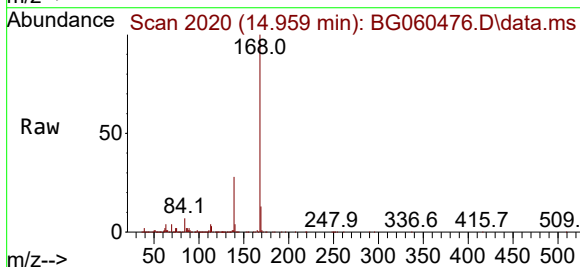
Instrument :
BNA_G
ClientSampleId :
SSTD020482

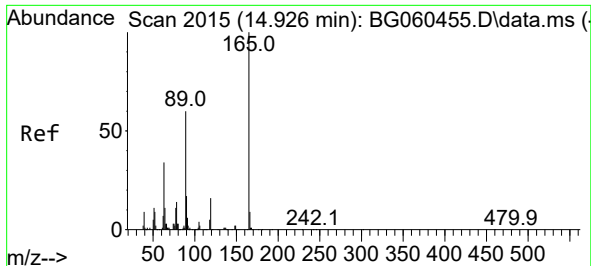
Tgt Ion:109 Resp: 72305
Ion Ratio Lower Upper
109 100
139 145.5 124.5 186.7
65 140.3 112.4 168.6



#56
Dibenzofuran
Concen: 18.390 ng/ul
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:168 Resp: 1020301
Ion Ratio Lower Upper
168 100
139 28.1 21.6 32.4

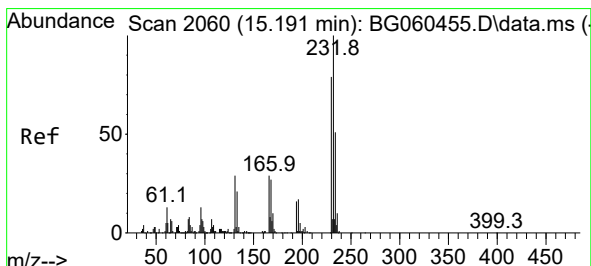
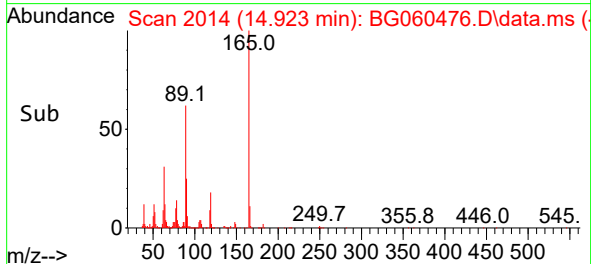
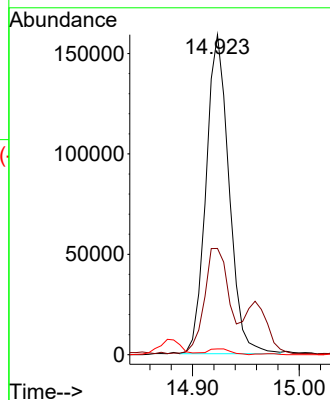
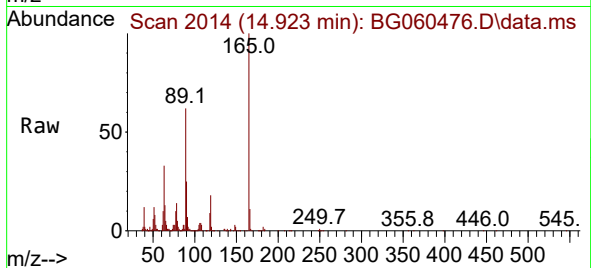




#57
2,4-Dinitrotoluene
Concen: 18.109 ng/ul
RT: 14.923 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

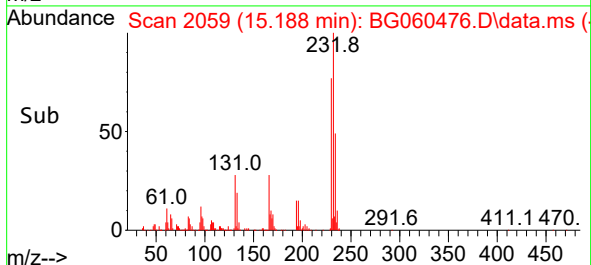
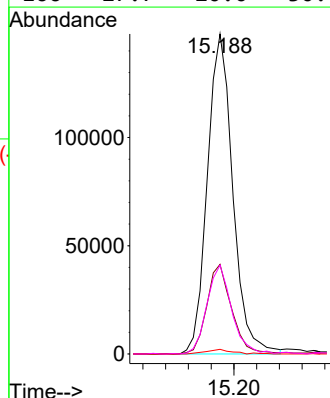
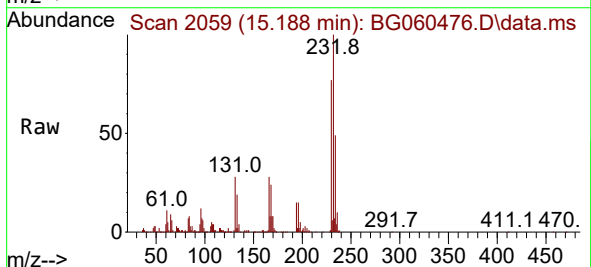
Instrument :
BNA_G
ClientSampleId :
SSTD020482

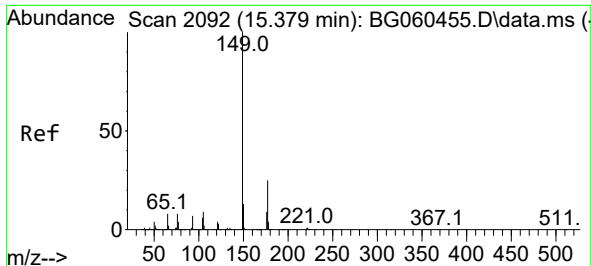
Tgt Ion:165 Resp: 237811
Ion Ratio Lower Upper
165 100
63 33.2 29.9 44.9
182 1.8 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.117 ng/ul
RT: 15.188 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:232 Resp: 229647
Ion Ratio Lower Upper
232 100
131 28.0 23.4 35.0
130 1.4 0.8 1.2#
166 27.7 20.0 30.0

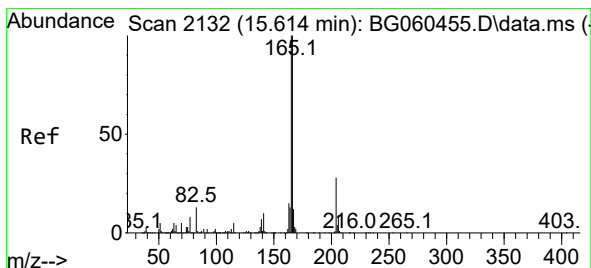
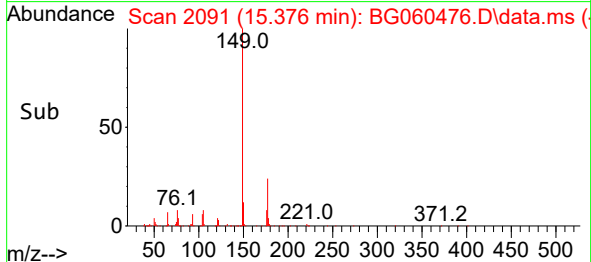
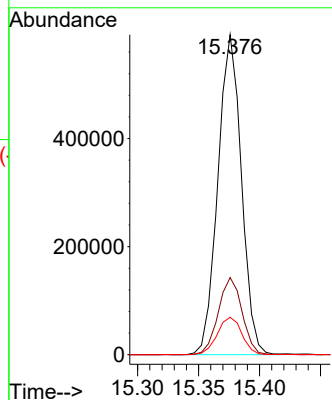
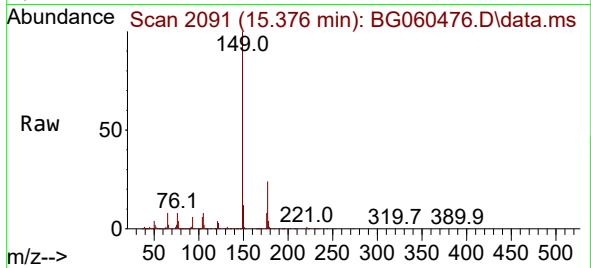




#59
Diethylphthalate
Concen: 17.415 ng/ul
RT: 15.376 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

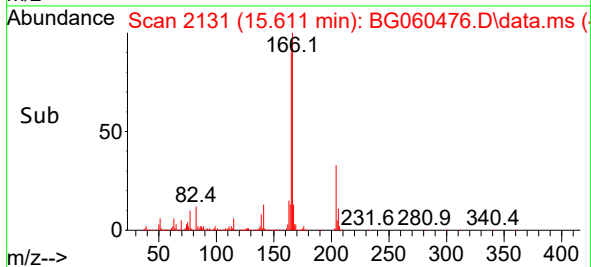
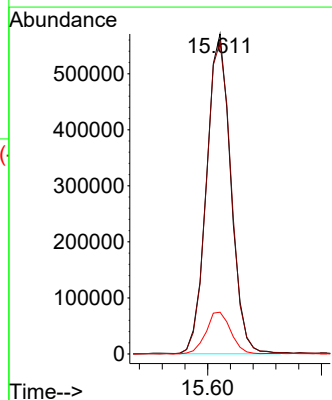
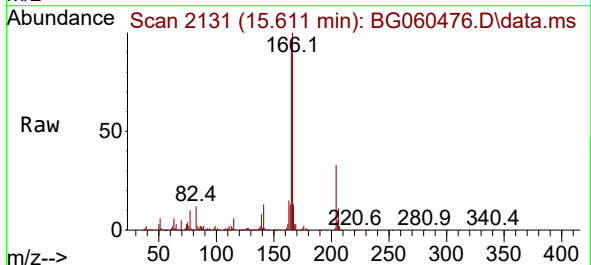
Instrument :
BNA_G
ClientSampleId :
SSTD020482

