

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058990.D
 Acq On : 11 Sep 2023 20:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

Quant Time: Sep 12 00:53:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.327	152	80322	20.000	ng/ul	0.00
20) Naphthalene-d8	11.170	136	384203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.948	164	296954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.698	188	797602	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.022	240	752390	20.000	ng/ul	0.00
88) Perylene-d12	25.589	264	844737	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	17220	9.112	ng/uL	0.00
4) Pyridine-d5	4.067	84	125775	21.023	ng/ul	0.00
7) Phenol-d5	7.434	99	160669	19.836	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.645	67	89743	18.895	ng/ul	0.00
11) 2-Chlorophenol-d4	7.839	132	113174	21.786	ng/ul	0.00
15) 4-Methylphenol-d8	9.008	113	125481	20.052	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	57506	20.635	ng/ul	0.00
24) 2-Nitrophenol-d4	10.236	143	64157	20.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.759	165	131559	20.243	ng/ul	0.00
31) 4-Chloroaniline-d4	11.306	131	180483	20.651	ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	444920	19.316	ng/ul	0.00
49) Acenaphthylene-d8	14.649	160	496134	19.342	ng/ul	0.00
54) 4-Nitrophenol-d4	15.119	143	83248	21.758	ng/ul	0.00
60) Fluorene-d10	15.935	176	400701	19.602	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	78850	20.140	ng/ul	0.00
73) Anthracene-d10	17.798	188	693973	19.600	ng/ul	0.00
81) Pyrene-d10	20.066	212	799780	20.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.336	264	814361	19.666	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.679	88	19482	8.001	ng/uL	88
5) Pyridine	4.091	79	129537	20.277	ng/ul	94
6) Benzaldehyde	7.469	77	104354	21.068	ng/ul	84
8) Phenol	7.463	94	175043	20.322	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.739	93	127513	20.255	ng/ul	93
12) 2-Chlorophenol	7.868	128	102749	19.135	ng/ul#	90
13) 2-Methylphenol	8.738	108	131654	20.300	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.838	45	149399	19.763	ng/ul#	97
16) Acetophenone	9.167	105	207499	20.000	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.132	70	108398	18.639	ng/ul#	90
18) 4-Methylphenol	9.073	108	142335	20.095	ng/ul	97
19) Hexachloroethane	9.414	117	45811	20.356	ng/ul	87
22) Nitrobenzene	9.566	77	163310	19.574	ng/ul	94
23) Isophorone	10.072	82	341397	19.264	ng/ul	99
25) 2-Nitrophenol	10.272	139	65267	20.932	ng/ul	92
26) 2,4-Dimethylphenol	10.289	107	150984	19.539	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.554	93	180767	19.031	ng/ul	99
29) 2,4-Dichlorophenol	10.789	162	121845	19.791	ng/ul	97
30) Naphthalene	11.217	128	396252	19.566	ng/ul	100
32) 4-Chloroaniline	11.329	127	168160	20.041	ng/ul	98
33) Hexachlorobutadiene	11.453	225	88555	18.383	ng/ul	95
34) Caprolactam	12.105	113	49374	22.597	ng/ul#	86
35) 4-Chloro-3-methylphenol	12.398	107	157922	20.877	ng/ul	89
36) 2-Methylnaphthalene	12.798	142	293805	19.442	ng/ul	92

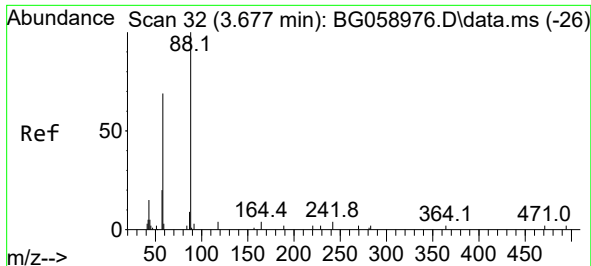
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.015	142	296477	19.890	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.139	216	177117	18.272	ng/ul#	94
40) Hexachlorocyclopentadiene	13.098	237	106455	14.925	ng/ul	97
41) 2,4,6-Trichlorophenol	13.380	196	119035	19.343	ng/ul	97
42) 2,4,5-Trichlorophenol	13.444	196	130177	19.540	ng/ul	94
43) 1,1'-Biphenyl	13.785	154	415834	18.733	ng/ul	95
44) 2-Chloronaphthalene	13.838	162	322097	18.999	ng/ul	98
45) 2-Nitroaniline	14.049	65	108136	20.797	ng/ul	90
47) Dimethylphthalate	14.390	163	422458	19.397	ng/ul#	98
48) 2,6-Dinitrotoluene	14.531	165	90743	21.903	ng/ul	96
50) Acenaphthylene	14.684	152	549525	19.650	ng/ul	97
51) 3-Nitroaniline	14.866	138	85950	21.618	ng/ul#	81
52) Acenaphthene	15.013	153	356500	18.997	ng/ul	95
53) 2,4-Dinitrophenol	15.060	184	50185	18.793	ng/ul#	84
55) 4-Nitrophenol	15.131	109	93896	20.799	ng/ul	87
56) Dibenzofuran	15.348	168	539092	19.833	ng/ul	98
57) 2,4-Dinitrotoluene	15.307	165	134622	23.549	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.548	232	128358	20.171	ng/ul#	89
59) Diethylphthalate	15.736	149	433645	20.196	ng/ul	96
61) Fluorene	15.994	166	445060	19.922	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.977	204	230570	19.505	ng/ul	96
63) 4-Nitroaniline	16.029	138	90148	23.925	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.053	198	83736	19.596	ng/ul#	98
67) N-Nitrosodiphenylamine	16.194	169	378201	17.989	ng/ul	97
68) 4-Bromophenyl-phenylether	16.876	248	153520	17.545	ng/ul	92
69) Hexachlorobenzene	16.964	284	185619	18.479	ng/ul#	92
70) Atrazine	17.128	200	168296	20.455	ng/ul	96
72) Phenanthrene	17.739	178	775444	19.156	ng/ul	99
74) Anthracene	17.833	178	799933	19.443	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.744	216	191746	16.660	ng/uL#	92
76) Pentachlorobenzene	15.236	250	179534	16.141	ng/uL	96
77) Carbazole	18.104	167	701360	20.357	ng/ul	97
78) Di-n-butylphthalate	18.615	149	791098	20.713	ng/ul	98
80) Fluoranthene	19.731	202	938074	20.268	ng/ul	99
82) Pyrene	20.095	202	969805	20.155	ng/ul#	96
83) Butylbenzylphthalate	20.959	149	330116	21.711	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.911	252	344492	20.637	ng/ul	95
85) Benzo(a)anthracene	21.999	228	976273	19.348	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	486019	21.343	ng/ul	97
87) Chrysene	22.069	228	901969	19.229	ng/ul	99
89) Di-n-octyl phthalate	23.180	149	817642	21.041	ng/ul	100
90) Benzo(b)fluoranthene	24.426	252	973301	19.342	ng/ul	96
91) Benzo(k)fluoranthene	24.426	252	973301	18.927	ng/ul	93
93) Benzo(a)pyrene	25.419	252	928832	19.783	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.713	276	1019524	17.186	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.802	278	954256	19.413	ng/ul	98
96) Benzo(g,h,i)perylene	31.024	276	919194	19.576	ng/ul	94

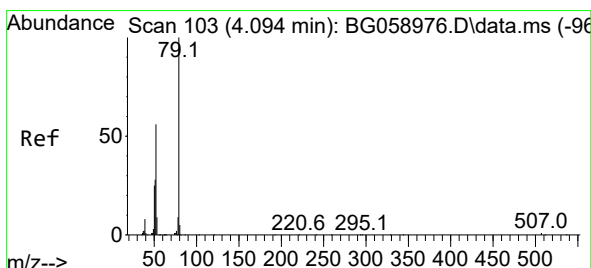
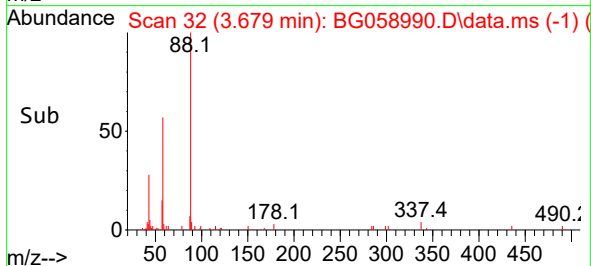
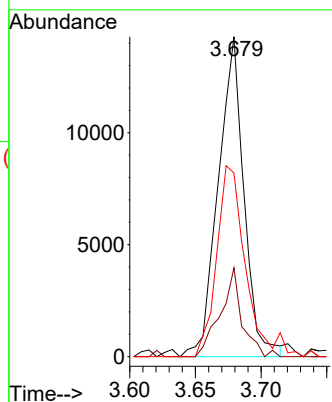
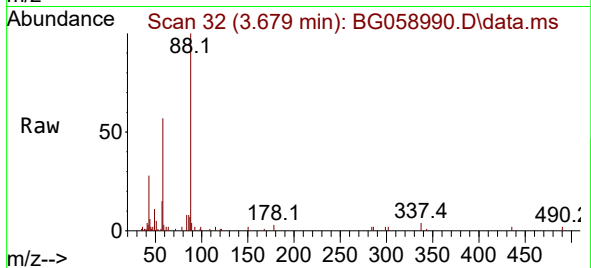
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#2
1,4-Dioxane
Concen: 8.001 ng/uL
RT: 3.679 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

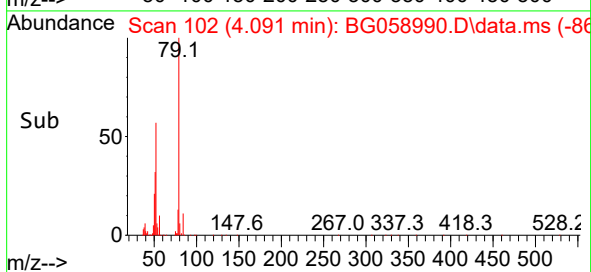
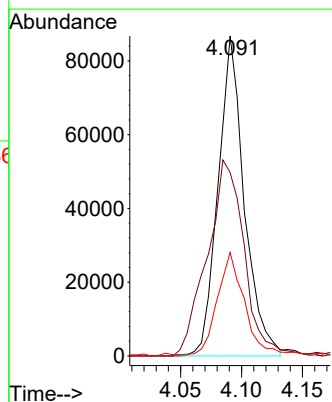
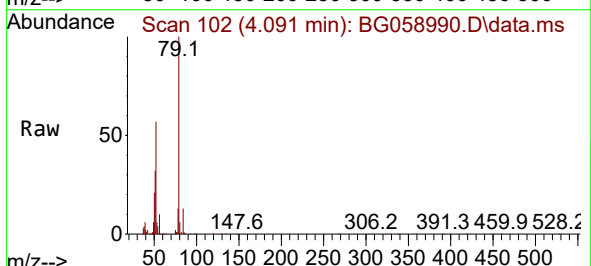
Instrument :
BNA_G
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SSTD020553

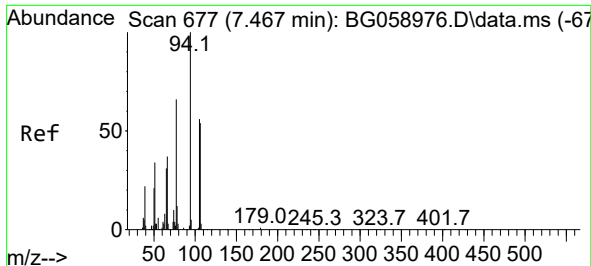
Tgt Ion: 88 Resp: 19482
Ion Ratio Lower Upper
88 100
43 27.8 18.6 28.0
58 57.4 53.8 80.8



#5
Pyridine
Concen: 20.277 ng/uL
RT: 4.091 min Scan# 102
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion: 79 Resp: 129537
Ion Ratio Lower Upper
79 100
52 57.3 51.4 77.0
51 32.4 25.2 37.8

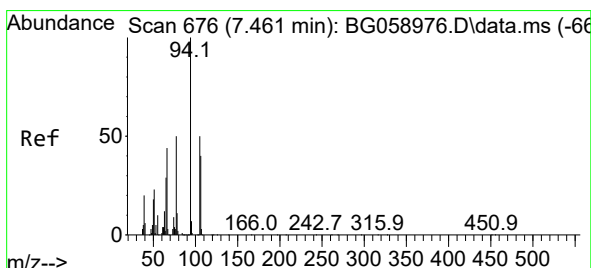
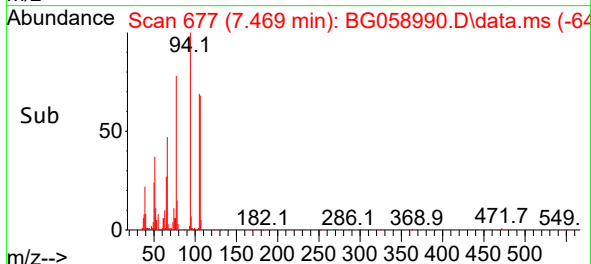
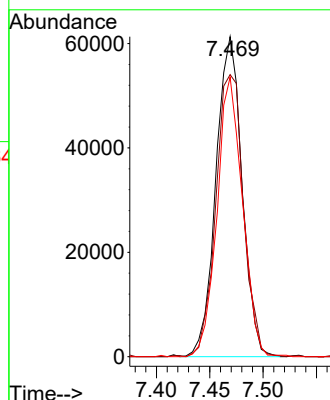
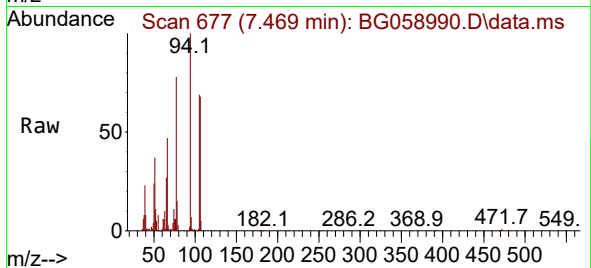




#6
Benzaldehyde
Concen: 21.068 ng/ul
RT: 7.469 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

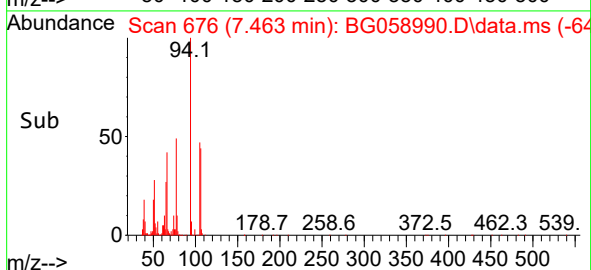
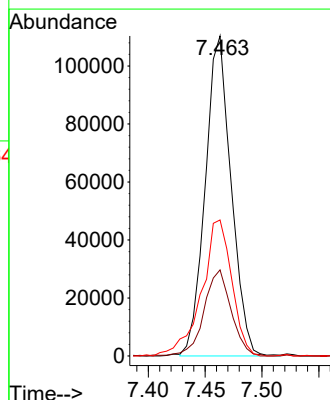
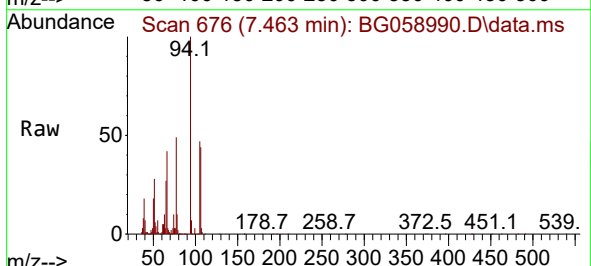
Instrument :
BNA_G
ClientSampleId :
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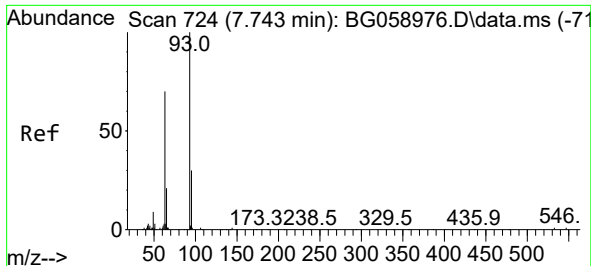
Tgt Ion: 77 Resp: 104354
Ion Ratio Lower Upper
77 100
105 88.1 81.6 122.4
106 87.3 84.5 126.7



#8
Phenol
Concen: 20.322 ng/ul
RT: 7.463 min Scan# 676
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion: 94 Resp: 175043
Ion Ratio Lower Upper
94 100
65 26.9 22.4 33.6
66 42.5 35.0 52.6

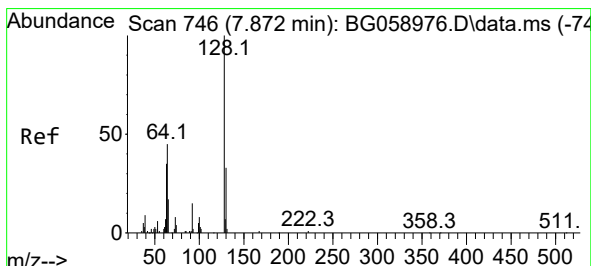
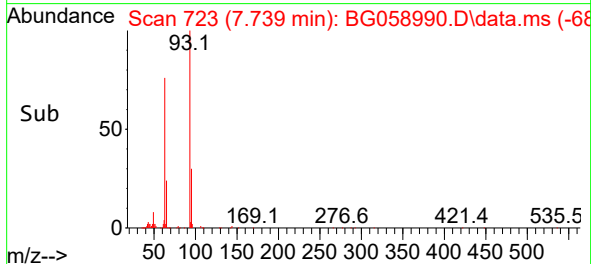
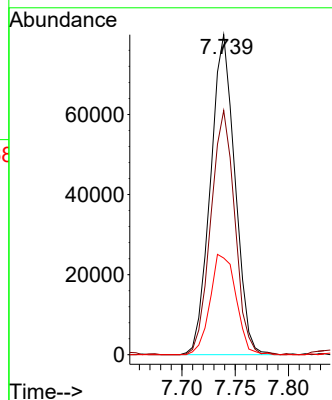
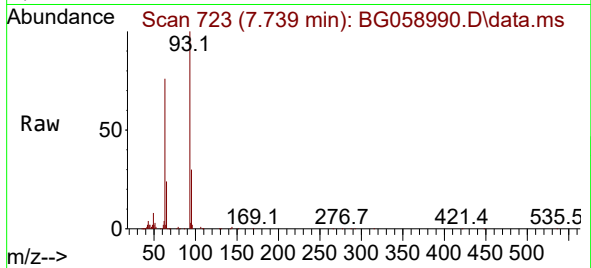




#10
Bis(2-Chloroethyl)ether
Concen: 20.255 ng/ul
RT: 7.739 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

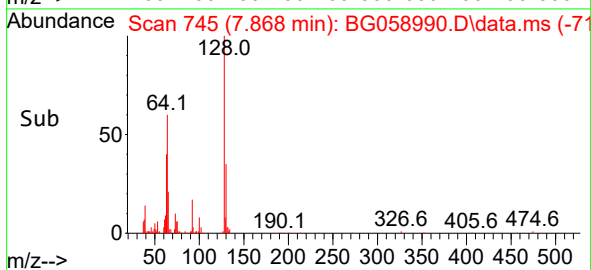
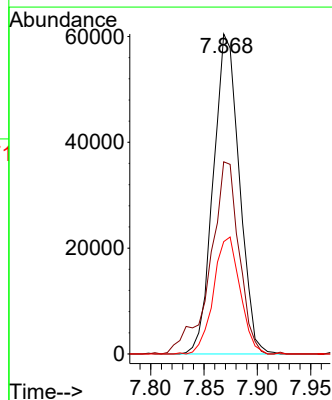
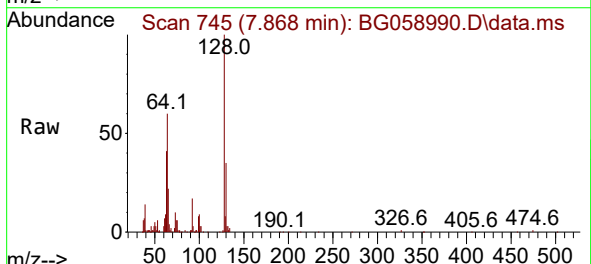
Instrument :
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ClientSampleId :
SSTD020553

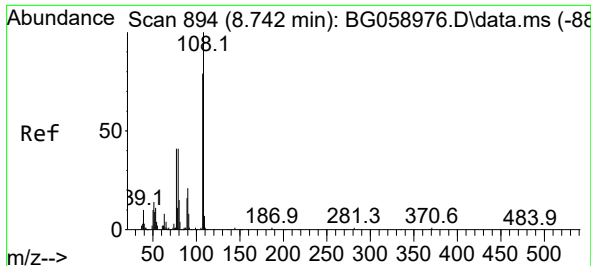
Tgt Ion: 93 Resp: 127513
Ion Ratio Lower Upper
93 100
63 76.3 56.2 84.4
95 30.2 26.4 39.6



#12
2-Chlorophenol
Concen: 19.135 ng/ul
RT: 7.868 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:128 Resp: 102749
Ion Ratio Lower Upper
128 100
64 60.1 43.1 64.7
130 35.1 23.2 34.8#





