

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
 Data File : BG058287.D
 Acq On : 17 Jul 2023 17:58
 Operator : CG/JU
 Sample : SST08096
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080446

Quant Time: Jul 18 01:31:41 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	7.899	152	50500	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	229017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.538	164	167495	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	398942	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	318680	20.000	ng/ul	0.01
88) Perylene-d12	24.673	264	387413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	44215	30.659	ng/uL	0.00
4) Pyridine-d5	3.751	84	345519	78.916	ng/ul	0.00
7) Phenol-d5	7.071	99	402874	78.117	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	242465	78.014	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	276762	77.808	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	305589	78.528	ng/ul	0.01
21) Nitrobenzene-d5	9.068	128	151725	81.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.785	143	168850	86.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	310751	82.573	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	430299	75.415	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	989965	74.909	ng/ul	0.01
49) Acenaphthylene-d8	14.239	160	1066749	73.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	175668	75.237	ng/ul	0.02
60) Fluorene-d10	15.531	176	835029	74.400	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	186238	85.972	ng/ul	0.02
73) Anthracene-d10	17.388	188	1311501	70.846	ng/ul	0.00
81) Pyrene-d10	19.679	212	1478718	73.676	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.474	264	1570055	79.546	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	51511	28.912	ng/uL	98
5) Pyridine	3.769	79	355106	79.159	ng/ul	98
6) Benzaldehyde	7.041	77	178916	103.880	ng/ul	97
8) Phenol	7.100	94	413232	78.959	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.323	93	309482	76.587	ng/ul	97
12) 2-Chlorophenol	7.470	128	287692	77.724	ng/ul	97
13) 2-Methylphenol	8.346	108	323465	78.698	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	495031	79.583	ng/ul	97
16) Acetophenone	8.727	105	496974	76.974	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.722	70	268182	77.700	ng/ul	95
18) 4-Methylphenol	8.686	108	349669	78.677	ng/ul	99
19) Hexachloroethane	8.980	117	110432	77.825	ng/ul	90
22) Nitrobenzene	9.109	77	383128	79.067	ng/ul	100
23) Isophorone	9.638	82	829439	80.219	ng/ul	100
25) 2-Nitrophenol	9.820	139	174948	83.109	ng/ul	98
26) 2,4-Dimethylphenol	9.879	107	366578	77.442	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.114	93	445761	76.506	ng/ul	97
29) 2,4-Dichlorophenol	10.355	162	292135	79.839	ng/ul	95
30) Naphthalene	10.755	128	964500	74.940	ng/ul	100
32) 4-Chloroaniline	10.872	127	436928	74.891	ng/ul	99
33) Hexachlorobutadiene	11.037	225	205065	79.162	ng/ul	98
34) Caprolactam	11.659	113	59200	40.242	ng/ul	97
35) 4-Chloro-3-methylphenol	12.000	107	376166	83.690	ng/ul	96
36) 2-Methylnaphthalene	12.364	142	659772	76.047	ng/ul	100

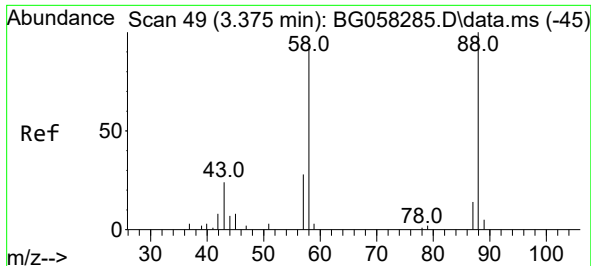
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.588	142	659721	75.829	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.735	216	387028	75.824	ng/ul	99
40) Hexachlorocyclopentadiene	12.711	237	247012	76.829	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	283461	81.937	ng/ul	99
42) 2,4,5-Trichlorophenol	13.052	196	302995	80.984	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	865995	71.745	ng/ul	97
44) 2-Chloronaphthalene	13.422	162	708715	73.159	ng/ul	96
45) 2-Nitroaniline	13.628	65	281659	83.625	ng/ul	99
47) Dimethylphthalate	13.998	163	974597	73.403	ng/ul#	98
48) 2,6-Dinitrotoluene	14.127	165	224327	82.311	ng/ul	95
50) Acenaphthylene	14.268	152	1116679	71.705	ng/ul	99
51) 3-Nitroaniline	14.456	138	194882	84.616	ng/ul	93
52) Acenaphthene	14.609	153	789619	73.891	ng/ul	99
53) 2,4-Dinitrophenol	14.662	184	133055	93.646	ng/ul	96
55) 4-Nitrophenol	14.773	109	135809	78.517	ng/ul	97
56) Dibenzofuran	14.944	168	1098782	72.332	ng/ul	98
57) 2,4-Dinitrotoluene	14.914	165	309590	80.177	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.167	232	279205	81.975	ng/ul#	98
59) Diethylphthalate	15.361	149	1003110	72.386	ng/ul	99
61) Fluorene	15.590	166	871159	69.894	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.578	204	480956	72.927	ng/ul	99
63) 4-Nitroaniline	15.625	138	186868	90.572	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.678	198	190618	86.045	ng/ul	97
67) N-Nitrosodiphenylamine	15.796	169	781198	73.579	ng/ul	98
68) 4-Bromophenyl-phenylether	16.471	248	349371	79.781	ng/ul	96
69) Hexachlorobenzene	16.595	284	385401	78.607	ng/ul	99
70) Atrazine	16.747	200	311907	71.841	ng/ul	96
71) Pentachlorophenol	16.936	266	242344	82.333	ng/ul	95
72) Phenanthrene	17.329	178	1418536	69.903	ng/ul	96
74) Anthracene	17.423	178	1400027	68.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	416015	78.628	ng/ul	97
76) Pentachlorobenzene	14.861	250	452892	80.148	ng/ul	95
77) Carbazole	17.693	167	1316562	70.888	ng/ul	97
78) Di-n-butylphthalate	18.240	149	1589131	67.171	ng/ul	97
80) Fluoranthene	19.339	202	1666779	71.669	ng/ul	98
82) Pyrene	19.709	202	1620855	69.237	ng/ul	99
83) Butylbenzylphthalate	20.584	149	726246	76.503	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.436	252	594534	77.062	ng/ul	96
85) Benzo(a)anthracene	21.518	228	1710459	74.752	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.418	149	988981	72.699	ng/ul	97
87) Chrysene	21.589	228	1619158	75.485	ng/ul	95
89) Di-n-octyl phthalate	22.594	149	1753601	73.670	ng/ul	100
90) Benzo(b)fluoranthene	23.686	252	1858773	77.489	ng/ul	99
91) Benzo(k)fluoranthene	23.751	252	1779714	75.694	ng/ul	99
93) Benzo(a)pyrene	24.544	252	1636261	77.067	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.263	276	2246049	79.665	ng/ul	98
95) Dibenzo(a,h)anthracene	28.328	278	1835850	78.966	ng/ul	98
96) Benzo(g,h,i)perylene	29.409	276	1863162	80.907	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane

Concen: 28.912 ng/uL

RT: 3.375 min Scan# 49

Delta R.T. 0.000 min

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ClientSampleId :

SSTD080446

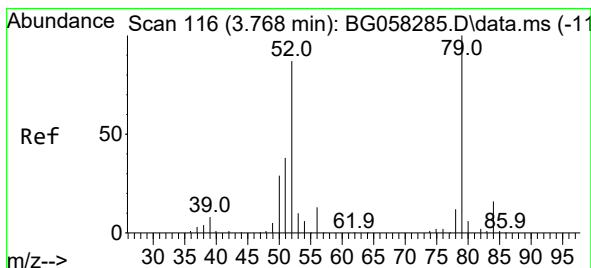
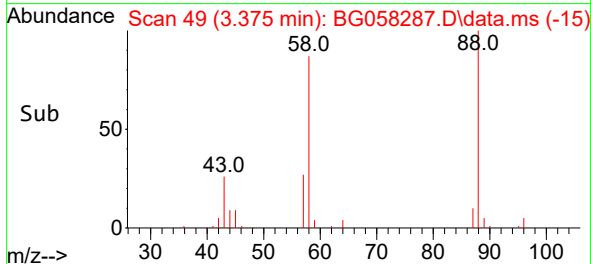
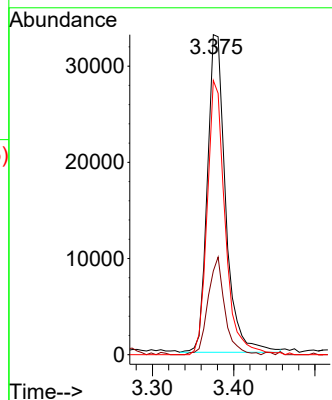
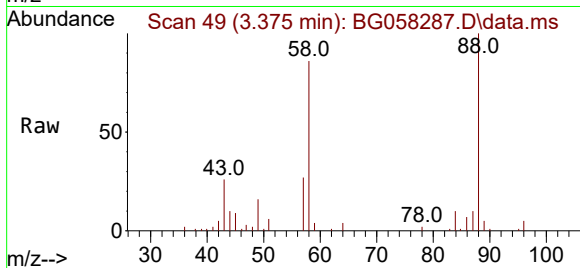
Tgt Ion: 88 Resp: 51511

Ion Ratio Lower Upper

88 100

43 26.1 19.6 29.4

58 85.7 70.2 105.4



#5

Pyridine

Concen: 79.159 ng/uL

RT: 3.769 min Scan# 116

Delta R.T. 0.000 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

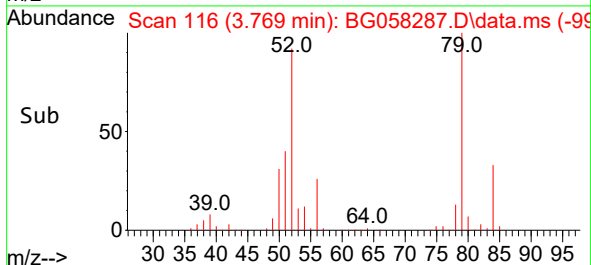
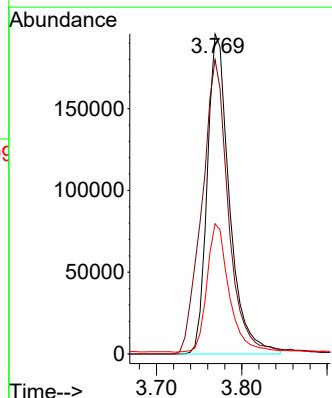
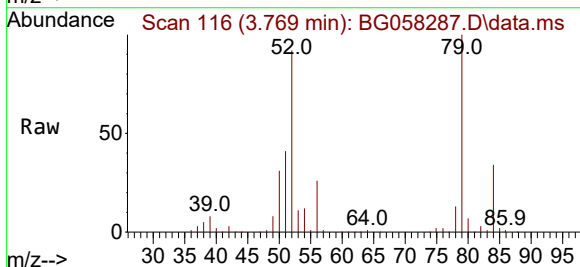
Tgt Ion: 79 Resp: 355106

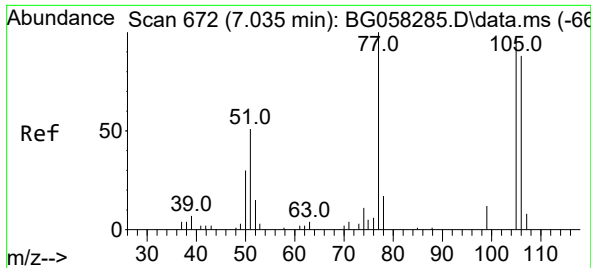
Ion Ratio Lower Upper

79 100

52 92.0 72.3 108.5

51 40.7 33.4 50.0

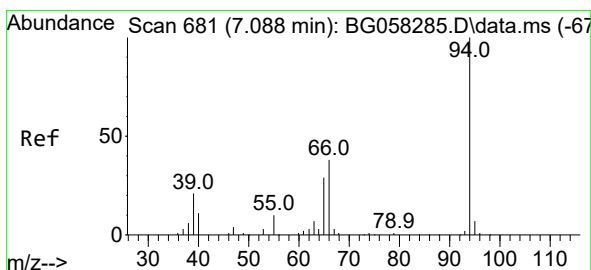
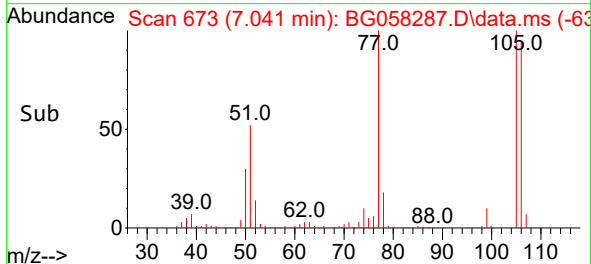
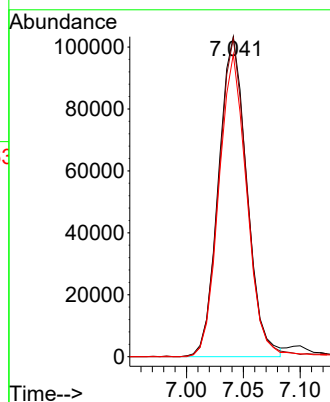
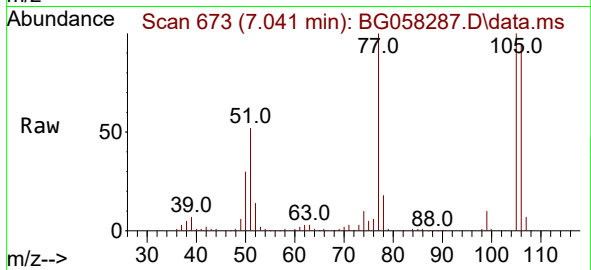




#6
Benzaldehyde
Concen: 103.880 ng/ul
RT: 7.041 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

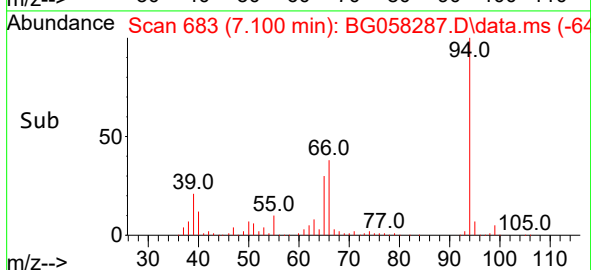
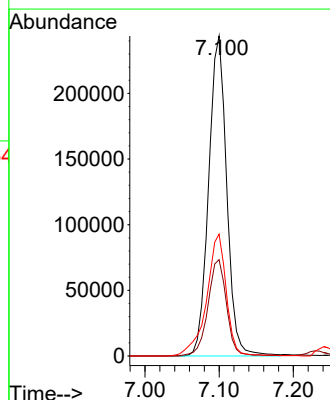
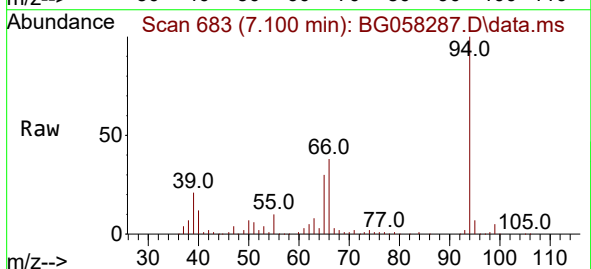
Instrument :
BNA_G
ClientSampleId :
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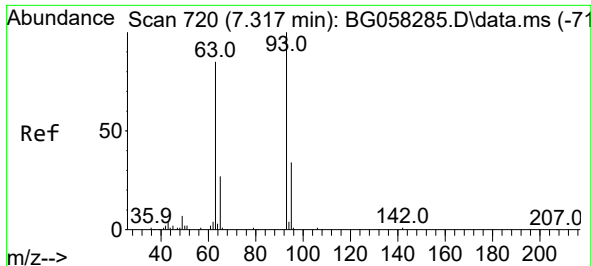
Tgt Ion: 77 Resp: 178916
Ion Ratio Lower Upper
77 100
105 99.6 78.2 117.4
106 94.5 71.6 107.4



#8
Phenol
Concen: 78.959 ng/ul
RT: 7.100 min Scan# 683
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion: 94 Resp: 413232
Ion Ratio Lower Upper
94 100
65 30.1 23.8 35.8
66 38.0 31.2 46.8

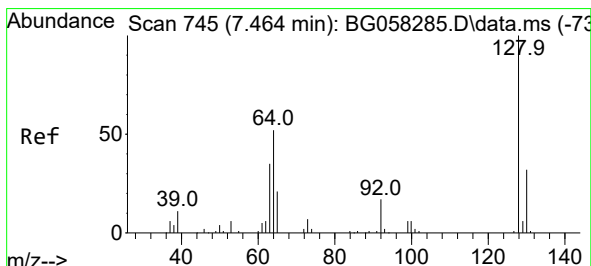
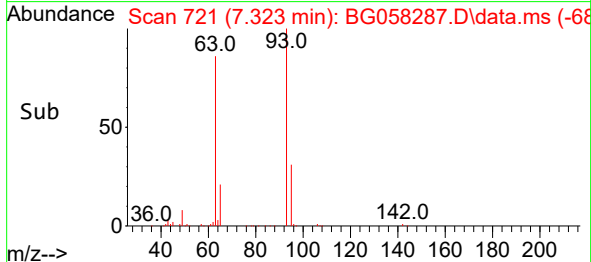
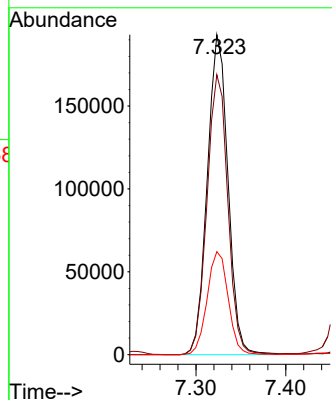
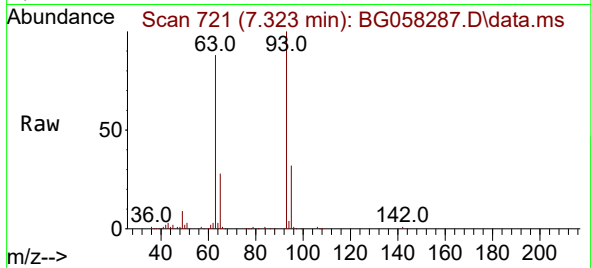




#10
Bis(2-Chloroethyl)ether
Concen: 76.587 ng/ul
RT: 7.323 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

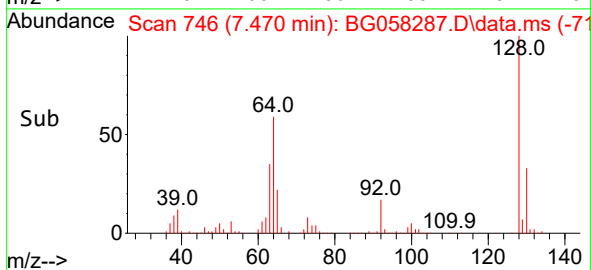
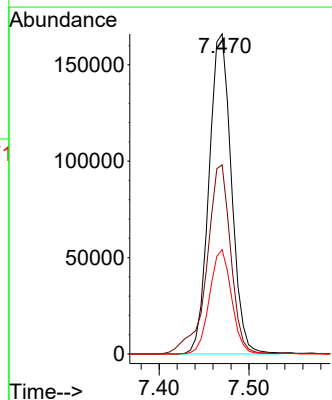
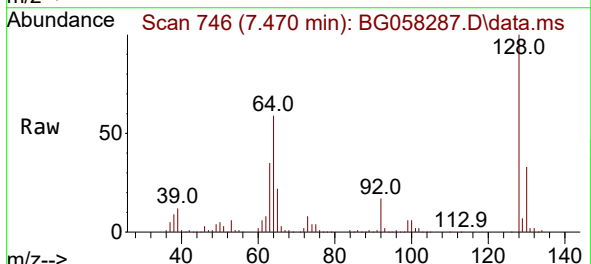
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ClientSampleId :
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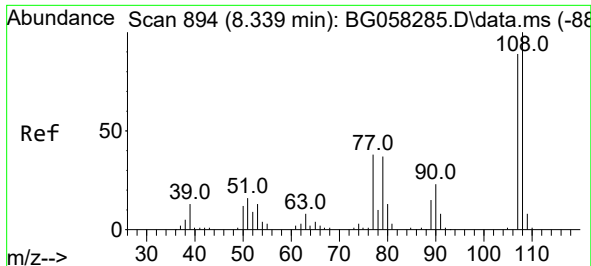
Tgt Ion: 93 Resp: 309482
Ion Ratio Lower Upper
93 100
63 87.5 67.7 101.5
95 32.2 27.0 40.6



#12
2-Chlorophenol
Concen: 77.724 ng/ul
RT: 7.470 min Scan# 746
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:128 Resp: 287692
Ion Ratio Lower Upper
128 100
64 59.1 45.6 68.4
130 32.6 25.2 37.8

