

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
 Data File : BG058286.D
 Acq On : 17 Jul 2023 17:16
 Operator : CG/JU
 Sample : SST04095
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST040445

Quant Time: Jul 18 01:31:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 01:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	45521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	208979	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	151087	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	364366	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	298435	20.000	ng/ul	0.00
88) Perylene-d12	24.669	264	355802	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	18642	14.340	ng/uL	0.00
4) Pyridine-d5	3.752	84	149717	37.936	ng/ul	0.00
7) Phenol-d5	7.066	99	181416	39.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	112611	40.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	127733	39.838	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	137340	39.153	ng/ul	0.00
21) Nitrobenzene-d5	9.064	128	67024	39.350	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	74619	41.684	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	140238	40.837	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	194875	37.429	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	467354	39.204	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	507662	39.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	76830	36.479	ng/ul	0.00
60) Fluorene-d10	15.527	176	394094	38.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	81229	41.056	ng/ul	0.00
73) Anthracene-d10	17.383	188	647871	38.319	ng/ul	0.00
81) Pyrene-d10	19.669	212	726579	38.657	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	731547	40.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	21650	13.481	ng/uL	96
5) Pyridine	3.770	79	159448	39.431	ng/ul	99
6) Benzaldehyde	7.037	77	101094	65.116	ng/ul	99
8) Phenol	7.090	94	188036	39.859	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.319	93	144185	39.584	ng/ul	97
12) 2-Chlorophenol	7.466	128	129406	38.785	ng/ul	99
13) 2-Methylphenol	8.341	108	145427	39.252	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.423	45	231935	41.365	ng/ul	99
16) Acetophenone	8.723	105	233964	40.201	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.711	70	123892	39.821	ng/ul	95
18) 4-Methylphenol	8.670	108	158655	39.603	ng/ul	98
19) Hexachloroethane	8.981	117	50102	39.170	ng/ul	98
22) Nitrobenzene	9.105	77	175445	39.678	ng/ul	100
23) Isophorone	9.628	82	382386	40.529	ng/ul	98
25) 2-Nitrophenol	9.816	139	79669	41.476	ng/ul	92
26) 2,4-Dimethylphenol	9.874	107	172272	39.883	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.109	93	205149	38.586	ng/ul	98
29) 2,4-Dichlorophenol	10.350	162	131584	39.410	ng/ul	98
30) Naphthalene	10.750	128	455334	38.771	ng/ul	99
32) 4-Chloroaniline	10.862	127	201432	37.837	ng/ul	99
33) Hexachlorobutadiene	11.032	225	92045	38.939	ng/ul	96
34) Caprolactam	11.631	113	26753	19.930	ng/ul	92
35) 4-Chloro-3-methylphenol	11.990	107	167776	40.906	ng/ul	97
36) 2-Methylnaphthalene	12.360	142	309305	39.070	ng/ul	100

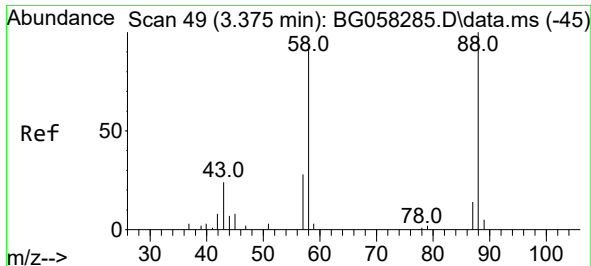
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	312032	39.304	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.730	216	180446	39.191	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	101276	34.921	ng/ul	99
41) 2,4,6-Trichlorophenol	12.971	196	127972	41.009	ng/ul	98
42) 2,4,5-Trichlorophenol	13.047	196	134314	39.798	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	416985	38.298	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	336377	38.494	ng/ul	99
45) 2-Nitroaniline	13.617	65	125919	41.446	ng/ul	97
47) Dimethylphthalate	13.987	163	466482	38.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.117	165	100183	40.752	ng/ul	96
50) Acenaphthylene	14.263	152	542333	38.607	ng/ul	100
51) 3-Nitroaniline	14.446	138	89981	43.312	ng/ul	92
52) Acenaphthene	14.604	153	373128	38.708	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	52301	40.808	ng/ul	95
55) 4-Nitrophenol	14.763	109	60251	38.617	ng/ul	93
56) Dibenzofuran	14.939	168	531052	38.756	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	141029	40.490	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.162	232	125565	40.870	ng/ul#	96
59) Diethylphthalate	15.350	149	483472	38.677	ng/ul	99
61) Fluorene	15.585	166	429861	38.234	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	232486	39.080	ng/ul	99
63) 4-Nitroaniline	15.609	138	85925	46.169	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.668	198	83066	41.054	ng/ul	98
67) N-Nitrosodiphenylamine	15.791	169	374050	38.574	ng/ul	99
68) 4-Bromophenyl-phenylether	16.473	248	163679	40.924	ng/ul	97
69) Hexachlorobenzene	16.590	284	180427	40.292	ng/ul	99
70) Atrazine	16.737	200	154512	38.965	ng/ul	96
71) Pentachlorophenol	16.931	266	106041	39.445	ng/ul	95
72) Phenanthrene	17.325	178	709491	38.280	ng/ul	98
74) Anthracene	17.419	178	712423	37.984	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	192982	39.936	ng/uL	97
76) Pentachlorobenzene	14.857	250	209695	40.631	ng/uL	96
77) Carbazole	17.689	167	649022	38.262	ng/ul	98
78) Di-n-butylphthalate	18.241	149	784855	36.323	ng/ul	99
80) Fluoranthene	19.340	202	839393	38.541	ng/ul	99
82) Pyrene	19.698	202	837841	38.217	ng/ul	100
83) Butylbenzylphthalate	20.580	149	343645	38.656	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.432	252	305647	42.305	ng/ul	98
85) Benzo(a)anthracene	21.514	228	828308	38.655	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	485456	38.106	ng/ul	99
87) Chrysene	21.578	228	784365	39.048	ng/ul	97
89) Di-n-octyl phthalate	22.589	149	842596	38.543	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	878247	39.865	ng/ul	99
91) Benzo(k)fluoranthene	23.741	252	871452	40.357	ng/ul	98
93) Benzo(a)pyrene	24.528	252	771631	39.573	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	1028481	39.720	ng/ul	99
95) Dibenzo(a,h)anthracene	28.306	278	851000	39.856	ng/ul	98
96) Benzo(g,h,i)perylene	29.363	276	844651	39.938	ng/ul	98

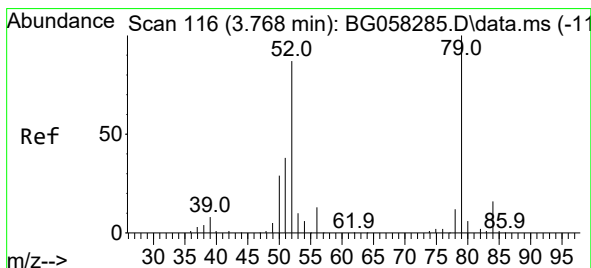
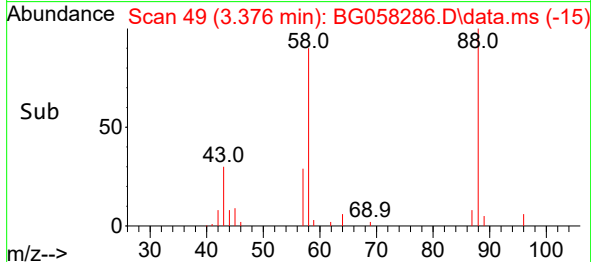
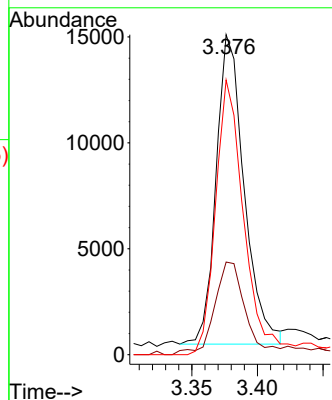
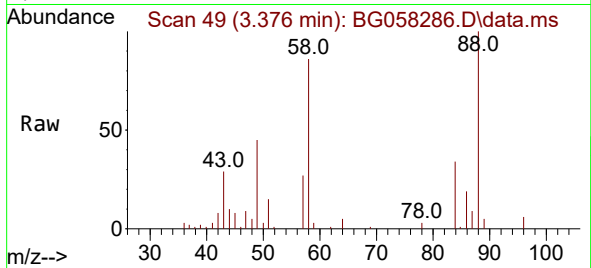
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#2
1,4-Dioxane
Concen: 13.481 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.002 min
Lab File: BG058286.D
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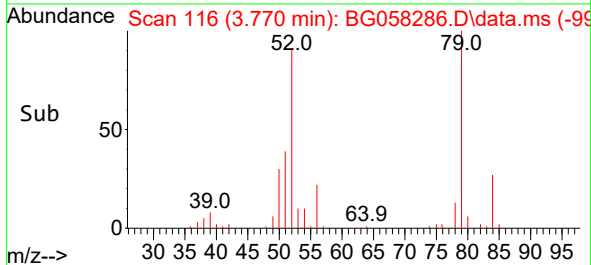
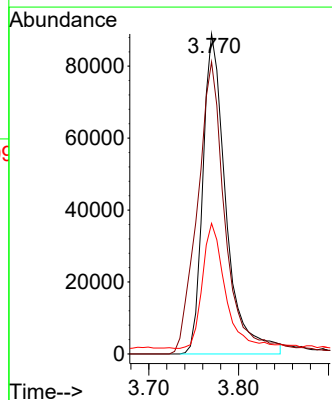
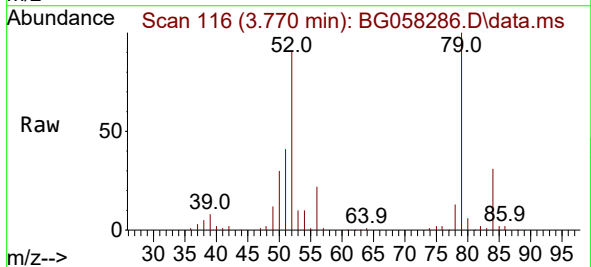
Instrument :
BNA_G
ClientSampleId :
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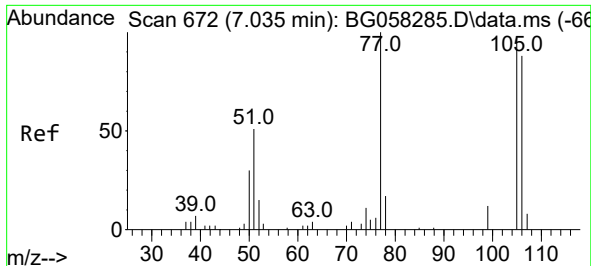
Tgt Ion: 88 Resp: 21650
Ion Ratio Lower Upper
88 100
43 28.9 19.6 29.4
58 85.9 70.2 105.4



#5
Pyridine
Concen: 39.431 ng/uL
RT: 3.770 min Scan# 116
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion: 79 Resp: 159448
Ion Ratio Lower Upper
79 100
52 91.2 72.3 108.5
51 40.8 33.4 50.0

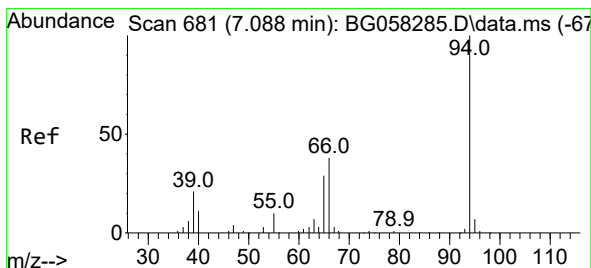
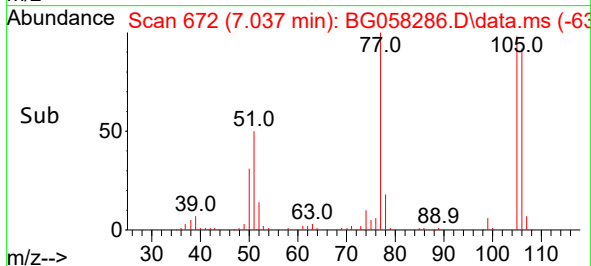
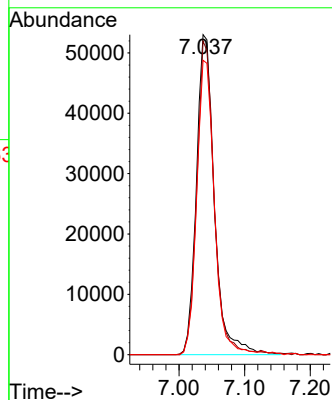
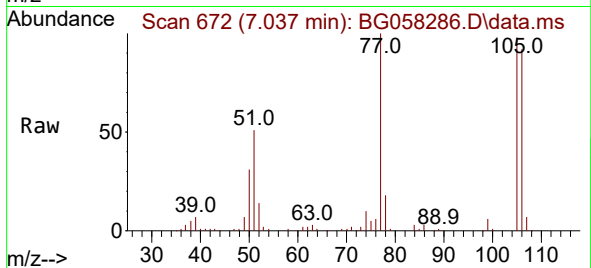




#6
Benzaldehyde
Concen: 65.116 ng/ul
RT: 7.037 min Scan# 672
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

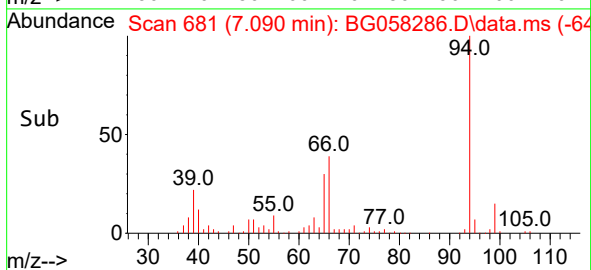
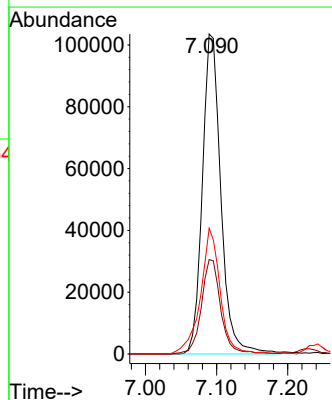
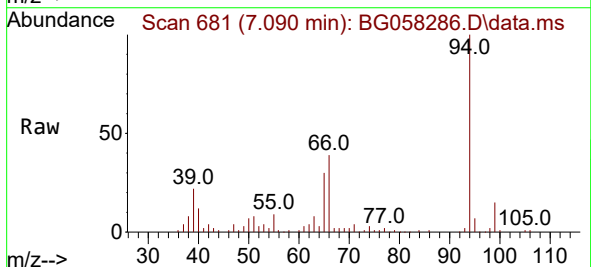
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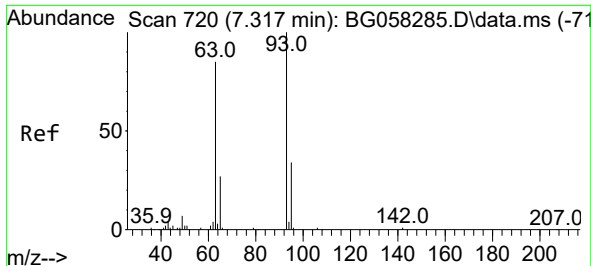
Tgt Ion: 77 Resp: 101094
Ion Ratio Lower Upper
77 100
105 98.0 78.2 117.4
106 92.0 71.6 107.4



#8
Phenol
Concen: 39.859 ng/ul
RT: 7.090 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion: 94 Resp: 188036
Ion Ratio Lower Upper
94 100
65 29.5 23.8 35.8
66 39.2 31.2 46.8

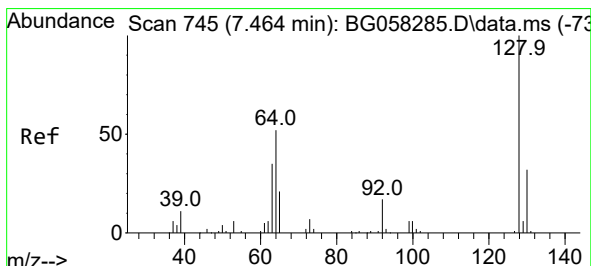
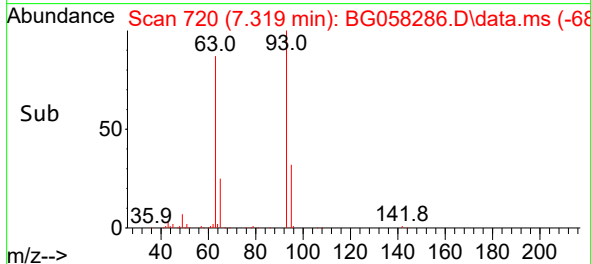
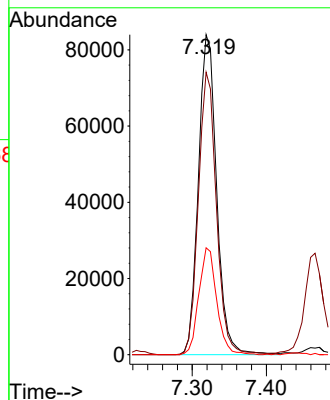
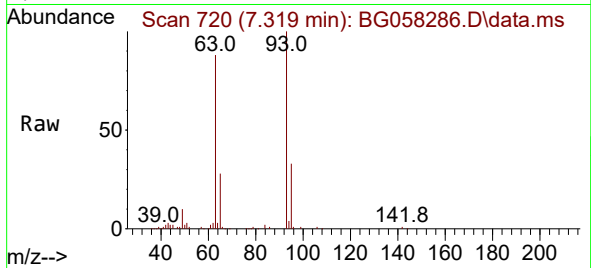




#10
Bis(2-Chloroethyl)ether
Concen: 39.584 ng/ul
RT: 7.319 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

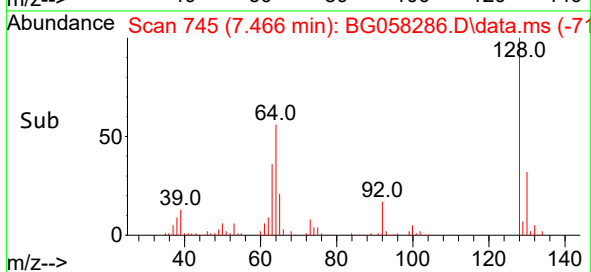
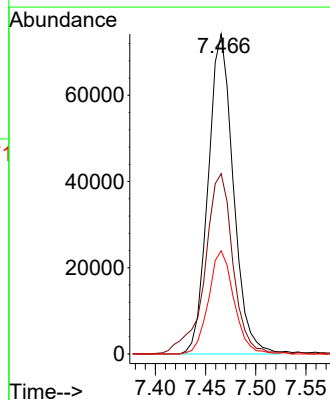
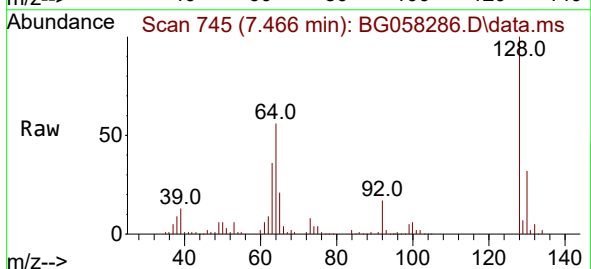
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ClientSampleId :
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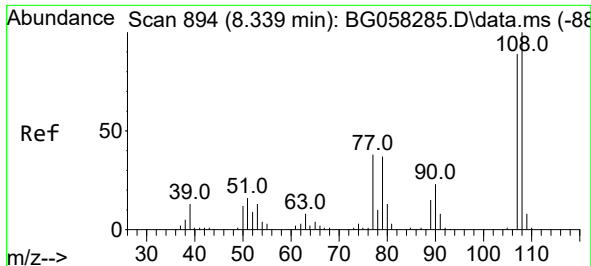
Tgt Ion: 93 Resp: 144185
Ion Ratio Lower Upper
93 100
63 88.2 67.7 101.5
95 33.4 27.0 40.6



#12
2-Chlorophenol
Concen: 38.785 ng/ul
RT: 7.466 min Scan# 745
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:128 Resp: 129406
Ion Ratio Lower Upper
128 100
64 56.3 45.6 68.4
130 32.2 25.2 37.8





