

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
 Data File : BG059286.D
 Acq On : 4 Oct 2023 18:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020584

Quant Time: Oct 04 22:49:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35814	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	175125	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	113833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	250187	20.000	ng/u1	0.00
79) Chrysene-d12	21.907	240	219599	20.000	ng/u1	-0.01
88) Perylene-d12	25.385	264	267905	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	8583	9.045	ng/uL	0.00
4) Pyridine-d5	3.963	84	65615	23.698	ng/u1	0.00
7) Phenol-d5	7.359	99	86137	24.028	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	50923	22.236	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	59531	24.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	65082	23.486	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	32128	25.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	34851	28.727	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	67520	27.093	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	97163	24.097	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	198515	24.121	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	244968	23.714	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	33023	22.977	ng/u1	0.00
60) Fluorene-d10	15.849	176	184100	23.503	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	31774	24.707	ng/u1	0.00
73) Anthracene-d10	17.712	188	269800	23.667	ng/u1	0.00
81) Pyrene-d10	19.986	212	302900	24.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.144	264	305532	23.732	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	10099	9.059	ng/uL#	77
5) Pyridine	3.987	79	64494	22.939	ng/u1	90
6) Benzaldehyde	7.377	77	40658	25.826	ng/u1	92
8) Phenol	7.389	94	81346	22.810	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.647	93	68042	23.264	ng/u1	90
12) 2-Chlorophenol	7.782	128	61028	24.019	ng/u1	96
13) 2-Methylphenol	8.658	108	62356	23.143	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	78971	12.214	ng/u1#	96
16) Acetophenone	9.075	105	100872	23.504	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.034	70	52114	23.938	ng/u1#	95
18) 4-Methylphenol	8.993	108	69134	24.217	ng/u1	95
19) Hexachloroethane	9.310	117	22148	22.126	ng/u1	96
22) Nitrobenzene	9.468	77	73557	24.113	ng/u1	96
23) Isophorone	9.980	82	152496	23.246	ng/u1	98
25) 2-Nitrophenol	10.179	139	36242	27.113	ng/u1#	93
26) 2,4-Dimethylphenol	10.203	107	69873	24.447	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.461	93	99114	23.946	ng/u1	99
29) 2,4-Dichlorophenol	10.702	162	65038	26.253	ng/u1	97
30) Naphthalene	11.119	128	224762	23.937	ng/u1	97
32) 4-Chloroaniline	11.243	127	92843	24.079	ng/u1	94
33) Hexachlorobutadiene	11.349	225	40785	24.599	ng/u1	89
34) Caprolactam	12.018	113	19648	22.922	ng/u1	88
35) 4-Chloro-3-methylphenol	12.324	107	69043	26.121	ng/u1	96
36) 2-Methylnaphthalene	12.706	142	147832	24.033	ng/u1	97

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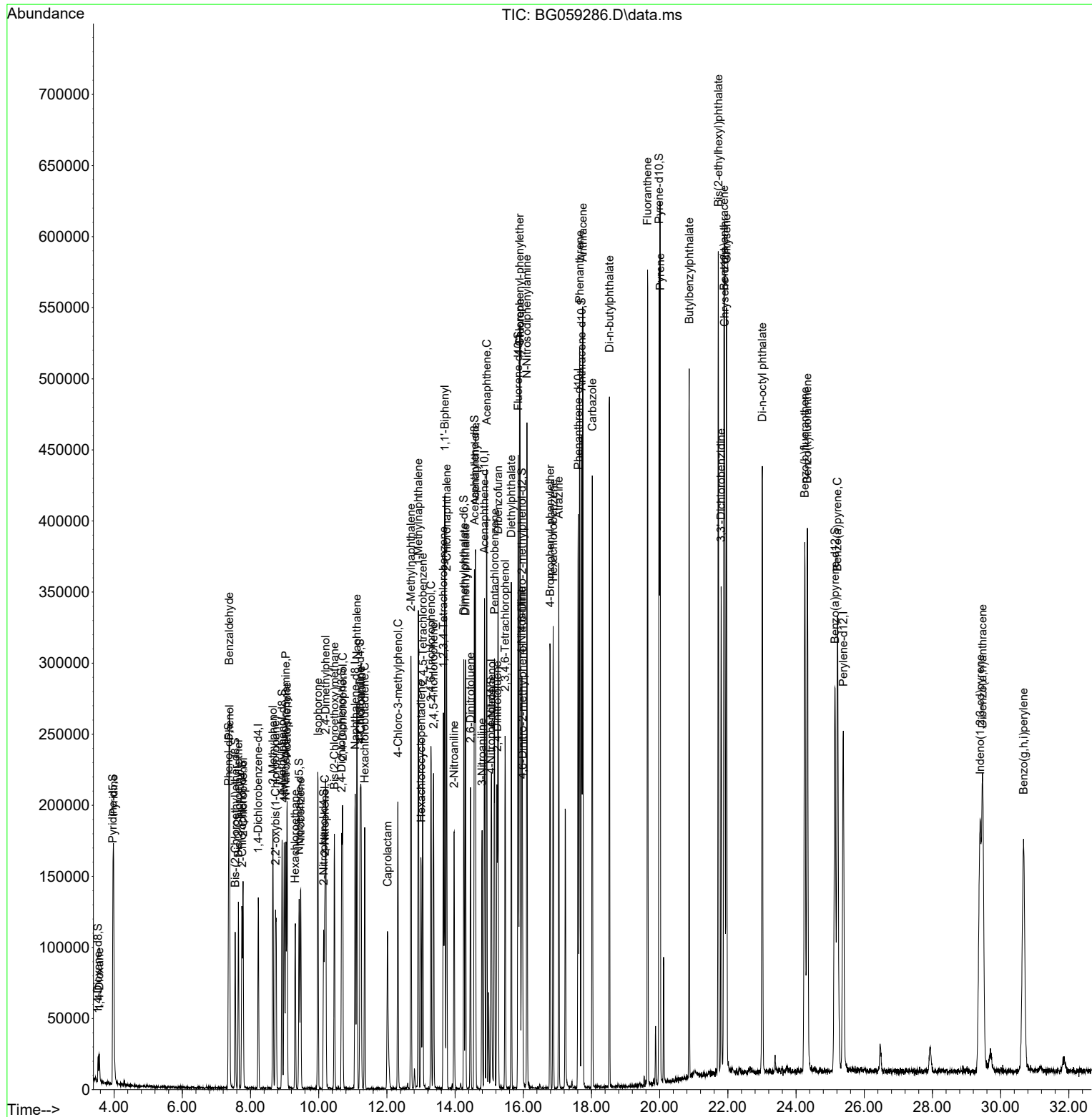
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	156452	25.060	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	81063	23.786	ng/ul	98
40) Hexachlorocyclopentadiene	13.005	237	45038	21.424	ng/ul	99
41) 2,4,6-Trichlorophenol	13.293	196	52920	25.363	ng/ul#	76
42) 2,4,5-Trichlorophenol	13.370	196	55658	25.422	ng/ul	93
43) 1,1'-Biphenyl	13.699	154	215444	23.435	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	162729	23.510	ng/ul	95
45) 2-Nitroaniline	13.969	65	54697	28.015	ng/ul	90
47) Dimethylphthalate	14.304	163	198433	23.540	ng/ul#	99
48) 2,6-Dinitrotoluene	14.451	165	40342	28.137	ng/ul#	94
50) Acenaphthylene	14.598	152	258761	23.467	ng/ul#	94
51) 3-Nitroaniline	14.792	138	40541	26.193	ng/ul#	95
52) Acenaphthene	14.927	153	179048	23.657	ng/ul	95
55) 4-Nitrophenol	15.068	109	24740	24.403	ng/ul	98
56) Dibenzofuran	15.262	168	240474	23.969	ng/ul	100
57) 2,4-Dinitrotoluene	15.232	165	56447	26.589	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.467	232	51396	25.931	ng/ul	92
59) Diethylphthalate	15.649	149	190474	23.373	ng/ul	94
61) Fluorene	15.908	166	200930	23.853	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.890	204	102424	24.391	ng/ul	93
63) 4-Nitroaniline	15.955	138	33760	23.702	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.978	198	34553	25.482	ng/ul#	81
67) N-Nitrosodiphenylamine	16.108	169	163680	24.543	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	59098	24.383	ng/ul	96
69) Hexachlorobenzene	16.877	284	68007	24.837	ng/ul	96
70) Atrazine	17.042	200	63264	24.948	ng/ul	95
72) Phenanthrene	17.653	178	331504	24.144	ng/ul	99
74) Anthracene	17.747	178	334522	23.596	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.658	216	82771	25.105	ng/uL	92
76) Pentachlorobenzene	15.156	250	78554	24.130	ng/uL	99
77) Carbazole	18.023	167	280532	24.278	ng/ul	98
78) Di-n-butylphthalate	18.528	149	338413	24.707	ng/ul	100
80) Fluoranthene	19.645	202	373427	24.649	ng/ul#	96
82) Pyrene	20.015	202	392689	24.472	ng/ul	99
83) Butylbenzylphthalate	20.867	149	143609	25.378	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.801	252	134139	26.376	ng/ul	99
85) Benzo(a)anthracene	21.889	228	376389	24.348	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	217417	25.302	ng/ul	98
87) Chrysene	21.960	228	358115	24.528	ng/ul	97
89) Di-n-octyl phthalate	23.011	149	366498	23.522	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	382073	23.285	ng/ul	100
91) Benzo(k)fluoranthene	24.333	252	397381	23.901	ng/ul	99
93) Benzo(a)pyrene	25.215	252	374013	24.028	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.398	276	336240	19.082	ng/ul	97
95) Dibenzo(a,h)anthracene	29.469	278	339716	23.708	ng/ul	97
96) Benzo(g,h,i)perylene	30.673	276	329254	22.981	ng/ul	97

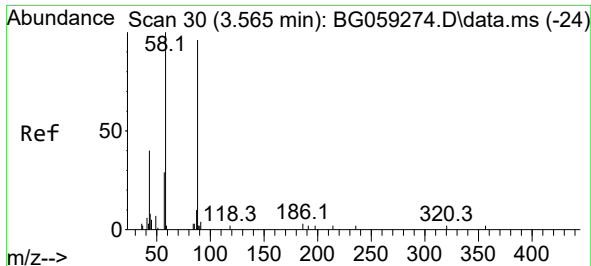
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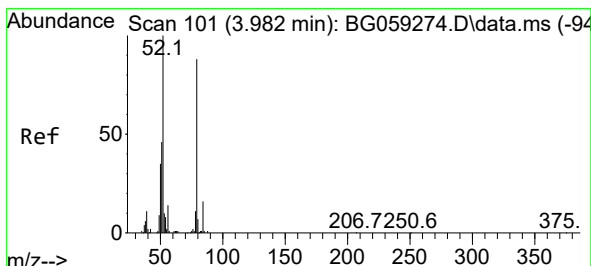
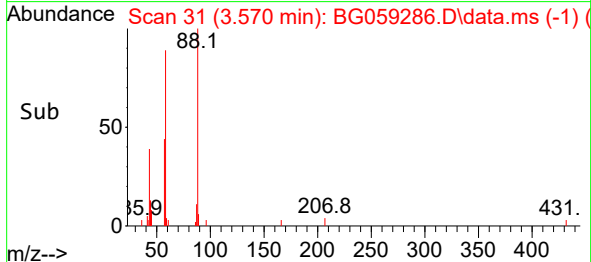
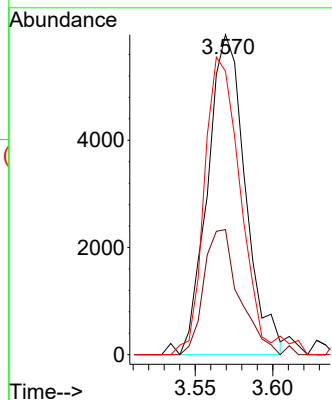
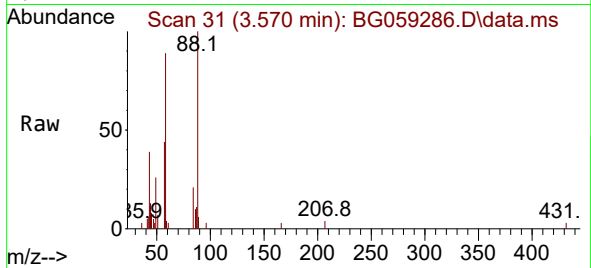




#2
1,4-Dioxane
Concen: 9.059 ng/uL
RT: 3.570 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

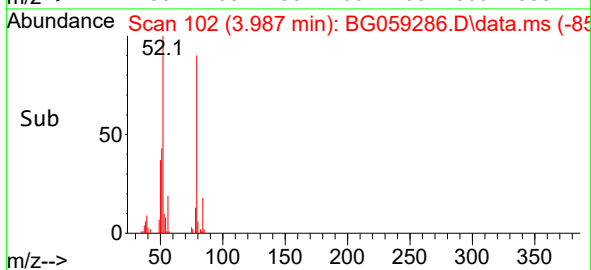
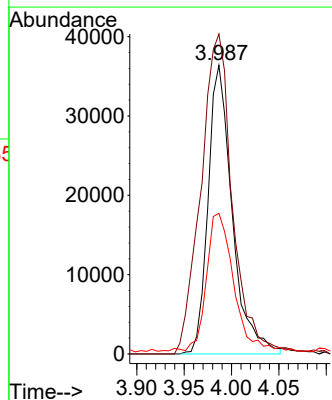
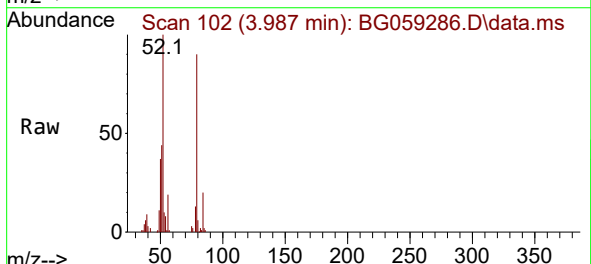
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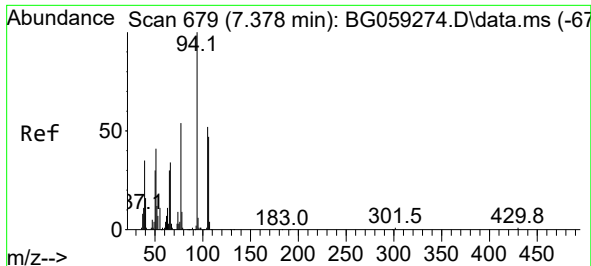
Tgt Ion: 88 Resp: 10099
Ion Ratio Lower Upper
88 100
43 39.1 34.5 51.7
58 88.5 96.6 145.0#



#5
Pyridine
Concen: 22.939 ng/uL
RT: 3.987 min Scan# 102
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 79 Resp: 64494
Ion Ratio Lower Upper
79 100
52 110.8 94.8 142.2
51 48.7 48.2 72.2

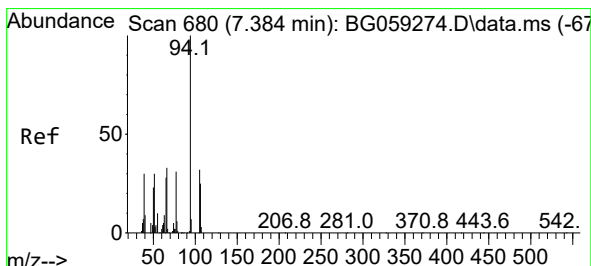
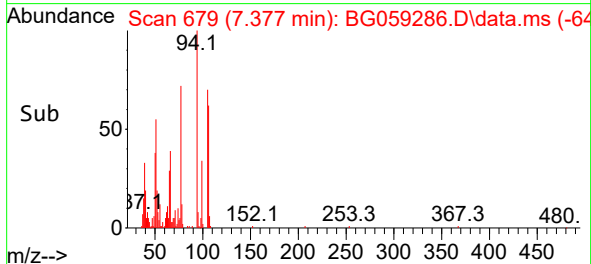
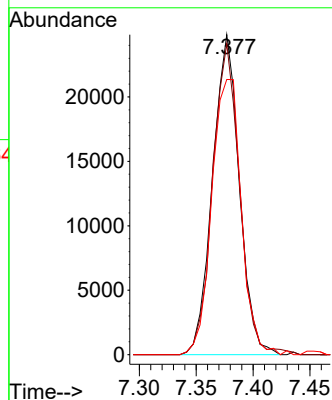
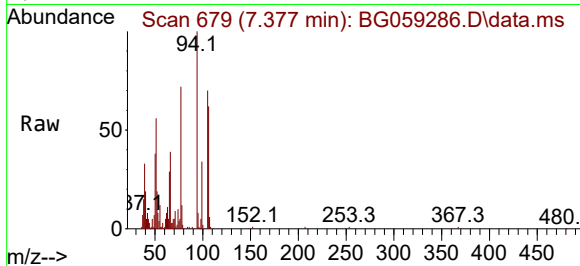




#6
Benzaldehyde
Concen: 25.826 ng/ul
RT: 7.377 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

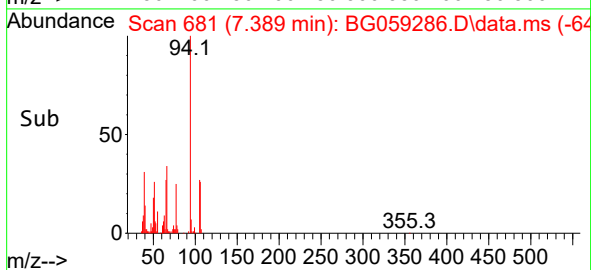
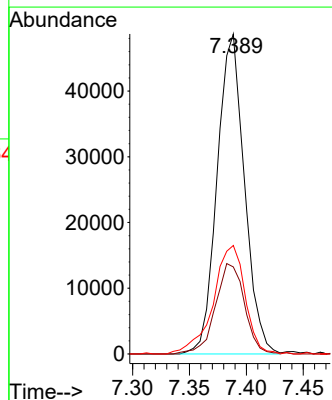
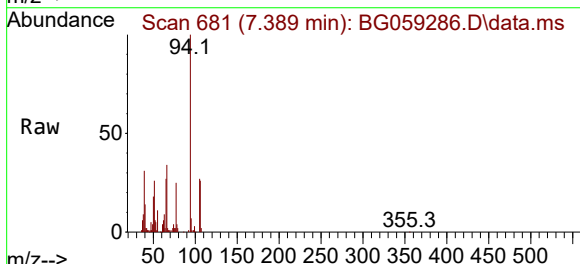
Instrument :
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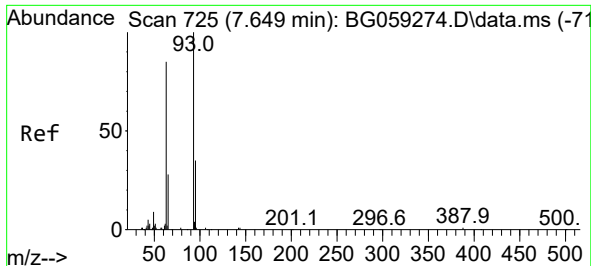
Tgt Ion: 77 Resp: 40658
Ion Ratio Lower Upper
77 100
105 97.2 81.4 122.2
106 86.0 78.3 117.5



#8
Phenol
Concen: 22.810 ng/ul
RT: 7.389 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 94 Resp: 81346
Ion Ratio Lower Upper
94 100
65 27.2 23.6 35.4
66 33.9 24.6 37.0

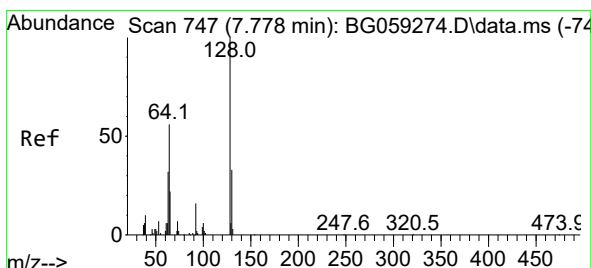
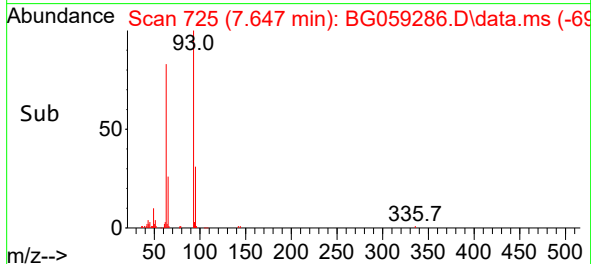
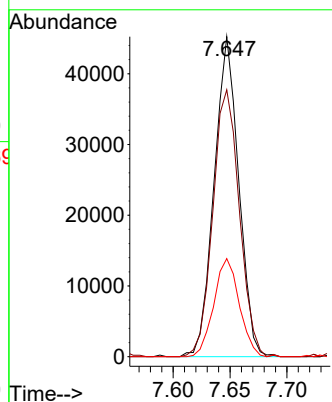
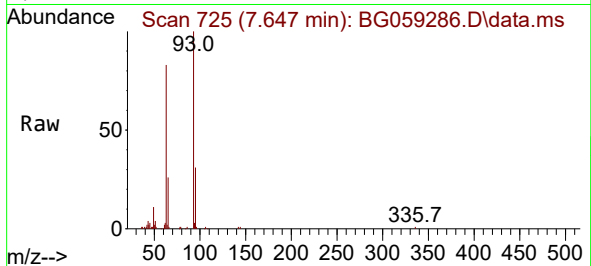




