

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058296.D
 Acq On : 18 Jul 2023 11:31
 Operator : CG/JU
 Sample : 03458-22MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	34427	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	157733	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	113865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	284974	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	239626	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	289956	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2731	2.920	ng/uL	0.00
4) Pyridine-d5	3.751	84	32263	11.621	ng/ul	0.00
7) Phenol-d5	7.065	99	42427	12.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	35269	17.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	35629	15.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	6155	2.471	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	20386	17.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	23138	17.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	33630	13.592	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	4839	1.349	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	157382	17.924	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	135469	14.722	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	20076	15.140	ng/ul	0.00
60) Fluorene-d10	15.526	176	138236	19.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	22011	15.160	ng/ul	0.00
73) Anthracene-d10	17.377	188	152006	12.345	ng/ul	0.00
81) Pyrene-d10	19.668	212	69722	4.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	24162	1.724	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	7999	7.539	ng/uL#	78
5) Pyridine	3.781	79	3631	1.238	ng/ul#	39
6) Benzaldehyde	7.036	77	38596	29.263	ng/ul	93
8) Phenol	7.089	94	47918	14.129	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.318	93	52772	20.311	ng/ul	99
12) 2-Chlorophenol	7.465	128	43088	18.006	ng/ul	97
13) 2-Methylphenol	8.340	108	5864	2.218	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.428	45	86261	20.259	ng/ul	96
16) Acetophenone	8.716	105	91868	21.655	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.698	70	50371	21.694	ng/ul	99
18) 4-Methylphenol	8.675	108	23024	8.015	ng/ul	91
19) Hexachloroethane	8.980	117	3172	3.363	ng/ul	86
22) Nitrobenzene	9.098	77	62734	19.897	ng/ul	96
23) Isophorone	9.621	82	133851	18.936	ng/ul	99
25) 2-Nitrophenol	9.815	139	27796	20.161	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.103	93	73928	19.747	ng/ul	98
29) 2,4-Dichlorophenol	10.349	162	36865	15.698	ng/ul	95
30) Naphthalene	10.749	128	153236	18.175	ng/ul	99
32) 4-Chloroaniline	10.866	127	5452	1.487	ng/ul#	59
33) Hexachlorobutadiene	11.031	225	32466	19.333	ng/ul	99
34) Caprolactam	11.613	113	19058	19.539	ng/ul	93
35) 4-Chloro-3-methylphenol	11.989	107	23363	7.817	ng/ul	96
36) 2-Methylnaphthalene	12.359	142	116136	20.560	ng/ul	98
37) 1-Methylnaphthalene	12.576	142	116433	20.112	ng/ul	96

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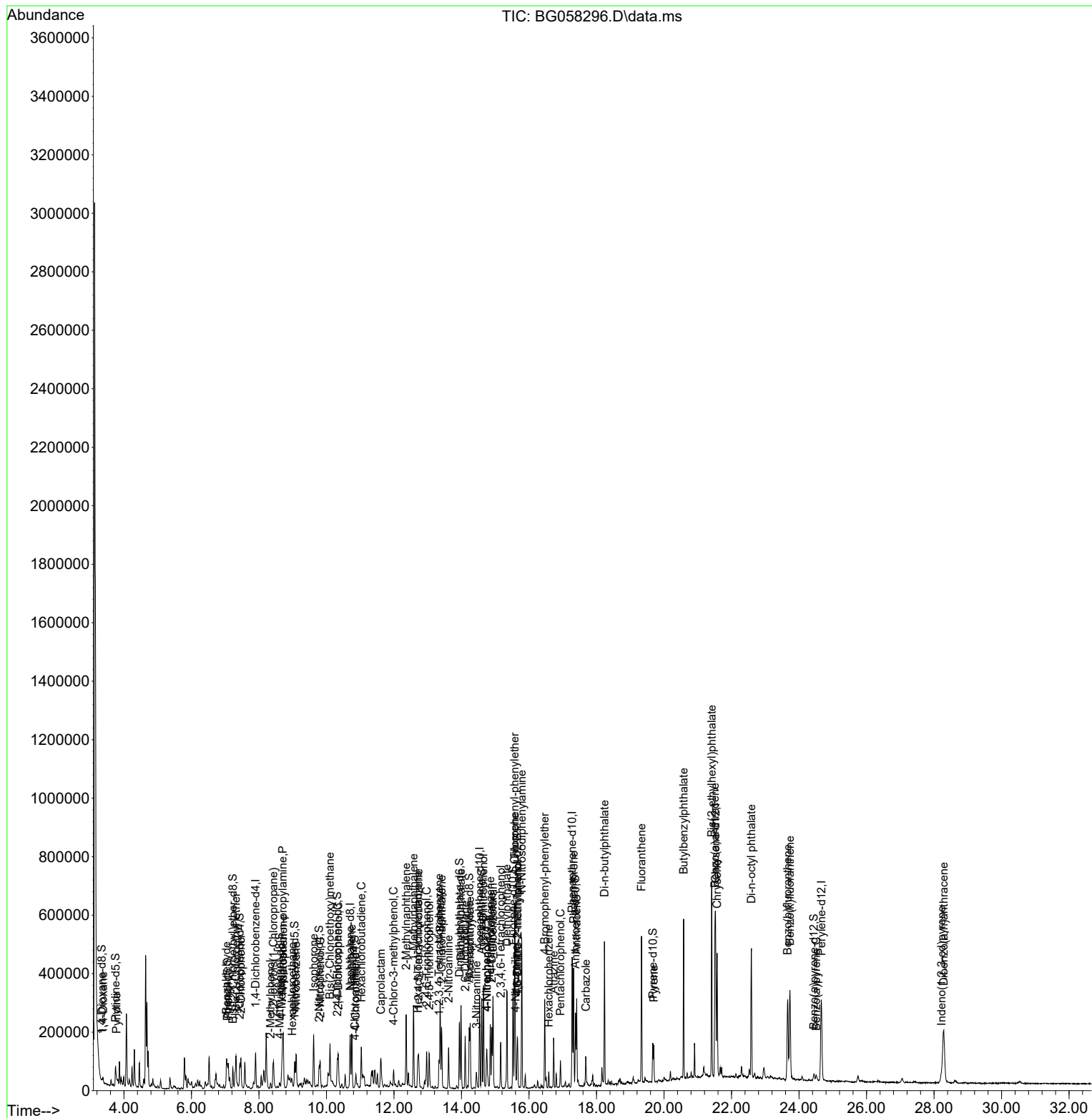
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.729	216	36038	10.933	ng/ul	97
40) Hexachlorocyclopentadiene	12.706	237	28777	16.232	ng/ul	96
41) 2,4,6-Trichlorophenol	12.970	196	32220	14.440	ng/ul	95
42) 2,4,5-Trichlorophenol	13.046	196	35723	15.014	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	163359	21.217	ng/ul	98
44) 2-Chloronaphthalene	13.411	162	103880	16.969	ng/ul	100
45) 2-Nitroaniline	13.616	65	46158	21.707	ng/ul	98
47) Dimethylphthalate	13.986	163	186440	21.140	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	36643	21.501	ng/ul	97
50) Acenaphthylene	14.257	152	160131	16.122	ng/ul	98
51) 3-Nitroaniline	14.445	138	15066	10.608	ng/ul#	76
52) Acenaphthene	14.597	153	129388	18.763	ng/ul	98
53) 2,4-Dinitrophenol	14.650	184	16699	18.411	ng/ul#	29
55) 4-Nitrophenol	14.756	109	20767	20.335	ng/ul	91
56) Dibenzofuran	14.932	168	210195	21.406	ng/ul	97
57) 2,4-Dinitrotoluene	14.897	165	53810	21.891	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.161	232	34629	15.752	ng/ul#	96
59) Diethylphthalate	15.344	149	196987	21.681	ng/ul	98
61) Fluorene	15.579	166	179385	22.277	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	94525	22.112	ng/ul	99
63) 4-Nitroaniline	15.602	138	17812	13.860	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.661	198	29316	19.626	ng/ul	99
67) N-Nitrosodiphenylamine	15.784	169	66997	9.484	ng/ul	96
68) 4-Bromophenyl-phenylether	16.466	248	64961	21.521	ng/ul	97
69) Hexachlorobenzene	16.583	284	12672	3.721	ng/ul#	93
70) Atrazine	16.730	200	29915	10.801	ng/ul	94
71) Pentachlorophenol	16.930	266	18638	9.749	ng/ul	92
72) Phenanthrene	17.324	178	260921	19.267	ng/ul	99
74) Anthracene	17.412	178	190922	14.043	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	30026	8.400	ng/uL	98
76) Pentachlorobenzene	14.856	250	63026	16.124	ng/uL	94
77) Carbazole	17.682	167	64939	5.510	ng/ul	98
78) Di-n-butylphthalate	18.234	149	357571	23.877	ng/ul	99
80) Fluoranthene	19.333	202	315576	19.463	ng/ul	98
82) Pyrene	19.697	202	76184	4.637	ng/ul	99
83) Butylbenzylphthalate	20.579	149	160634	24.831	ng/ul	98
85) Benzo(a)anthracene	21.507	228	303414	18.838	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	265036	28.804	ng/ul	100
87) Chrysene	21.572	228	263489	17.247	ng/ul	98
89) Di-n-octyl phthalate	22.588	149	386271	25.037	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	279949	16.687	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252	284388	16.997	ng/ul	98
93) Benzo(a)pyrene	24.509	252	21211	1.421	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.223	276	33917	1.725	ng/ul	95
95) Dibenzo(a,h)anthracene	28.287	278	311337	19.312	ng/ul	97

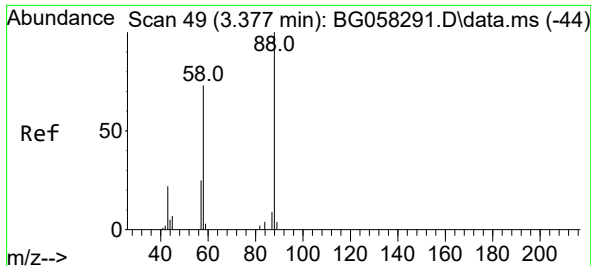
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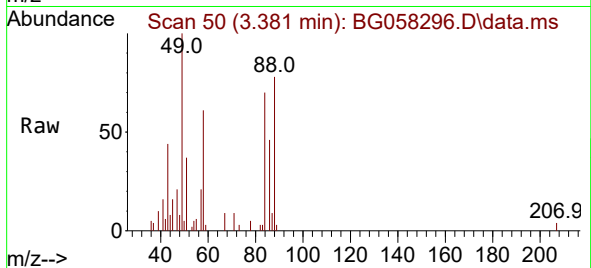
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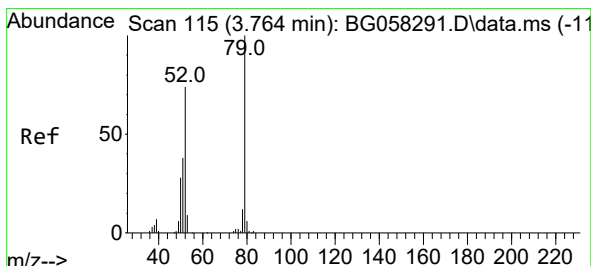
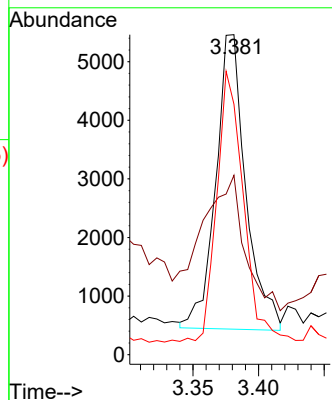
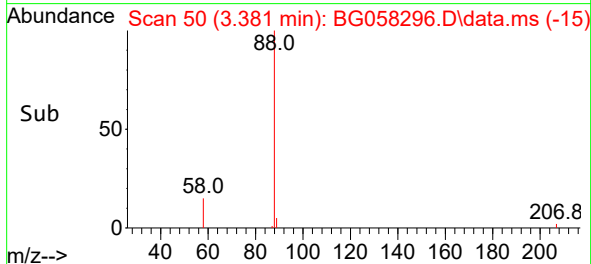


#2
1,4-Dioxane
Concen: 7.539 ng/uL
RT: 3.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Instrument :
BNA_M
ClientSampleId :

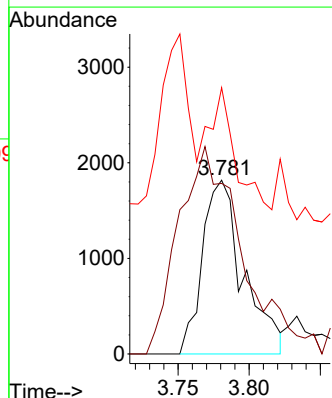
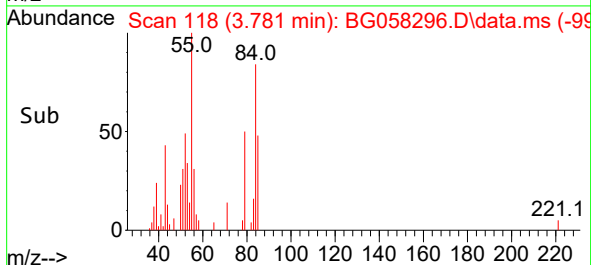
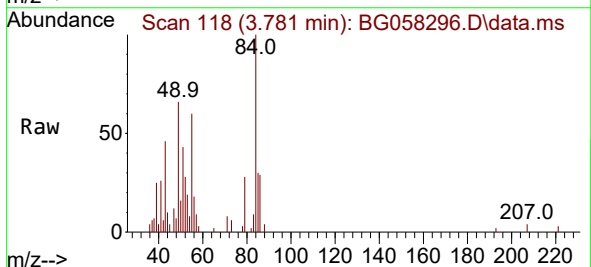


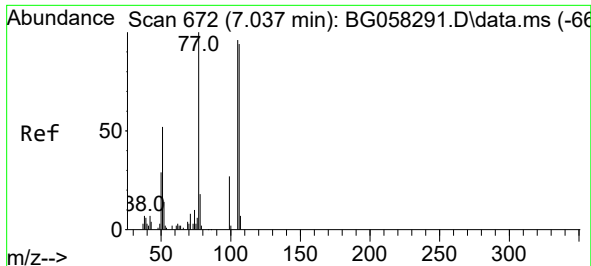
Tgt Ion: 88 Resp: 7999
Ion Ratio Lower Upper
88 100
43 56.1 19.6 29.4#
58 78.2 70.2 105.4



#5
Pyridine
Concen: 1.238 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.012 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion: 79 Resp: 3631
Ion Ratio Lower Upper
79 100
52 98.1 72.3 108.5
51 153.2 33.4 50.0#

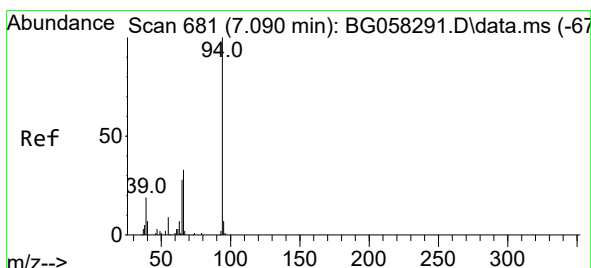
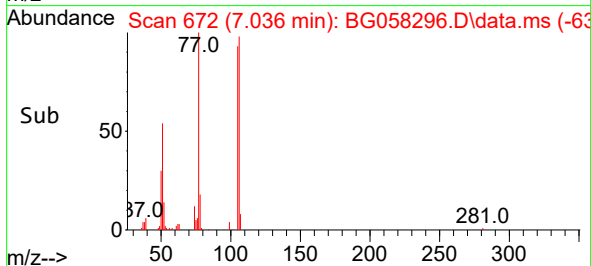
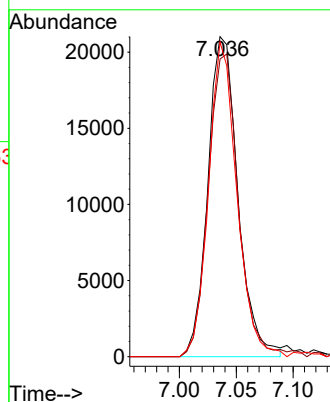
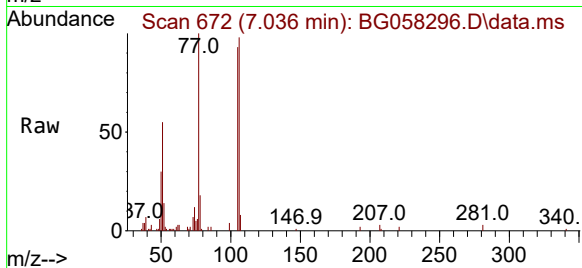