#13

2-Methylphenol

Concen: 39.252 ng/ul

RT: 8.341 min Scan# 894

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

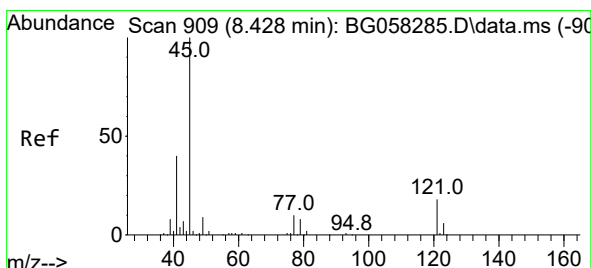
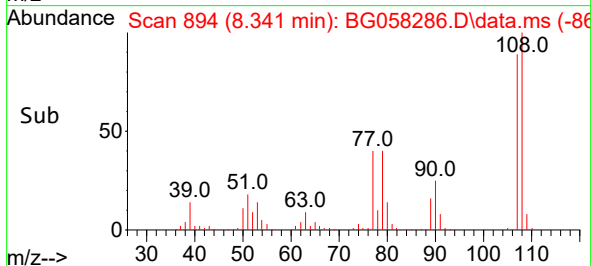
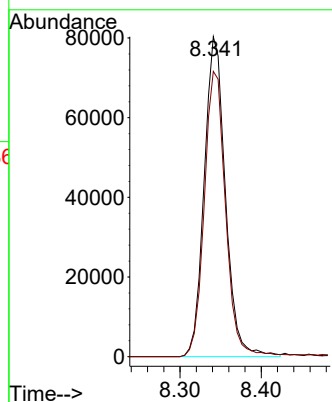
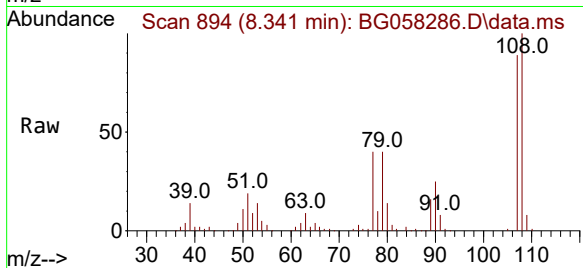
SSTD040445

Tgt Ion:108 Resp: 145427

Ion Ratio Lower Upper

108 100

107 89.1 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.365 ng/ul

RT: 8.423 min Scan# 908

Delta R.T. -0.004 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

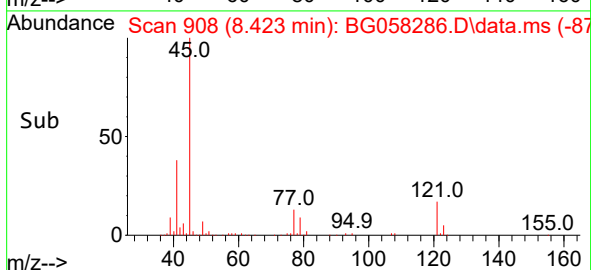
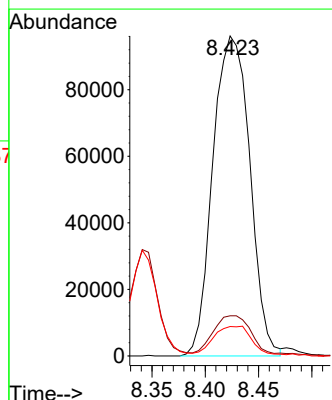
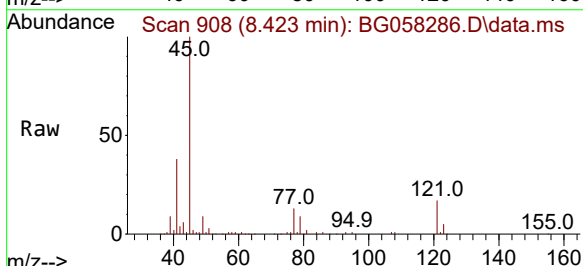
Tgt Ion: 45 Resp: 231935

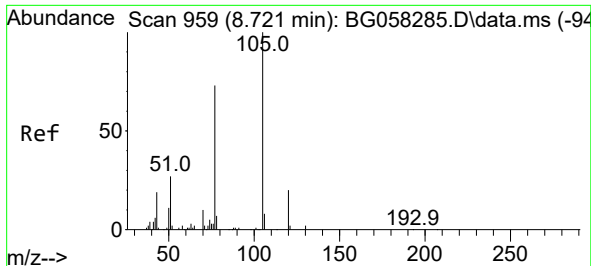
Ion Ratio Lower Upper

45 100

77 12.6 9.4 14.2

79 9.2 7.4 11.2

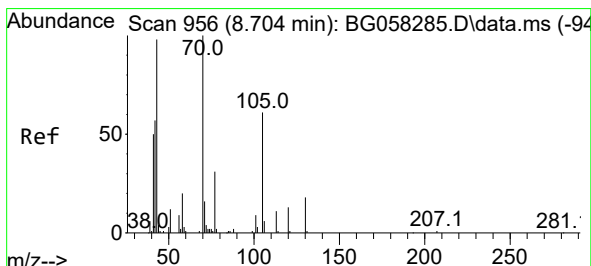
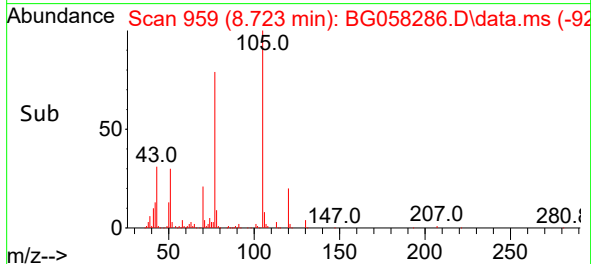
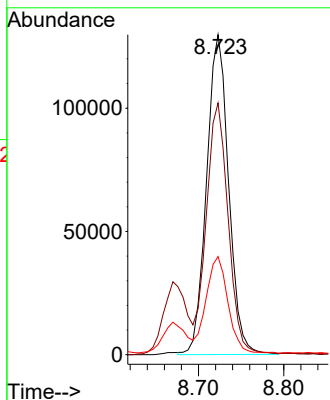
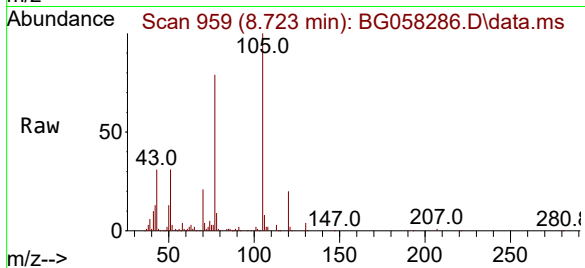




#16
Acetophenone
Concen: 40.201 ng/ul
RT: 8.723 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

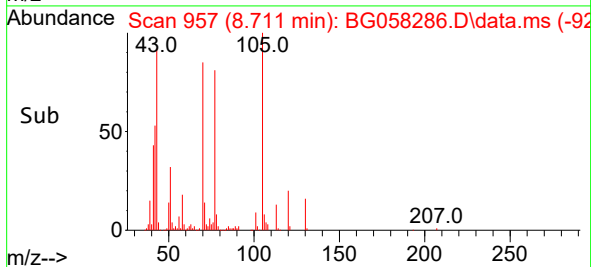
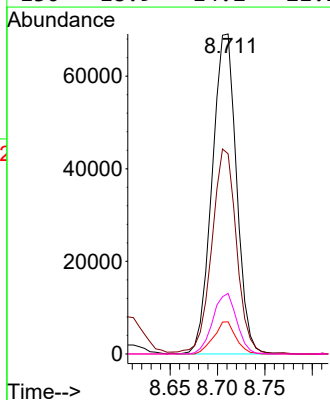
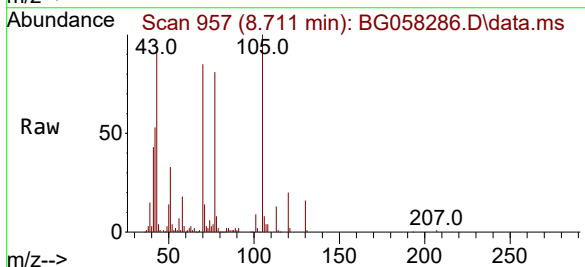
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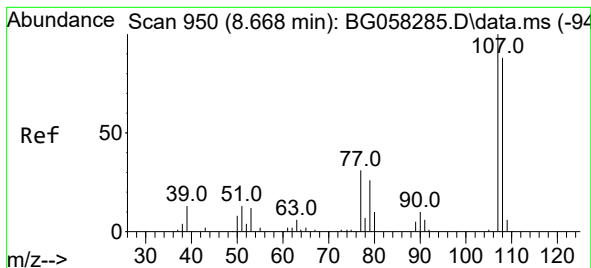
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Ion Ratio Lower Upper
105 100
77 78.7 60.7 91.1
51 30.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 39.821 ng/ul
RT: 8.711 min Scan# 957
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion: 70 Resp: 123892
Ion Ratio Lower Upper
70 100
42 62.6 46.6 69.8
101 10.0 7.3 10.9
130 18.9 14.2 21.2

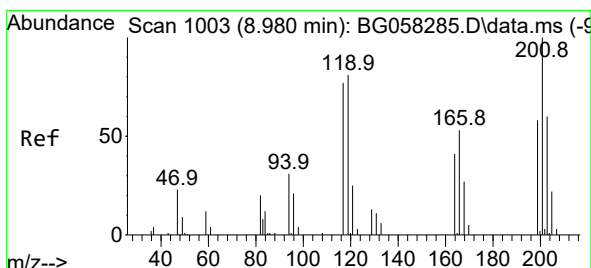
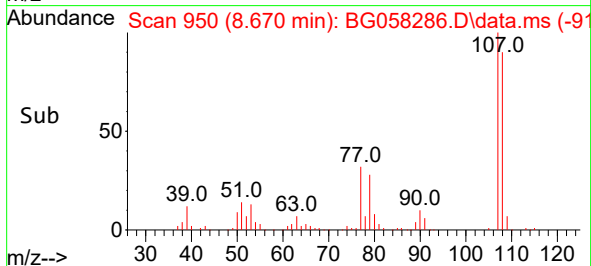
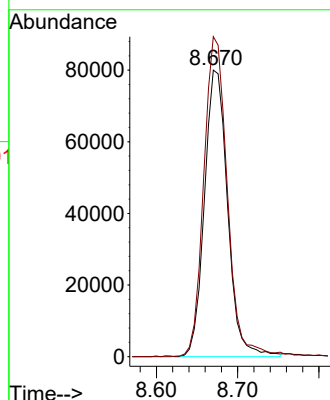
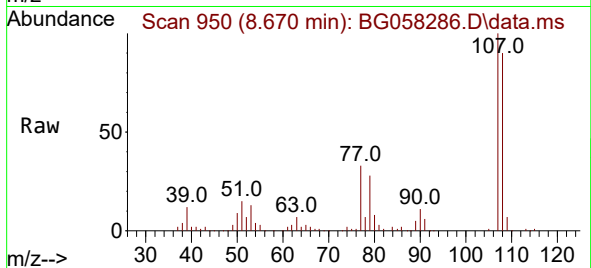




#18
4-Methylphenol
Concen: 39.603 ng/ul
RT: 8.670 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

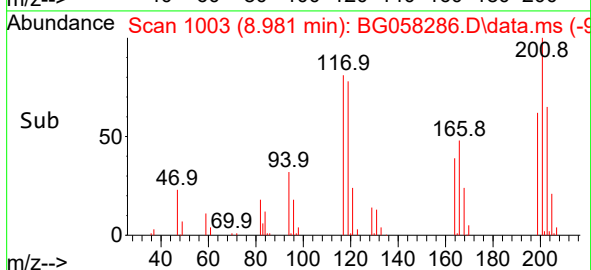
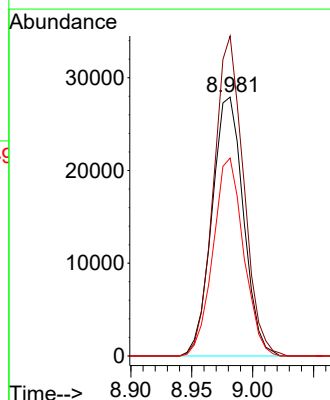
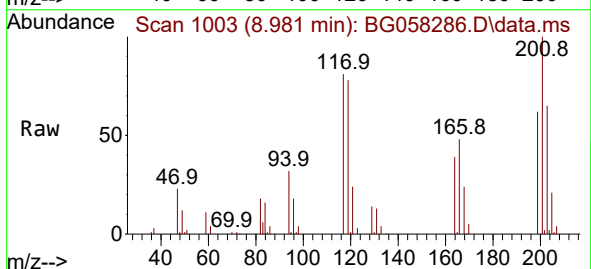
Instrument :
BNA_G
ClientSampleId :
SSTD040445

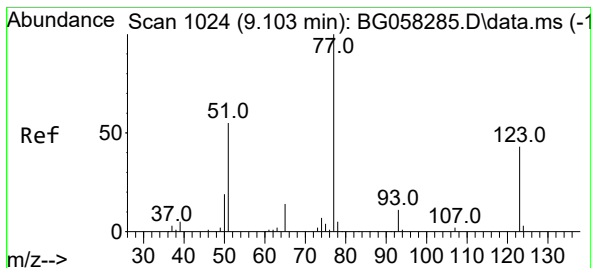
Tgt Ion:108 Resp: 158655
Ion Ratio Lower Upper
108 100
107 111.7 90.6 136.0



#19
Hexachloroethane
Concen: 39.170 ng/ul
RT: 8.981 min Scan# 1003
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:117 Resp: 50102
Ion Ratio Lower Upper
117 100
201 126.2 103.6 155.4
199 76.4 60.1 90.1





#22

Nitrobenzene

Concen: 39.678 ng/ul

RT: 9.105 min Scan# 110

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

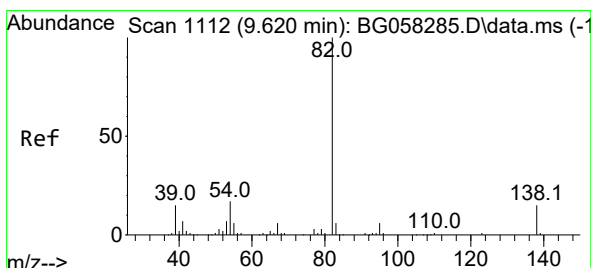
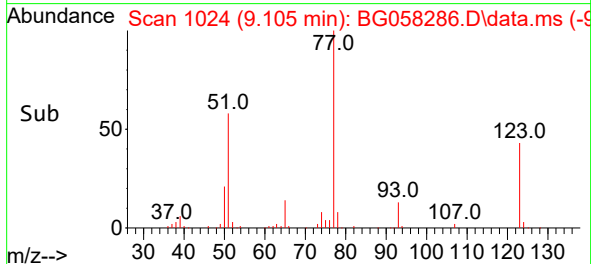
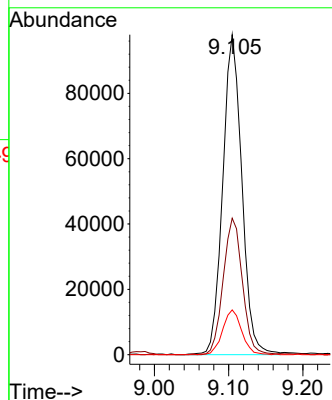
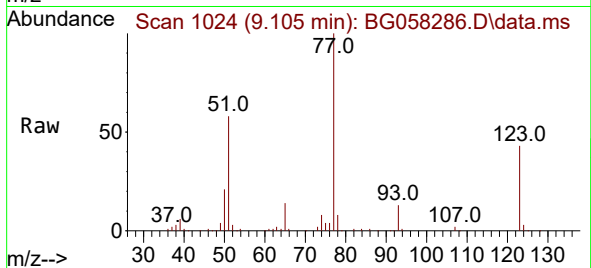
Tgt Ion: 77 Resp: 175445

Ion Ratio Lower Upper

77 100

123 42.6 34.0 51.0

65 14.0 11.0 16.6



#23

Isophorone

Concen: 40.529 ng/ul

RT: 9.628 min Scan# 1113

Delta R.T. 0.007 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

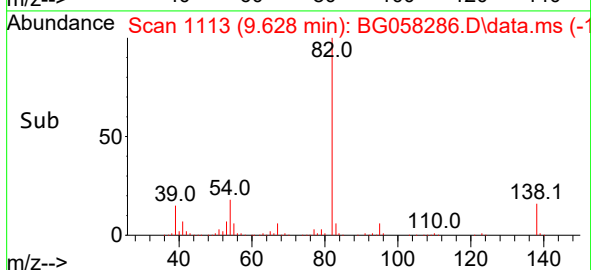
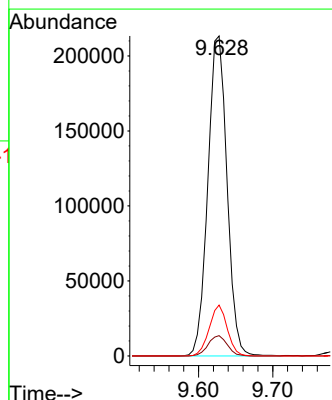
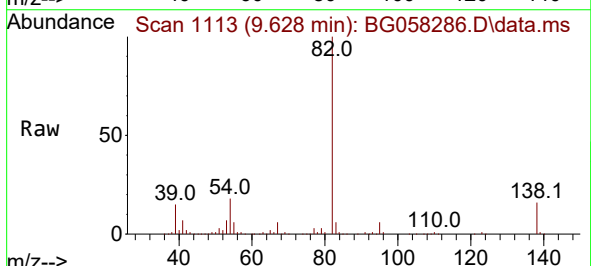
Tgt Ion: 82 Resp: 382386

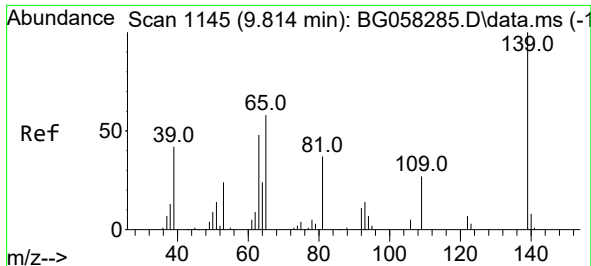
Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 15.9 11.9 17.9

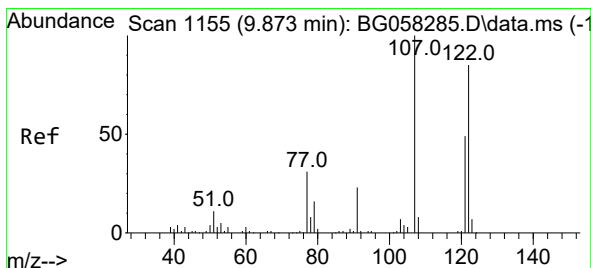
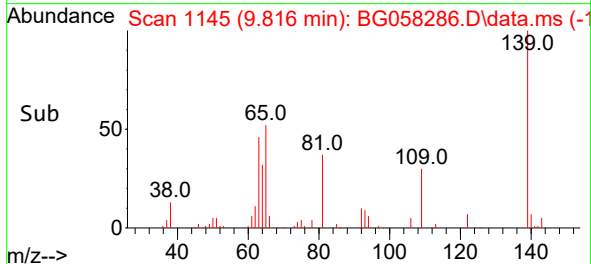
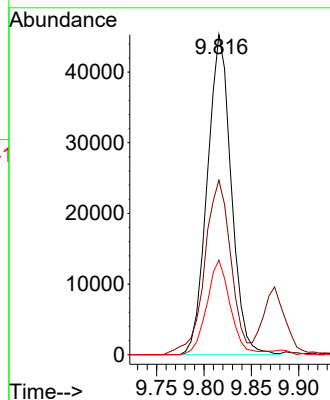
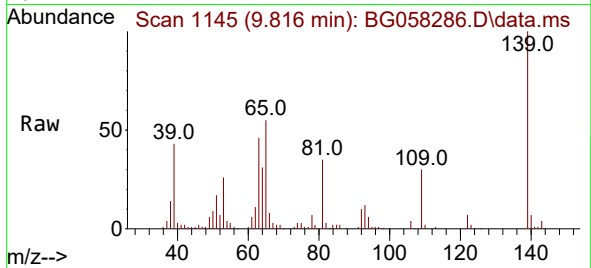




#25
2-Nitrophenol
Concen: 41.476 ng/ul
RT: 9.816 min Scan# 1145
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

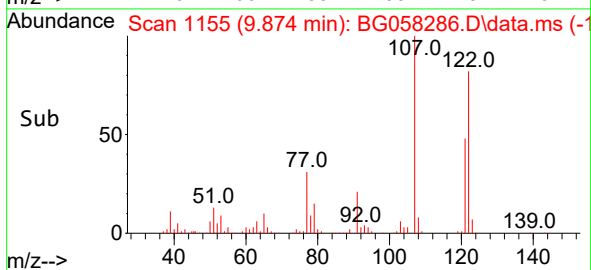
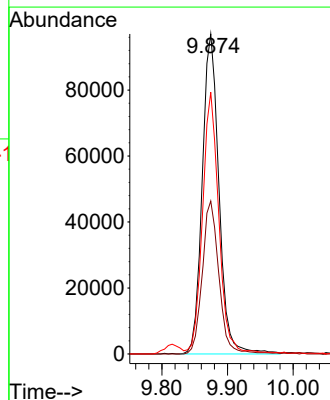
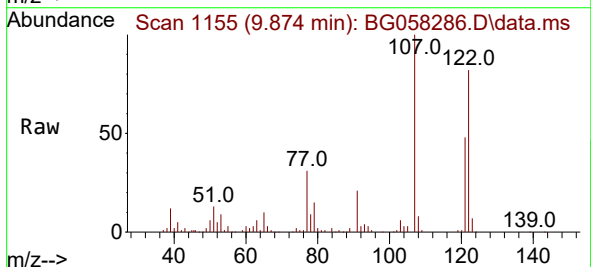
Instrument :
BNA_G
ClientSampleId :
SSTD040445