#13

2-Methylphenol

Concen: 20.300 ng/ul

RT: 8.738 min Scan# 894

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

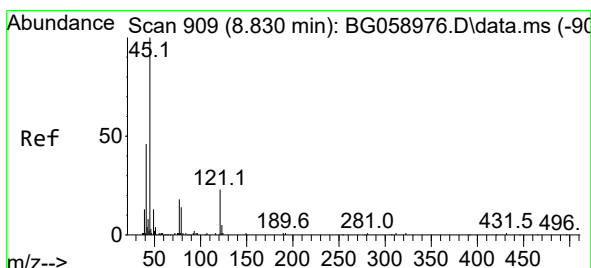
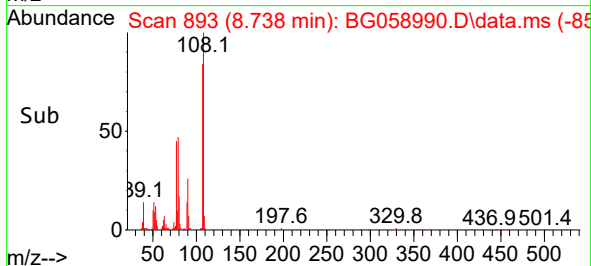
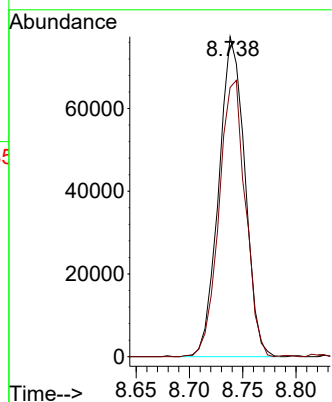
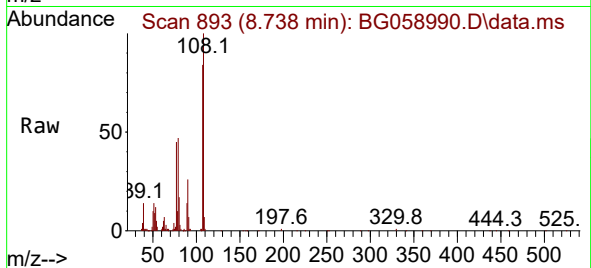
SSTD020553

Tgt Ion:108 Resp: 131654

Ion Ratio Lower Upper

108 100

107 84.1 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.763 ng/ul

RT: 8.838 min Scan# 910

Delta R.T. 0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

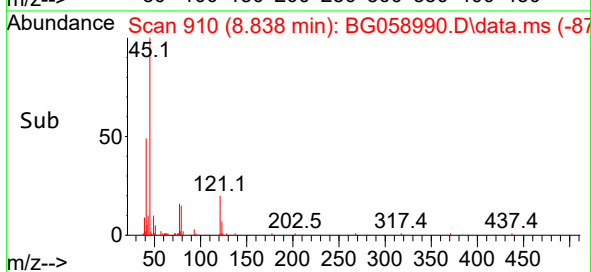
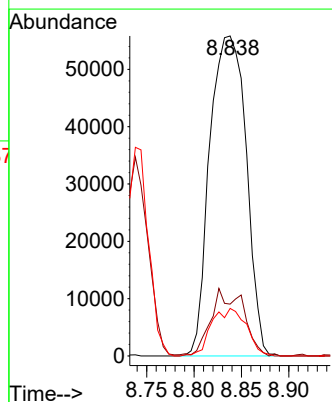
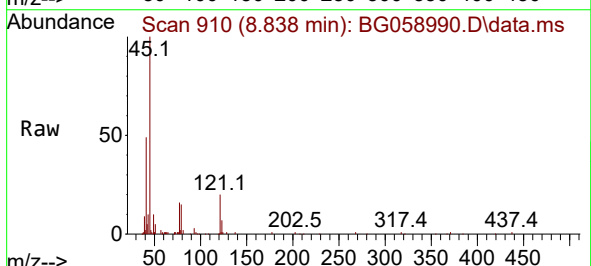
Tgt Ion: 45 Resp: 149399

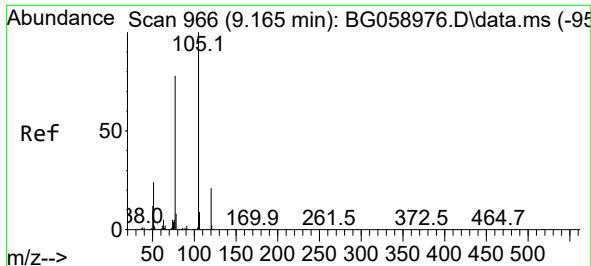
Ion Ratio Lower Upper

45 100

77 16.2 13.2 19.8

79 14.8 9.8 14.6#

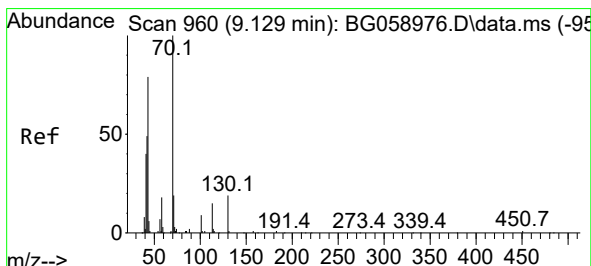
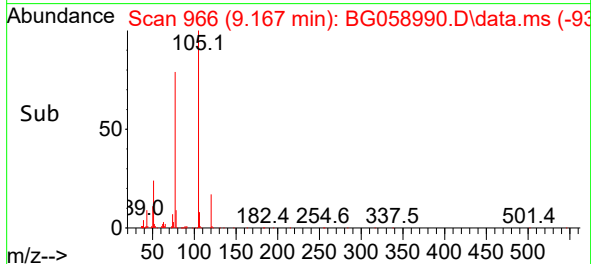
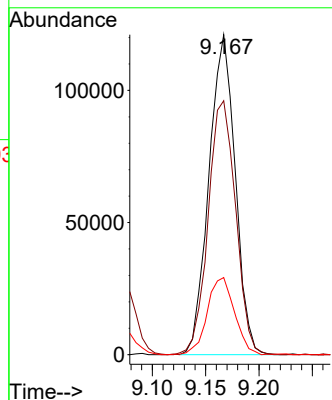
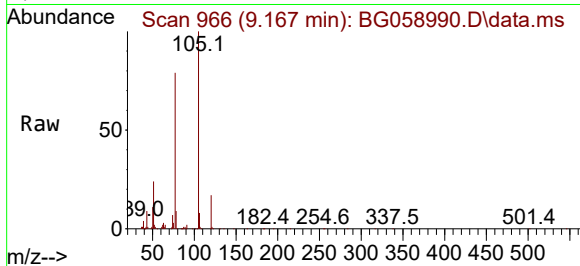




#16
Acetophenone
Concen: 20.000 ng/ul
RT: 9.167 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

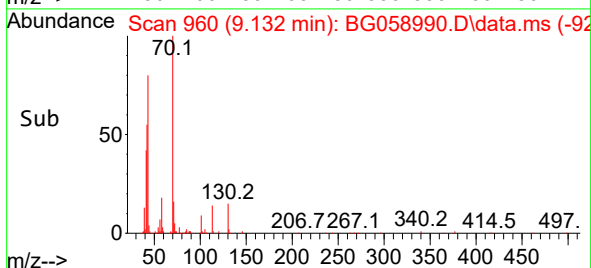
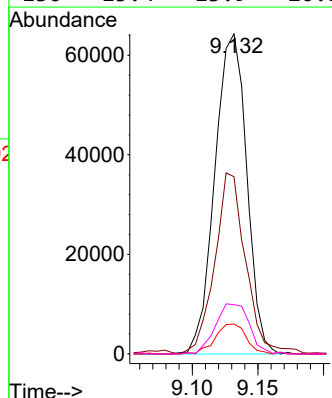
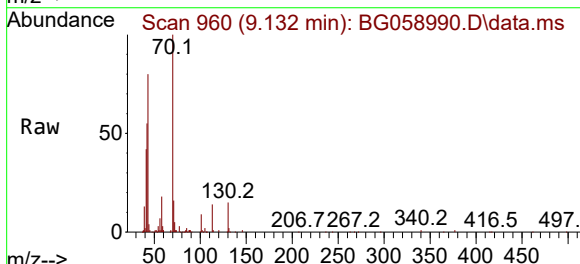
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ClientSampleId :
SSTD020553

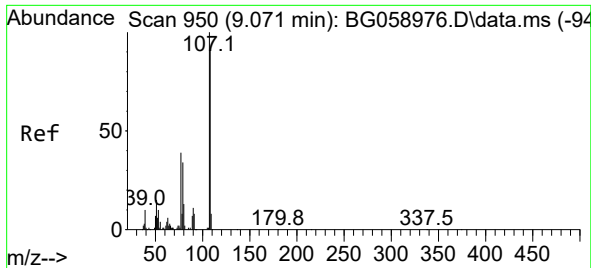
Tgt Ion:105 Resp: 207499
Ion Ratio Lower Upper
105 100
77 79.4 67.3 100.9
51 24.1 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 18.639 ng/ul
RT: 9.132 min Scan# 960
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion: 70 Resp: 108398
Ion Ratio Lower Upper
70 100
42 55.4 37.5 56.3
101 9.3 5.0 7.6#
130 15.4 13.9 20.9

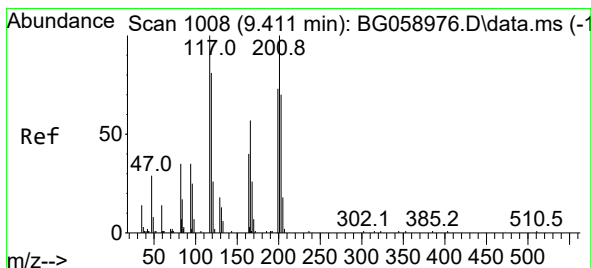
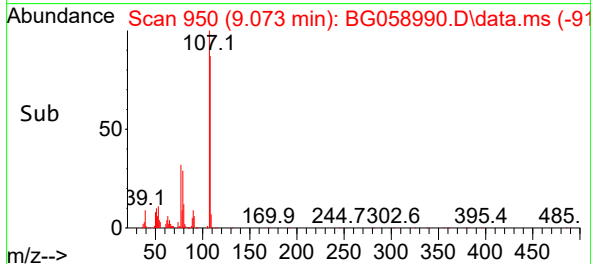
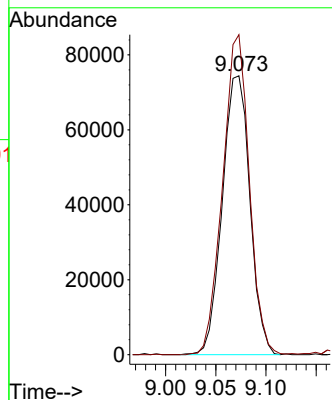
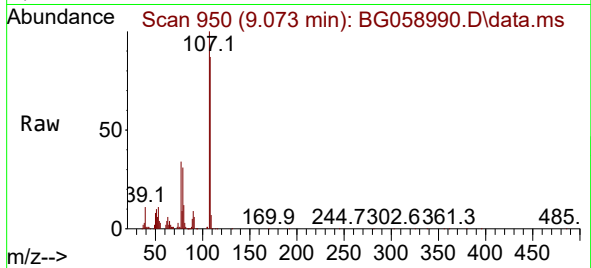




#18
4-Methylphenol
Concen: 20.095 ng/ul
RT: 9.073 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

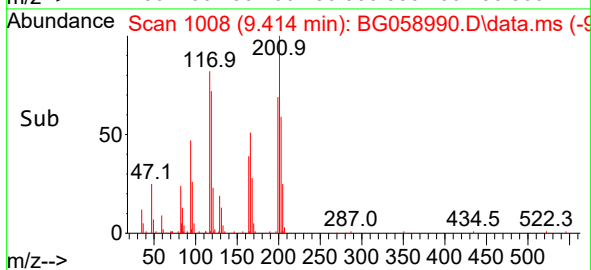
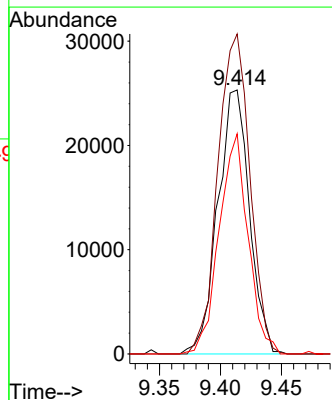
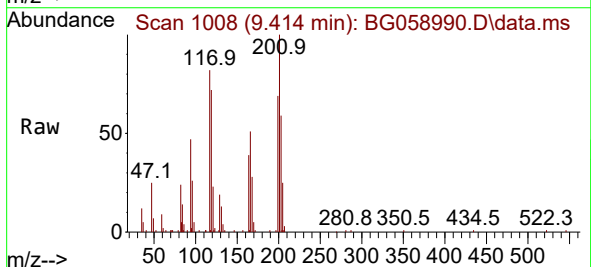
Instrument :
BNA_G
ClientSampleId :
SSTD020553

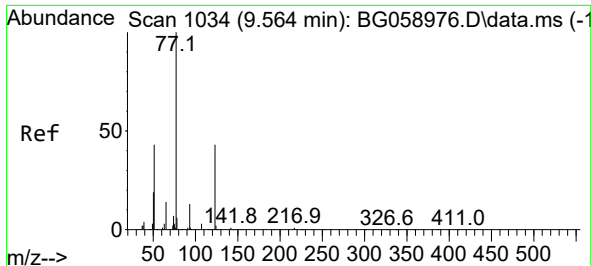
Tgt Ion:108 Resp: 142335
Ion Ratio Lower Upper
108 100
107 114.7 88.9 133.3



#19
Hexachloroethane
Concen: 20.356 ng/ul
RT: 9.414 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:117 Resp: 45811
Ion Ratio Lower Upper
117 100
201 121.2 108.2 162.4
199 83.4 56.0 84.0

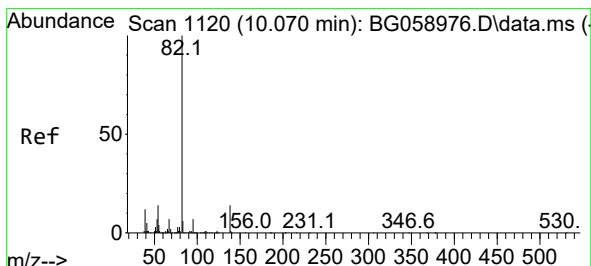
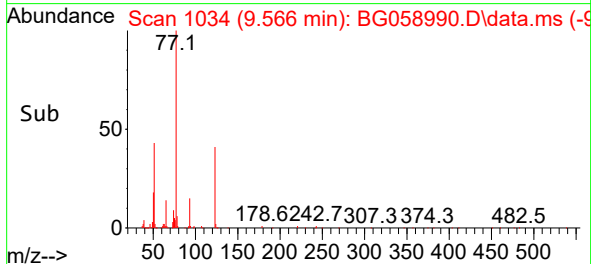
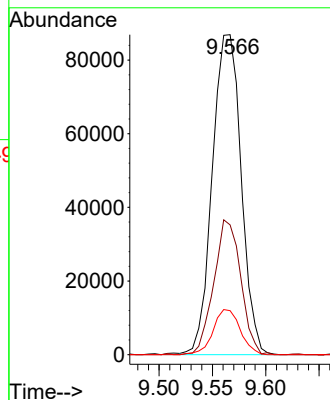
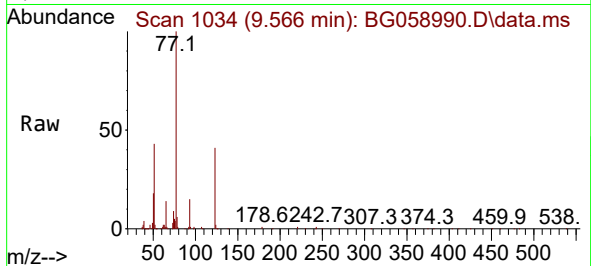




#22
Nitrobenzene
Concen: 19.574 ng/ul
RT: 9.566 min Scan# 1034
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

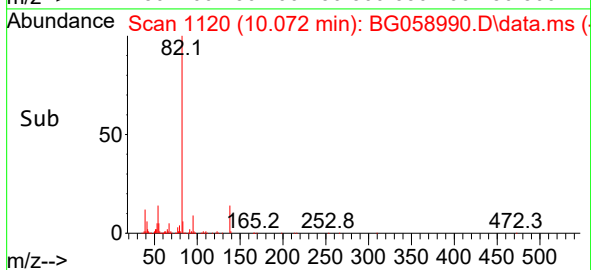
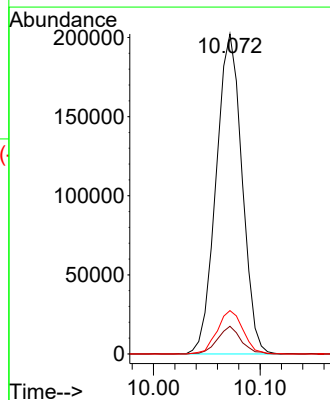
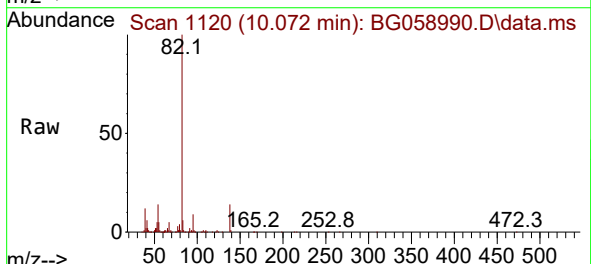
Instrument :
BNA_G
ClientSampleId :
SSTD020553

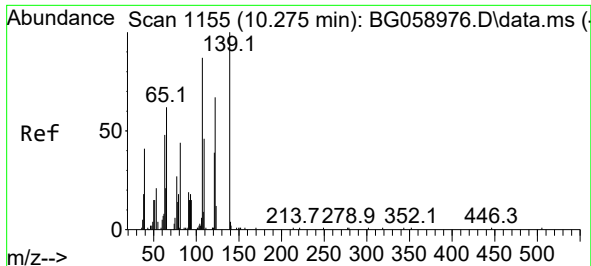
Tgt Ion: 77 Resp: 163310
Ion Ratio Lower Upper
77 100
123 40.5 28.5 42.7
65 13.7 11.5 17.3



#23
Isophorone
Concen: 19.264 ng/ul
RT: 10.072 min Scan# 1120
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion: 82 Resp: 341397
Ion Ratio Lower Upper
82 100
95 8.6 6.6 9.8
138 13.5 10.4 15.6

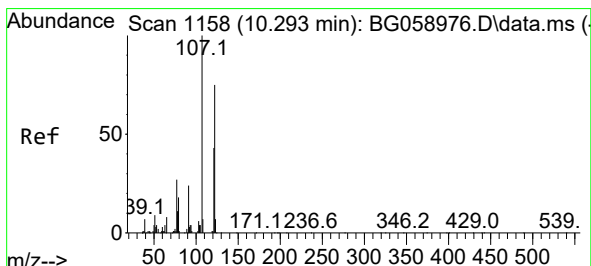
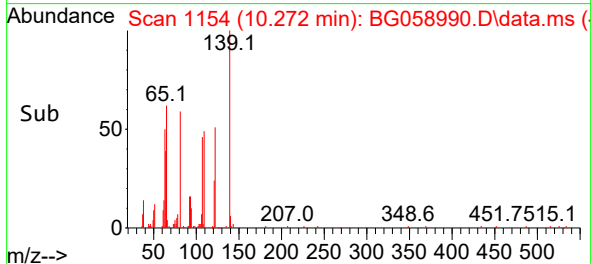
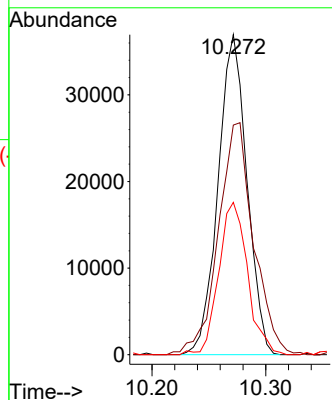
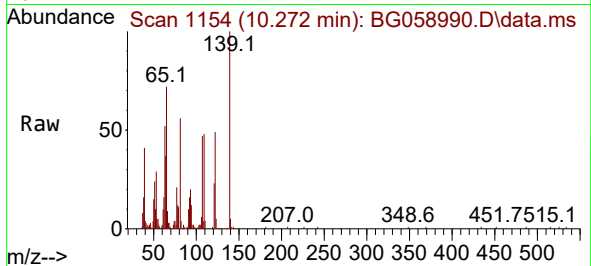




#25
2-Nitrophenol
Concen: 20.932 ng/ul
RT: 10.272 min Scan# 1154
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