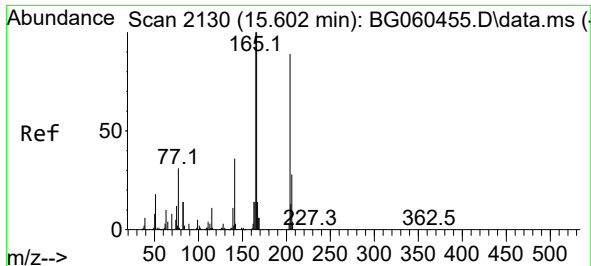
Tgt Ion:149 Resp: 795711
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 11.7 9.8 14.8



#61
Fluorene
Concen: 18.545 ng/ul
RT: 15.611 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:166 Resp: 844089
Ion Ratio Lower Upper
166 100
165 97.4 81.0 121.6
167 13.0 11.3 16.9

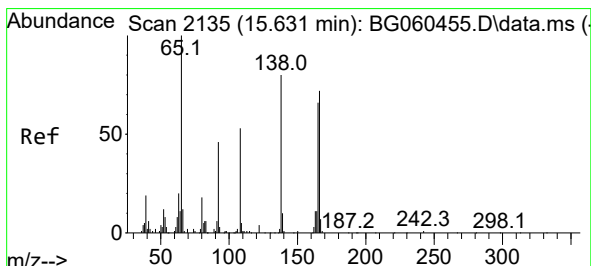
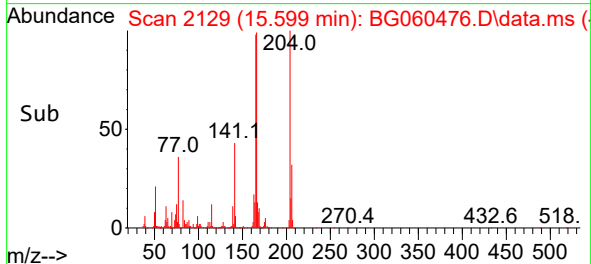
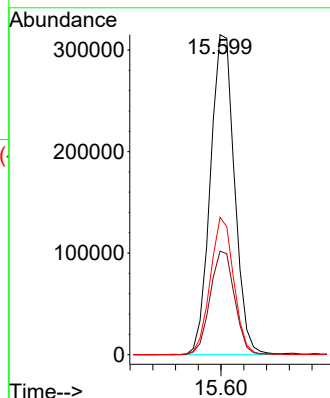
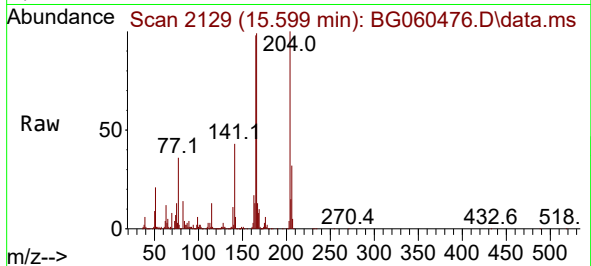




#62
4-Chlorophenyl-phenylether
Concen: 18.437 ng/ul
RT: 15.599 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

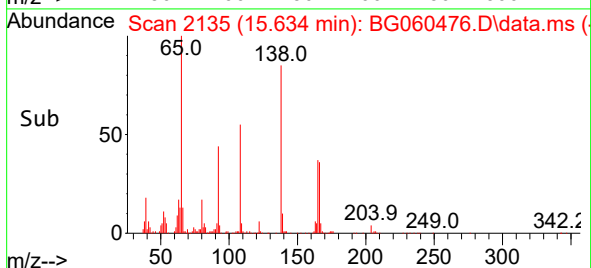
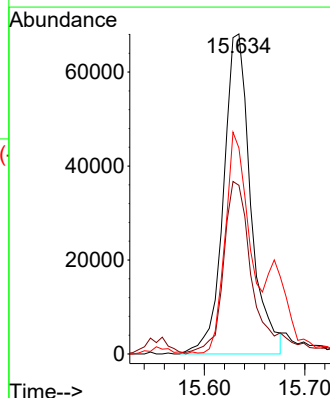
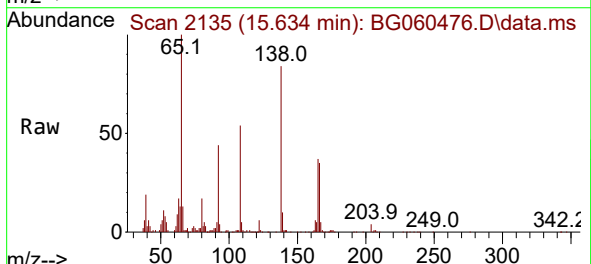
Instrument :
BNA_G
ClientSampleId :
SSTD020482

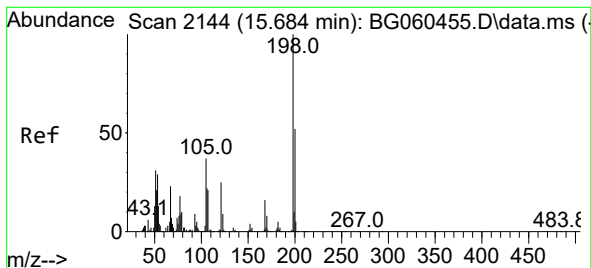
Tgt Ion:204 Resp: 463200
Ion Ratio Lower Upper
204 100
206 32.3 27.5 41.3
141 42.9 33.4 50.0



#63
4-Nitroaniline
Concen: 17.401 ng/ul
RT: 15.634 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:138 Resp: 128421
Ion Ratio Lower Upper
138 100
92 52.7 45.5 68.3
108 64.4 51.8 77.6

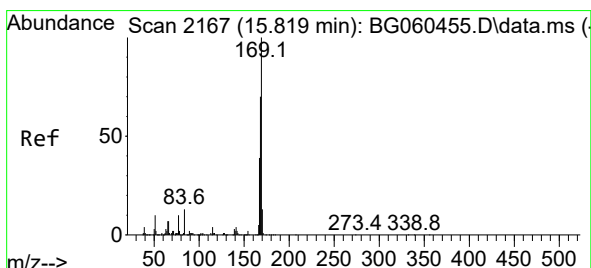
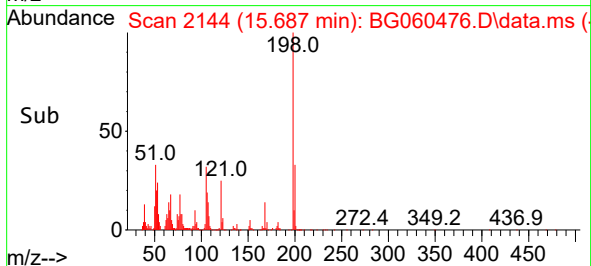
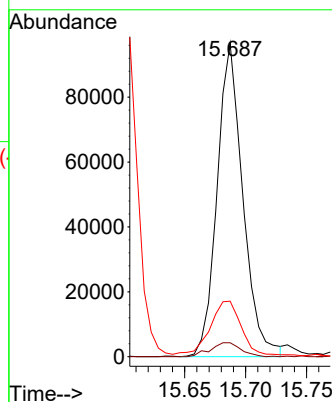
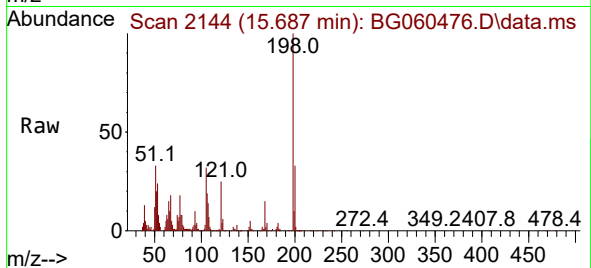




#66
4,6-Dinitro-2-methylphenol
Concen: 17.065 ng/ul
RT: 15.687 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