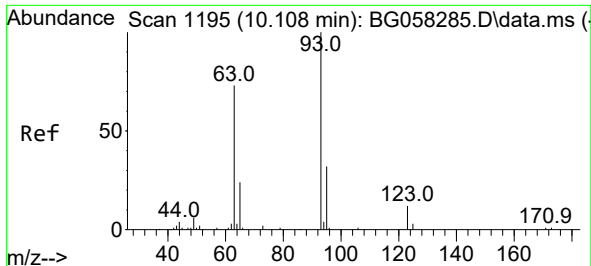
Tgt Ion:139 Resp: 79669
Ion Ratio Lower Upper
139 100
65 54.5 49.2 73.8
109 29.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 39.883 ng/ul
RT: 9.874 min Scan# 1155
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:107 Resp: 172272
Ion Ratio Lower Upper
107 100
121 47.8 39.1 58.7
122 81.8 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 38.586 ng/ul

RT: 10.109 min Scan# 1195

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

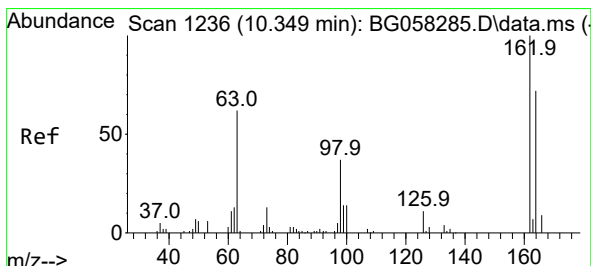
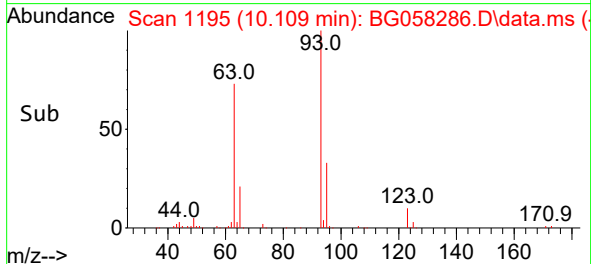
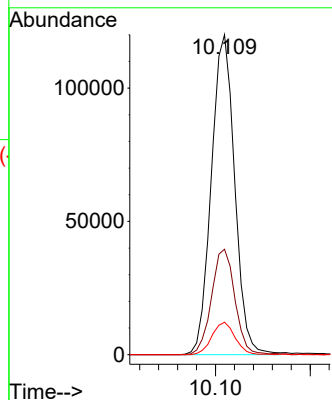
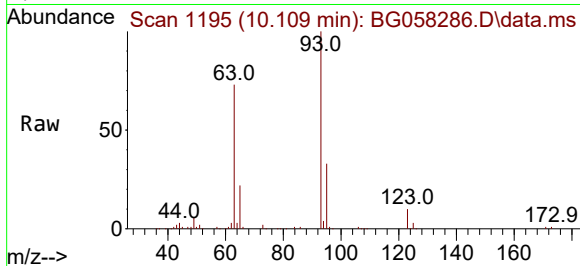
Tgt Ion: 93 Resp: 205149

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.8

123 10.2 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 39.410 ng/ul

RT: 10.350 min Scan# 1236

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

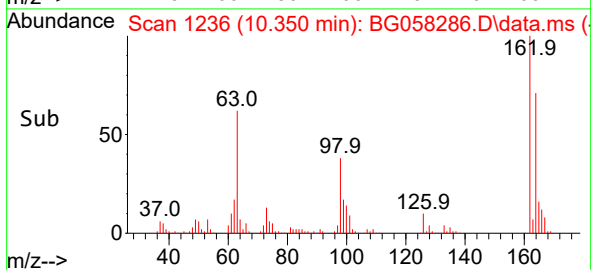
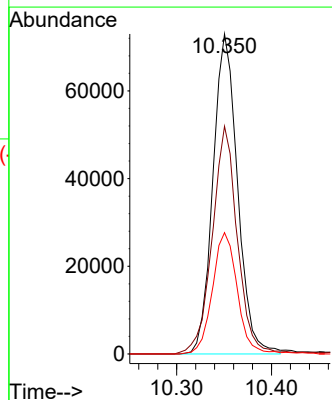
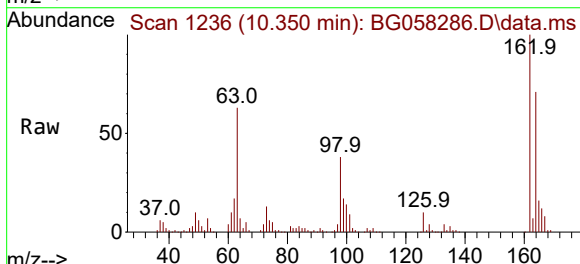
Tgt Ion:162 Resp: 131584

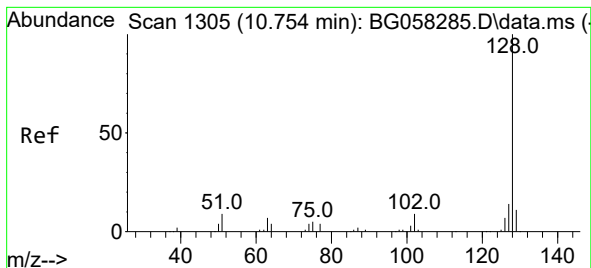
Ion Ratio Lower Upper

162 100

164 71.1 58.4 87.6

98 37.9 29.6 44.4

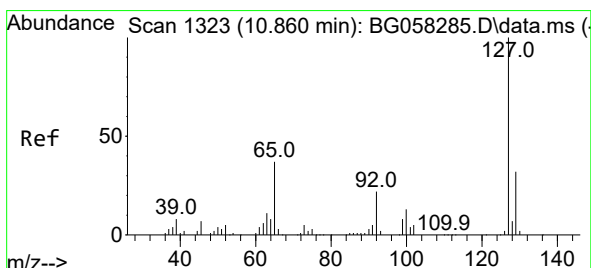
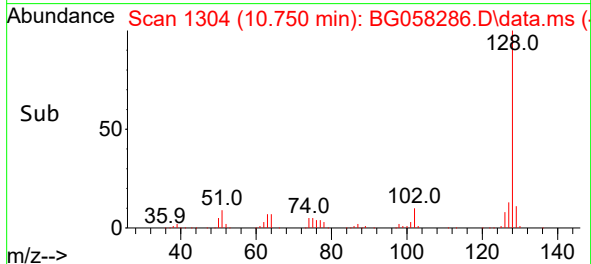
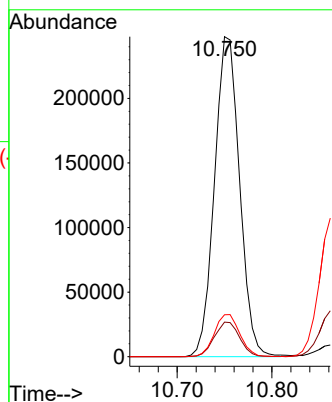
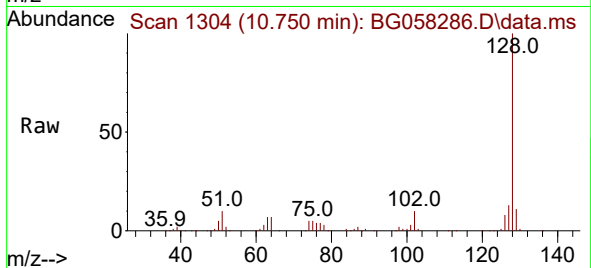




#30
Naphthalene
Concen: 38.771 ng/ul
RT: 10.750 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

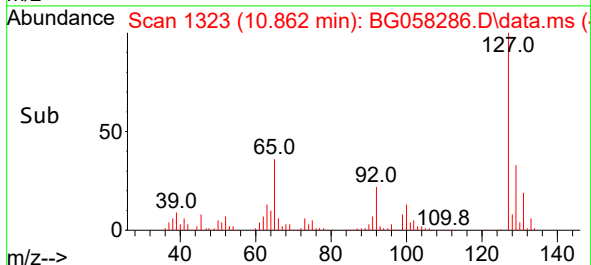
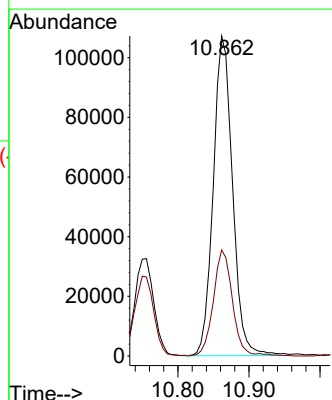
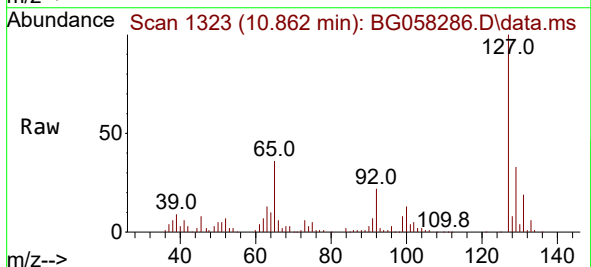
Instrument :
BNA_G
ClientSampleId :
SSTD040445

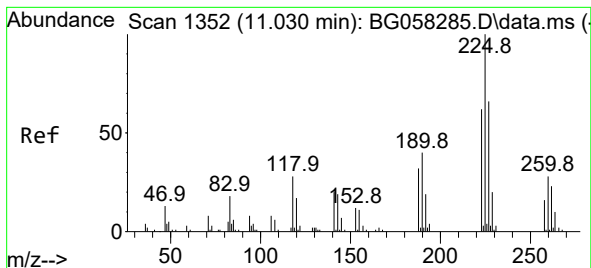
Tgt Ion:128 Resp: 455334
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.8 16.2



#32
4-Chloroaniline
Concen: 37.837 ng/ul
RT: 10.862 min Scan# 1323
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:127 Resp: 201432
Ion Ratio Lower Upper
127 100
129 33.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 38.939 ng/ul

RT: 11.032 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

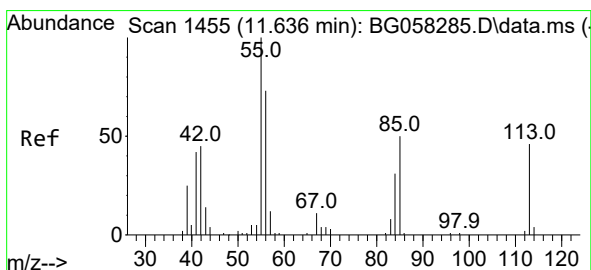
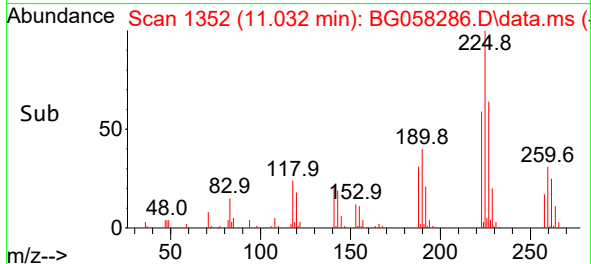
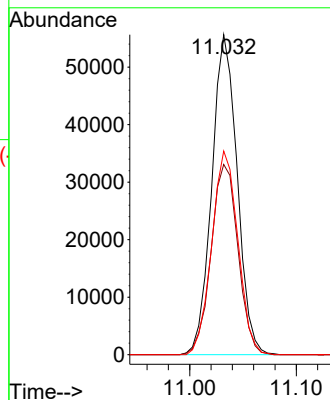
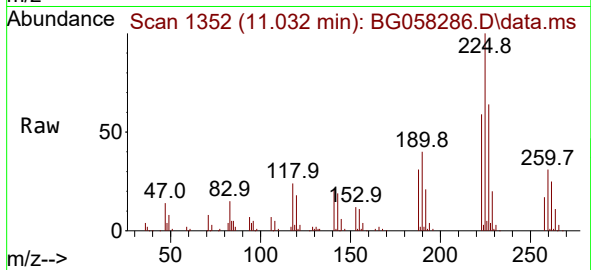
Tgt Ion:225 Resp: 92045

Ion Ratio Lower Upper

225 100

223 59.4 49.7 74.5

227 63.6 53.2 79.8



#34

Caprolactam

Concen: 19.930 ng/ul

RT: 11.631 min Scan# 1454

Delta R.T. -0.004 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

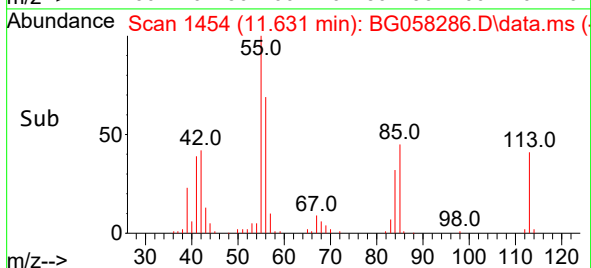
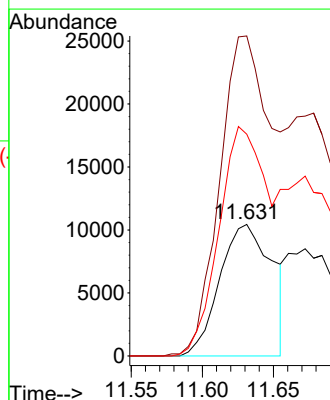
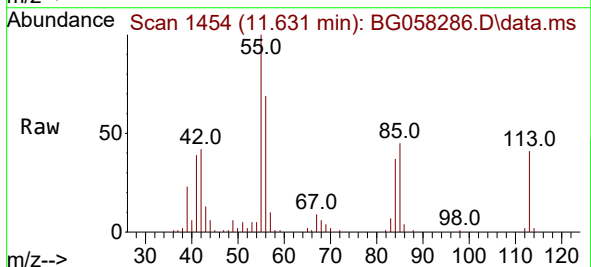
Tgt Ion:113 Resp: 26753

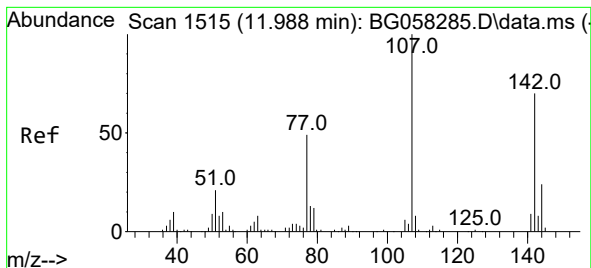
Ion Ratio Lower Upper

113 100

55 243.2 179.8 269.6

56 168.5 132.2 198.4

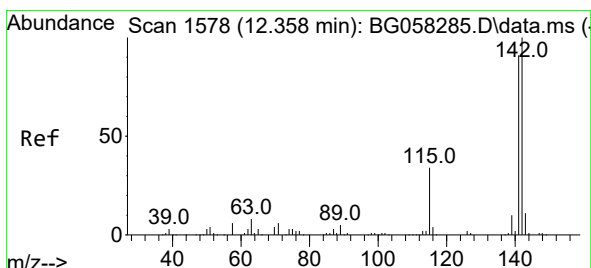
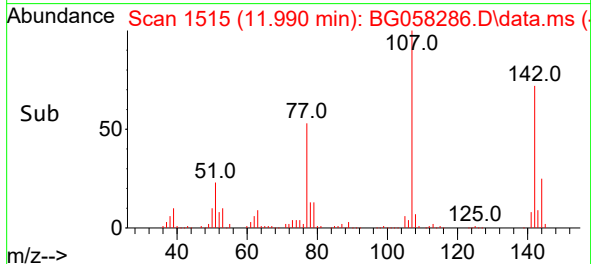
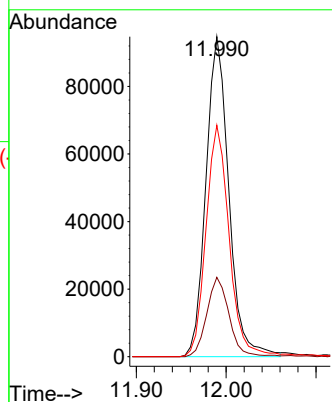
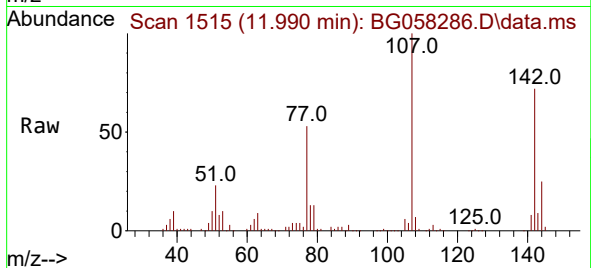




#35
 4-Chloro-3-methylphenol
 Concen: 40.906 ng/ul
 RT: 11.990 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

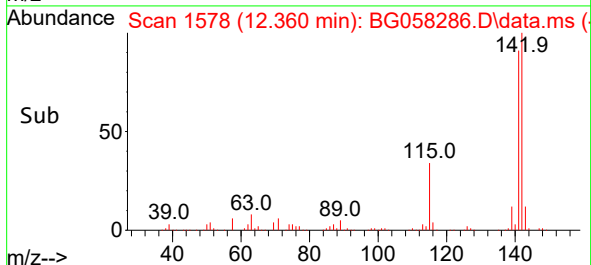
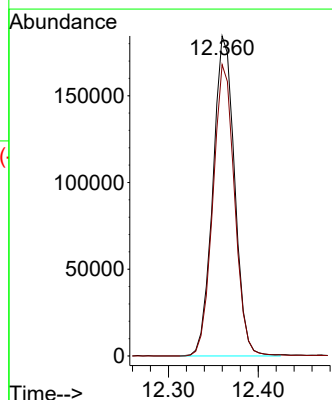
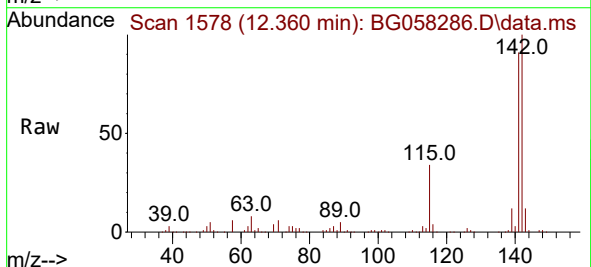
Instrument :
 BNA_G
 ClientSampleId :
 SST040445

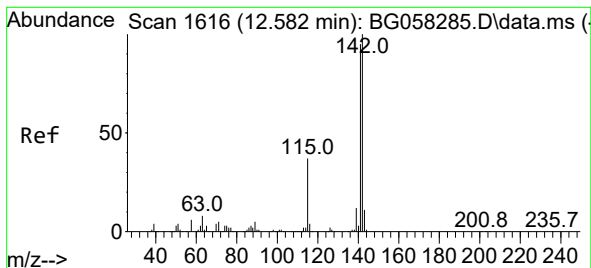
Tgt Ion:107 Resp: 167776
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.6
 142 72.3 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 39.070 ng/ul
 RT: 12.360 min Scan# 1578
 Delta R.T. 0.002 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

Tgt Ion:142 Resp: 309305
 Ion Ratio Lower Upper
 142 100
 141 91.0 72.6 108.8





#37

1-Methylnaphthalene

Concen: 39.304 ng/ul

RT: 12.583 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

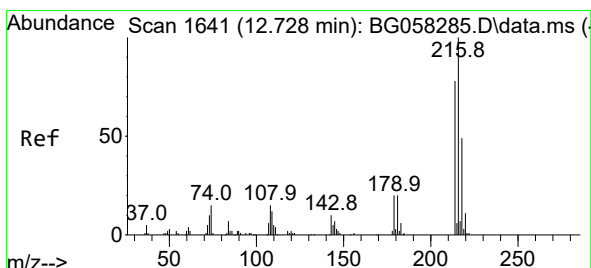
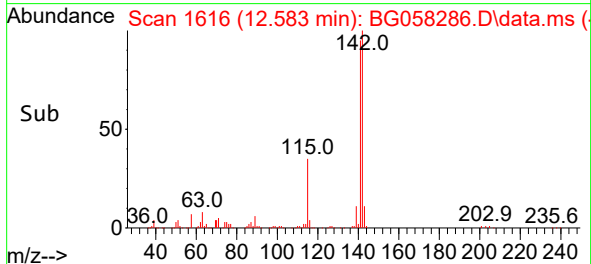
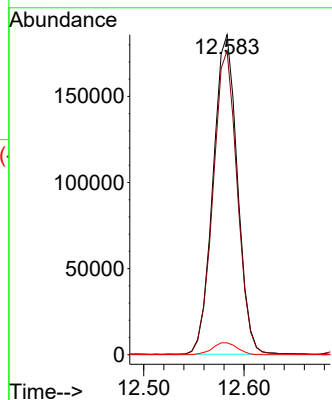
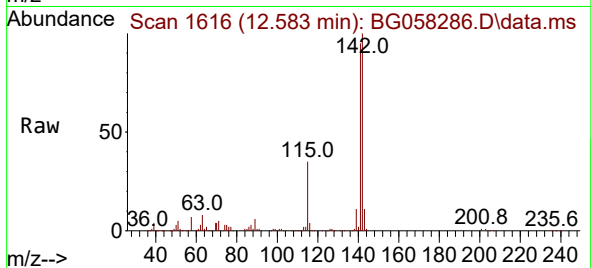
Tgt Ion:142 Resp: 312032