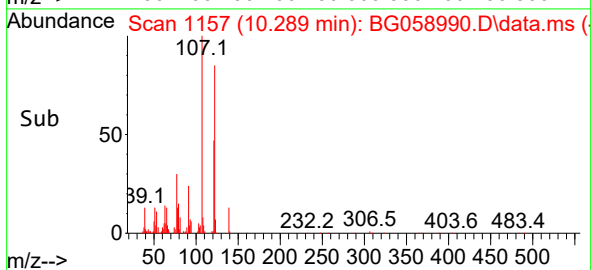
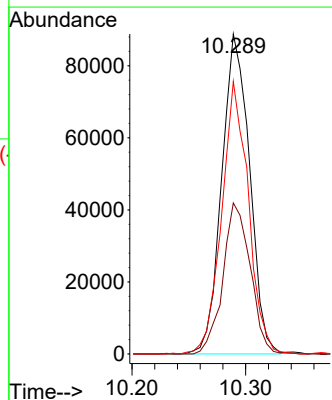
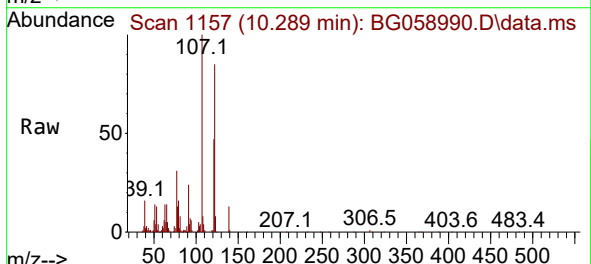
Instrument :
BNA_G
ClientSampleId :
SSTD020553

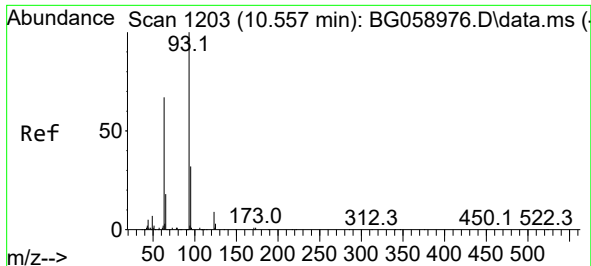
Tgt Ion:139 Resp: 65267
Ion Ratio Lower Upper
139 100
65 71.7 53.5 80.3
109 47.6 32.0 48.0



#26
2,4-Dimethylphenol
Concen: 19.539 ng/ul
RT: 10.289 min Scan# 1157
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:107 Resp: 150984
Ion Ratio Lower Upper
107 100
121 47.2 36.4 54.6
122 85.2 69.4 104.0

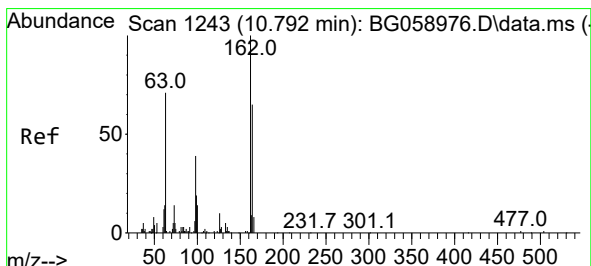
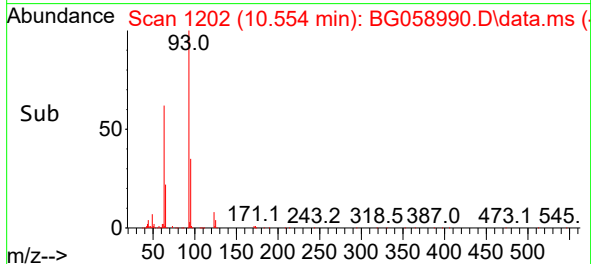
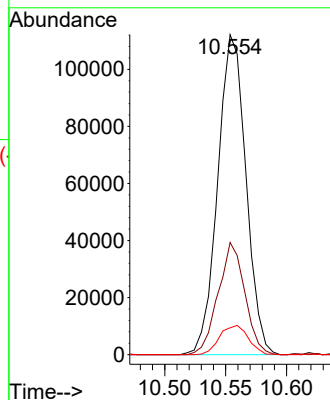
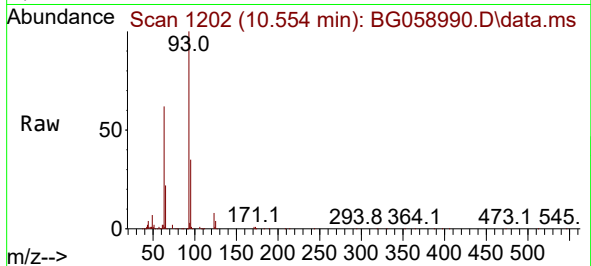




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.031 ng/ul
 RT: 10.554 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

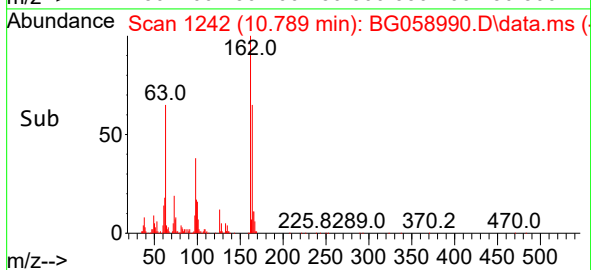
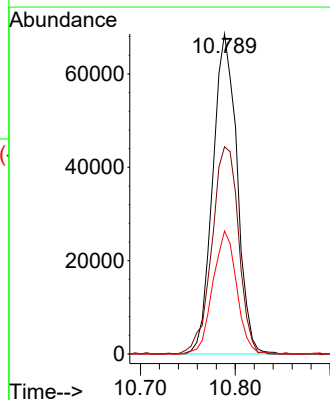
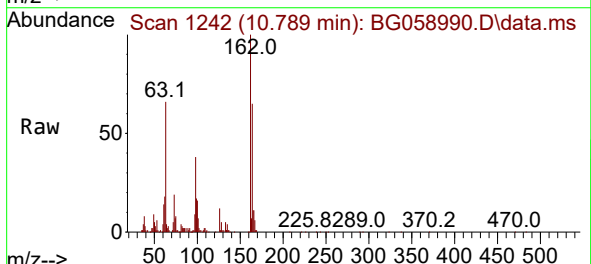
Instrument :
 BNA_G
 ClientSampleId :
 SST020553

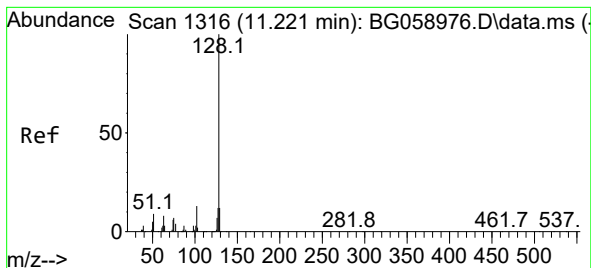
Tgt Ion: 93 Resp: 180767
 Ion Ratio Lower Upper
 93 100
 95 35.0 27.8 41.6
 123 8.4 7.3 10.9



#29
 2,4-Dichlorophenol
 Concen: 19.791 ng/ul
 RT: 10.789 min Scan# 1242
 Delta R.T. -0.003 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Tgt Ion:162 Resp: 121845
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.4 77.0
 98 38.5 27.2 40.8

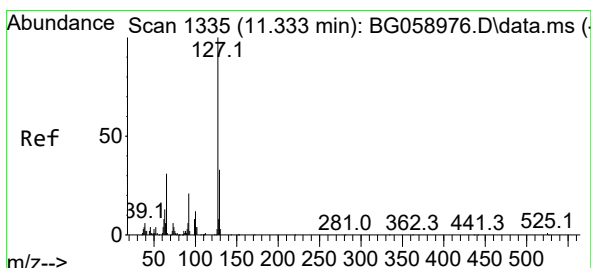
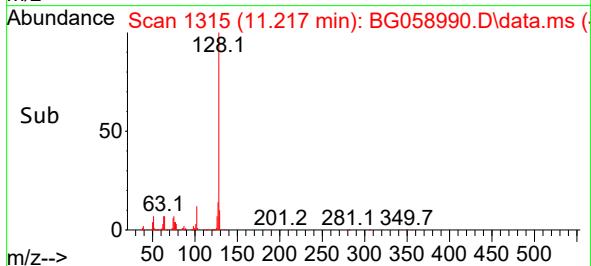
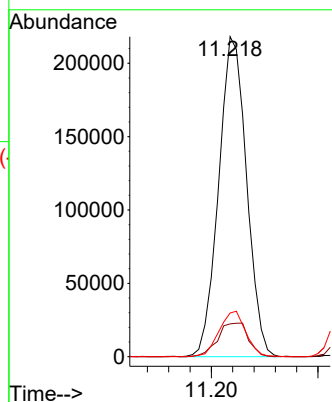
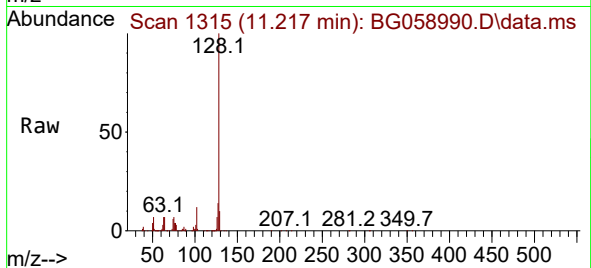




#30
Naphthalene
Concen: 19.566 ng/ul
RT: 11.217 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

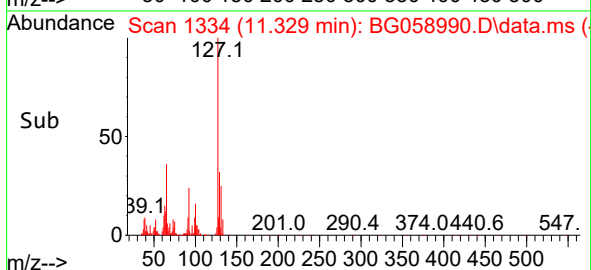
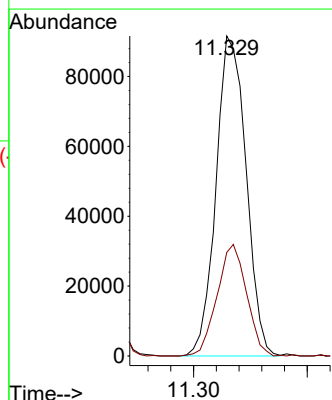
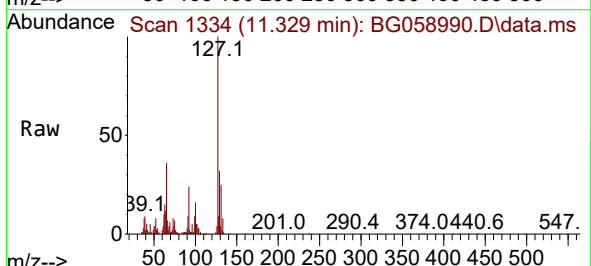
Instrument :
BNA_G
ClientSampleId :
SSTD020553

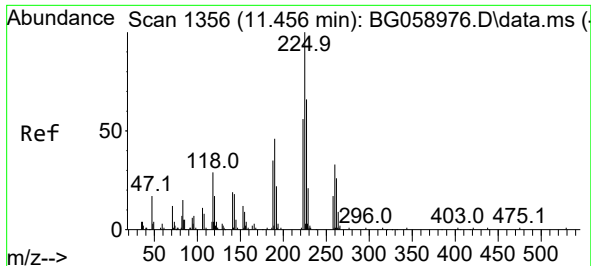
Tgt Ion:128 Resp: 396252
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.2
127 13.6 10.9 16.3



#32
4-Chloroaniline
Concen: 20.041 ng/ul
RT: 11.329 min Scan# 1334
Delta R.T. -0.009 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:127 Resp: 168160
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8

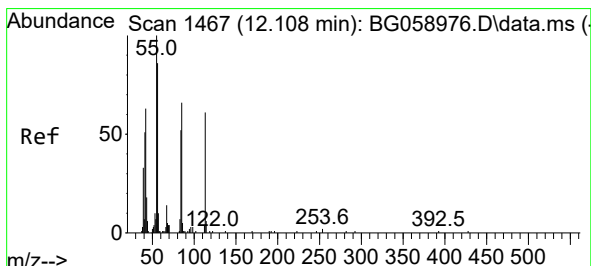
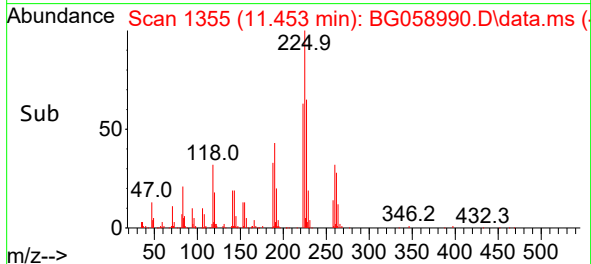
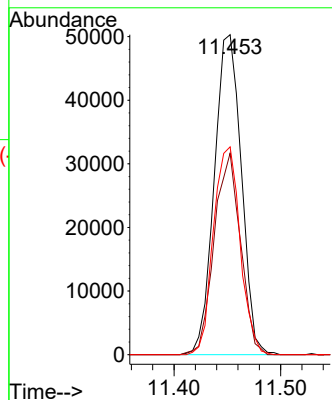
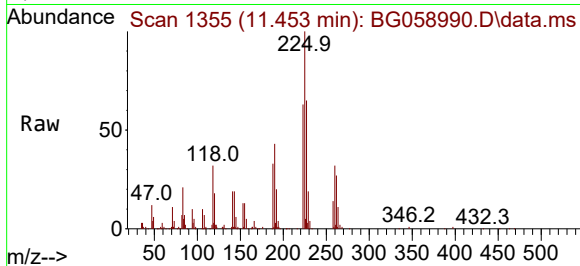




#33
Hexachlorobutadiene
Concen: 18.383 ng/ul
RT: 11.453 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

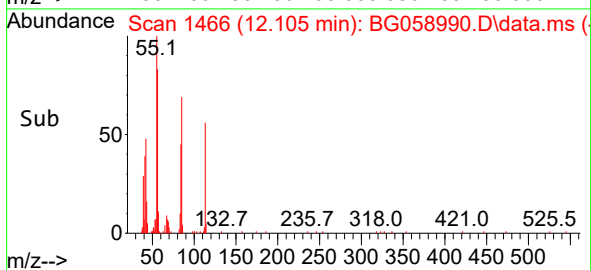
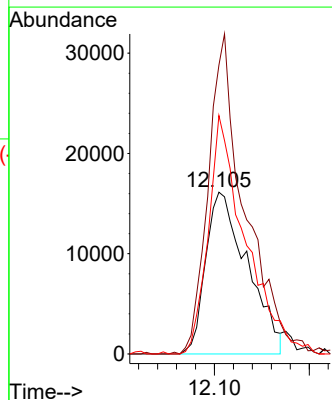
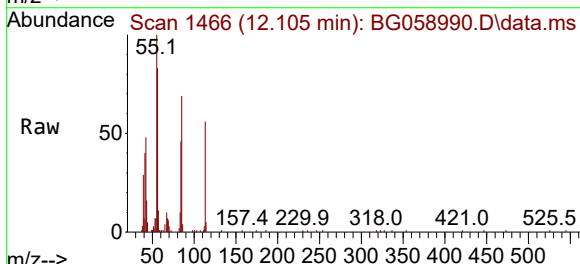
Instrument :
BNA_G
ClientSampleId :
SSTD020553

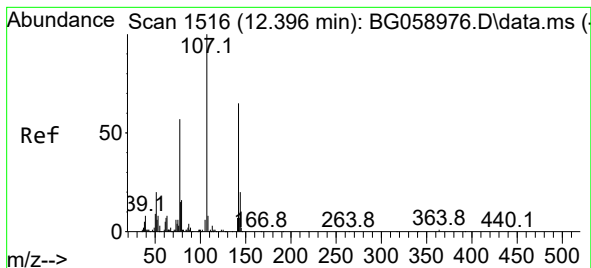
Tgt Ion:225 Resp: 88555
Ion Ratio Lower Upper
225 100
223 63.0 45.5 68.3
227 64.9 50.2 75.4



#34
Caprolactam
Concen: 22.597 ng/ul
RT: 12.105 min Scan# 1466
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:113 Resp: 49374
Ion Ratio Lower Upper
113 100
55 178.5 140.5 210.7
56 147.3 90.4 135.6#

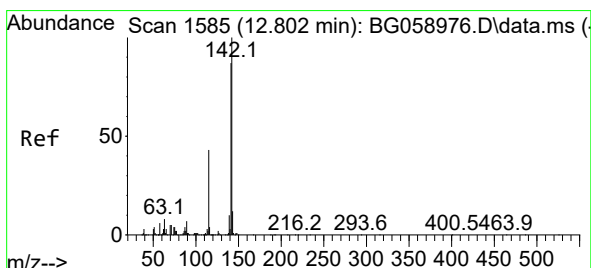
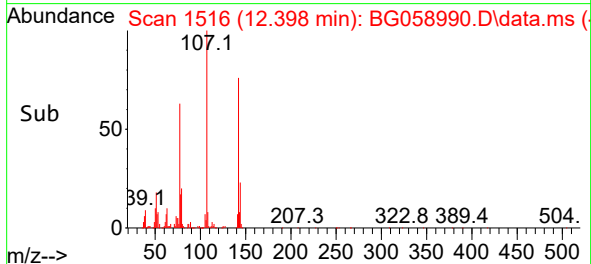
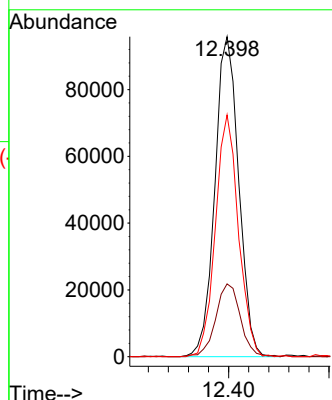
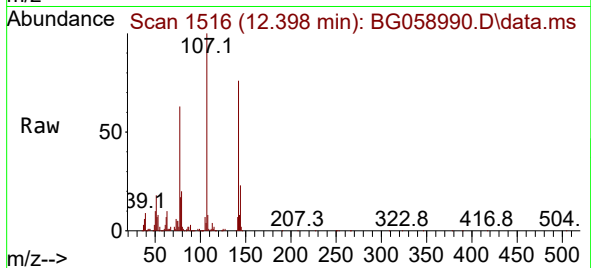




#35
4-Chloro-3-methylphenol
Concen: 20.877 ng/ul
RT: 12.398 min Scan# 1516
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

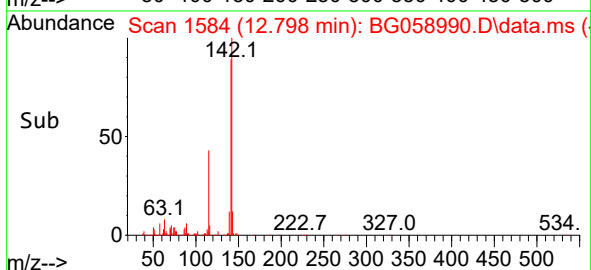
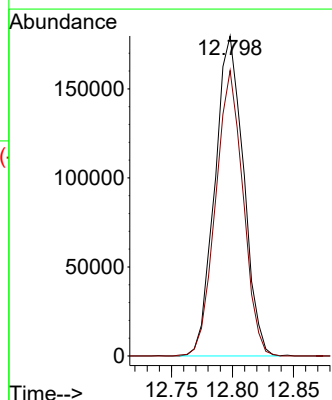
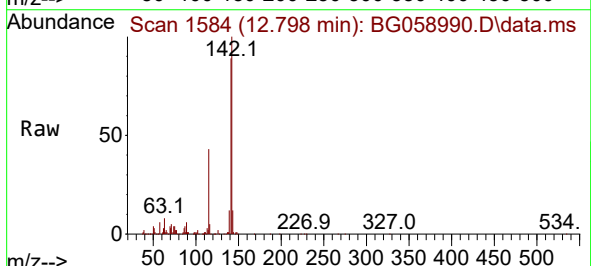
Instrument :
BNA_G
ClientSampleId :
SSTD020553

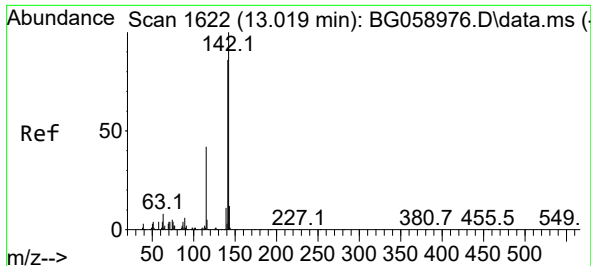
Tgt Ion:107 Resp: 157922
Ion Ratio Lower Upper
107 100
144 22.8 20.2 30.2
142 75.6 51.6 77.4



#36
2-Methylnaphthalene
Concen: 19.442 ng/ul
RT: 12.798 min Scan# 1584
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:142 Resp: 293805
Ion Ratio Lower Upper
142 100
141 89.2 65.7 98.5