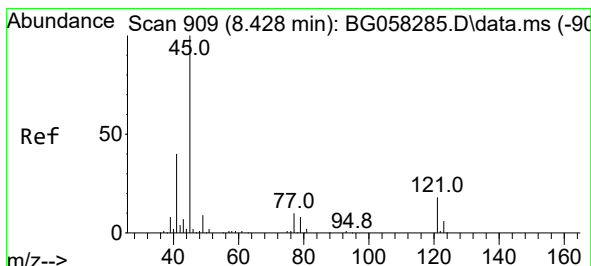
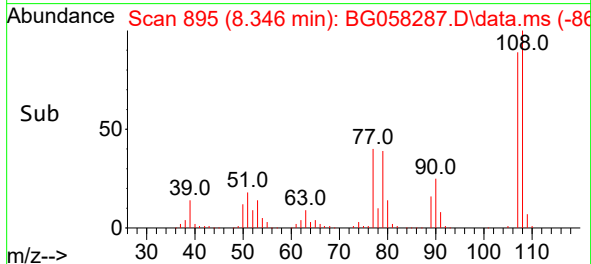
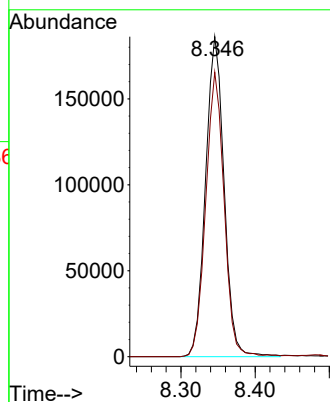
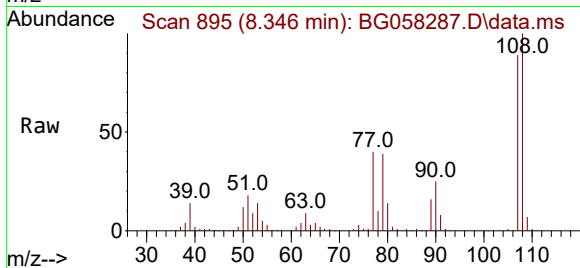




#13
2-Methylphenol
Concen: 78.698 ng/ul
RT: 8.346 min Scan# 894
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

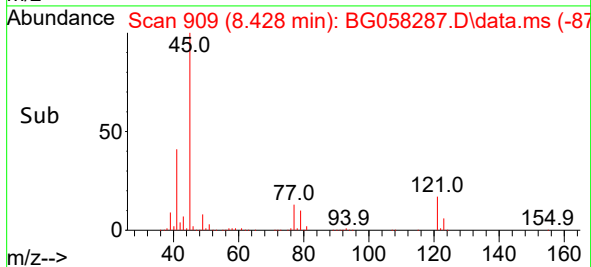
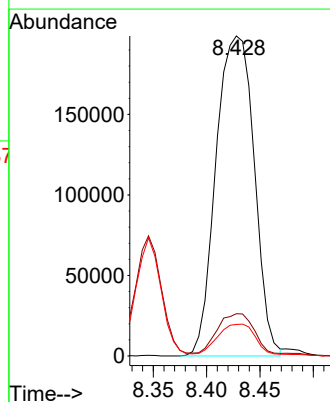
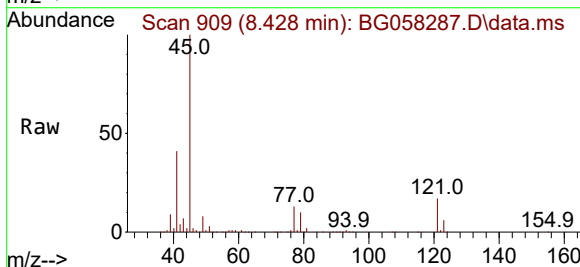
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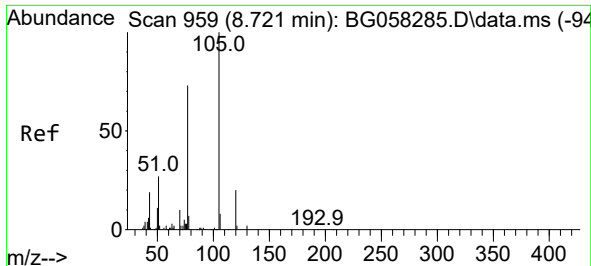
Tgt Ion:108 Resp: 323465
Ion Ratio Lower Upper
108 100
107 88.9 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 79.583 ng/ul
RT: 8.428 min Scan# 909
Delta R.T. 0.000 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion: 45 Resp: 495031
Ion Ratio Lower Upper
45 100
77 13.2 9.4 14.2
79 9.8 7.4 11.2

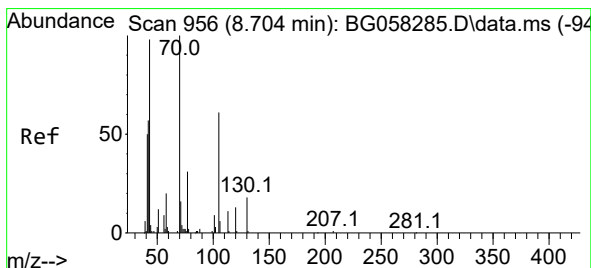
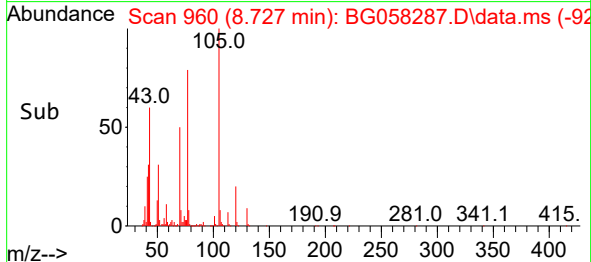
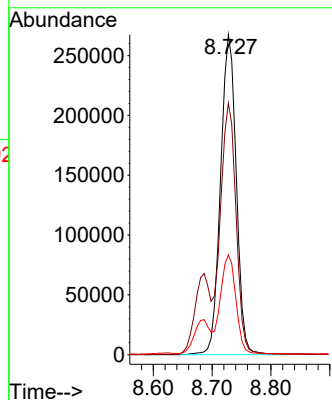
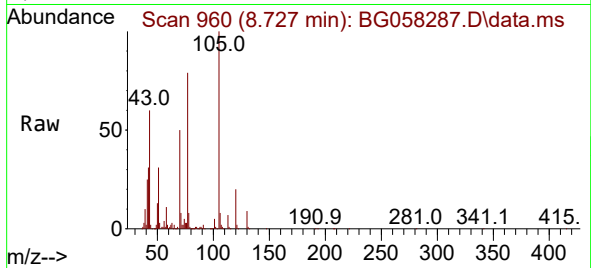




#16
Acetophenone
Concen: 76.974 ng/ul
RT: 8.727 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

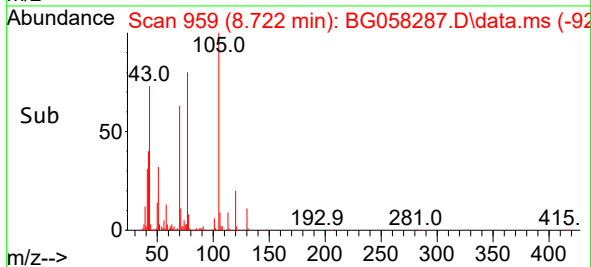
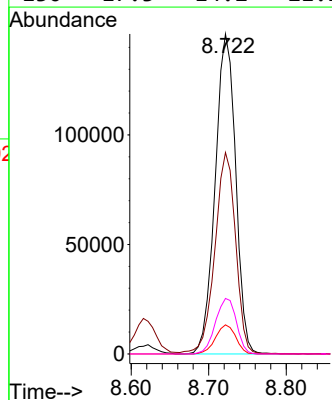
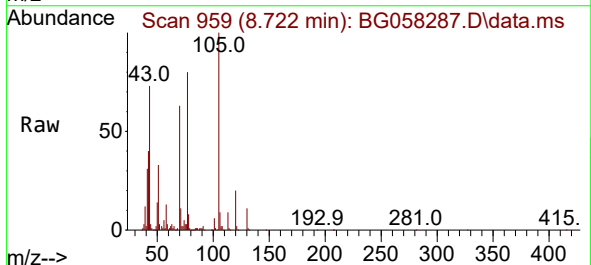
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ClientSampleId :
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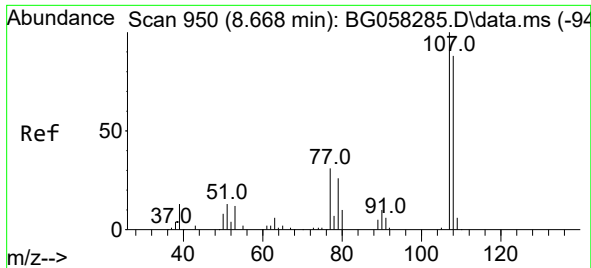
Tgt Ion:105 Resp: 496974
Ion Ratio Lower Upper
105 100
77 78.6 60.7 91.1
51 31.2 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 77.700 ng/ul
RT: 8.722 min Scan# 959
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion: 70 Resp: 268182
Ion Ratio Lower Upper
70 100
42 63.0 46.6 69.8
101 9.1 7.3 10.9
130 17.3 14.2 21.2

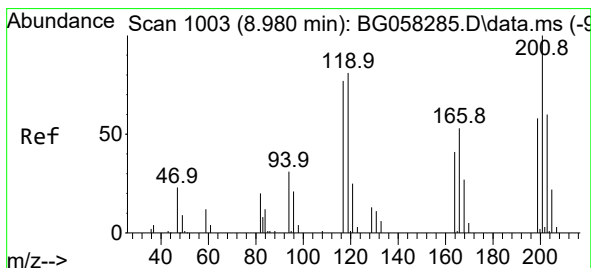
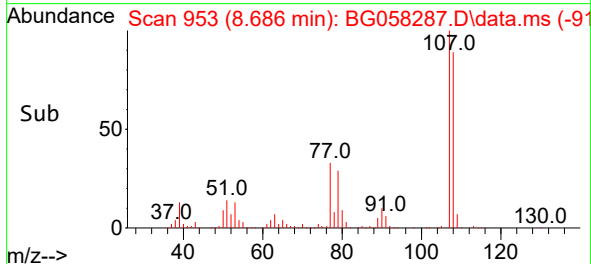
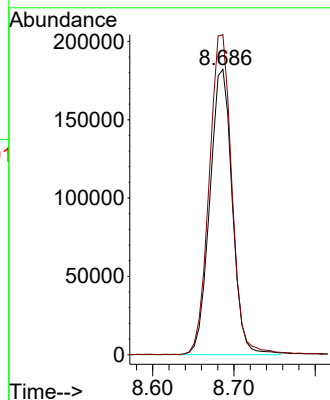
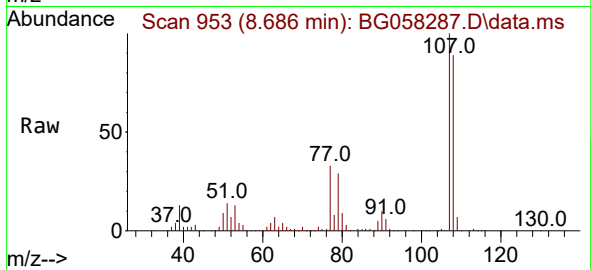




#18
4-Methylphenol
Concen: 78.677 ng/ul
RT: 8.686 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

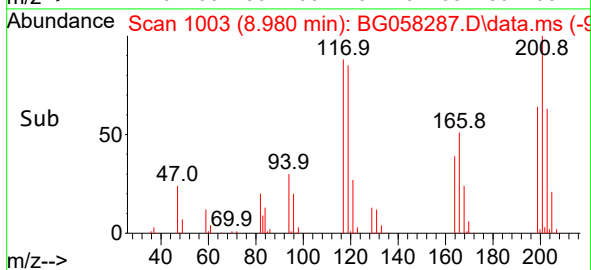
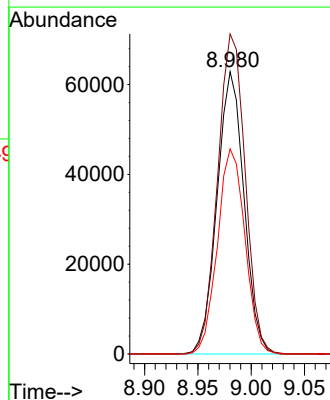
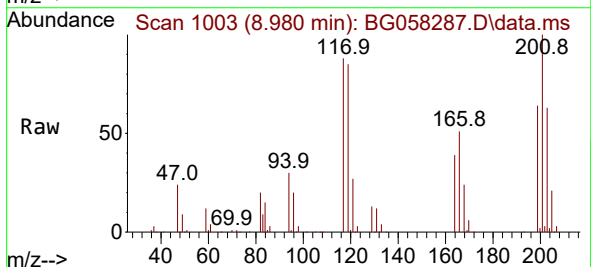
Instrument :
BNA_G
ClientSampleId :
SSTD080446

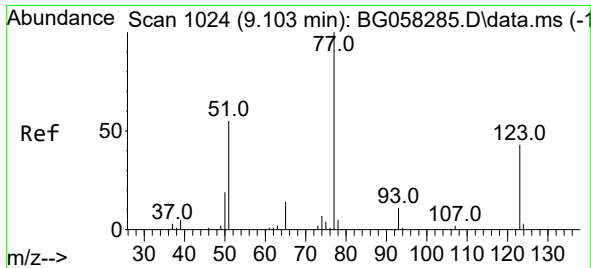
Tgt Ion:108 Resp: 349669
Ion Ratio Lower Upper
108 100
107 112.2 90.6 136.0



#19
Hexachloroethane
Concen: 77.825 ng/ul
RT: 8.980 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:117 Resp: 110432
Ion Ratio Lower Upper
117 100
201 113.4 103.6 155.4
199 72.7 60.1 90.1

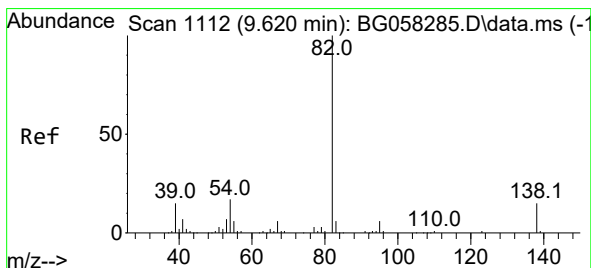
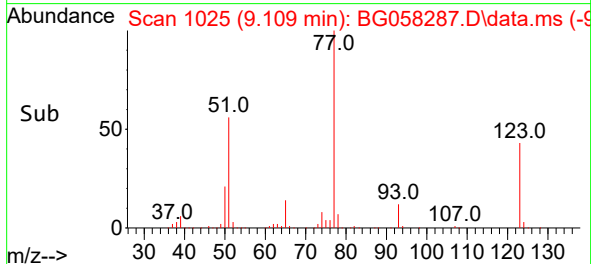
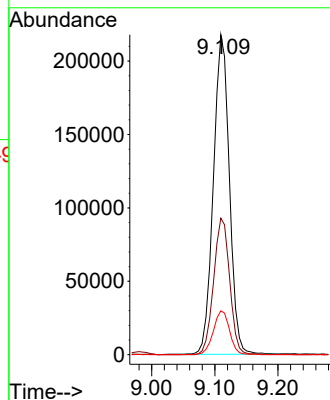
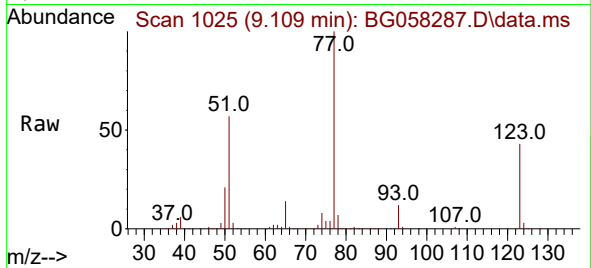




#22
Nitrobenzene
Concen: 79.067 ng/ul
RT: 9.109 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

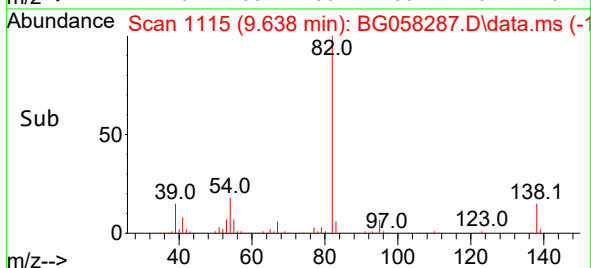
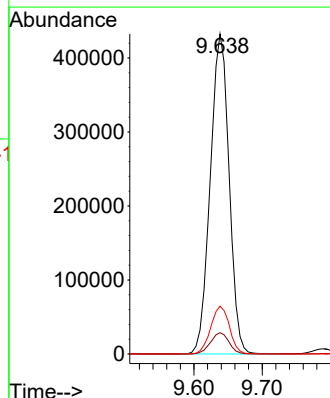
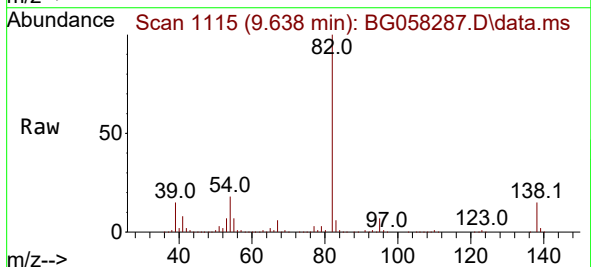
Instrument :
BNA_G
ClientSampleId :
SSTD080446

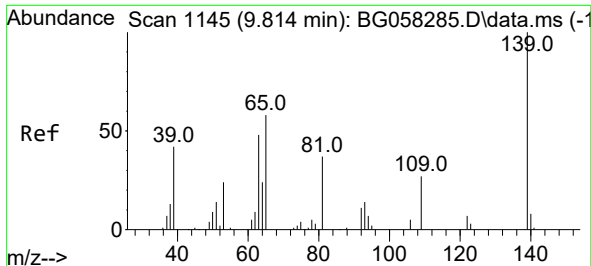
Tgt Ion: 77 Resp: 383128
Ion Ratio Lower Upper
77 100
123 42.6 34.0 51.0
65 13.7 11.0 16.6



#23
Isophorone
Concen: 80.219 ng/ul
RT: 9.638 min Scan# 1115
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion: 82 Resp: 829439
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.0 11.9 17.9

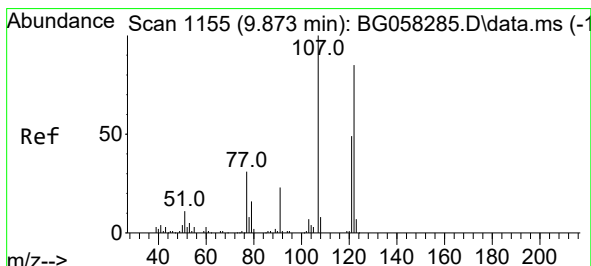
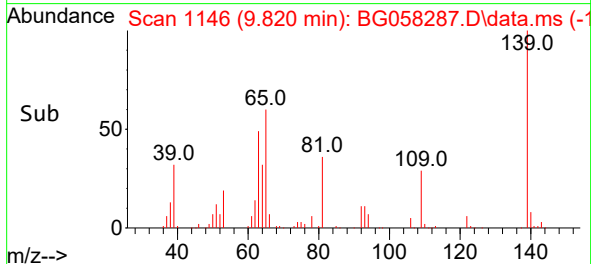
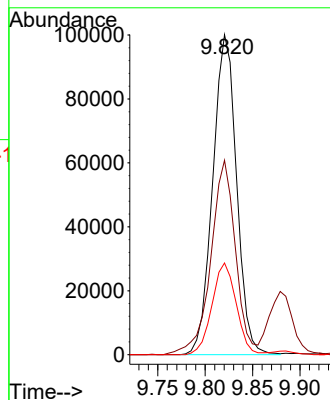
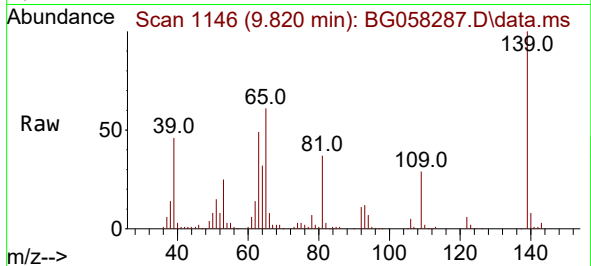




#25
2-Nitrophenol
Concen: 83.109 ng/ul
RT: 9.820 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

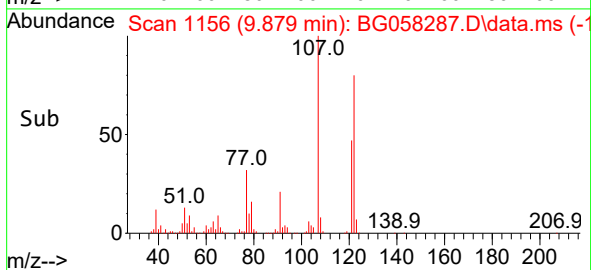
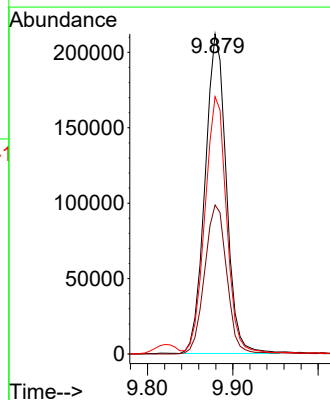
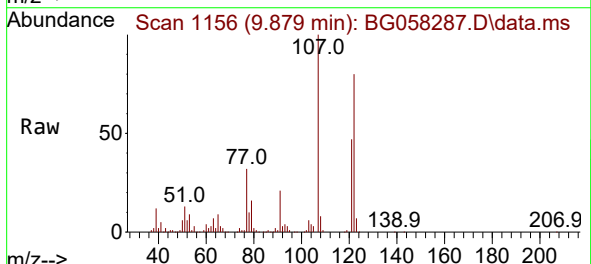
Instrument :
BNA_G
ClientSampleId :
SSTD080446