Ion Ratio Lower Upper

142 100

141 95.0 75.8 113.6

116 3.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.191 ng/ul

RT: 12.730 min Scan# 1641

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Tgt Ion:216 Resp: 180446

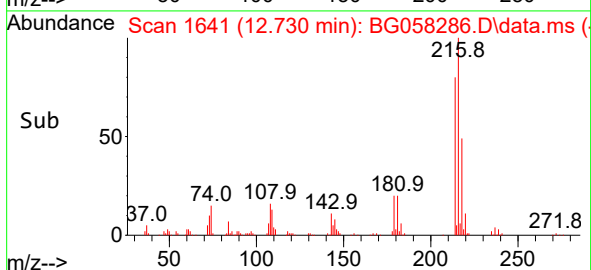
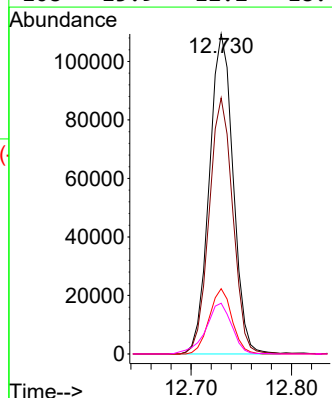
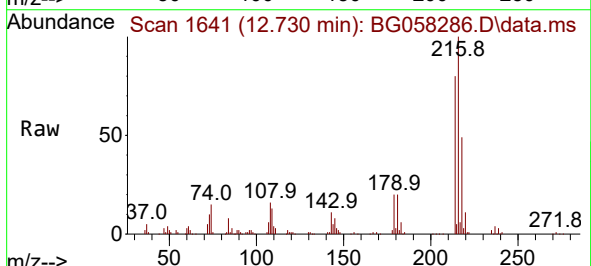
Ion Ratio Lower Upper

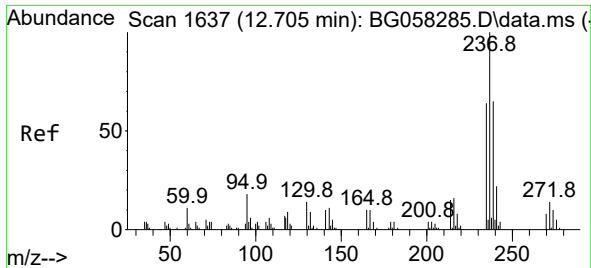
216 100

214 80.0 62.2 93.4

179 20.4 16.2 24.2

108 15.9 12.2 18.4

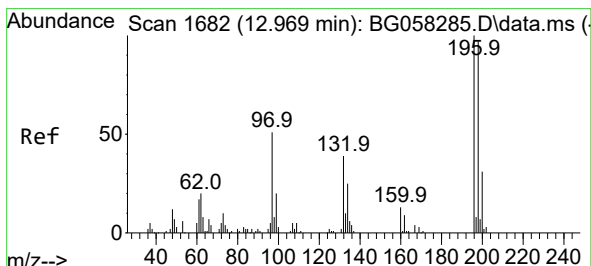
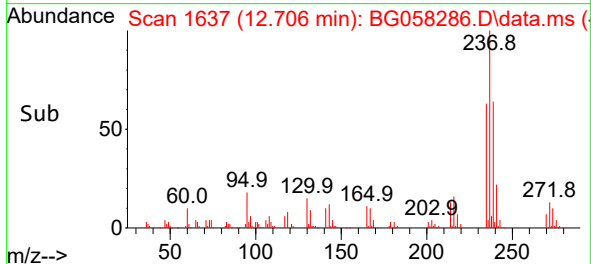
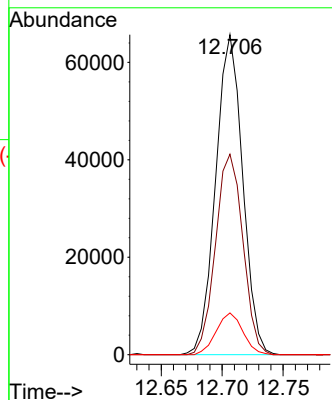
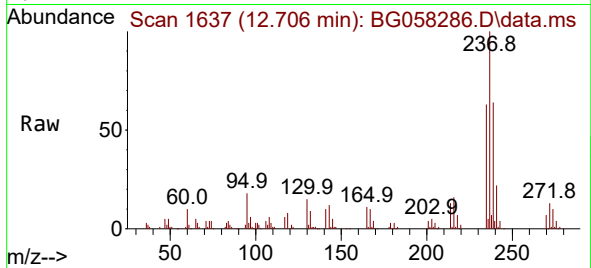




#40
Hexachlorocyclopentadiene
Concen: 34.921 ng/ul
RT: 12.706 min Scan# 1637
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

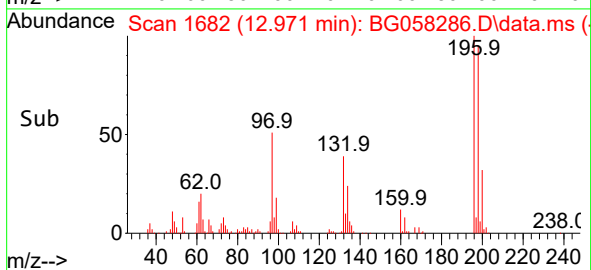
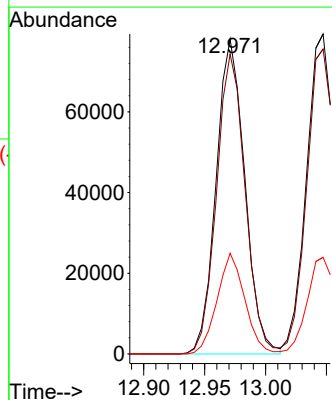
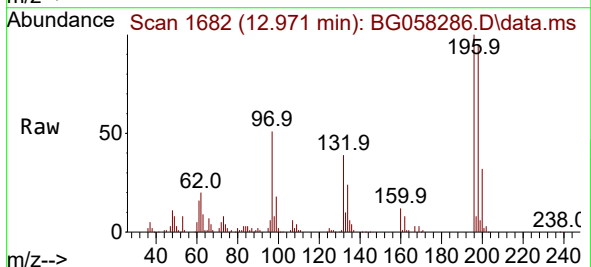
Instrument :
BNA_G
ClientSampleId :
SSTD040445

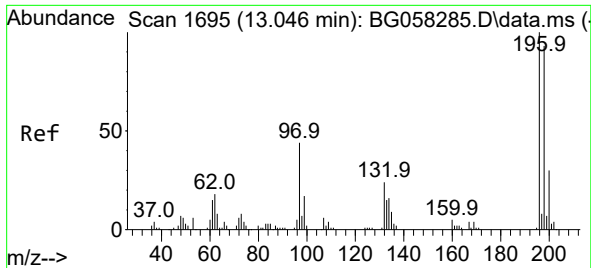
Tgt Ion:237 Resp: 101276
Ion Ratio Lower Upper
237 100
235 62.7 50.9 76.3
272 13.1 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 41.009 ng/ul
RT: 12.971 min Scan# 1682
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:196 Resp: 127972
Ion Ratio Lower Upper
196 100
198 95.2 77.7 116.5
200 32.0 25.0 37.6

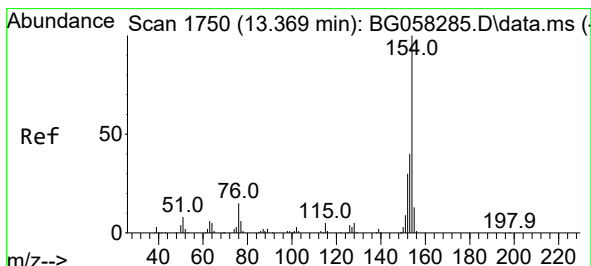
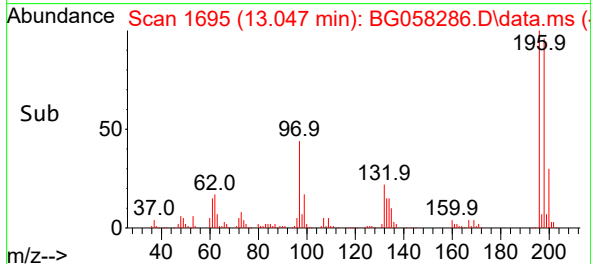
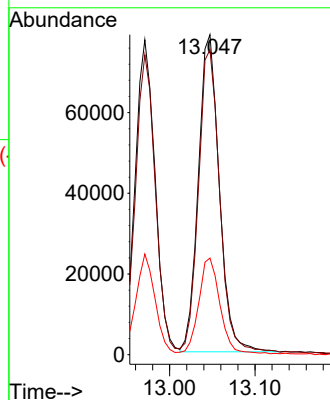
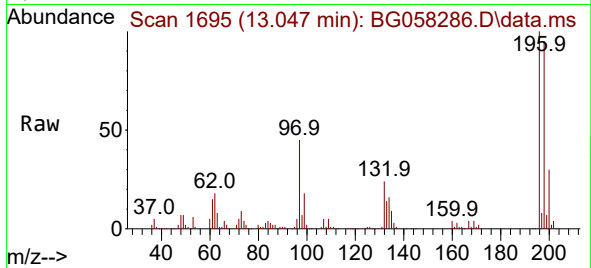




#42
2,4,5-Trichlorophenol
Concen: 39.798 ng/ul
RT: 13.047 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

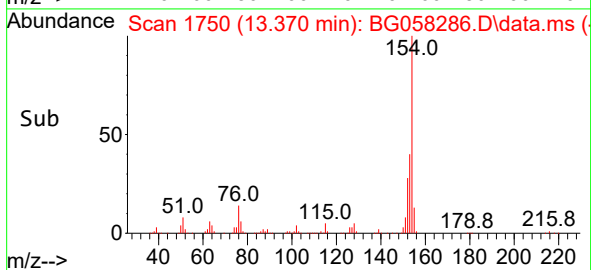
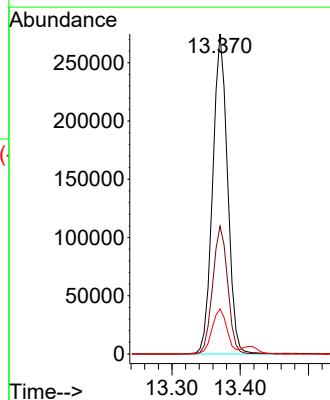
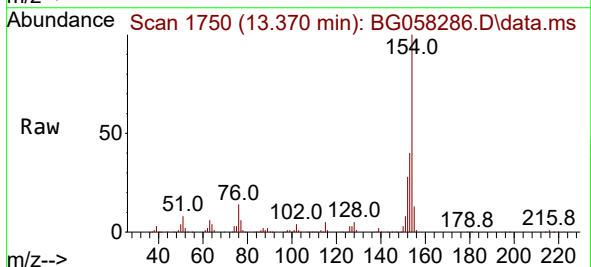
Instrument :
BNA_G
ClientSampleId :
SSTD040445

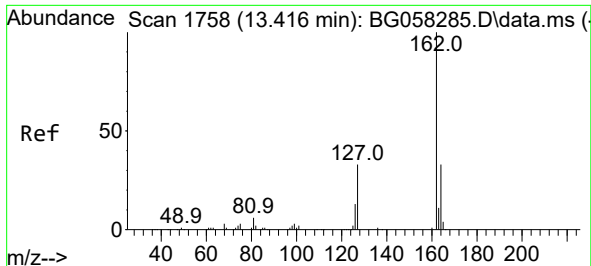
Tgt Ion:196 Resp: 134314
Ion Ratio Lower Upper
196 100
198 95.3 74.8 112.2
200 30.2 24.4 36.6



#43
1,1'-Biphenyl
Concen: 38.298 ng/ul
RT: 13.370 min Scan# 1750
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:154 Resp: 416985
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 14.1 11.7 17.5

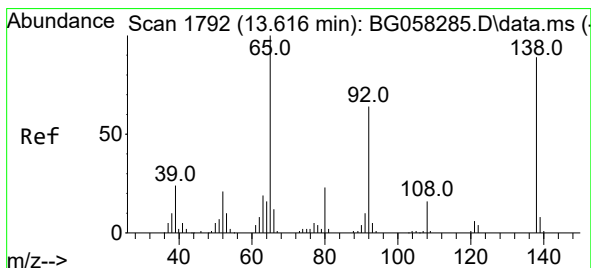
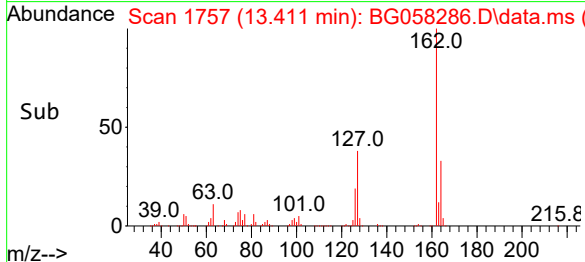
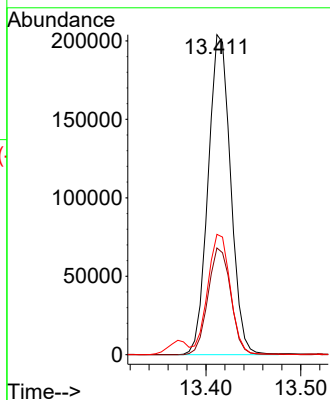
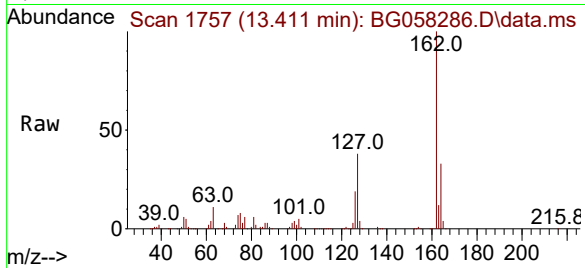




#44
2-Chloronaphthalene
Concen: 38.494 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.004 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

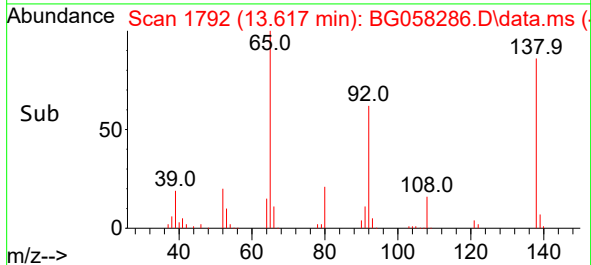
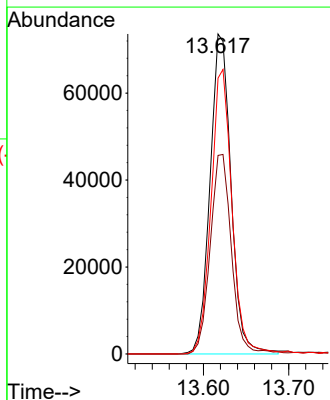
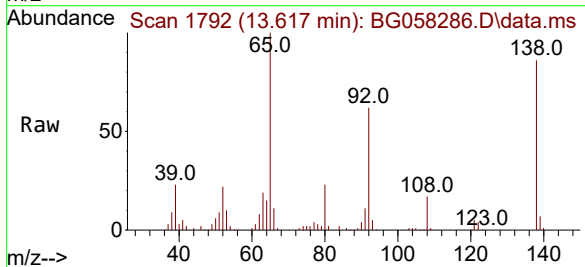
Instrument :
BNA_G
ClientSampleId :
SSTD040445

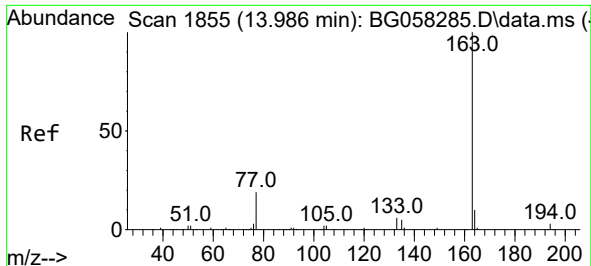
Tgt Ion:162 Resp: 336377
Ion Ratio Lower Upper
162 100
164 33.4 26.2 39.2
127 37.6 29.8 44.6



#45
2-Nitroaniline
Concen: 41.446 ng/ul
RT: 13.617 min Scan# 1792
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion: 65 Resp: 125919
Ion Ratio Lower Upper
65 100
92 62.0 51.4 77.2
138 86.2 71.6 107.4

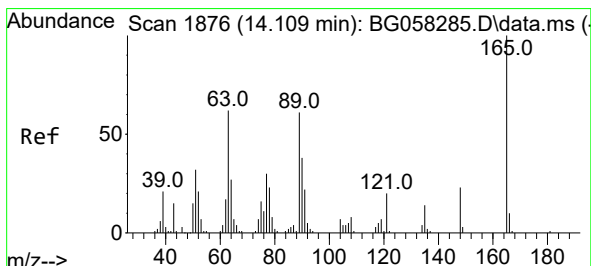
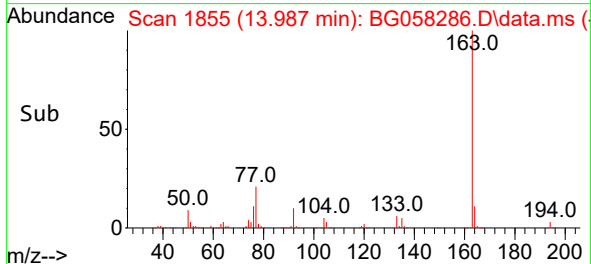
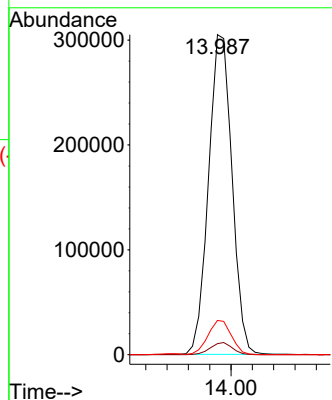
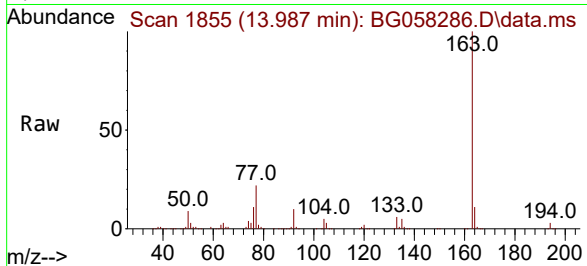




#47
Dimethylphthalate
Concen: 38.949 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

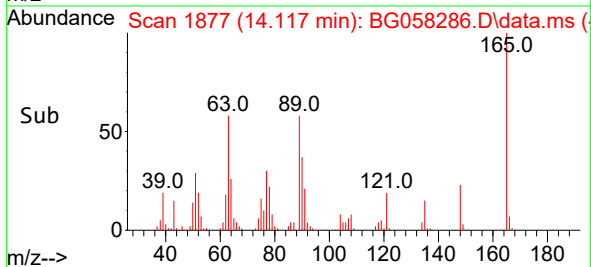
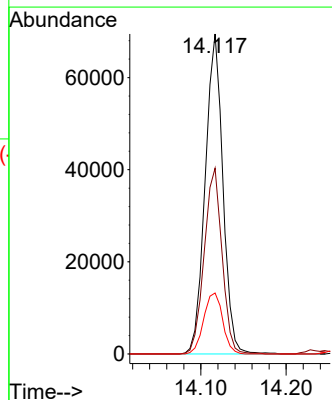
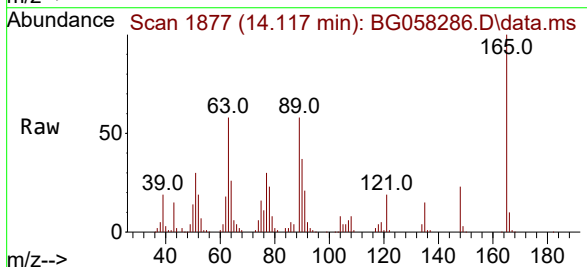
Instrument :
BNA_G
ClientSampleId :
SSTD040445

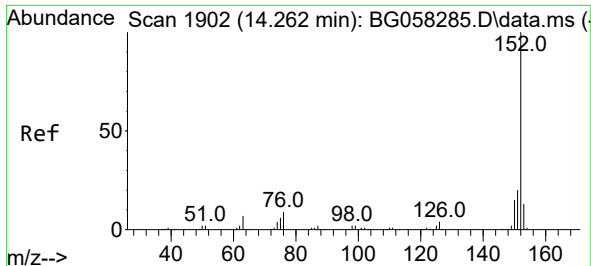
Tgt Ion:163 Resp: 466482
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.7 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 40.752 ng/ul
RT: 14.117 min Scan# 1877
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:165 Resp: 100183
Ion Ratio Lower Upper
165 100
89 58.1 48.9 73.3
121 19.1 16.2 24.4