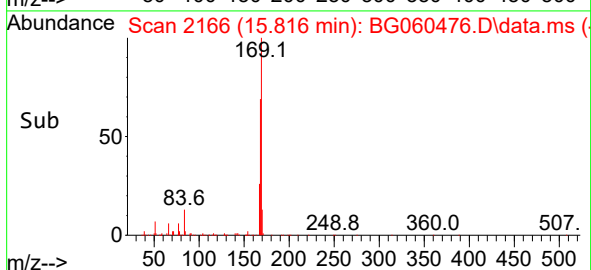
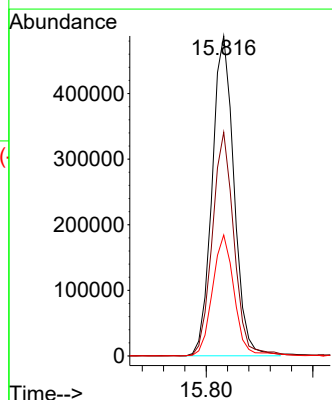
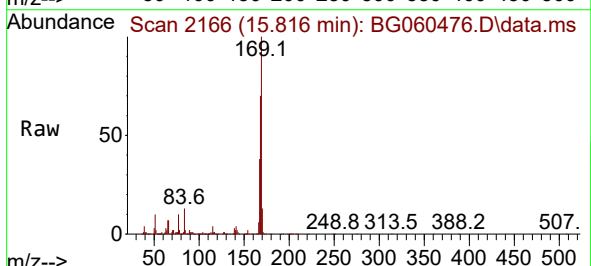
Instrument :
BNA_G
ClientSampleId :
SSTD020482

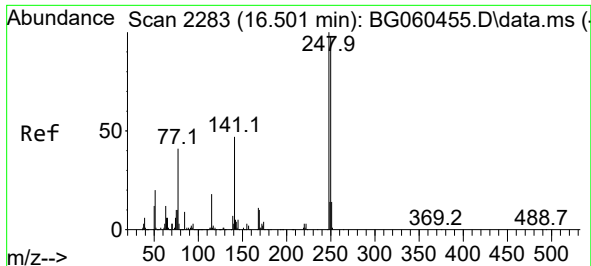
Tgt Ion:198 Resp: 142217
Ion Ratio Lower Upper
198 100
182 4.4 4.1 6.1
77 17.7 13.0 19.6



#67
N-Nitrosodiphenylamine
Concen: 19.873 ng/ul
RT: 15.816 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:169 Resp: 693538
Ion Ratio Lower Upper
169 100
168 69.9 55.4 83.0
167 37.8 31.0 46.4

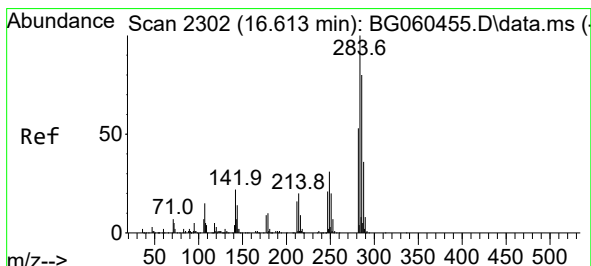
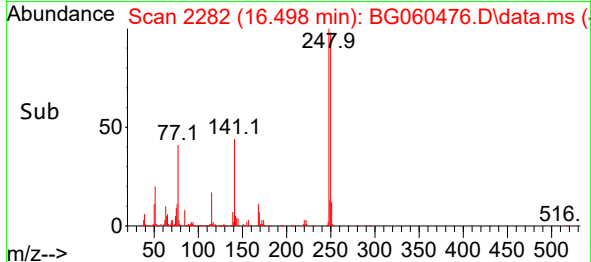
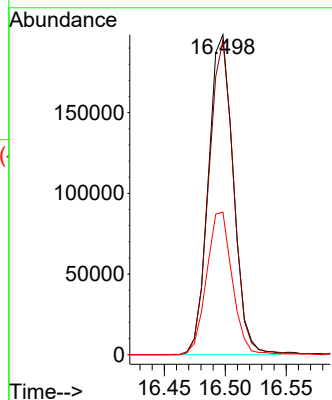
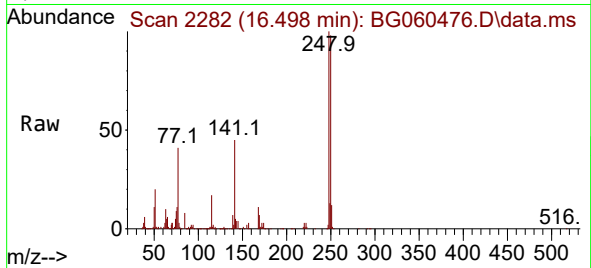




#68
4-Bromophenyl-phenylether
Concen: 18.940 ng/ul
RT: 16.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

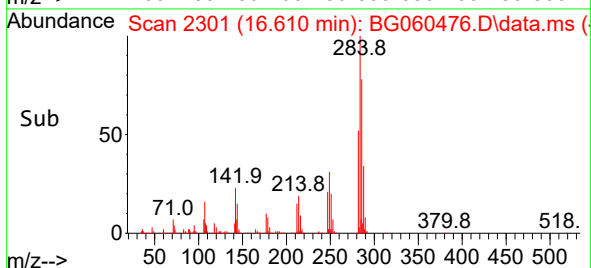
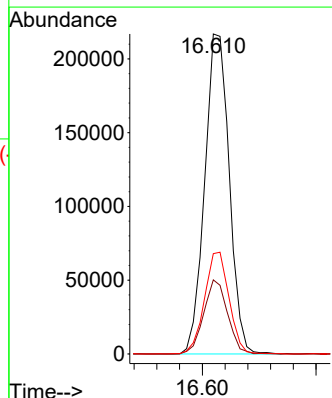
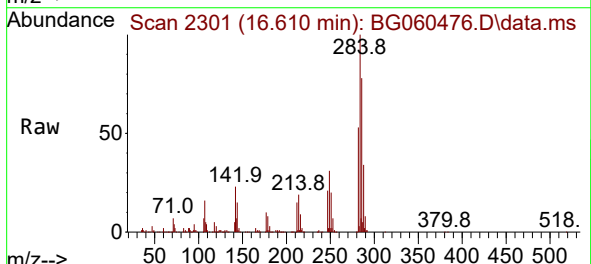
Instrument :
BNA_G
ClientSampleId :
SSTD020482

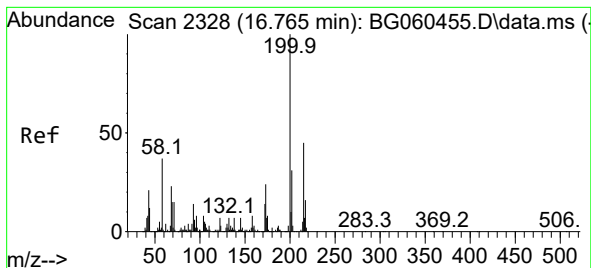
Tgt Ion:248 Resp: 283106
Ion Ratio Lower Upper
248 100
250 98.3 77.3 115.9
141 44.6 36.5 54.7



#69
Hexachlorobenzene
Concen: 18.741 ng/ul
RT: 16.610 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:284 Resp: 324949
Ion Ratio Lower Upper
284 100
142 23.1 17.1 25.7
249 31.3 24.1 36.1





#70

Atrazine

Concen: 17.937 ng/ul

RT: 16.762 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

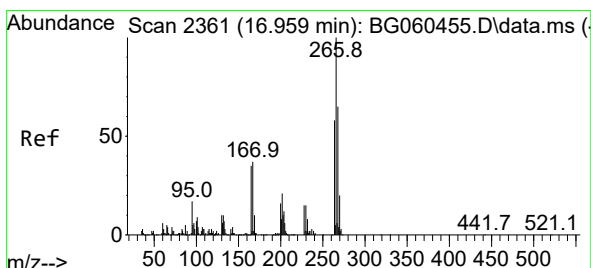
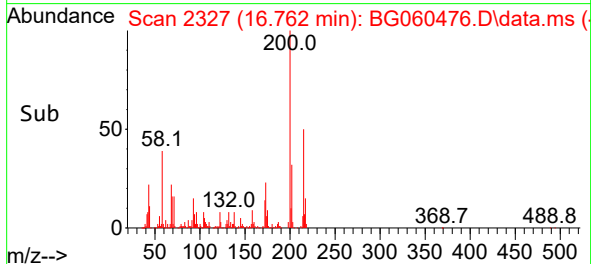
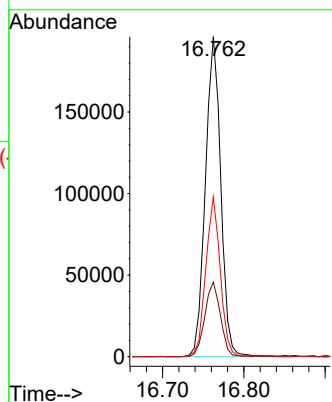
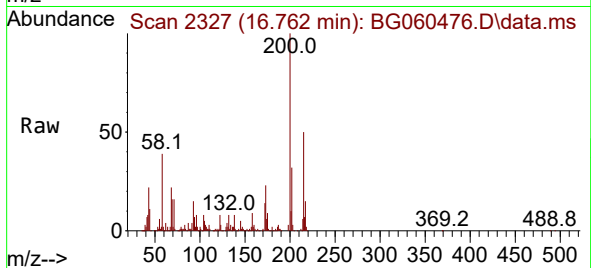
Tgt Ion:200 Resp: 257333