#37

1-Methylnaphthalene

Concen: 19.890 ng/ul

RT: 13.015 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

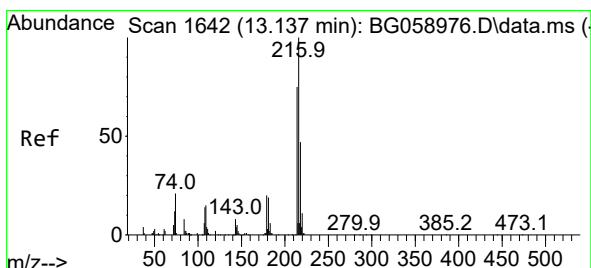
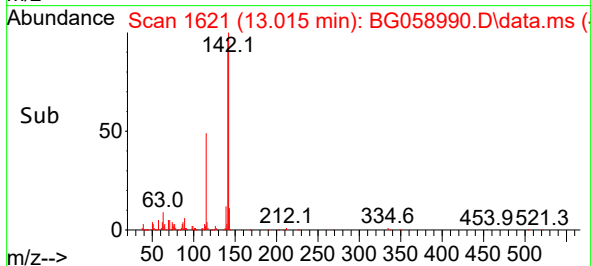
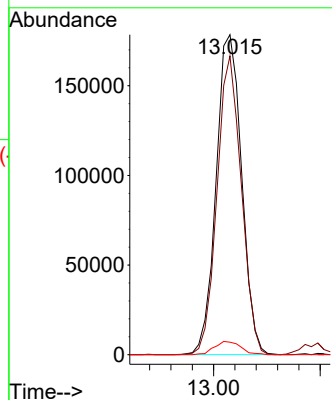
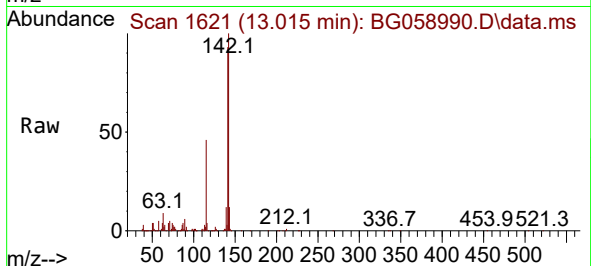
Tgt Ion:142 Resp: 296477

Ion Ratio Lower Upper

142 100

141 93.4 73.1 109.7

116 3.9 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.272 ng/ul

RT: 13.139 min Scan# 1642

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Tgt Ion:216 Resp: 177117

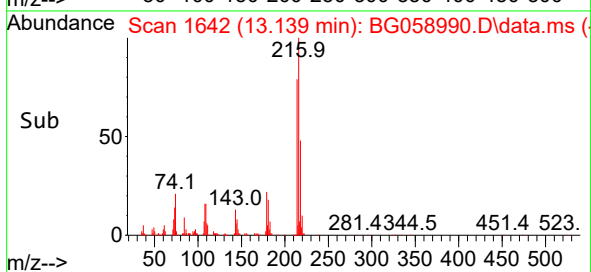
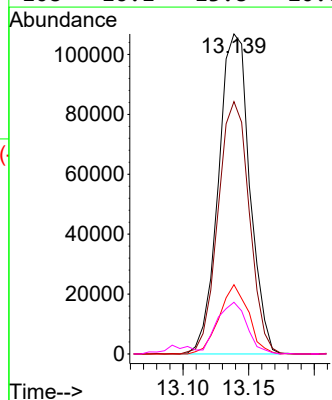
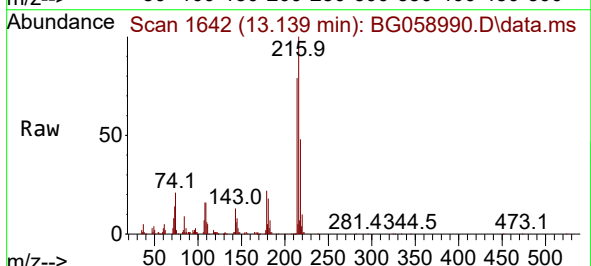
Ion Ratio Lower Upper

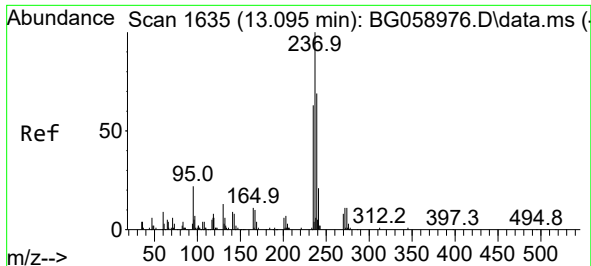
216 100

214 78.8 59.6 89.4

179 21.6 13.6 20.4#

108 16.1 13.8 20.6

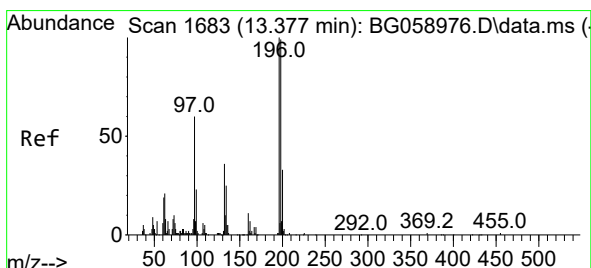
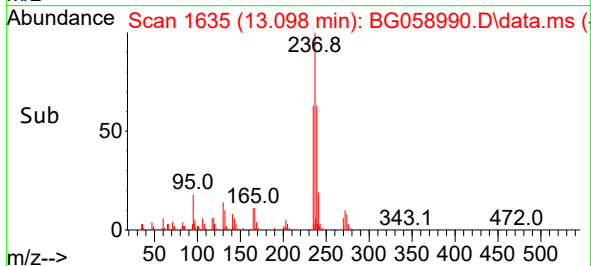
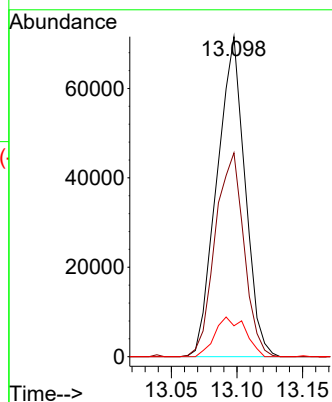
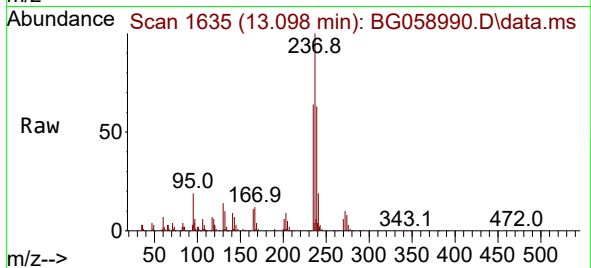




#40
Hexachlorocyclopentadiene
Concen: 14.925 ng/ul
RT: 13.098 min Scan# 1635
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

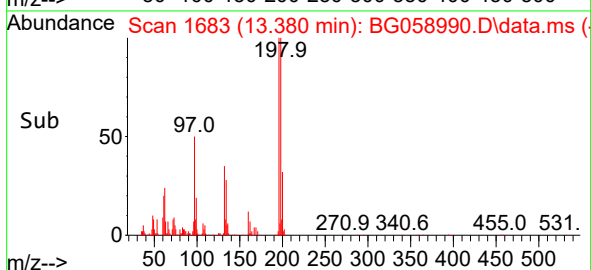
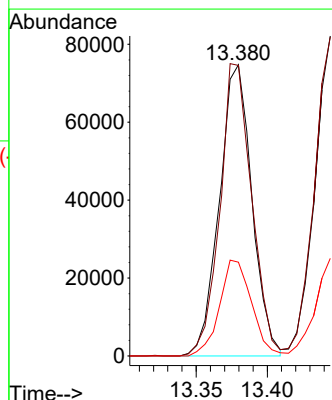
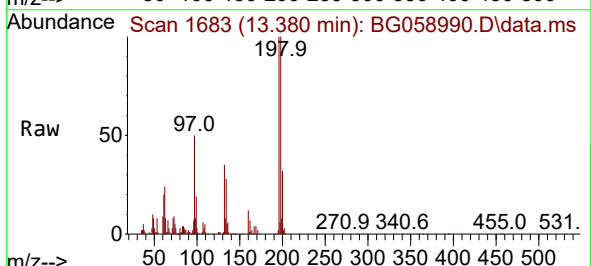
Instrument :
BNA_G
ClientSampleId :
SSTD020553

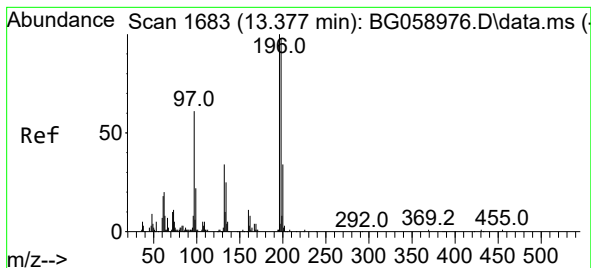
Tgt Ion:237 Resp: 106455
Ion Ratio Lower Upper
237 100
235 63.7 52.6 78.8
272 9.6 8.6 13.0



#41
2,4,6-Trichlorophenol
Concen: 19.343 ng/ul
RT: 13.380 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:196 Resp: 119035
Ion Ratio Lower Upper
196 100
198 99.8 78.3 117.5
200 32.2 23.7 35.5

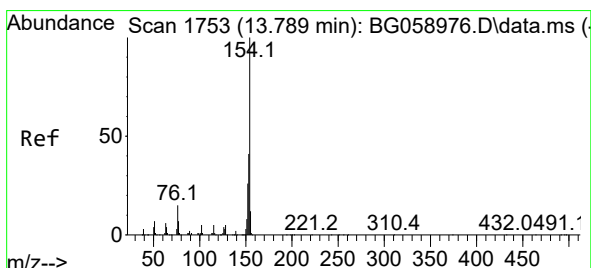
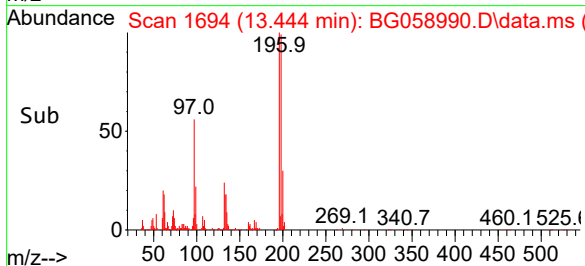
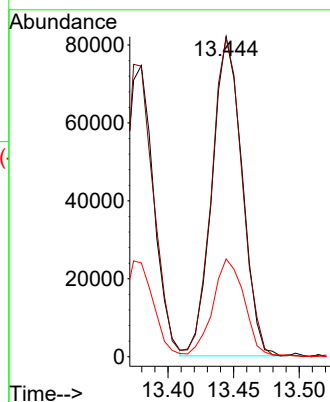
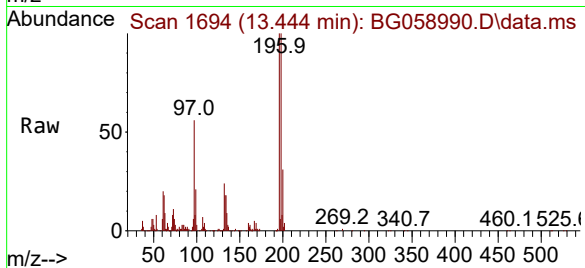




#42
2,4,5-Trichlorophenol
Concen: 19.540 ng/ul
RT: 13.444 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

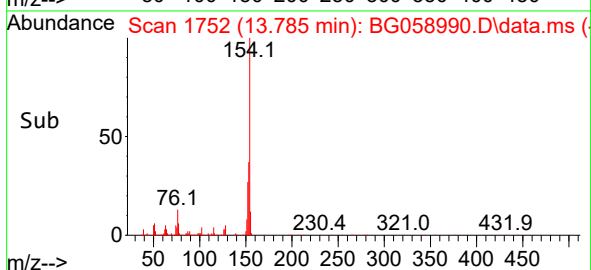
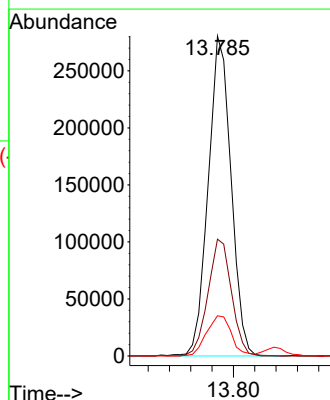
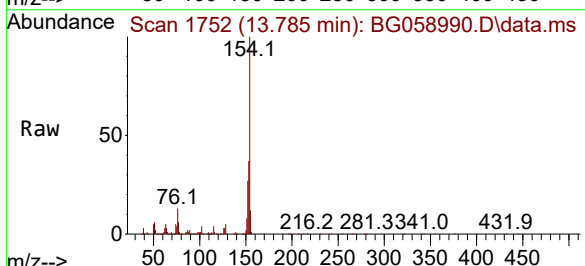
Instrument :
BNA_G
ClientSampleId :
SSTD020553

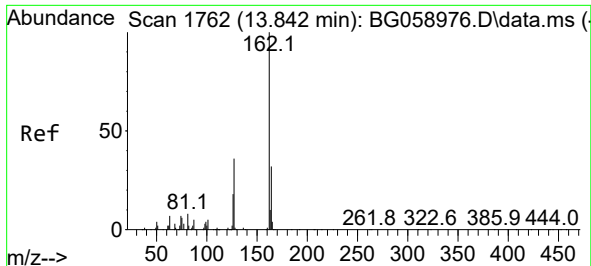
Tgt Ion:196 Resp: 130177
Ion Ratio Lower Upper
196 100
198 99.7 84.8 127.2
200 30.5 27.7 41.5



#43
1,1'-Biphenyl
Concen: 18.733 ng/ul
RT: 13.785 min Scan# 1752
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:154 Resp: 415834
Ion Ratio Lower Upper
154 100
153 36.5 31.6 47.4
76 12.6 9.0 13.4

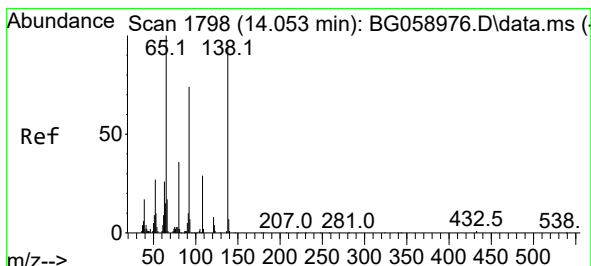
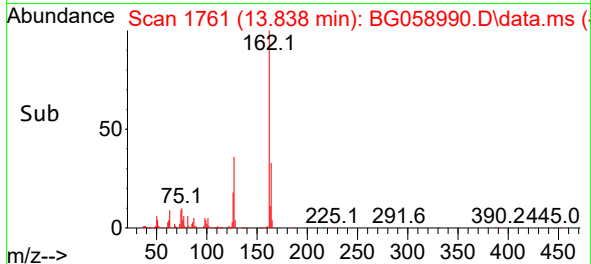
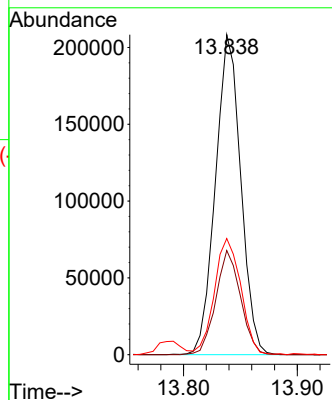
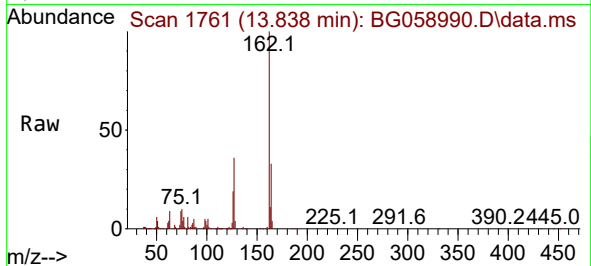




#44
2-Chloronaphthalene
Concen: 18.999 ng/ul
RT: 13.838 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

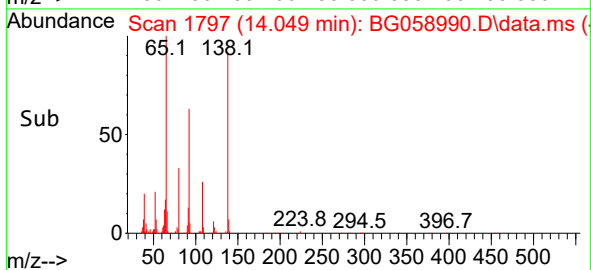
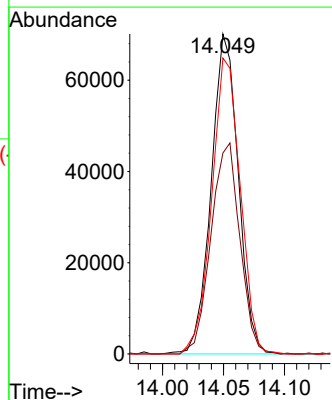
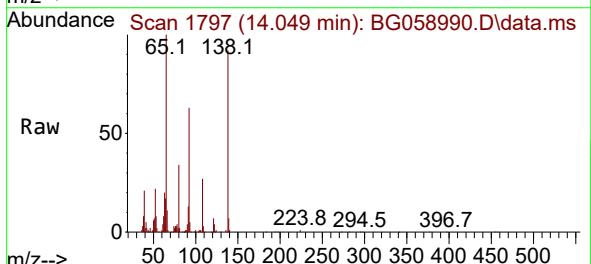
Instrument :
BNA_G
ClientSampleId :
SSTD020553

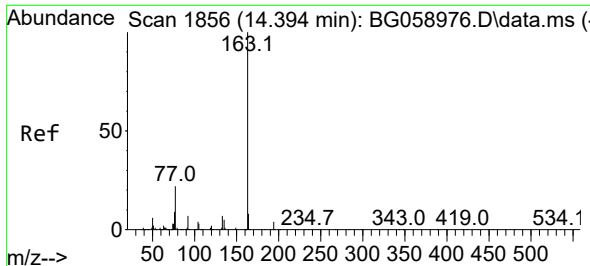
Tgt Ion:162 Resp: 322097
Ion Ratio Lower Upper
162 100
164 32.5 27.6 41.4
127 36.3 29.4 44.0



#45
2-Nitroaniline
Concen: 20.797 ng/ul
RT: 14.049 min Scan# 1797
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion: 65 Resp: 108136
Ion Ratio Lower Upper
65 100
92 62.8 54.0 81.0
138 92.5 64.8 97.2

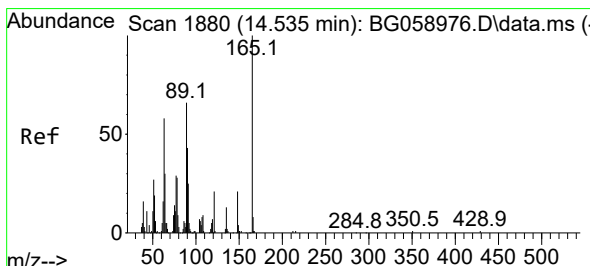
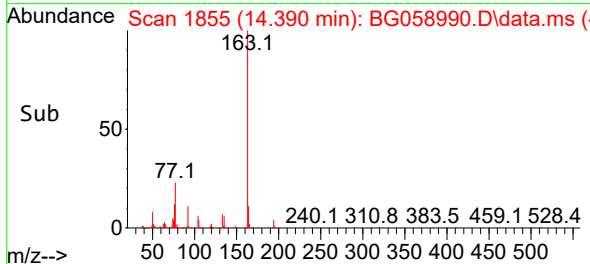
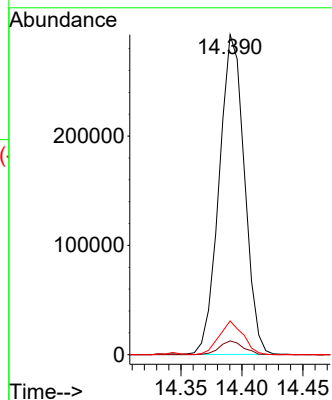
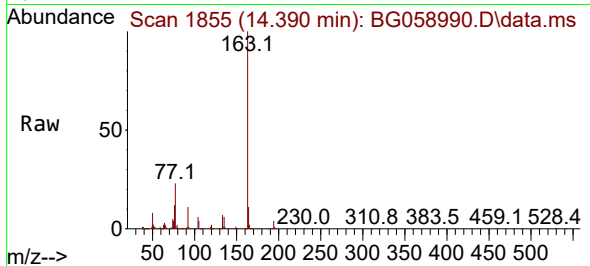




#47
Dimethylphthalate
Concen: 19.397 ng/ul
RT: 14.390 min Scan# 1855
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

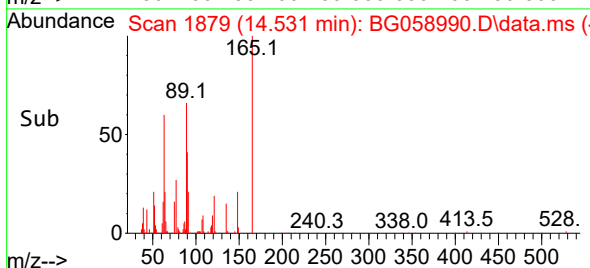
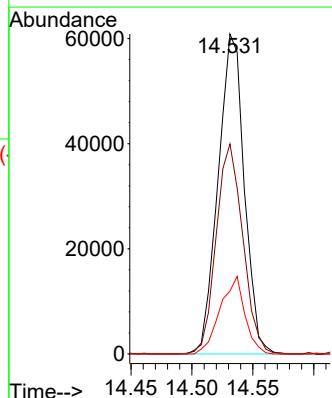
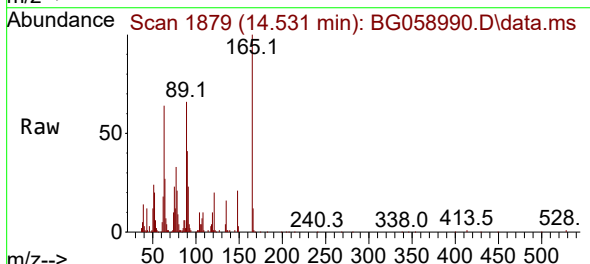
Instrument :
BNA_G
ClientSampleId :
SSTD020553