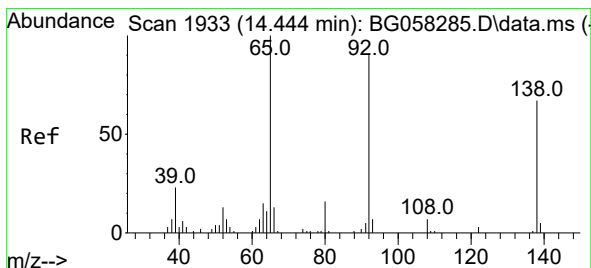
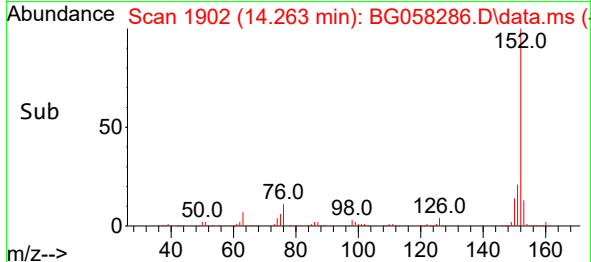
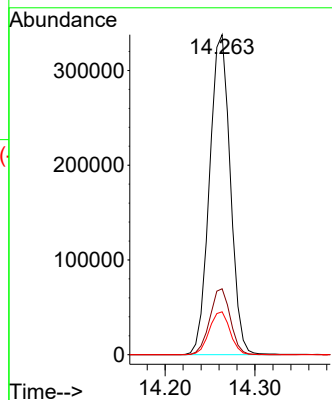
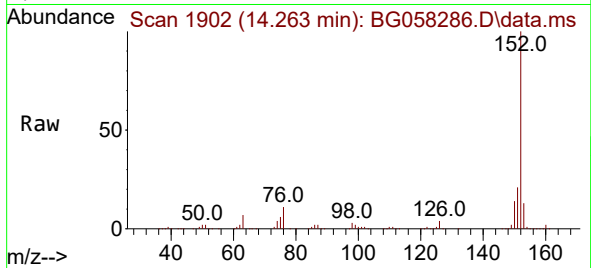




#50
Acenaphthylene
Concen: 38.607 ng/ul
RT: 14.263 min Scan# 1902
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

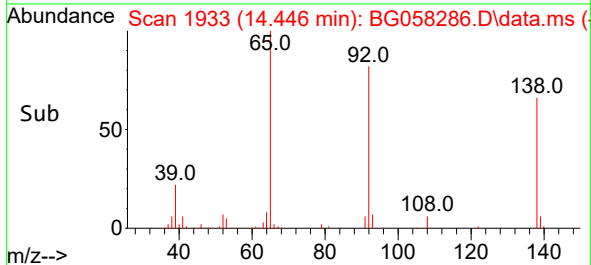
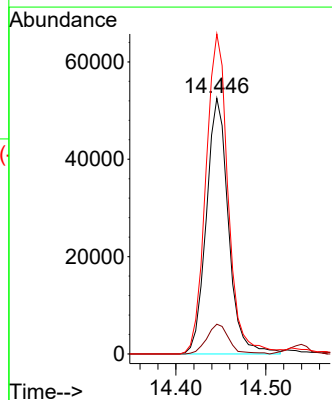
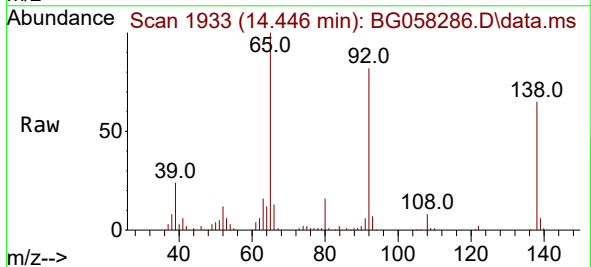
Instrument :
BNA_G
ClientSampleId :
SSTD040445

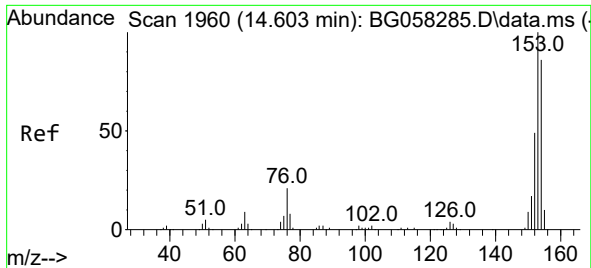
Tgt Ion:152 Resp: 542333
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.6 16.0



#51
3-Nitroaniline
Concen: 43.312 ng/ul
RT: 14.446 min Scan# 1933
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:138 Resp: 89981
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 125.2 108.4 162.6

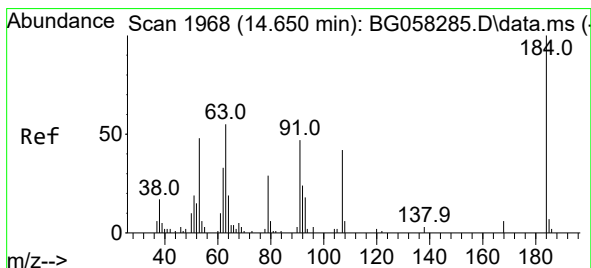
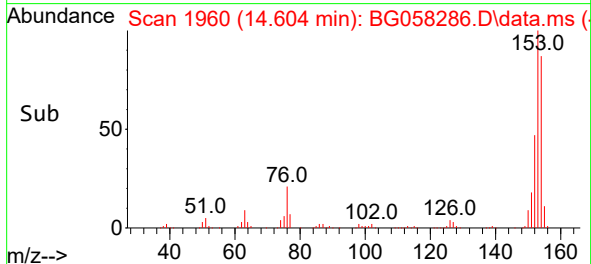
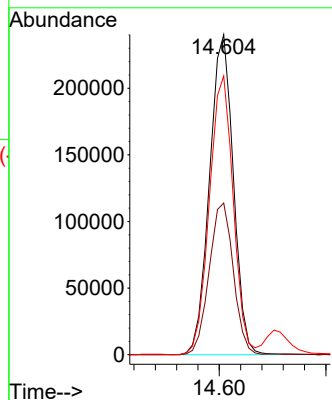
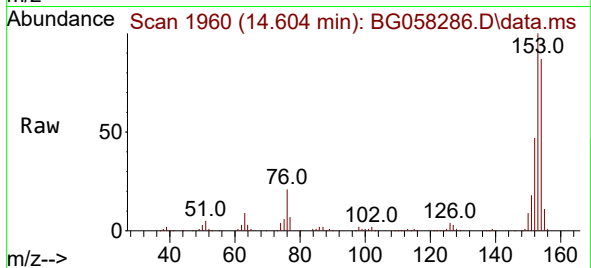




#52
Acenaphthene
Concen: 38.708 ng/ul
RT: 14.604 min Scan# 1960
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

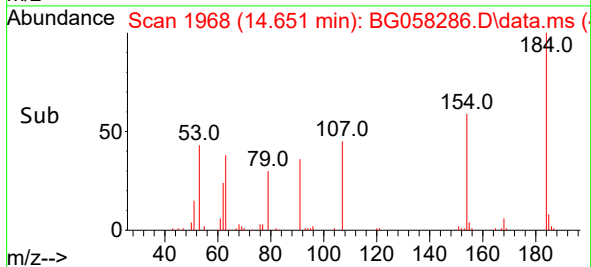
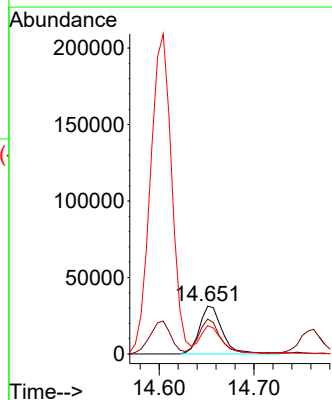
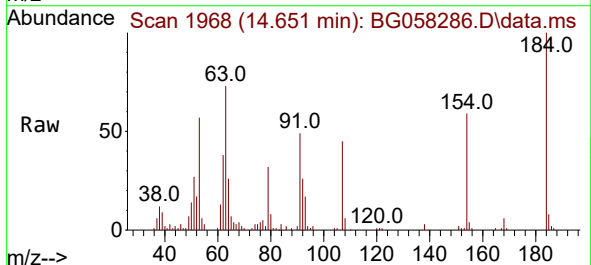
Instrument :
BNA_G
ClientSampleId :
SSTD040445

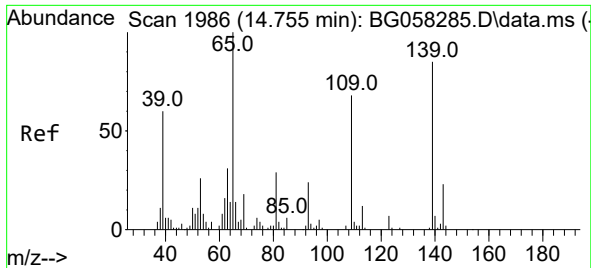
Tgt Ion:153 Resp: 373128
Ion Ratio Lower Upper
153 100
152 47.4 39.1 58.7
154 87.1 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 40.808 ng/ul
RT: 14.651 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:184 Resp: 52301
Ion Ratio Lower Upper
184 100
63 72.9 52.9 79.3
154 59.2 47.8 71.8

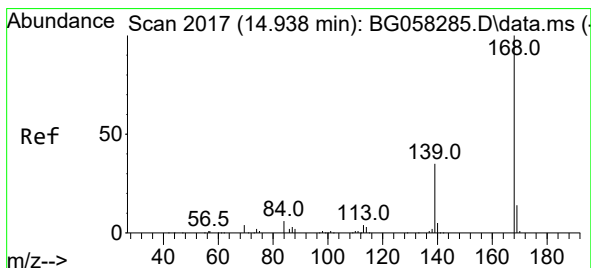
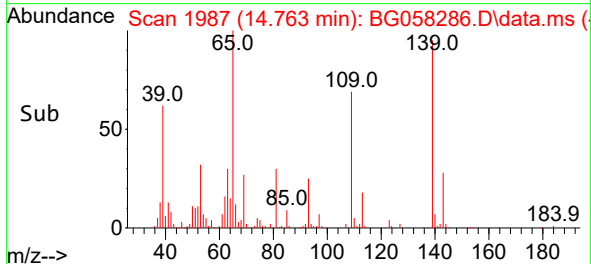
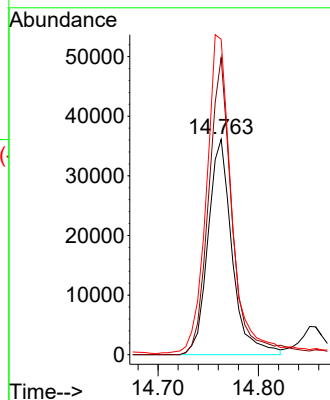
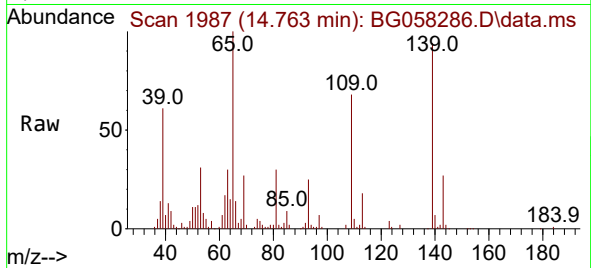




#55
4-Nitrophenol
Concen: 38.617 ng/ul
RT: 14.763 min Scan# 1986
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

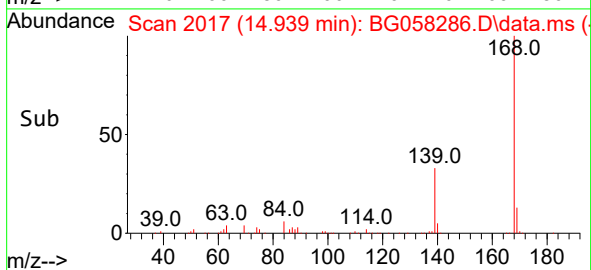
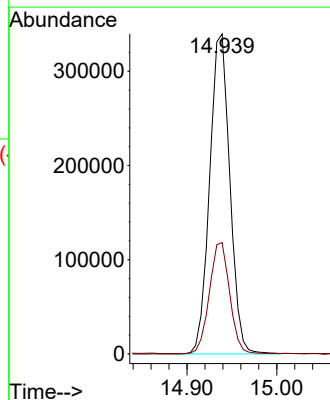
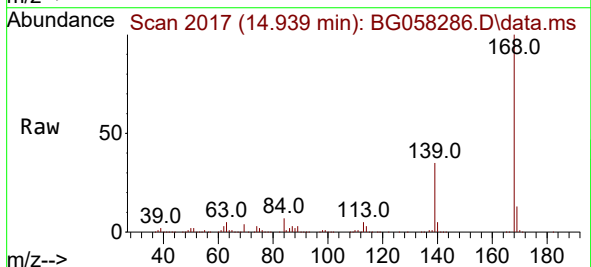
Instrument :
BNA_G
ClientSampleId :
SSTD040445

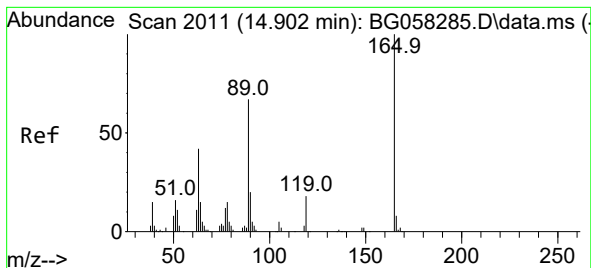
Tgt Ion:109 Resp: 60251
Ion Ratio Lower Upper
109 100
139 137.9 100.3 150.5
65 146.4 120.6 180.8



#56
Dibenzofuran
Concen: 38.756 ng/ul
RT: 14.939 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:168 Resp: 531052
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8

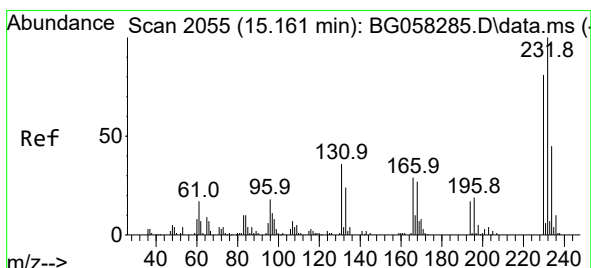
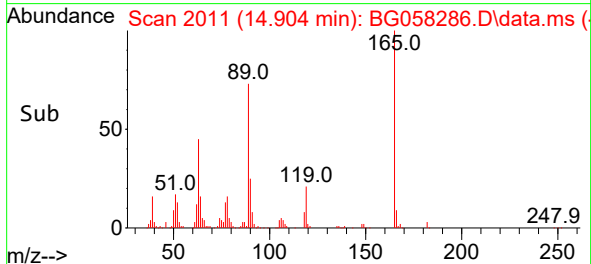
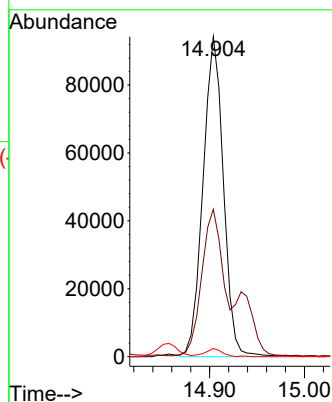
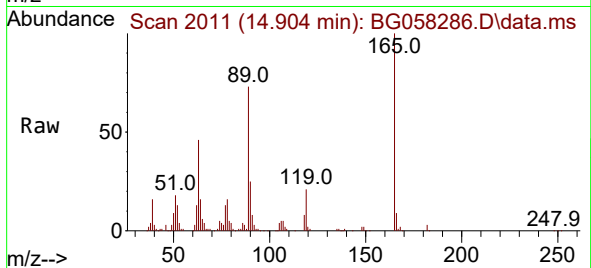




#57
2,4-Dinitrotoluene
Concen: 40.490 ng/ul
RT: 14.904 min Scan# 2011
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

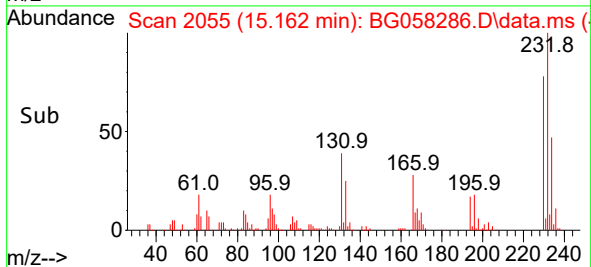
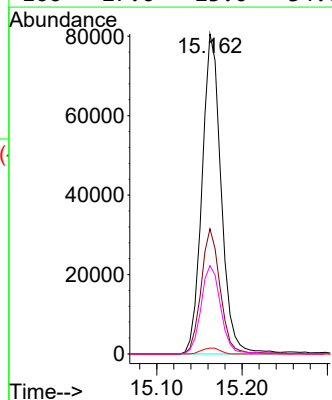
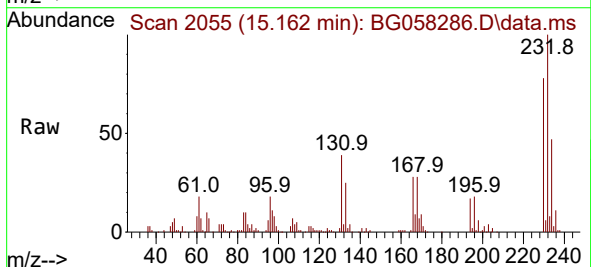
Instrument :
BNA_G
ClientSampleId :
SSTD040445

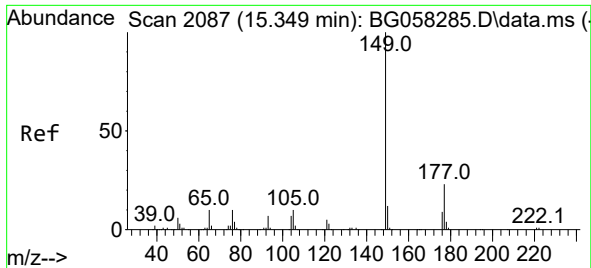
Tgt Ion:165 Resp: 141029
Ion Ratio Lower Upper
165 100
63 46.1 33.8 50.6
182 2.6 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.870 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:232 Resp: 125565
Ion Ratio Lower Upper
232 100
131 39.1 29.0 43.6
130 1.8 1.1 1.7#
166 27.6 23.0 34.6

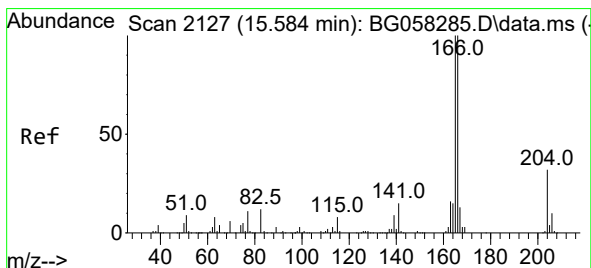
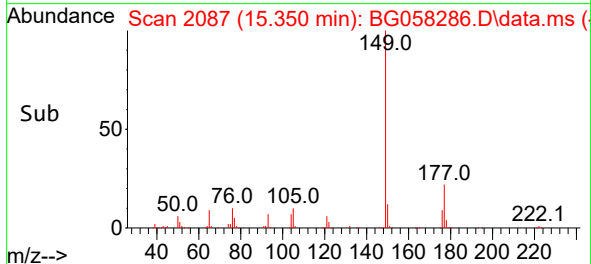
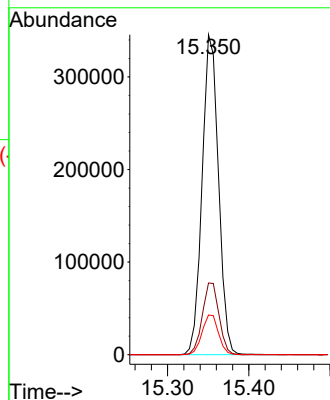
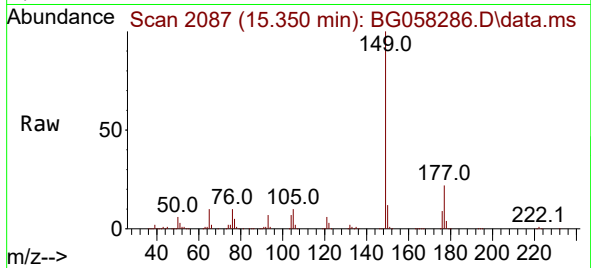




#59
Diethylphthalate
Concen: 38.677 ng/ul
RT: 15.350 min Scan# 2087
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

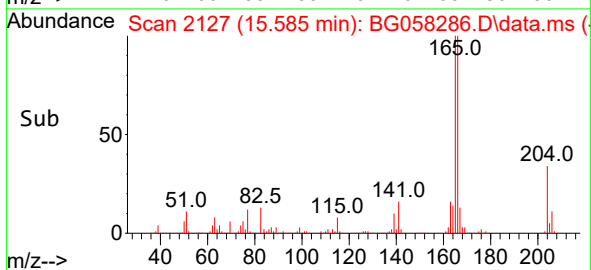
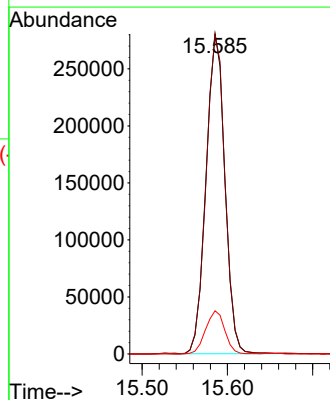
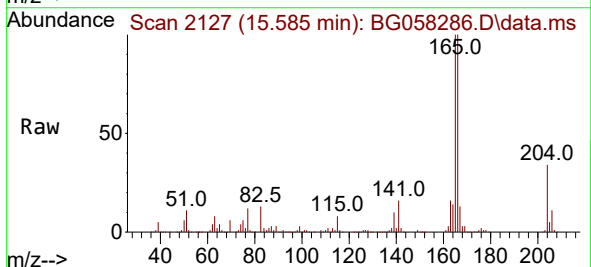
Instrument :
BNA_G
ClientSampleId :
SSTD040445