Ion Ratio Lower Upper

200 100

173 23.3 20.3 30.5

215 49.8 36.3 54.5



#71

Pentachlorophenol

Concen: 18.487 ng/ul

RT: 16.962 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

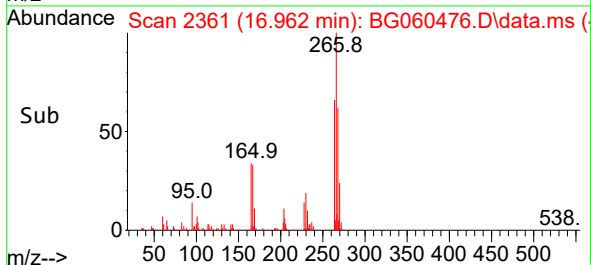
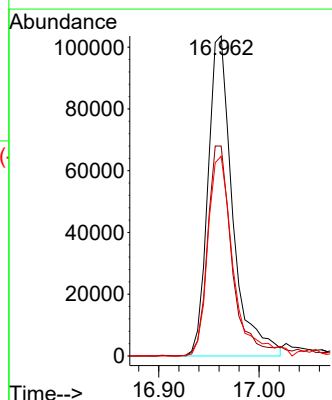
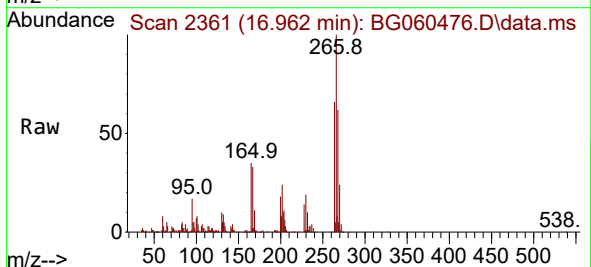
Tgt Ion:266 Resp: 176546

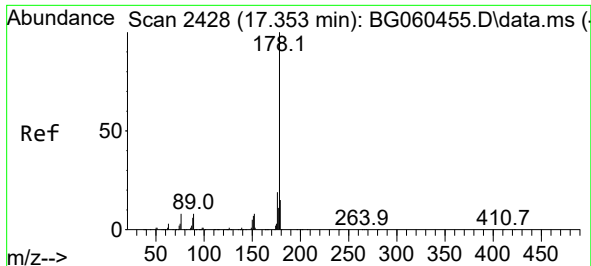
Ion Ratio Lower Upper

266 100

264 65.6 47.0 70.6

268 62.4 48.2 72.2

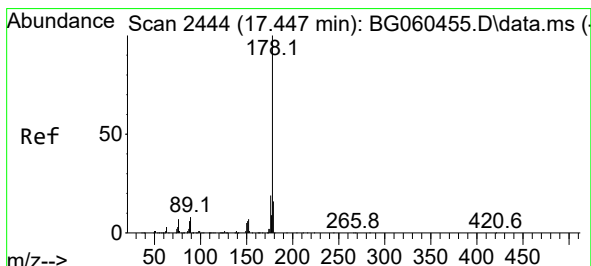
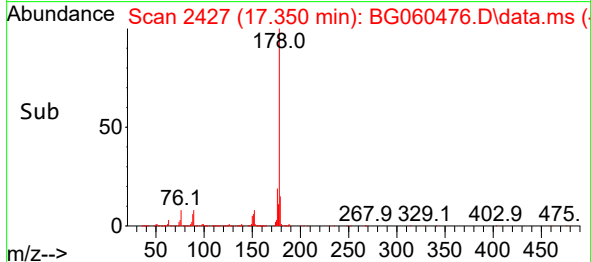
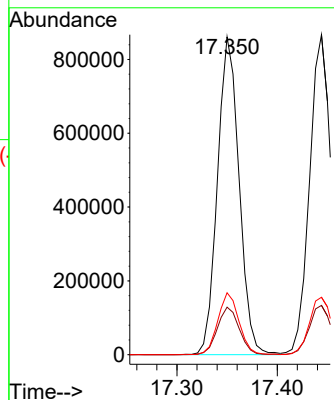
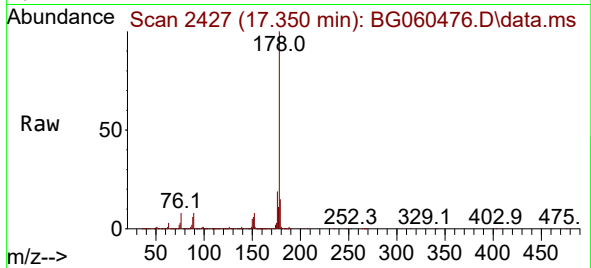




#72
Phenanthrene
Concen: 19.083 ng/ul
RT: 17.350 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

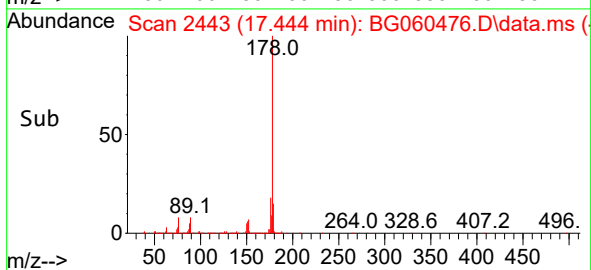
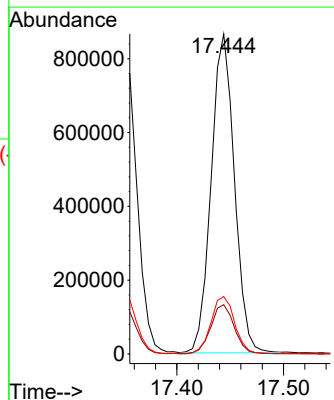
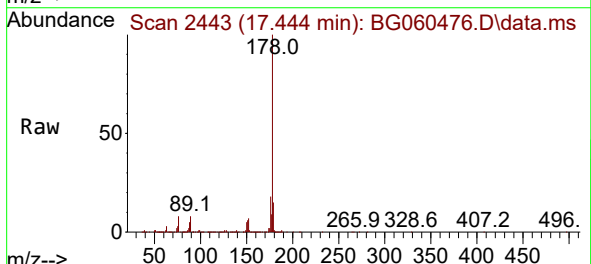
Instrument :
BNA_G
ClientSampleId :
SSTD020482

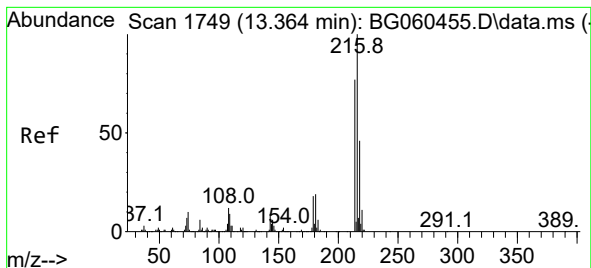
Tgt Ion:178 Resp: 1290965
Ion Ratio Lower Upper
178 100
179 14.9 12.7 19.1
176 19.5 15.7 23.5



#74
Anthracene
Concen: 18.926 ng/ul
RT: 17.444 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:178 Resp: 1304646
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.0 15.5 23.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.697 ng/uL

RT: 13.361 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

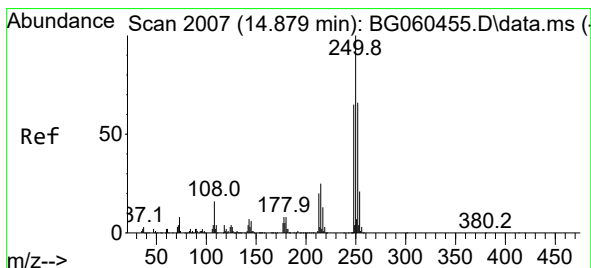
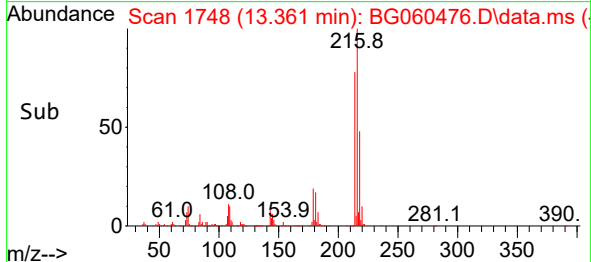
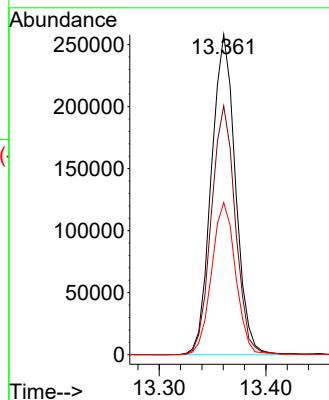
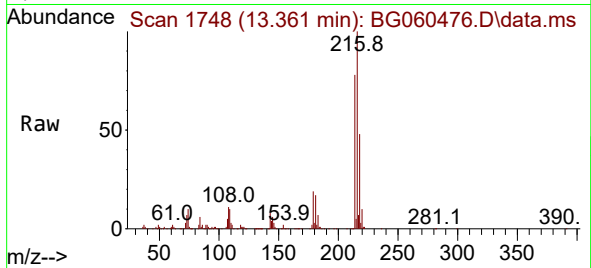
Tgt Ion:216 Resp: 404880

Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.4

218 47.5 39.8 59.6



#76

Pentachlorobenzene

Concen: 20.472 ng/uL

RT: 14.882 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

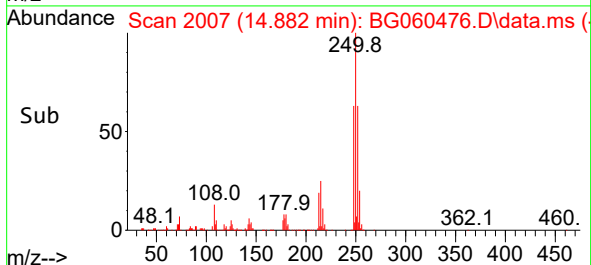
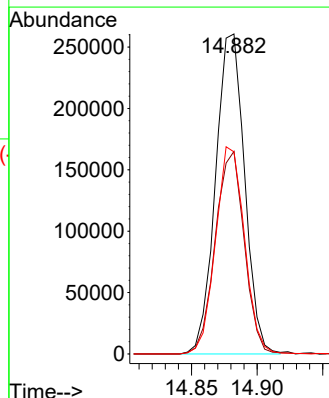
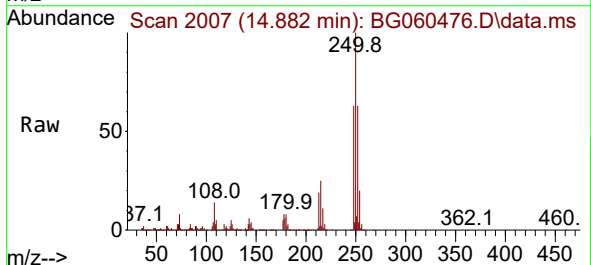
Tgt Ion:250 Resp: 401291

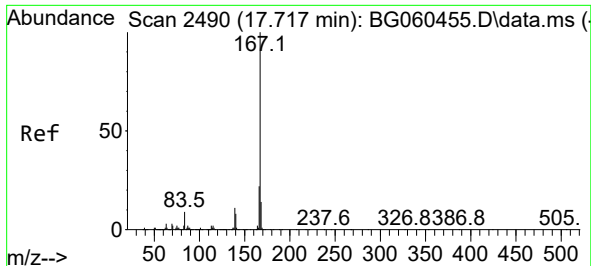
Ion Ratio Lower Upper

250 100

248 63.3 49.8 74.6

252 63.1 52.6 79.0

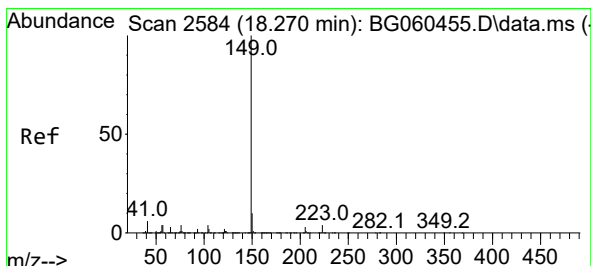
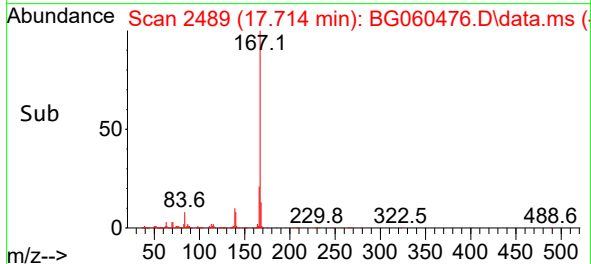
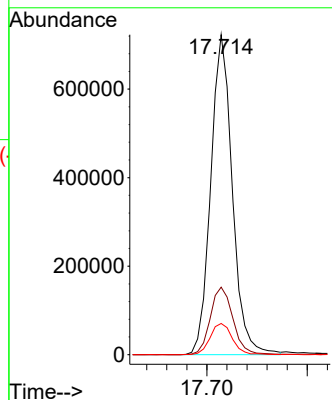
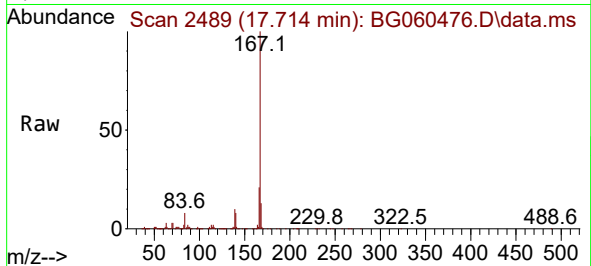




#77
 Carbazole
 Concen: 18.983 ng/ul
 RT: 17.714 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: BG060476.D
 Acq: 30 Jan 2024 1:03

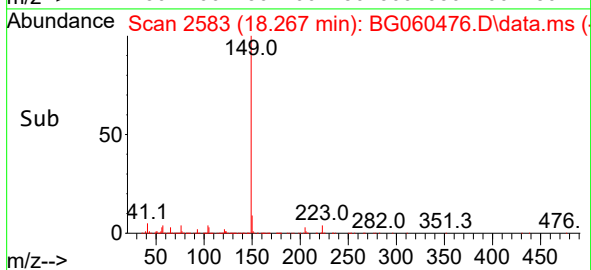
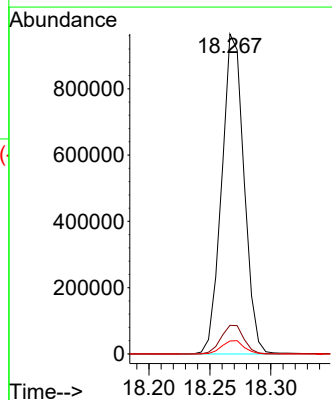
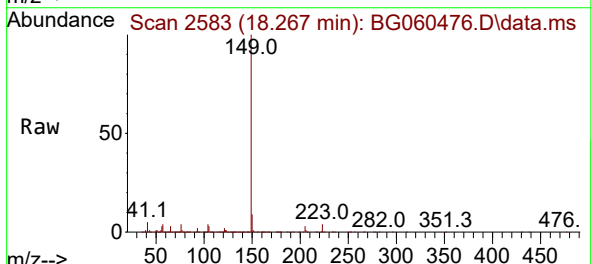
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020482

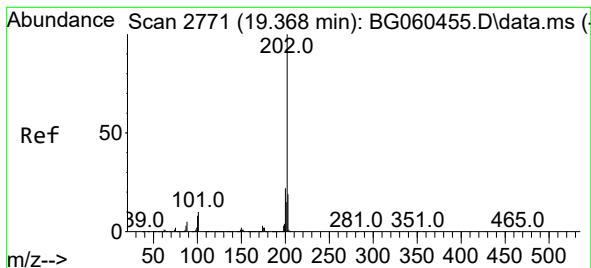
Tgt Ion:167 Resp: 1080802
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 9.8 8.0 12.0



#78
 Di-n-butylphthalate
 Concen: 18.307 ng/ul
 RT: 18.267 min Scan# 2583
 Delta R.T. 0.000 min
 Lab File: BG060476.D
 Acq: 30 Jan 2024 1:03

Tgt Ion:149 Resp: 1228717
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.0 3.4 5.0





#80

Fluoranthene

Concen: 18.168 ng/ul

RT: 19.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

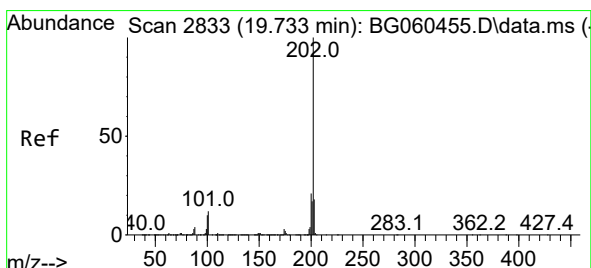
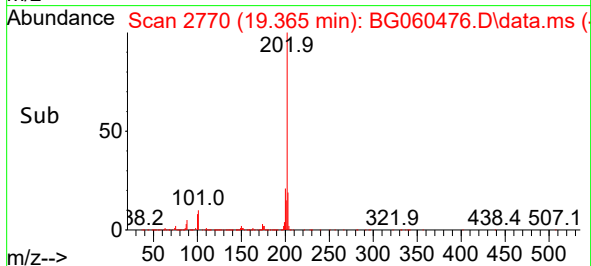
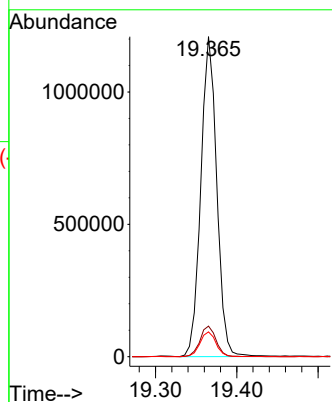
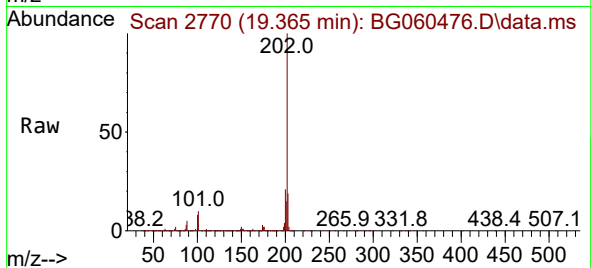
Tgt Ion:202 Resp: 1645130