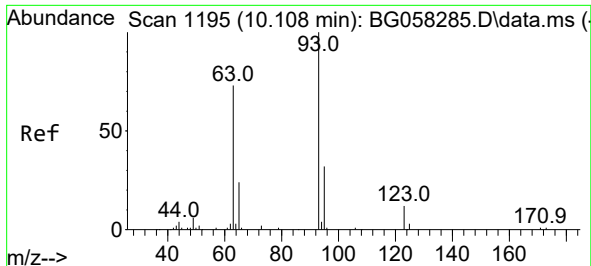
Tgt Ion:139 Resp: 174948
Ion Ratio Lower Upper
139 100
65 60.8 49.2 73.8
109 28.7 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 77.442 ng/ul
RT: 9.879 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:107 Resp: 366578
Ion Ratio Lower Upper
107 100
121 46.6 39.1 58.7
122 80.4 68.9 103.3

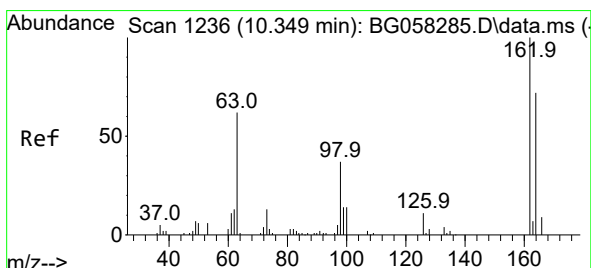
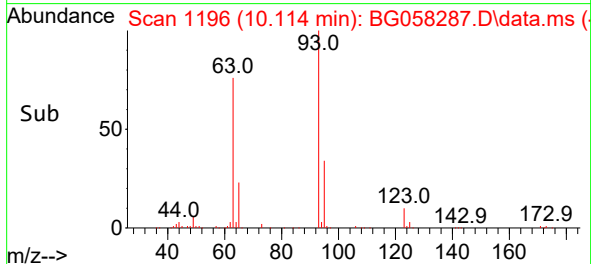
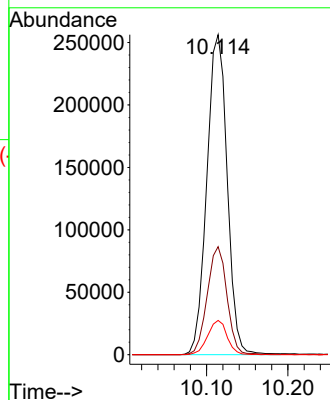
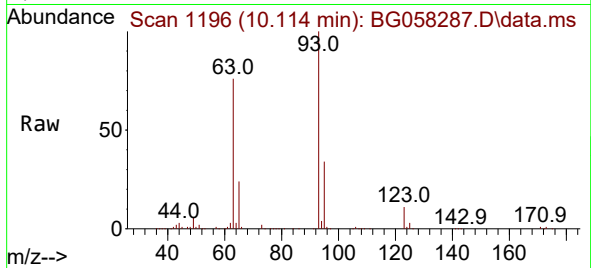




#27
 Bis(2-Chloroethoxy)methane
 Concen: 76.506 ng/ul
 RT: 10.114 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: BG058287.D
 Acq: 17 Jul 2023 17:58

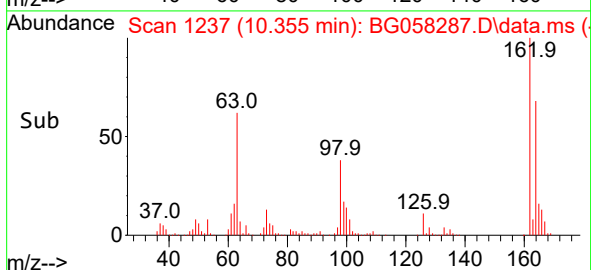
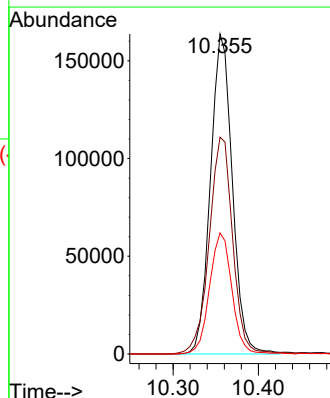
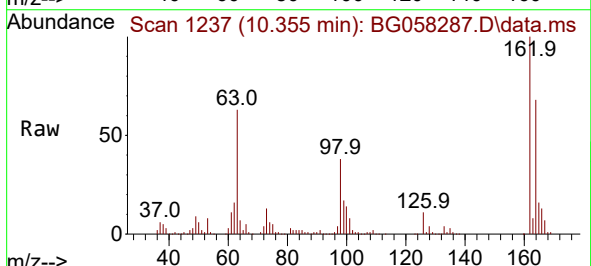
Instrument :
 BNA_G
 ClientSampleId :
 SSTD080446

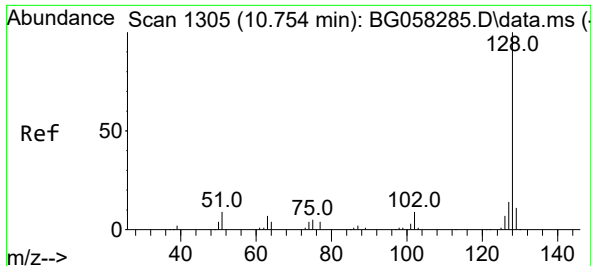
Tgt Ion: 93 Resp: 445761
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.8 38.8
 123 10.7 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 79.839 ng/ul
 RT: 10.355 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: BG058287.D
 Acq: 17 Jul 2023 17:58

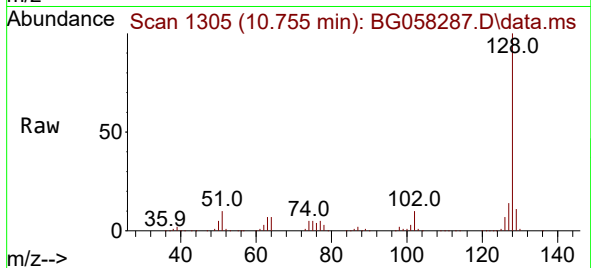
Tgt Ion:162 Resp: 292135
 Ion Ratio Lower Upper
 162 100
 164 67.7 58.4 87.6
 98 37.8 29.6 44.4



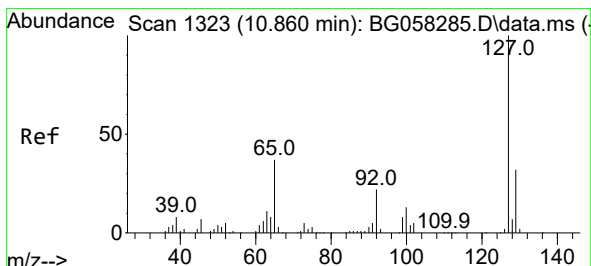
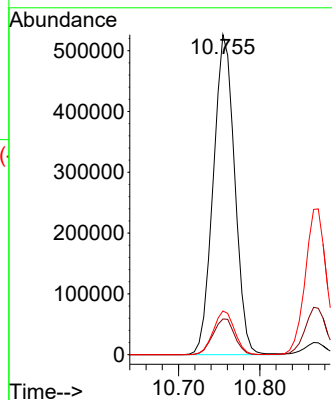
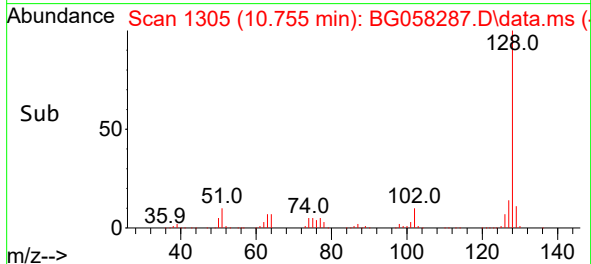


#30
Naphthalene
Concen: 74.940 ng/ul
RT: 10.755 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Instrument :
BNA_G
ClientSampleId :
SSTD080446

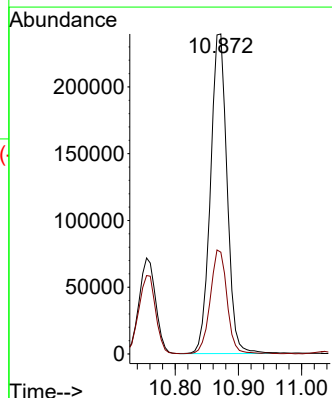
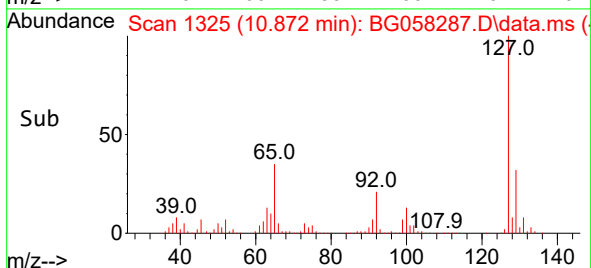
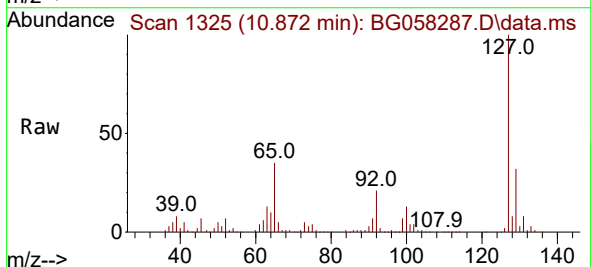


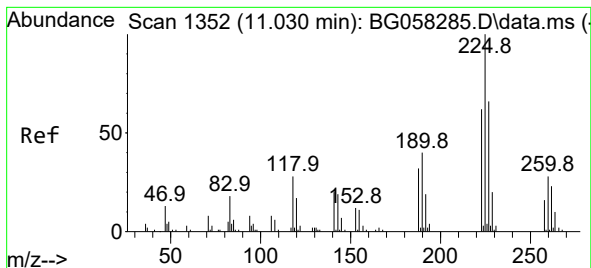
Tgt Ion:128 Resp: 964500
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.8 16.2



#32
4-Chloroaniline
Concen: 74.891 ng/ul
RT: 10.872 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:127 Resp: 436928
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1





#33

Hexachlorobutadiene

Concen: 79.162 ng/ul

RT: 11.037 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

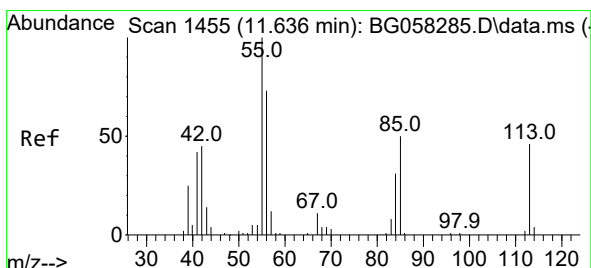
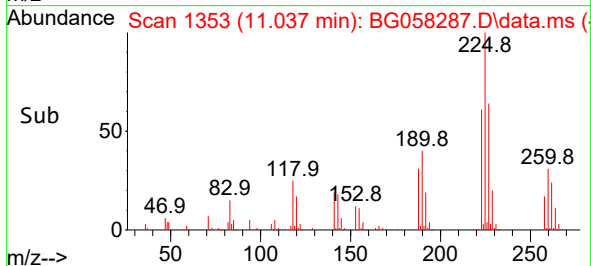
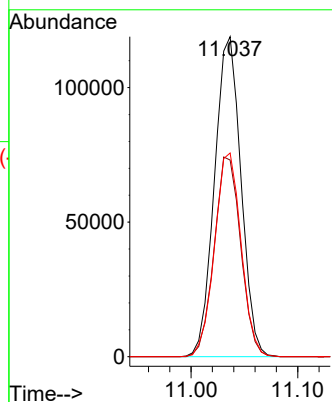
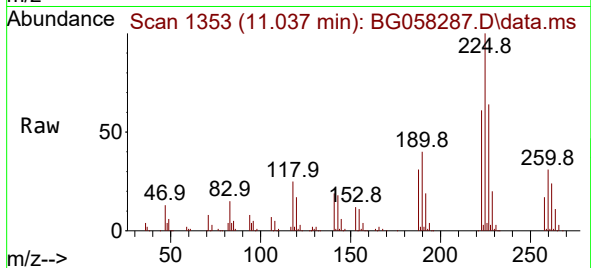
Tgt Ion:225 Resp: 205065

Ion Ratio Lower Upper

225 100

223 61.5 49.7 74.5

227 63.7 53.2 79.8



#34

Caprolactam

Concen: 40.242 ng/ul

RT: 11.659 min Scan# 1459

Delta R.T. 0.024 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

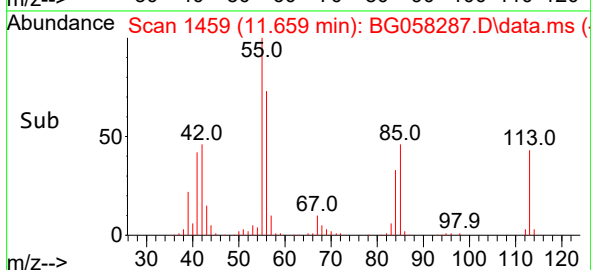
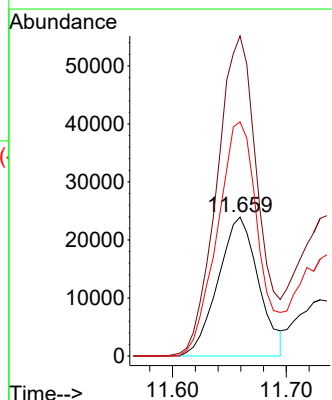
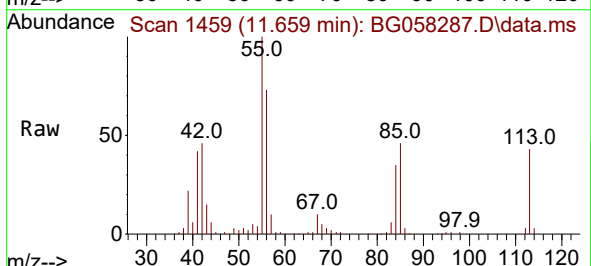
Tgt Ion:113 Resp: 59200

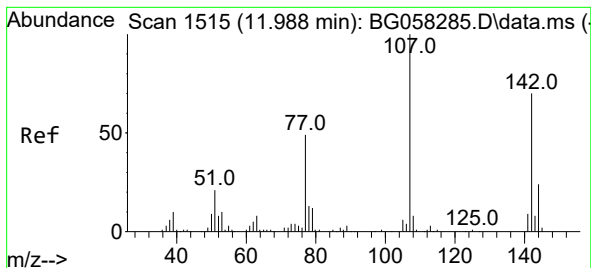
Ion Ratio Lower Upper

113 100

55 230.4 179.8 269.6

56 168.6 132.2 198.4





#35

4-Chloro-3-methylphenol

Concen: 83.690 ng/ul

RT: 12.000 min Scan# 1

Delta R.T. 0.012 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

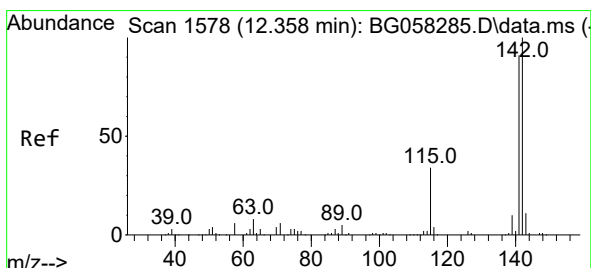
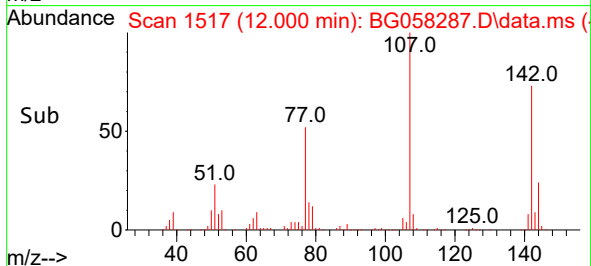
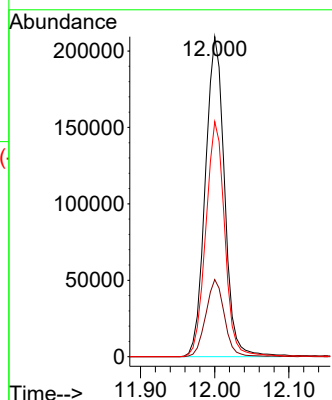
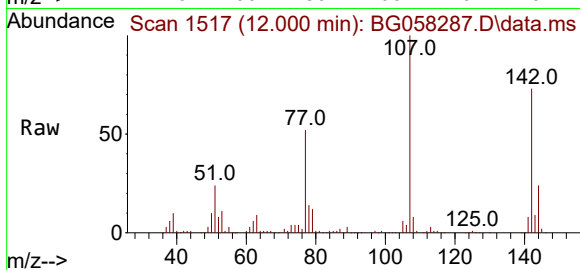
Tgt Ion:107 Resp: 376166

Ion Ratio Lower Upper

107 100

144 24.1 19.0 28.6

142 73.5 55.8 83.6



#36

2-Methylnaphthalene

Concen: 76.047 ng/ul

RT: 12.364 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BG058287.D

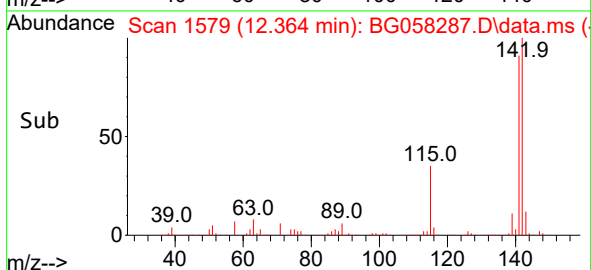
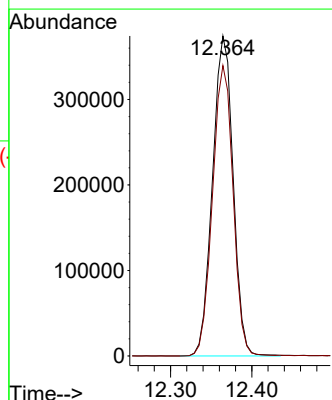
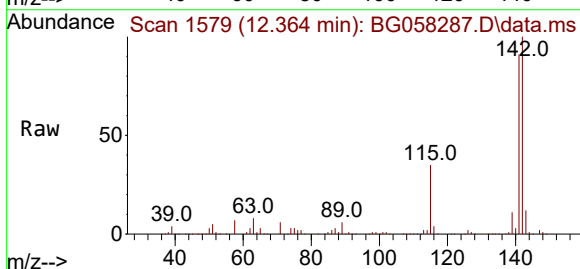
Acq: 17 Jul 2023 17:58

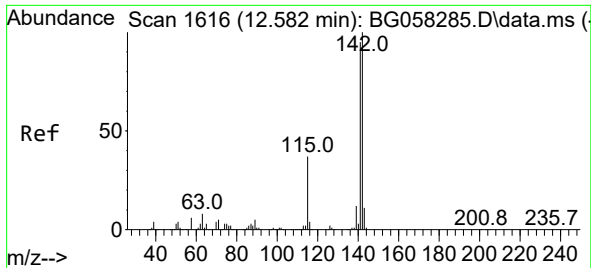
Tgt Ion:142 Resp: 659772

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8





#37

1-Methylnaphthalene

Concen: 75.829 ng/ul

RT: 12.588 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

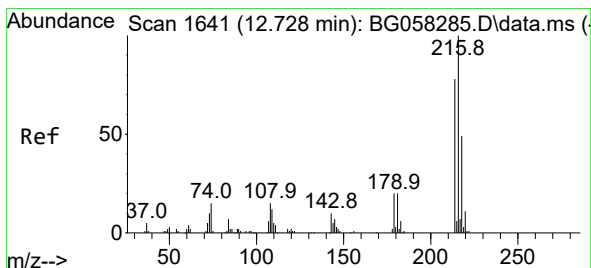
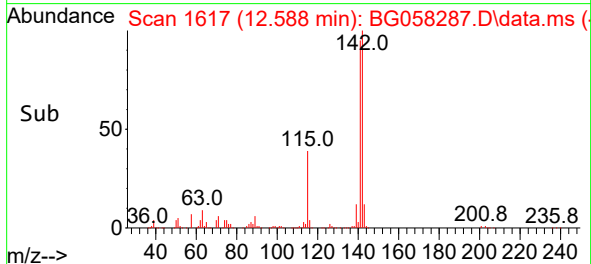
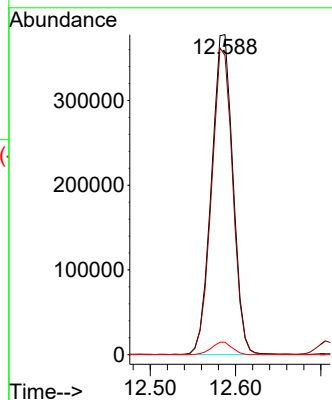
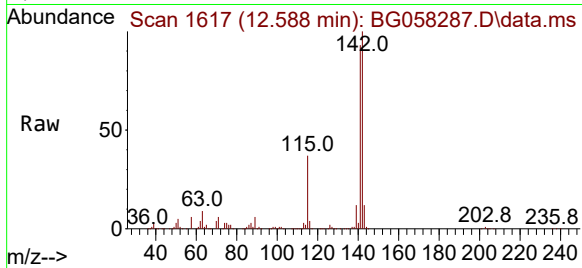
Tgt Ion:142 Resp: 659721