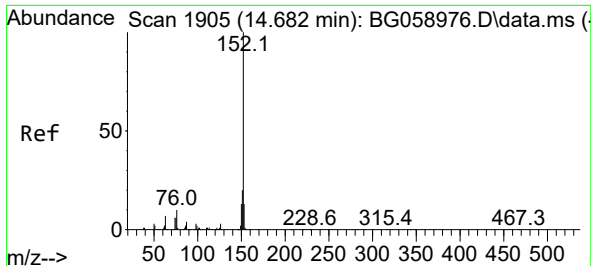
Tgt Ion:163 Resp: 422458
Ion Ratio Lower Upper
163 100
194 4.3 2.8 4.2#
164 10.6 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.903 ng/ul
RT: 14.531 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:165 Resp: 90743
Ion Ratio Lower Upper
165 100
89 65.6 55.8 83.6
121 19.6 16.3 24.5

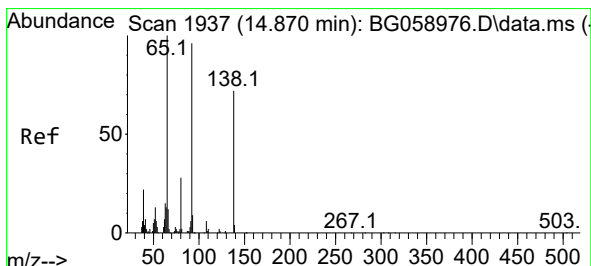
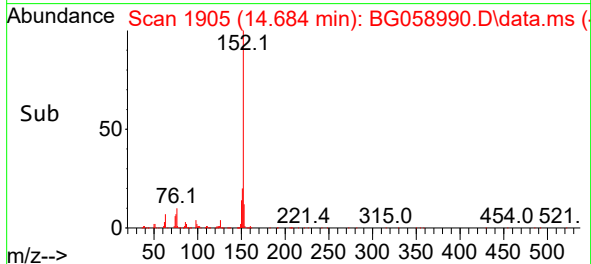
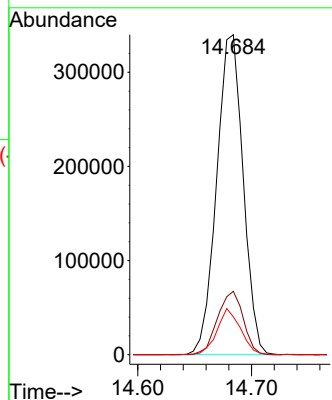
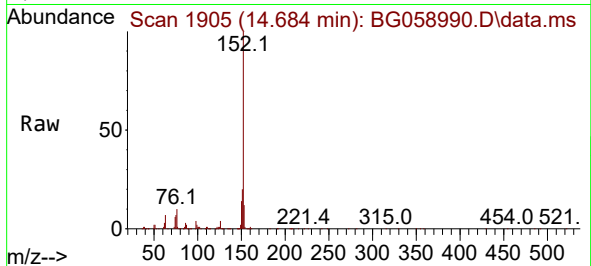




#50
Acenaphthylene
Concen: 19.650 ng/ul
RT: 14.684 min Scan# 1905
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

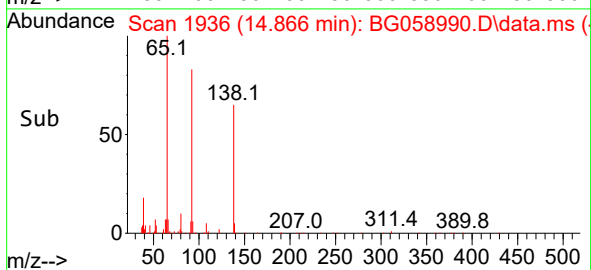
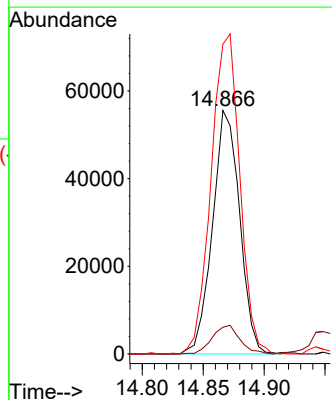
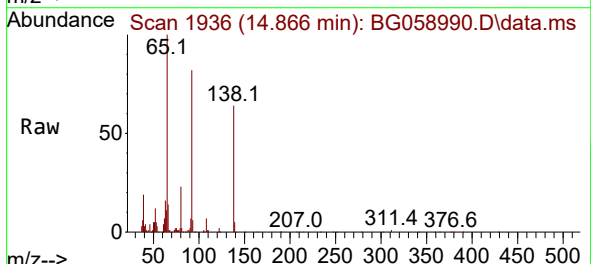
Instrument :
BNA_G
ClientSampleId :
SSTD020553

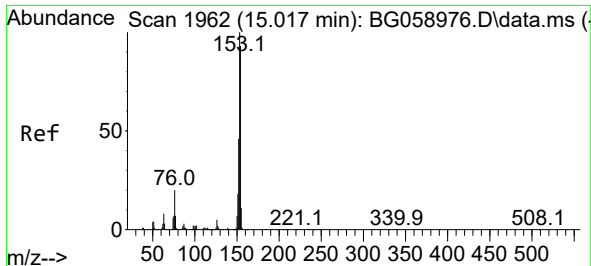
Tgt Ion:152 Resp: 549525
Ion Ratio Lower Upper
152 100
151 19.8 14.6 21.8
153 11.9 10.4 15.6



#51
3-Nitroaniline
Concen: 21.618 ng/ul
RT: 14.866 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:138 Resp: 85950
Ion Ratio Lower Upper
138 100
108 11.0 11.8 17.6#
92 127.2 122.2 183.2

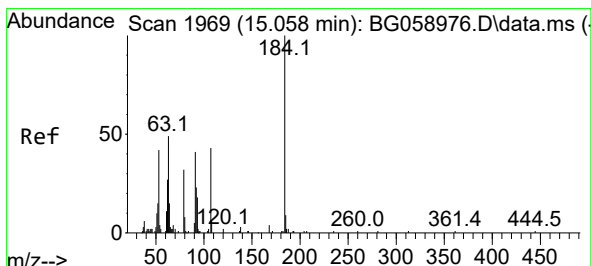
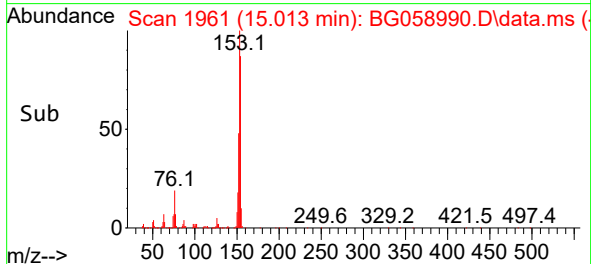
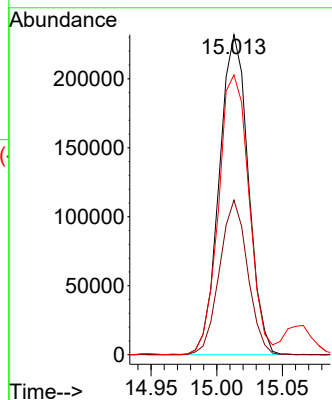
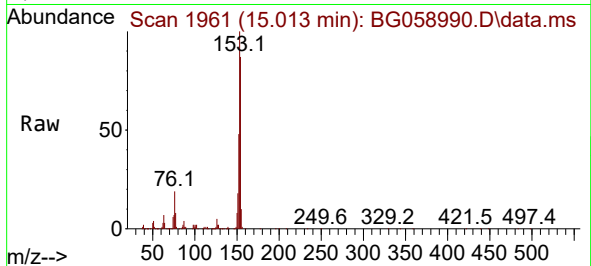




#52
Acenaphthene
Concen: 18.997 ng/ul
RT: 15.013 min Scan# 1961
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

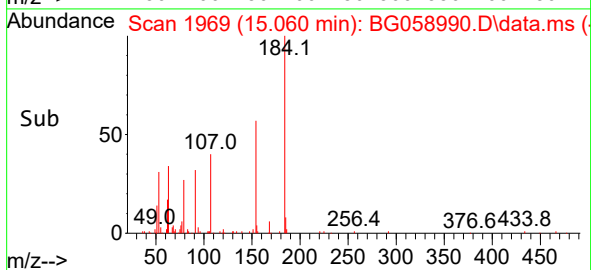
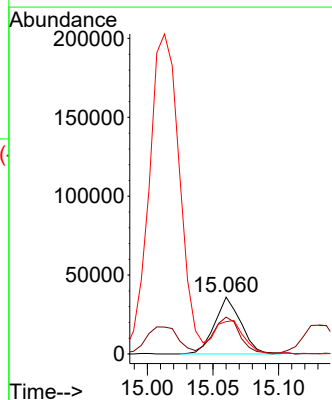
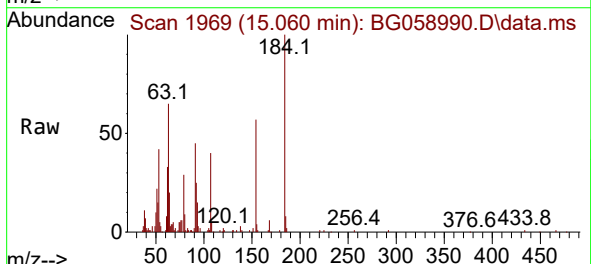
Instrument :
BNA_G
ClientSampleId :
SSTD020553

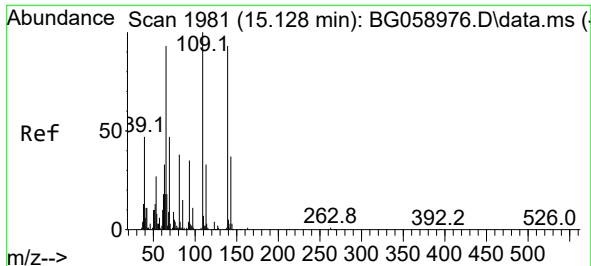
Tgt Ion:153 Resp: 356500
Ion Ratio Lower Upper
153 100
152 48.3 36.5 54.7
154 87.4 74.1 111.1



#53
2,4-Dinitrophenol
Concen: 18.793 ng/ul
RT: 15.060 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:184 Resp: 50185
Ion Ratio Lower Upper
184 100
63 64.6 57.7 86.5
154 56.8 60.7 91.1#

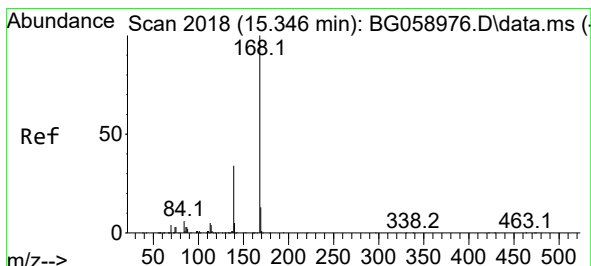
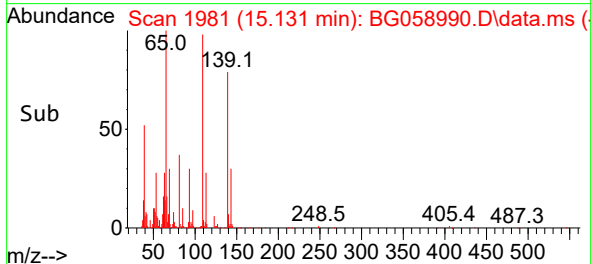
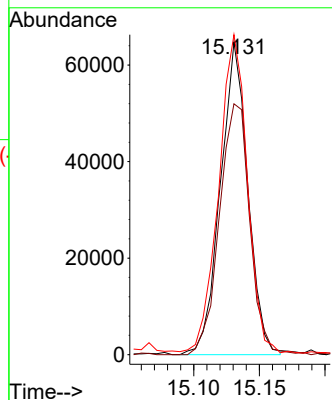
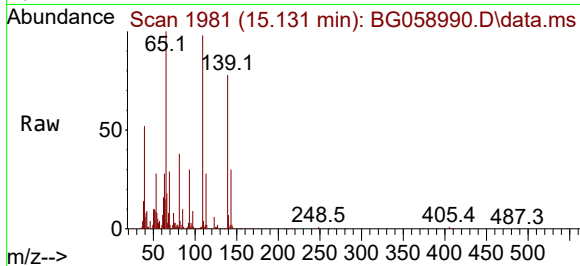




#55
4-Nitrophenol
Concen: 20.799 ng/ul
RT: 15.131 min Scan# 1981
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

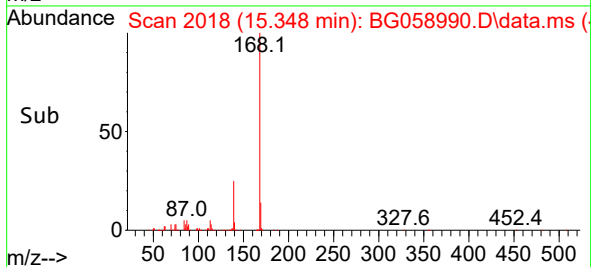
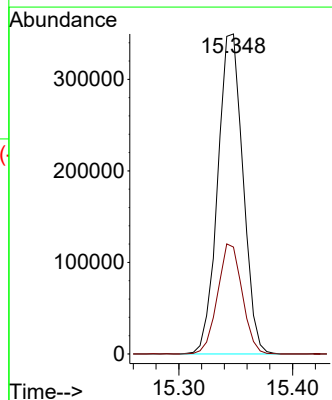
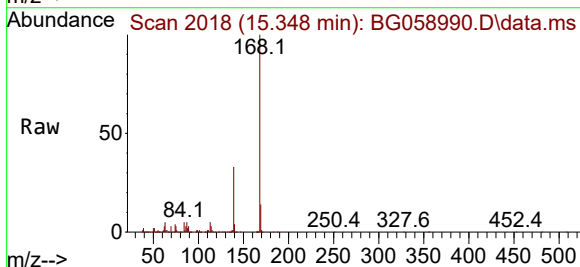
Instrument :
BNA_G
ClientSampleId :
SSTD020553

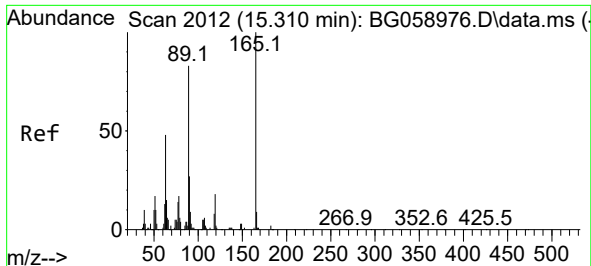
Tgt Ion:109 Resp: 93896
Ion Ratio Lower Upper
109 100
139 80.3 74.3 111.5
65 102.4 93.4 140.0



#56
Dibenzofuran
Concen: 19.833 ng/ul
RT: 15.348 min Scan# 2018
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:168 Resp: 539092
Ion Ratio Lower Upper
168 100
139 33.4 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 23.549 ng/ul

RT: 15.307 min Scan# 2012

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

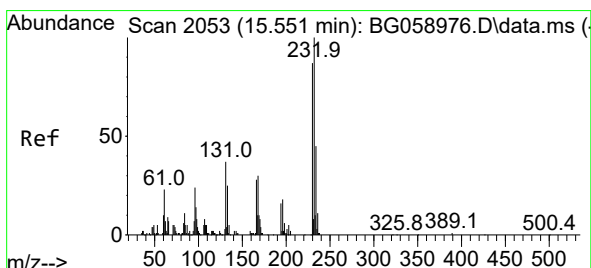
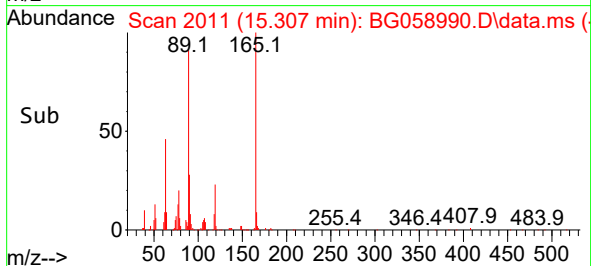
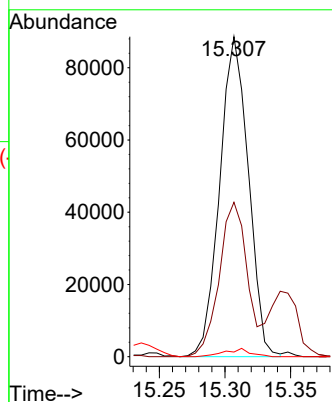
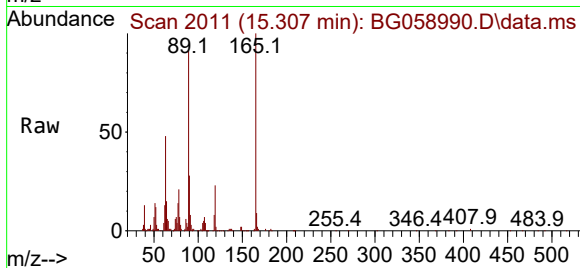
Tgt Ion:165 Resp: 134622

Ion Ratio Lower Upper

165 100

63 48.3 33.3 49.9

182 1.5 1.4 2.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.171 ng/ul

RT: 15.548 min Scan# 2052

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Tgt Ion:232 Resp: 128358

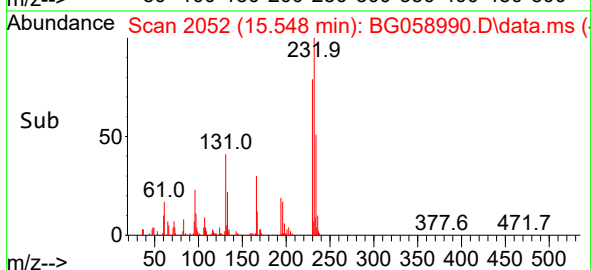
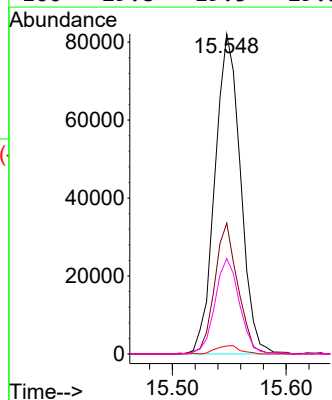
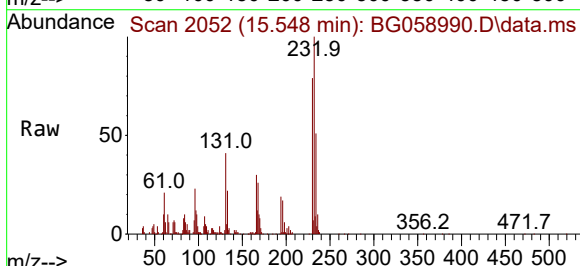
Ion Ratio Lower Upper

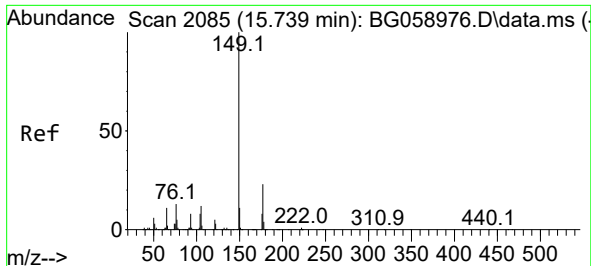
232 100

131 40.8 27.1 40.7#

130 2.5 0.7 1.1#

166 29.8 19.5 29.3#

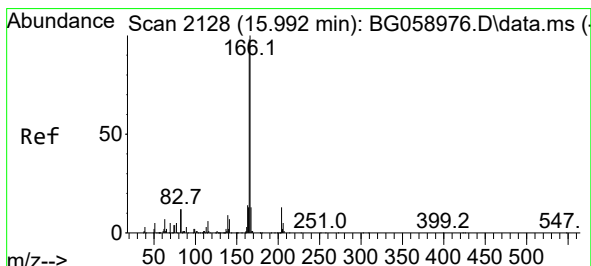
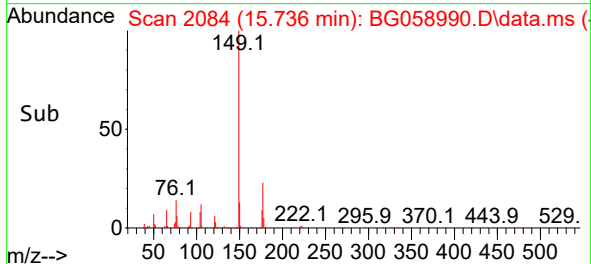
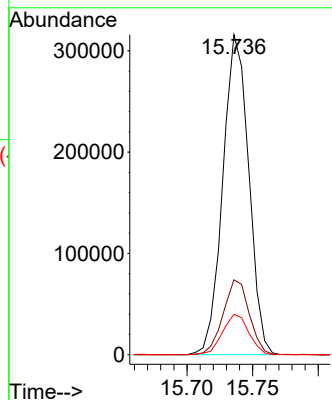
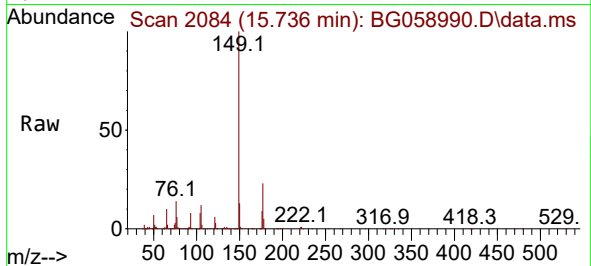