#10
Bis(2-Chloroethyl)ether
Concen: 23.264 ng/ul
RT: 7.647 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG059286.D
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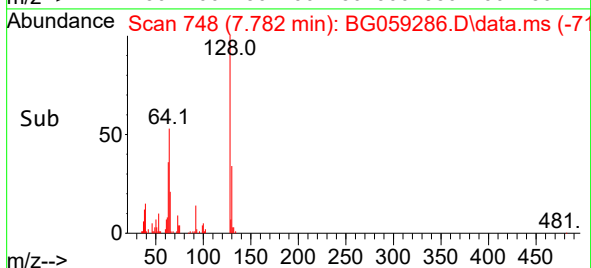
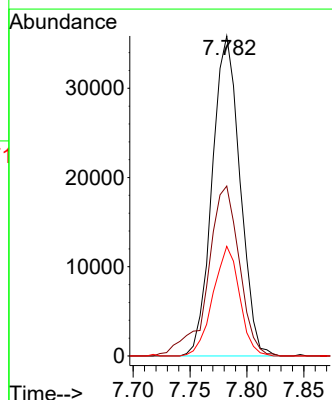
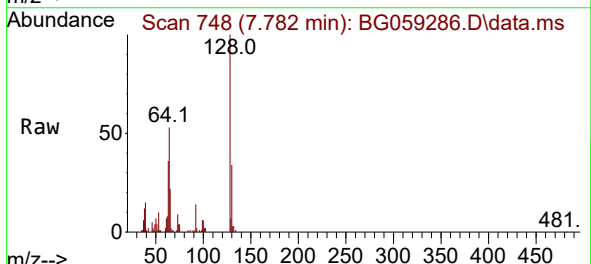
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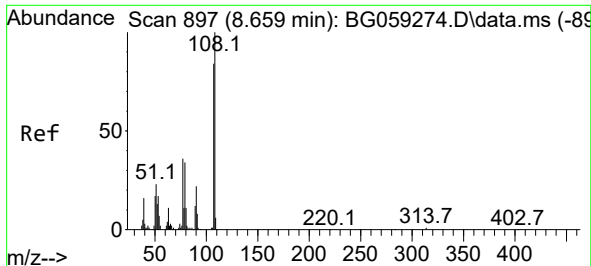
Tgt Ion: 93 Resp: 68042
Ion Ratio Lower Upper
93 100
63 83.4 76.0 114.0
95 30.7 26.6 39.8



#12
2-Chlorophenol
Concen: 24.019 ng/ul
RT: 7.782 min Scan# 748
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:128 Resp: 61028
Ion Ratio Lower Upper
128 100
64 53.1 42.6 64.0
130 34.2 23.3 34.9

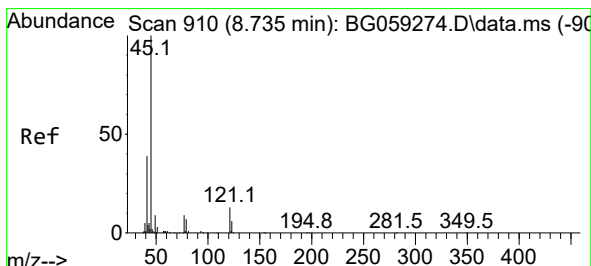
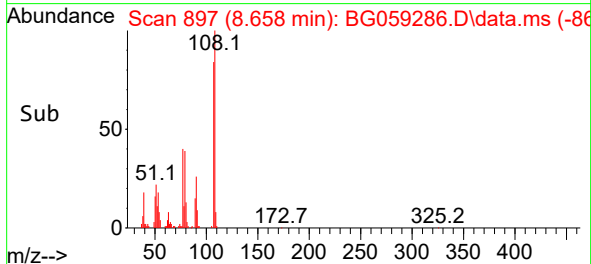
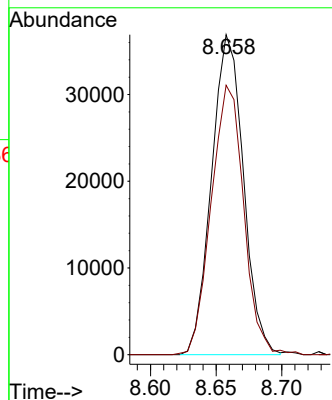
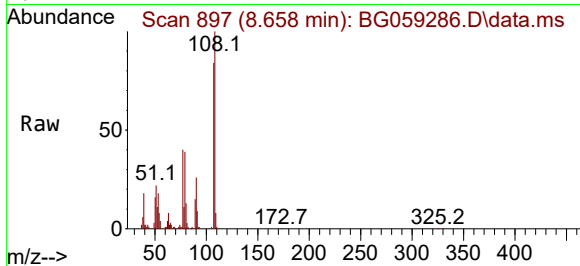




#13
2-Methylphenol
Concen: 23.143 ng/ul
RT: 8.658 min Scan# 897
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

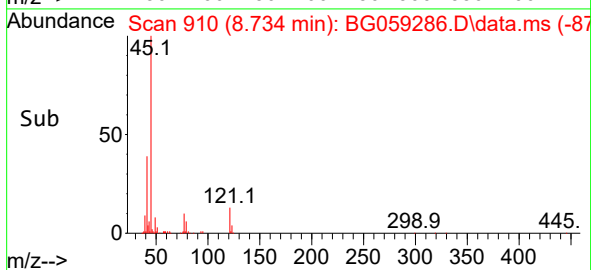
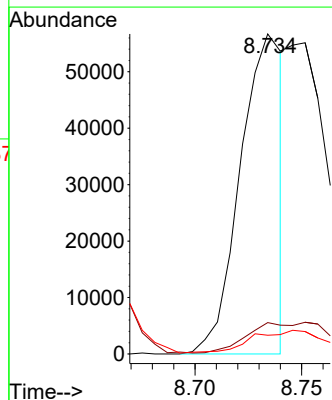
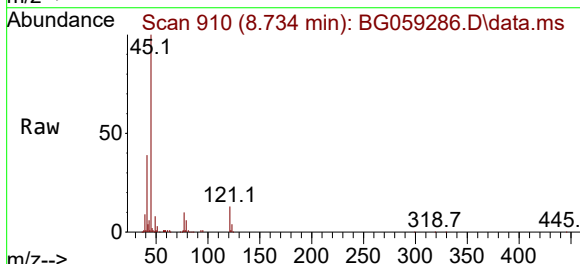
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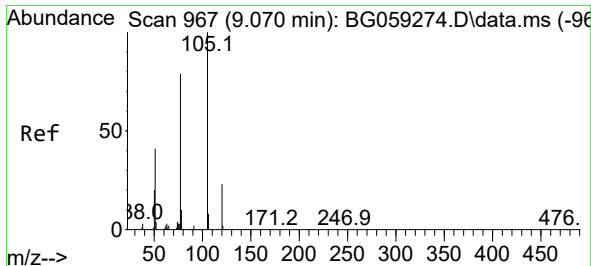
Tgt Ion:108 Resp: 62356
Ion Ratio Lower Upper
108 100
107 84.2 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 12.214 ng/ul
RT: 8.734 min Scan# 910
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 45 Resp: 78971
Ion Ratio Lower Upper
45 100
77 9.8 6.6 9.8
79 5.9 5.9 8.9

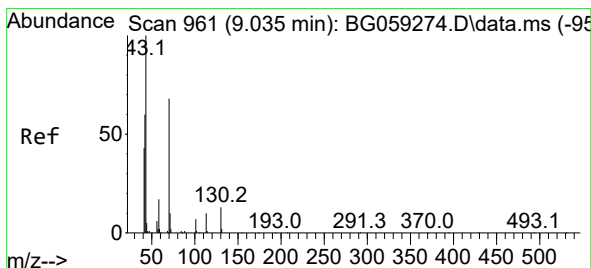
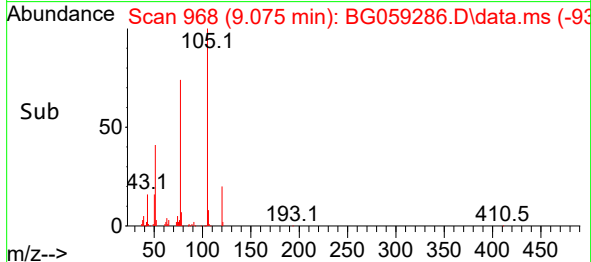
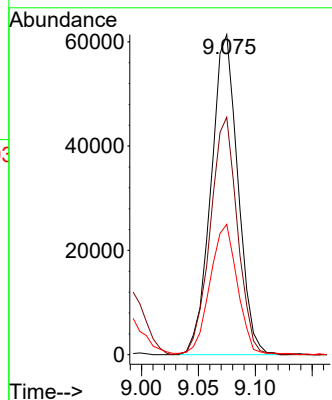
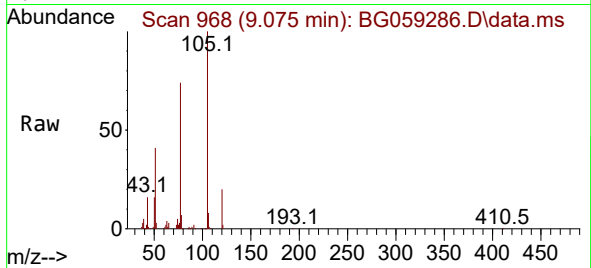




#16
Acetophenone
Concen: 23.504 ng/ul
RT: 9.075 min Scan# 967
Delta R.T. -0.002 min
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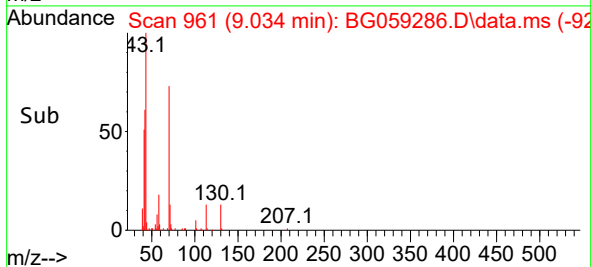
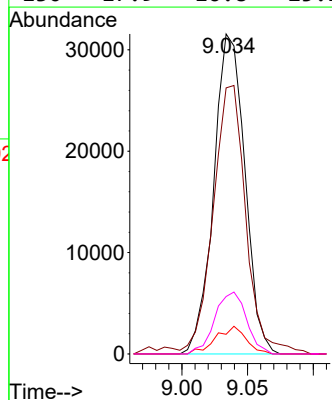
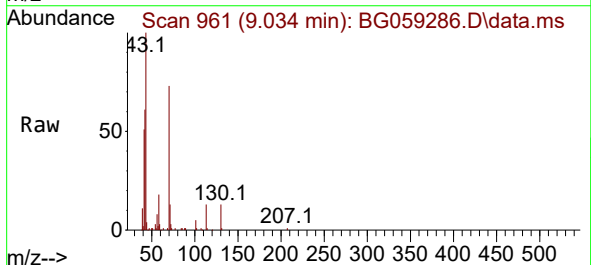
Instrument :
BNA_G
ClientSampleId :
SSTD020584

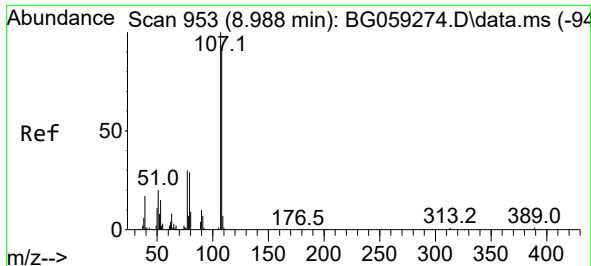
Tgt Ion:105 Resp: 100872
Ion Ratio Lower Upper
105 100
77 74.2 58.8 88.2
51 40.7 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 23.938 ng/ul
RT: 9.034 min Scan# 961
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 70 Resp: 52114
Ion Ratio Lower Upper
70 100
42 83.2 69.6 104.4
101 6.1 6.7 10.1#
130 17.9 16.8 25.2

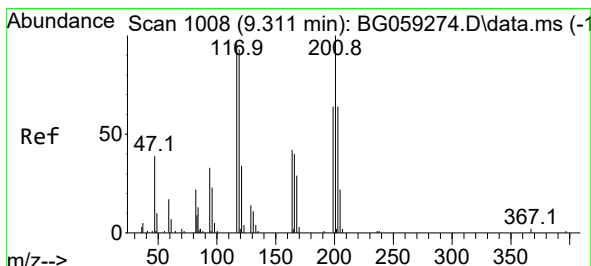
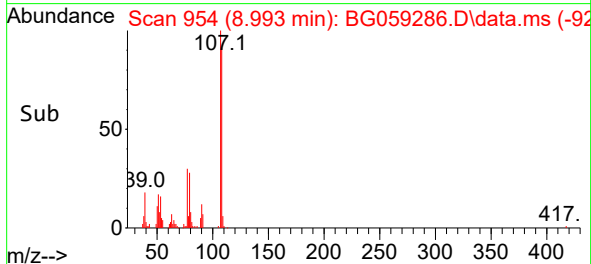
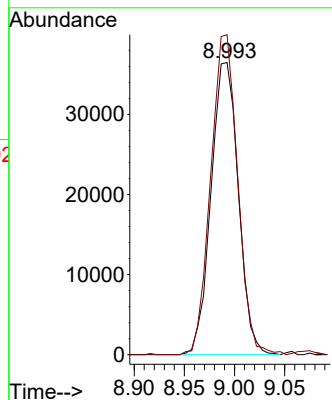
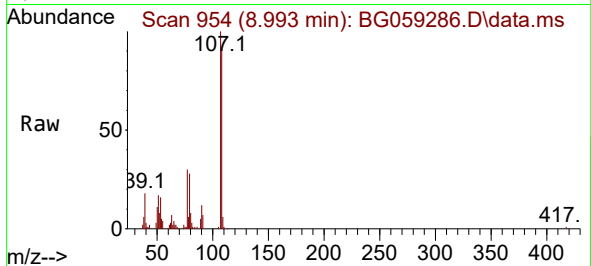




#18
4-Methylphenol
Concen: 24.217 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

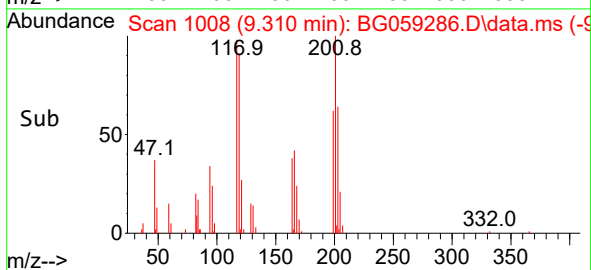
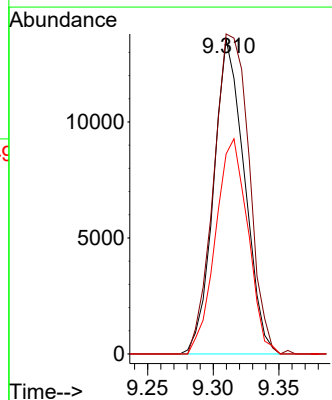
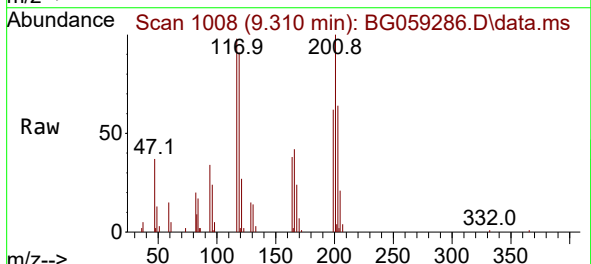
Instrument :
BNA_G
ClientSampleId :
SSTD020584

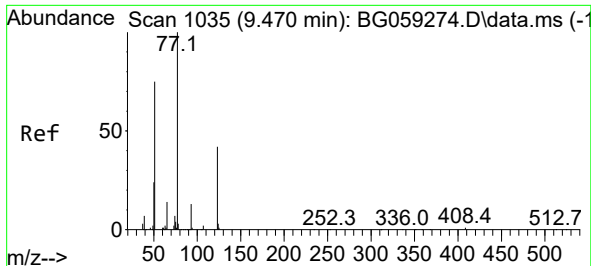
Tgt Ion:108 Resp: 69134
Ion Ratio Lower Upper
108 100
107 109.5 83.8 125.8



#19
Hexachloroethane
Concen: 22.126 ng/ul
RT: 9.310 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:117 Resp: 22148
Ion Ratio Lower Upper
117 100
201 101.8 78.2 117.4
199 63.6 53.5 80.3

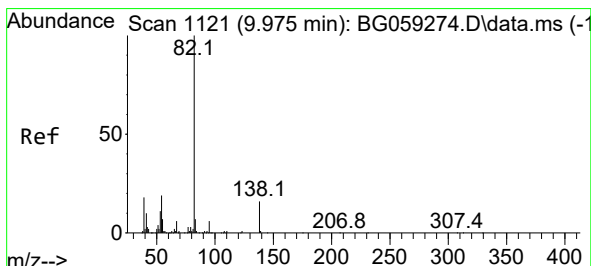
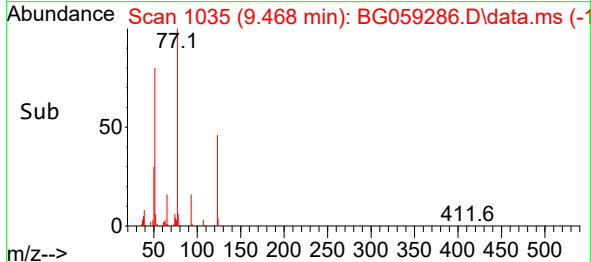
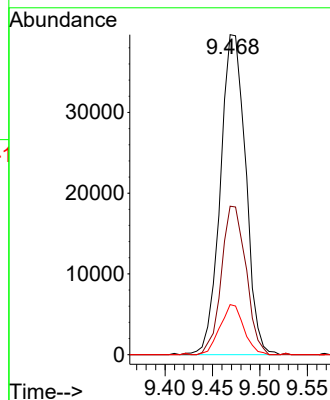
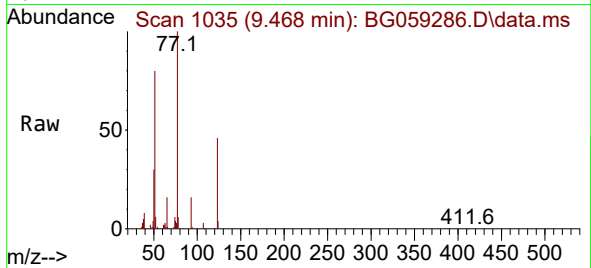




#22
Nitrobenzene
Concen: 24.113 ng/ul
RT: 9.468 min Scan# 1035
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

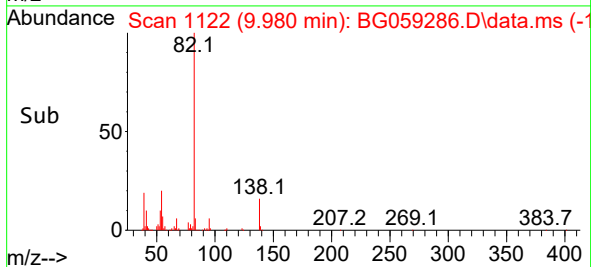
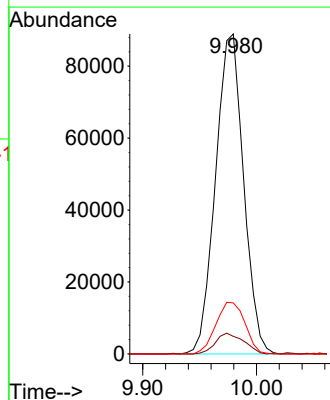
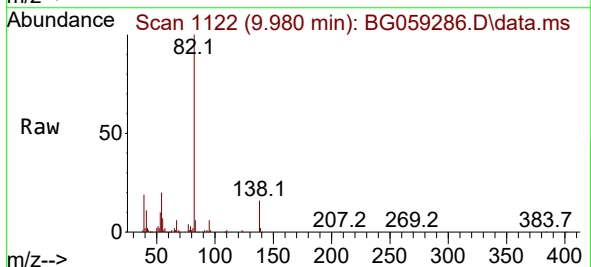
Instrument :
BNA_G
ClientSampleId :
SSTD020584

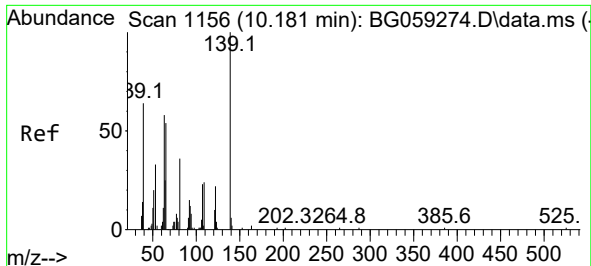
Tgt Ion: 77 Resp: 73557
Ion Ratio Lower Upper
77 100
123 46.4 34.6 52.0
65 15.7 13.0 19.4



#23
Isophorone
Concen: 23.246 ng/ul
RT: 9.980 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 82 Resp: 152496
Ion Ratio Lower Upper
82 100
95 5.5 4.7 7.1
138 16.0 13.5 20.3