#6
Benzaldehyde
Concen: 29.263 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

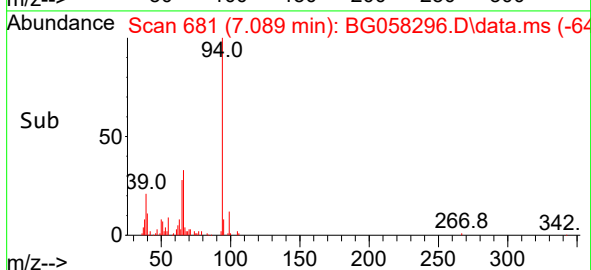
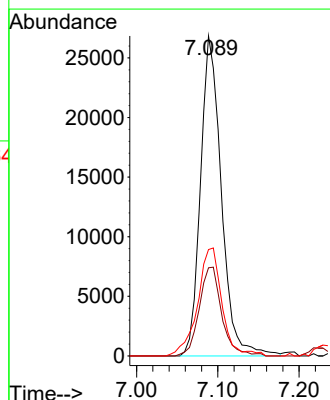
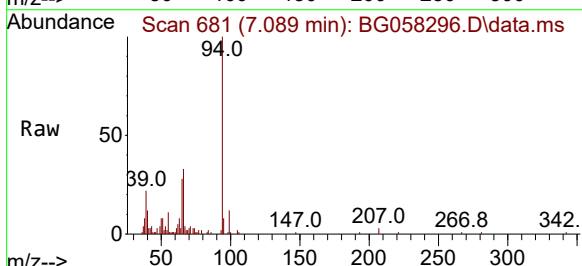
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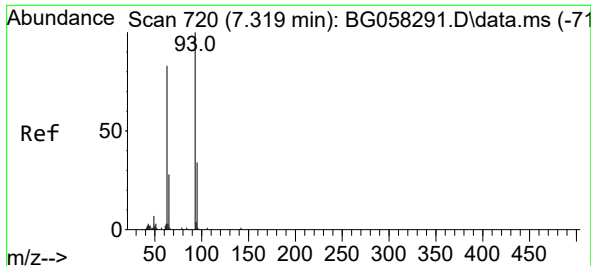
Tgt Ion: 77 Resp: 38596
Ion Ratio Lower Upper
77 100
105 93.0 78.2 117.4
106 98.3 71.6 107.4



#8
Phenol
Concen: 14.129 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion: 94 Resp: 47918
Ion Ratio Lower Upper
94 100
65 27.5 23.8 35.8
66 33.2 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 20.311 ng/ul

RT: 7.318 min Scan# 71

Delta R.T. 0.001 min

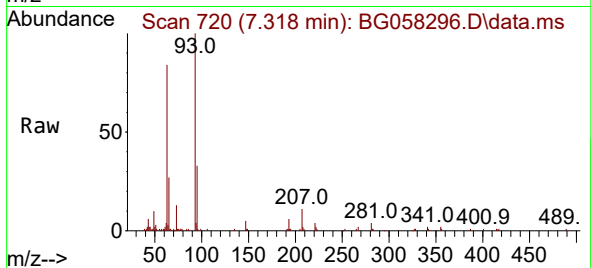
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Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :



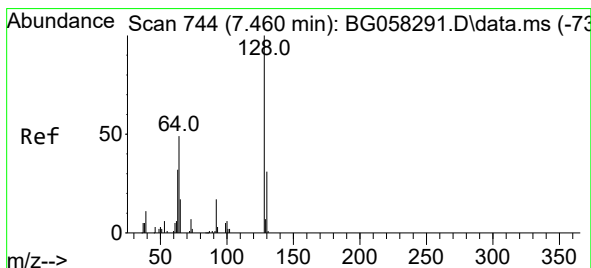
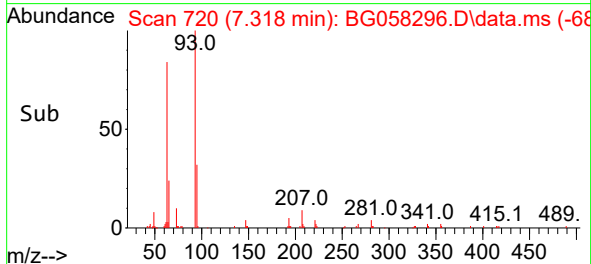
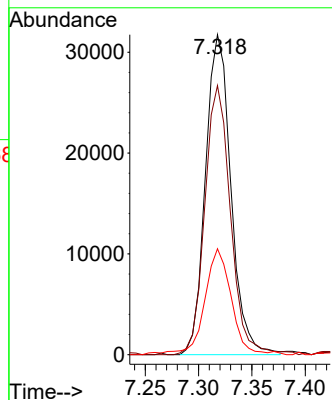
Tgt Ion: 93 Resp: 52772

Ion Ratio Lower Upper

93 100

63 84.1 67.7 101.5

95 33.1 27.0 40.6



#12

2-Chlorophenol

Concen: 18.006 ng/ul

RT: 7.465 min Scan# 745

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

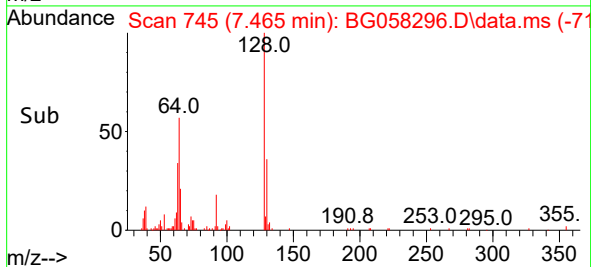
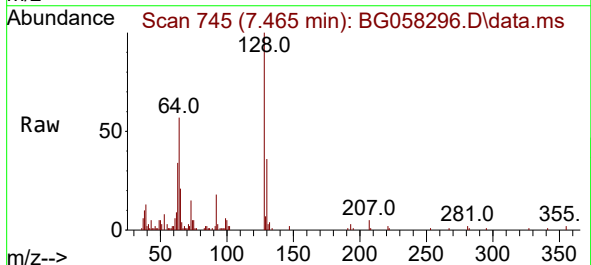
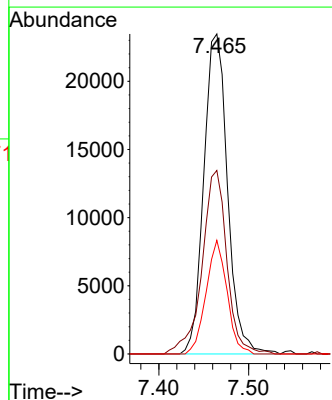
Tgt Ion:128 Resp: 43088

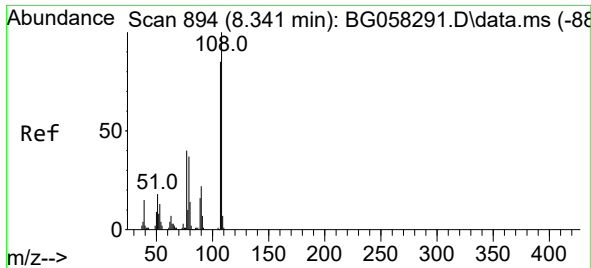
Ion Ratio Lower Upper

128 100

64 57.3 45.6 68.4

130 35.5 25.2 37.8

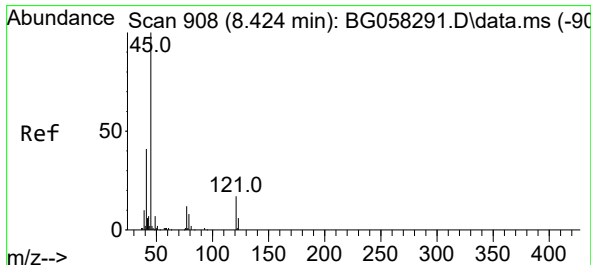
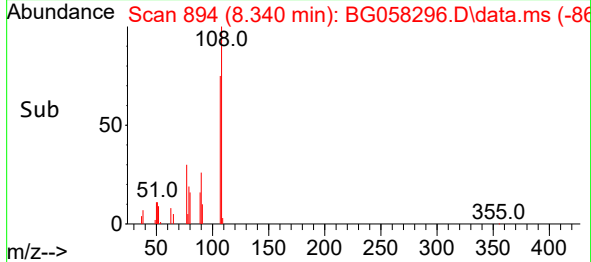
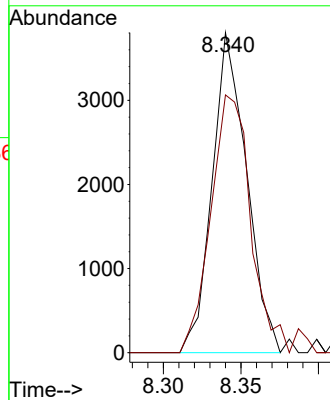
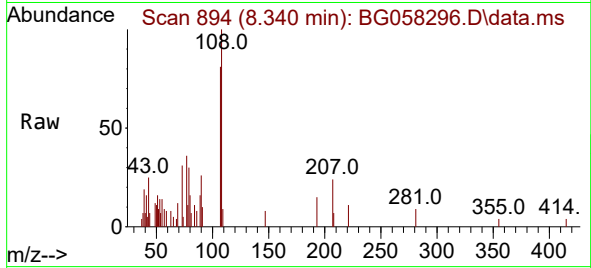




#13
2-Methylphenol
Concen: 2.218 ng/ul
RT: 8.340 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG058296.D
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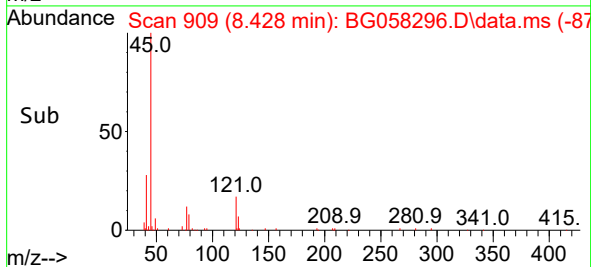
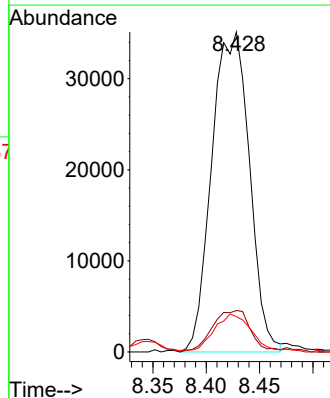
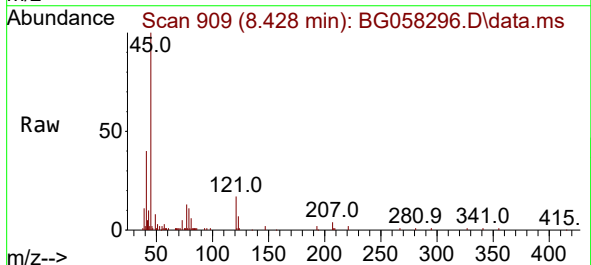
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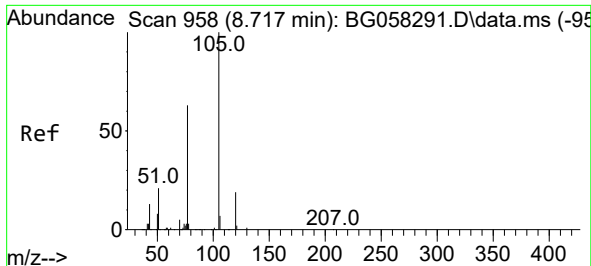
Tgt Ion:108 Resp: 5864
Ion Ratio Lower Upper
108 100
107 80.5 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.259 ng/ul
RT: 8.428 min Scan# 909
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion: 45 Resp: 86261
Ion Ratio Lower Upper
45 100
77 13.0 9.4 14.2
79 11.1 7.4 11.2

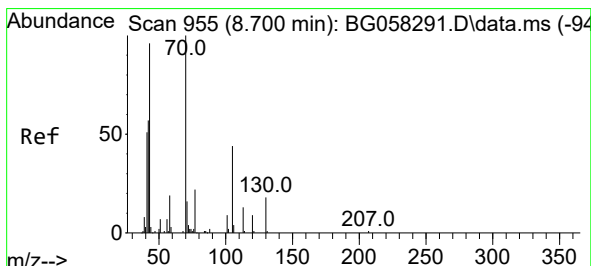
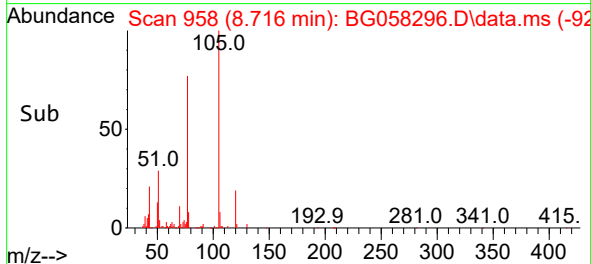
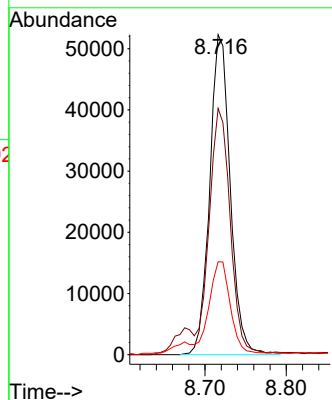
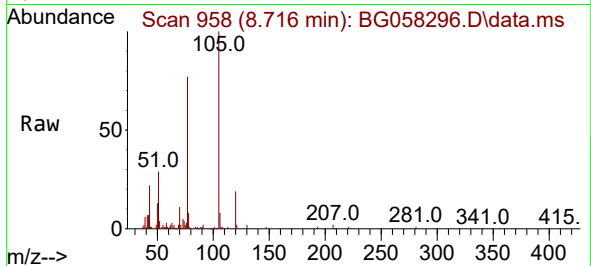




#16
Acetophenone
Concen: 21.655 ng/ul
RT: 8.716 min Scan# 916
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

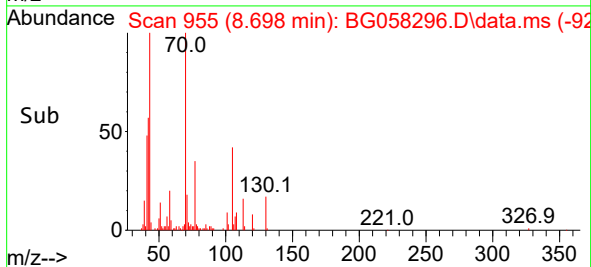
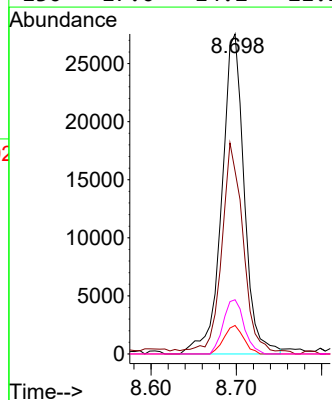
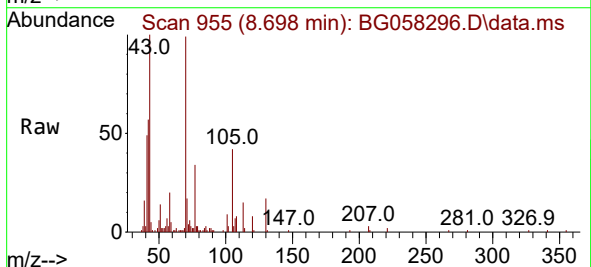
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BNA_M
ClientSampleId :