Ion Ratio Lower Upper

142 100

141 93.5 75.8 113.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.824 ng/ul

RT: 12.735 min Scan# 1642

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Tgt Ion:216 Resp: 387028

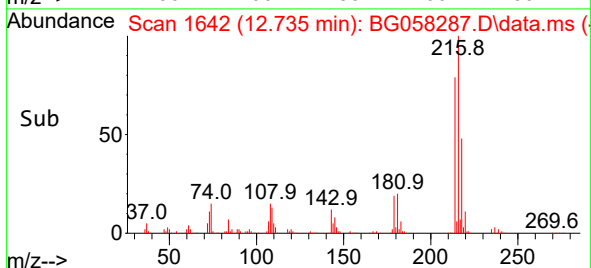
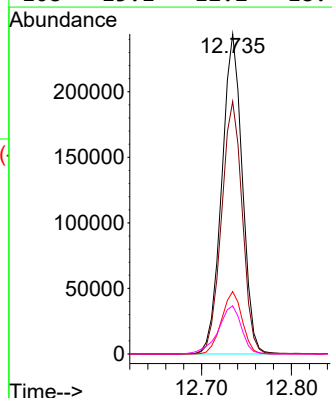
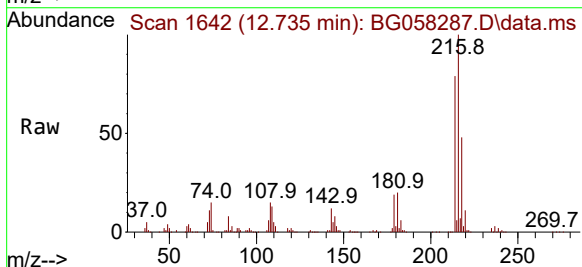
Ion Ratio Lower Upper

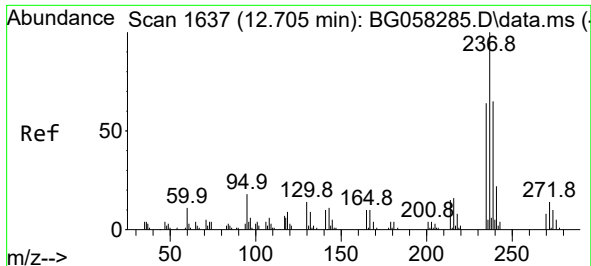
216 100

214 78.9 62.2 93.4

179 19.5 16.2 24.2

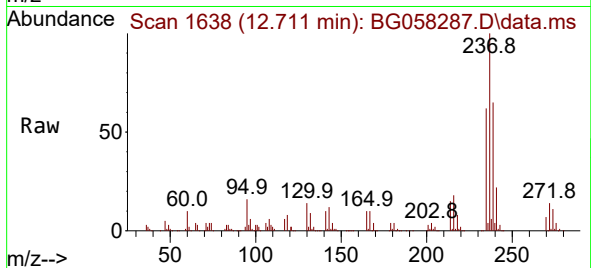
108 15.1 12.2 18.4



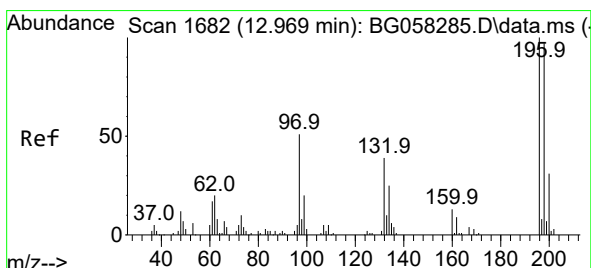
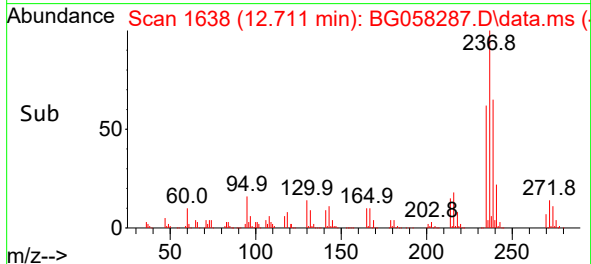
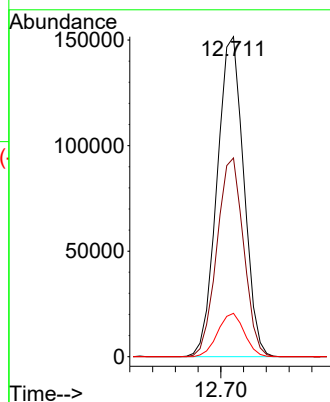


#40
Hexachlorocyclopentadiene
Concen: 76.829 ng/ul
RT: 12.711 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Instrument :
BNA_G
ClientSampleId :
SSTD080446

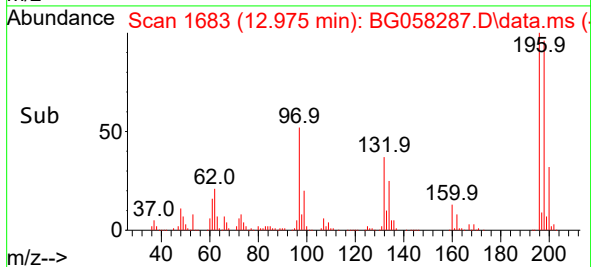
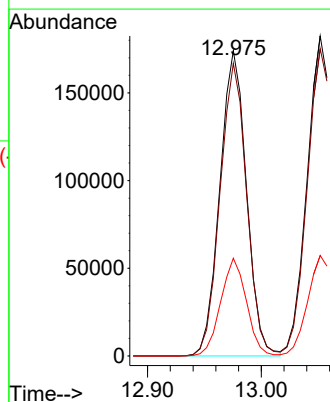
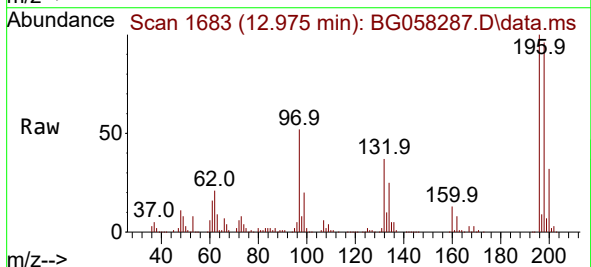


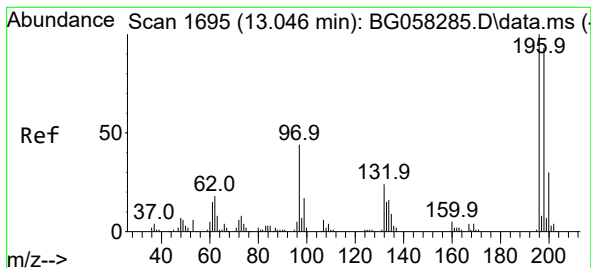
Tgt Ion:237 Resp: 247012
Ion Ratio Lower Upper
237 100
235 62.1 50.9 76.3
272 14.2 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 81.937 ng/ul
RT: 12.975 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:196 Resp: 283461
Ion Ratio Lower Upper
196 100
198 95.8 77.7 116.5
200 32.0 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 80.984 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

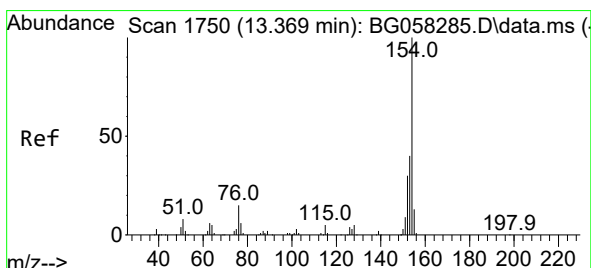
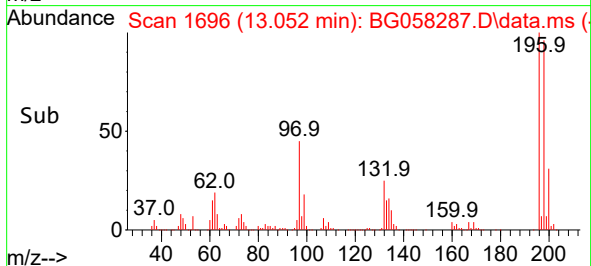
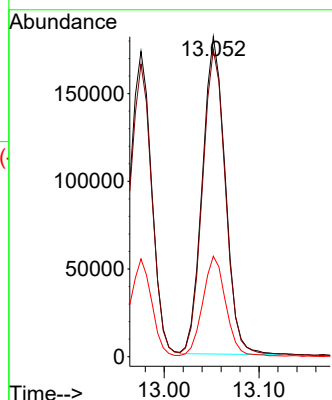
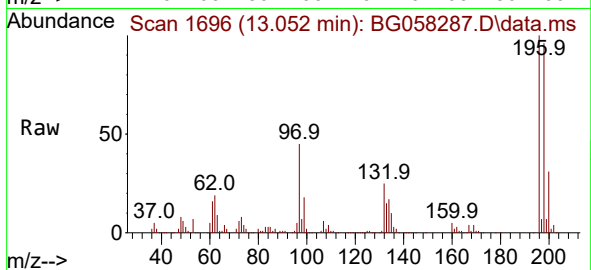
Tgt Ion:196 Resp: 302995

Ion Ratio Lower Upper

196 100

198 96.0 74.8 112.2

200 31.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 71.745 ng/ul

RT: 13.375 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

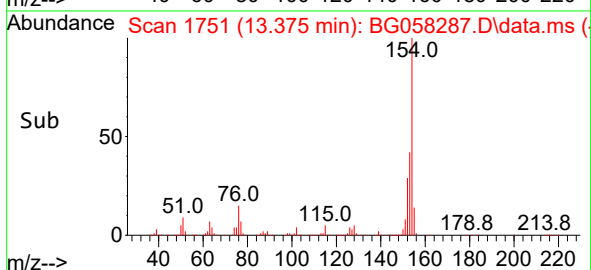
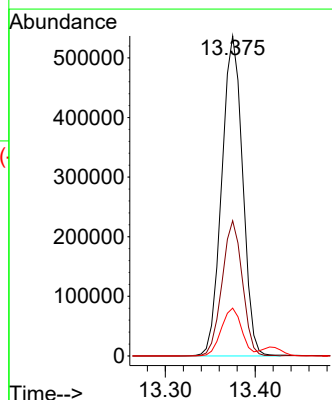
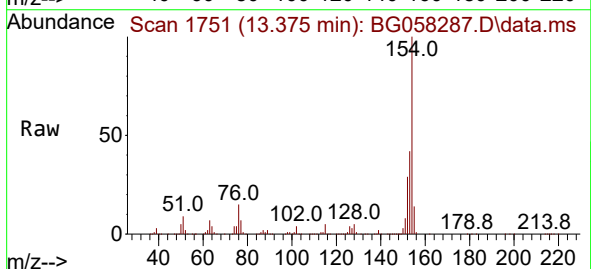
Tgt Ion:154 Resp: 865995

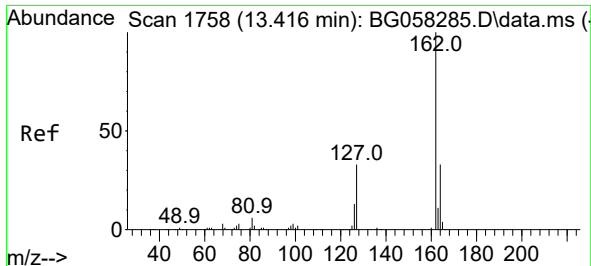
Ion Ratio Lower Upper

154 100

153 42.3 31.8 47.6

76 15.0 11.7 17.5

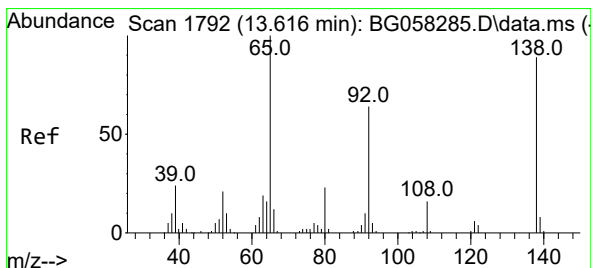
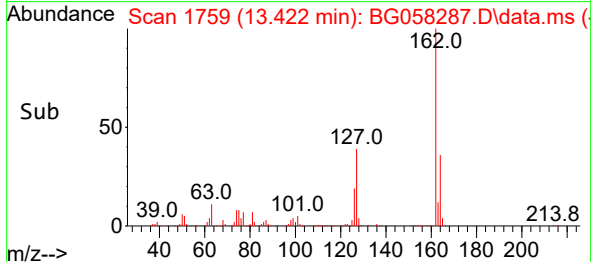
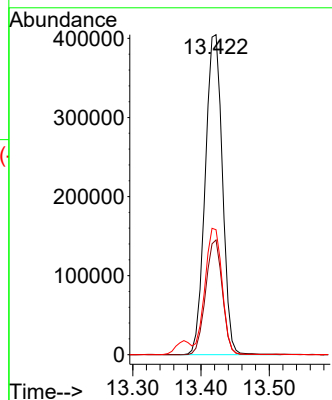
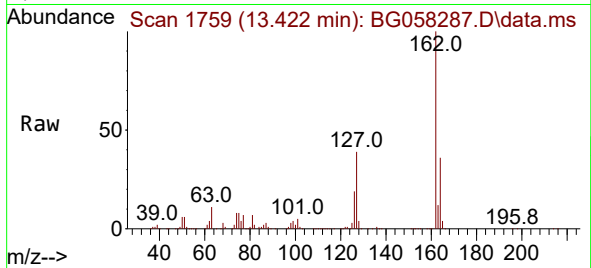




#44
2-Chloronaphthalene
Concen: 73.159 ng/ul
RT: 13.422 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

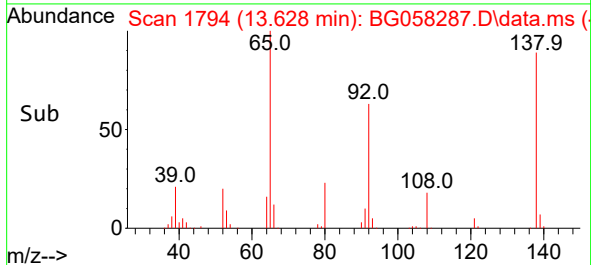
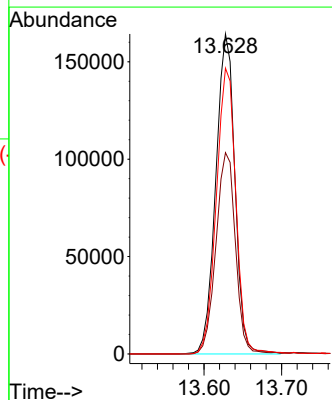
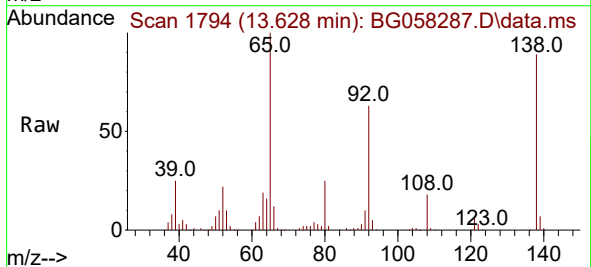
Instrument :
BNA_G
ClientSampleId :
SSTD080446

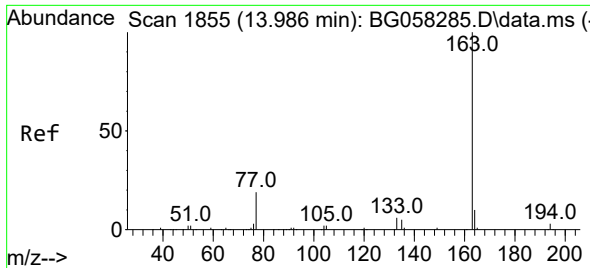
Tgt Ion:162 Resp: 708715
Ion Ratio Lower Upper
162 100
164 35.9 26.2 39.2
127 39.1 29.8 44.6



#45
2-Nitroaniline
Concen: 83.625 ng/ul
RT: 13.628 min Scan# 1794
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion: 65 Resp: 281659
Ion Ratio Lower Upper
65 100
92 62.9 51.4 77.2
138 89.3 71.6 107.4

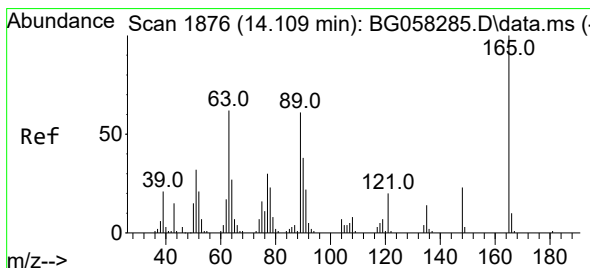
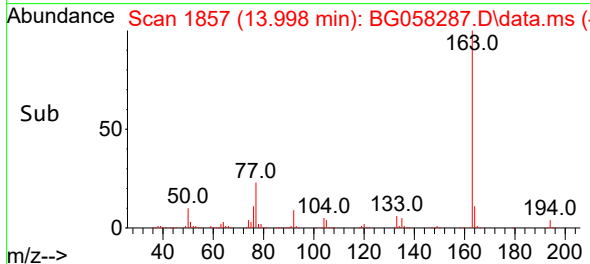
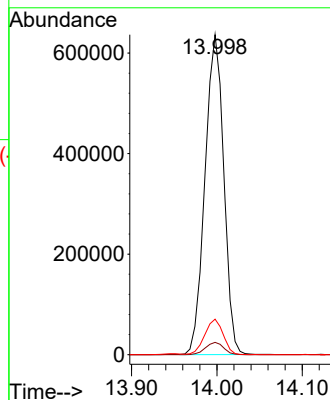
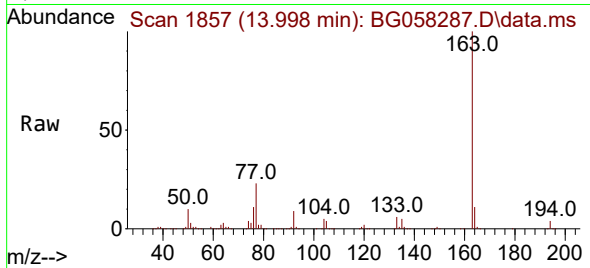




#47
Dimethylphthalate
Concen: 73.403 ng/ul
RT: 13.998 min Scan# 1857
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

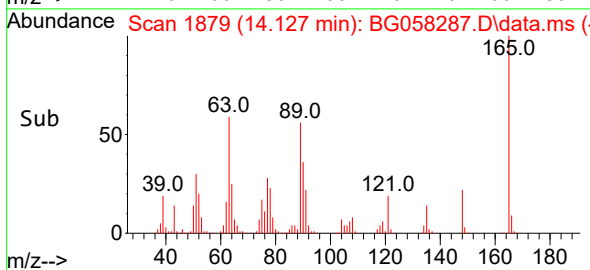
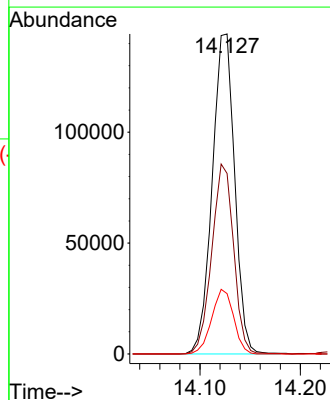
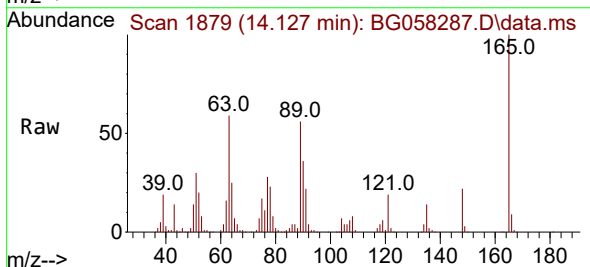
Instrument :
BNA_G
ClientSampleId :
SSTD080446

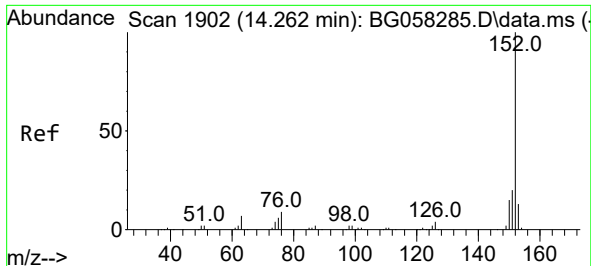
Tgt Ion:163 Resp: 974597
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 11.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 82.311 ng/ul
RT: 14.127 min Scan# 1879
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:165 Resp: 224327
Ion Ratio Lower Upper
165 100
89 56.4 48.9 73.3
121 18.8 16.2 24.4