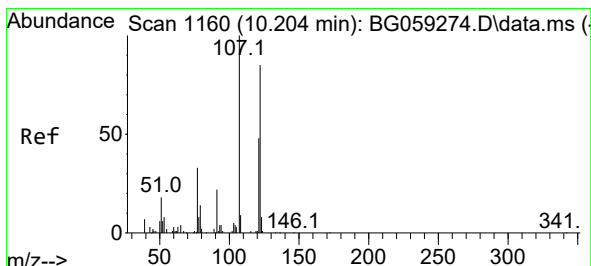
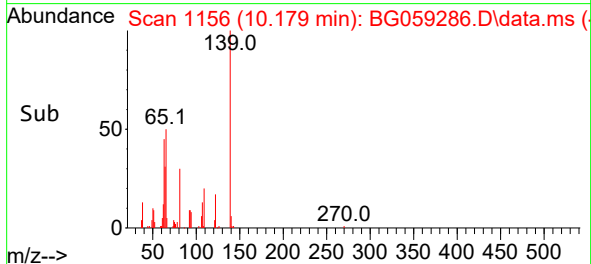
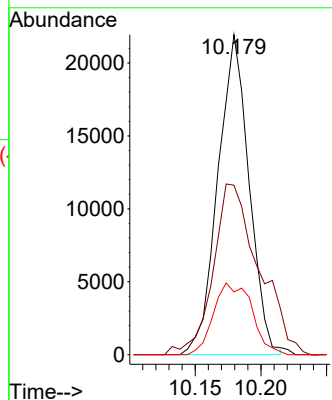
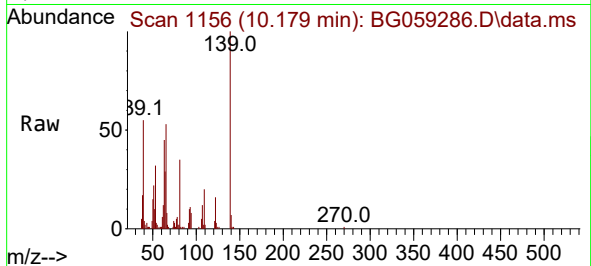




#25
2-Nitrophenol
Concen: 27.113 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

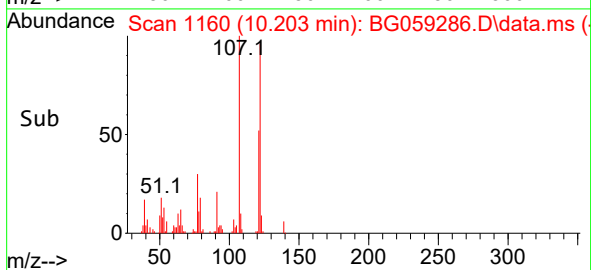
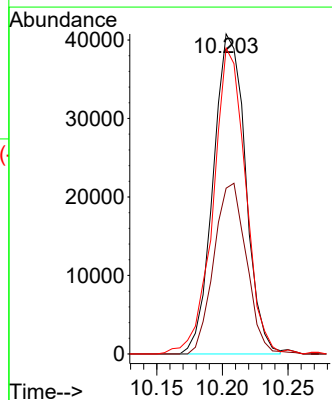
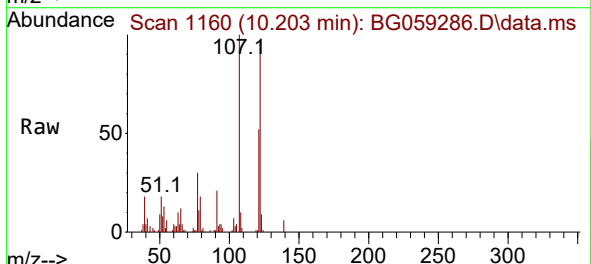
Instrument :
BNA_G
ClientSampleId :
SSTD020584

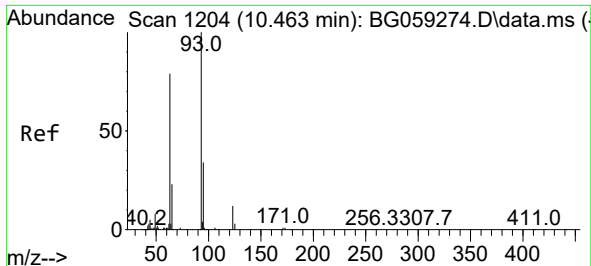
Tgt Ion:139 Resp: 36242
Ion Ratio Lower Upper
139 100
65 52.9 41.2 61.8
109 19.6 22.6 33.8#



#26
2,4-Dimethylphenol
Concen: 24.447 ng/ul
RT: 10.203 min Scan# 1160
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:107 Resp: 69873
Ion Ratio Lower Upper
107 100
121 51.8 42.3 63.5
122 95.6 75.2 112.8

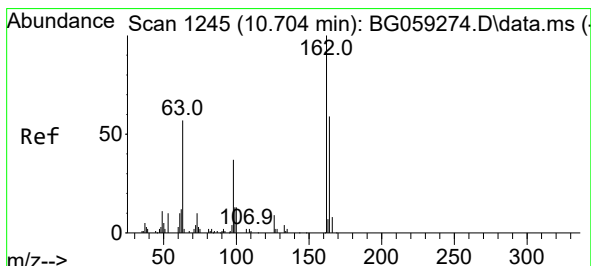
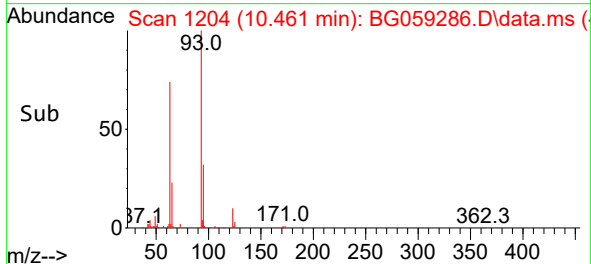
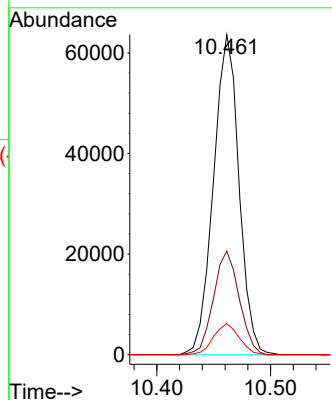
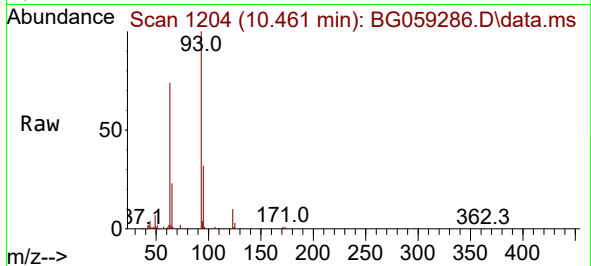




#27
 Bis(2-Chloroethoxy)methane
 Concen: 23.946 ng/ul
 RT: 10.461 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

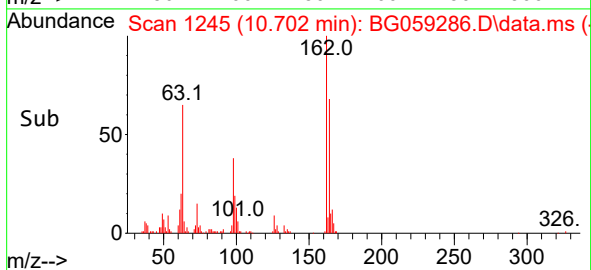
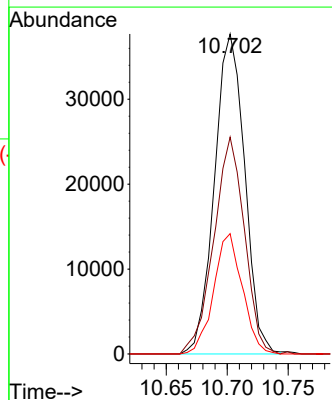
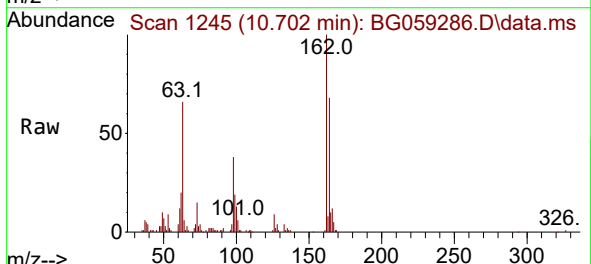
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020584

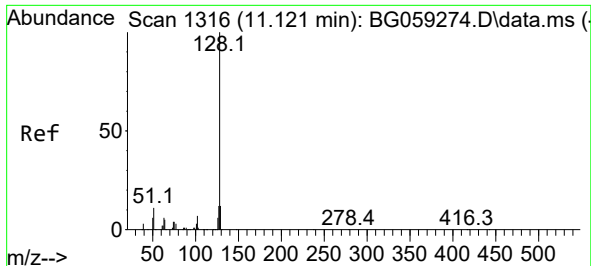
Tgt Ion: 93 Resp: 99114
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.7 7.3 10.9



#29
 2,4-Dichlorophenol
 Concen: 26.253 ng/ul
 RT: 10.702 min Scan# 1245
 Delta R.T. -0.002 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

Tgt Ion:162 Resp: 65038
 Ion Ratio Lower Upper
 162 100
 164 67.7 52.5 78.7
 98 37.6 28.9 43.3

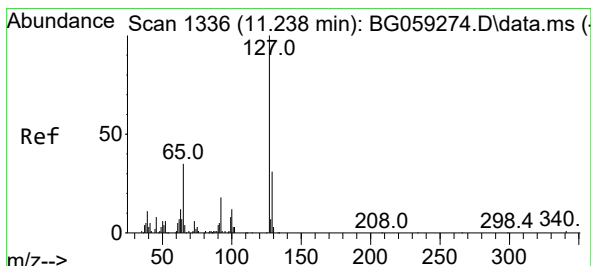
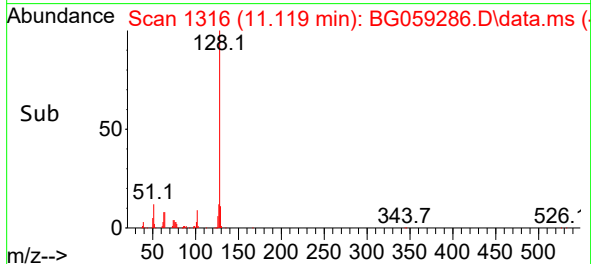
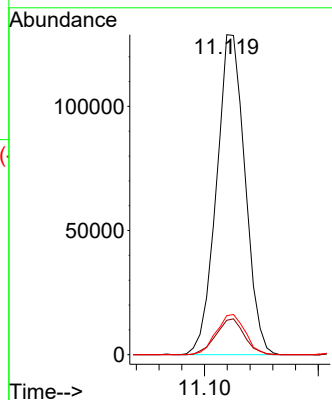
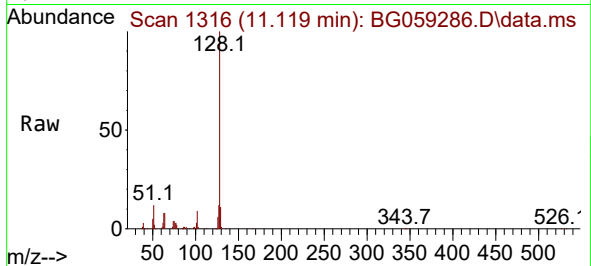




#30
Naphthalene
Concen: 23.937 ng/ul
RT: 11.119 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

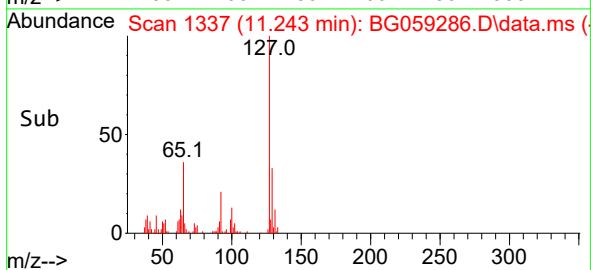
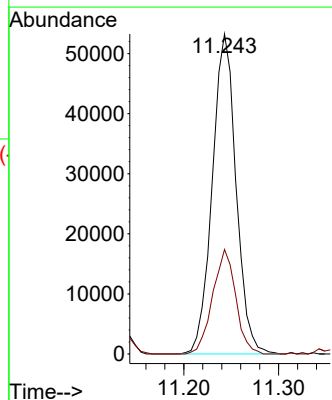
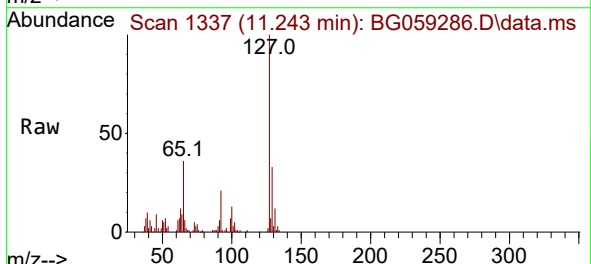
Instrument :
BNA_G
ClientSampleId :
SSTD020584

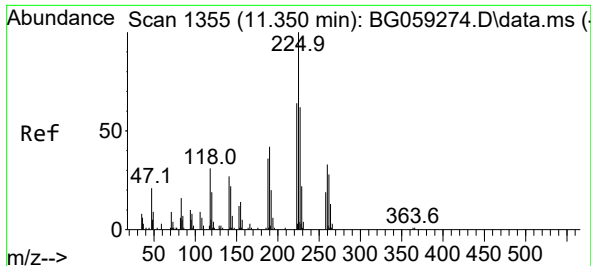
Tgt Ion:128 Resp: 224762
Ion Ratio Lower Upper
128 100
129 10.8 8.0 12.0
127 12.2 11.1 16.7



#32
4-Chloroaniline
Concen: 24.079 ng/ul
RT: 11.243 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:127 Resp: 92843
Ion Ratio Lower Upper
127 100
129 32.7 23.6 35.4

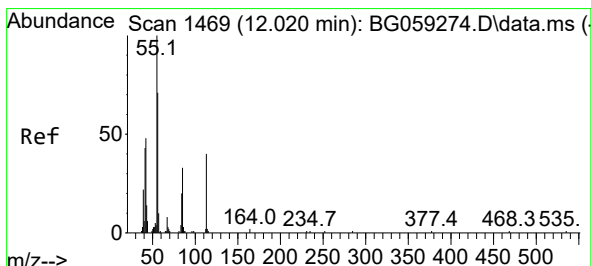
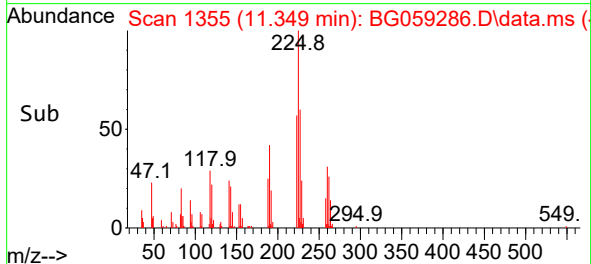
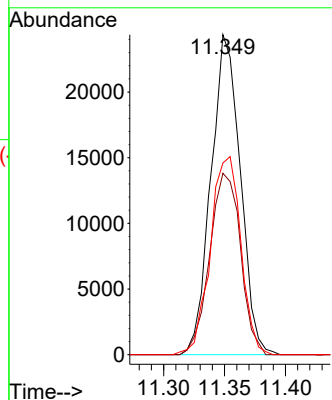
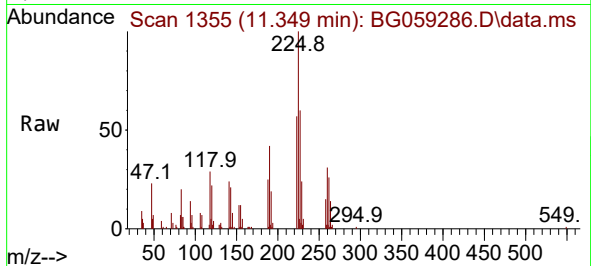




#33
Hexachlorobutadiene
Concen: 24.599 ng/ul
RT: 11.349 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

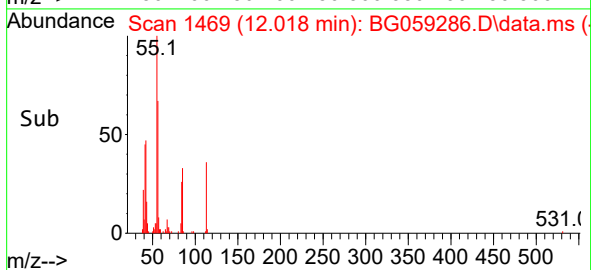
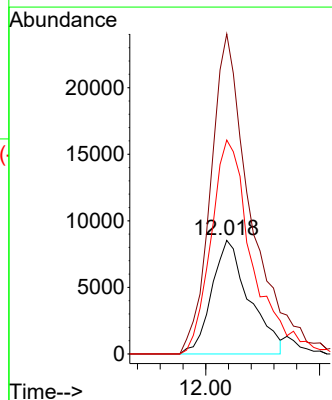
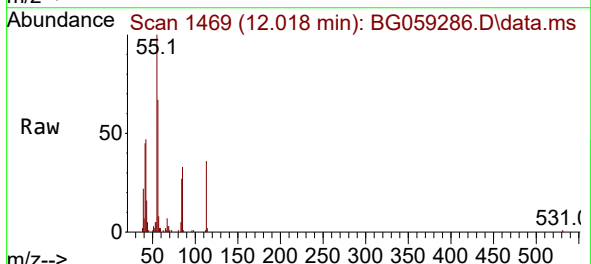
Instrument :
BNA_G
ClientSampleId :
SSTD020584

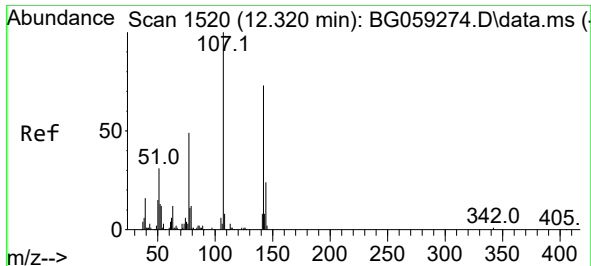
Tgt Ion:225 Resp: 40785
Ion Ratio Lower Upper
225 100
223 56.7 54.1 81.1
227 59.9 53.5 80.3



#34
Caprolactam
Concen: 22.922 ng/ul
RT: 12.018 min Scan# 1469
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:113 Resp: 19648
Ion Ratio Lower Upper
113 100
55 281.6 211.3 316.9
56 188.3 167.9 251.9

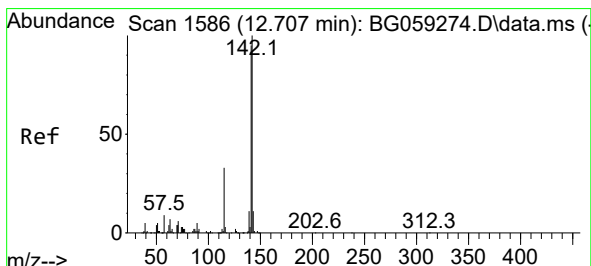
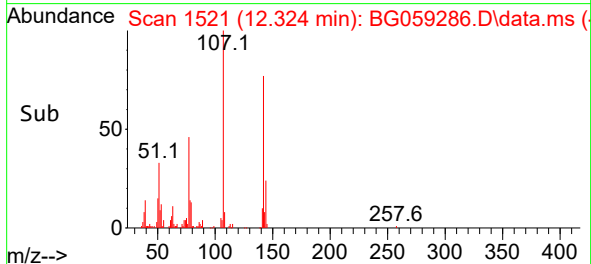
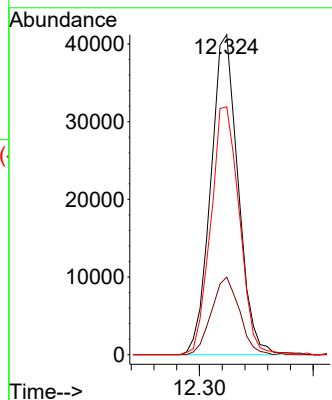
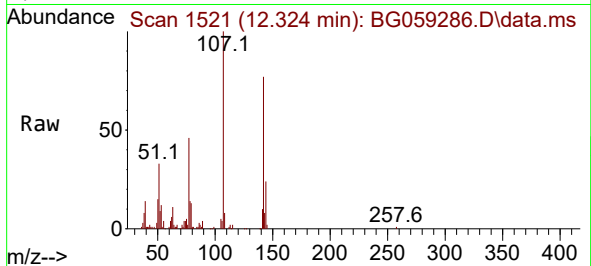




#35
4-Chloro-3-methylphenol
Concen: 26.121 ng/ul
RT: 12.324 min Scan# 1520
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

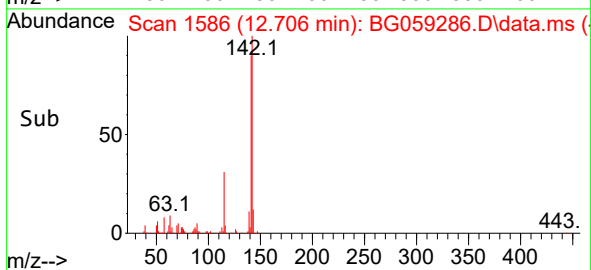
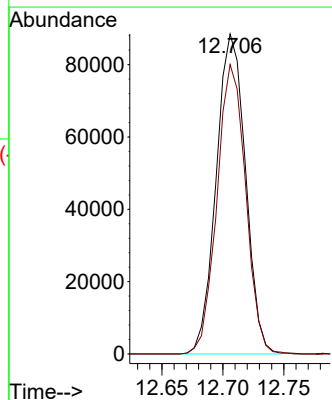
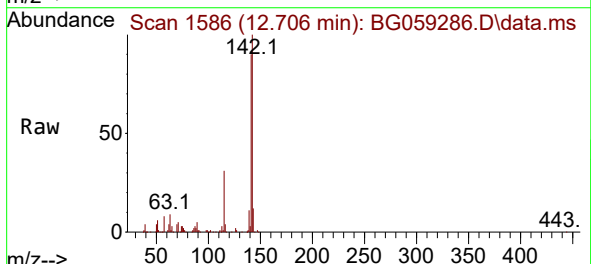
Instrument :
BNA_G
ClientSampleId :
SSTD020584