#59
Diethylphthalate
Concen: 20.196 ng/ul
RT: 15.736 min Scan# 2085
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

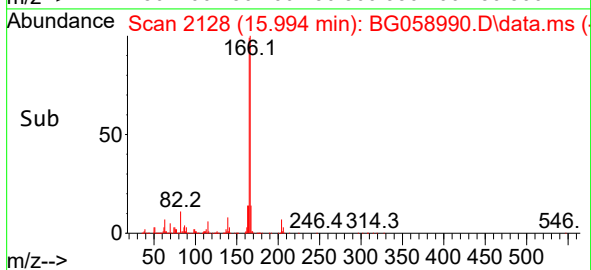
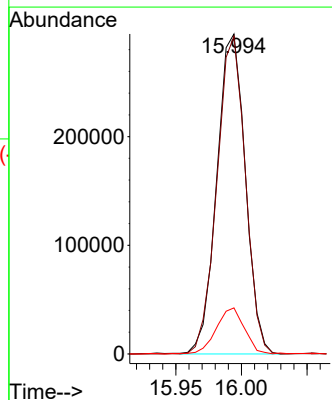
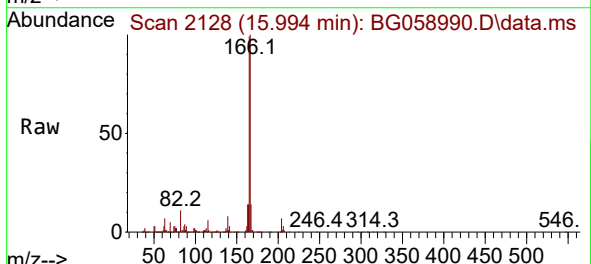
Instrument :
BNA_G
ClientSampleId :
SSTD020553

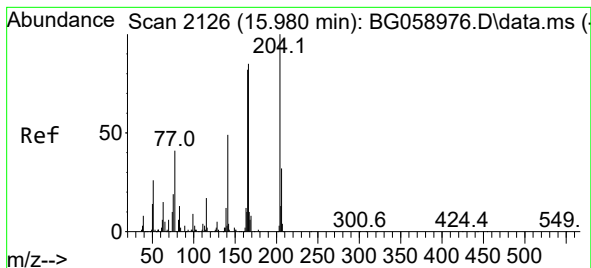
Tgt Ion:149 Resp: 433645
Ion Ratio Lower Upper
149 100
177 23.4 16.9 25.3
150 12.6 9.7 14.5



#61
Fluorene
Concen: 19.922 ng/ul
RT: 15.994 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:166 Resp: 445060
Ion Ratio Lower Upper
166 100
165 99.2 76.4 114.6
167 14.4 9.3 13.9#

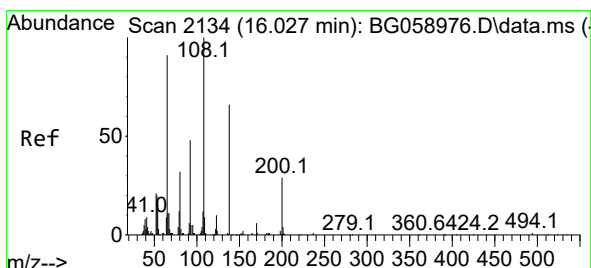
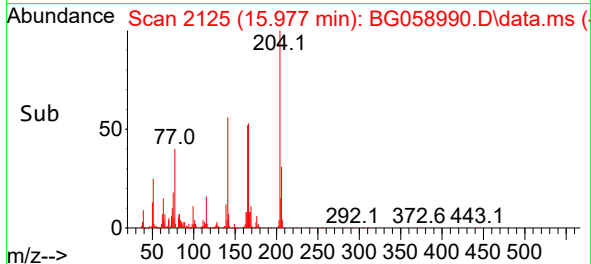
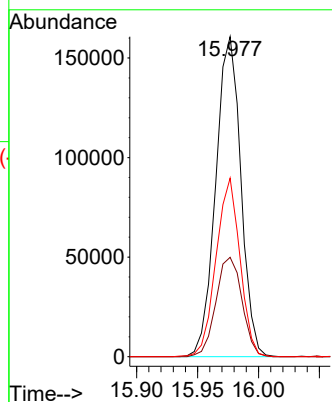
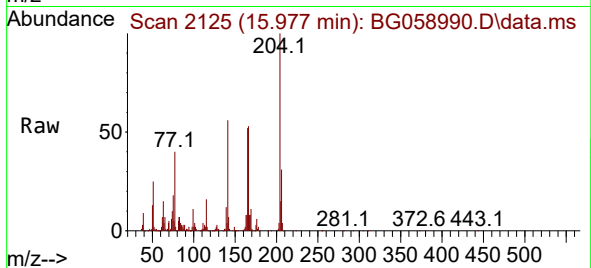




#62
4-Chlorophenyl-phenylether
Concen: 19.505 ng/ul
RT: 15.977 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

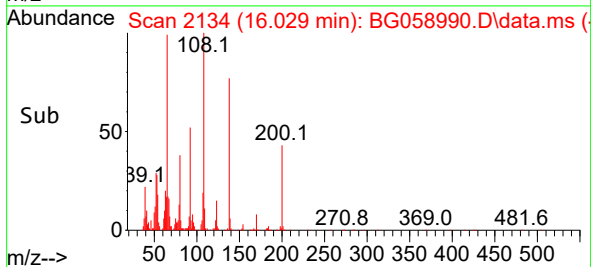
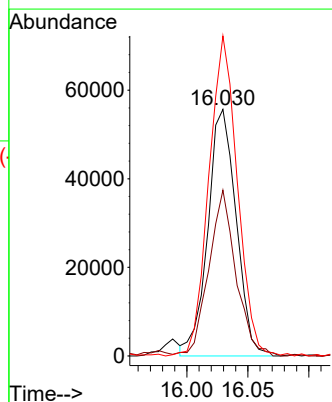
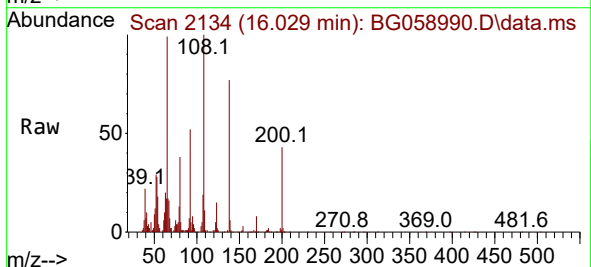
Instrument :
BNA_G
ClientSampleId :
SSTD020553

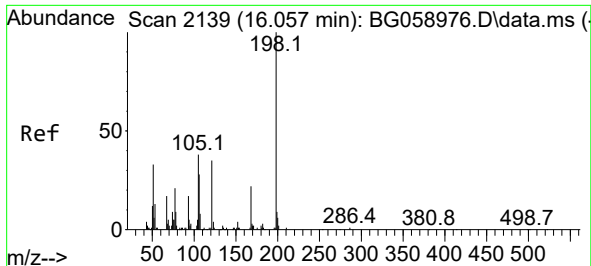
Tgt Ion:204 Resp: 230570
Ion Ratio Lower Upper
204 100
206 31.0 27.7 41.5
141 55.8 43.2 64.8



#63
4-Nitroaniline
Concen: 23.925 ng/ul
RT: 16.029 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:138 Resp: 90148
Ion Ratio Lower Upper
138 100
92 67.2 49.9 74.9
108 129.8 121.4 182.2

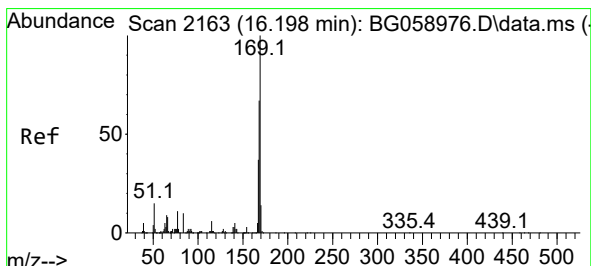
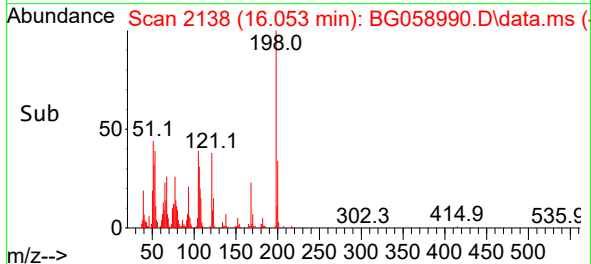
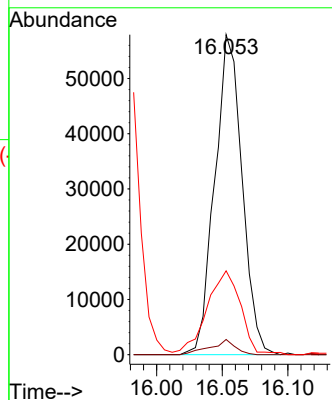
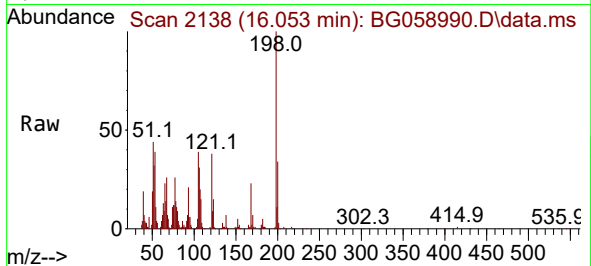




#66
4,6-Dinitro-2-methylphenol
Concen: 19.596 ng/ul
RT: 16.053 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

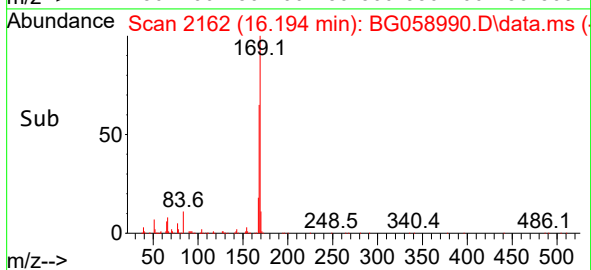
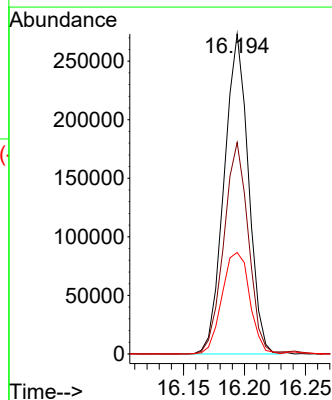
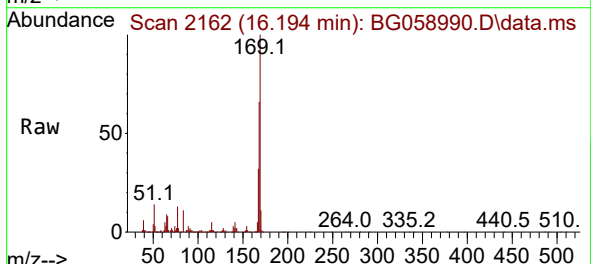
Instrument :
BNA_G
ClientSampleId :
SSTD020553

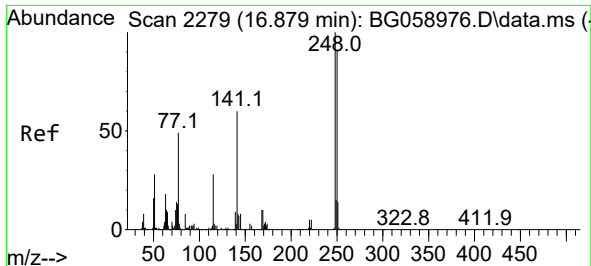
Tgt Ion:198 Resp: 83736
Ion Ratio Lower Upper
198 100
182 4.7 3.0 4.6#
77 26.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 17.989 ng/ul
RT: 16.194 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:169 Resp: 378201
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 31.7 29.8 44.6

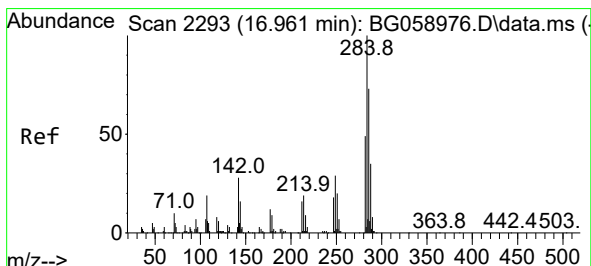
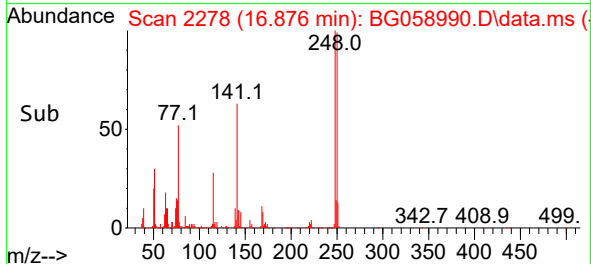
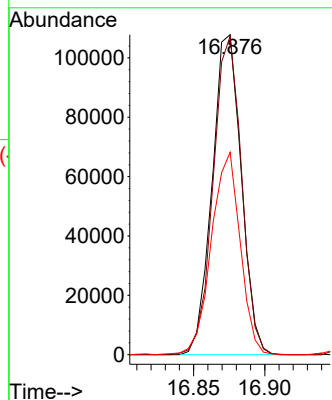
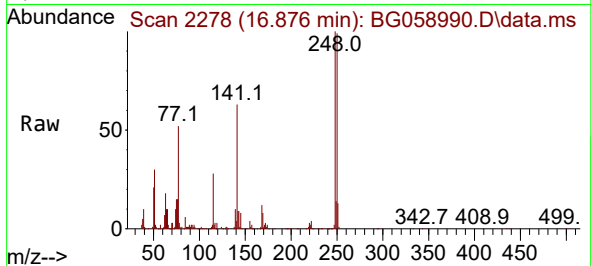




#68
4-Bromophenyl-phenylether
Concen: 17.545 ng/ul
RT: 16.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

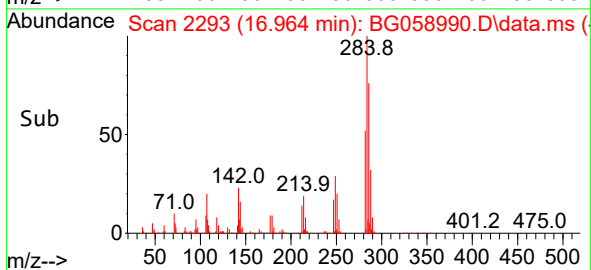
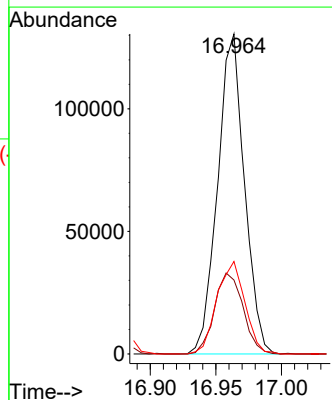
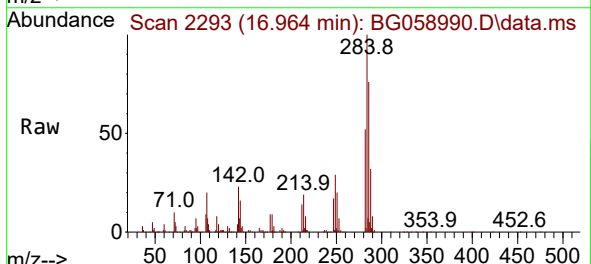
Instrument :
BNA_G
ClientSampleId :
SSTD020553

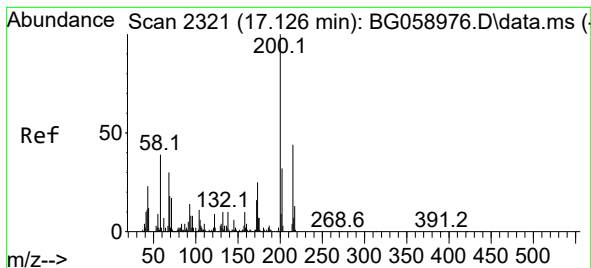
Tgt Ion:248 Resp: 153520
Ion Ratio Lower Upper
248 100
250 99.5 73.9 110.9
141 63.2 45.4 68.0



#69
Hexachlorobenzene
Concen: 18.479 ng/ul
RT: 16.964 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG058990.D
Acq: 11 Sep 2023 20:16

Tgt Ion:284 Resp: 185619
Ion Ratio Lower Upper
284 100
142 23.1 24.6 37.0#
249 28.9 24.3 36.5





#70

Atrazine

Concen: 20.455 ng/ul

RT: 17.128 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

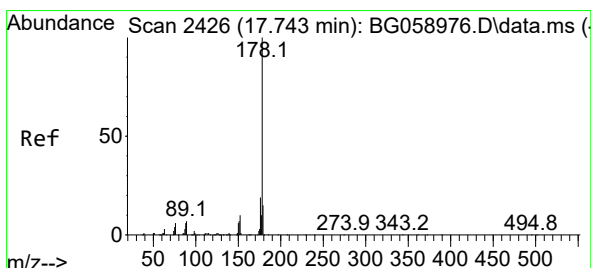
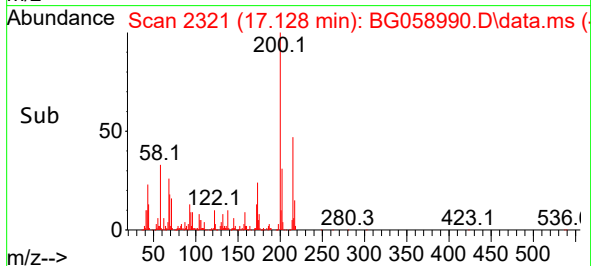
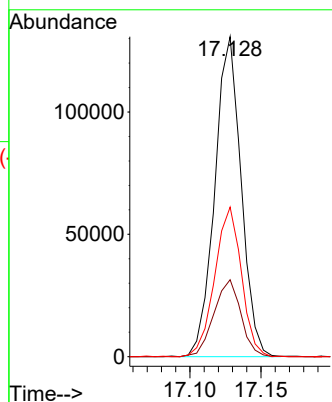
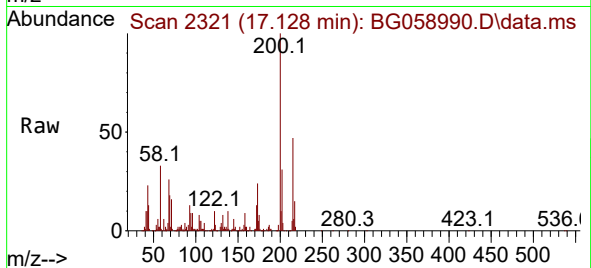
Tgt Ion:200 Resp: 168296

Ion Ratio Lower Upper

200 100

173 24.1 17.4 26.2

215 46.8 35.4 53.0



#72

Phenanthrene

Concen: 19.156 ng/ul

RT: 17.739 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

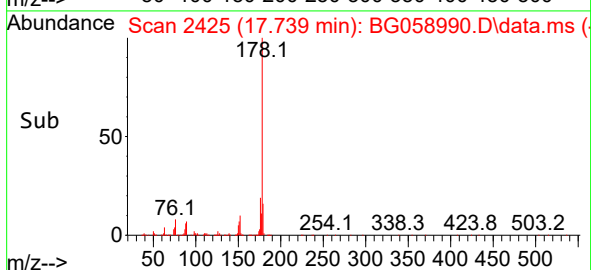
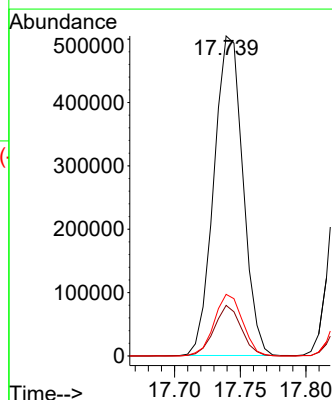
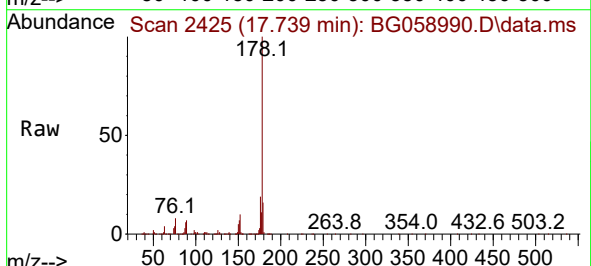
Tgt Ion:178 Resp: 775444