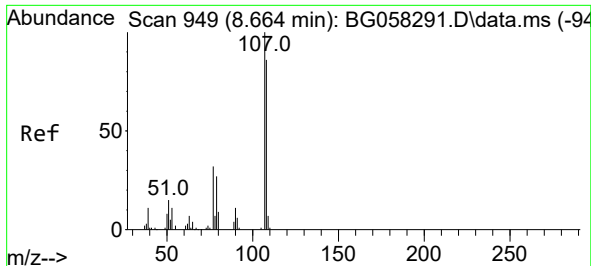
Tgt Ion:105 Resp: 91868
Ion Ratio Lower Upper
105 100
77 76.9 60.7 91.1
51 29.0 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 21.694 ng/ul
RT: 8.698 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion: 70 Resp: 50371
Ion Ratio Lower Upper
70 100
42 57.1 46.6 69.8
101 8.9 7.3 10.9
130 17.0 14.2 21.2

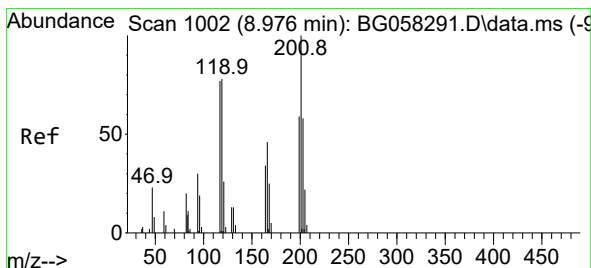
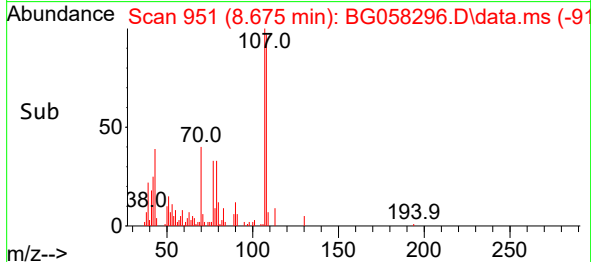
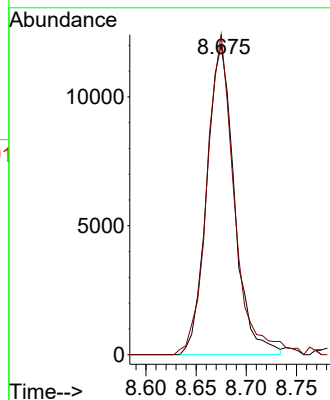
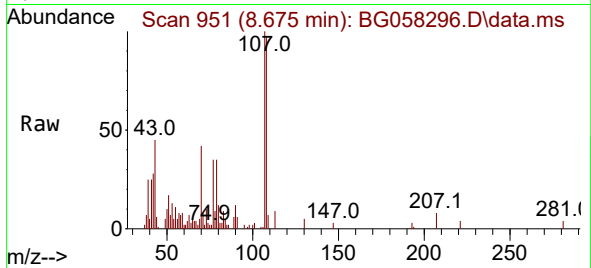




#18
4-Methylphenol
Concen: 8.015 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

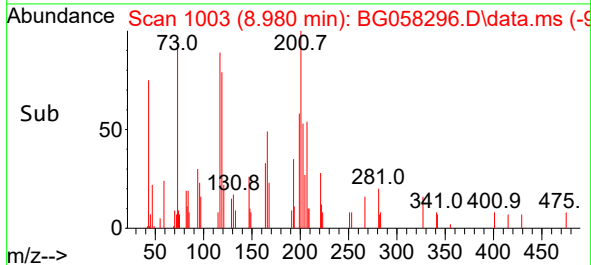
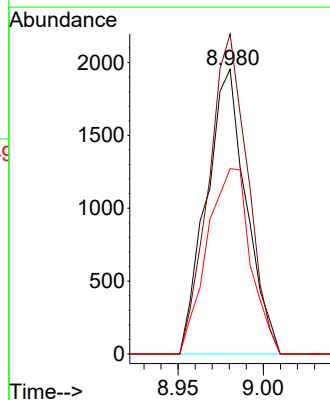
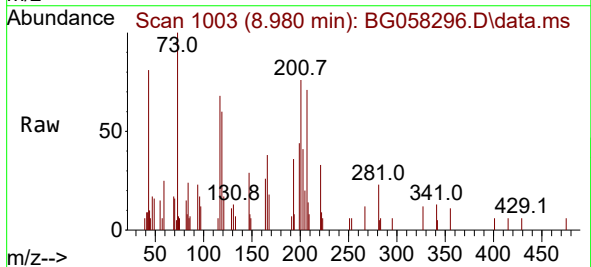
Instrument :
BNA_M
ClientSampleId :

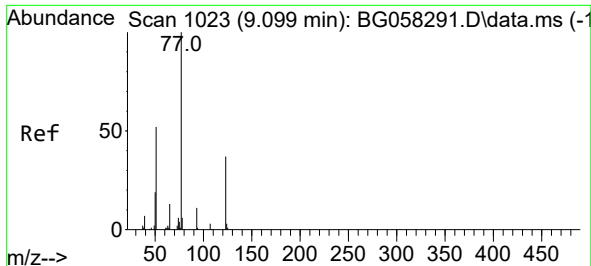
Tgt Ion:108 Resp: 23024
Ion Ratio Lower Upper
108 100
107 103.4 90.6 136.0



#19
Hexachloroethane
Concen: 3.363 ng/ul
RT: 8.980 min Scan# 1003
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

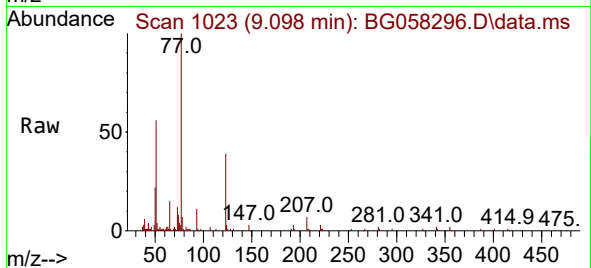
Tgt Ion:117 Resp: 3172
Ion Ratio Lower Upper
117 100
201 112.4 103.6 155.4
199 65.1 60.1 90.1



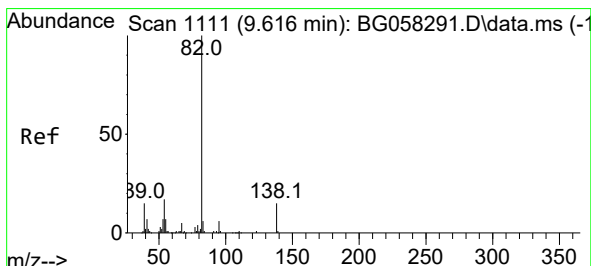
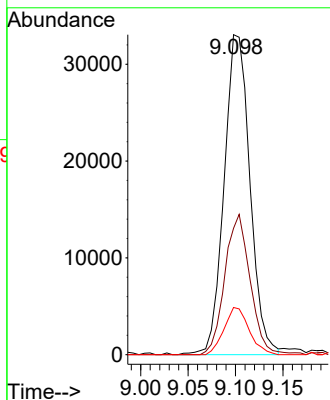
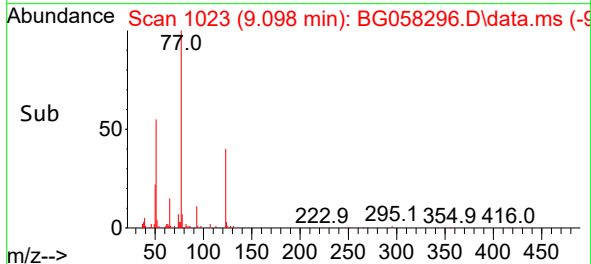


#22
Nitrobenzene
Concen: 19.897 ng/ul
RT: 9.098 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

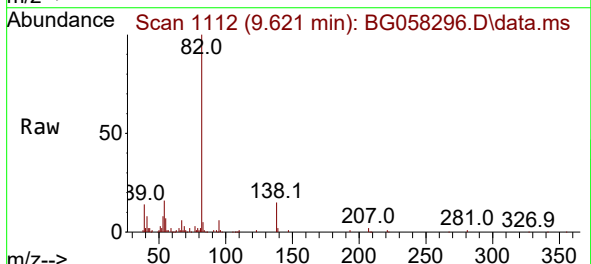
Instrument :
BNA_M
ClientSampleId :



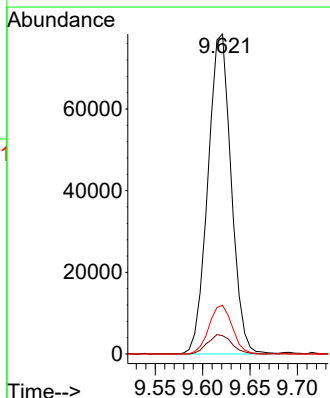
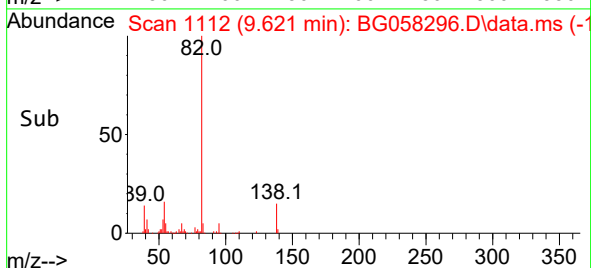
Tgt Ion: 77 Resp: 62734
Ion Ratio Lower Upper
77 100
123 39.5 34.0 51.0
65 14.7 11.0 16.6

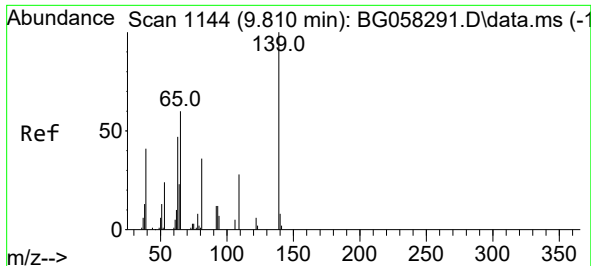


#23
Isophorone
Concen: 18.936 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31



Tgt Ion: 82 Resp: 133851
Ion Ratio Lower Upper
82 100
95 5.7 5.1 7.7
138 15.2 11.9 17.9

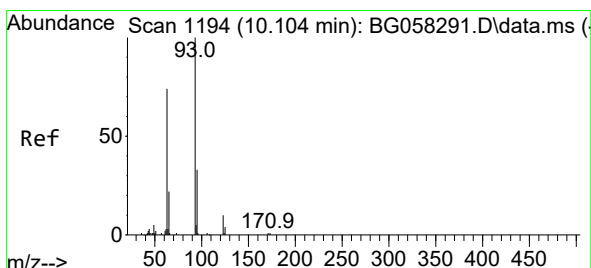
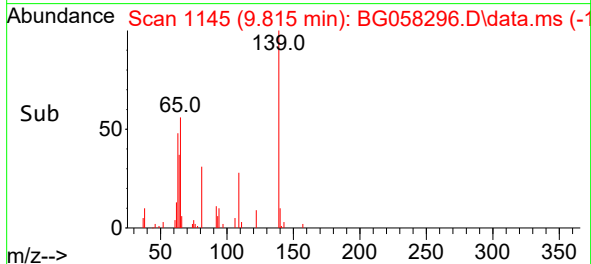
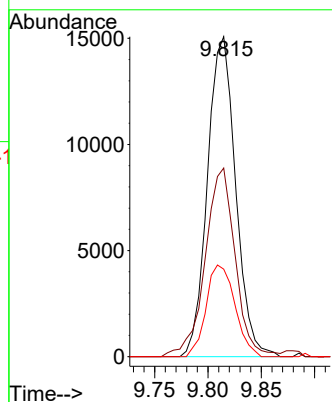
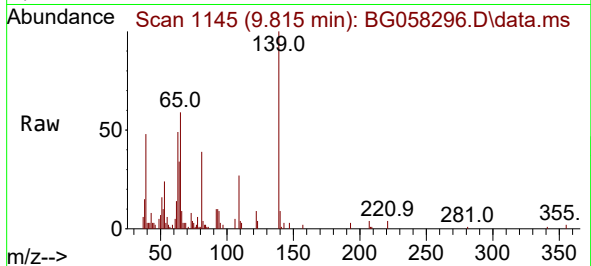




#25
2-Nitrophenol
Concen: 20.161 ng/ul
RT: 9.815 min Scan# 1144
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

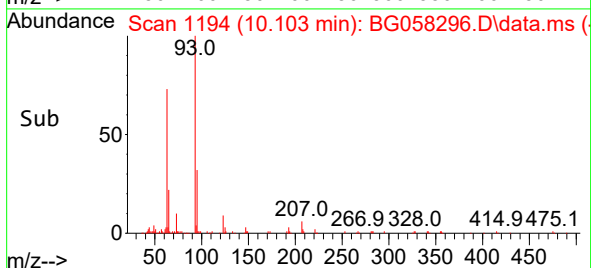
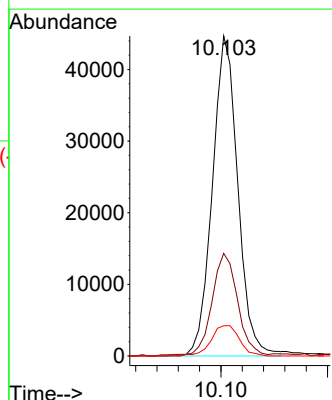
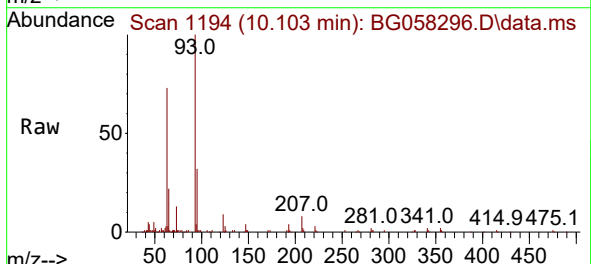
Instrument :
BNA_M
ClientSampleId :

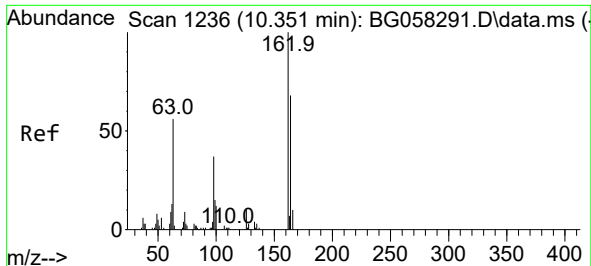
Tgt Ion:139 Resp: 27796
Ion Ratio Lower Upper
139 100
65 59.0 49.2 73.8
109 27.4 21.6 32.4



#27
Bis(2-Chloroethoxy)methane
Concen: 19.747 ng/ul
RT: 10.103 min Scan# 1194
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion: 93 Resp: 73928
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 9.4 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 15.698 ng/ul

RT: 10.349 min Scan# 1236

Delta R.T. 0.001 min

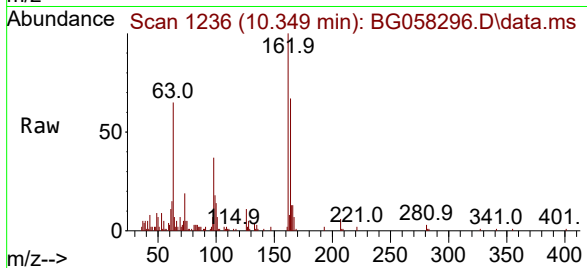
Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :



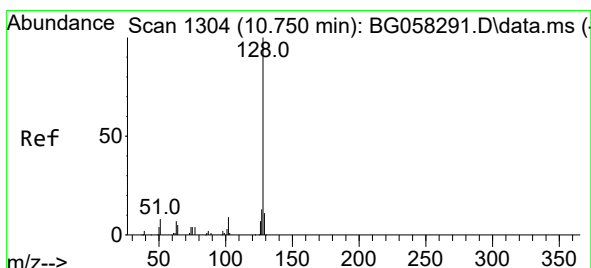
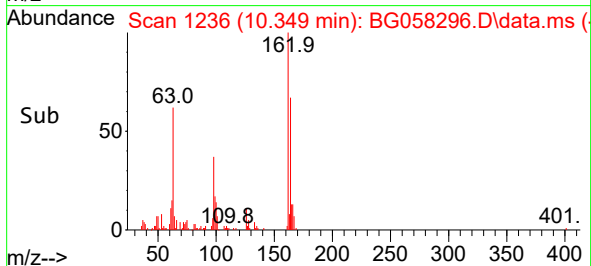
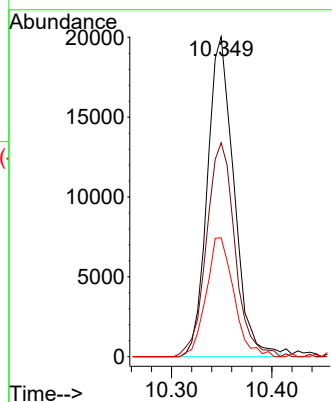
Tgt Ion:162 Resp: 36865

Ion Ratio Lower Upper

162 100

164 66.9 58.4 87.6

98 37.2 29.6 44.4



#30

Naphthalene

Concen: 18.175 ng/ul

RT: 10.749 min Scan# 1304

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

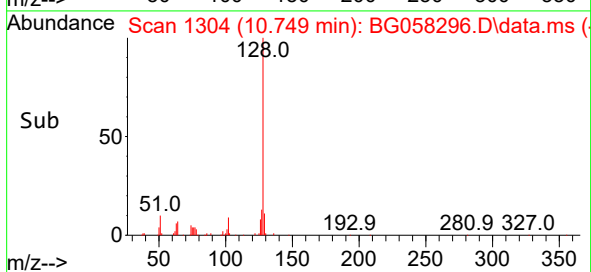
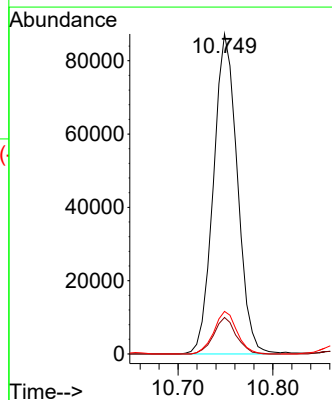
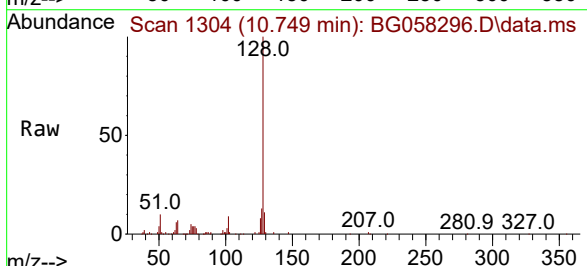
Tgt Ion:128 Resp: 153236

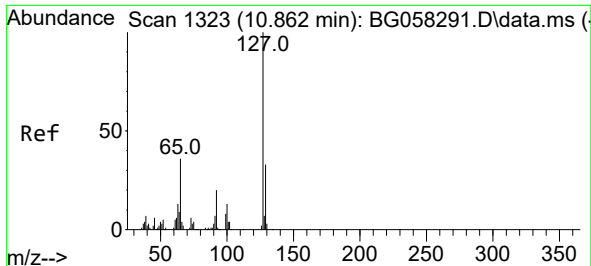
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.3 10.8 16.2

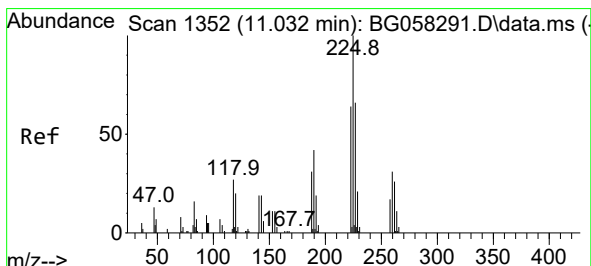
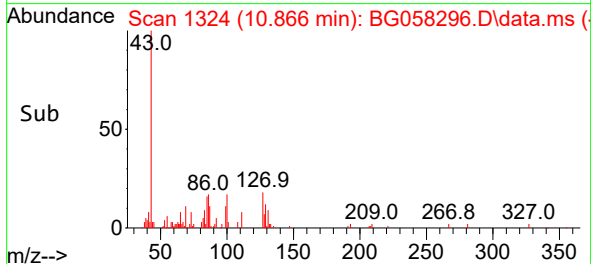
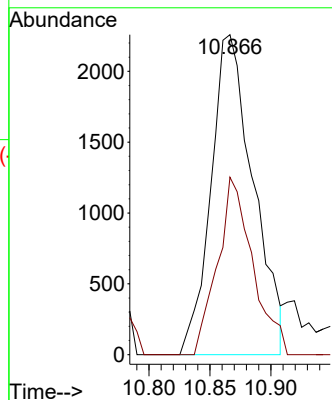
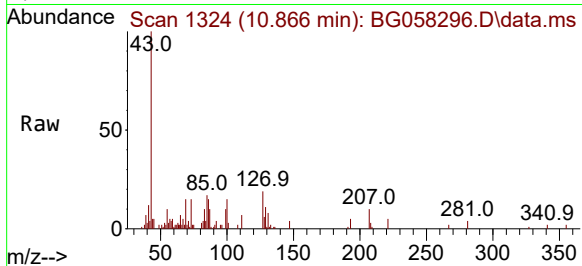




#32
4-Chloroaniline
Concen: 1.487 ng/ul
RT: 10.866 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

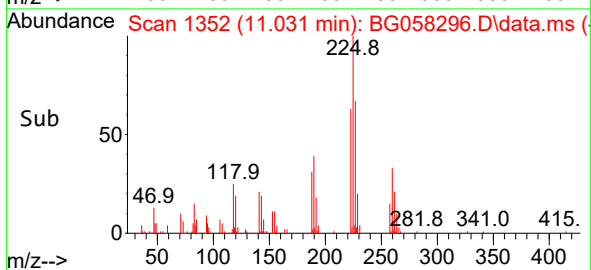
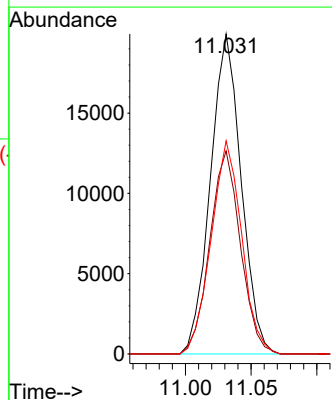
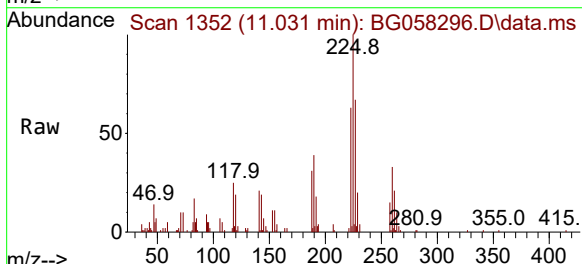
Instrument :
BNA_M
ClientSampleId :

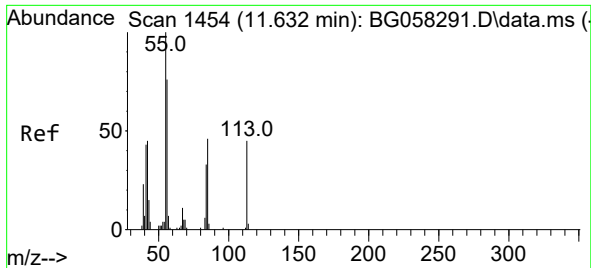
Tgt Ion:127 Resp: 5452
Ion Ratio Lower Upper
127 100
129 55.5 26.1 39.1#



#33
Hexachlorobutadiene
Concen: 19.333 ng/ul
RT: 11.031 min Scan# 1352
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:225 Resp: 32466
Ion Ratio Lower Upper
225 100
223 63.5 49.7 74.5
227 66.6 53.2 79.8

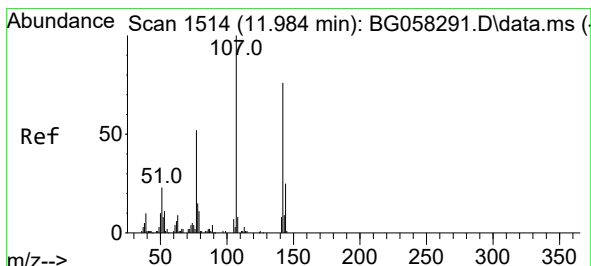
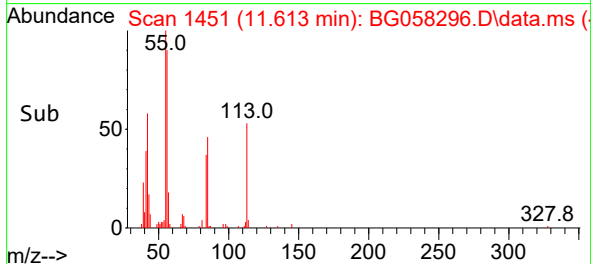
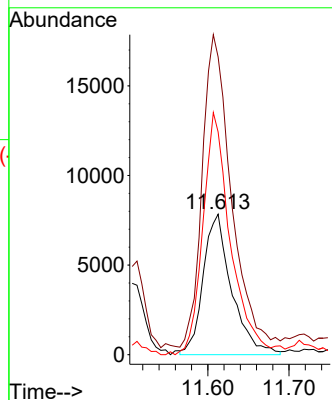
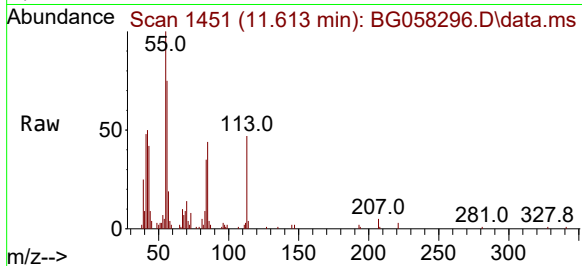




#34
Caprolactam
Concen: 19.539 ng/ul
RT: 11.613 min Scan# 1454
Delta R.T. -0.023 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

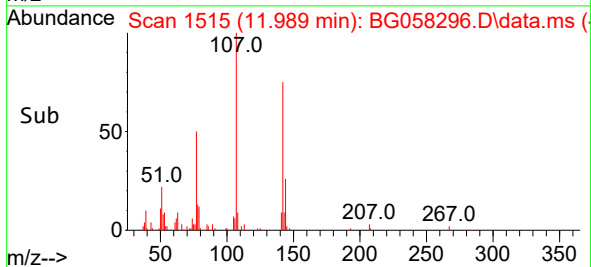
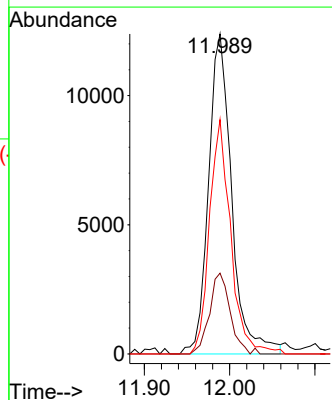
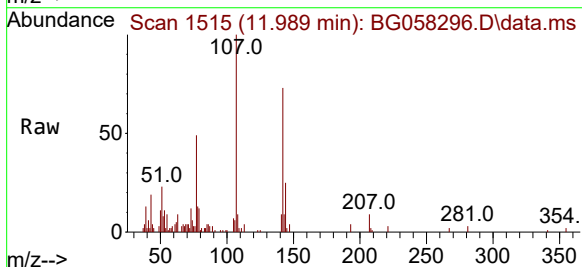
Instrument :
BNA_M
ClientSampleId :

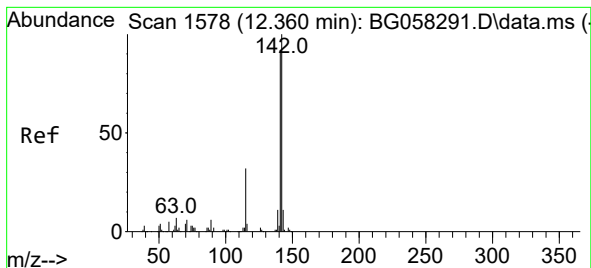
Tgt Ion	Ratio	Lower	Upper
113	100		
55	212.0	179.8	269.6
56	158.6	132.2	198.4



#35
4-Chloro-3-methylphenol
Concen: 7.817 ng/ul
RT: 11.989 min Scan# 1515
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.0	28.6
142	73.2	55.8	83.6

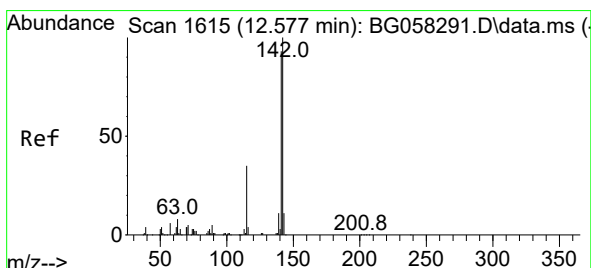
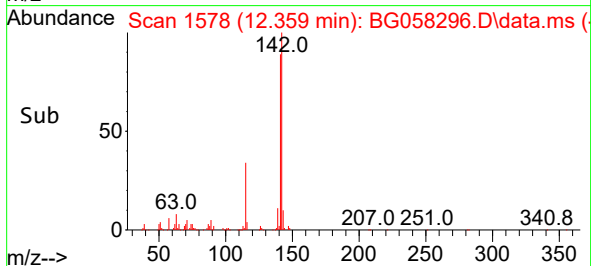
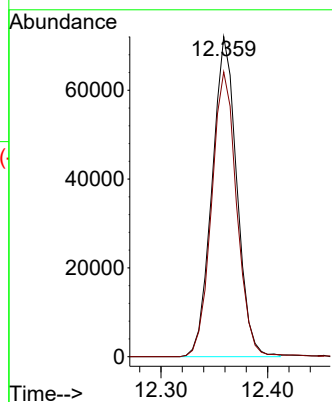
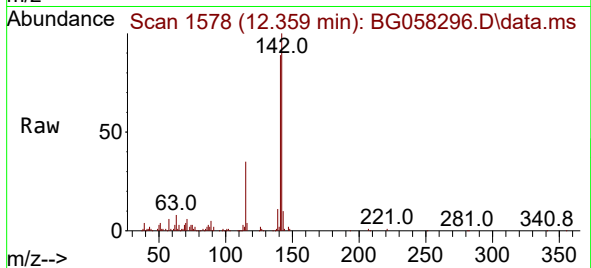




#36
2-Methylnaphthalene
Concen: 20.560 ng/ul
RT: 12.359 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

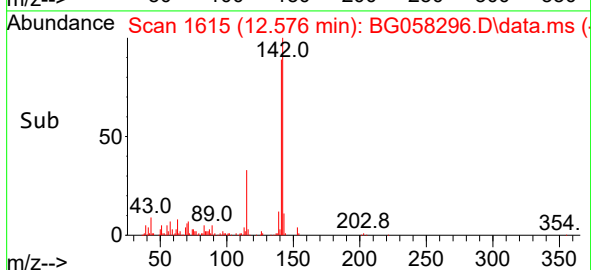
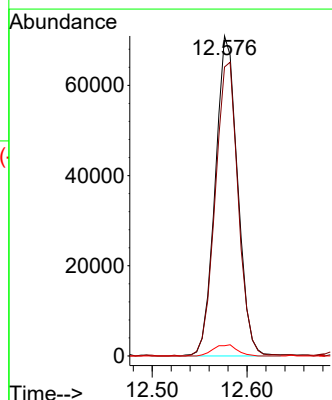
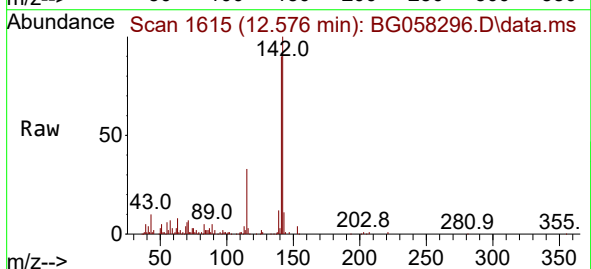
Instrument :
BNA_M
ClientSampleId :