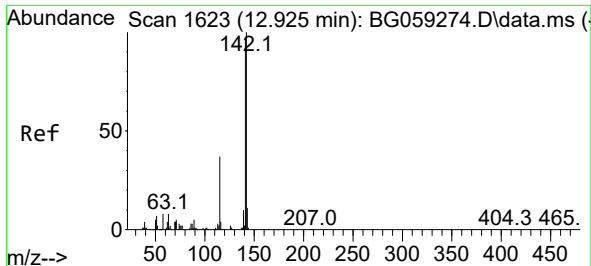
Tgt Ion:107 Resp: 69043
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 77.4 58.8 88.2



#36
2-Methylnaphthalene
Concen: 24.033 ng/ul
RT: 12.706 min Scan# 1586
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:142 Resp: 147832
Ion Ratio Lower Upper
142 100
141 90.5 70.2 105.2





#37

1-Methylnaphthalene

Concen: 25.060 ng/ul

RT: 12.923 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

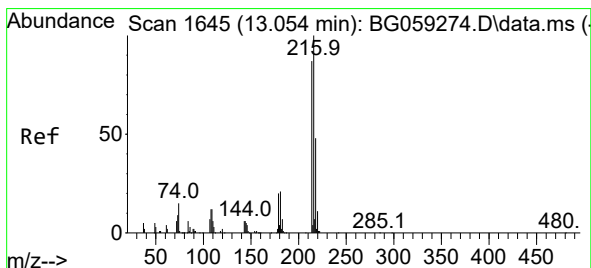
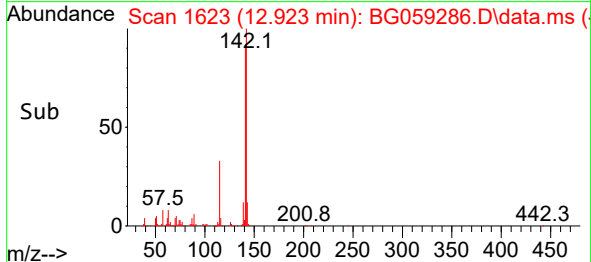
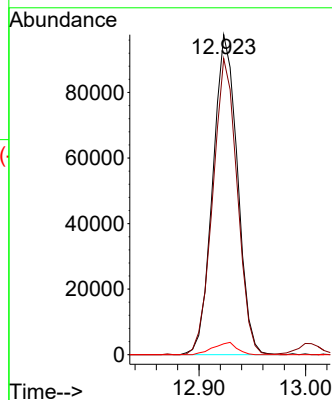
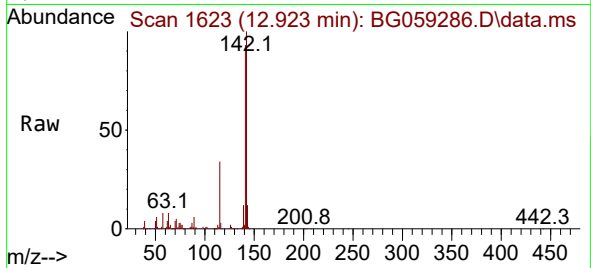
Tgt Ion:142 Resp: 156452

Ion Ratio Lower Upper

142 100

141 92.6 71.6 107.4

116 3.4 2.3 3.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.786 ng/ul

RT: 13.053 min Scan# 1645

Delta R.T. -0.002 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Tgt Ion:216 Resp: 81063

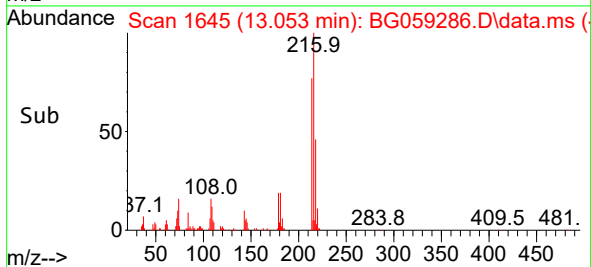
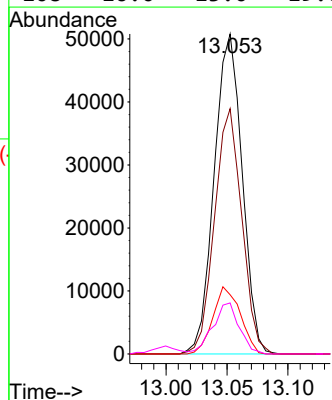
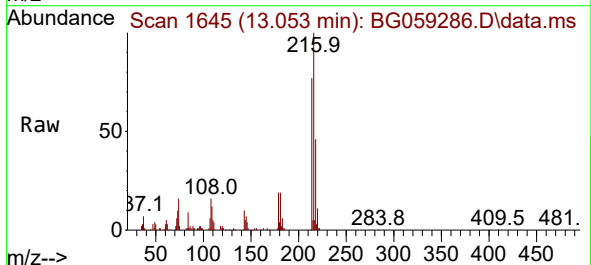
Ion Ratio Lower Upper

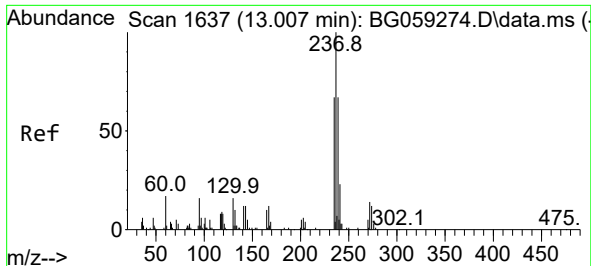
216 100

214 76.7 62.4 93.6

179 18.5 16.3 24.5

108 16.0 13.0 19.6

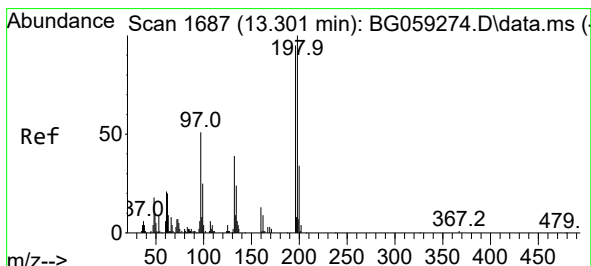
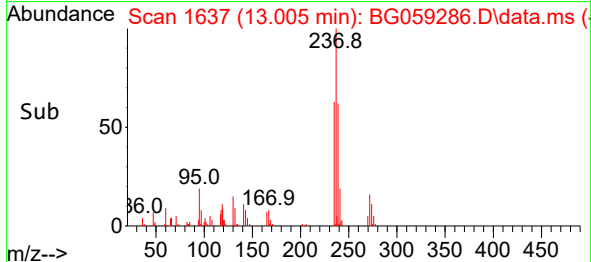
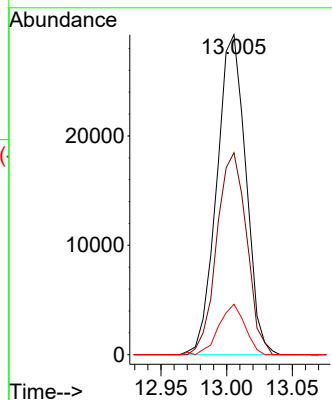
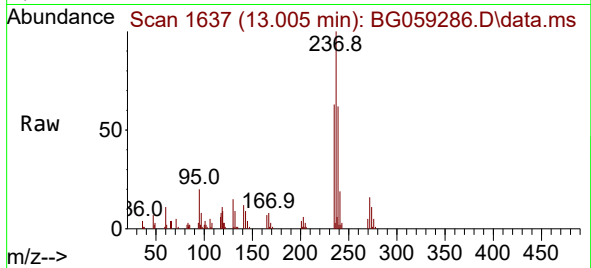




#40
Hexachlorocyclopentadiene
Concen: 21.424 ng/ul
RT: 13.005 min Scan# 1637
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

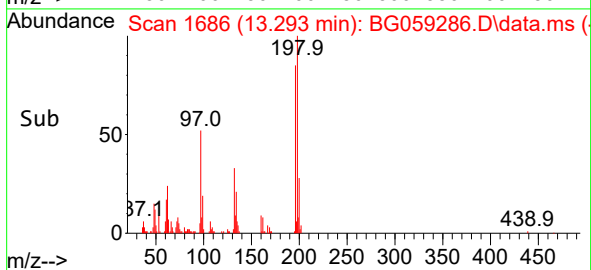
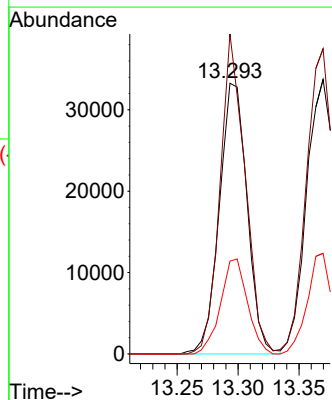
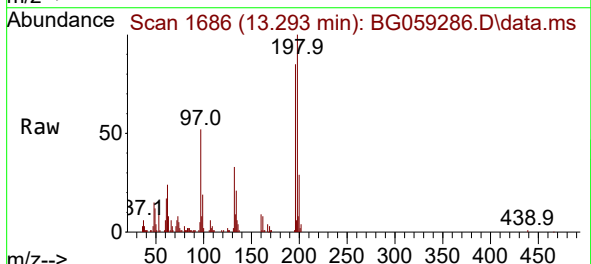
Instrument :
BNA_G
ClientSampleId :
SSTD020584

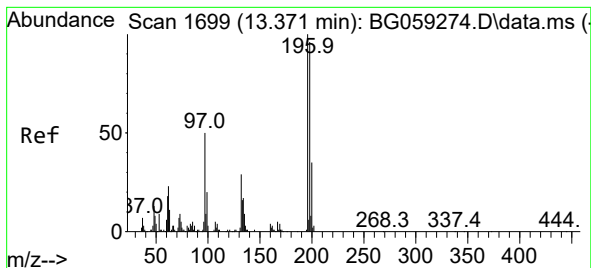
Tgt Ion:237 Resp: 45038
Ion Ratio Lower Upper
237 100
235 63.1 50.6 76.0
272 15.8 11.7 17.5



#41
2,4,6-Trichlorophenol
Concen: 25.363 ng/ul
RT: 13.293 min Scan# 1686
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:196 Resp: 52920
Ion Ratio Lower Upper
196 100
198 118.2 72.4 108.6#
200 34.3 23.8 35.8





#42

2,4,5-Trichlorophenol

Concen: 25.422 ng/ul

RT: 13.370 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

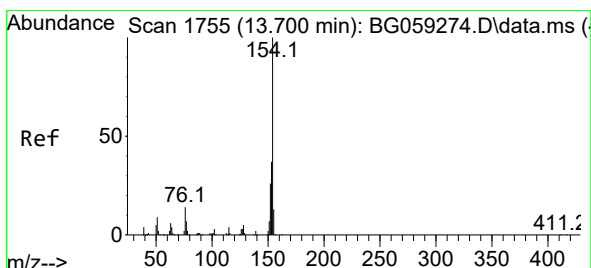
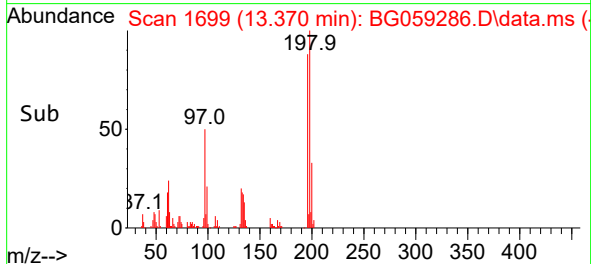
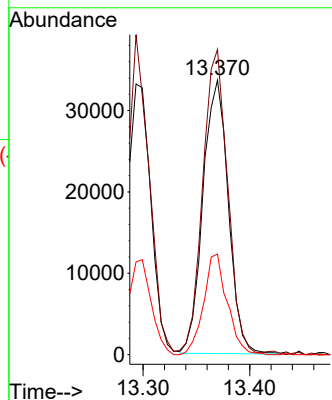
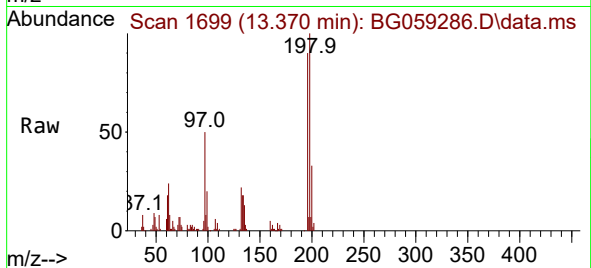
Tgt Ion:196 Resp: 55658

Ion Ratio Lower Upper

196 100

198 111.2 82.2 123.4

200 36.7 28.2 42.2



#43

1,1'-Biphenyl

Concen: 23.435 ng/ul

RT: 13.699 min Scan# 1755

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

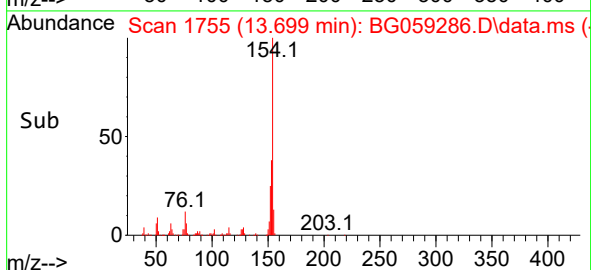
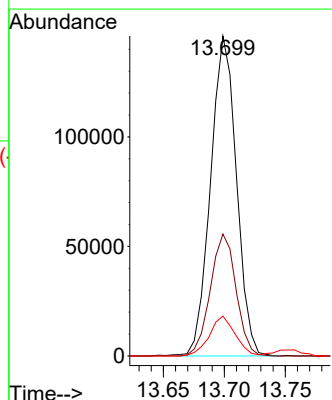
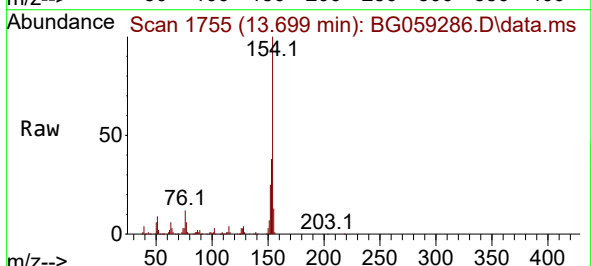
Tgt Ion:154 Resp: 215444

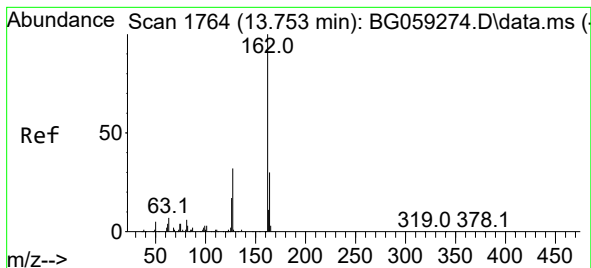
Ion Ratio Lower Upper

154 100

153 38.1 29.2 43.8

76 12.5 10.1 15.1

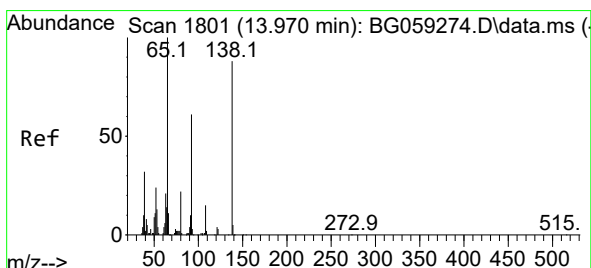
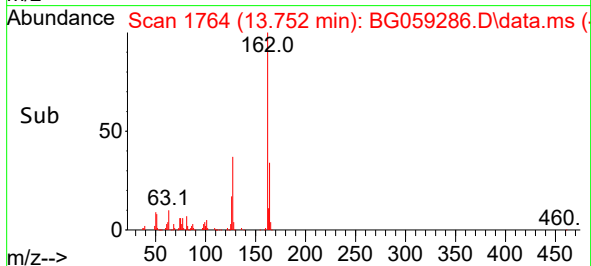
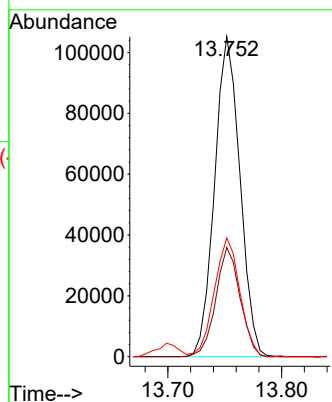
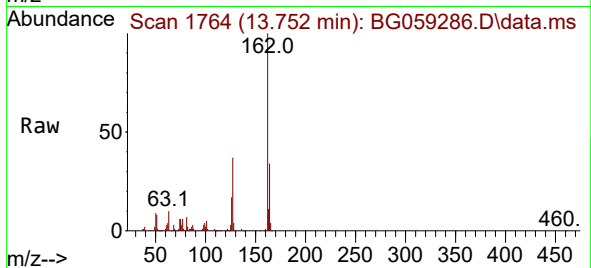




#44
2-Chloronaphthalene
Concen: 23.510 ng/ul
RT: 13.752 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

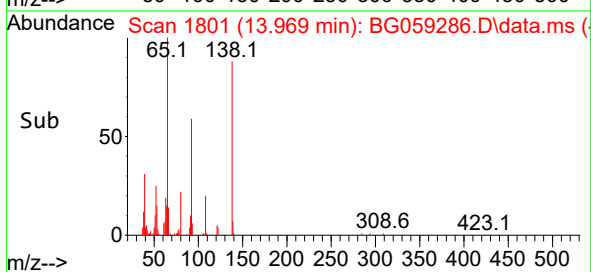
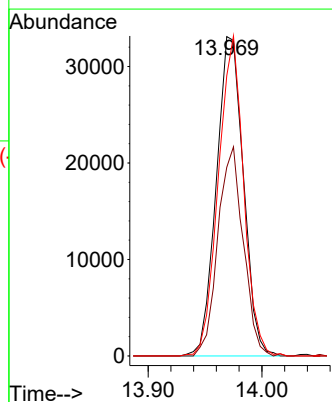
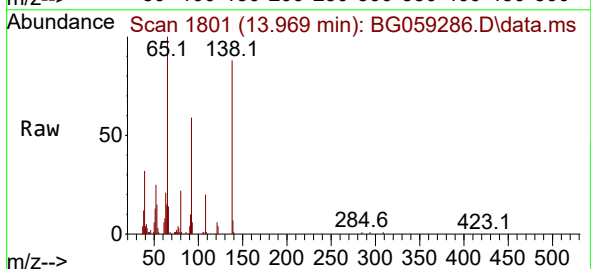
Instrument :
BNA_G
ClientSampleId :
SSTD020584

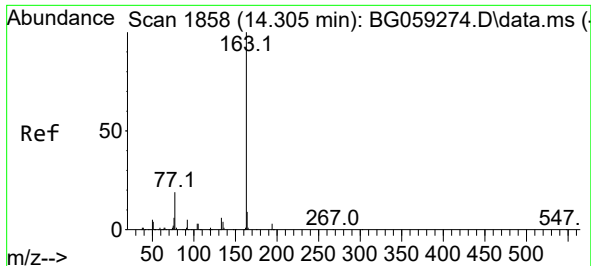
Tgt Ion:162 Resp: 162729
Ion Ratio Lower Upper
162 100
164 34.1 24.6 37.0
127 37.2 28.1 42.1



#45
2-Nitroaniline
Concen: 28.015 ng/ul
RT: 13.969 min Scan# 1801
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion: 65 Resp: 54697
Ion Ratio Lower Upper
65 100
92 59.1 51.0 76.4
138 87.7 80.5 120.7

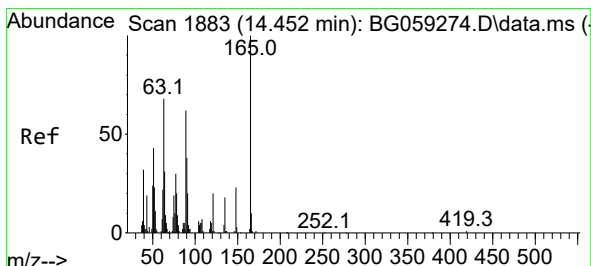
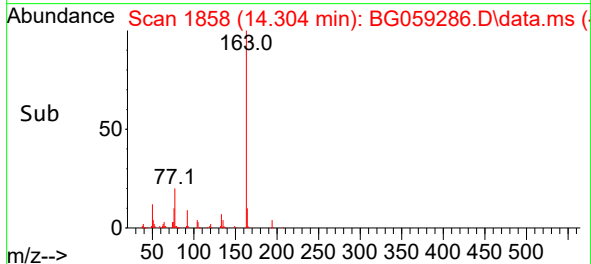
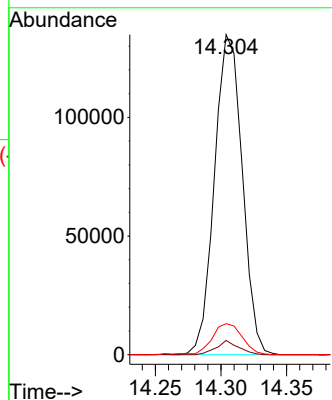
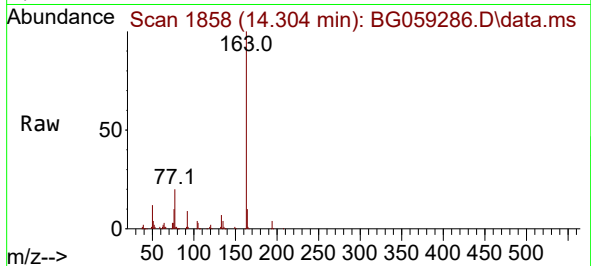