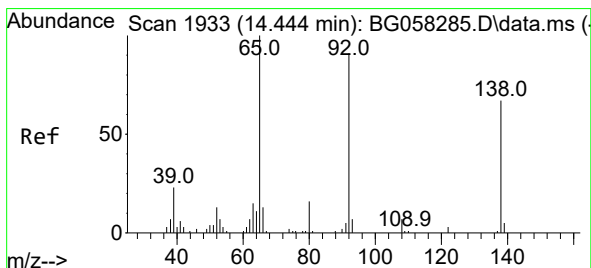
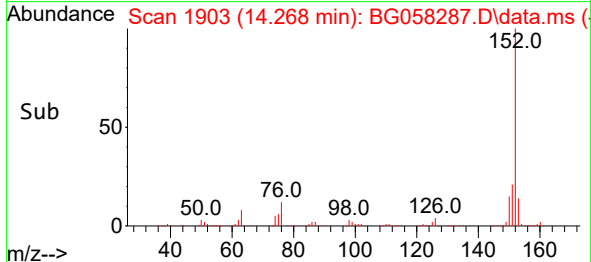
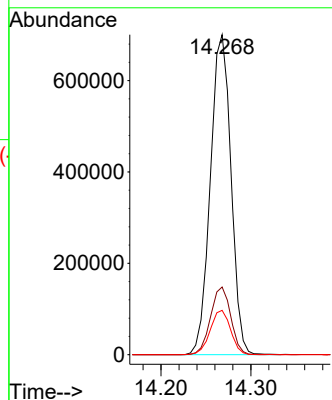
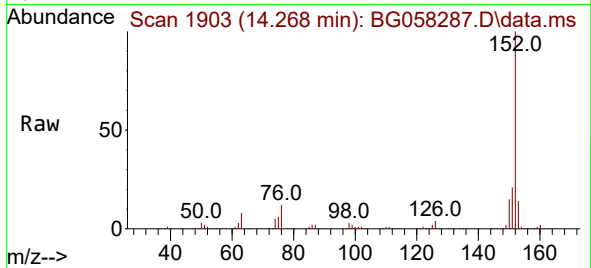




#50
Acenaphthylene
Concen: 71.705 ng/ul
RT: 14.268 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

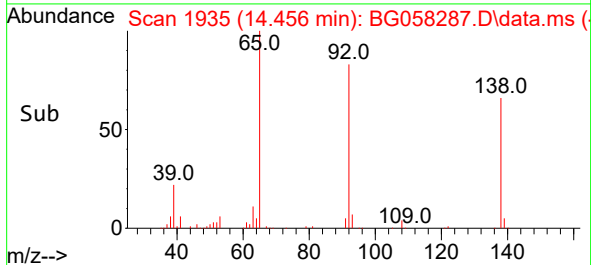
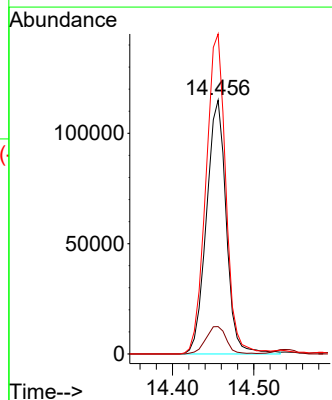
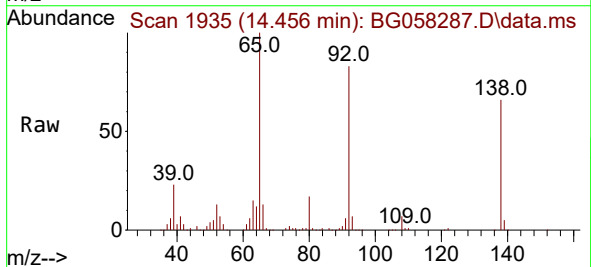
Instrument :
BNA_G
ClientSampleId :
SSTD080446

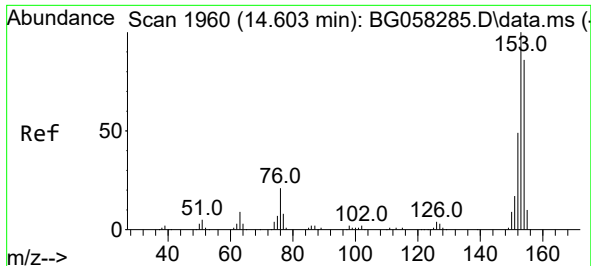
Tgt Ion:152 Resp: 1116679
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.9 10.6 16.0



#51
3-Nitroaniline
Concen: 84.616 ng/ul
RT: 14.456 min Scan# 1935
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:138 Resp: 194882
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 126.1 108.4 162.6

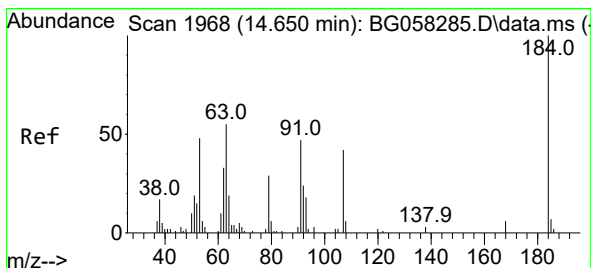
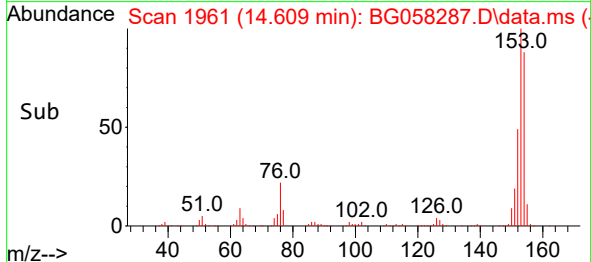
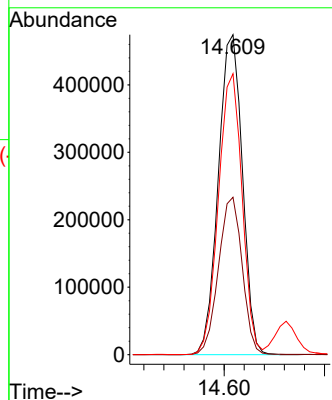
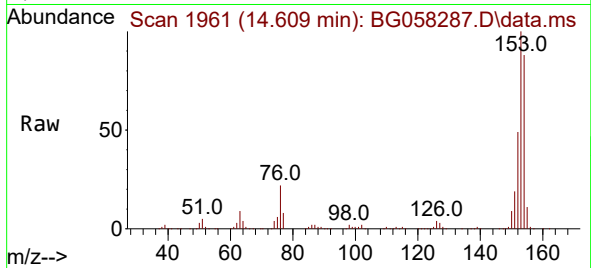




#52
Acenaphthene
Concen: 73.891 ng/ul
RT: 14.609 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

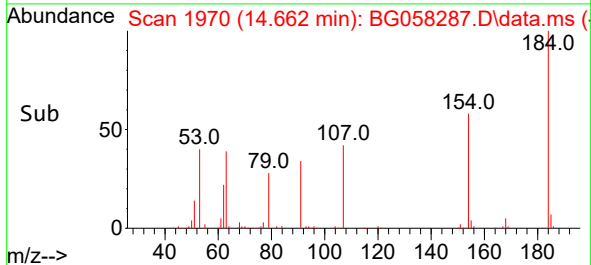
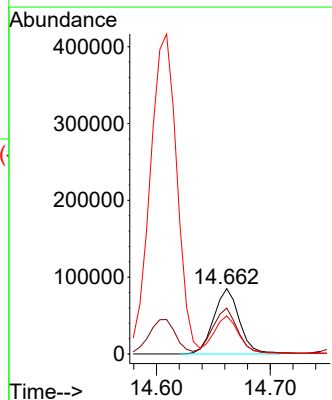
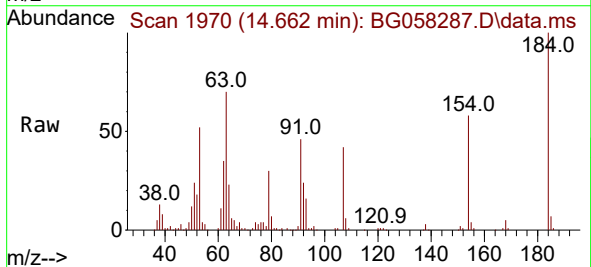
Instrument :
BNA_G
ClientSampleId :
SSTD080446

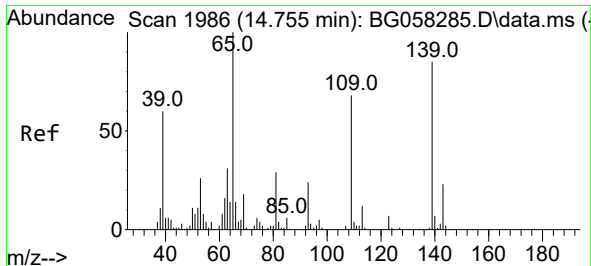
Tgt Ion:153 Resp: 789619
Ion Ratio Lower Upper
153 100
152 49.2 39.1 58.7
154 87.8 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 93.646 ng/ul
RT: 14.662 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:184 Resp: 133055
Ion Ratio Lower Upper
184 100
63 70.3 52.9 79.3
154 58.3 47.8 71.8

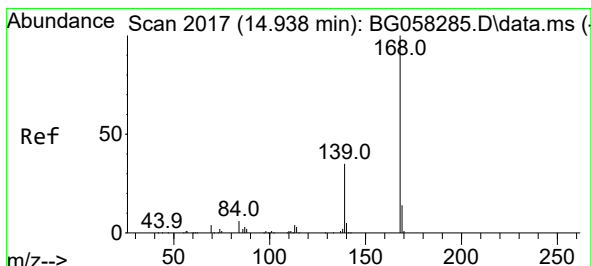
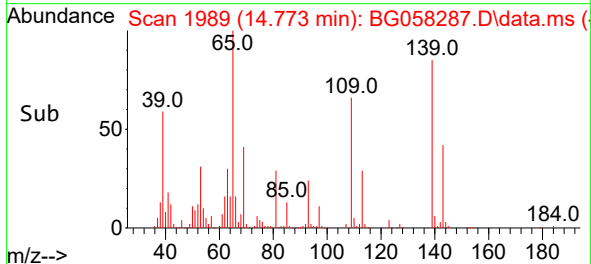
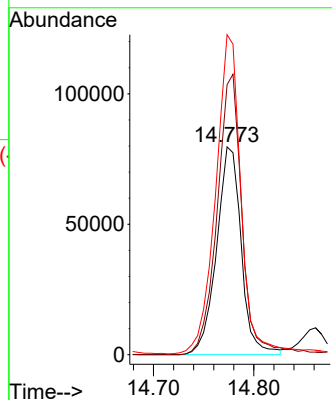
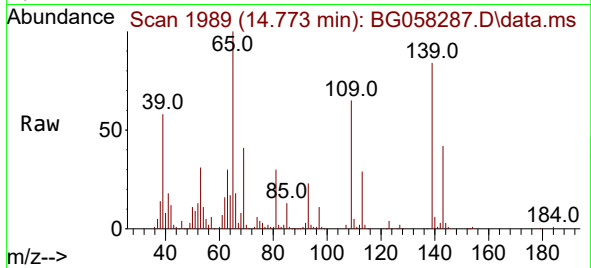




#55
4-Nitrophenol
Concen: 78.517 ng/ul
RT: 14.773 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

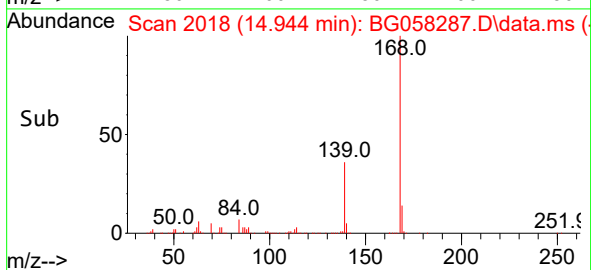
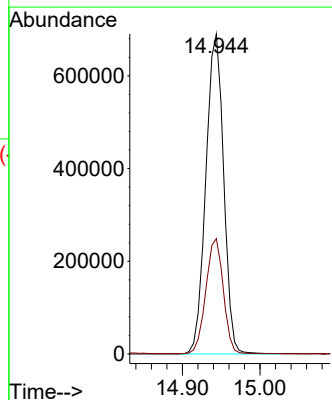
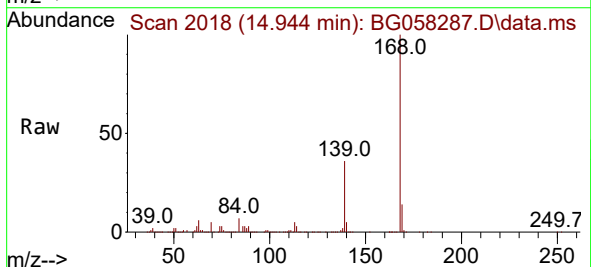
Instrument :
BNA_G
ClientSampleId :
SSTD080446

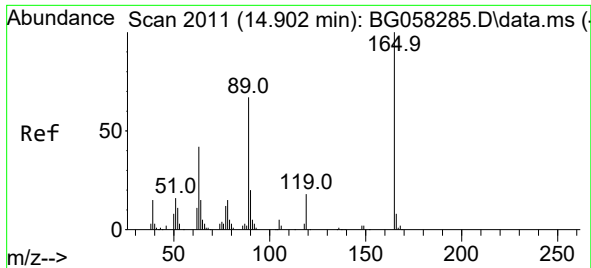
Tgt Ion:109 Resp: 135809
Ion Ratio Lower Upper
109 100
139 129.8 100.3 150.5
65 153.9 120.6 180.8



#56
Dibenzofuran
Concen: 72.332 ng/ul
RT: 14.944 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:168 Resp: 1098782
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.8

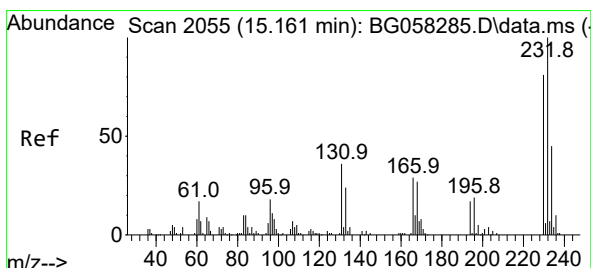
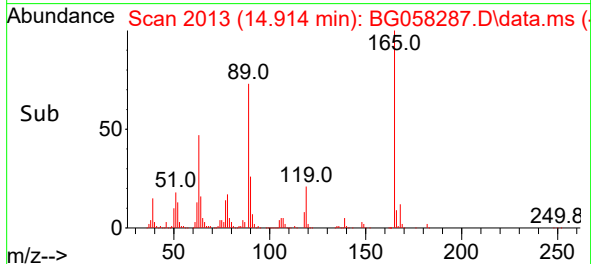
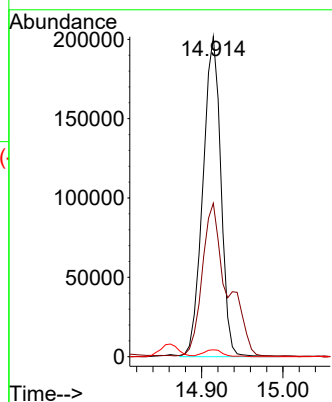
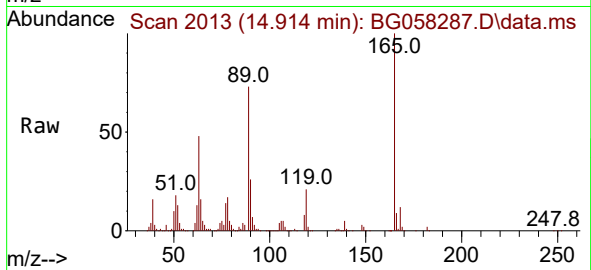




#57
2,4-Dinitrotoluene
Concen: 80.177 ng/ul
RT: 14.914 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

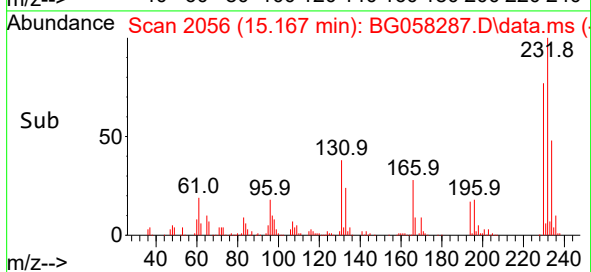
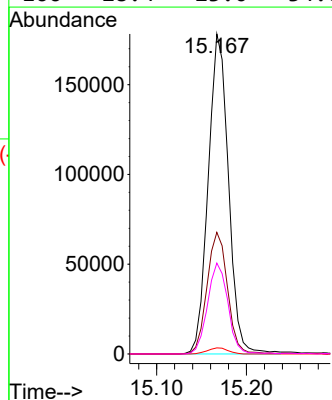
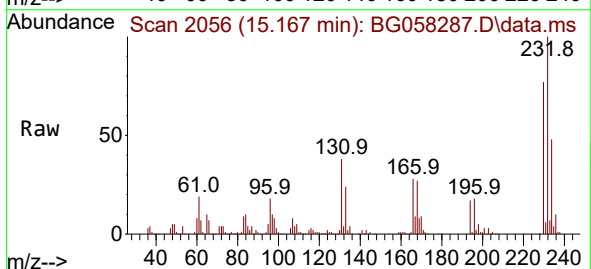
Instrument :
BNA_G
ClientSampleId :
SSTD080446

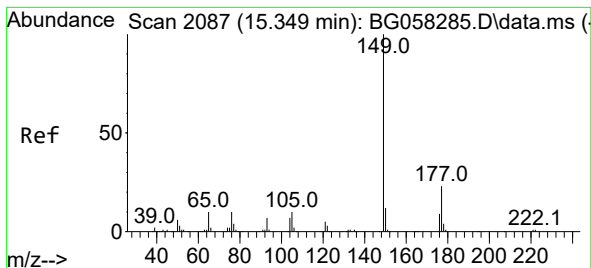
Tgt Ion:165 Resp: 309590
Ion Ratio Lower Upper
165 100
63 47.9 33.8 50.6
182 2.1 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 81.975 ng/ul
RT: 15.167 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:232 Resp: 279205
Ion Ratio Lower Upper
232 100
131 38.0 29.0 43.6
130 1.9 1.1 1.7#
166 28.4 23.0 34.6





#59

Diethylphthalate

Concen: 72.386 ng/ul

RT: 15.361 min Scan# 2089

Delta R.T. 0.012 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

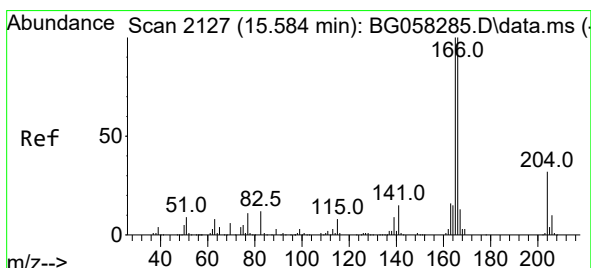
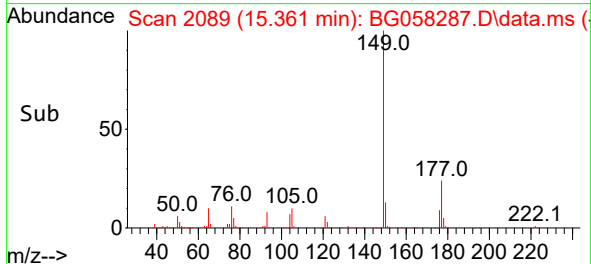
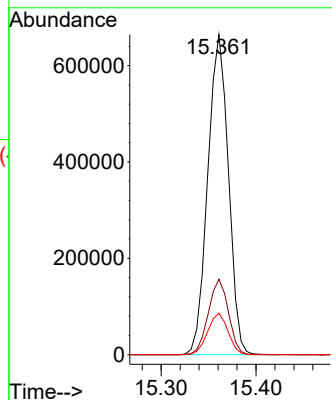
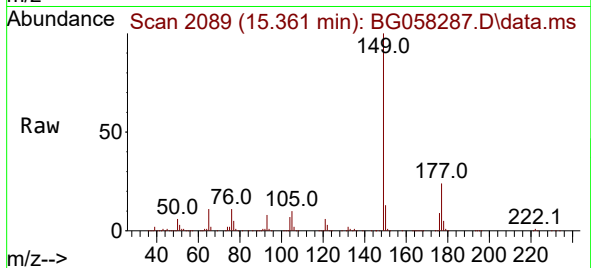
Tgt Ion:149 Resp: 1003110

Ion Ratio Lower Upper

149 100

177 23.6 18.4 27.6

150 12.9 10.0 15.0



#61

Fluorene

Concen: 69.894 ng/ul

RT: 15.590 min Scan# 2128

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

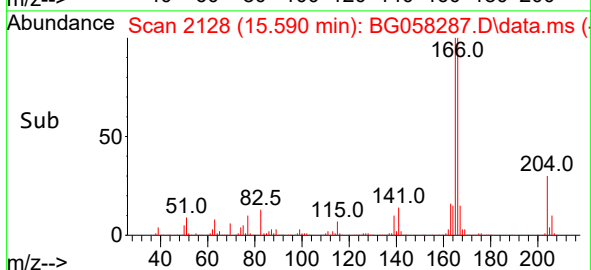
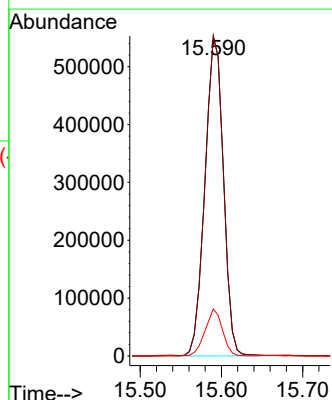
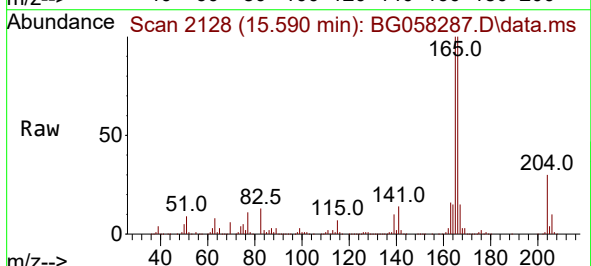
Tgt Ion:166 Resp: 871159