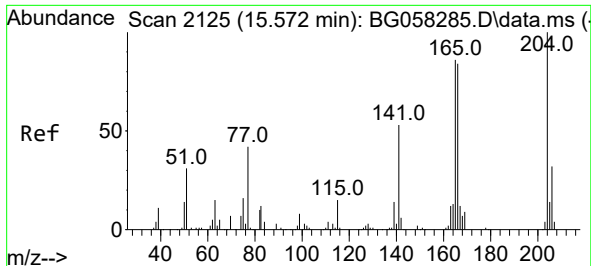
Tgt Ion:149 Resp: 483472
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.4 10.0 15.0



#61
Fluorene
Concen: 38.234 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:166 Resp: 429861
Ion Ratio Lower Upper
166 100
165 99.9 80.2 120.2
167 13.5 10.5 15.7

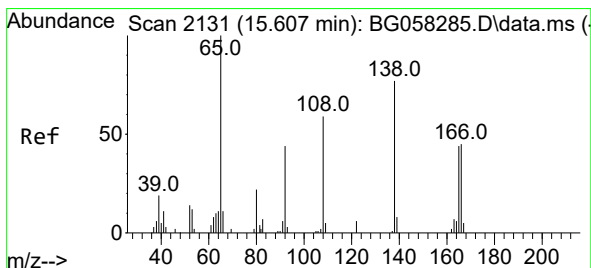
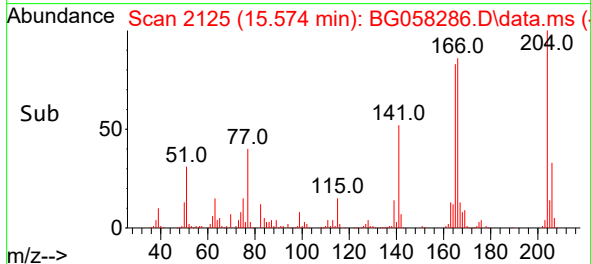
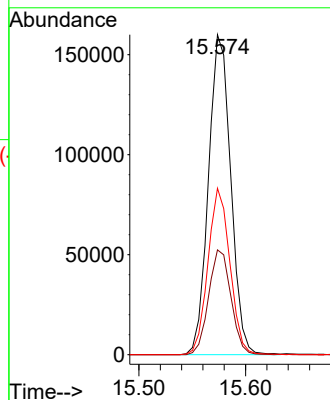
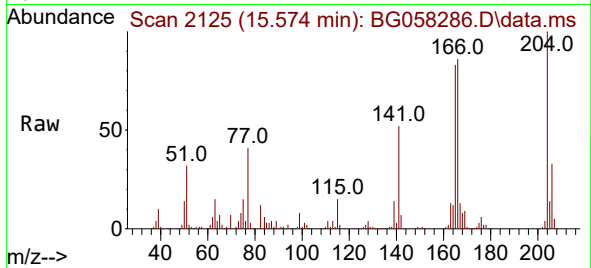




#62
4-Chlorophenyl-phenylether
Concen: 39.080 ng/ul
RT: 15.574 min Scan# 2125
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

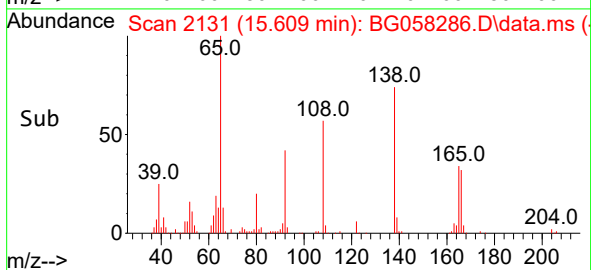
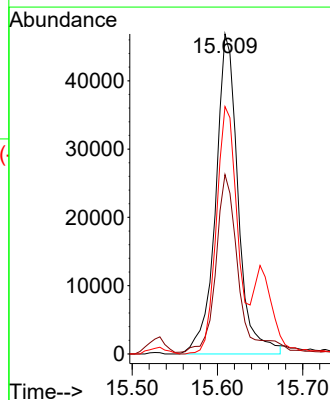
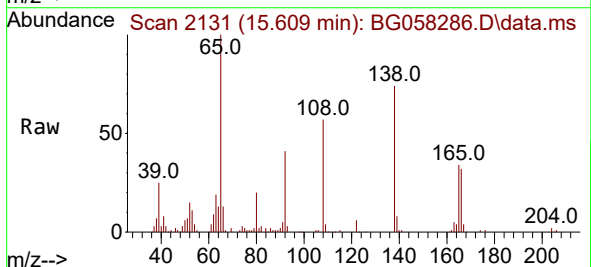
Instrument :
BNA_G
ClientSampleId :
SSTD040445

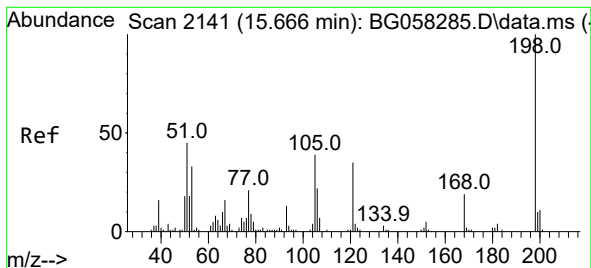
Tgt Ion:204 Resp: 232486
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 52.0 42.2 63.2



#63
4-Nitroaniline
Concen: 46.169 ng/ul
RT: 15.609 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:138 Resp: 85925
Ion Ratio Lower Upper
138 100
92 56.1 45.0 67.4
108 77.3 60.8 91.2

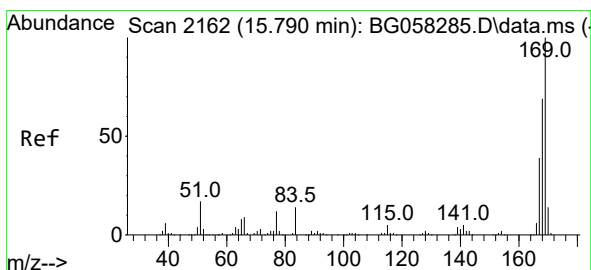
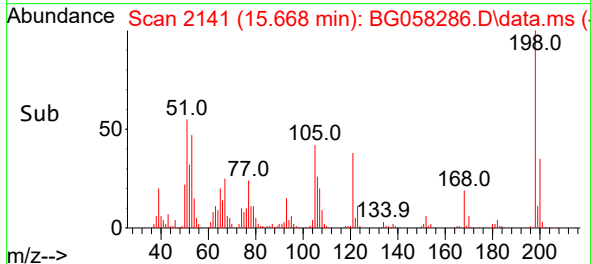
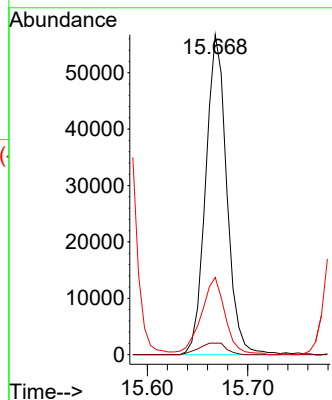
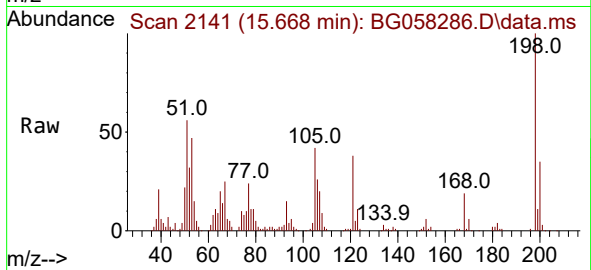




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.054 ng/ul
 RT: 15.668 min Scan# 2141
 Delta R.T. 0.002 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

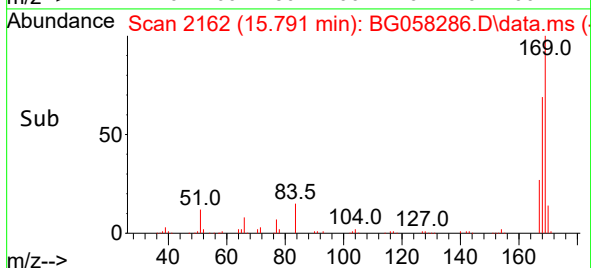
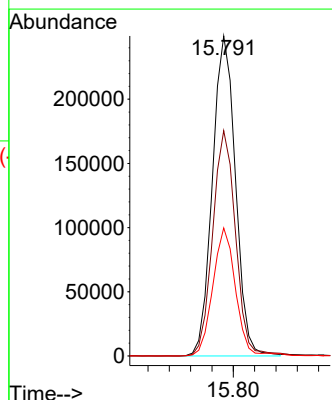
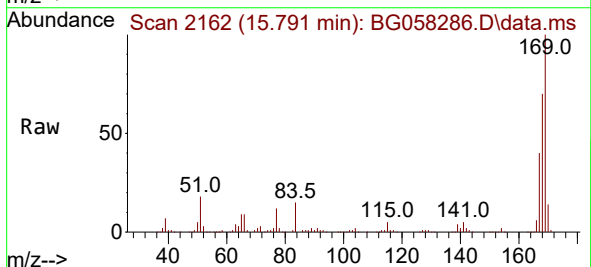
Instrument :
 BNA_G
 ClientSampleId :
 SST040445

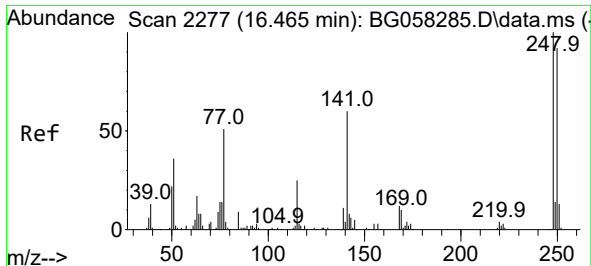
Tgt Ion:198 Resp: 83066
 Ion Ratio Lower Upper
 198 100
 182 3.6 3.4 5.2
 77 24.2 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 38.574 ng/ul
 RT: 15.791 min Scan# 2162
 Delta R.T. 0.002 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

Tgt Ion:169 Resp: 374050
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 40.0 31.2 46.8

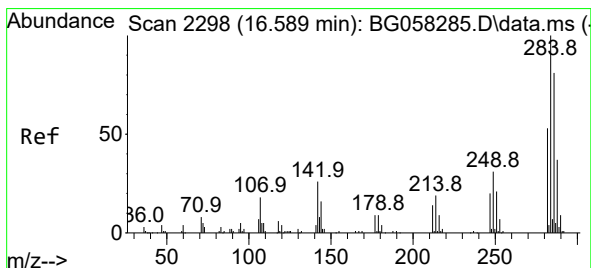
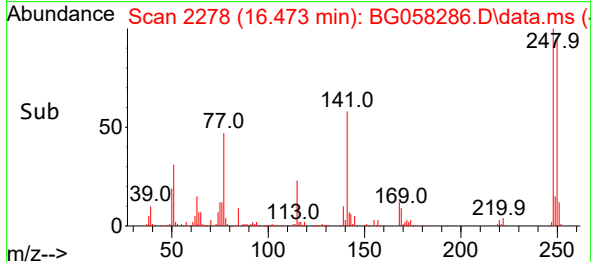
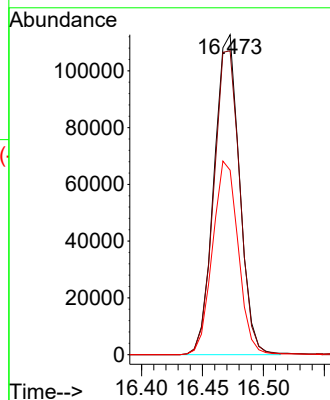
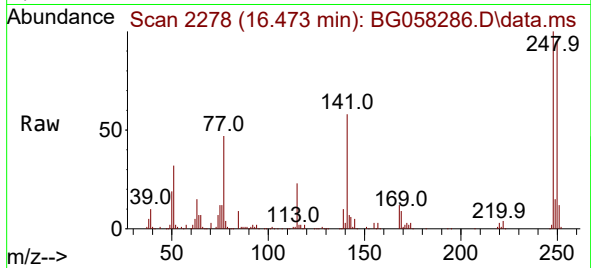




#68
4-Bromophenyl-phenylether
Concen: 40.924 ng/ul
RT: 16.473 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

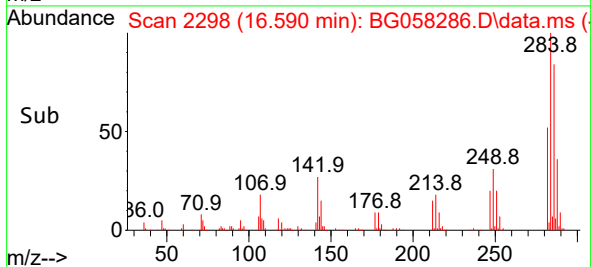
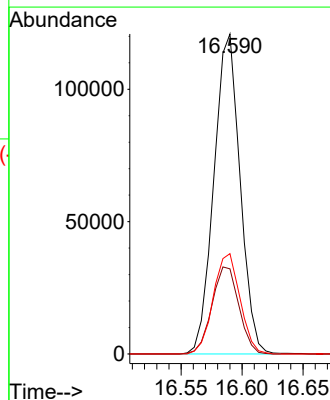
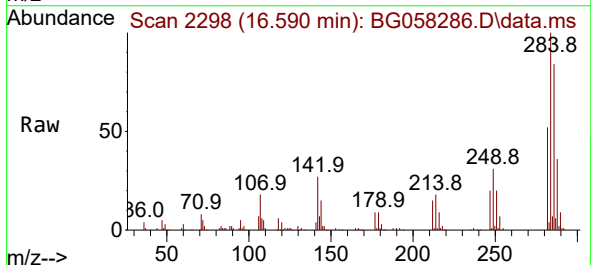
Instrument :
BNA_G
ClientSampleId :
SSTD040445

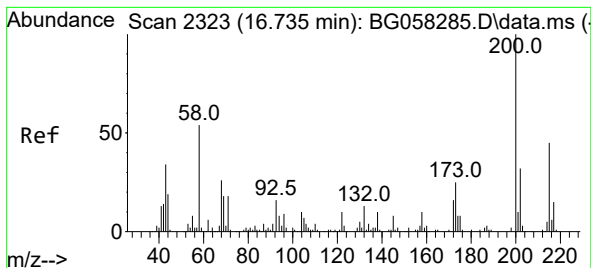
Tgt Ion:248 Resp: 163679
Ion Ratio Lower Upper
248 100
250 95.0 73.8 110.6
141 57.6 48.2 72.2



#69
Hexachlorobenzene
Concen: 40.292 ng/ul
RT: 16.590 min Scan# 2298
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:284 Resp: 180427
Ion Ratio Lower Upper
284 100
142 26.6 20.5 30.7
249 31.4 25.2 37.8





#70

Atrazine

Concen: 38.965 ng/ul

RT: 16.737 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

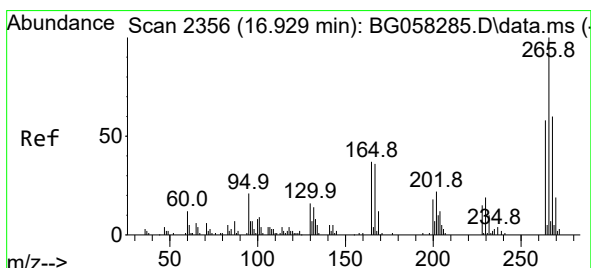
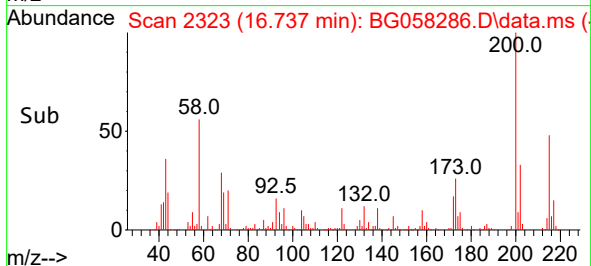
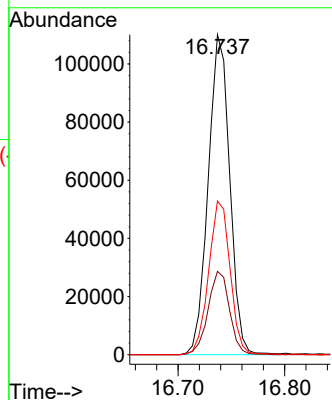
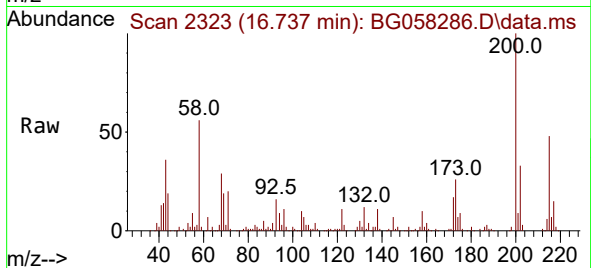
Tgt Ion:200 Resp: 154512

Ion Ratio Lower Upper

200 100

173 26.0 19.8 29.8

215 48.1 36.2 54.4



#71

Pentachlorophenol

Concen: 39.445 ng/ul

RT: 16.931 min Scan# 2356

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

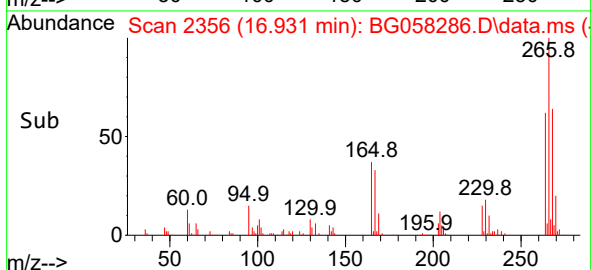
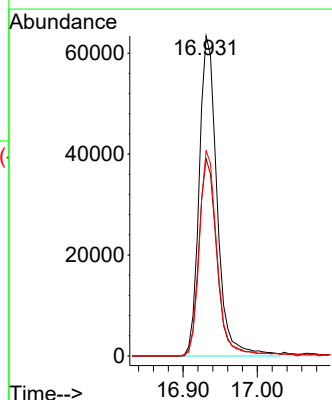
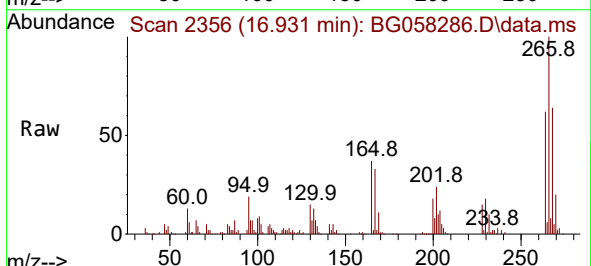
Tgt Ion:266 Resp: 106041

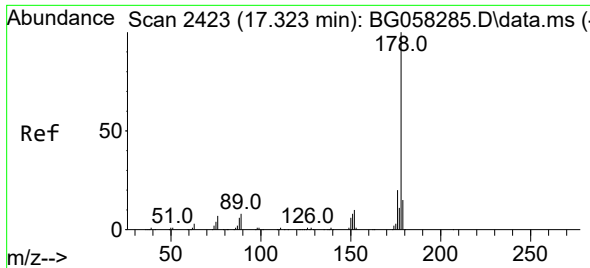
Ion Ratio Lower Upper

266 100

264 61.6 46.6 70.0

268 64.1 47.6 71.4

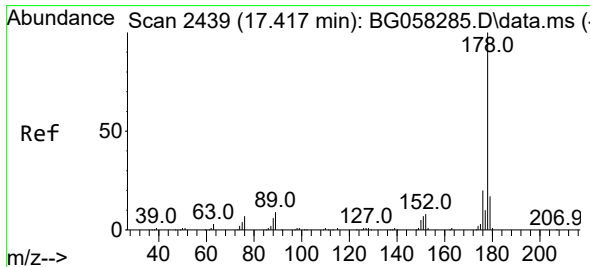
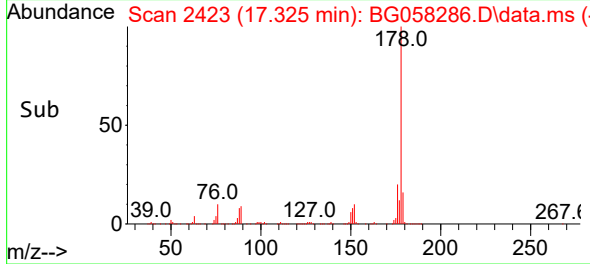
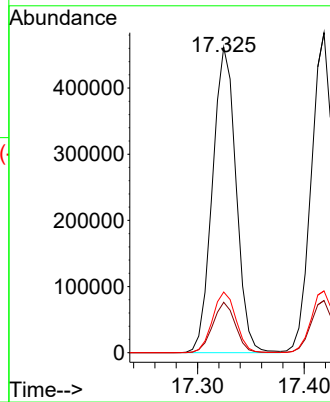
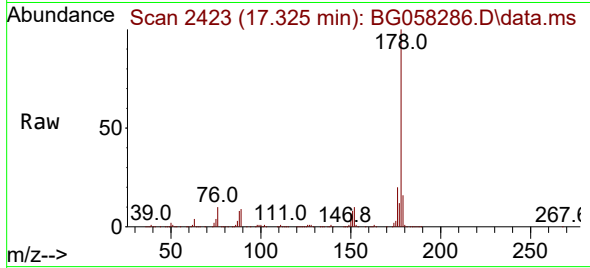