#47
Dimethylphthalate
Concen: 23.540 ng/ul
RT: 14.304 min Scan# 1858
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

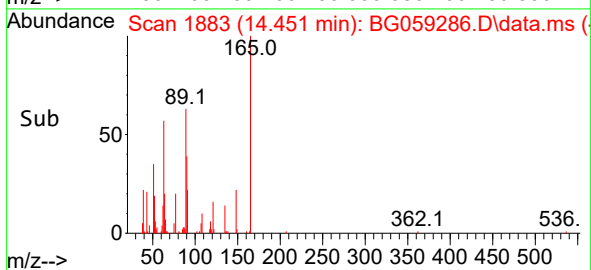
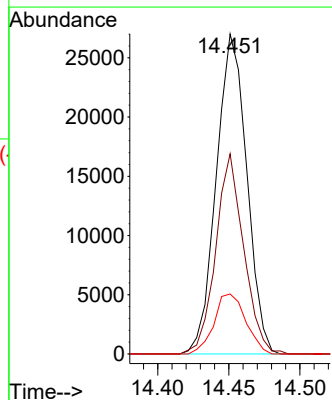
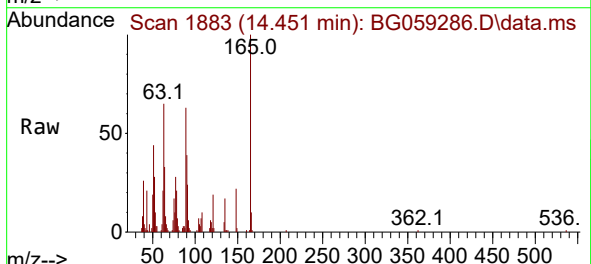
Instrument :
BNA_G
ClientSampleId :
SSTD020584

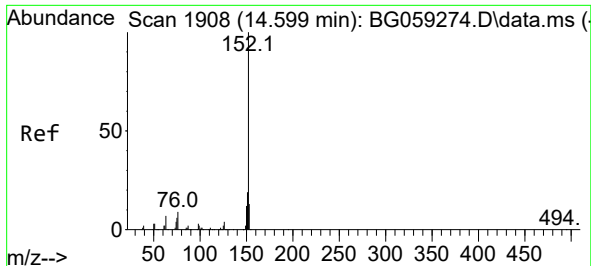
Tgt Ion:163 Resp: 198433
Ion Ratio Lower Upper
163 100
194 4.4 2.6 4.0#
164 9.7 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 28.137 ng/ul
RT: 14.451 min Scan# 1883
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:165 Resp: 40342
Ion Ratio Lower Upper
165 100
89 62.6 53.0 79.4
121 18.8 19.2 28.8#

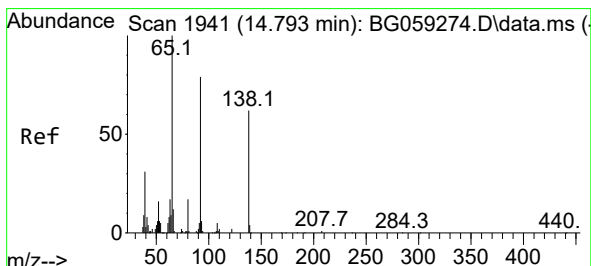
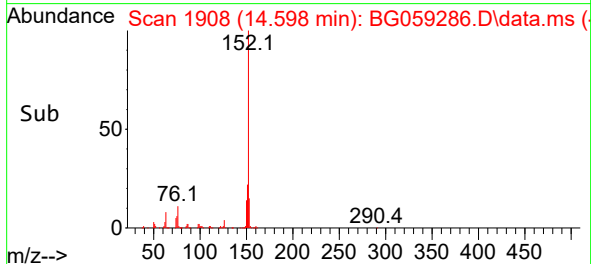
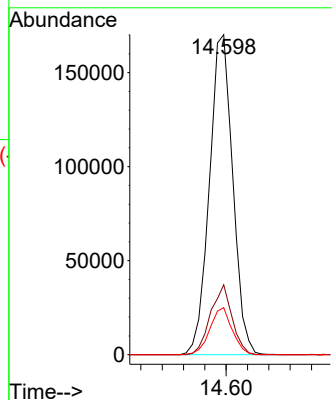
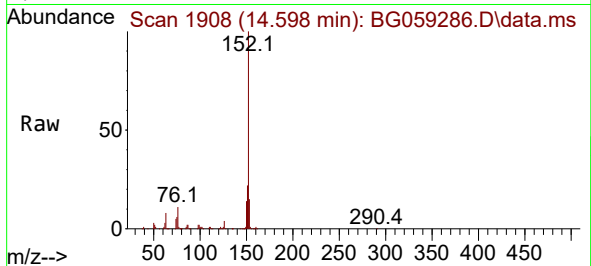




#50
Acenaphthylene
Concen: 23.467 ng/ul
RT: 14.598 min Scan# 1908
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

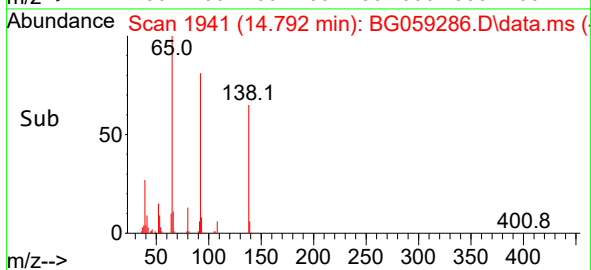
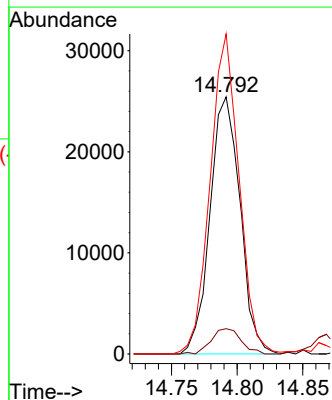
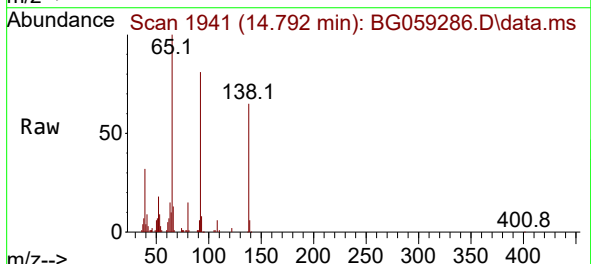
Instrument :
BNA_G
ClientSampleId :
SSTD020584

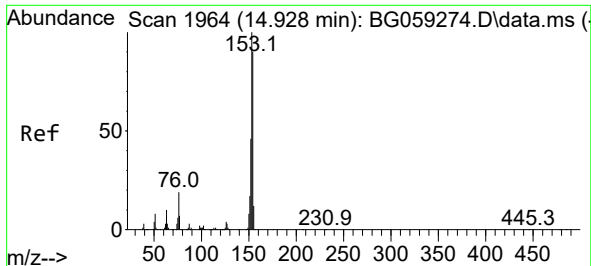
Tgt Ion:152 Resp: 258761
Ion Ratio Lower Upper
152 100
151 21.9 14.6 21.8#
153 14.7 10.9 16.3



#51
3-Nitroaniline
Concen: 26.193 ng/ul
RT: 14.792 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:138 Resp: 40541
Ion Ratio Lower Upper
138 100
108 9.8 10.0 15.0#
92 124.4 95.0 142.6

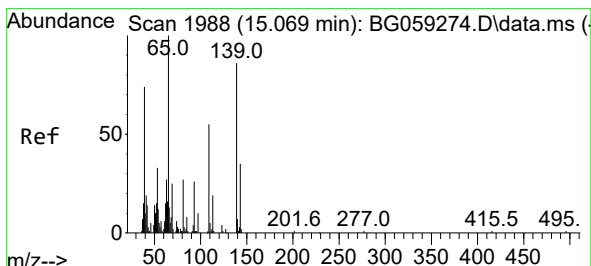
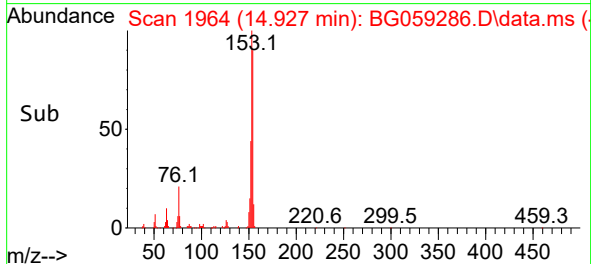
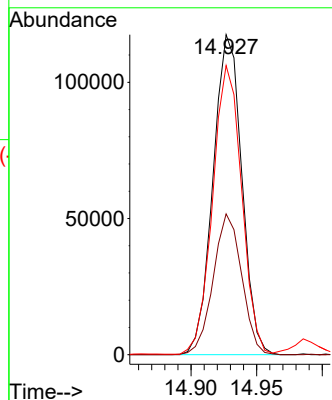
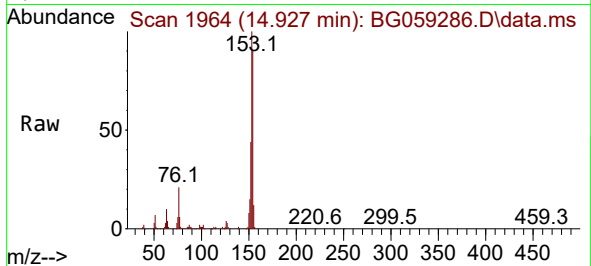




#52
Acenaphthene
Concen: 23.657 ng/ul
RT: 14.927 min Scan# 1964
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

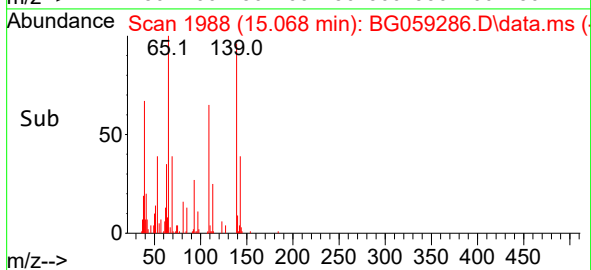
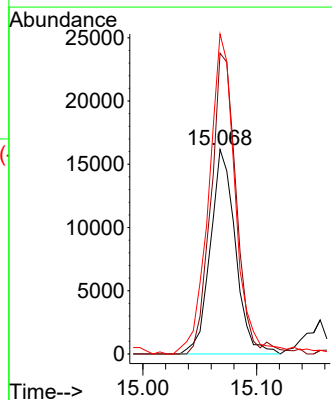
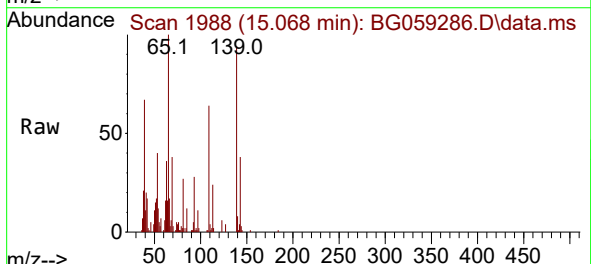
Instrument :
BNA_G
ClientSampleId :
SSTD020584

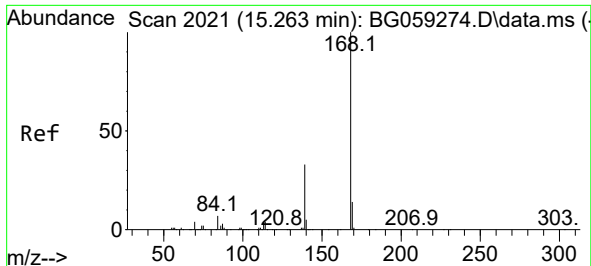
Tgt Ion:153 Resp: 179048
Ion Ratio Lower Upper
153 100
152 44.0 38.5 57.7
154 90.4 76.3 114.5



#55
4-Nitrophenol
Concen: 24.403 ng/ul
RT: 15.068 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:109 Resp: 24740
Ion Ratio Lower Upper
109 100
139 147.1 115.5 173.3
65 156.5 122.8 184.2

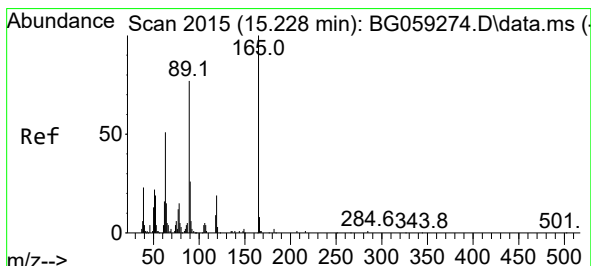
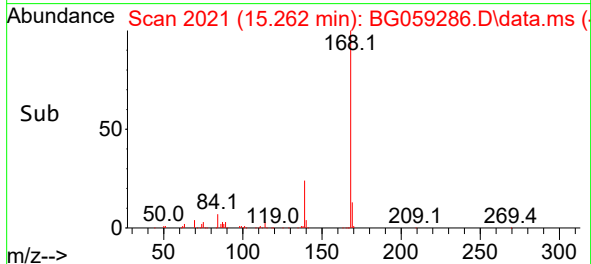
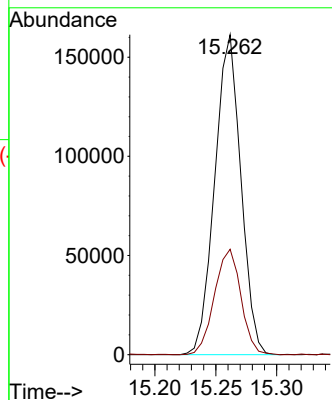
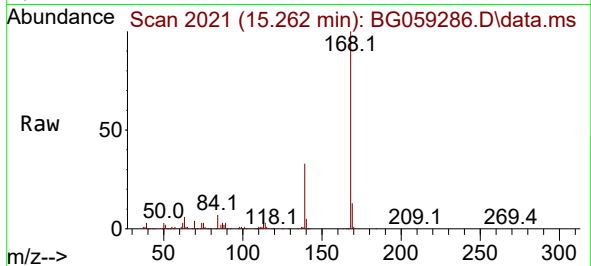




#56
Dibenzenofuran
Concen: 23.969 ng/ul
RT: 15.262 min Scan# 2016
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

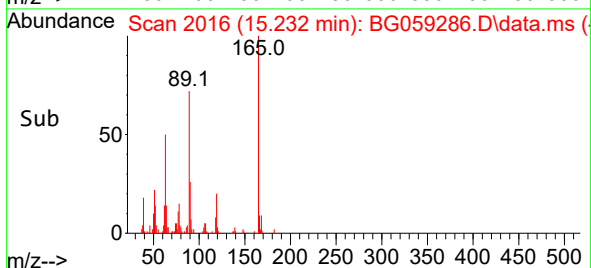
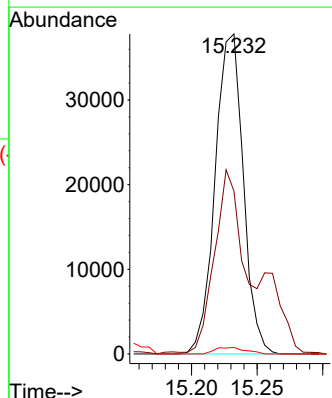
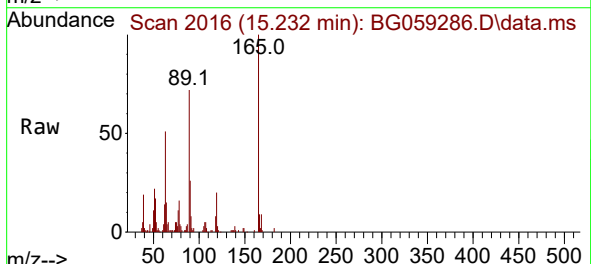
Instrument :
BNA_G
ClientSampleId :
SSTD020584

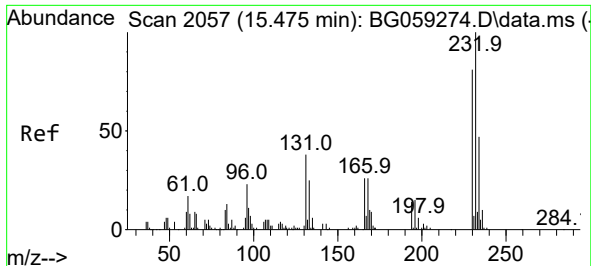
Tgt Ion:168 Resp: 240474
Ion Ratio Lower Upper
168 100
139 33.0 26.6 39.8



#57
2,4-Dinitrotoluene
Concen: 26.589 ng/ul
RT: 15.232 min Scan# 2016
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:165 Resp: 56447
Ion Ratio Lower Upper
165 100
63 50.9 43.5 65.3
182 2.1 1.8 2.6

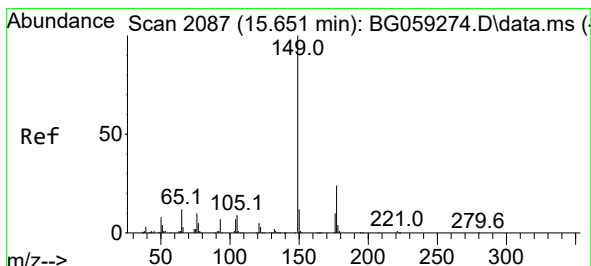
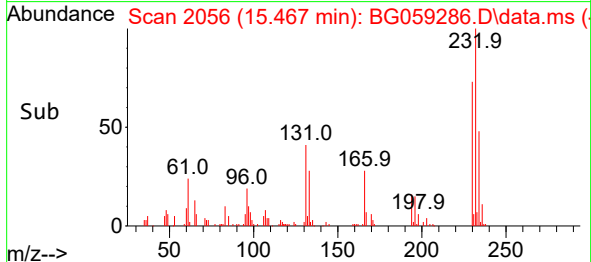
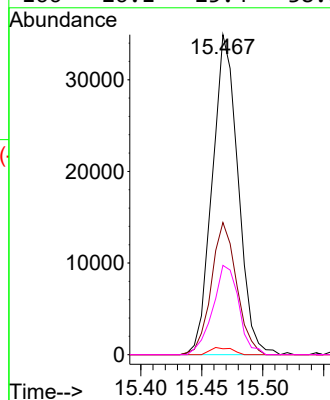
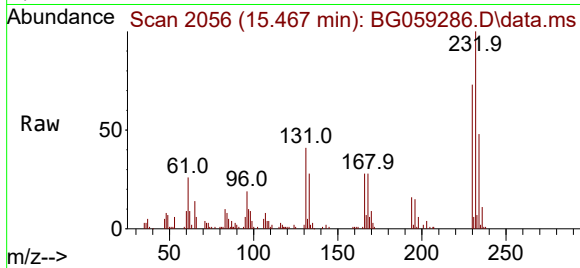




#58
2,3,4,6-Tetrachlorophenol
Concen: 25.931 ng/ul
RT: 15.467 min Scan# 2056
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

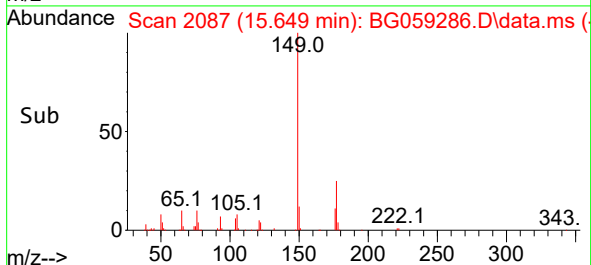
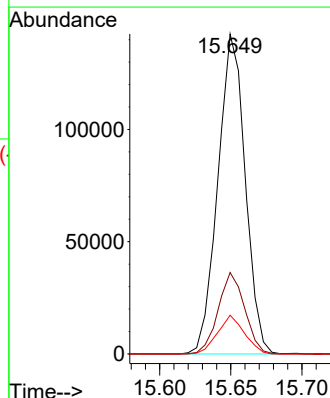
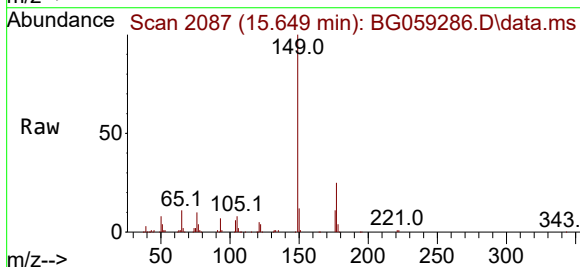
Instrument :
BNA_G
ClientSampleId :
SSTD020584