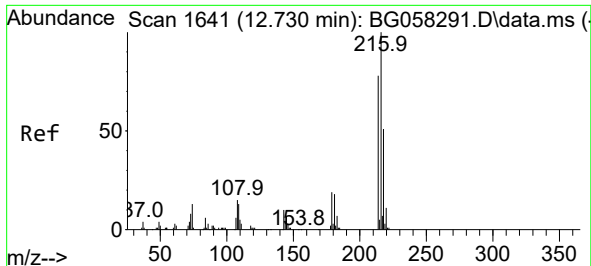
Tgt Ion:142 Resp: 116136
Ion Ratio Lower Upper
142 100
141 89.0 72.6 108.8



#37
1-Methylnaphthalene
Concen: 20.112 ng/ul
RT: 12.576 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:142 Resp: 116433
Ion Ratio Lower Upper
142 100
141 90.3 75.8 113.6
116 3.2 3.2 4.8

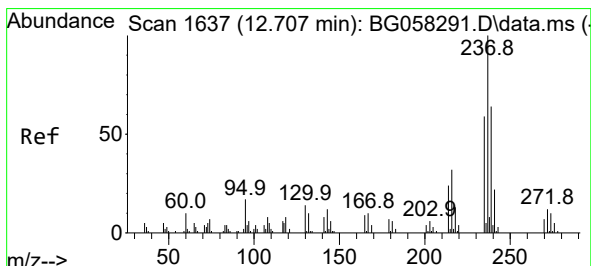
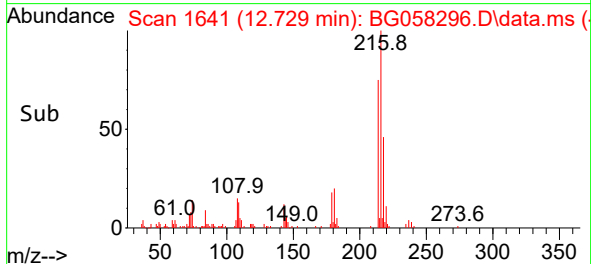
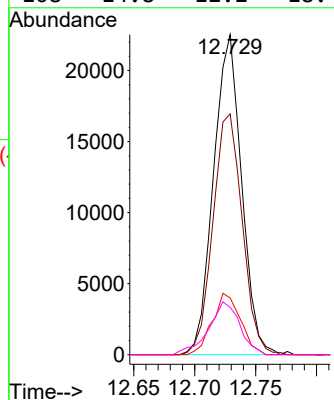
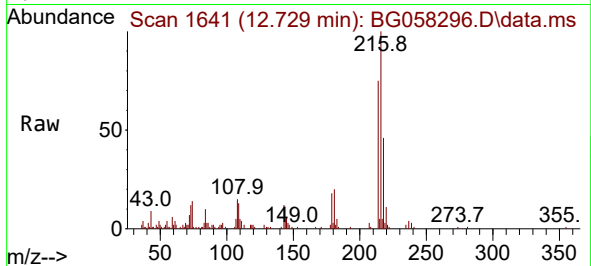




#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.933 ng/ul
RT: 12.729 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

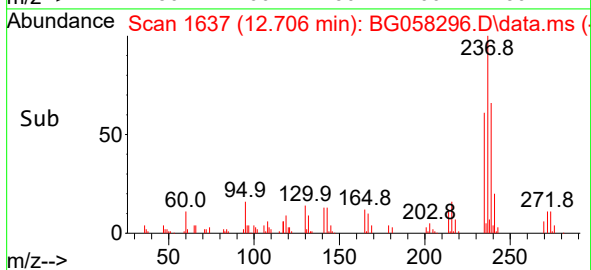
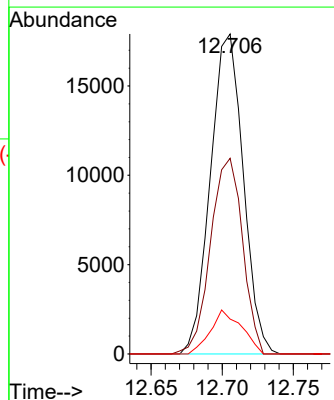
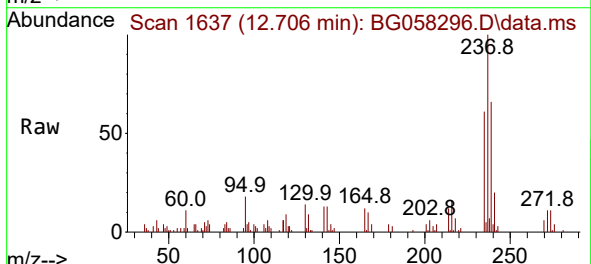
Instrument :
BNA_M
ClientSampleId :

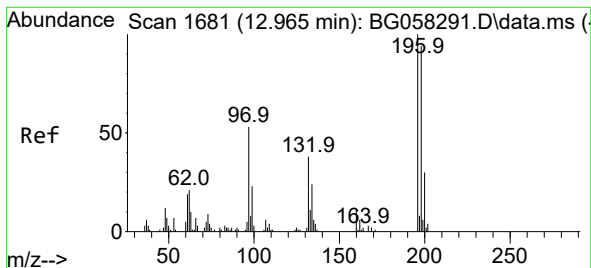
Tgt Ion:216	Resp:	36038
Ion Ratio	Lower	Upper
216	100	
214	75.3	62.2 93.4
179	17.8	16.2 24.2
108	14.8	12.2 18.4



#40
Hexachlorocyclopentadiene
Concen: 16.232 ng/ul
RT: 12.706 min Scan# 1637
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:237	Resp:	28777
Ion Ratio	Lower	Upper
237	100	
235	61.2	50.9 76.3
272	10.9	10.8 16.2





#41

2,4,6-Trichlorophenol

Concen: 14.440 ng/ul

RT: 12.970 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

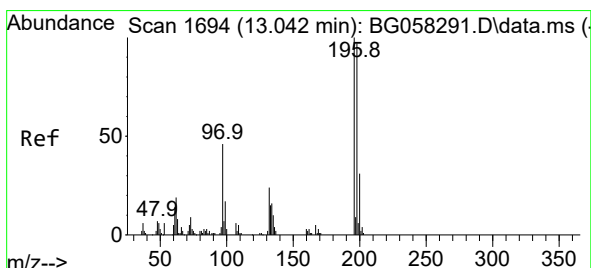
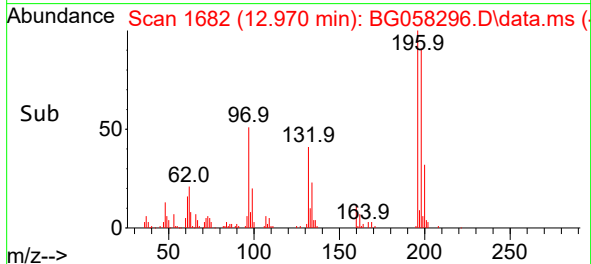
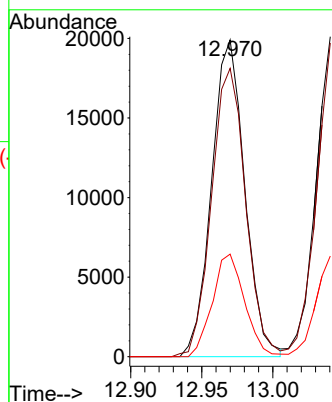
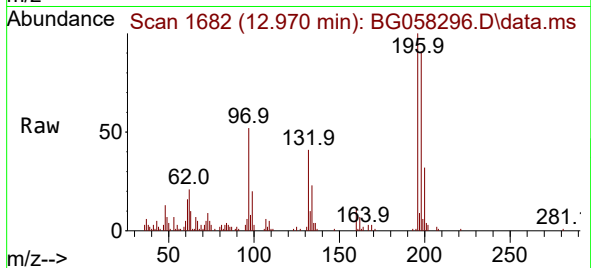
Tgt Ion:196 Resp: 32220

Ion Ratio Lower Upper

196 100

198 91.0 77.7 116.5

200 32.4 25.0 37.6



#42

2,4,5-Trichlorophenol

Concen: 15.014 ng/ul

RT: 13.046 min Scan# 1695

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

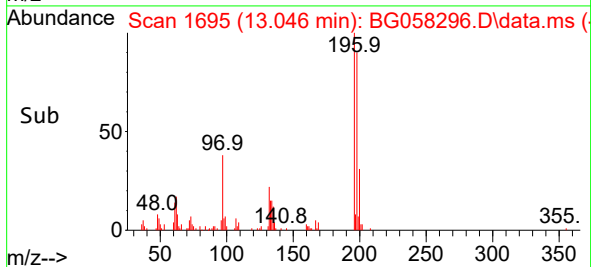
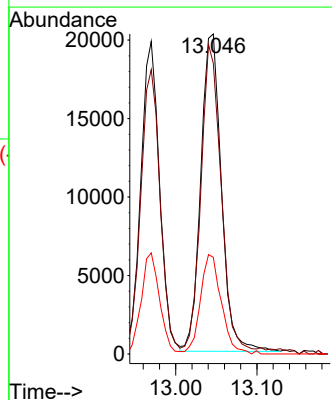
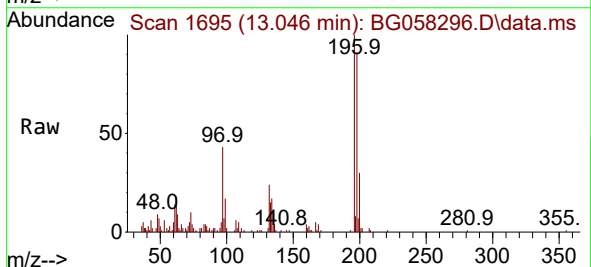
Tgt Ion:196 Resp: 35723

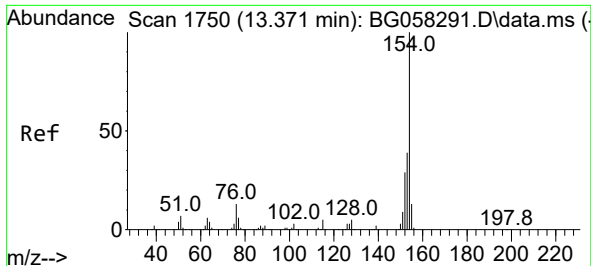
Ion Ratio Lower Upper

196 100

198 90.8 74.8 112.2

200 30.2 24.4 36.6

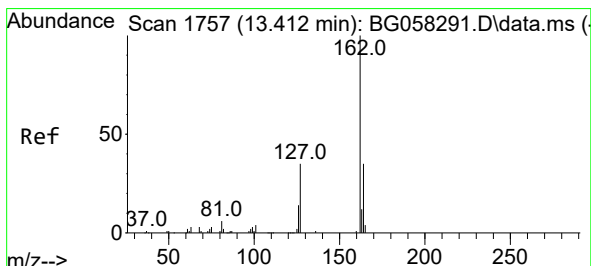
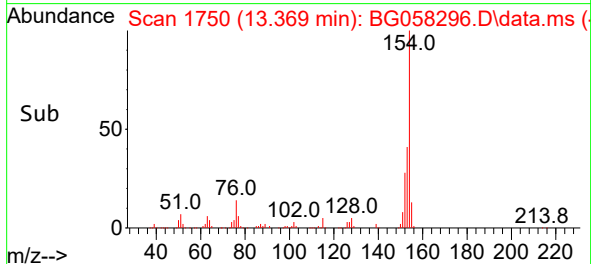
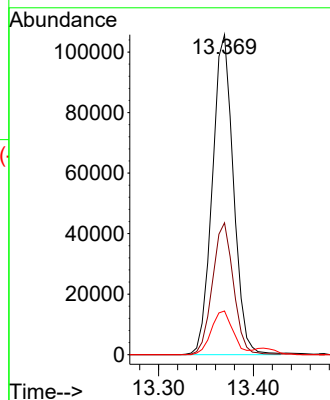
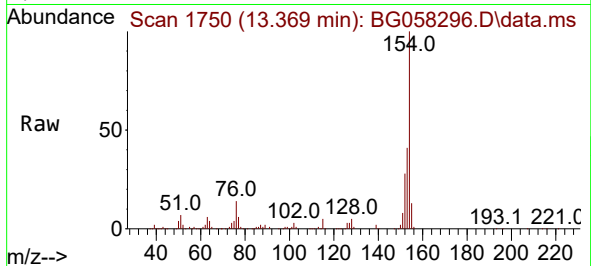




#43
1,1'-Biphenyl
Concen: 21.217 ng/ul
RT: 13.369 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

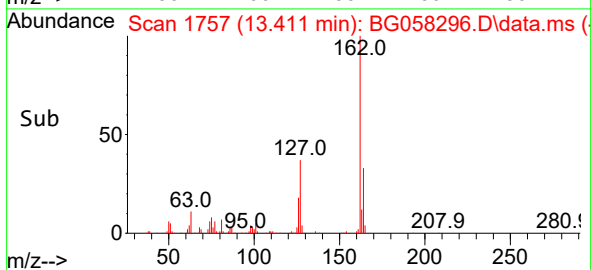
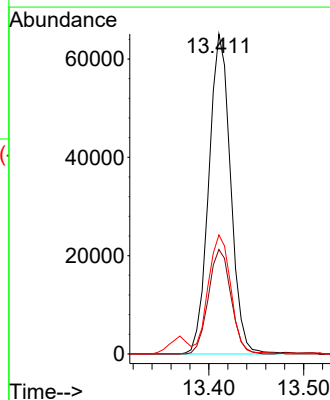
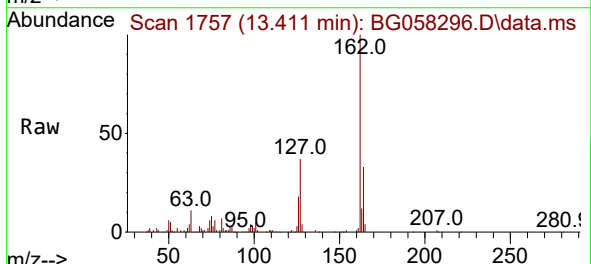
Instrument :
BNA_M
ClientSampleId :

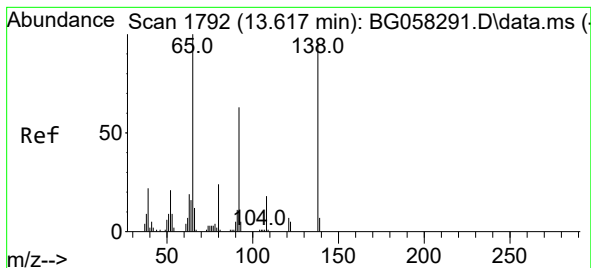
Tgt Ion:154 Resp: 163359
Ion Ratio Lower Upper
154 100
153 41.2 31.8 47.6
76 13.7 11.7 17.5



#44
2-Chloronaphthalene
Concen: 16.969 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:162 Resp: 103880
Ion Ratio Lower Upper
162 100
164 32.7 26.2 39.2
127 37.2 29.8 44.6