#72
Phenanthrene
Concen: 38.280 ng/ul
RT: 17.325 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

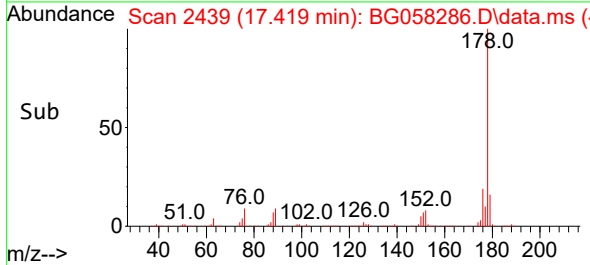
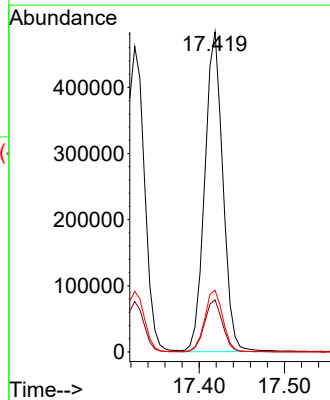
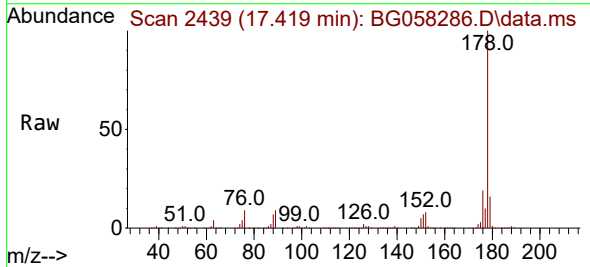
Instrument :
BNA_G
ClientSampleId :
SSTD040445

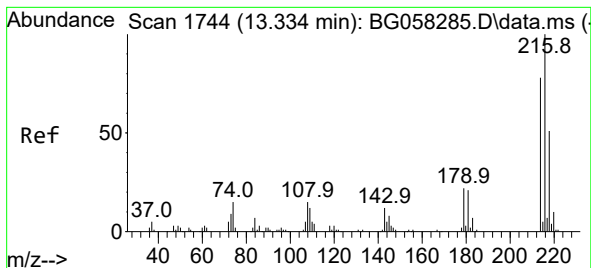
Tgt Ion:178 Resp: 709491
Ion Ratio Lower Upper
178 100
179 16.5 11.9 17.9
176 19.9 15.8 23.8



#74
Anthracene
Concen: 37.984 ng/ul
RT: 17.419 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:178 Resp: 712423
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.3 16.2 24.2

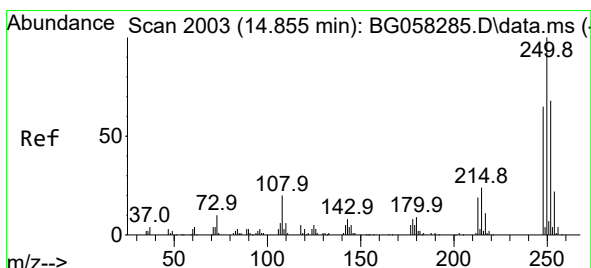
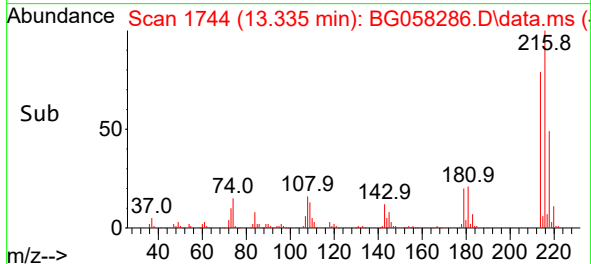
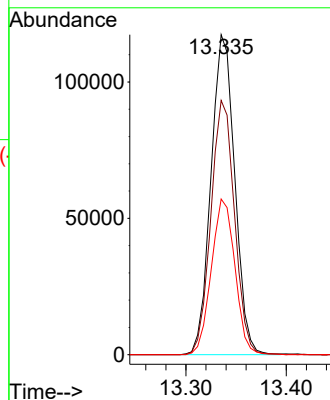
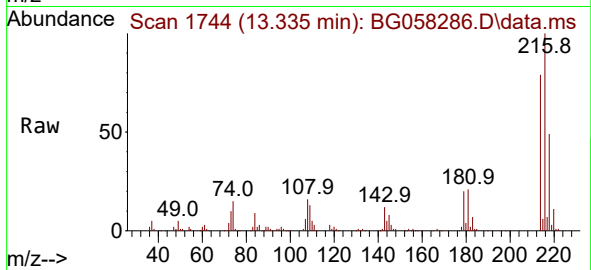




#75
1,2,3,4-Tetrachlorobenzene
Concen: 39.936 ng/uL
RT: 13.335 min Scan# 1744
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

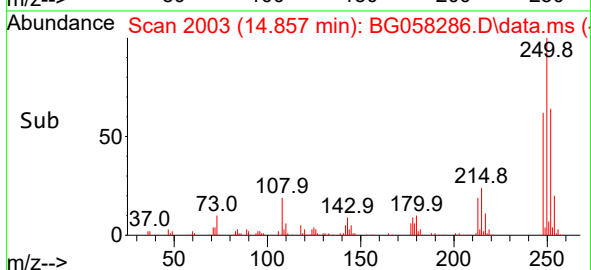
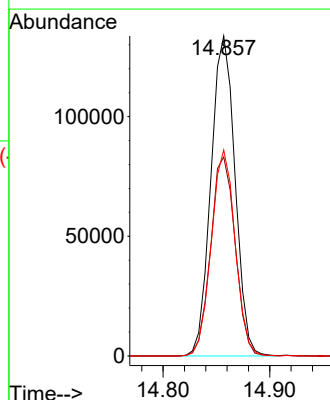
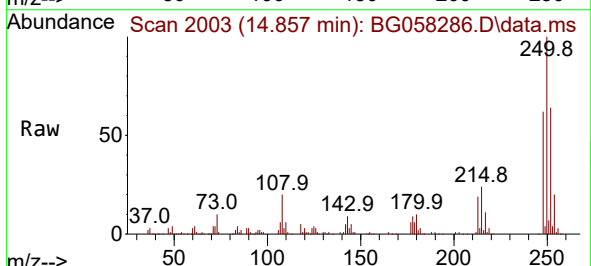
Instrument :
BNA_G
ClientSampleId :
SSTD040445

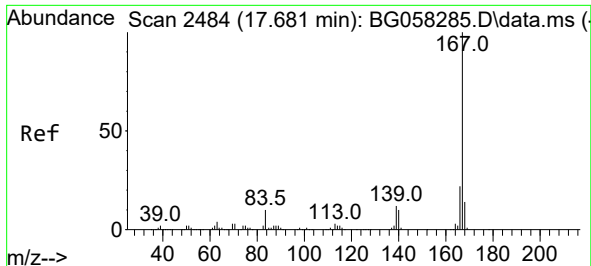
Tgt Ion:216 Resp: 192982
Ion Ratio Lower Upper
216 100
214 79.5 62.2 93.4
218 48.6 40.9 61.3



#76
Pentachlorobenzene
Concen: 40.631 ng/uL
RT: 14.857 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:250 Resp: 209695
Ion Ratio Lower Upper
250 100
248 62.2 51.6 77.4
252 64.4 54.4 81.6

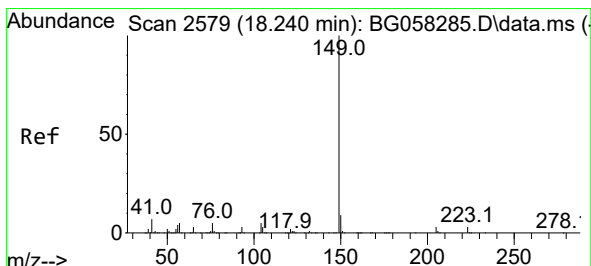
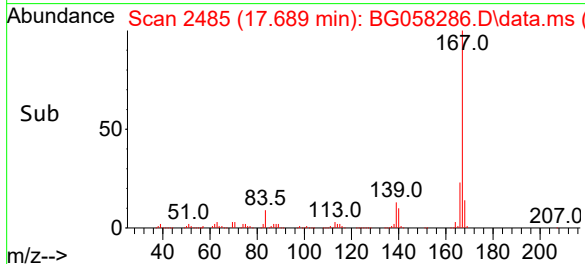
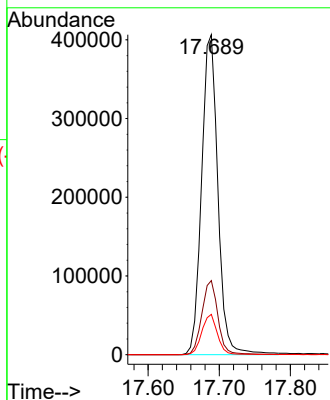
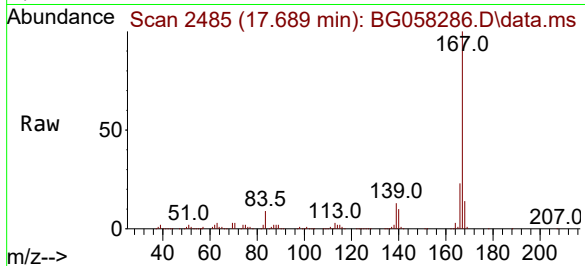




#77
 Carbazole
 Concen: 38.262 ng/ul
 RT: 17.689 min Scan# 2485
 Delta R.T. 0.007 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

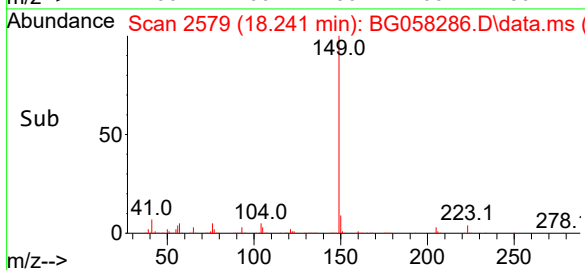
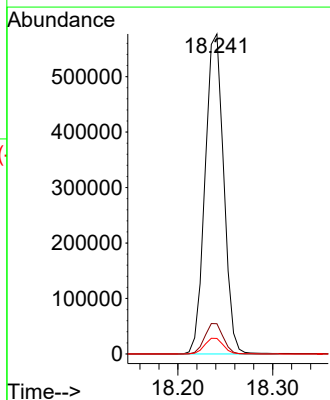
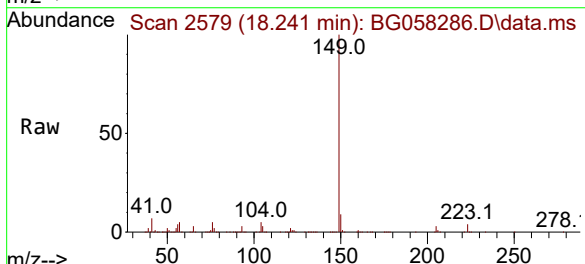
Instrument :
 BNA_G
 ClientSampleId :
 SSTD040445

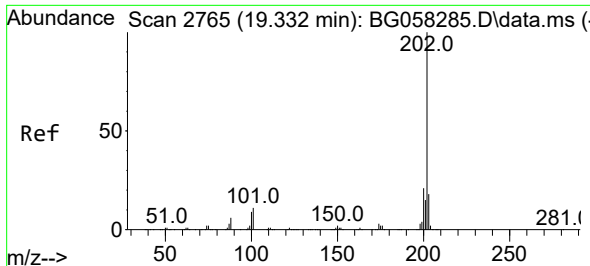
Tgt Ion:167 Resp: 649022
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.8 26.8
 139 12.6 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 36.323 ng/ul
 RT: 18.241 min Scan# 2579
 Delta R.T. 0.002 min
 Lab File: BG058286.D
 Acq: 17 Jul 2023 17:16

Tgt Ion:149 Resp: 784855
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 4.8 3.9 5.9

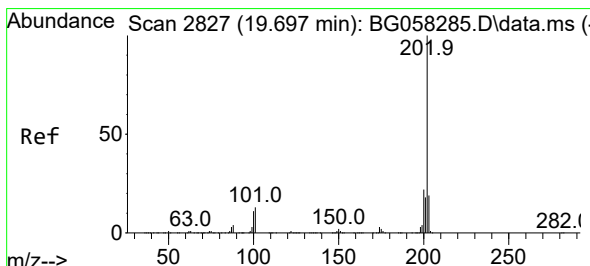
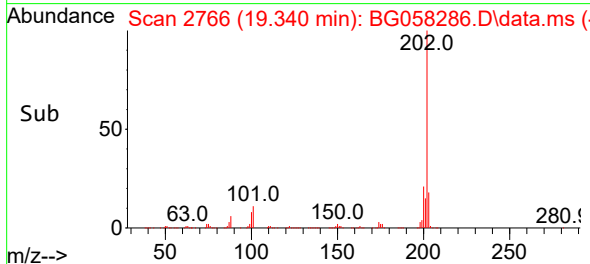
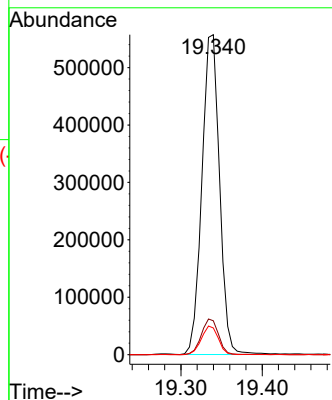
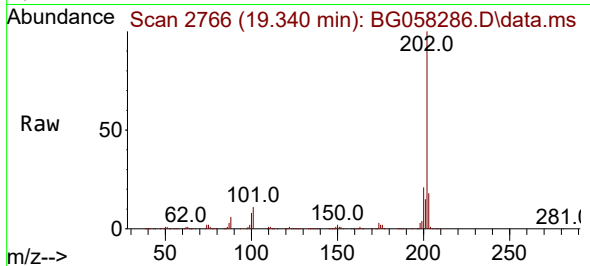




#80
Fluoranthene
Concen: 38.541 ng/ul
RT: 19.340 min Scan# 2765
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

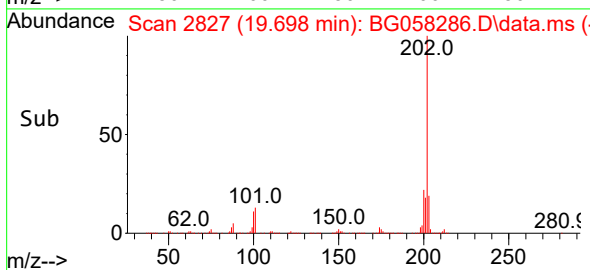
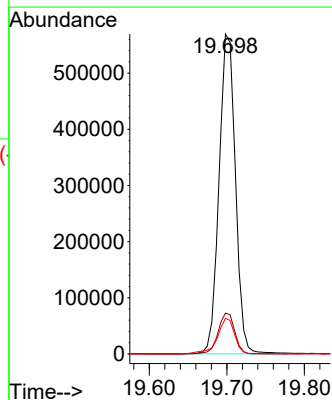
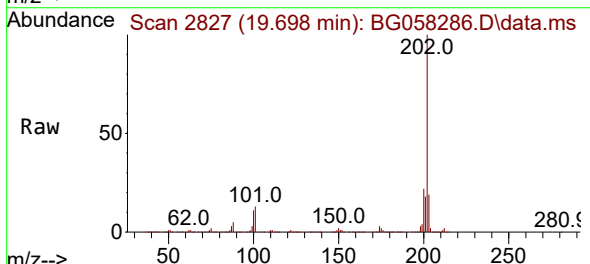
Instrument :
BNA_G
ClientSampleId :
SSTD040445

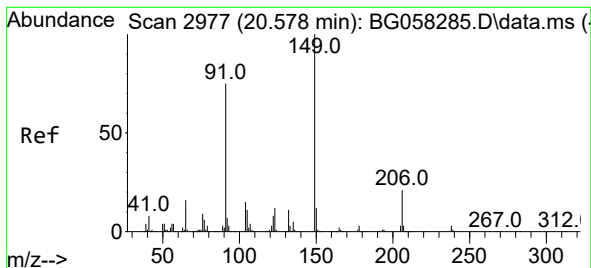
Tgt Ion:202 Resp: 839393
Ion Ratio Lower Upper
202 100
101 10.6 8.6 12.8
100 8.4 7.2 10.8



#82
Pyrene
Concen: 38.217 ng/ul
RT: 19.698 min Scan# 2827
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:202 Resp: 837841
Ion Ratio Lower Upper
202 100
101 12.8 10.2 15.2
100 11.2 8.9 13.3





#83

Butylbenzylphthalate

Concen: 38.656 ng/ul

RT: 20.580 min Scan# 2977

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

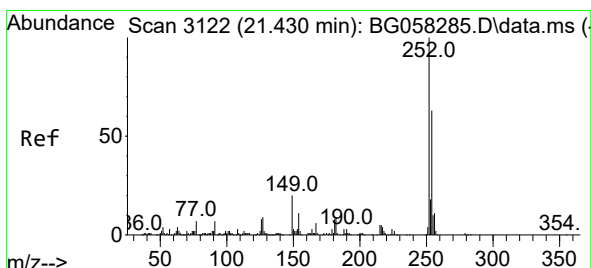
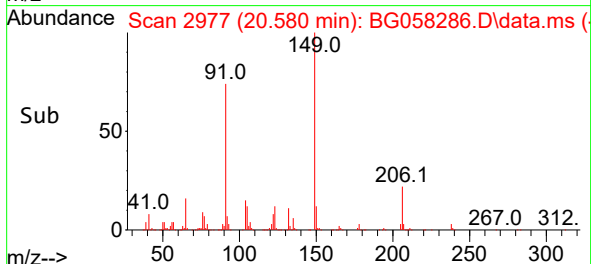
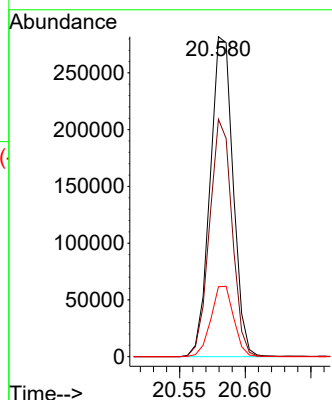
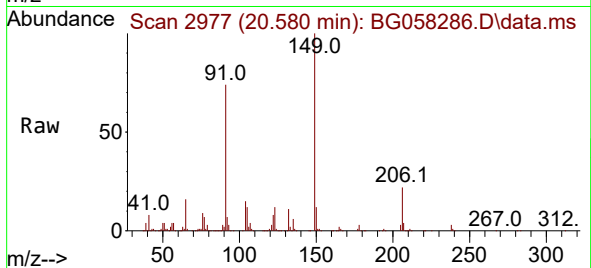
Tgt Ion:149 Resp: 343645

Ion Ratio Lower Upper

149 100

91 74.2 59.9 89.9

206 21.8 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 42.305 ng/ul

RT: 21.432 min Scan# 3122

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

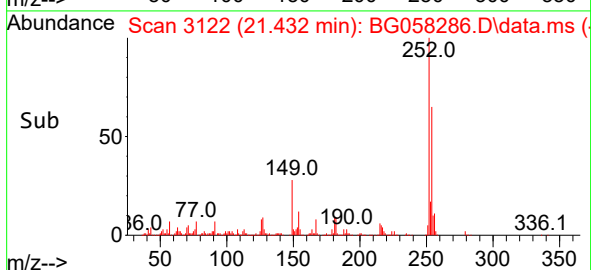
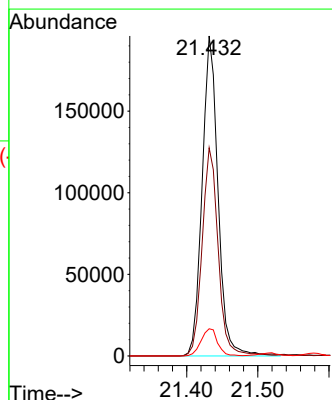
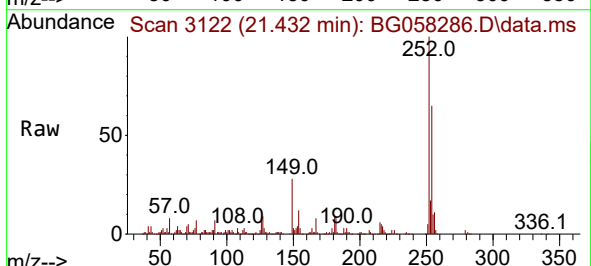
Tgt Ion:252 Resp: 305647