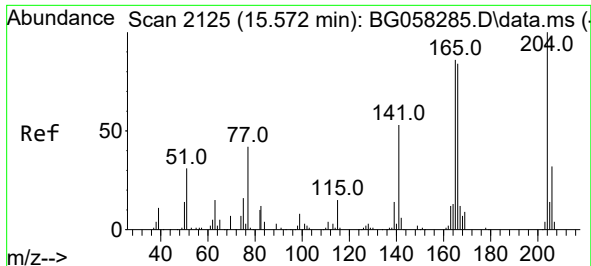
Ion Ratio Lower Upper

166 100

165 100.0 80.2 120.2

167 14.7 10.5 15.7





#62

4-Chlorophenyl-phenylether

Concen: 72.927 ng/ul

RT: 15.578 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

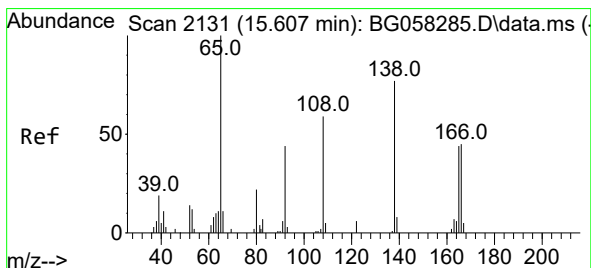
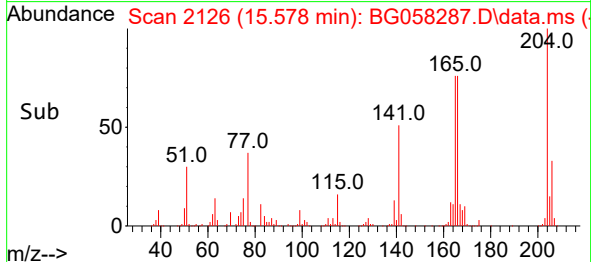
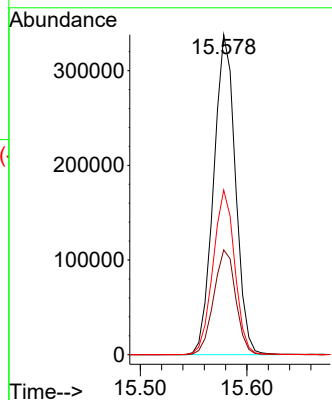
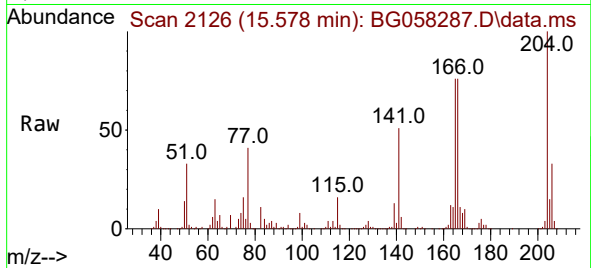
Tgt Ion:204 Resp: 480956

Ion Ratio Lower Upper

204 100

206 32.8 26.0 39.0

141 51.4 42.2 63.2



#63

4-Nitroaniline

Concen: 90.572 ng/ul

RT: 15.625 min Scan# 2134

Delta R.T. 0.018 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

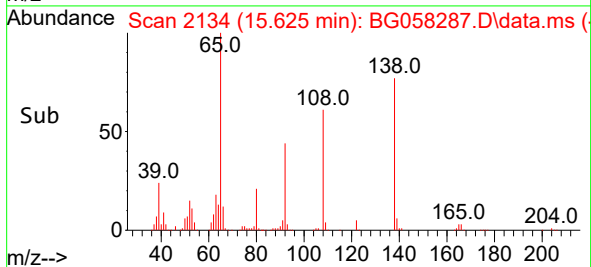
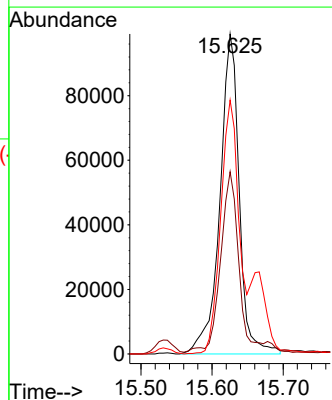
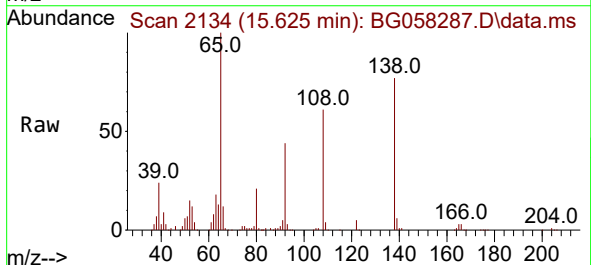
Tgt Ion:138 Resp: 186868

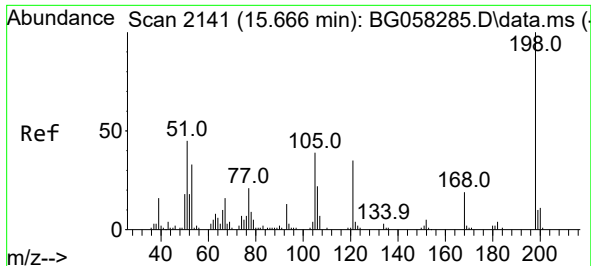
Ion Ratio Lower Upper

138 100

92 56.9 45.0 67.4

108 79.4 60.8 91.2

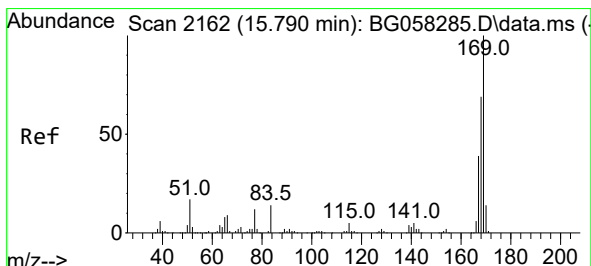
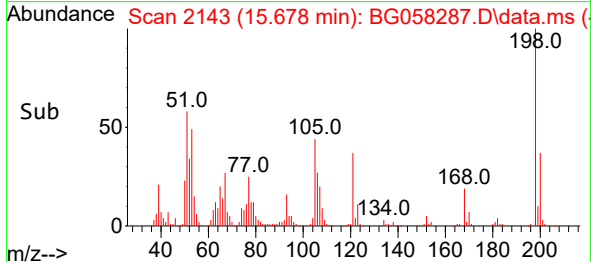
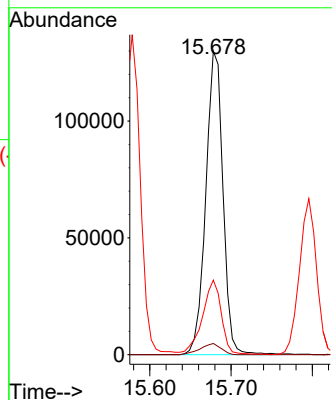
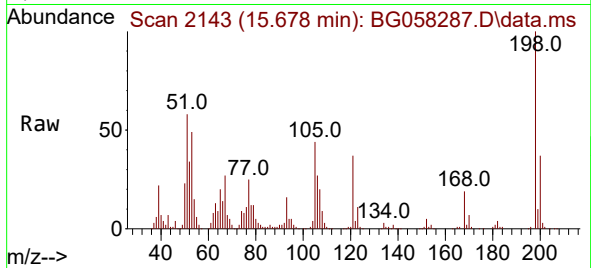




#66
4,6-Dinitro-2-methylphenol
Concen: 86.045 ng/ul
RT: 15.678 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

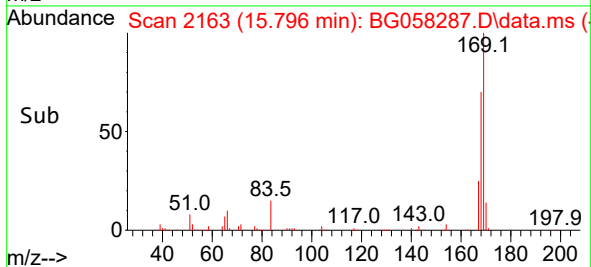
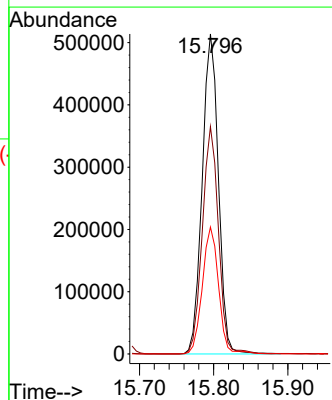
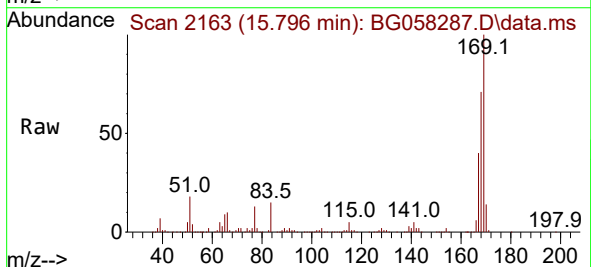
Instrument :
BNA_G
ClientSampleId :
SSTD080446

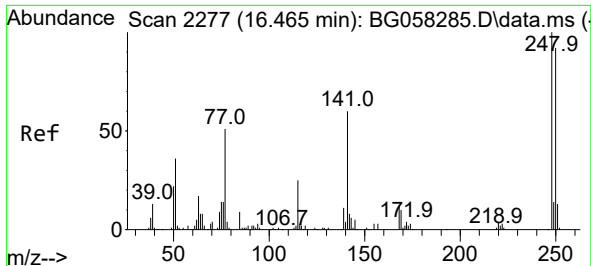
Tgt Ion:198 Resp: 190618
Ion Ratio Lower Upper
198 100
182 3.7 3.4 5.2
77 24.6 18.4 27.6



#67
N-Nitrosodiphenylamine
Concen: 73.579 ng/ul
RT: 15.796 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:169 Resp: 781198
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 39.7 31.2 46.8

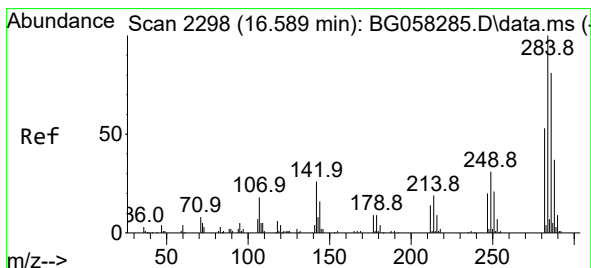
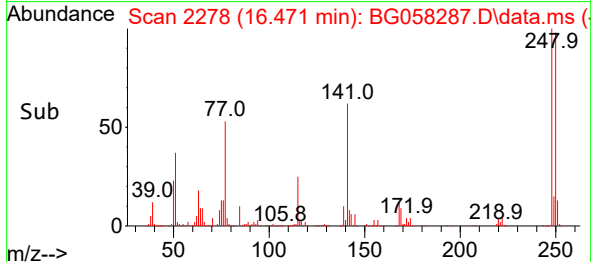
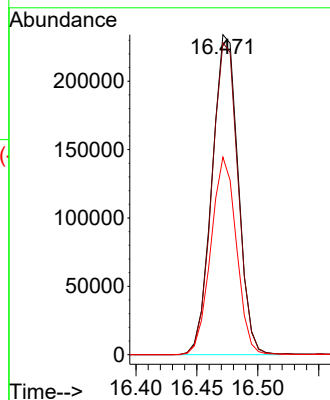
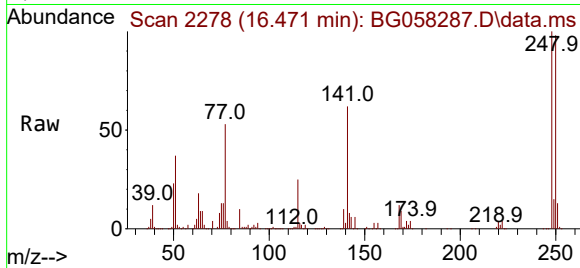




#68
4-Bromophenyl-phenylether
Concen: 79.781 ng/ul
RT: 16.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

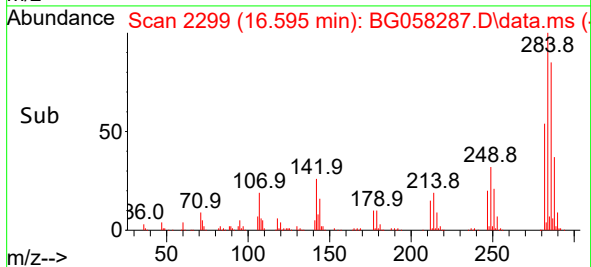
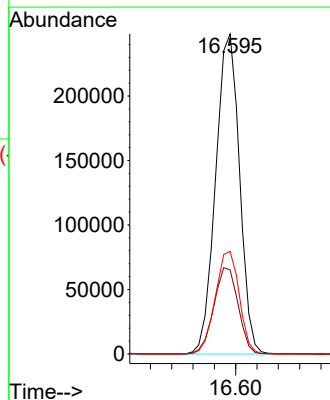
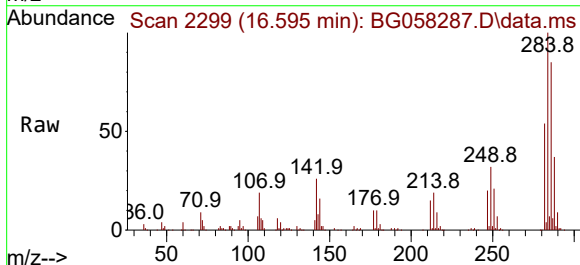
Instrument :
BNA_G
ClientSampleId :
SSTD080446

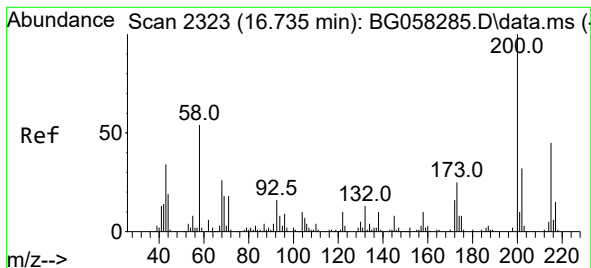
Tgt Ion:248 Resp: 349371
Ion Ratio Lower Upper
248 100
250 97.5 73.8 110.6
141 61.7 48.2 72.2



#69
Hexachlorobenzene
Concen: 78.607 ng/ul
RT: 16.595 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:284 Resp: 385401
Ion Ratio Lower Upper
284 100
142 26.3 20.5 30.7
249 32.0 25.2 37.8





#70

Atrazine

Concen: 71.841 ng/ul

RT: 16.747 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

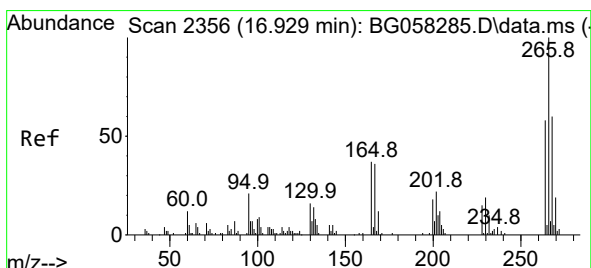
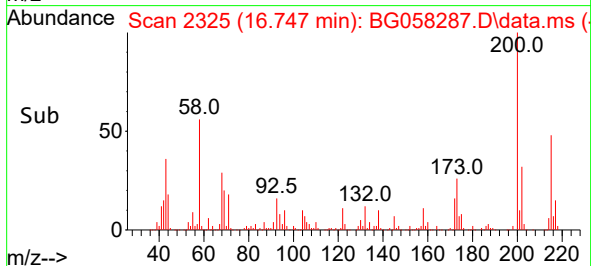
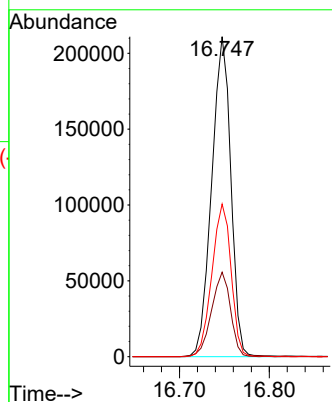
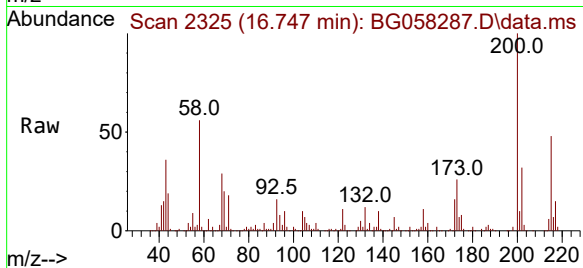
Tgt Ion:200 Resp: 311907

Ion Ratio Lower Upper

200 100

173 26.4 19.8 29.8

215 47.7 36.2 54.4



#71

Pentachlorophenol

Concen: 82.333 ng/ul

RT: 16.936 min Scan# 2357

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

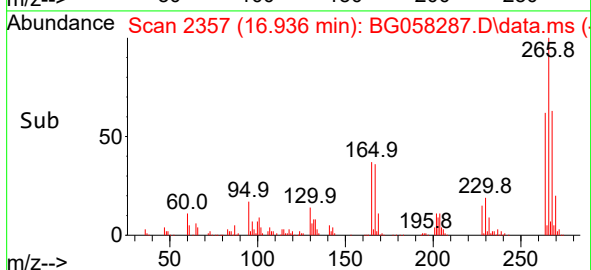
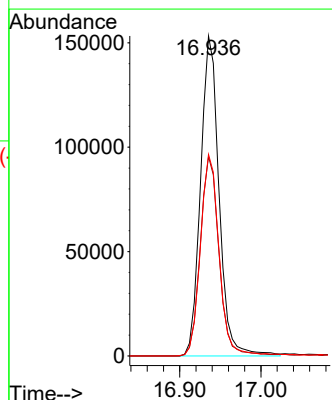
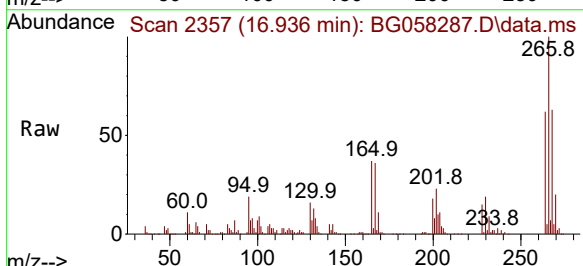
Tgt Ion:266 Resp: 242344

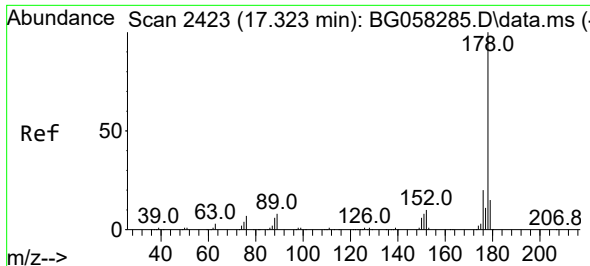
Ion Ratio Lower Upper

266 100

264 62.3 46.6 70.0

268 63.0 47.6 71.4

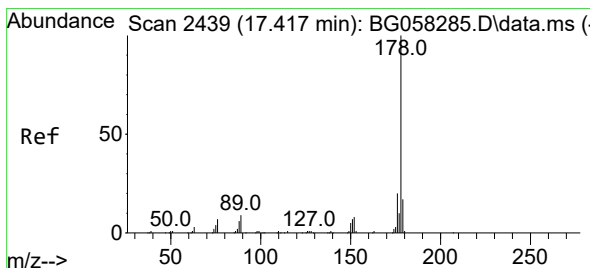
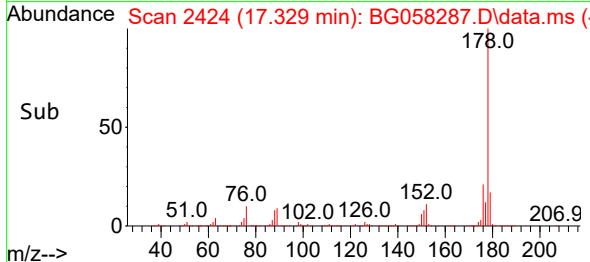
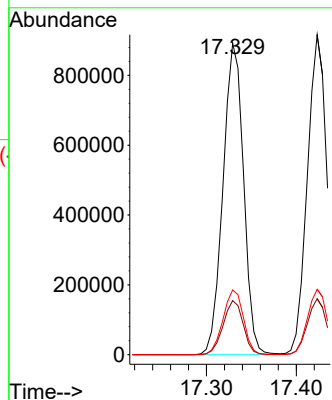
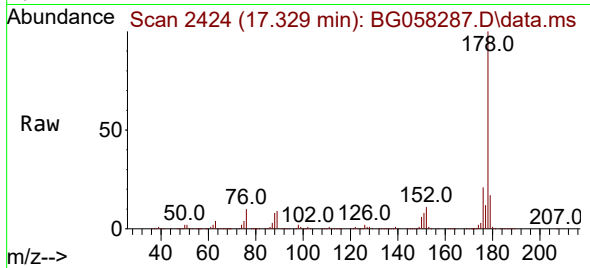