#45

2-Nitroaniline

Concen: 21.707 ng/ul

RT: 13.616 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

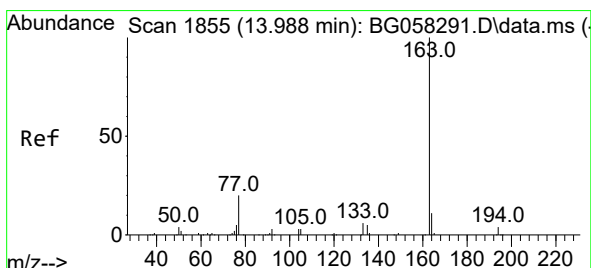
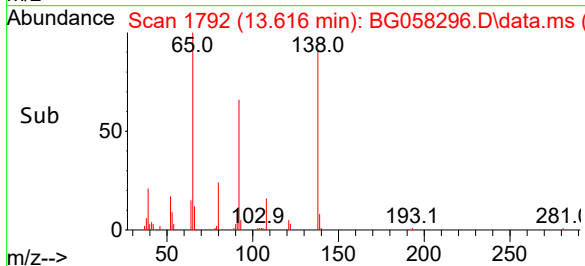
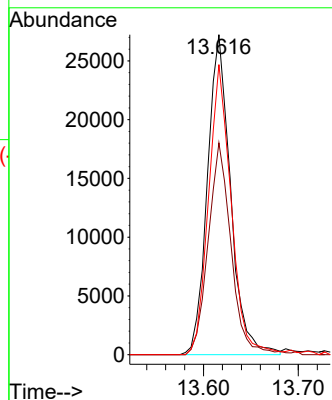
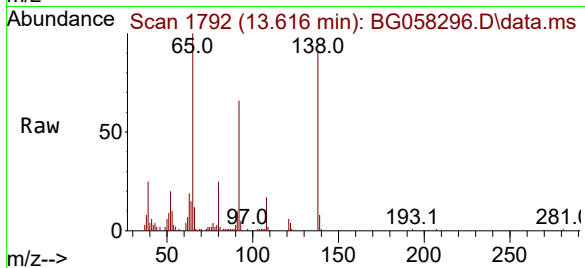
Tgt Ion: 65 Resp: 46158

Ion Ratio Lower Upper

65 100

92 66.2 51.4 77.2

138 90.7 71.6 107.4



#47

Dimethylphthalate

Concen: 21.140 ng/ul

RT: 13.986 min Scan# 1855

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

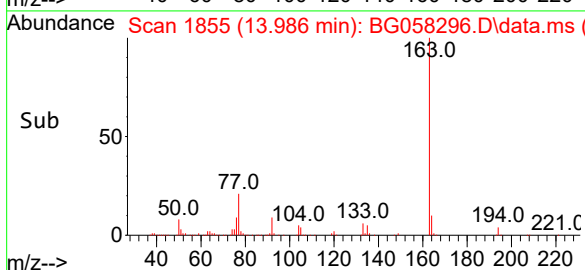
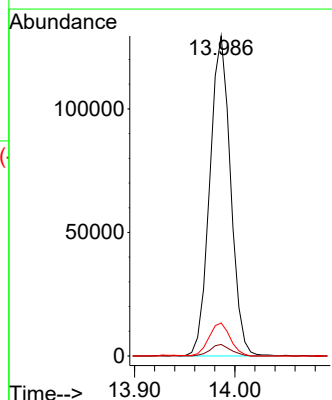
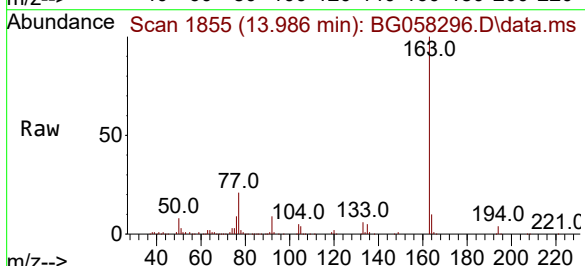
Tgt Ion:163 Resp: 186440

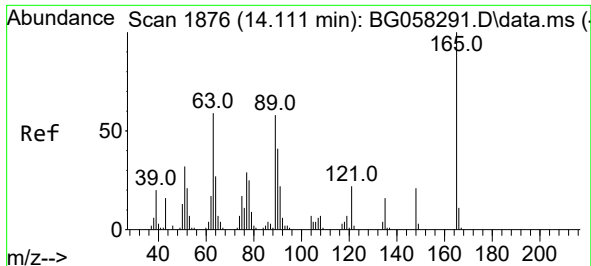
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.3 8.2 12.2

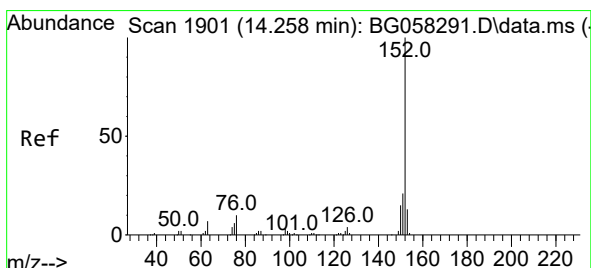
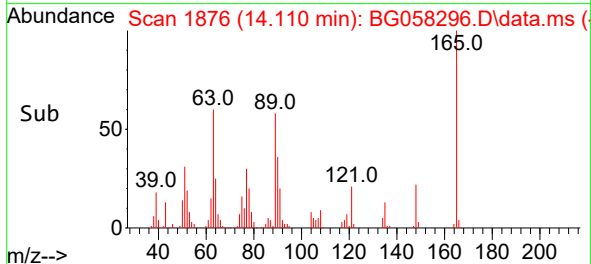
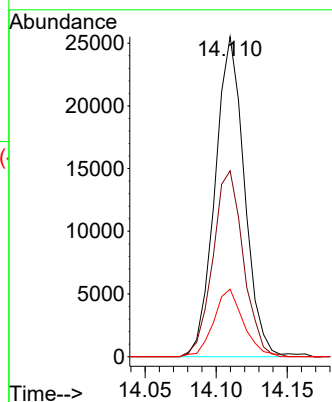
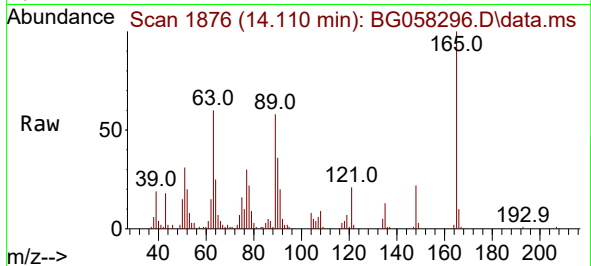




#48
2,6-Dinitrotoluene
Concen: 21.501 ng/ul
RT: 14.110 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

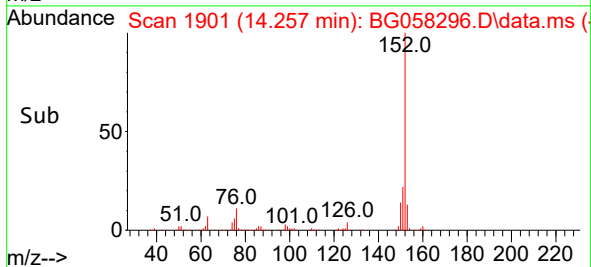
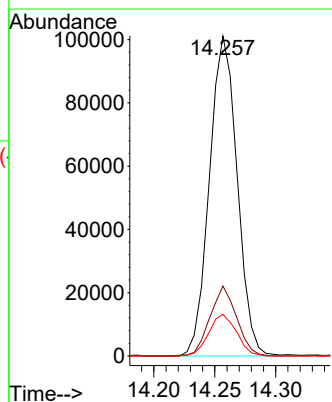
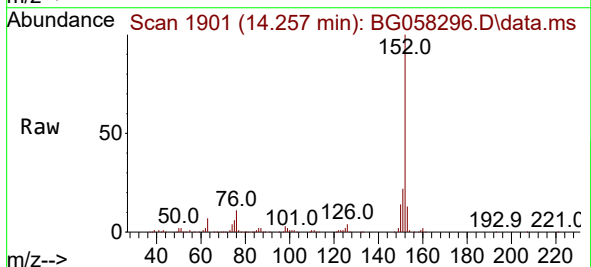
Instrument :
BNA_M
ClientSampleId :

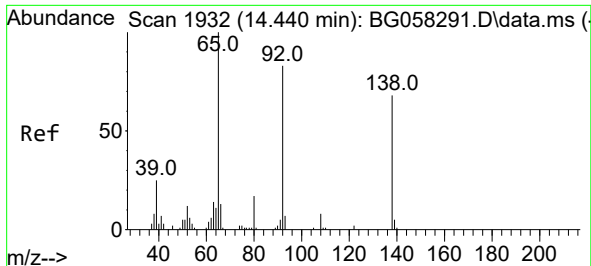
Tgt Ion:165 Resp: 36643
Ion Ratio Lower Upper
165 100
89 58.1 48.9 73.3
121 21.1 16.2 24.4



#50
Acenaphthylene
Concen: 16.122 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:152 Resp: 160131
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 13.0 10.6 16.0

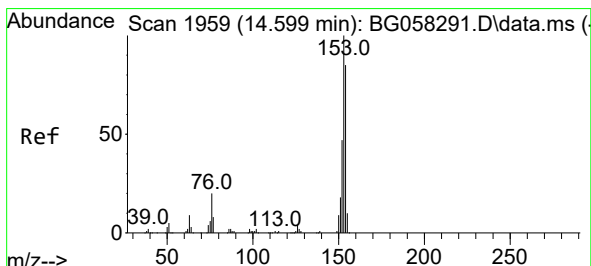
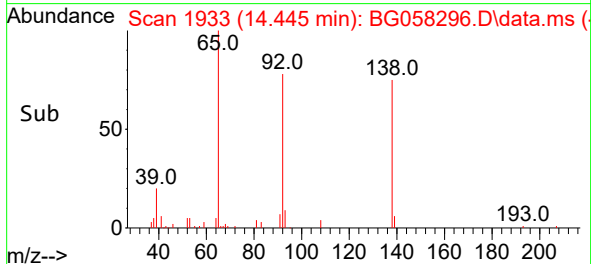
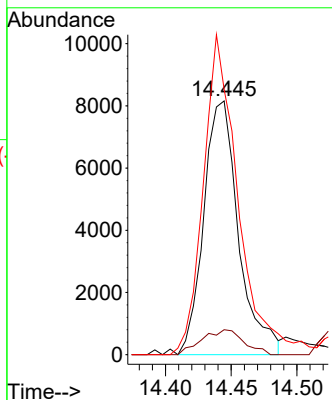
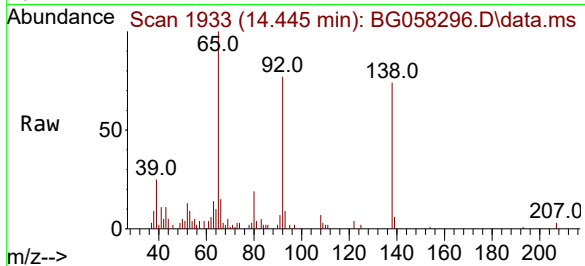




#51
3-Nitroaniline
Concen: 10.608 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

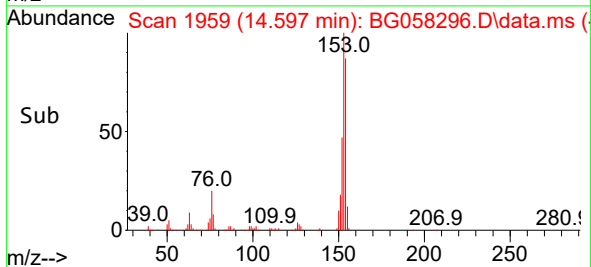
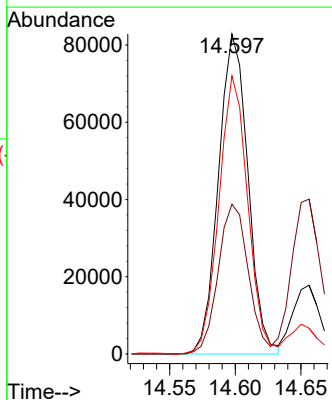
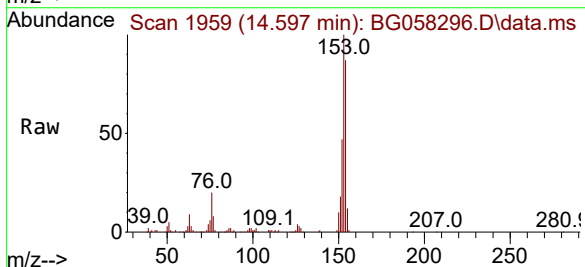
Instrument :
BNA_M
ClientSampleId :

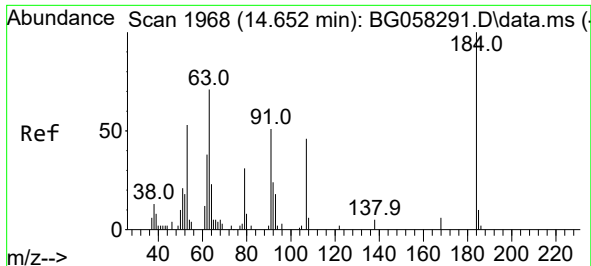
Tgt Ion:138 Resp: 15066
Ion Ratio Lower Upper
138 100
108 9.8 8.6 13.0
92 104.5 108.4 162.6#



#52
Acenaphthene
Concen: 18.763 ng/ul
RT: 14.597 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:153 Resp: 129388
Ion Ratio Lower Upper
153 100
152 46.8 39.1 58.7
154 86.9 68.7 103.1

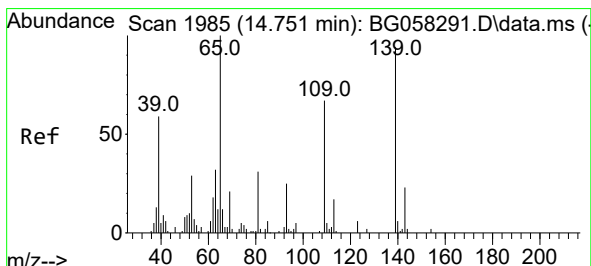
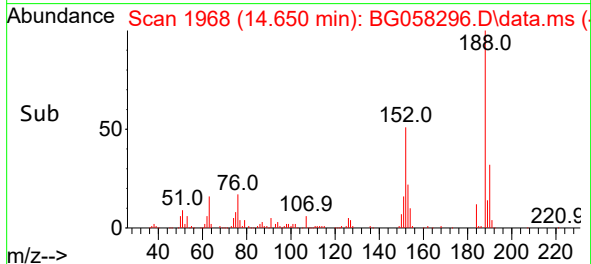
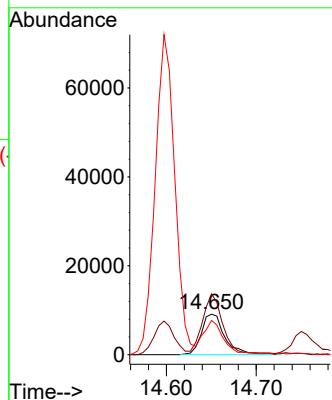
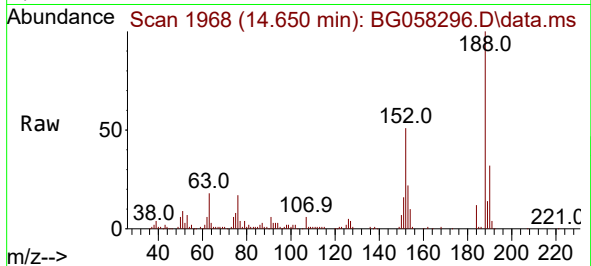




#53
2,4-Dinitrophenol
Concen: 18.411 ng/ul
RT: 14.650 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

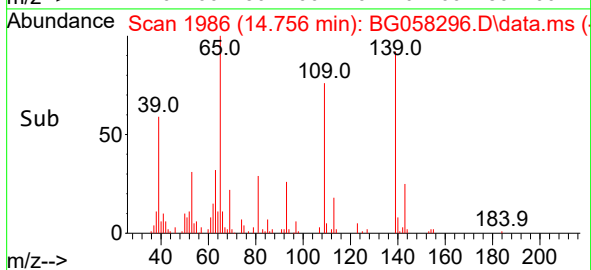
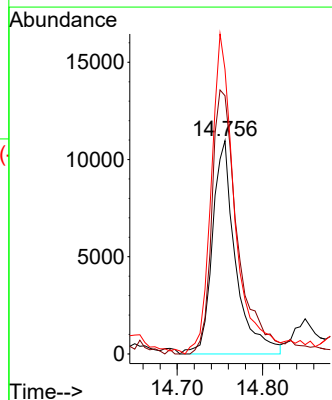
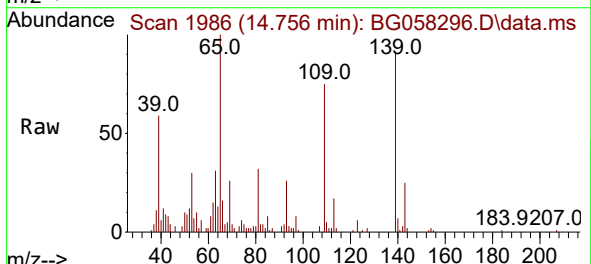
Instrument :
BNA_M
ClientSampleId :