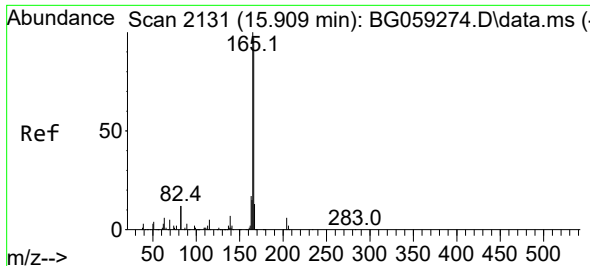
Tgt Ion:232	Resp:	51396
Ion Ratio	Lower	Upper
232	100	
131	38.6	33.9 50.9
130	1.7	1.5 2.3
166	26.1	25.4 38.0



#59
Diethylphthalate
Concen: 23.373 ng/ul
RT: 15.649 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:149	Resp:	190474
Ion Ratio	Lower	Upper
149	100	
177	25.4	17.3 25.9
150	12.1	10.0 15.0

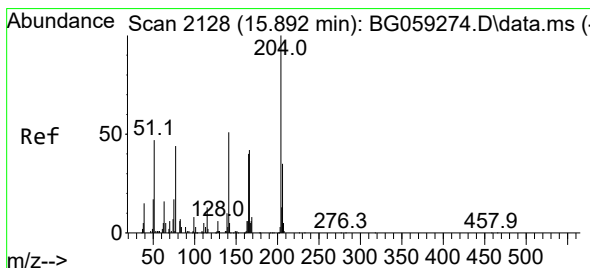
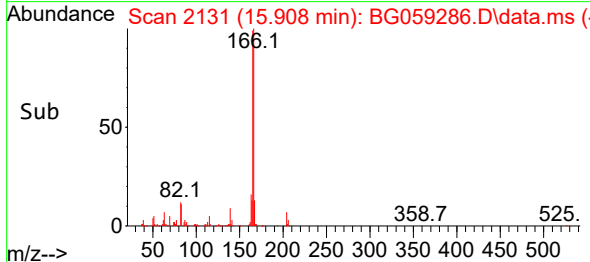
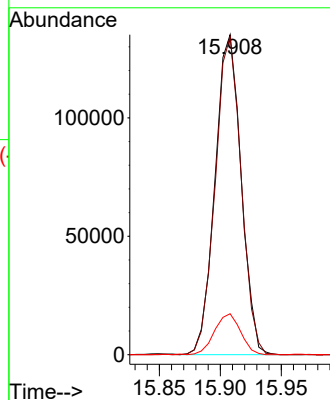
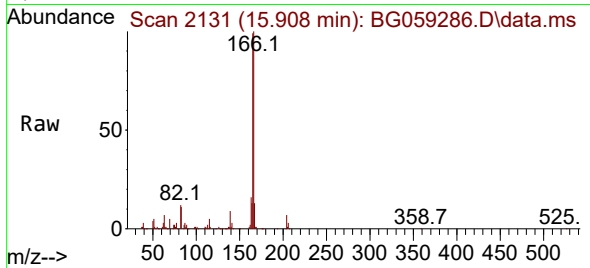




#61
Fluorene
Concen: 23.853 ng/ul
RT: 15.908 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

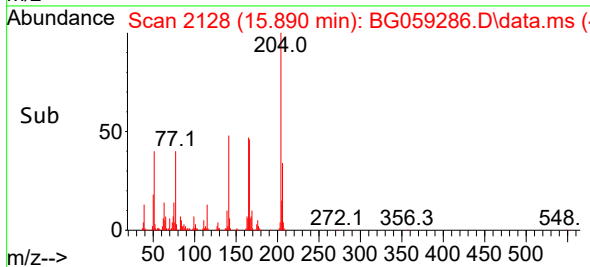
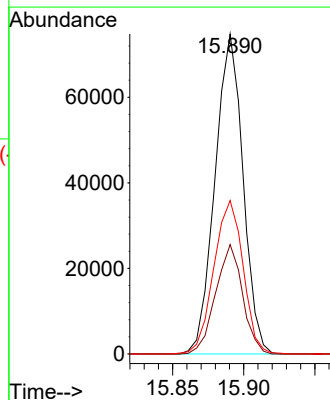
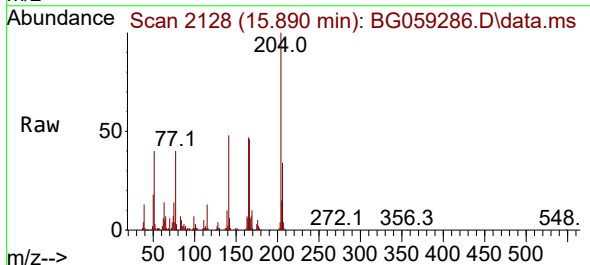
Instrument :
BNA_G
ClientSampleId :
SSTD020584

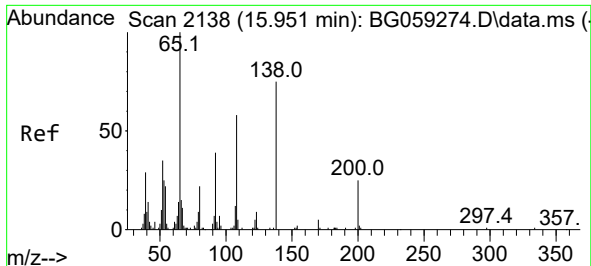
Tgt Ion:166 Resp: 200930
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 12.8 11.8 17.8



#62
4-Chlorophenyl-phenylether
Concen: 24.391 ng/ul
RT: 15.890 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:204 Resp: 102424
Ion Ratio Lower Upper
204 100
206 34.2 23.7 35.5
141 47.9 41.6 62.4

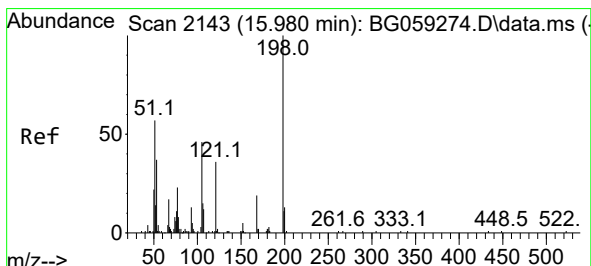
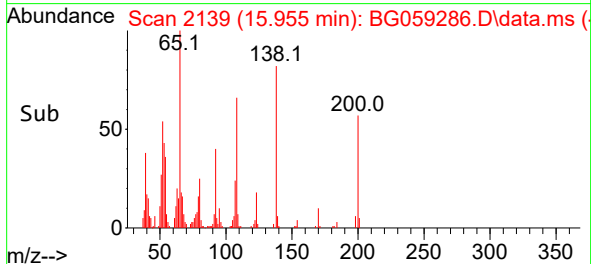
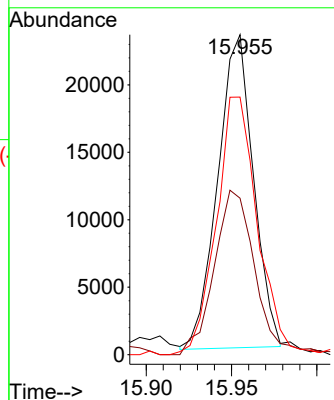
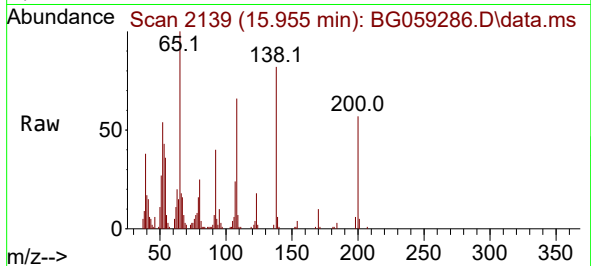




#63
4-Nitroaniline
Concen: 23.702 ng/ul
RT: 15.955 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

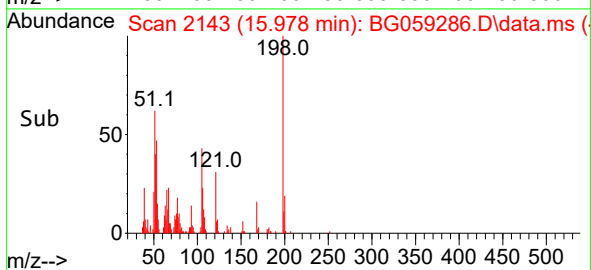
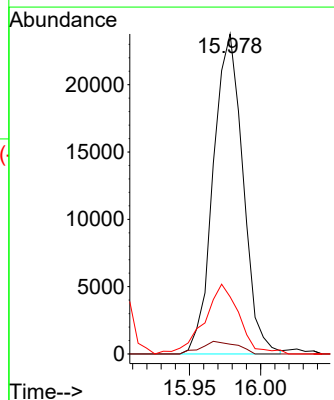
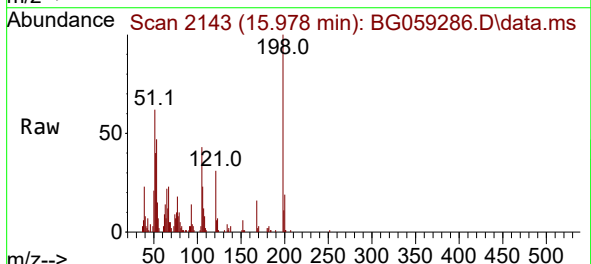
Instrument :
BNA_G
ClientSampleId :
SSTD020584

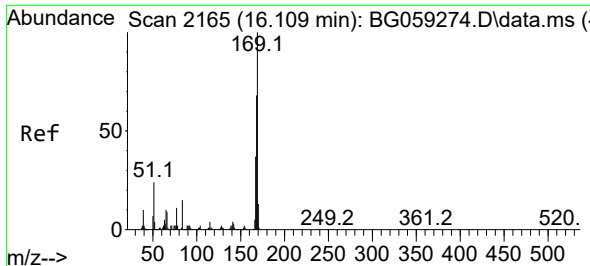
Tgt Ion:138 Resp: 33760
Ion Ratio Lower Upper
138 100
92 48.9 41.0 61.6
108 80.5 57.0 85.4



#66
4,6-Dinitro-2-methylphenol
Concen: 25.482 ng/ul
RT: 15.978 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:198 Resp: 34553
Ion Ratio Lower Upper
198 100
182 3.0 4.4 6.6#
77 17.8 23.2 34.8#

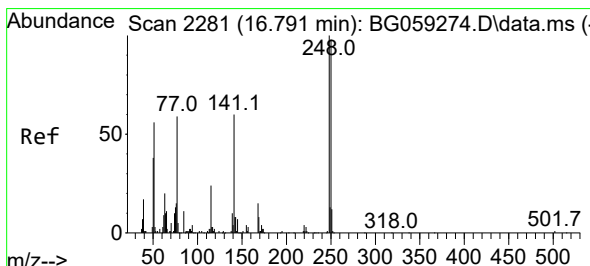
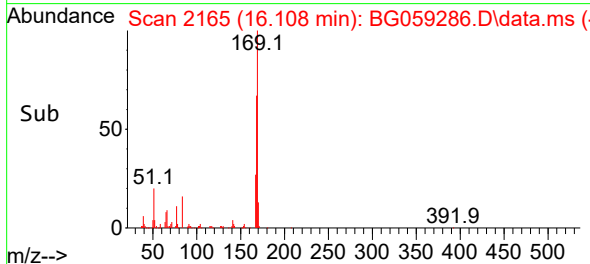
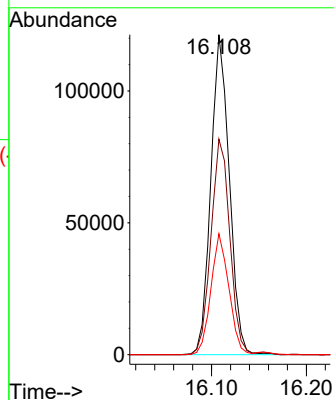
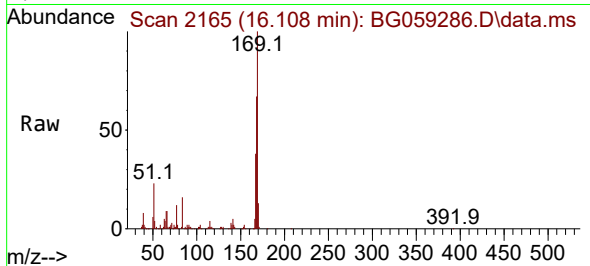




#67
N-Nitrosodiphenylamine
Concen: 24.543 ng/ul
RT: 16.108 min Scan# 2165
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

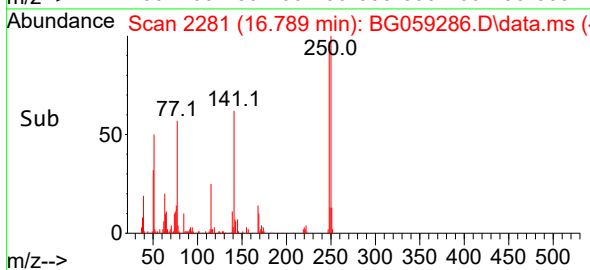
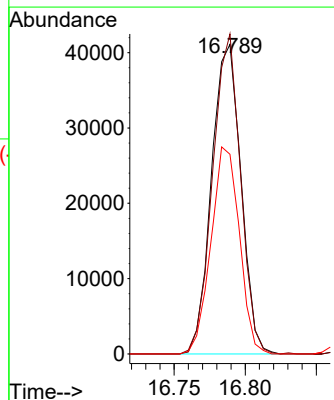
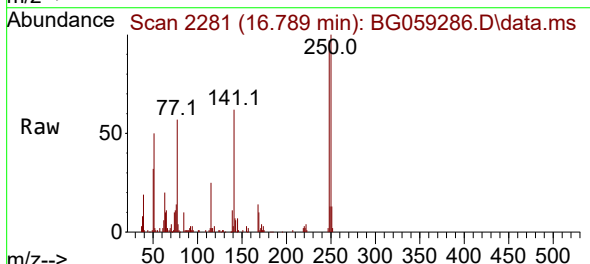
Instrument :
BNA_G
ClientSampleId :
SSTD020584

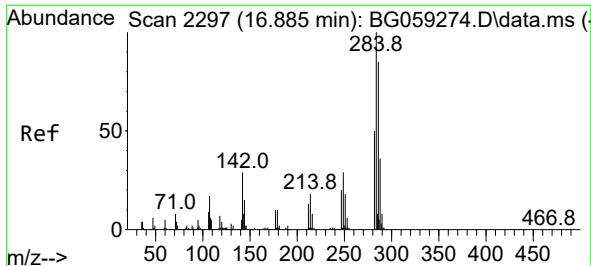
Tgt Ion:169 Resp: 163680
Ion Ratio Lower Upper
169 100
168 67.3 57.0 85.6
167 37.8 29.8 44.6



#68
4-Bromophenyl-phenylether
Concen: 24.383 ng/ul
RT: 16.789 min Scan# 2281
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:248 Resp: 59098
Ion Ratio Lower Upper
248 100
250 103.4 78.9 118.3
141 64.5 49.6 74.4

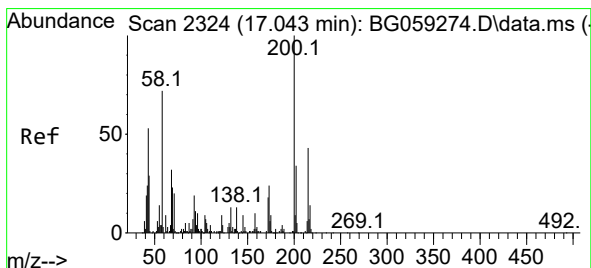
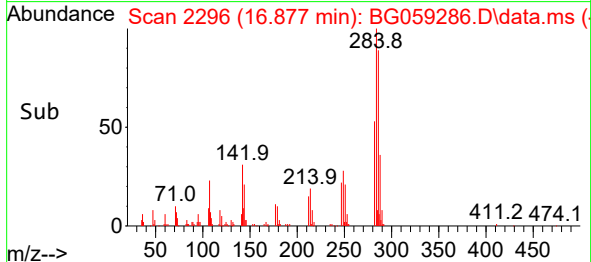
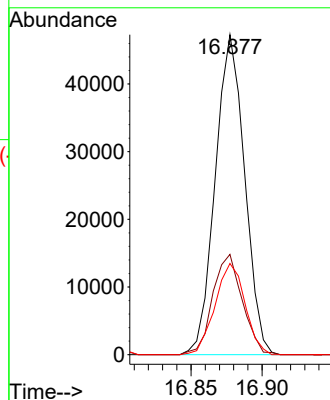
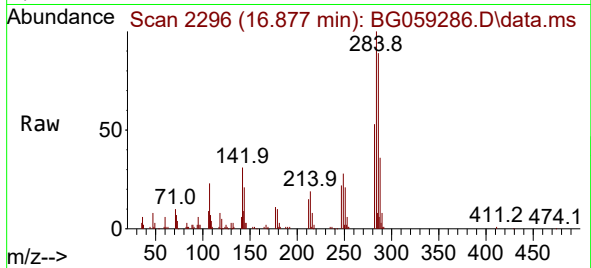




#69
Hexachlorobenzene
Concen: 24.837 ng/ul
RT: 16.877 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

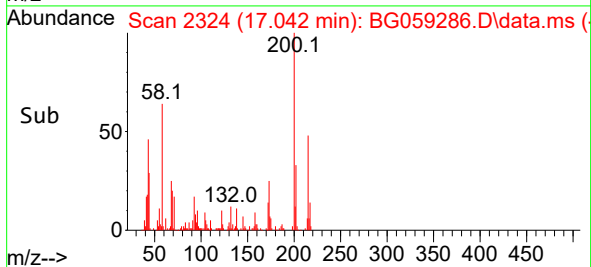
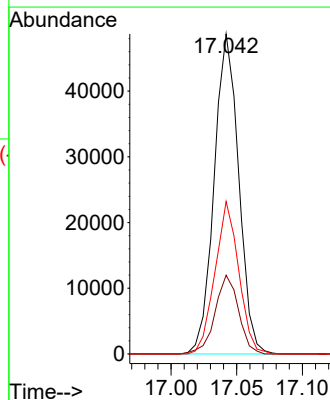
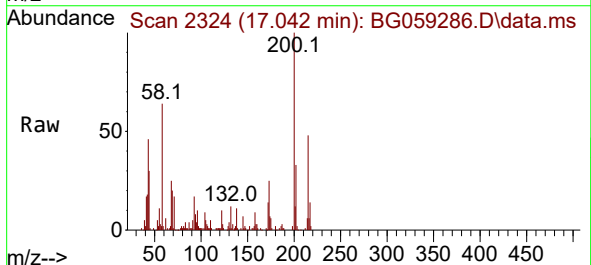
Instrument :
BNA_G
ClientSampleId :
SSTD020584

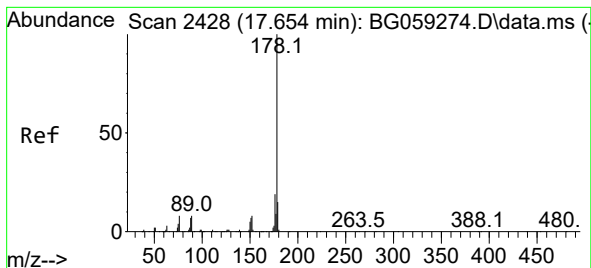
Tgt Ion:284 Resp: 68007
Ion Ratio Lower Upper
284 100
142 31.4 26.8 40.2
249 28.5 24.2 36.4



#70
Atrazine
Concen: 24.948 ng/ul
RT: 17.042 min Scan# 2324
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:200 Resp: 63264
Ion Ratio Lower Upper
200 100
173 24.6 17.4 26.0
215 47.6 35.8 53.6





#72

Phenanthrene

Concen: 24.144 ng/ul

RT: 17.653 min Scan# 2428

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

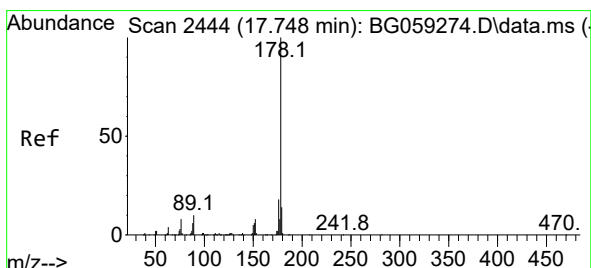
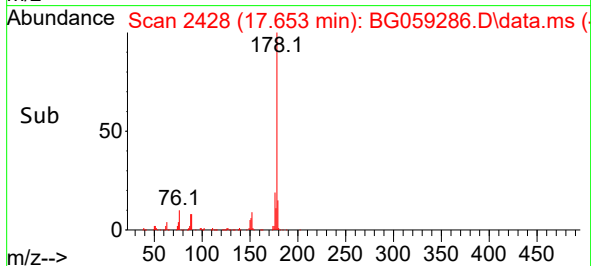
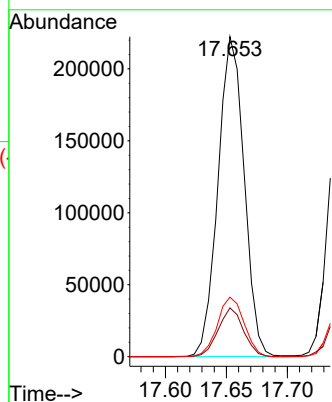
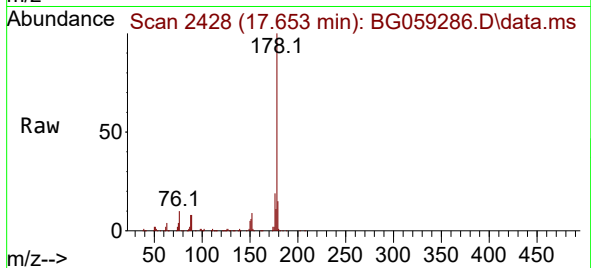
Tgt Ion:178 Resp: 331504