#72
Phenanthrene
Concen: 69.903 ng/ul
RT: 17.329 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

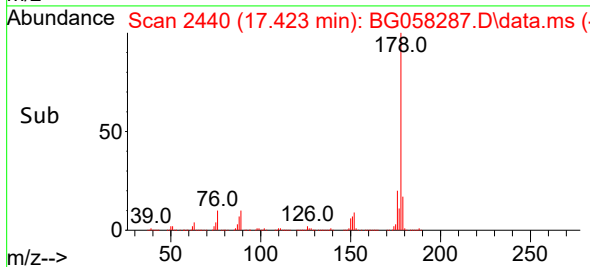
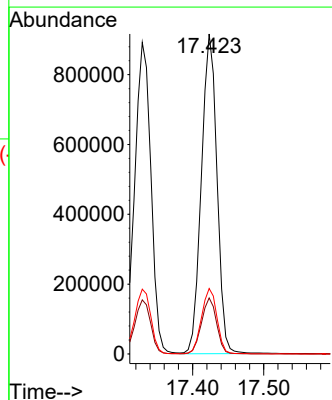
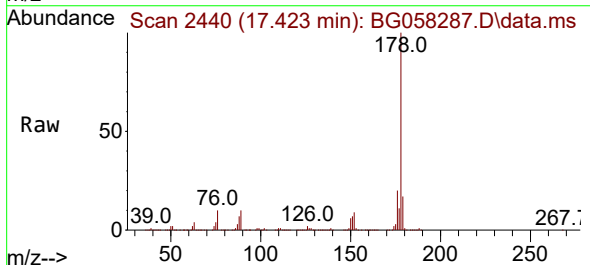
Instrument :
BNA_G
ClientSampleId :
SSTD080446

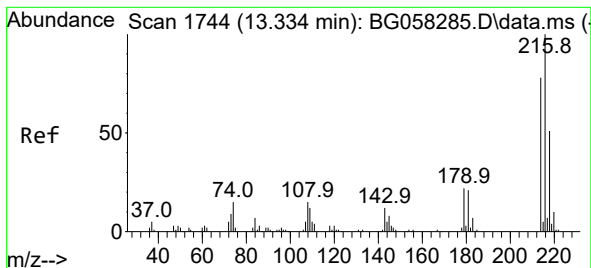
Tgt Ion:178 Resp: 1418536
Ion Ratio Lower Upper
178 100
179 17.3 11.9 17.9
176 20.8 15.8 23.8



#74
Anthracene
Concen: 68.176 ng/ul
RT: 17.423 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:178 Resp: 1400027
Ion Ratio Lower Upper
178 100
179 17.5 13.4 20.2
176 20.4 16.2 24.2

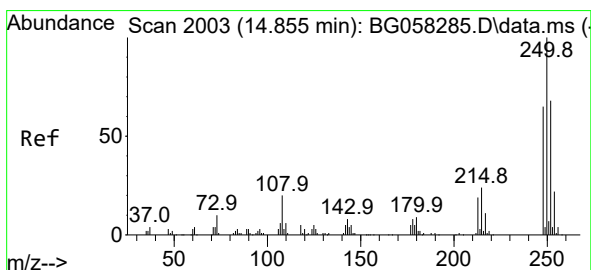
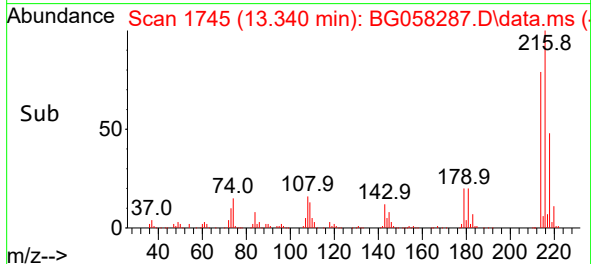
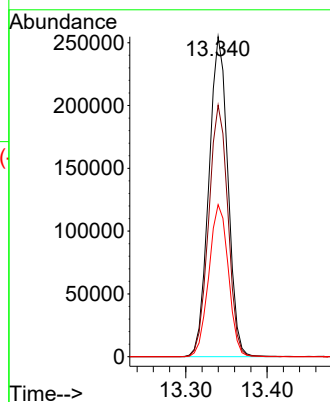
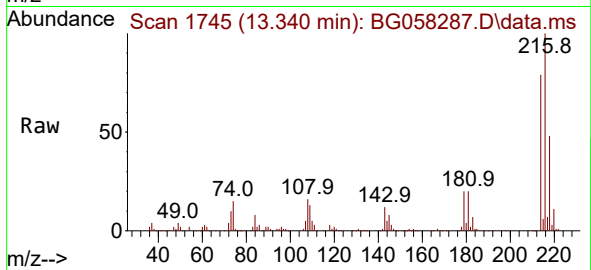




#75
1,2,3,4-Tetrachlorobenzene
Concen: 78.628 ng/uL
RT: 13.340 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

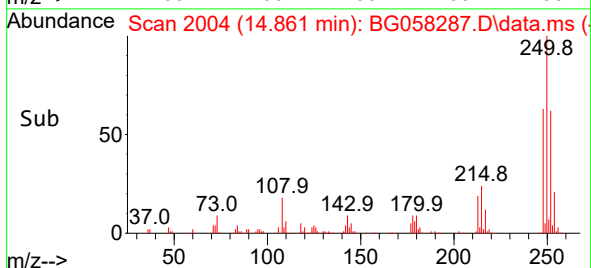
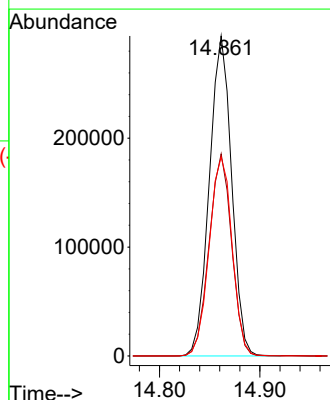
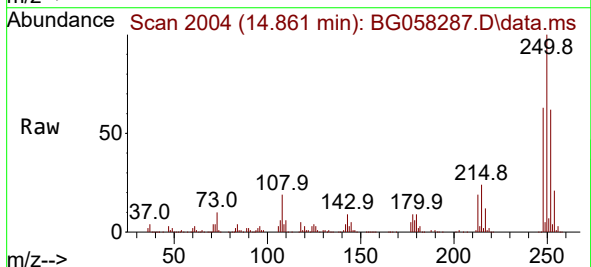
Instrument :
BNA_G
ClientSampleId :
SSTD080446

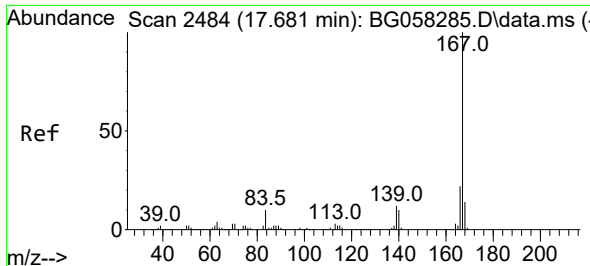
Tgt Ion:216 Resp: 416015
Ion Ratio Lower Upper
216 100
214 78.6 62.2 93.4
218 47.5 40.9 61.3



#76
Pentachlorobenzene
Concen: 80.148 ng/uL
RT: 14.861 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:250 Resp: 452892
Ion Ratio Lower Upper
250 100
248 63.1 51.6 77.4
252 62.2 54.4 81.6

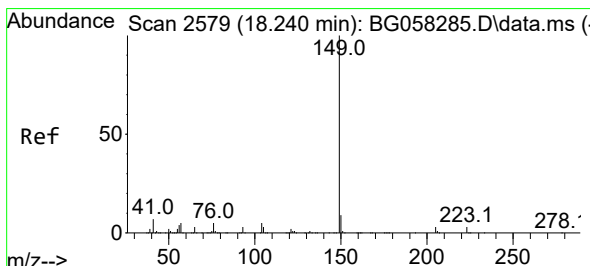
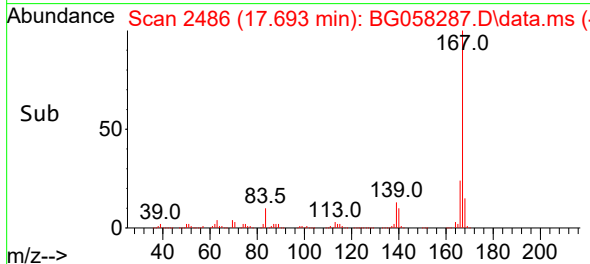
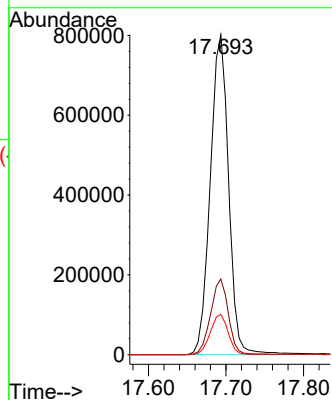
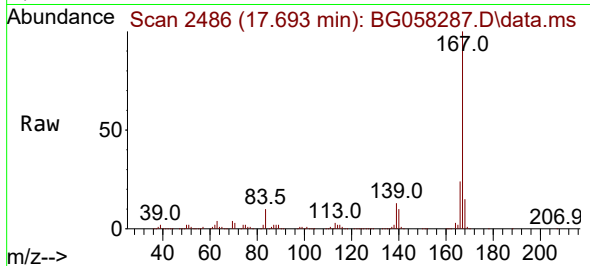




#77
Carbazole
Concen: 70.888 ng/ul
RT: 17.693 min Scan# 2486
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

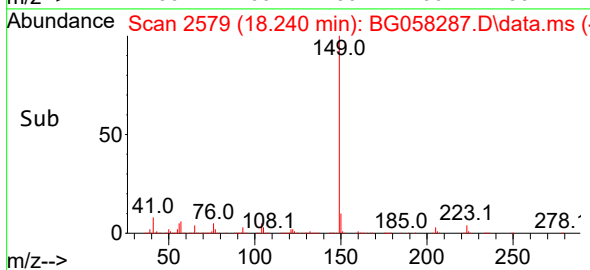
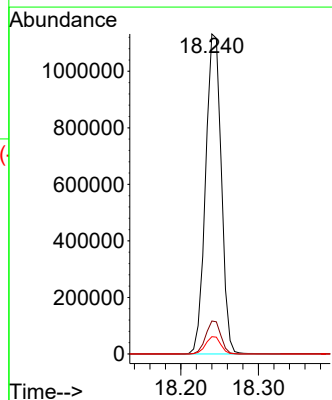
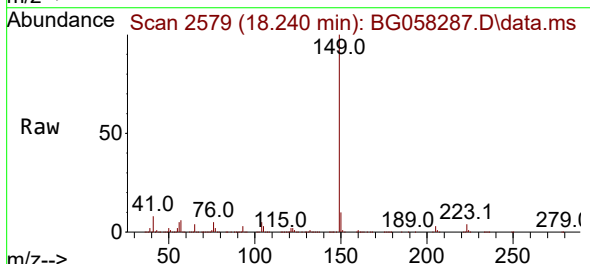
Instrument :
BNA_G
ClientSampleId :
SSTD080446

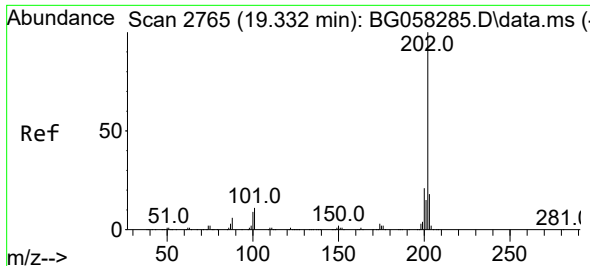
Tgt Ion:167 Resp: 1316562
Ion Ratio Lower Upper
167 100
166 23.7 17.8 26.8
139 12.6 9.4 14.0



#78
Di-n-butylphthalate
Concen: 67.171 ng/ul
RT: 18.240 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:149 Resp: 1589131
Ion Ratio Lower Upper
149 100
150 10.3 7.2 10.8
104 5.4 3.9 5.9

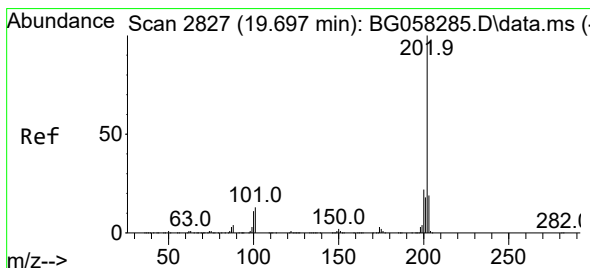
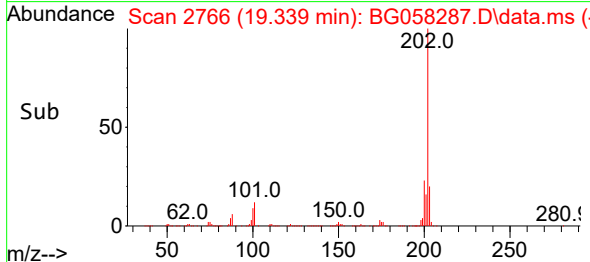
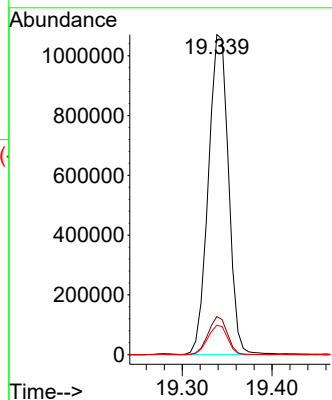
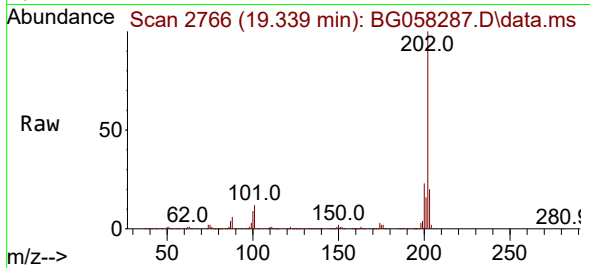




#80
Fluoranthene
Concen: 71.669 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

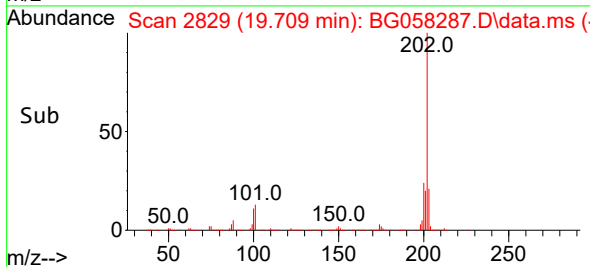
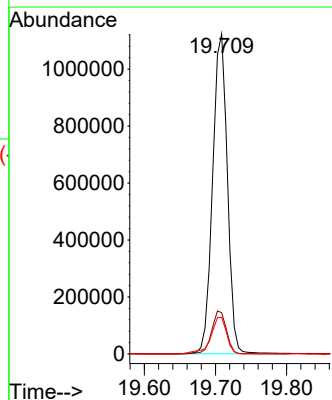
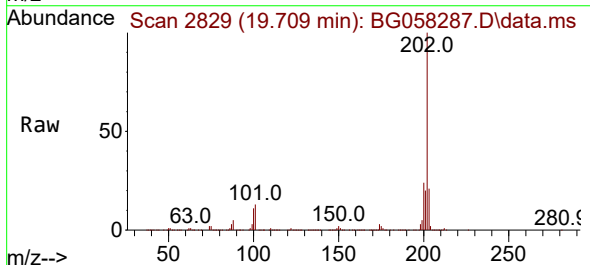
Instrument :
BNA_G
ClientSampleId :
SSTD080446

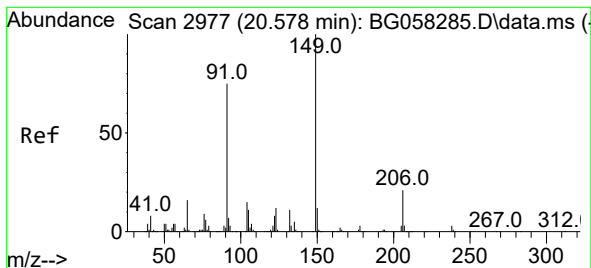
Tgt Ion:202 Resp: 1666779
Ion Ratio Lower Upper
202 100
101 11.9 8.6 12.8
100 9.2 7.2 10.8



#82
Pyrene
Concen: 69.237 ng/ul
RT: 19.709 min Scan# 2829
Delta R.T. 0.012 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:202 Resp: 1620855
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 11.5 8.9 13.3





#83

Butylbenzylphthalate

Concen: 76.503 ng/ul

RT: 20.584 min Scan# 2978

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

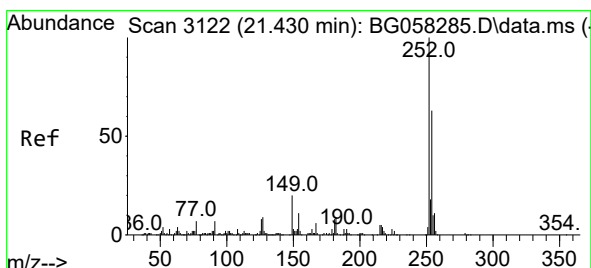
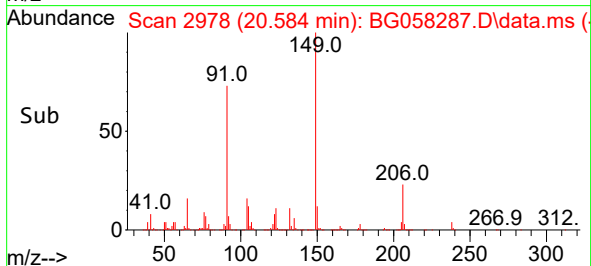
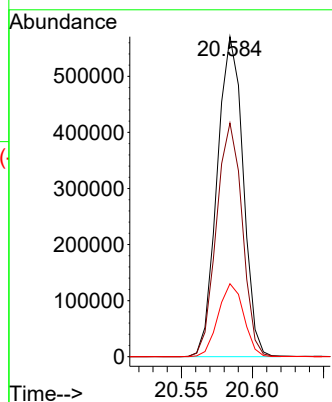
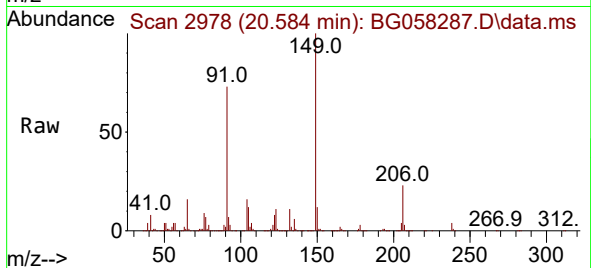
Tgt Ion:149 Resp: 726246

Ion Ratio Lower Upper

149 100

91 73.0 59.9 89.9

206 22.8 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 77.062 ng/ul

RT: 21.436 min Scan# 3123

Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

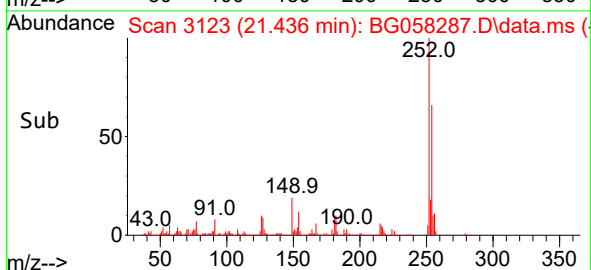
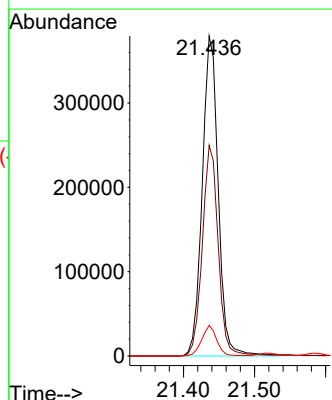
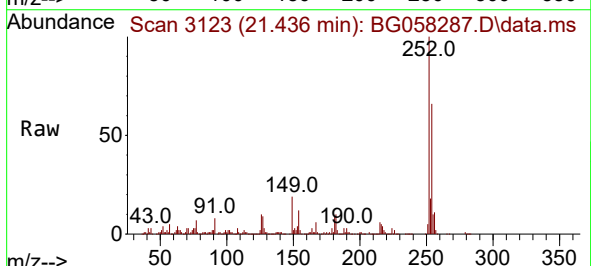
Tgt Ion:252 Resp: 594534