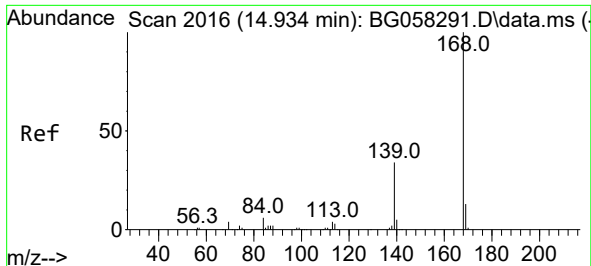
Tgt Ion:184 Resp: 16699
Ion Ratio Lower Upper
184 100
63 149.9 52.9 79.3#
154 84.6 47.8 71.8#



#55
4-Nitrophenol
Concen: 20.335 ng/ul
RT: 14.756 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:109 Resp: 20767
Ion Ratio Lower Upper
109 100
139 121.1 100.3 150.5
65 133.4 120.6 180.8

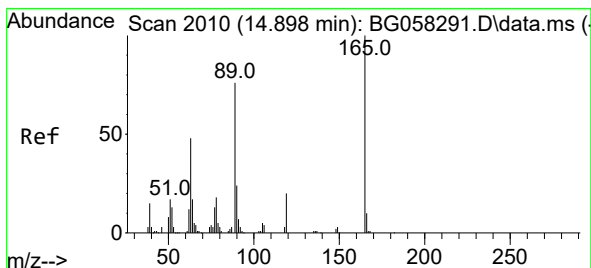
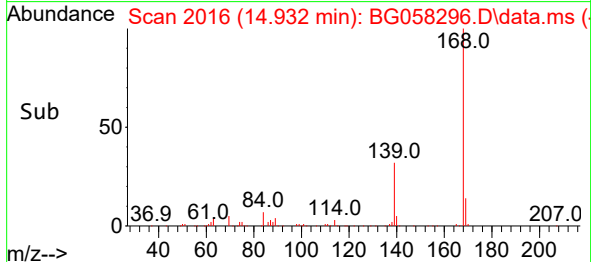
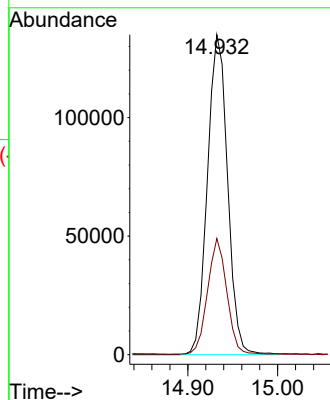
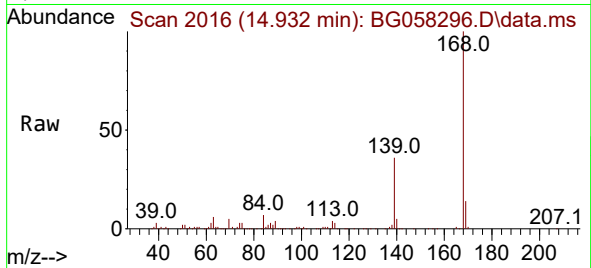




#56
Dibenzenofuran
Concen: 21.406 ng/ul
RT: 14.932 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

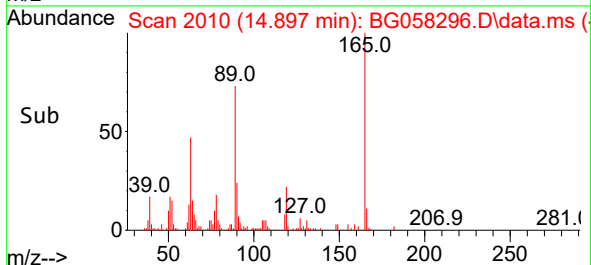
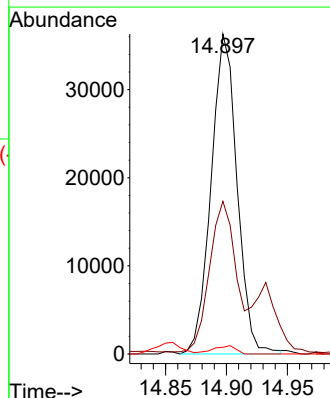
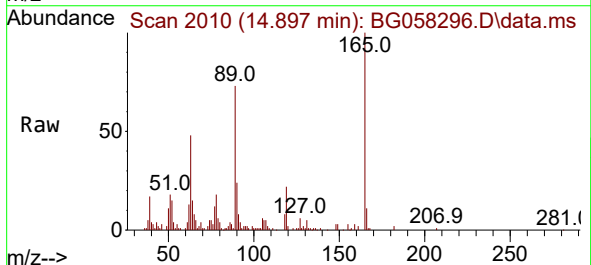
Instrument :
BNA_M
ClientSampleId :

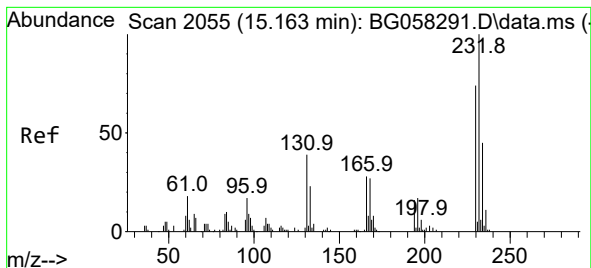
Tgt Ion:168 Resp: 210195
Ion Ratio Lower Upper
168 100
139 36.3 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 21.891 ng/ul
RT: 14.897 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:165 Resp: 53810
Ion Ratio Lower Upper
165 100
63 47.7 33.8 50.6
182 2.1 1.2 1.8#

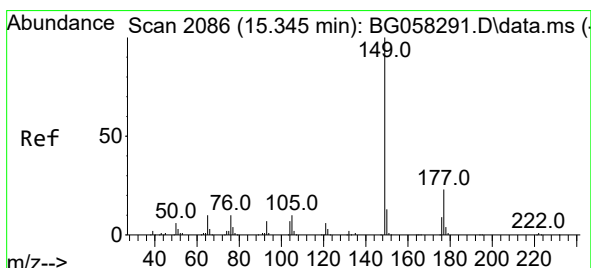
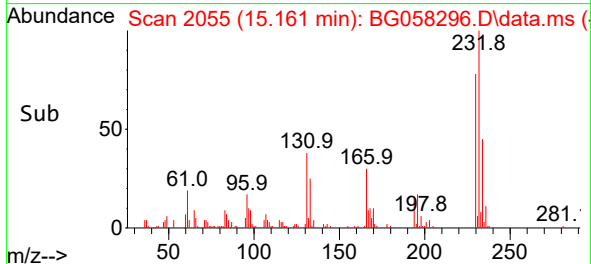
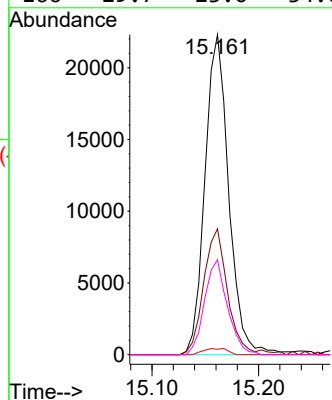
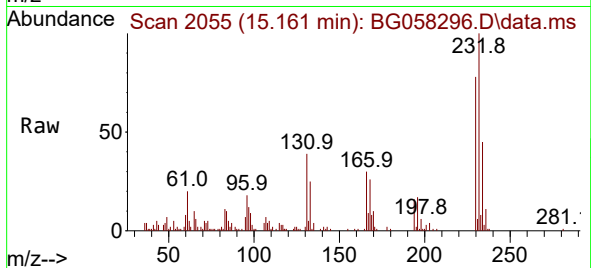




#58
2,3,4,6-Tetrachlorophenol
Concen: 15.752 ng/ul
RT: 15.161 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

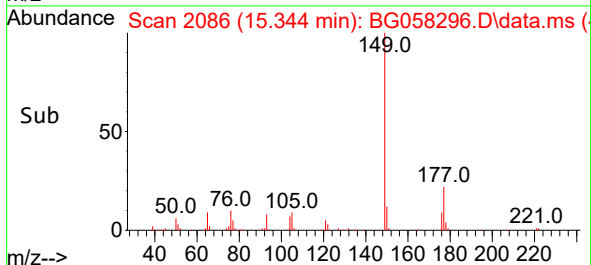
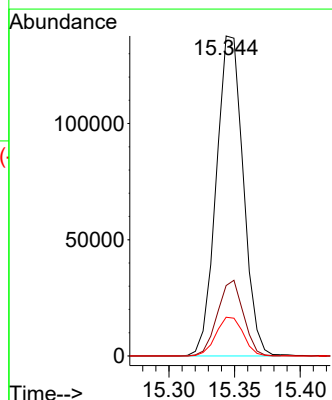
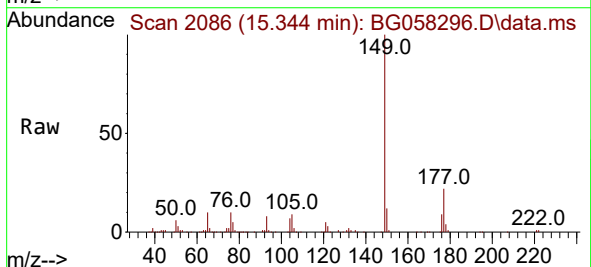
Instrument :
BNA_M
ClientSampleId :

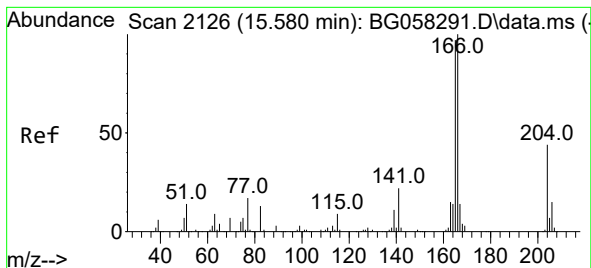
Tgt Ion:232 Resp: 34629
Ion Ratio Lower Upper
232 100
131 39.3 29.0 43.6
130 1.7 1.1 1.7#
166 29.7 23.0 34.6



#59
Diethylphthalate
Concen: 21.681 ng/ul
RT: 15.344 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:149 Resp: 196987
Ion Ratio Lower Upper
149 100
177 22.0 18.4 27.6
150 12.1 10.0 15.0





#61

Fluorene

Concen: 22.277 ng/ul

RT: 15.579 min Scan# 2126

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

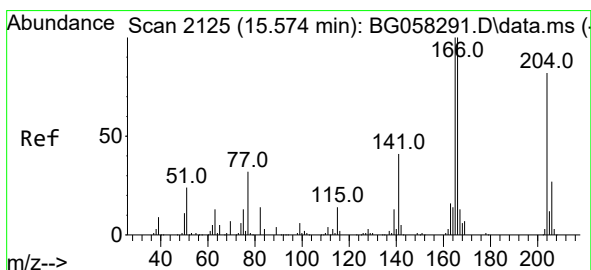
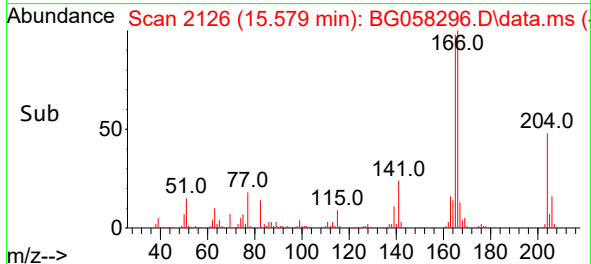
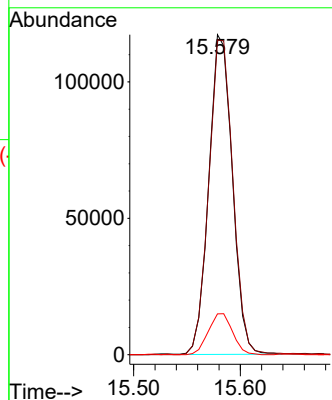
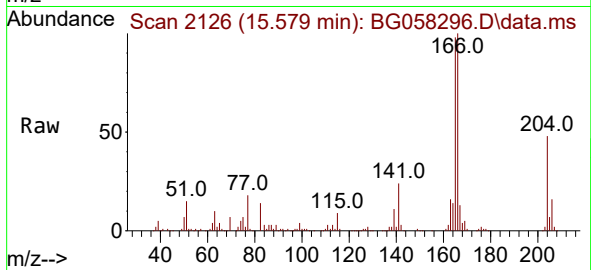
Tgt Ion:166 Resp: 179385

Ion Ratio Lower Upper

166 100

165 98.4 80.2 120.2

167 12.8 10.5 15.7



#62

4-Chlorophenyl-phenylether

Concen: 22.112 ng/ul

RT: 15.573 min Scan# 2125

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

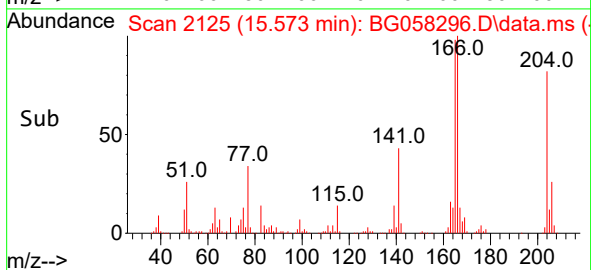
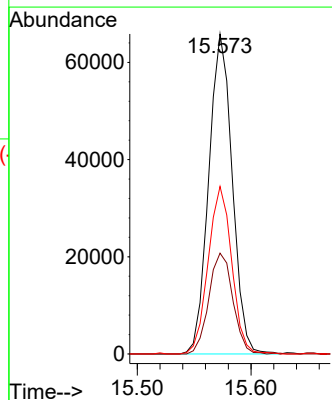
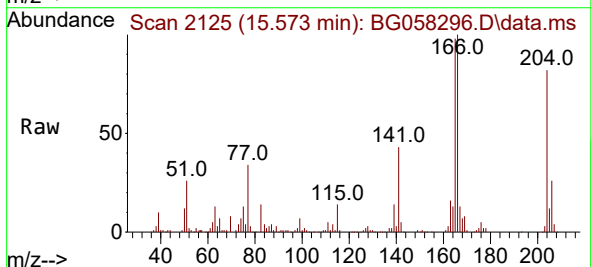
Tgt Ion:204 Resp: 94525