Ion Ratio Lower Upper

202 100

101 9.5 7.9 11.9

100 7.7 6.4 9.6



#82

Pyrene

Concen: 18.460 ng/ul

RT: 19.730 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

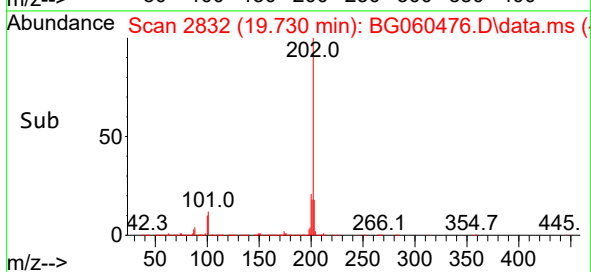
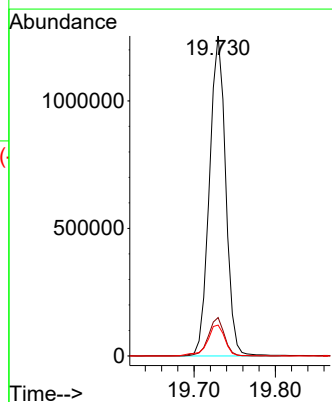
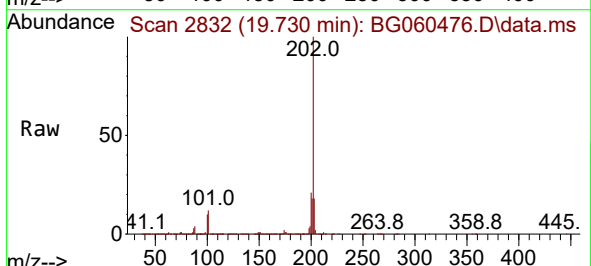
Tgt Ion:202 Resp: 1739719

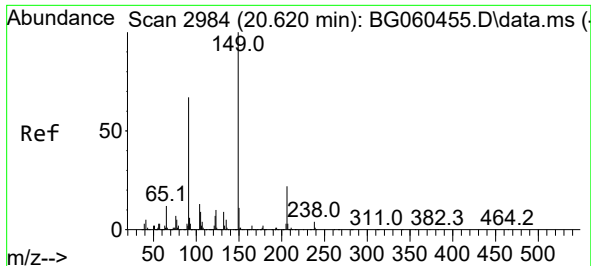
Ion Ratio Lower Upper

202 100

101 12.0 10.0 15.0

100 9.7 8.4 12.6

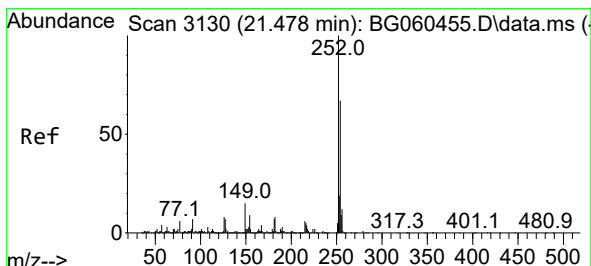
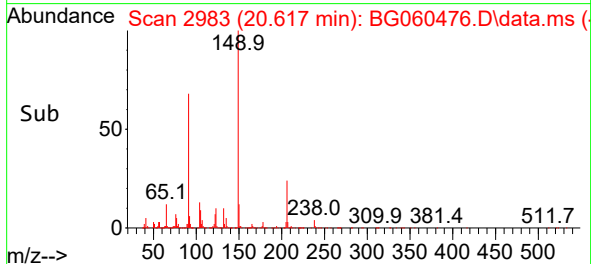
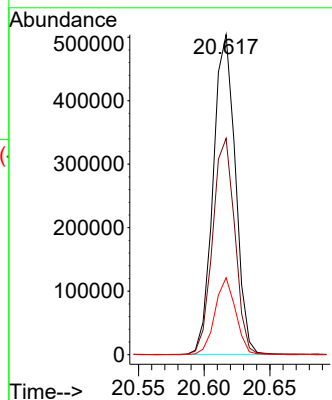
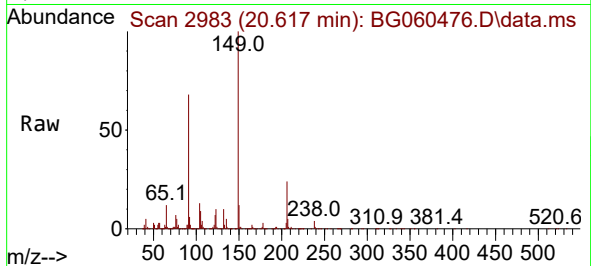




#83
Butylbenzylphthalate
Concen: 17.599 ng/ul
RT: 20.617 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

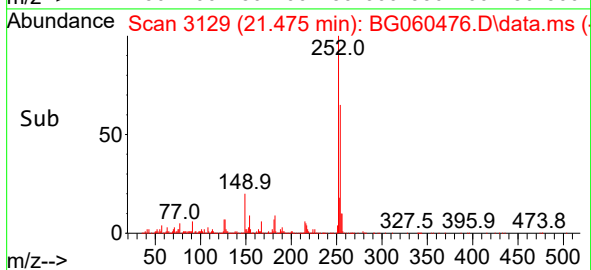
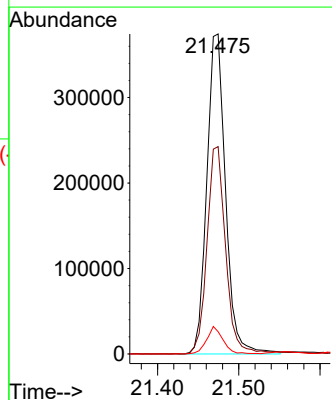
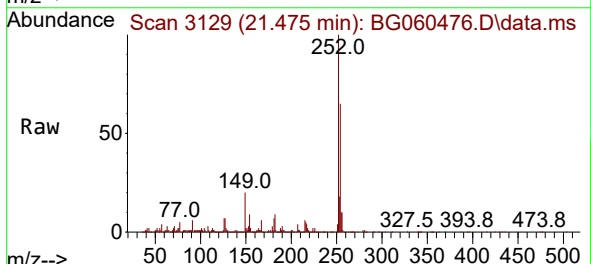
Instrument :
BNA_G
ClientSampleId :
SSTD020482

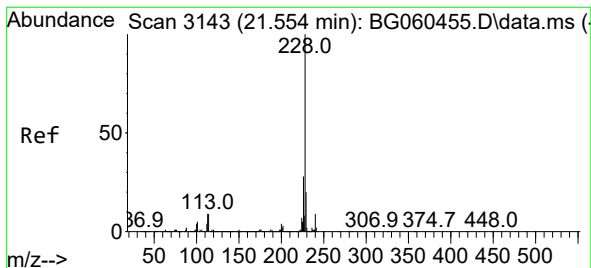
Tgt Ion:149 Resp: 591181
Ion Ratio Lower Upper
149 100
91 67.6 56.3 84.5
206 24.1 18.1 27.1



#84
3,3'-Dichlorobenzidine
Concen: 19.146 ng/ul
RT: 21.475 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:252 Resp: 598046
Ion Ratio Lower Upper
252 100
254 64.8 52.8 79.2
126 7.0 6.2 9.4





#85

Benzo(a)anthracene

Concen: 18.911 ng/ul

RT: 21.551 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

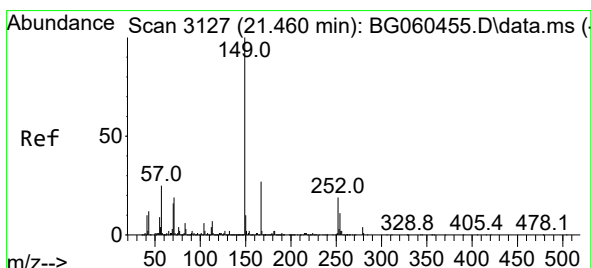
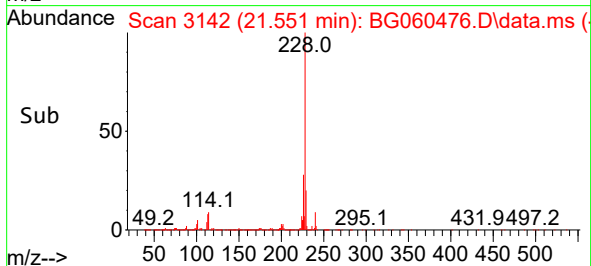
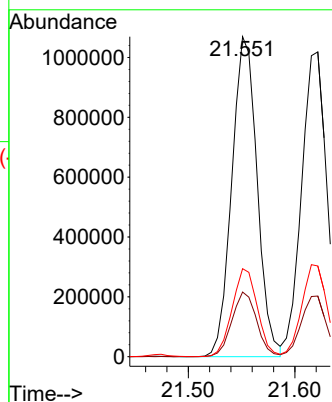
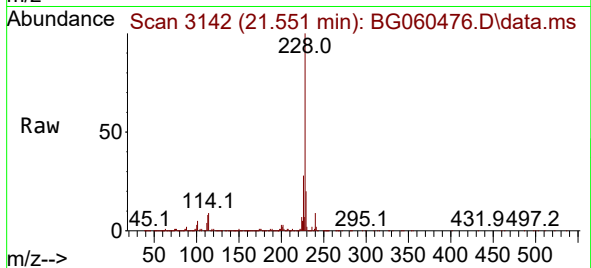
Tgt Ion:228 Resp: 1765511

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.5 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.732 ng/ul