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.6 14.6 21.8



#74

Anthracene

Concen: 23.596 ng/ul

RT: 17.747 min Scan# 2444

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

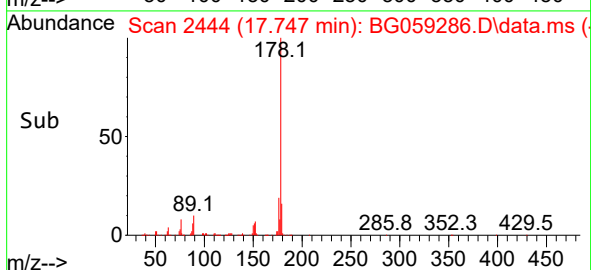
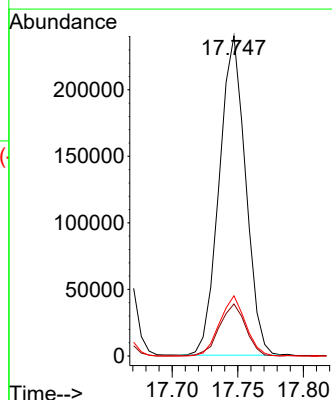
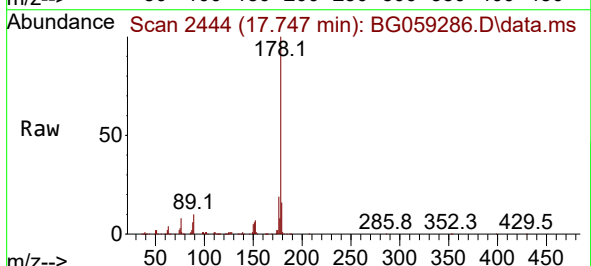
Tgt Ion:178 Resp: 334522

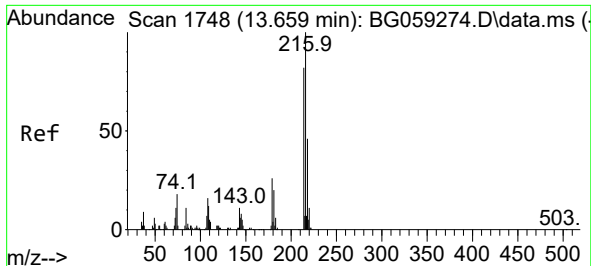
Ion Ratio Lower Upper

178 100

179 16.2 12.0 18.0

176 18.8 14.5 21.7

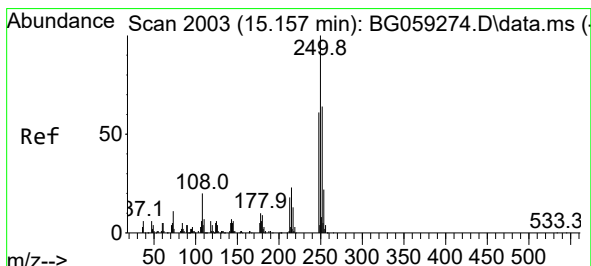
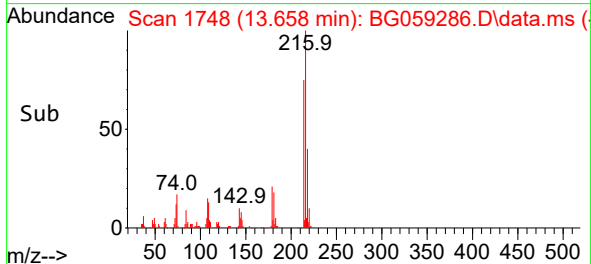
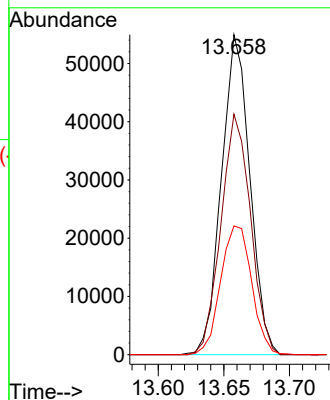
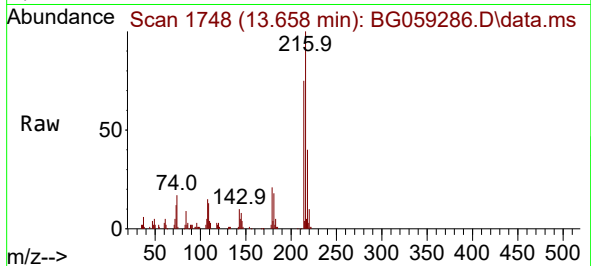




#75
1,2,3,4-Tetrachlorobenzene
Concen: 25.105 ng/uL
RT: 13.658 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

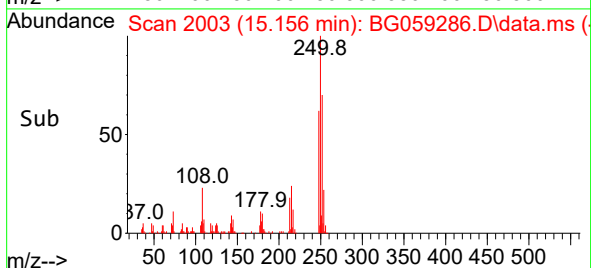
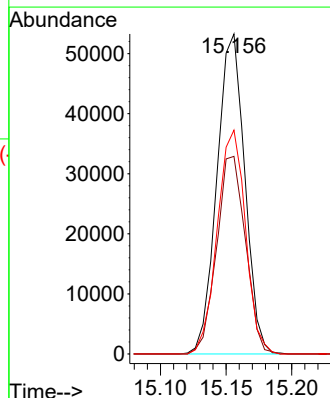
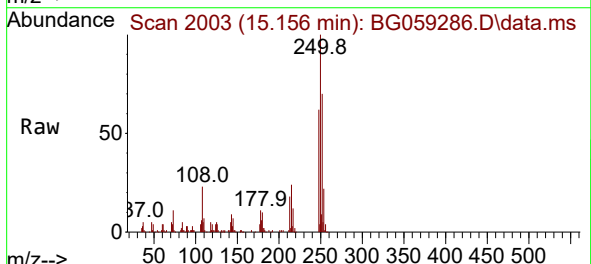
Instrument :
BNA_G
ClientSampleId :
SSTD020584

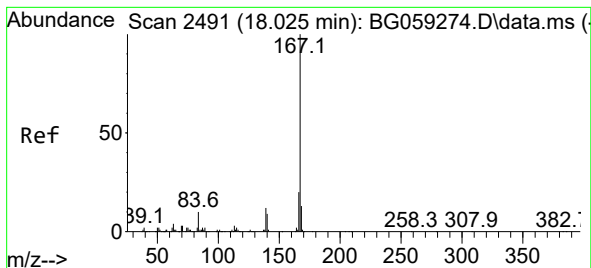
Tgt Ion:216 Resp: 82771
Ion Ratio Lower Upper
216 100
214 75.2 64.3 96.5
218 40.3 38.6 57.8



#76
Pentachlorobenzene
Concen: 24.130 ng/uL
RT: 15.156 min Scan# 2003
Delta R.T. -0.002 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:250 Resp: 78554
Ion Ratio Lower Upper
250 100
248 61.7 50.4 75.6
252 69.9 55.8 83.6





#77

Carbazole

Concen: 24.278 ng/ul

RT: 18.023 min Scan# 2491

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

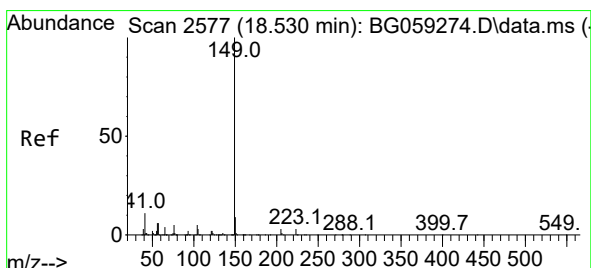
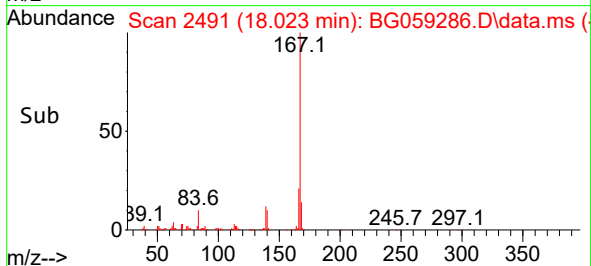
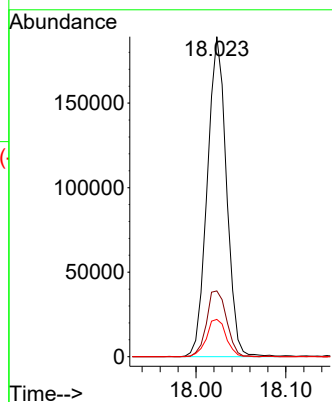
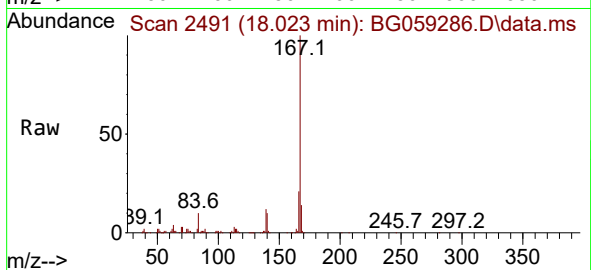
Tgt Ion:167 Resp: 280532

Ion Ratio Lower Upper

167 100

166 20.5 17.4 26.0

139 11.7 9.0 13.4



#78

Di-n-butylphthalate

Concen: 24.707 ng/ul

RT: 18.528 min Scan# 2577

Delta R.T. -0.008 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

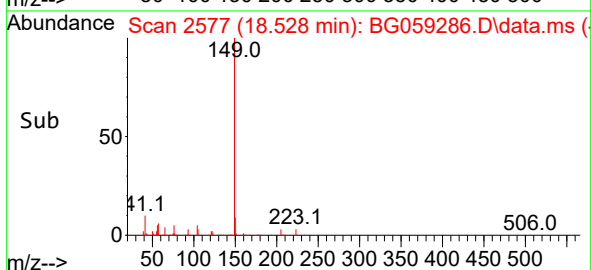
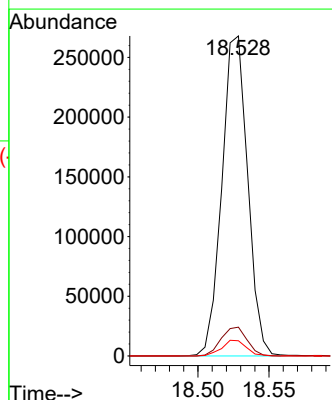
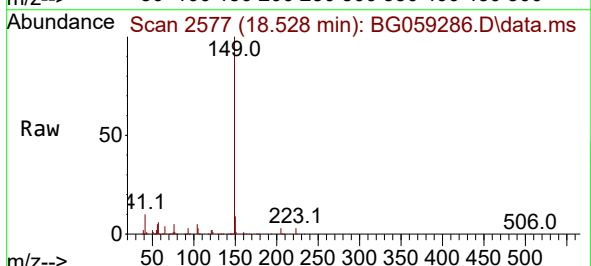
Tgt Ion:149 Resp: 338413

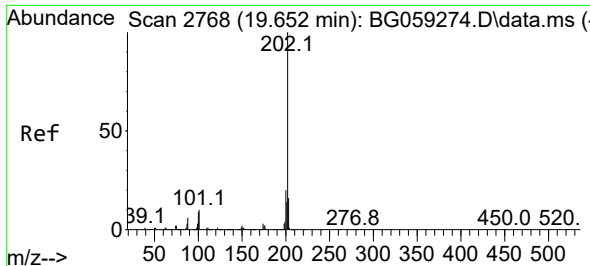
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 4.7 3.6 5.4

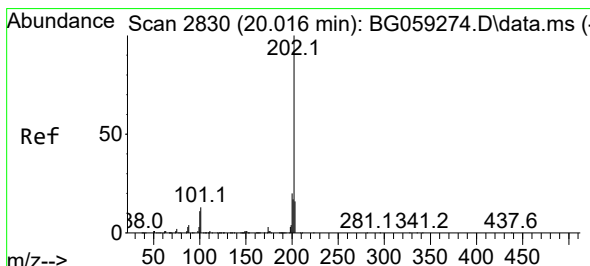
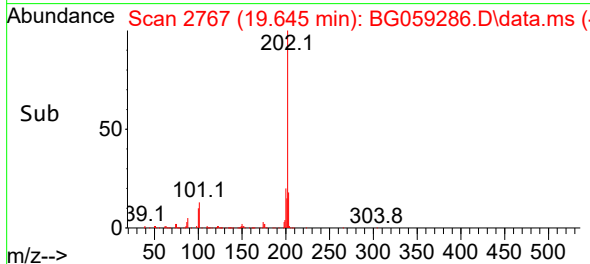
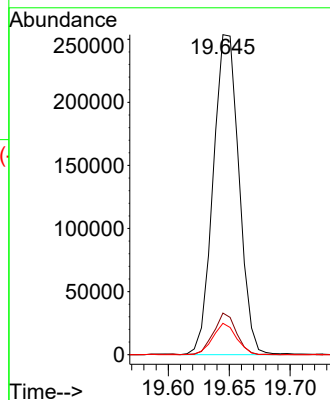
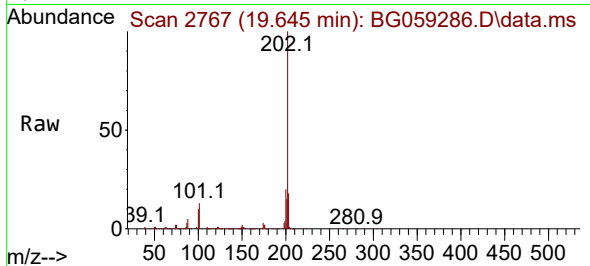




#80
Fluoranthene
Concen: 24.649 ng/ul
RT: 19.645 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

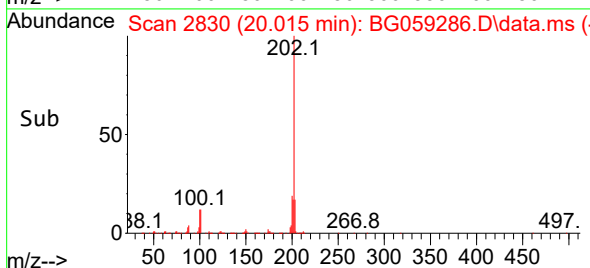
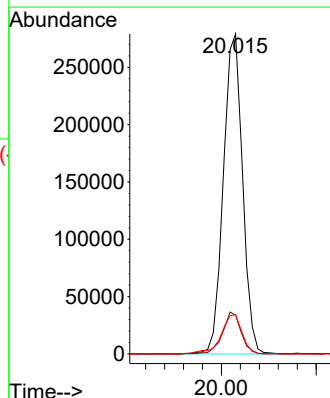
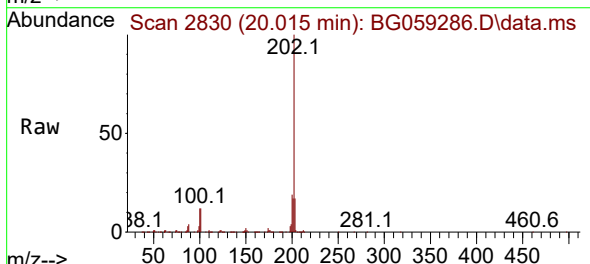
Instrument :
BNA_G
ClientSampleId :
SSTD020584

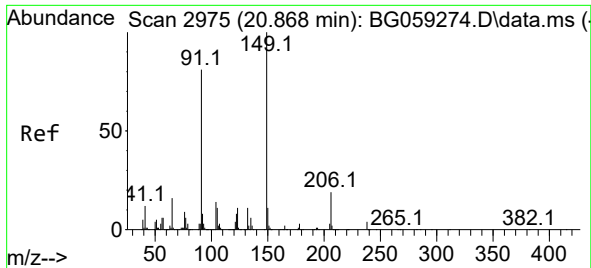
Tgt Ion:202 Resp: 373427
Ion Ratio Lower Upper
202 100
101 13.0 8.2 12.4#
100 9.8 8.2 12.2



#82
Pyrene
Concen: 24.472 ng/ul
RT: 20.015 min Scan# 2830
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:202 Resp: 392689
Ion Ratio Lower Upper
202 100
101 12.1 10.2 15.4
100 12.3 9.6 14.4

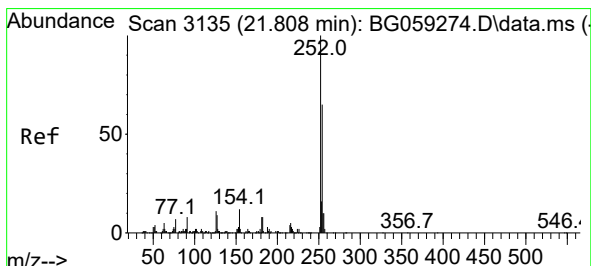
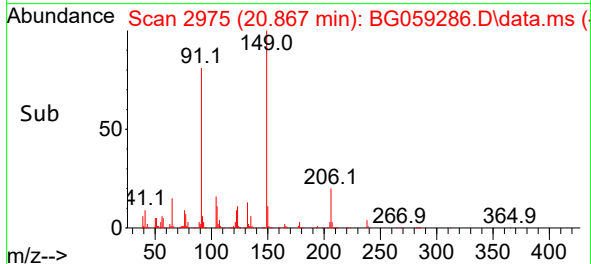
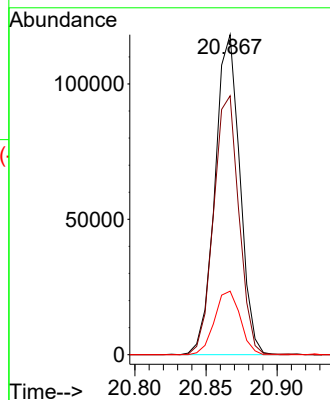
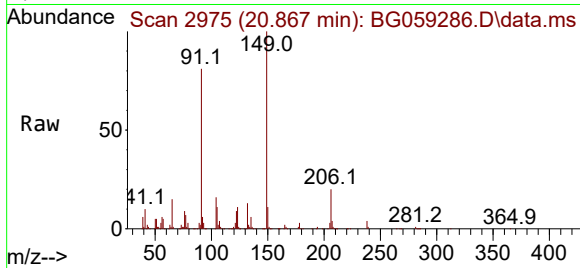




#83
Butylbenzylphthalate
Concen: 25.378 ng/ul
RT: 20.867 min Scan# 2975
Delta R.T. -0.008 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

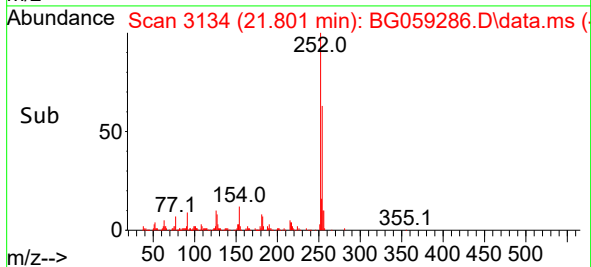
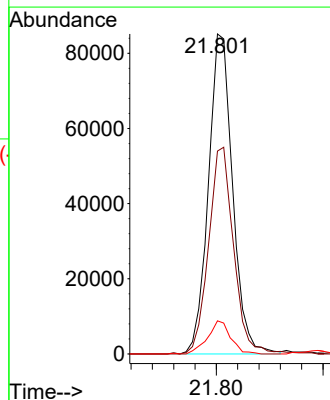
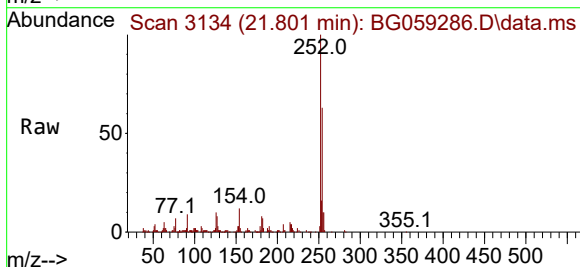
Instrument :
BNA_G
ClientSampleId :
SSTD020584

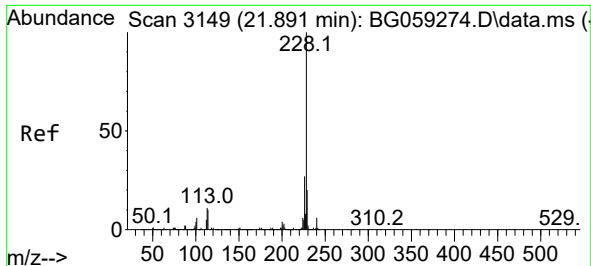
Tgt Ion:149 Resp: 143609
Ion Ratio Lower Upper
149 100
91 80.9 64.5 96.7
206 19.8 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 26.376 ng/ul
RT: 21.801 min Scan# 3134
Delta R.T. -0.014 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:252 Resp: 134139
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.2
126 10.4 7.9 11.9