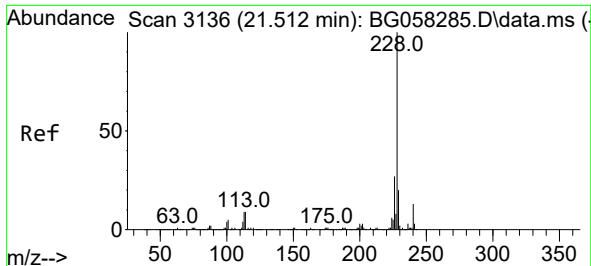
Ion Ratio Lower Upper

252 100

254 65.8 50.5 75.7

126 9.5 6.5 9.7

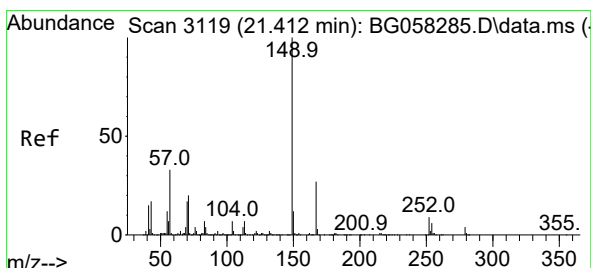
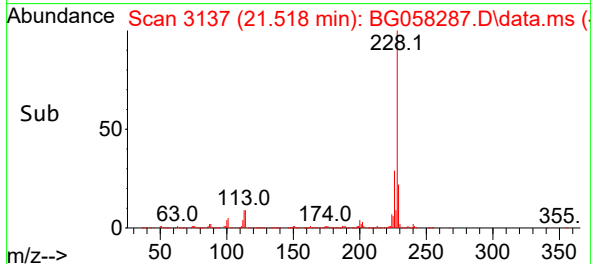
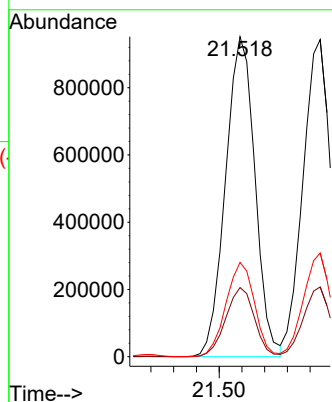
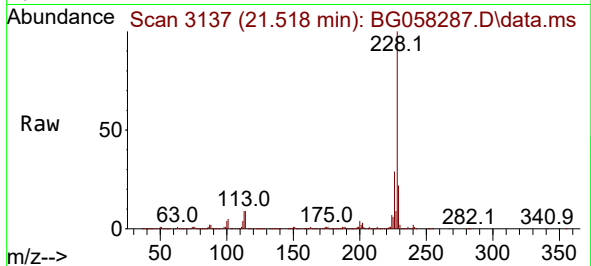




#85
Benzo(a)anthracene
Concen: 74.752 ng/ul
RT: 21.518 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

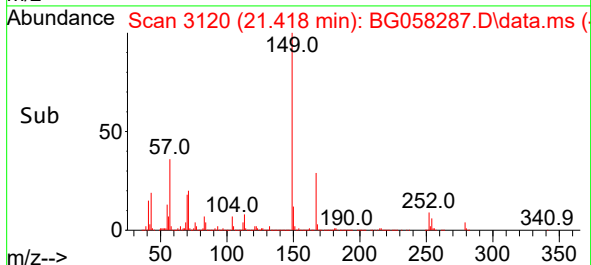
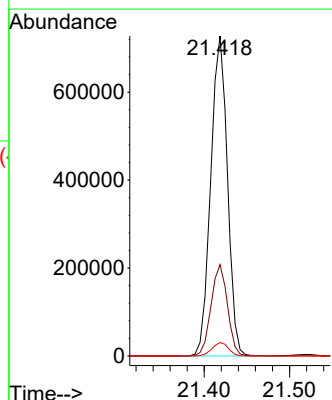
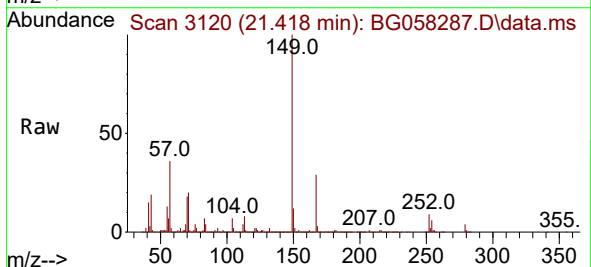
Instrument :
BNA_G
ClientSampleId :
SSTD080446

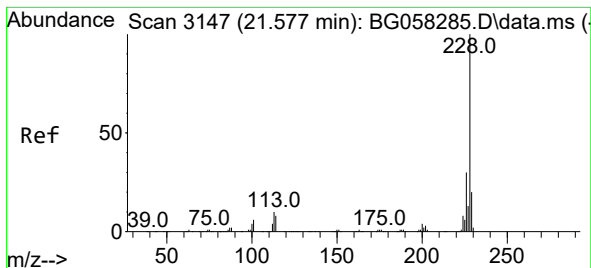
Tgt Ion:228 Resp: 1710459
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.4 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 72.699 ng/ul
RT: 21.418 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:149 Resp: 988981
Ion Ratio Lower Upper
149 100
167 28.5 21.6 32.4
279 4.2 3.0 4.4





#87

Chrysene

Concen: 75.485 ng/ul

RT: 21.589 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

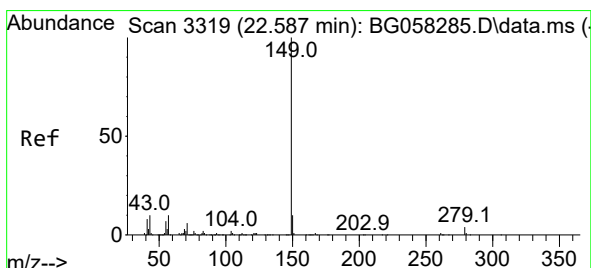
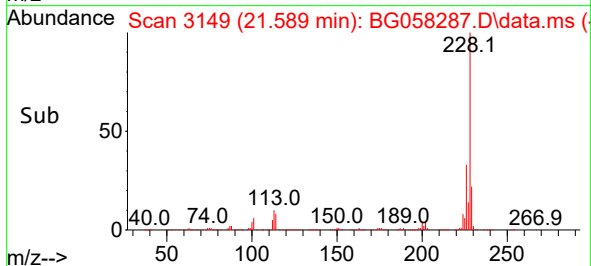
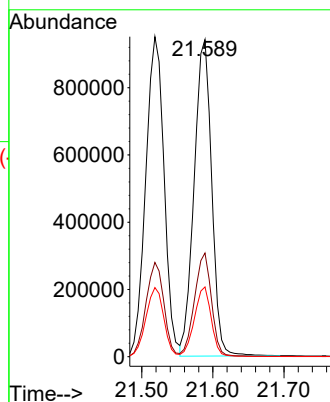
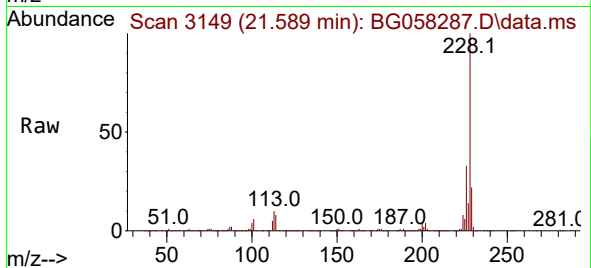
Tgt Ion:228 Resp: 1619158

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

229 22.0 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 73.670 ng/ul

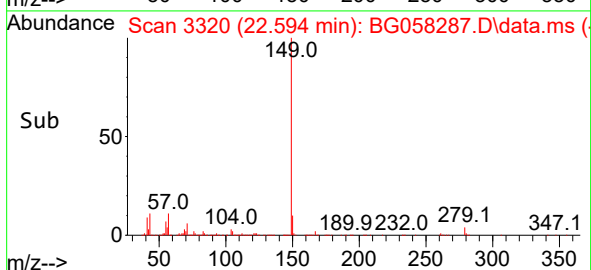
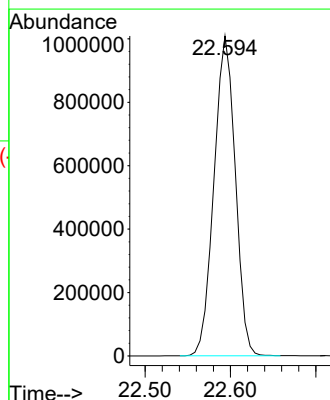
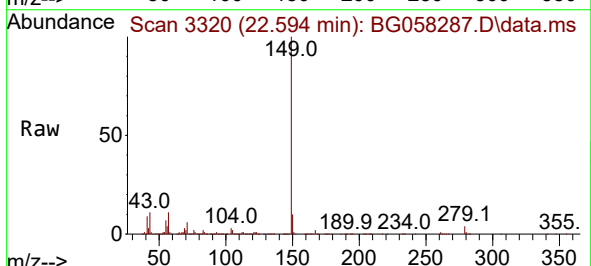
RT: 22.594 min Scan# 3320

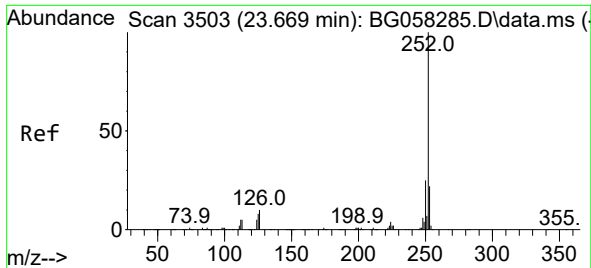
Delta R.T. 0.006 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Tgt Ion:149 Resp: 1753601

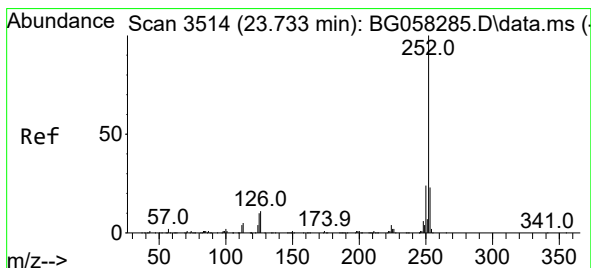
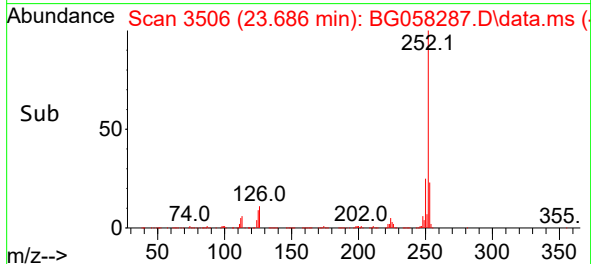
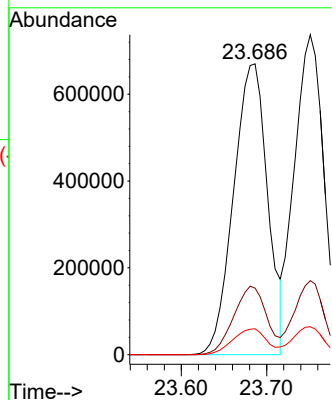
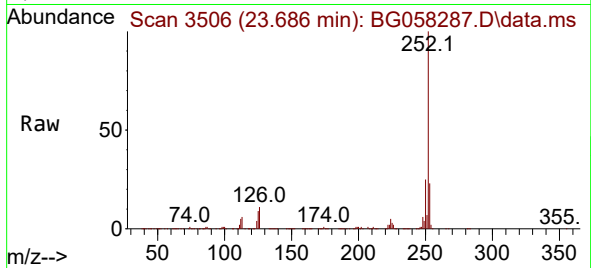




#90
Benzo(b)fluoranthene
Concen: 77.489 ng/ul
RT: 23.686 min Scan# 3506
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

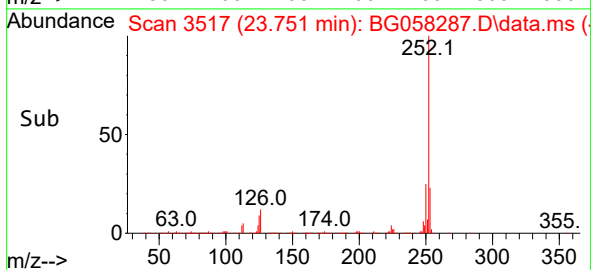
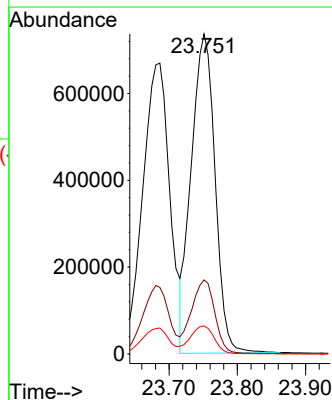
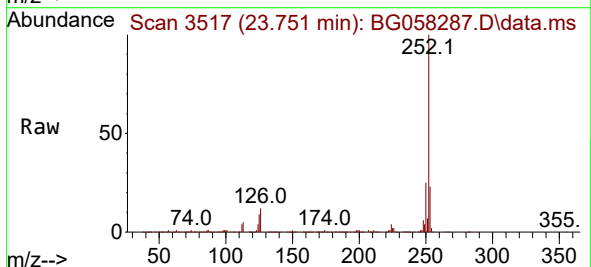
Instrument :
BNA_G
ClientSampleId :
SSTD080446

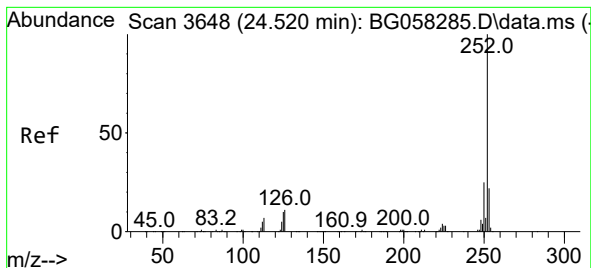
Tgt Ion:252 Resp: 1858773
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.9 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 75.694 ng/ul
RT: 23.751 min Scan# 3517
Delta R.T. 0.018 min
Lab File: BG058287.D
Acq: 17 Jul 2023 17:58

Tgt Ion:252 Resp: 1779714
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 8.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 77.067 ng/ul

RT: 24.544 min Scan# 3

Delta R.T. 0.024 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

Instrument :

BNA_G

ClientSampleId :

SSTD080446

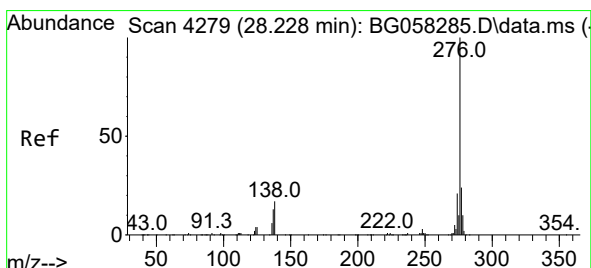
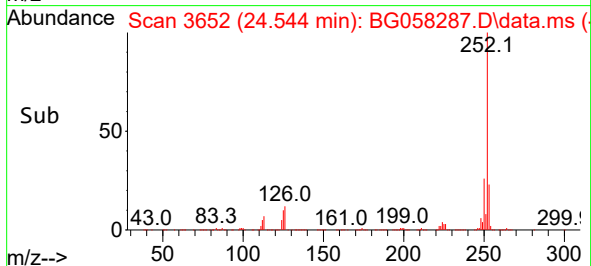
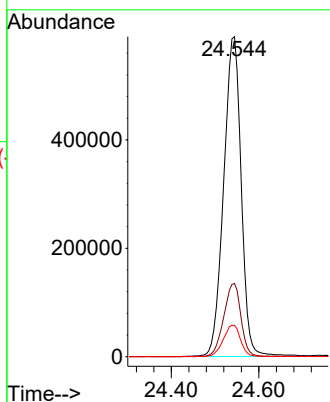
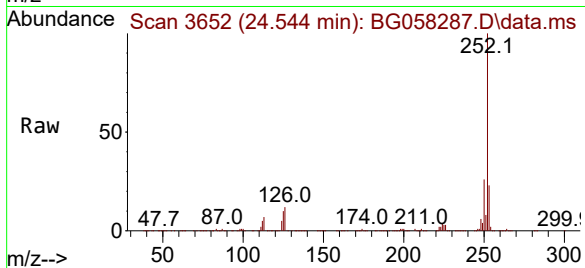
Tgt Ion:252 Resp: 1636261

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.8 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 79.665 ng/ul

RT: 28.263 min Scan# 4285

Delta R.T. 0.035 min

Lab File: BG058287.D

Acq: 17 Jul 2023 17:58

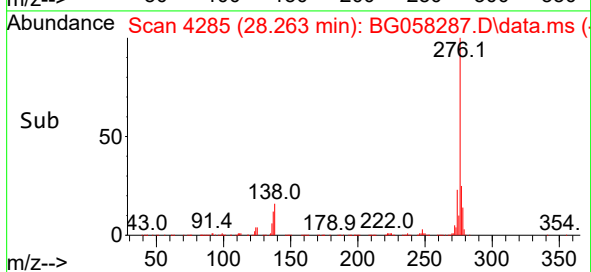
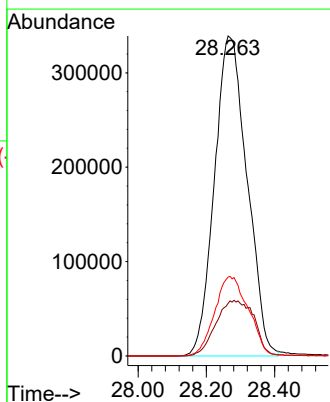
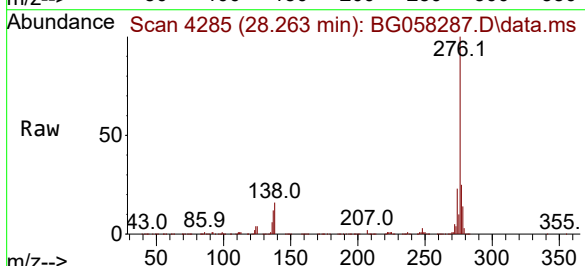
Tgt Ion:276 Resp: 2246049

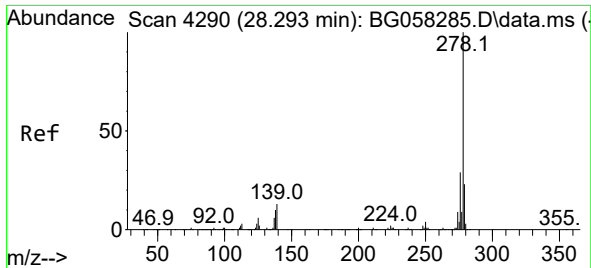
Ion Ratio Lower Upper

276 100

138 16.5 13.8 20.6

277 24.7 19.2 28.8

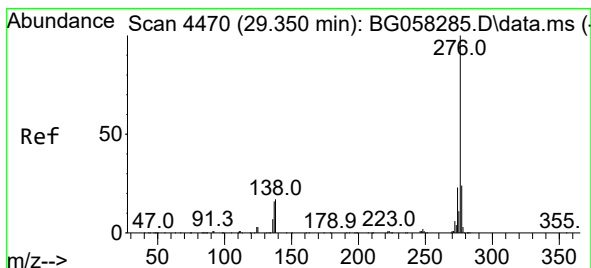
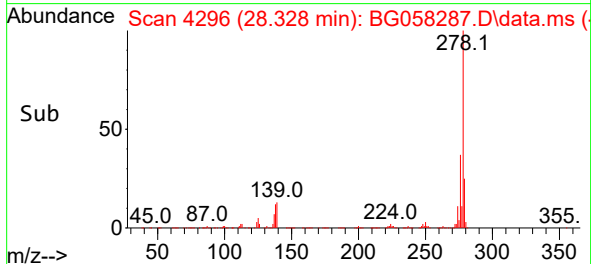
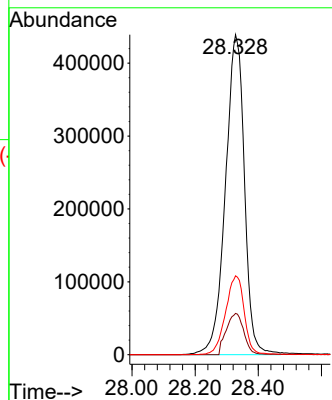
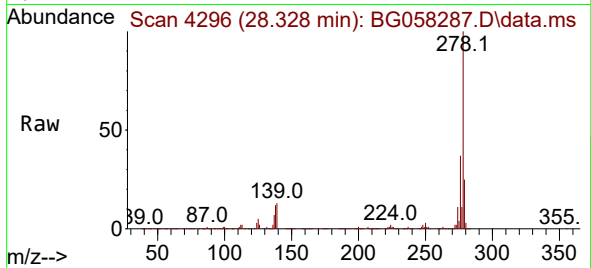




#95
 Dibenzo(a,h)anthracene
 Concen: 78.966 ng/ul
 RT: 28.328 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BG058287.D
 Acq: 17 Jul 2023 17:58

Instrument :
 BNA_G
 ClientSampleId :
 SST080446

Tgt Ion:278 Resp: 1835850
 Ion Ratio Lower Upper
 278 100
 139 12.9 10.4 15.6
 279 24.6 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 80.907 ng/ul
 RT: 29.409 min Scan# 4480
 Delta R.T. 0.059 min
 Lab File: BG058287.D
 Acq: 17 Jul 2023 17:58

Tgt Ion:276 Resp: 1863162
 Ion Ratio Lower Upper
 276 100
 138 16.8 13.5 20.3
 277 24.6 19.4 29.2