RT: 21.457 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

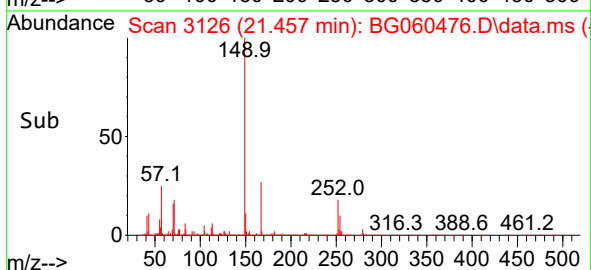
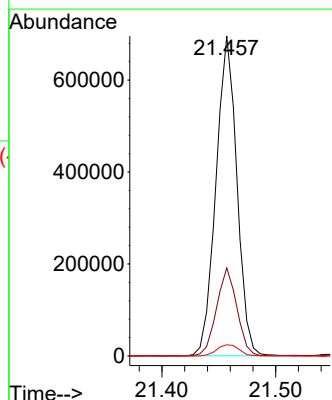
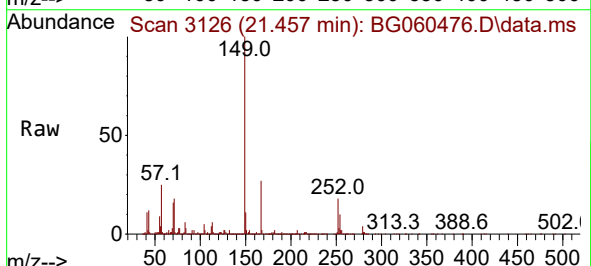
Tgt Ion:149 Resp: 889090

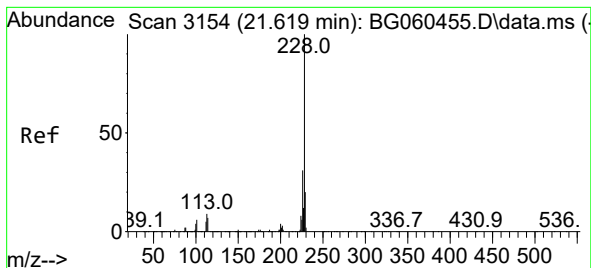
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 3.5 3.0 4.4





#87

Chrysene

Concen: 19.330 ng/ul

RT: 21.621 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

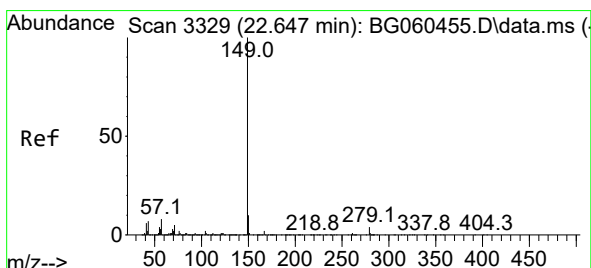
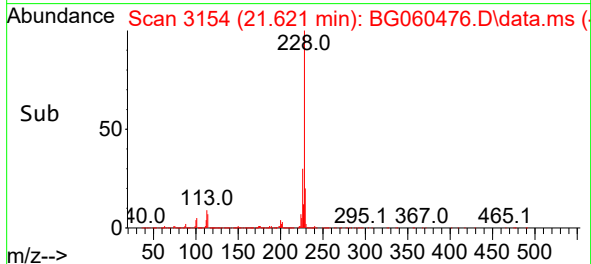
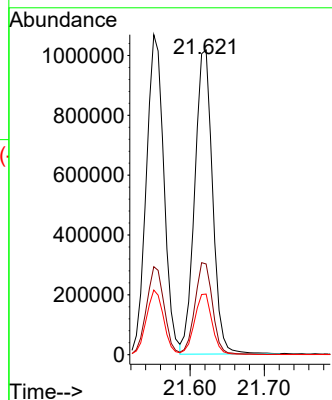
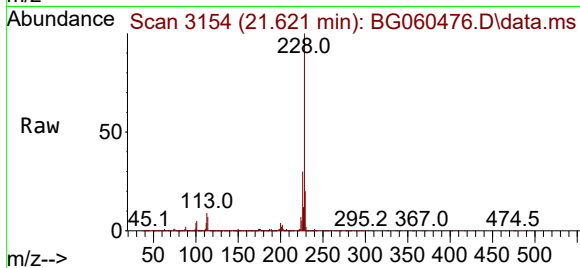
Tgt Ion:228 Resp: 1695183

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 19.9 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 18.709 ng/ul

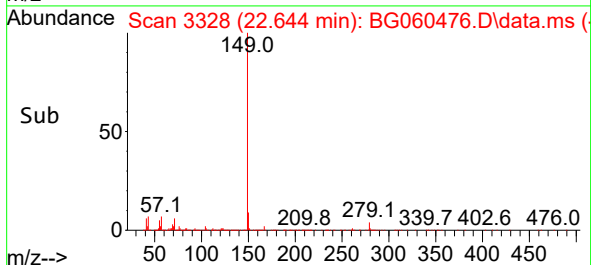
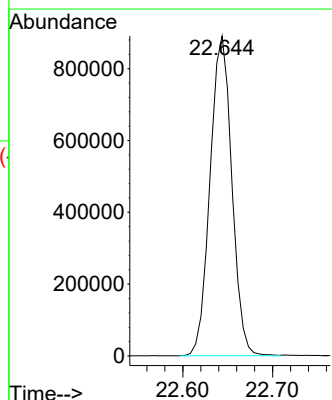
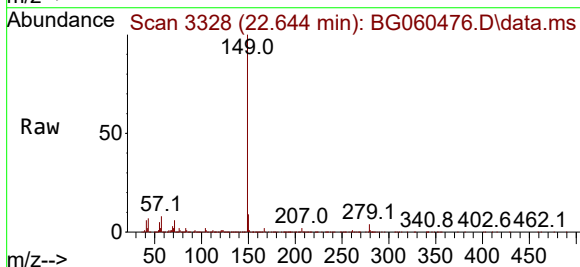
RT: 22.644 min Scan# 3328

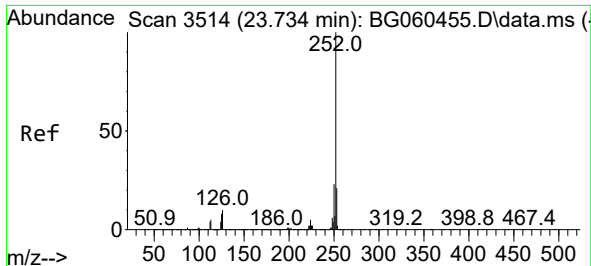
Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Tgt Ion:149 Resp: 1500838

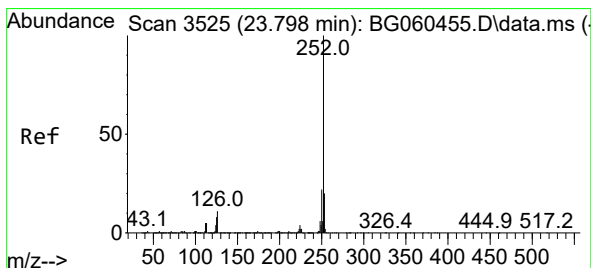
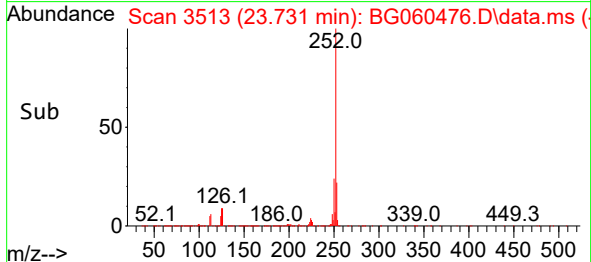
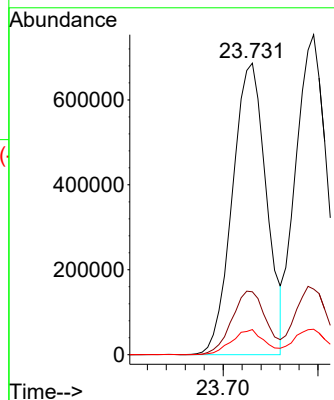
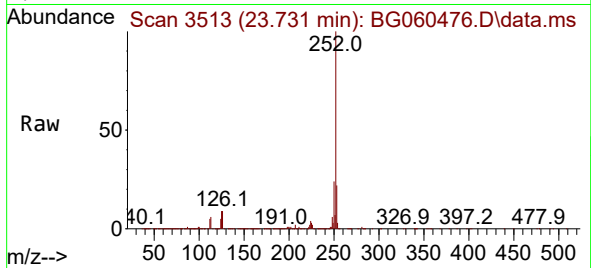




#90
Benzo(b)fluoranthene
Concen: 18.316 ng/ul
RT: 23.731 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