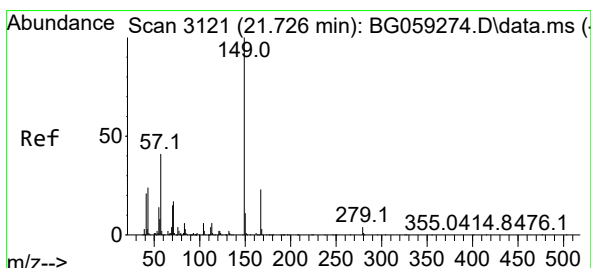
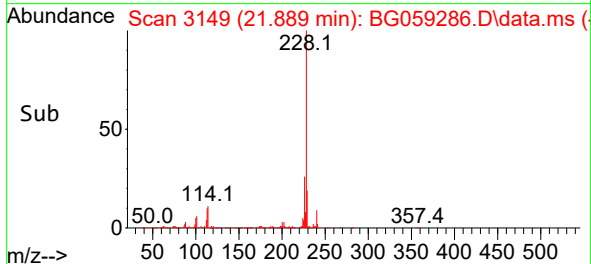
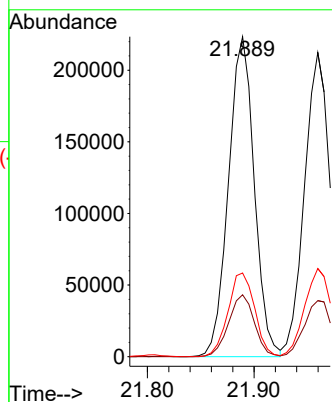
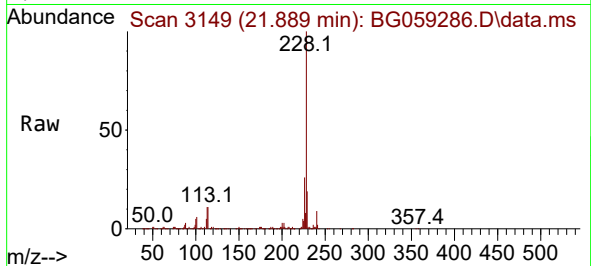




#85
 Benzo(a)anthracene
 Concen: 24.348 ng/ul
 RT: 21.889 min Scan# 3149
 Delta R.T. -0.014 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

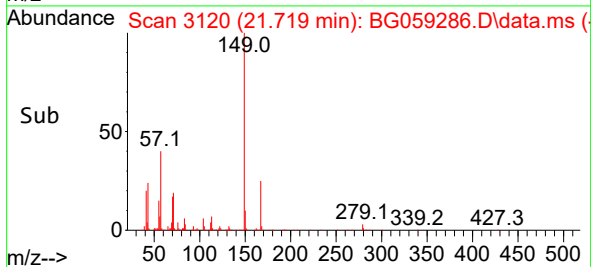
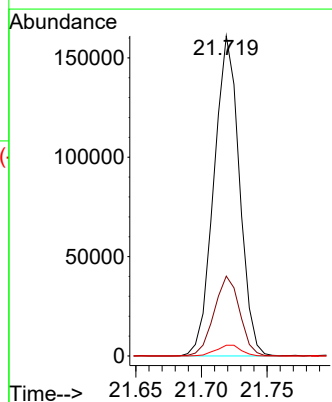
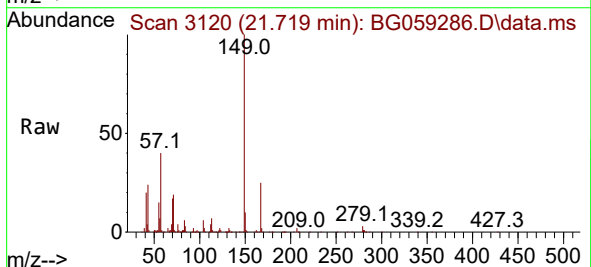
Instrument :
 BNA_G
 ClientSampleId :
 SST020584

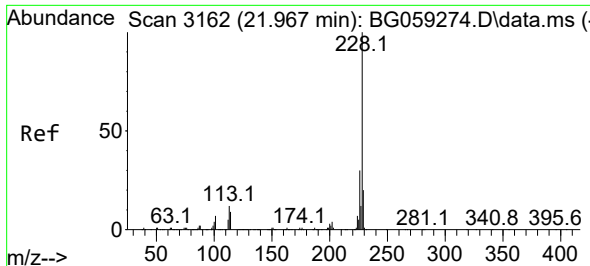
Tgt Ion:228 Resp: 376389
 Ion Ratio Lower Upper
 228 100
 229 19.4 15.5 23.3
 226 26.1 21.4 32.2



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 25.302 ng/ul
 RT: 21.719 min Scan# 3120
 Delta R.T. -0.020 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

Tgt Ion:149 Resp: 217417
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.1 28.7
 279 3.4 2.9 4.3

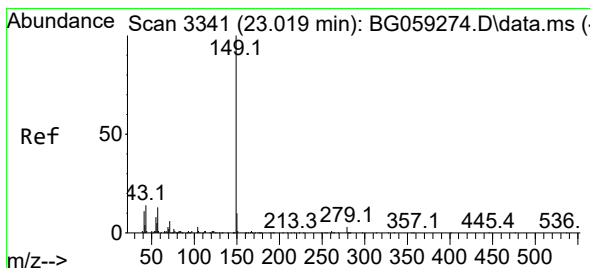
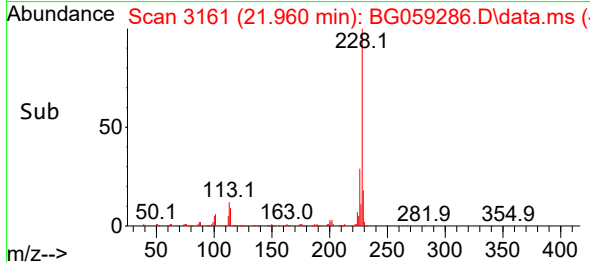
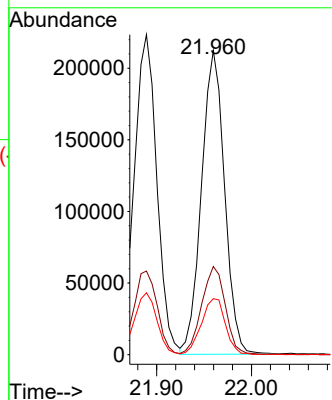
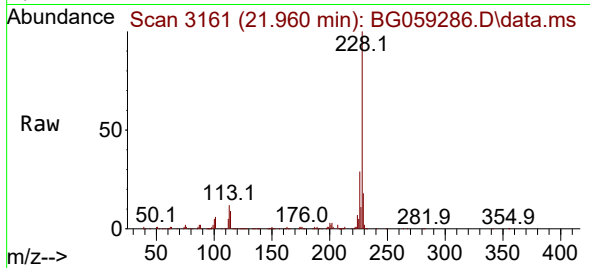




#87
Chrysene
Concen: 24.528 ng/ul
RT: 21.960 min Scan# 3162
Delta R.T. -0.014 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

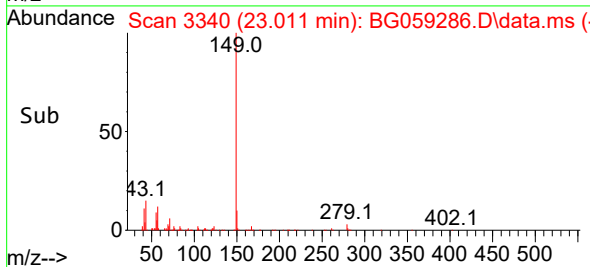
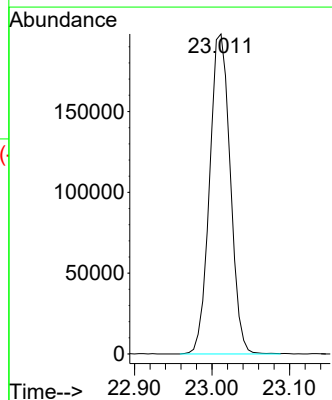
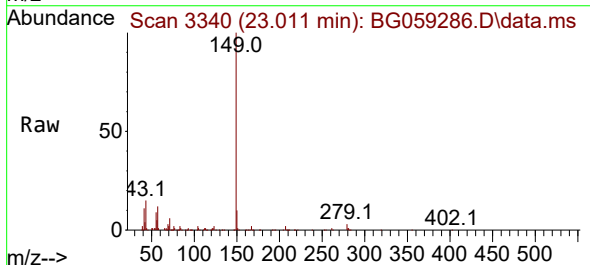
Instrument :
BNA_G
ClientSampleId :
SSTD020584

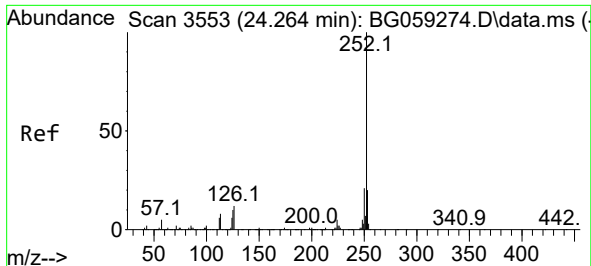
Tgt Ion:228 Resp: 358115
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.4
229 18.4 16.2 24.2



#89
Di-n-octyl phthalate
Concen: 23.522 ng/ul
RT: 23.011 min Scan# 3340
Delta R.T. -0.020 min
Lab File: BG059286.D
Acq: 4 Oct 2023 18:25

Tgt Ion:149 Resp: 366498

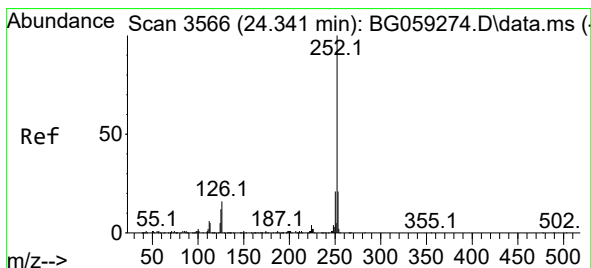
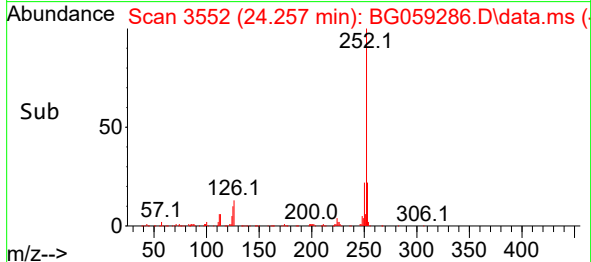
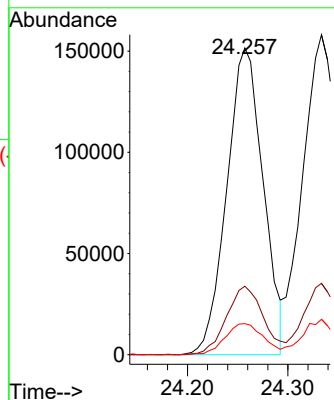
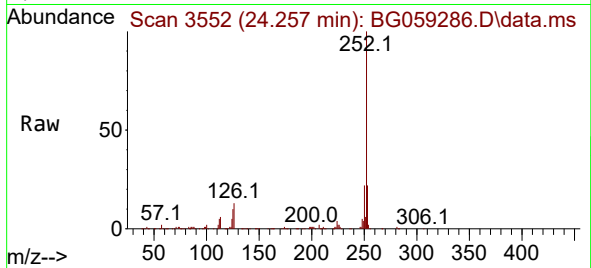




#90
 Benzo(b)fluoranthene
 Concen: 23.285 ng/ul
 RT: 24.257 min Scan# 3552
 Delta R.T. -0.026 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

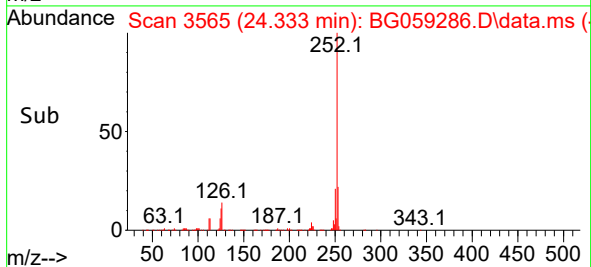
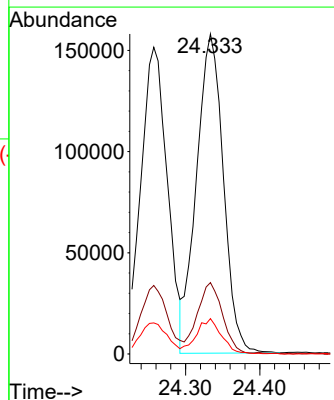
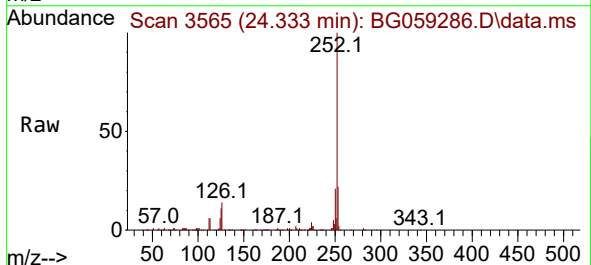
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020584

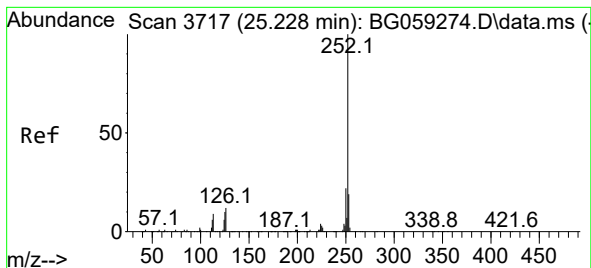
Tgt Ion:252 Resp: 382073
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.1 8.1 12.1



#91
 Benzo(k)fluoranthene
 Concen: 23.901 ng/ul
 RT: 24.333 min Scan# 3565
 Delta R.T. -0.026 min
 Lab File: BG059286.D
 Acq: 4 Oct 2023 18:25

Tgt Ion:252 Resp: 397381
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 11.0 8.1 12.1





#93

Benzo(a)pyrene

Concen: 24.028 ng/ul

RT: 25.215 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

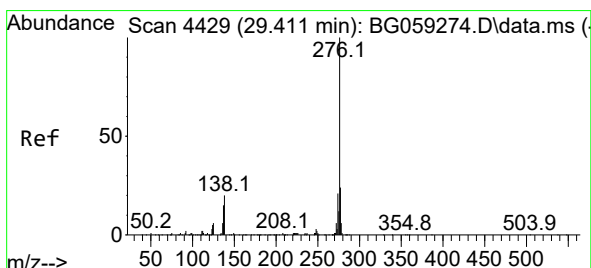
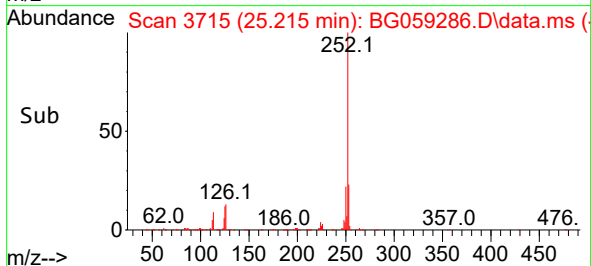
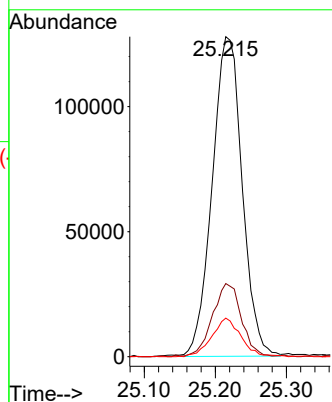
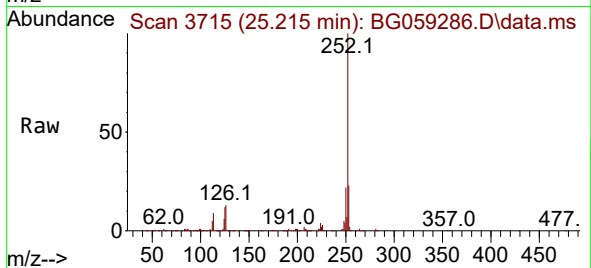
Tgt Ion:252 Resp: 374013

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 12.0 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.082 ng/ul

RT: 29.398 min Scan# 4427

Delta R.T. -0.038 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

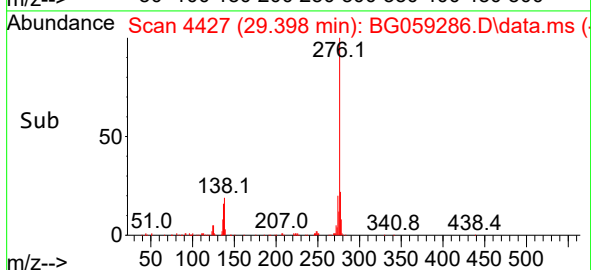
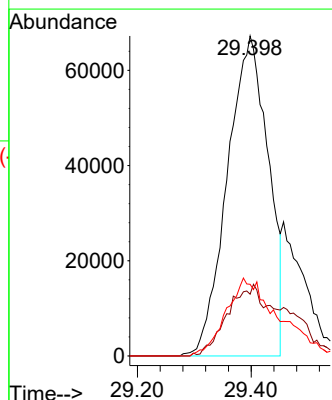
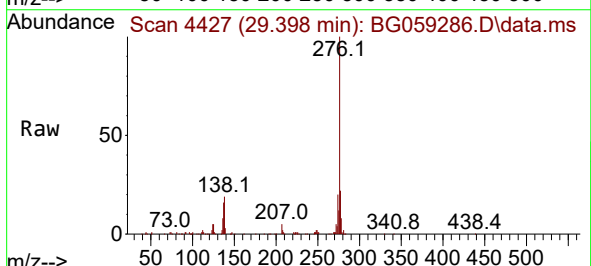
Tgt Ion:276 Resp: 336240

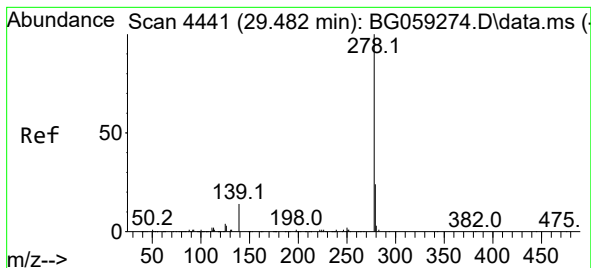
Ion Ratio Lower Upper

276 100

138 19.3 17.0 25.6

277 22.4 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 23.708 ng/ul

RT: 29.469 min Scan# 4441

Delta R.T. -0.044 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Instrument :

BNA_G

ClientSampleId :

SSTD020584

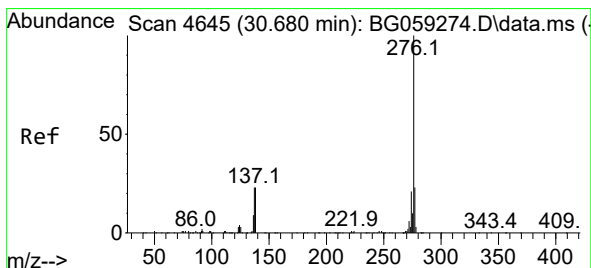
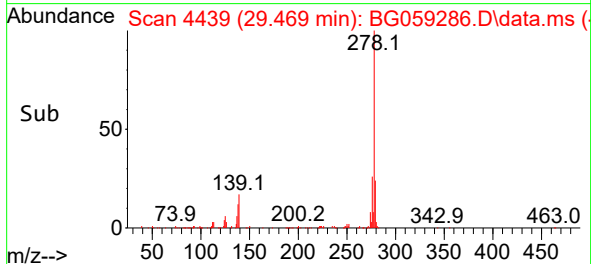
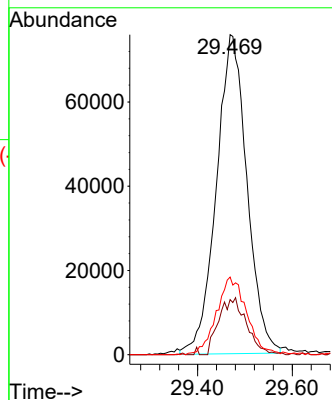
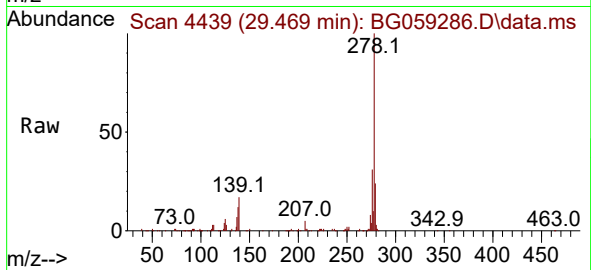
Tgt Ion:278 Resp: 339716

Ion Ratio Lower Upper

278 100

139 17.2 12.1 18.1

279 24.3 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 22.981 ng/ul

RT: 30.673 min Scan# 4644

Delta R.T. -0.038 min

Lab File: BG059286.D

Acq: 4 Oct 2023 18:25

Tgt Ion:276 Resp: 329254

Ion Ratio Lower Upper

276 100

138 21.4 16.6 25.0

277 22.8 20.0 30.0