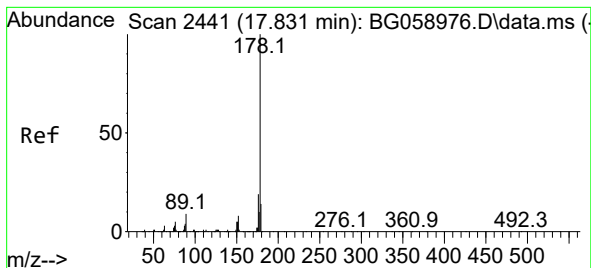
Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

176 19.2 15.1 22.7





#74

Anthracene

Concen: 19.443 ng/uI

RT: 17.833 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

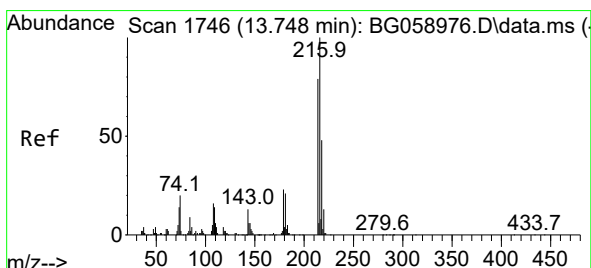
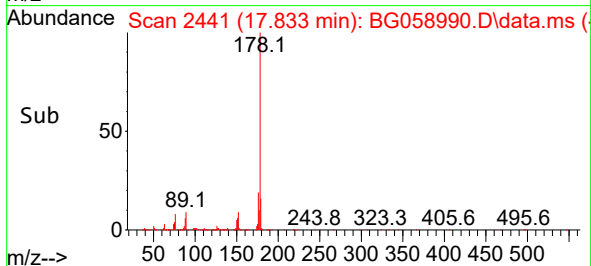
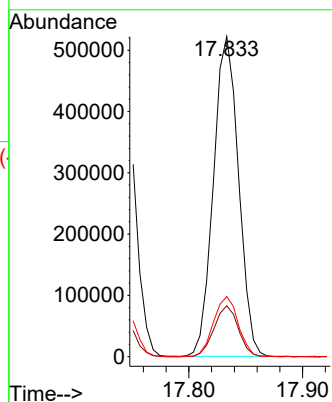
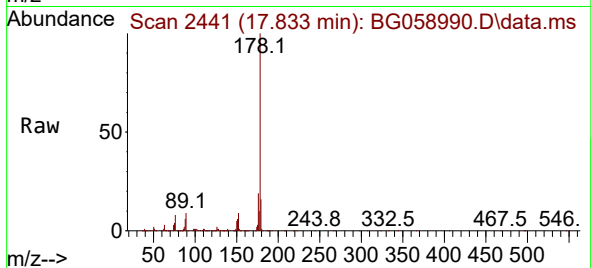
Tgt Ion:178 Resp: 799933

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 18.8 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 16.660 ng/uL

RT: 13.744 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

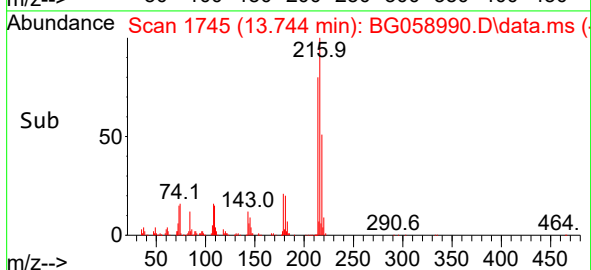
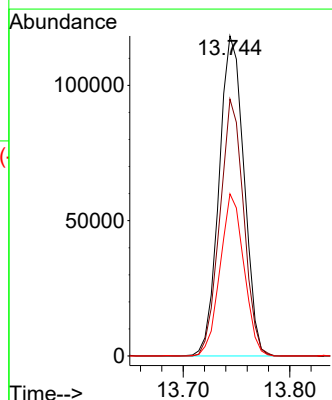
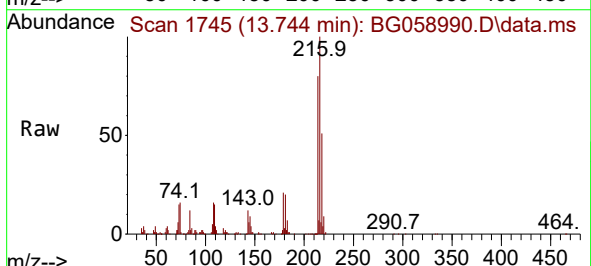
Tgt Ion:216 Resp: 191746

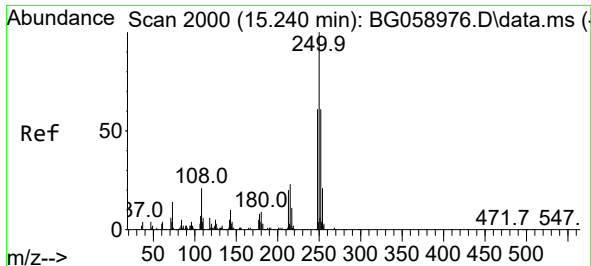
Ion Ratio Lower Upper

216 100

214 80.3 60.6 91.0

218 50.7 33.6 50.4#

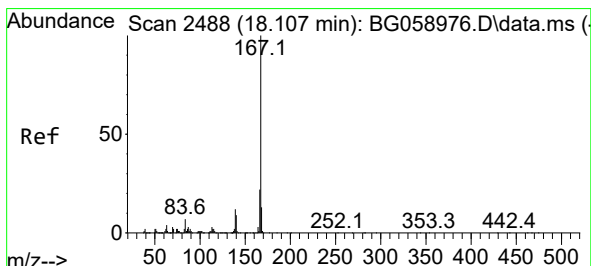
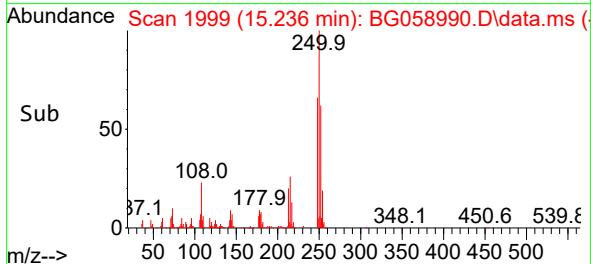
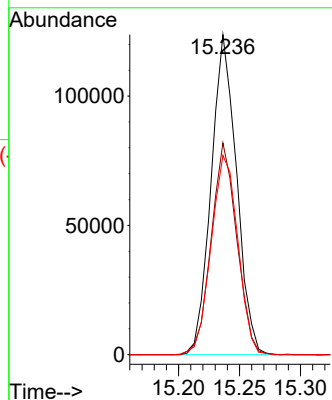
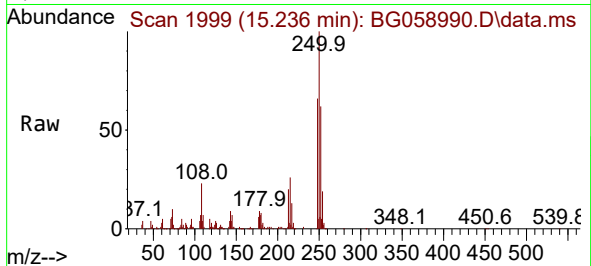




#76
 Pentachlorobenzene
 Concen: 16.141 ng/uL
 RT: 15.236 min Scan# 1999
 Delta R.T. -0.003 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

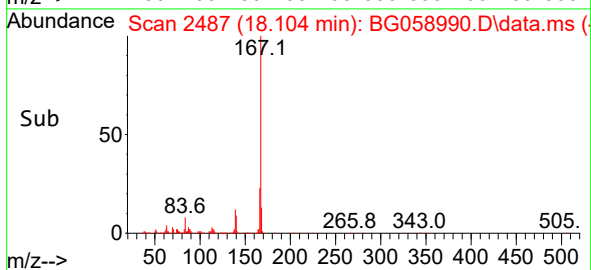
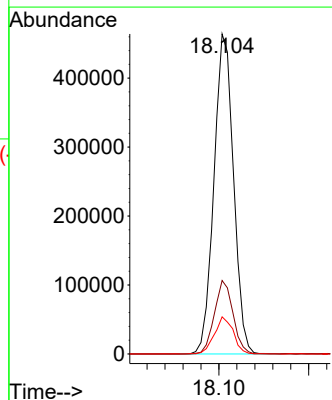
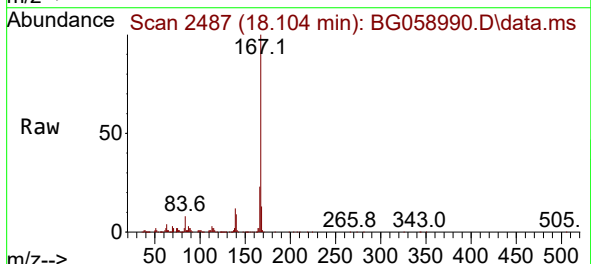
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

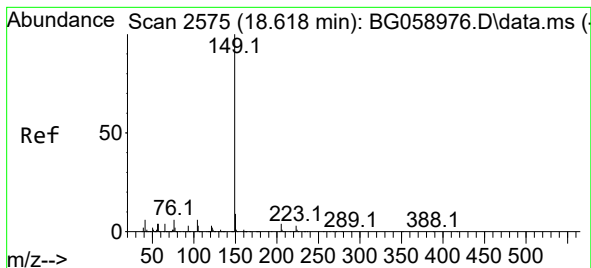
Tgt Ion:250 Resp: 179534
 Ion Ratio Lower Upper
 250 100
 248 66.2 50.3 75.5
 252 62.3 47.6 71.4



#77
 Carbazole
 Concen: 20.357 ng/uL
 RT: 18.104 min Scan# 2487
 Delta R.T. -0.003 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Tgt Ion:167 Resp: 701360
 Ion Ratio Lower Upper
 167 100
 166 23.0 16.8 25.2
 139 11.6 9.4 14.2





#78

Di-n-butylphthalate

Concen: 20.713 ng/ul

RT: 18.615 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

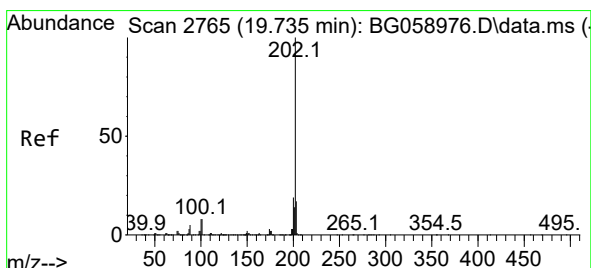
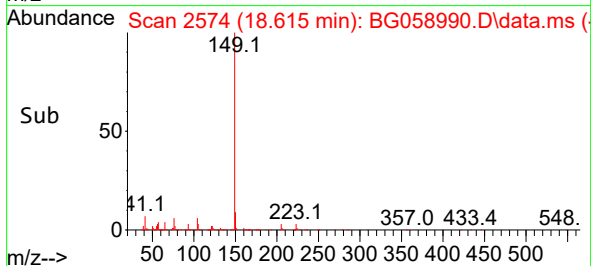
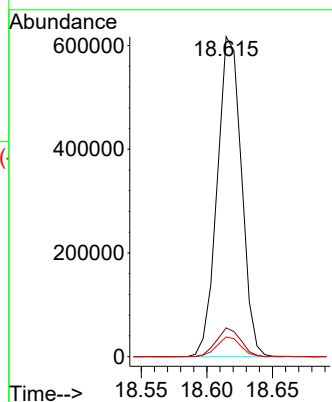
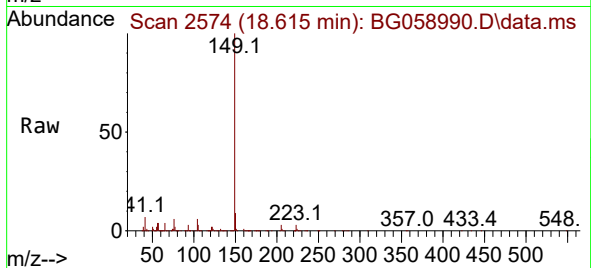
Tgt Ion:149 Resp: 791098

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 6.2 4.6 6.8



#80

Fluoranthene

Concen: 20.268 ng/ul

RT: 19.731 min Scan# 2764

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

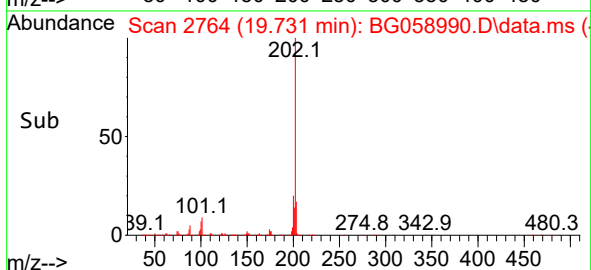
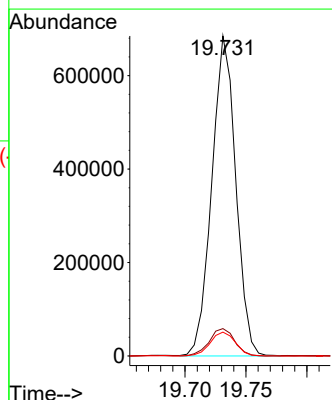
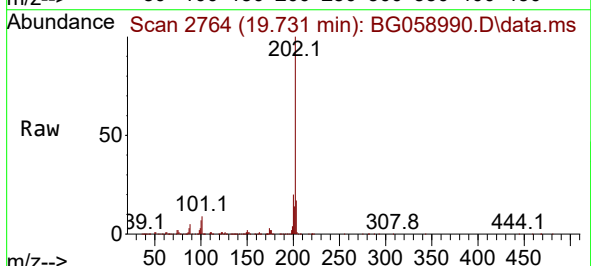
Tgt Ion:202 Resp: 938074

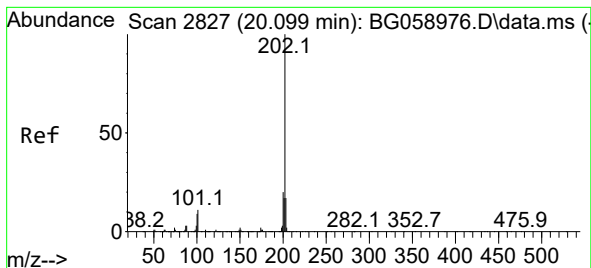
Ion Ratio Lower Upper

202 100

101 8.6 6.1 9.1

100 7.4 5.9 8.9





#82

Pyrene

Concen: 20.155 ng/ul

RT: 20.095 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

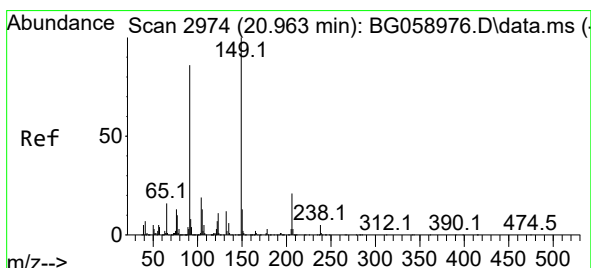
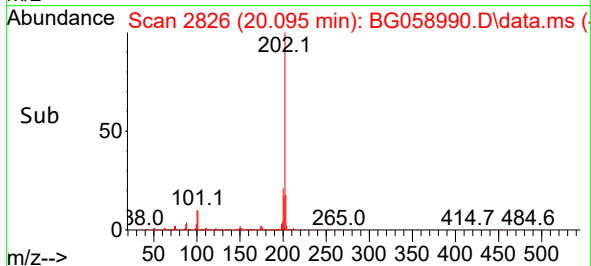
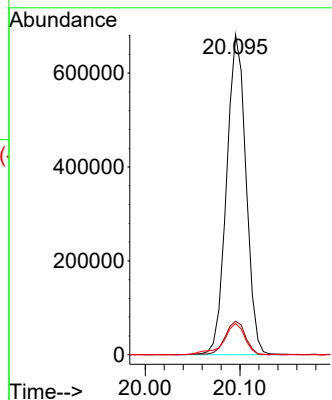
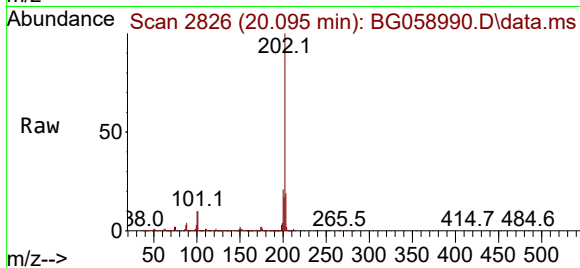
Tgt Ion:202 Resp: 969805

Ion Ratio Lower Upper

202 100

101 10.4 7.5 11.3

100 9.8 6.3 9.5#



#83

Butylbenzylphthalate

Concen: 21.711 ng/ul

RT: 20.959 min Scan# 2973

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

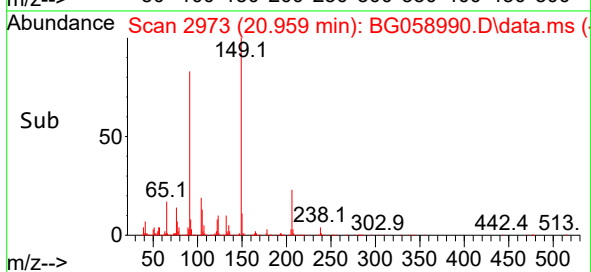
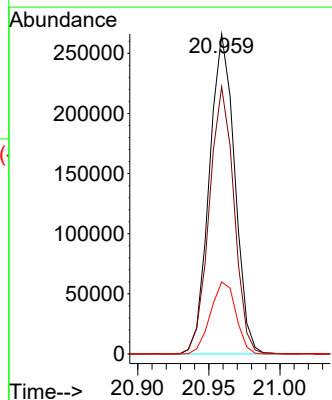
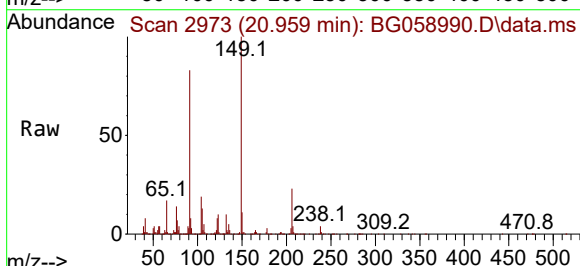
Tgt Ion:149 Resp: 330116

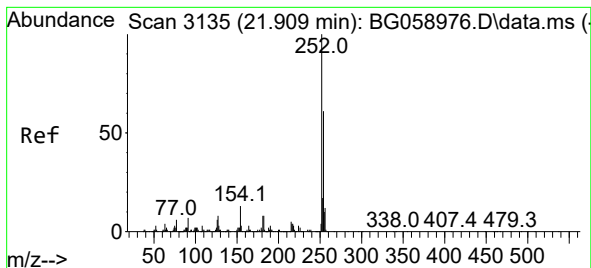
Ion Ratio Lower Upper

149 100

91 83.5 68.7 103.1

206 22.5 17.3 25.9





#84

3,3'-Dichlorobenzidine

Concen: 20.637 ng/ul

RT: 21.911 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

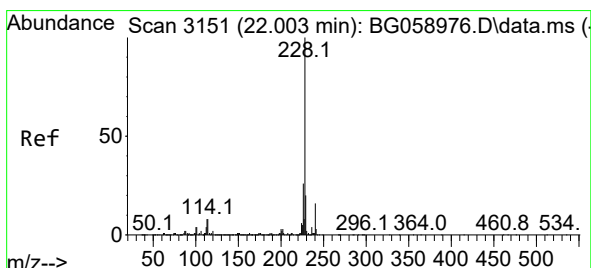
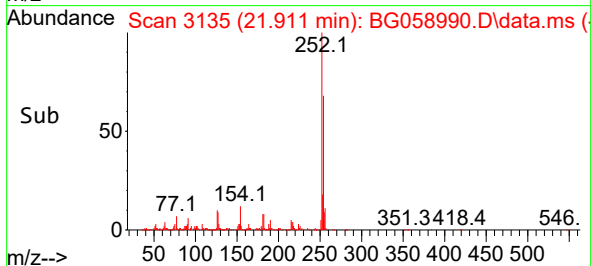
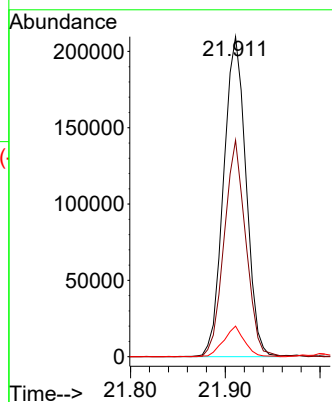
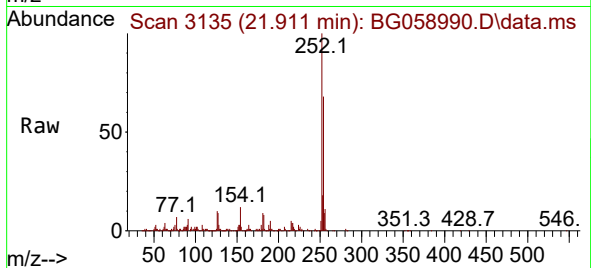
Tgt Ion:252 Resp: 344492