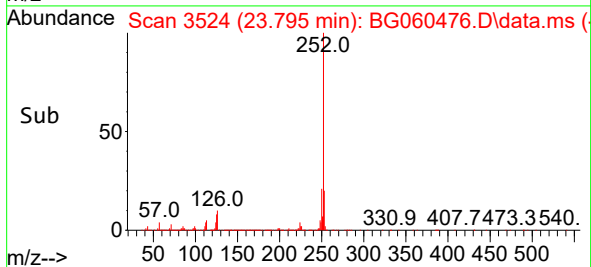
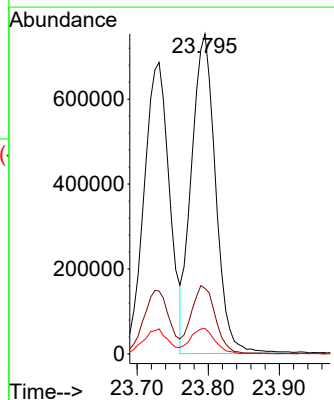
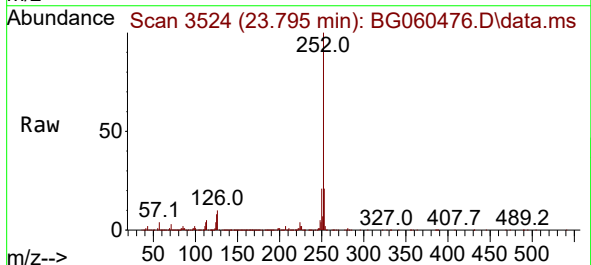
Instrument :
BNA_G
ClientSampleId :
SSTD020482

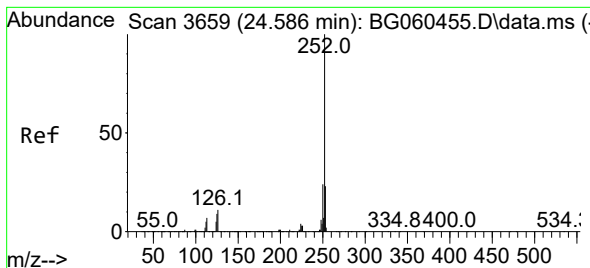
Tgt Ion:252 Resp: 1708503
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.6 6.2 9.4



#91
Benzo(k)fluoranthene
Concen: 18.624 ng/ul
RT: 23.795 min Scan# 3524
Delta R.T. 0.006 min
Lab File: BG060476.D
Acq: 30 Jan 2024 1:03

Tgt Ion:252 Resp: 1774020
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 8.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 18.281 ng/ul

RT: 24.583 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

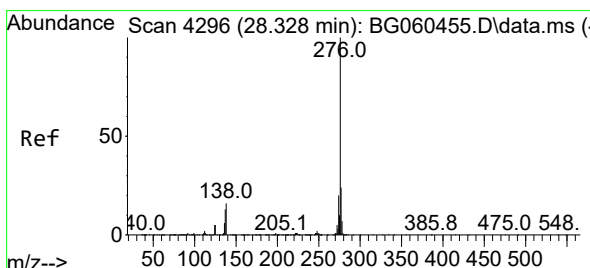
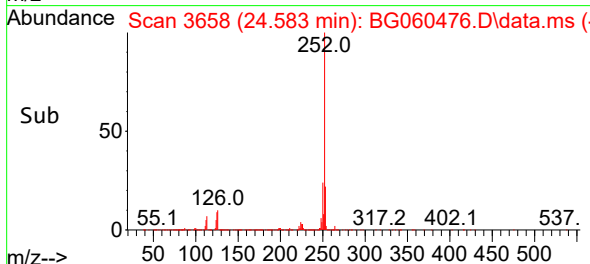
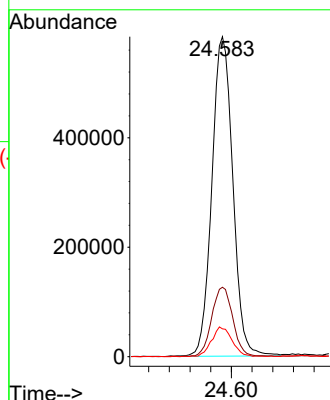
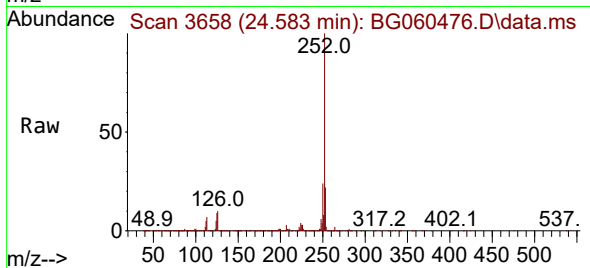
Tgt Ion:252 Resp: 1640453

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

125 8.7 7.4 11.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.086 ng/ul

RT: 28.331 min Scan# 4296

Delta R.T. -0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

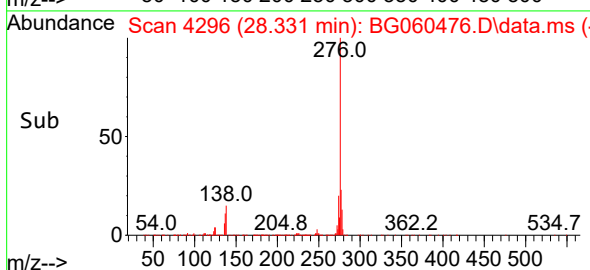
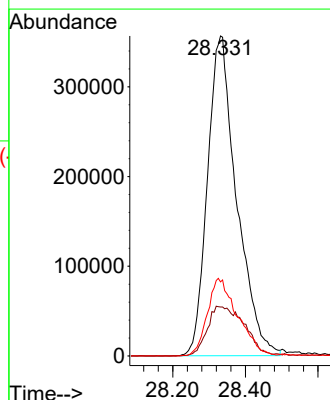
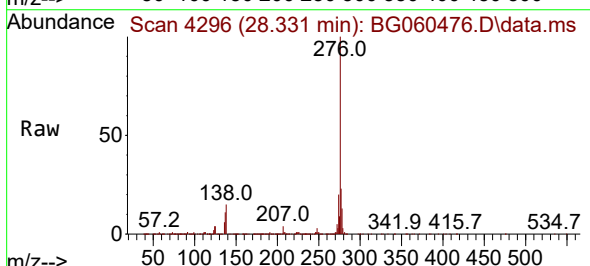
Tgt Ion:276 Resp: 1989513

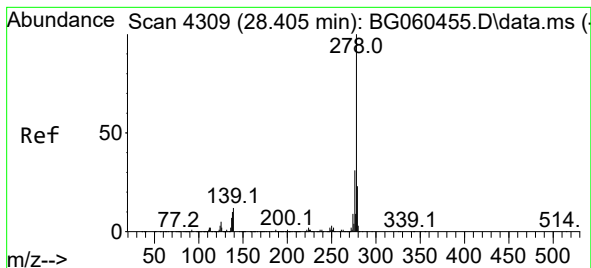
Ion Ratio Lower Upper

276 100

138 15.3 13.0 19.4

277 23.2 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 18.270 ng/ul

RT: 28.384 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Instrument :

BNA_G

ClientSampleId :

SSTD020482

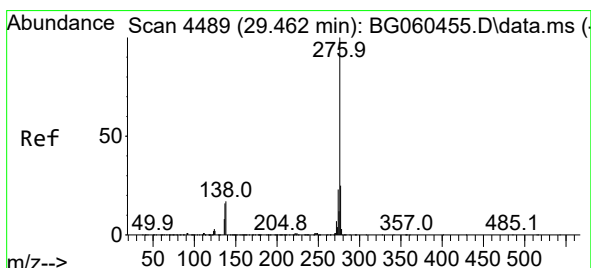
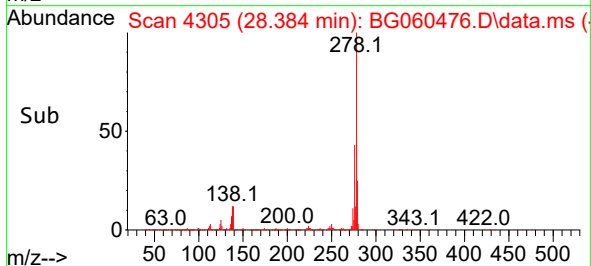
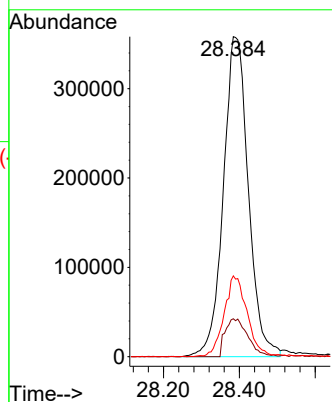
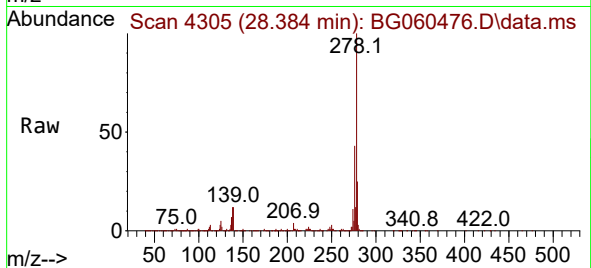
Tgt Ion:278 Resp: 1639662

Ion Ratio Lower Upper

278 100

139 11.9 9.9 14.9

279 25.2 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 17.798 ng/ul

RT: 29.453 min Scan# 4487

Delta R.T. 0.006 min

Lab File: BG060476.D

Acq: 30 Jan 2024 1:03

Tgt Ion:276 Resp: 1585137

Ion Ratio Lower Upper

276 100

138 17.7 14.6 22.0

277 25.0 18.3 27.5