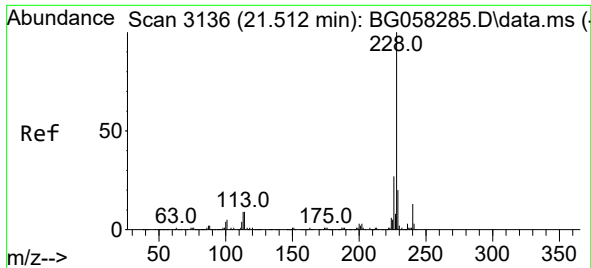
Ion Ratio Lower Upper

252 100

254 65.1 50.5 75.7

126 8.5 6.5 9.7

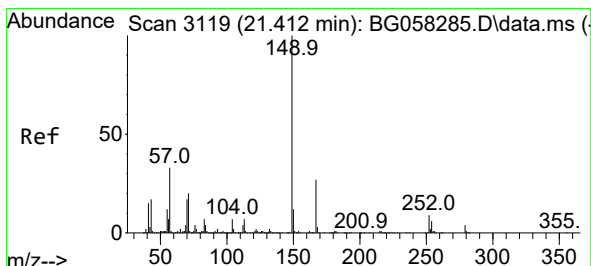
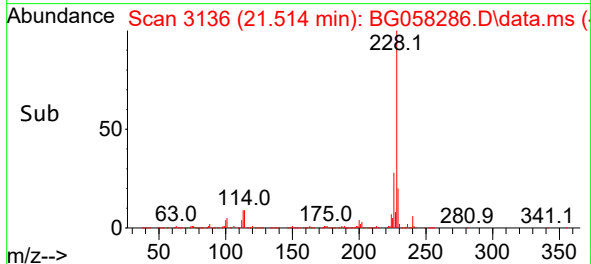
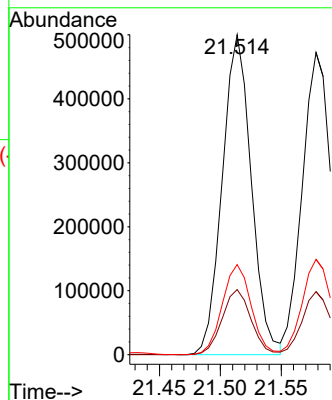
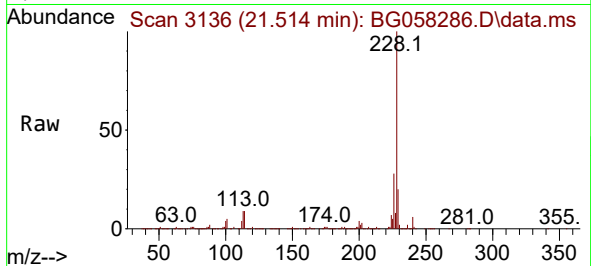




#85
Benzo(a)anthracene
Concen: 38.655 ng/ul
RT: 21.514 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

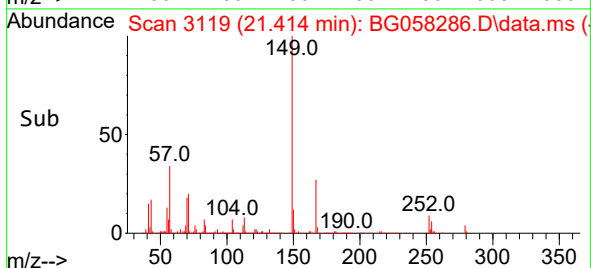
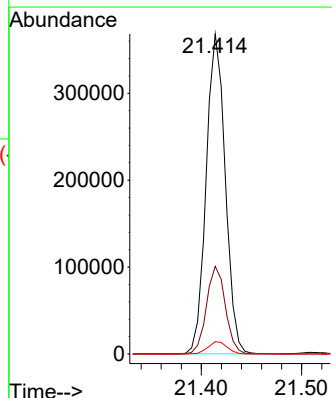
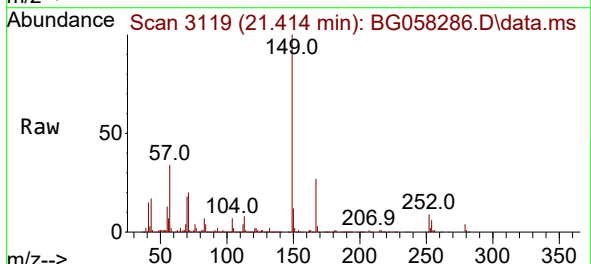
Instrument :
BNA_G
ClientSampleId :
SSTD040445

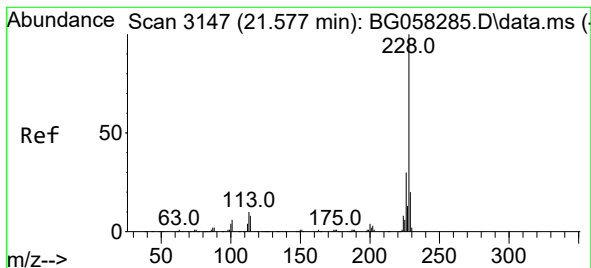
Tgt Ion:228 Resp: 828308
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.2 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.106 ng/ul
RT: 21.414 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:149 Resp: 485456
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 3.8 3.0 4.4





#87

Chrysene

Concen: 39.048 ng/ul

RT: 21.578 min Scan# 3147

Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD040445

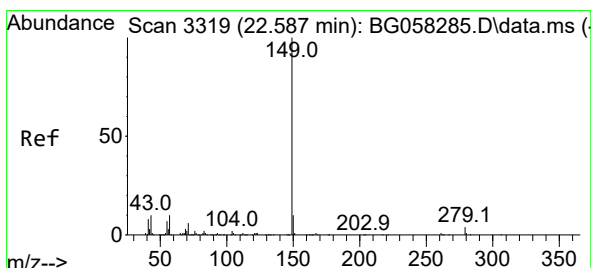
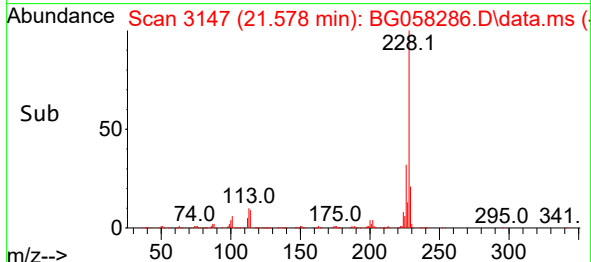
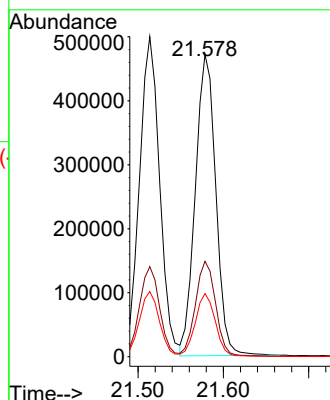
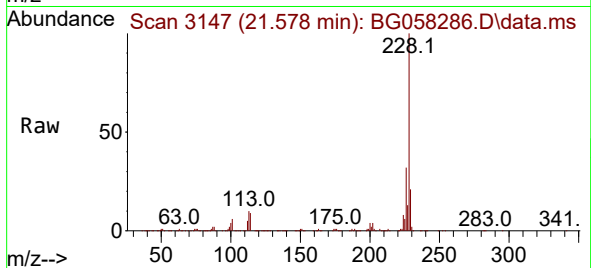
Tgt Ion:228 Resp: 784365

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

229 20.9 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 38.543 ng/ul

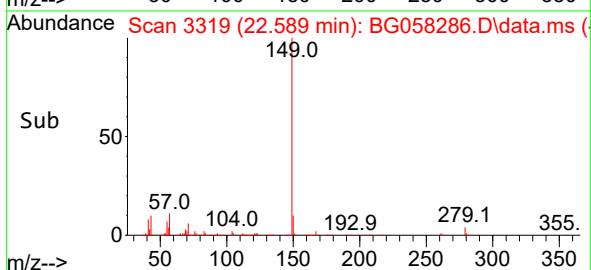
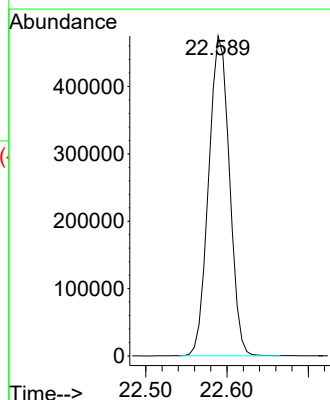
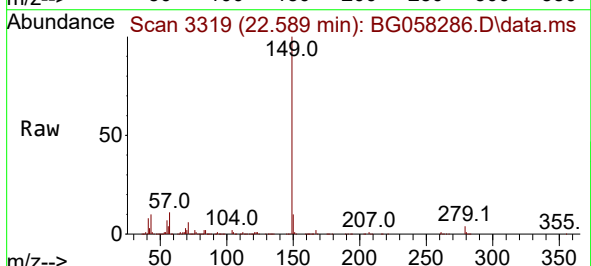
RT: 22.589 min Scan# 3319

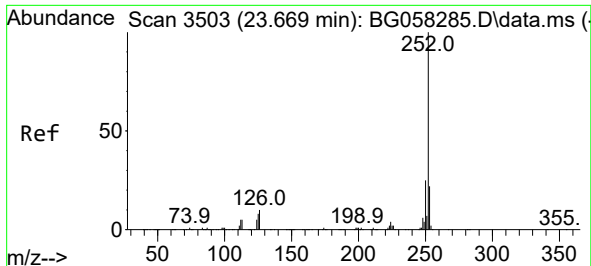
Delta R.T. 0.002 min

Lab File: BG058286.D

Acq: 17 Jul 2023 17:16

Tgt Ion:149 Resp: 842596

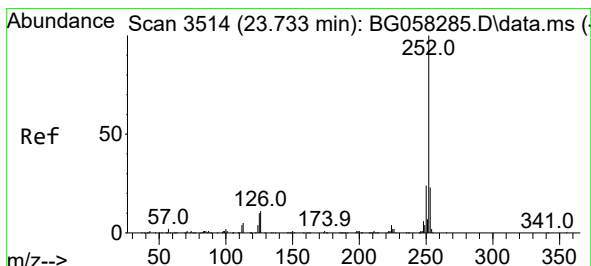
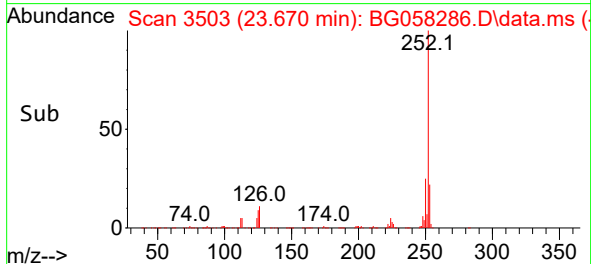
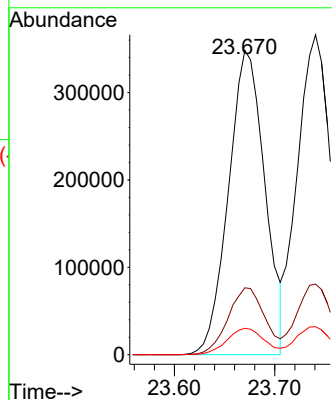
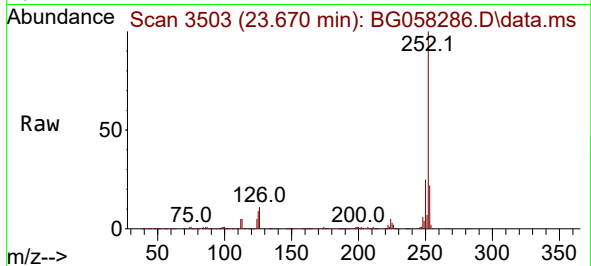




#90
Benzo(b)fluoranthene
Concen: 39.865 ng/ul
RT: 23.670 min Scan# 3503
Delta R.T. 0.002 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

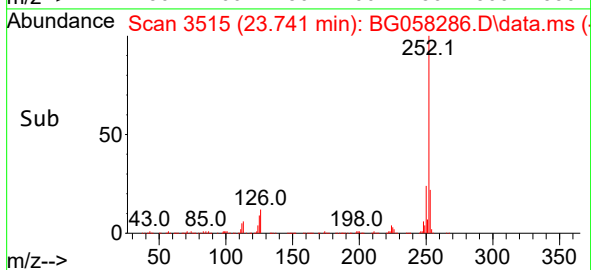
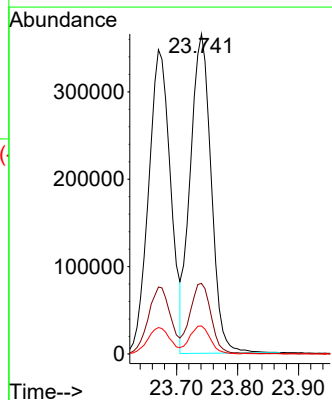
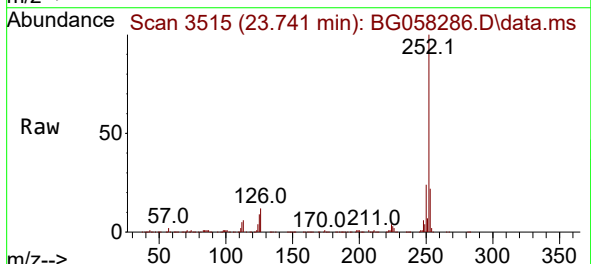
Instrument :
BNA_G
ClientSampleId :
SSTD040445

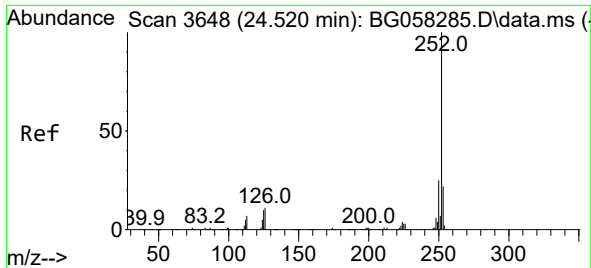
Tgt Ion:252 Resp: 878247
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.7 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 40.357 ng/ul
RT: 23.741 min Scan# 3515
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:252 Resp: 871452
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 8.8 7.4 11.0

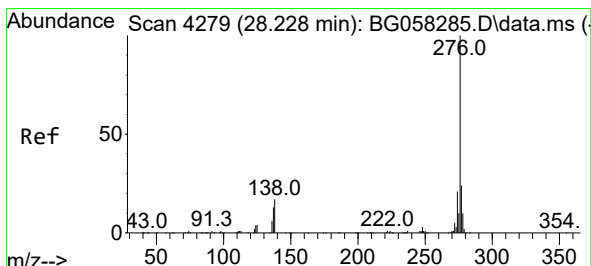
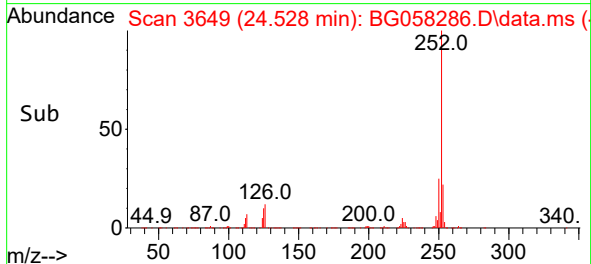
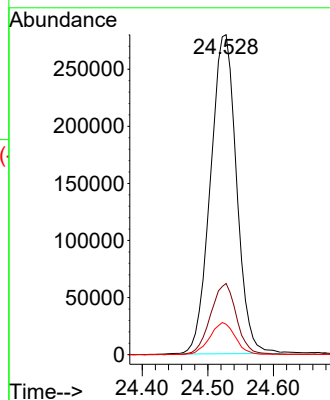
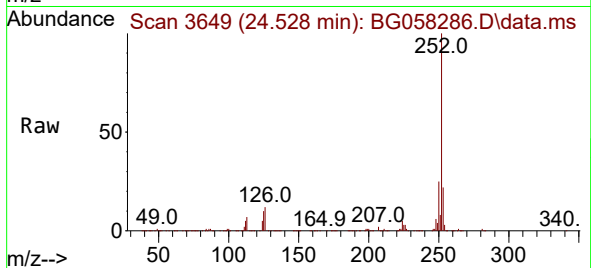




#93
Benzo(a)pyrene
Concen: 39.573 ng/ul
RT: 24.528 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

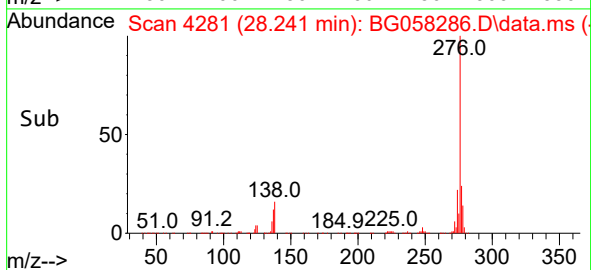
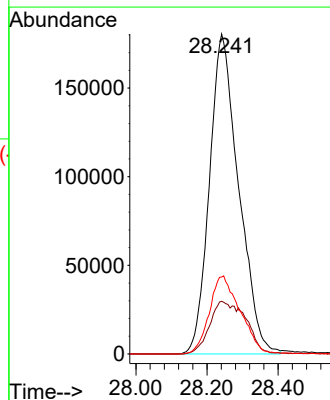
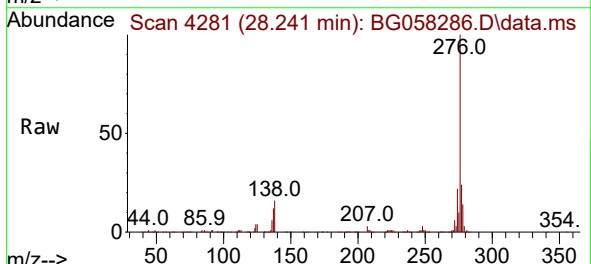
Instrument :
BNA_G
ClientSampleId :
SSTD040445

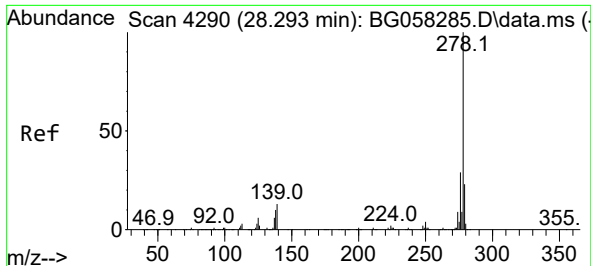
Tgt Ion:252 Resp: 771631
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.5 7.7 11.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 39.720 ng/ul
RT: 28.241 min Scan# 4281
Delta R.T. 0.013 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:276 Resp: 1028481
Ion Ratio Lower Upper
276 100
138 16.5 13.8 20.6
277 24.0 19.2 28.8

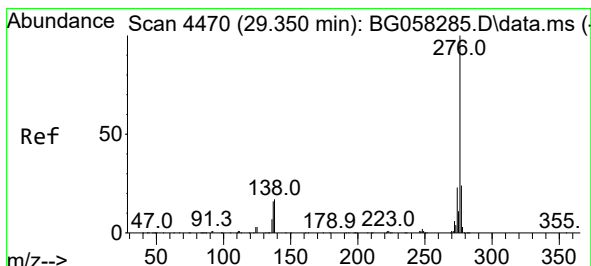
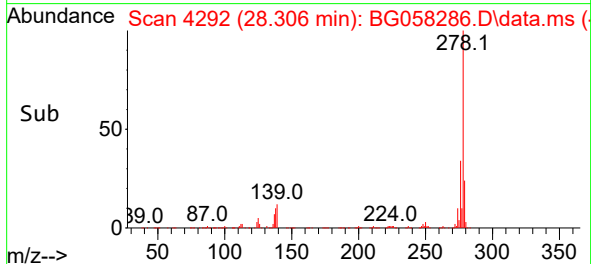
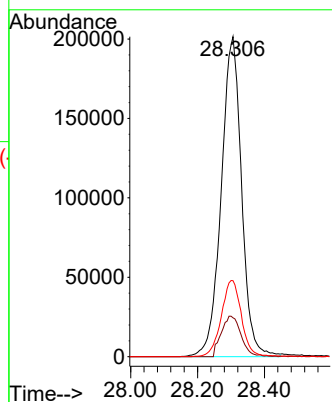
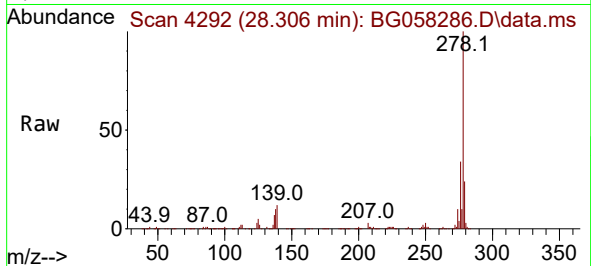




#95
Dibenzo(a,h)anthracene
Concen: 39.856 ng/ul
RT: 28.306 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Instrument :
BNA_G
ClientSampleId :
SSTD040445

Tgt Ion:278 Resp: 851000
Ion Ratio Lower Upper
278 100
139 12.2 10.4 15.6
279 23.8 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 39.938 ng/ul
RT: 29.363 min Scan# 4472
Delta R.T. 0.013 min
Lab File: BG058286.D
Acq: 17 Jul 2023 17:16

Tgt Ion:276 Resp: 844651
Ion Ratio Lower Upper
276 100
138 18.6 13.5 20.3
277 24.9 19.4 29.2