Ion Ratio Lower Upper

252 100

254 67.6 57.6 86.4

126 9.5 7.8 11.8



#85

Benzo(a)anthracene

Concen: 19.348 ng/ul

RT: 21.999 min Scan# 3150

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

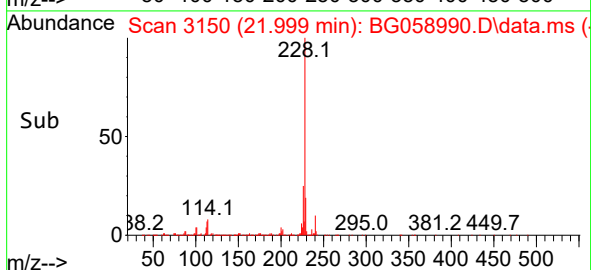
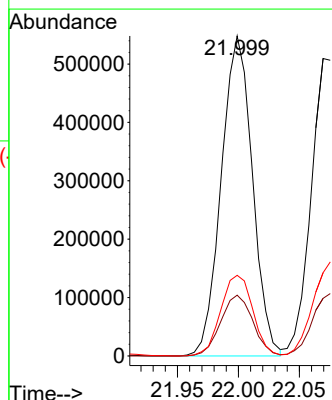
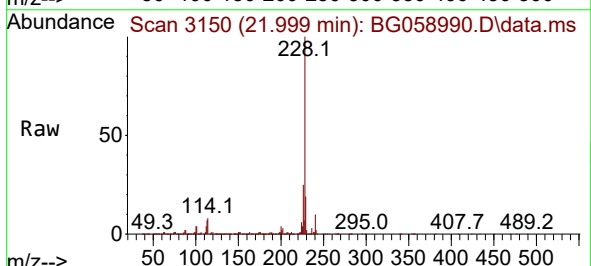
Tgt Ion:228 Resp: 976273

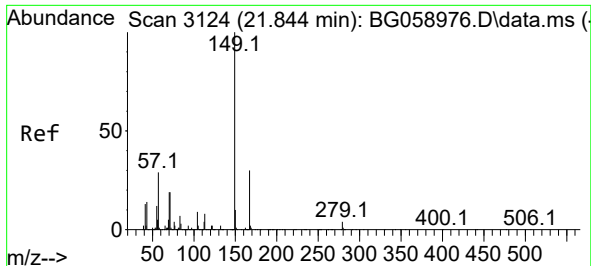
Ion Ratio Lower Upper

228 100

229 19.0 16.0 24.0

226 25.2 20.8 31.2

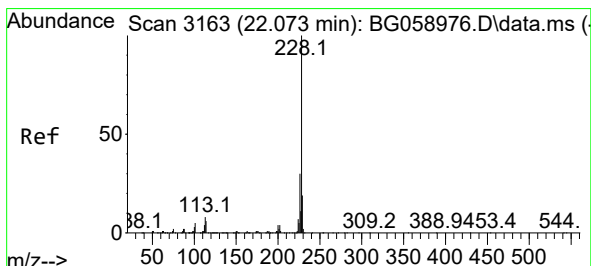
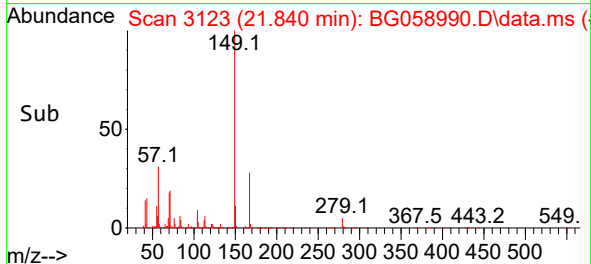
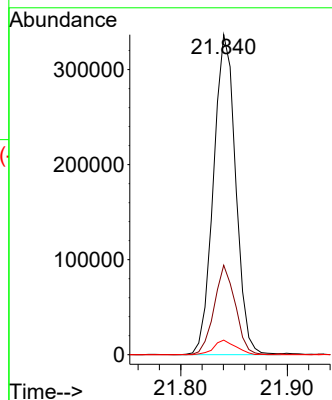
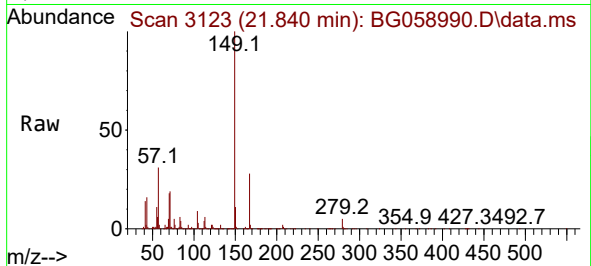




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.343 ng/ul
 RT: 21.840 min Scan# 3124
 Delta R.T. -0.009 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

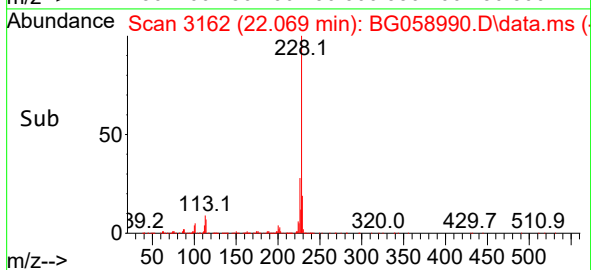
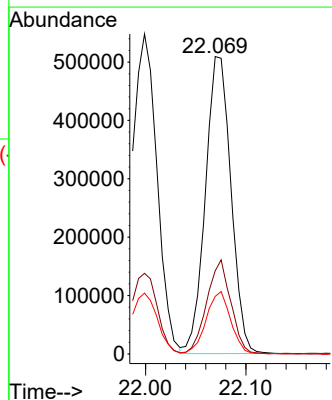
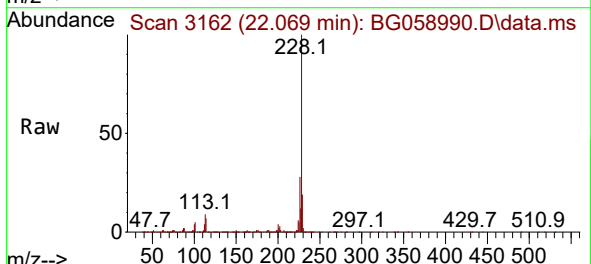
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

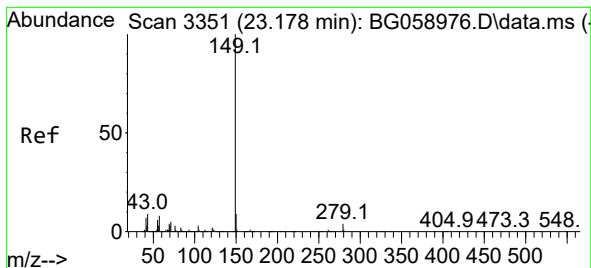
Tgt Ion:149 Resp: 486019
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.0 31.6
 279 4.6 3.8 5.8



#87
 Chrysene
 Concen: 19.229 ng/ul
 RT: 22.069 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Tgt Ion:228 Resp: 901969
 Ion Ratio Lower Upper
 228 100
 226 28.0 23.2 34.8
 229 19.4 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 21.041 ng/ul

RT: 23.180 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

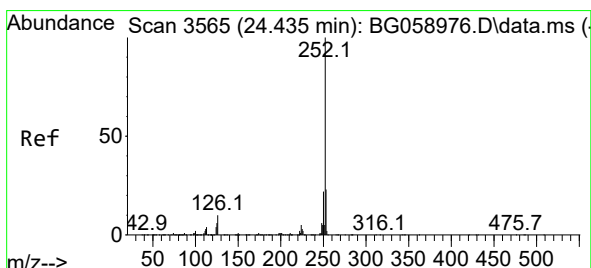
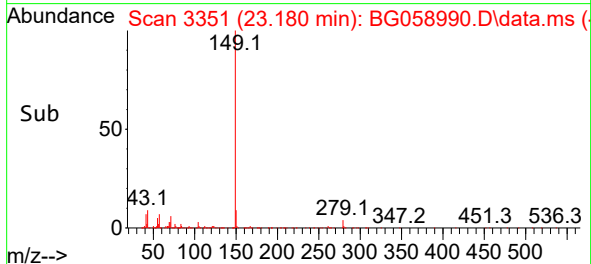
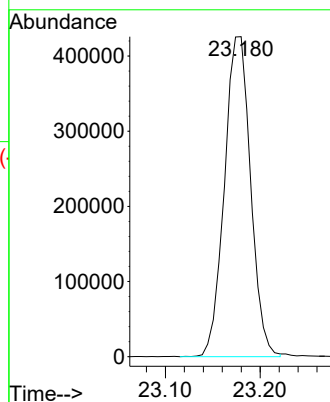
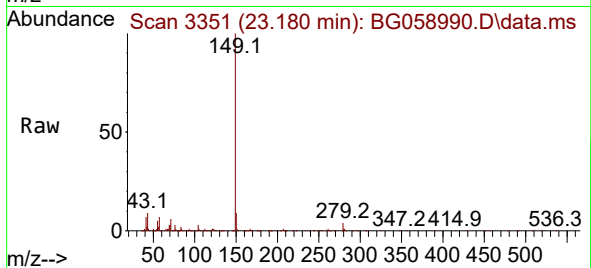
Instrument :

BNA_G

ClientSampleId :

SSTD020553

Tgt Ion:149 Resp: 817642



#90

Benzo(b)fluoranthene

Concen: 19.342 ng/ul

RT: 24.426 min Scan# 3563

Delta R.T. -0.009 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

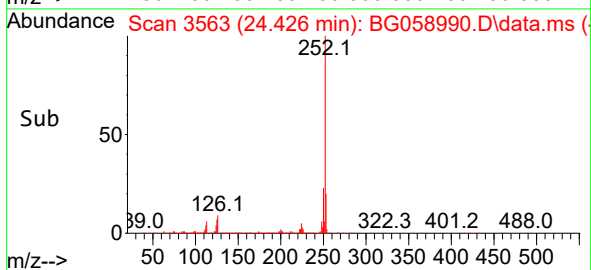
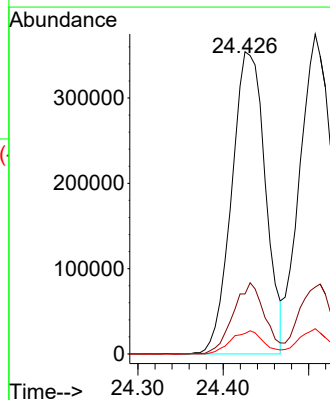
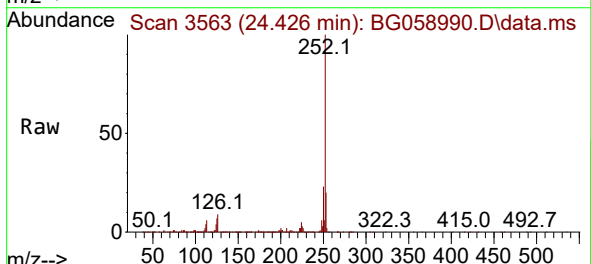
Tgt Ion:252 Resp: 973301

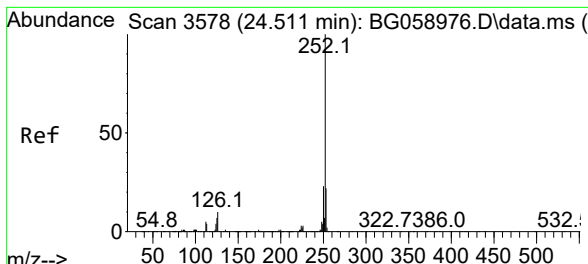
Ion Ratio Lower Upper

252 100

253 19.9 17.8 26.8

125 6.8 6.2 9.2



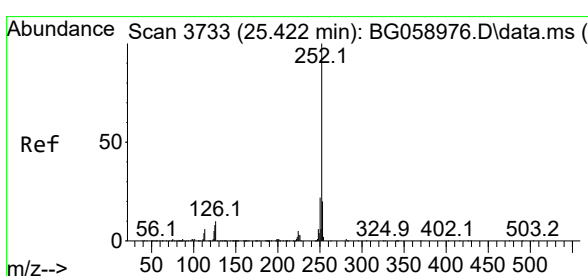
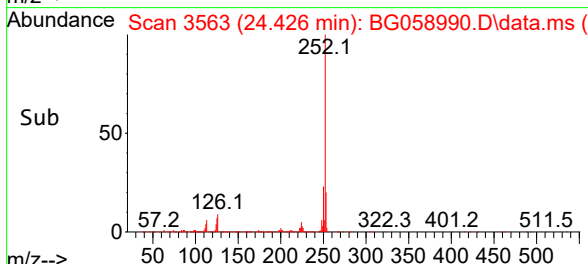
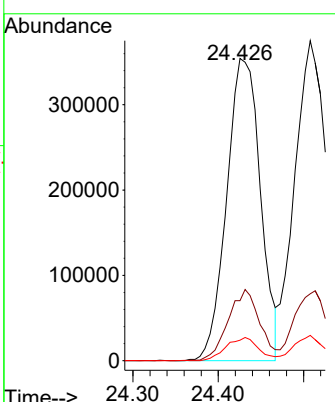
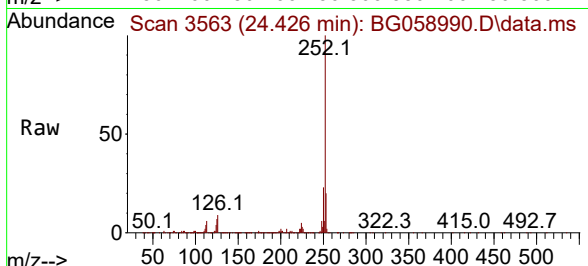


#91
 Benzo(k)fluoranthene
 Concen: 18.927 ng/ul
 RT: 24.426 min Scan# 3563
 Delta R.T. -0.085 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

Tgt Ion:252 Resp: 973301

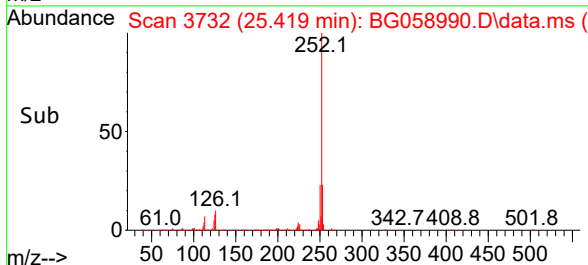
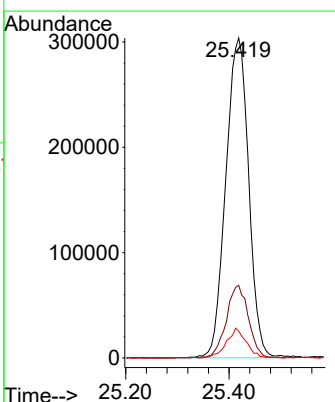
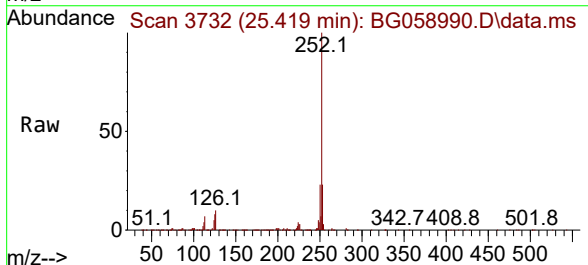
Ion	Ratio	Lower	Upper
252	100		
253	19.9	19.1	28.7
125	6.8	5.0	7.4

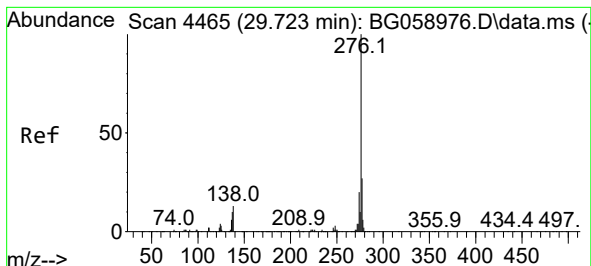


#93
 Benzo(a)pyrene
 Concen: 19.783 ng/ul
 RT: 25.419 min Scan# 3732
 Delta R.T. -0.009 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Tgt Ion:252 Resp: 928832

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.4	5.3	7.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.186 ng/ul

RT: 29.713 min Scan# 4463

Delta R.T. -0.003 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SSTD020553

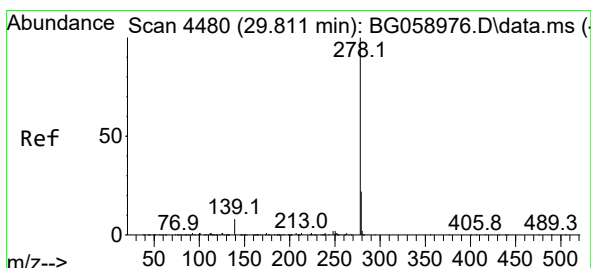
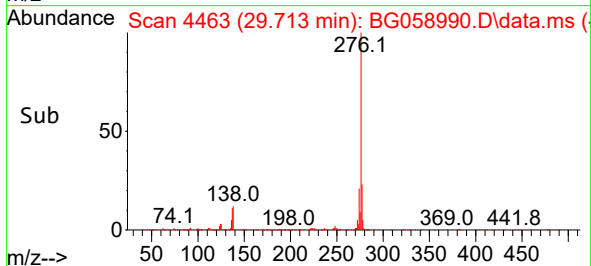
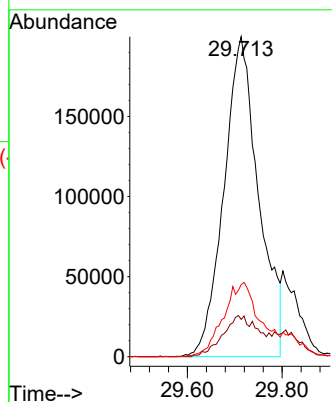
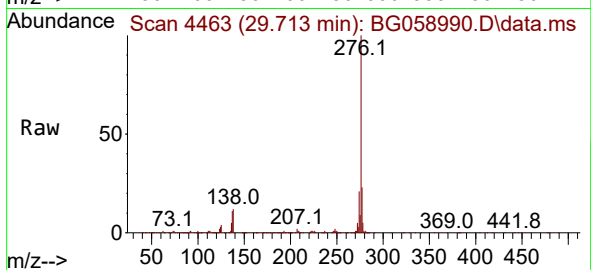
Tgt Ion:276 Resp: 1019524

Ion Ratio Lower Upper

276 100

138 11.7 11.8 17.8#

277 22.5 20.7 31.1



#95

Dibenzo(a,h)anthracene

Concen: 19.413 ng/ul

RT: 29.802 min Scan# 4478

Delta R.T. -0.009 min

Lab File: BG058990.D

Acq: 11 Sep 2023 20:16

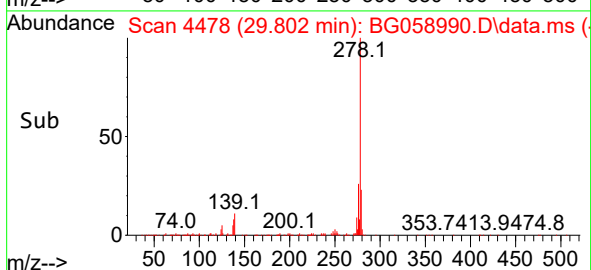
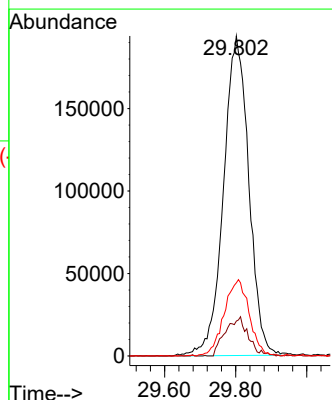
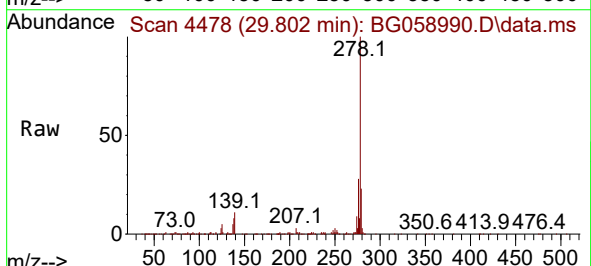
Tgt Ion:278 Resp: 954256

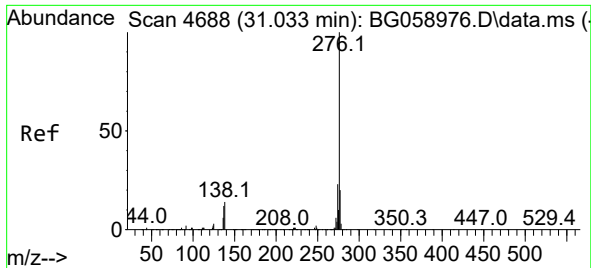
Ion Ratio Lower Upper

278 100

139 10.9 9.8 14.8

279 22.9 18.5 27.7





#96
 Benzo(g,h,i)perylene
 Concen: 19.576 ng/ul
 RT: 31.024 min Scan# 4
 Delta R.T. -0.015 min
 Lab File: BG058990.D
 Acq: 11 Sep 2023 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020553

Tgt Ion:276 Resp: 919194
 Ion Ratio Lower Upper
 276 100
 138 15.5 11.4 17.2
 277 25.2 17.4 26.2