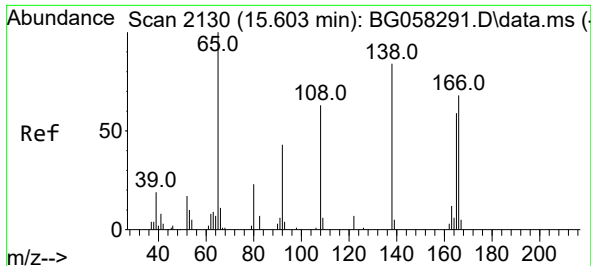
Ion Ratio Lower Upper

204 100

206 31.5 26.0 39.0

141 52.4 42.2 63.2

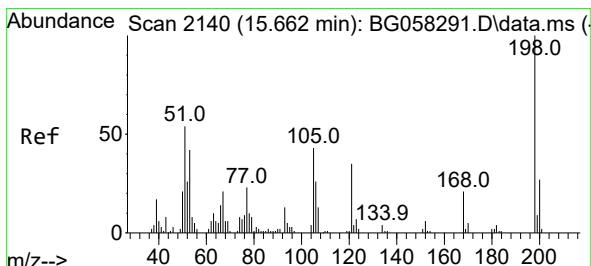
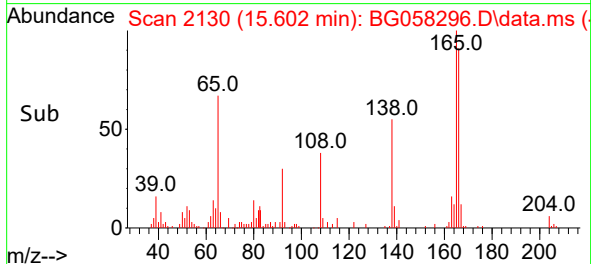
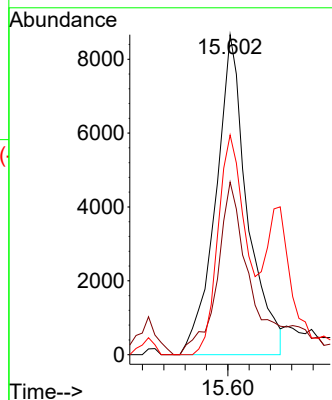
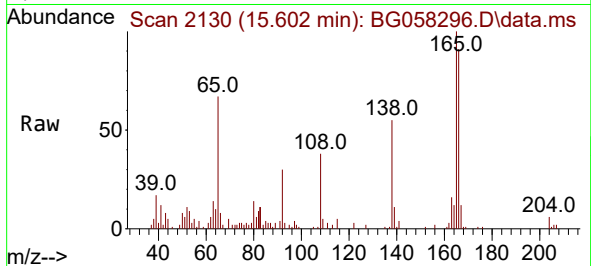




#63
4-Nitroaniline
Concen: 13.860 ng/ul
RT: 15.602 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

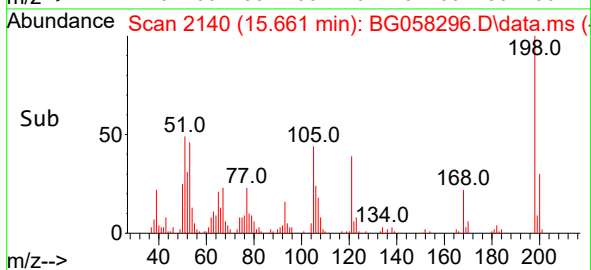
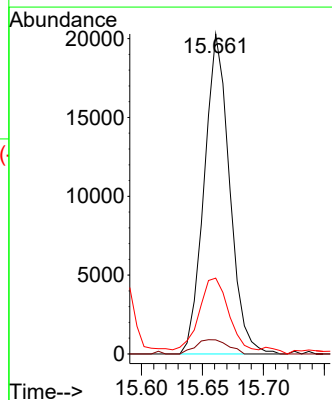
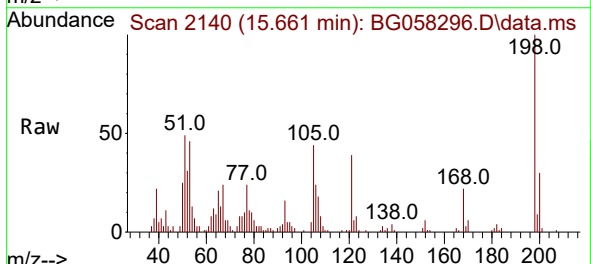
Instrument :
BNA_M
ClientSampleId :

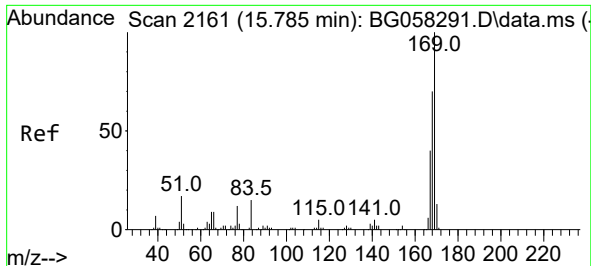
Tgt Ion:138 Resp: 17812
Ion Ratio Lower Upper
138 100
92 54.0 45.0 67.4
108 68.6 60.8 91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 19.626 ng/ul
RT: 15.661 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

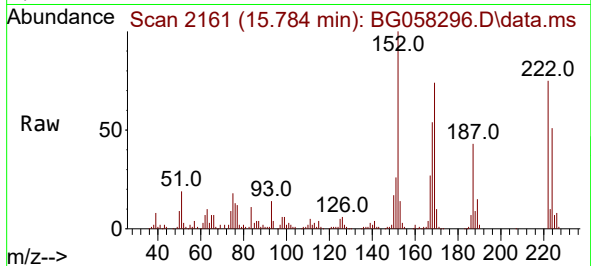
Tgt Ion:198 Resp: 29316
Ion Ratio Lower Upper
198 100
182 4.4 3.4 5.2
77 23.7 18.4 27.6



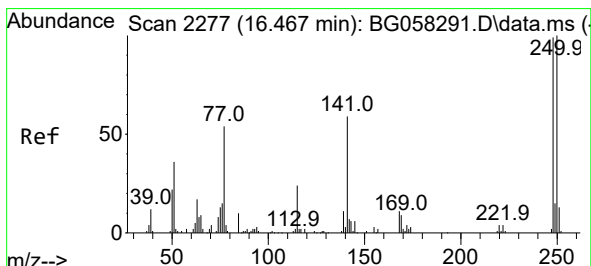
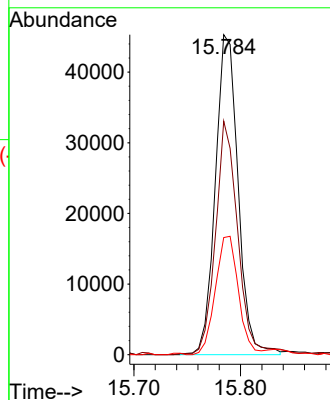
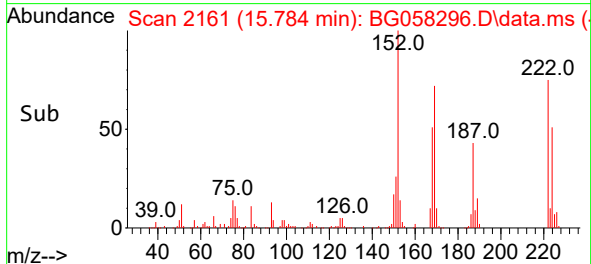


#67
N-Nitrosodiphenylamine
Concen: 9.484 ng/ul
RT: 15.784 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

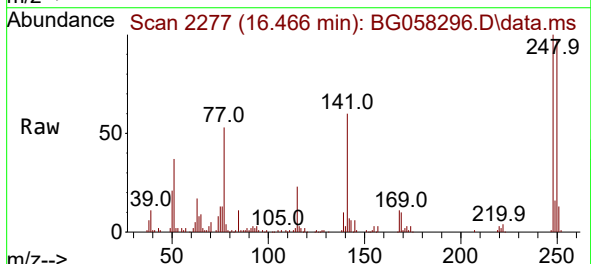
Instrument :
BNA_M
ClientSampleId :



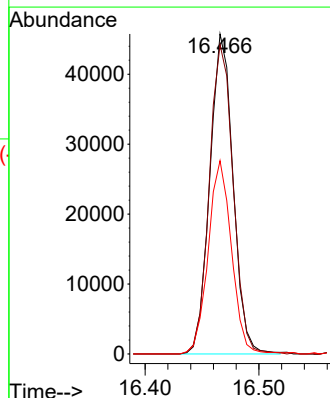
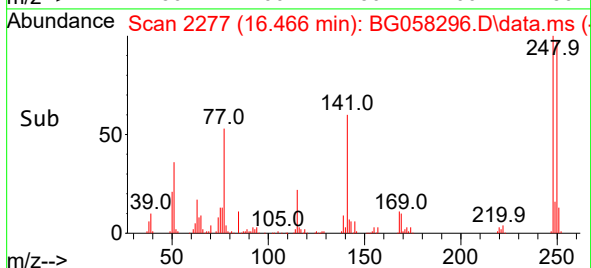
Tgt Ion:169 Resp: 66997
Ion Ratio Lower Upper
169 100
168 73.0 55.7 83.5
167 36.6 31.2 46.8

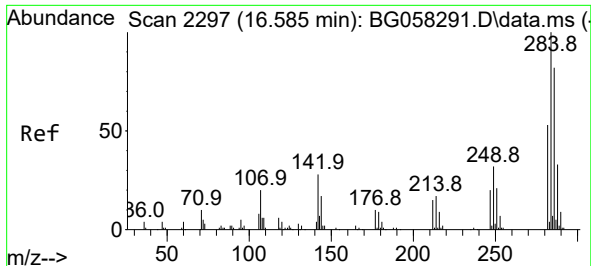


#68
4-Bromophenyl-phenylether
Concen: 21.521 ng/ul
RT: 16.466 min Scan# 2277
Delta R.T. 0.001 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31



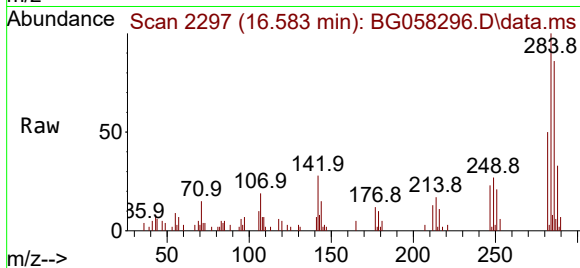
Tgt Ion:248 Resp: 64961
Ion Ratio Lower Upper
248 100
250 96.7 73.8 110.6
141 60.4 48.2 72.2



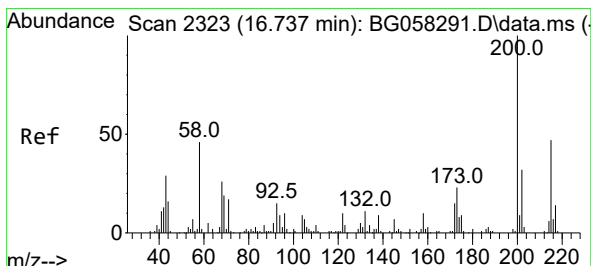
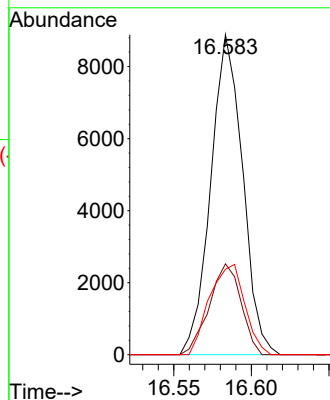
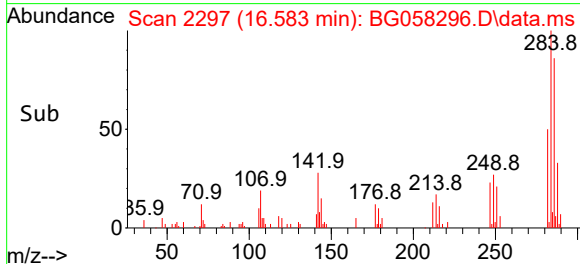


#69
Hexachlorobenzene
Concen: 3.721 ng/ul
RT: 16.583 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Instrument :
BNA_M
ClientSampleId :

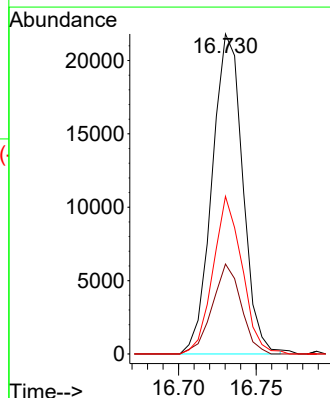
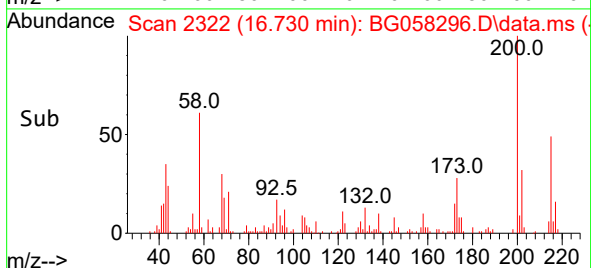
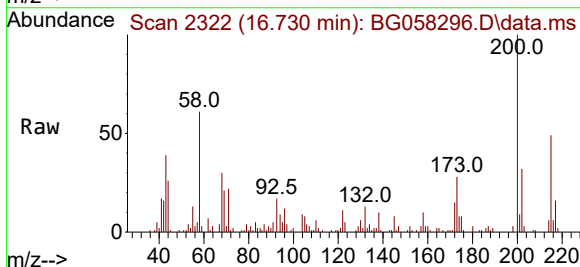


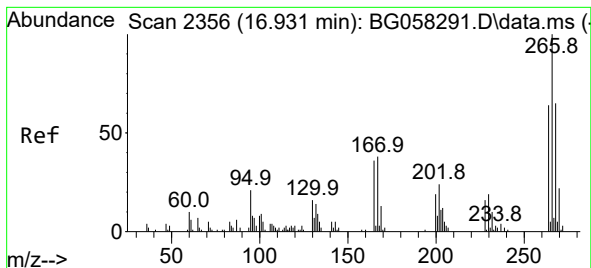
Tgt Ion:284 Resp: 12672
Ion Ratio Lower Upper
284 100
142 26.4 20.5 30.7
249 24.8 25.2 37.8#



#70
Atrazine
Concen: 10.801 ng/ul
RT: 16.730 min Scan# 2322
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:200 Resp: 29915
Ion Ratio Lower Upper
200 100
173 28.1 19.8 29.8
215 49.3 36.2 54.4





#71

Pentachlorophenol

Concen: 9.749 ng/ul

RT: 16.930 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

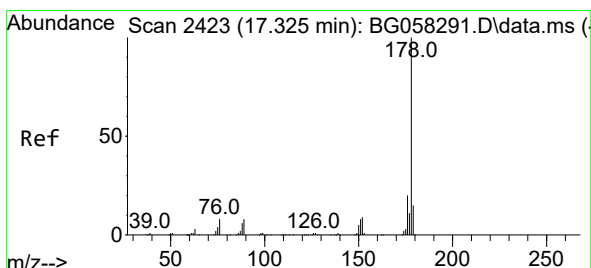
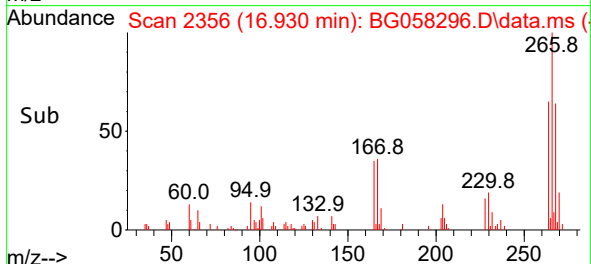
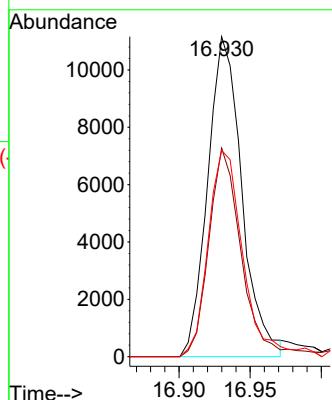
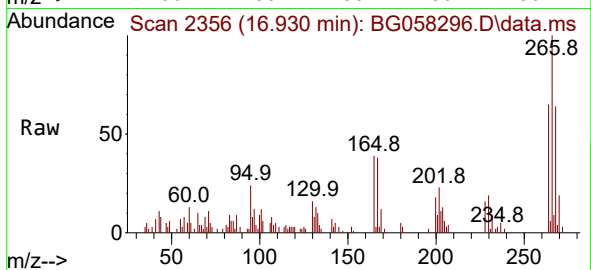
Tgt Ion:266 Resp: 18638

Ion Ratio Lower Upper

266 100

264 65.2 46.6 70.0

268 64.4 47.6 71.4



#72

Phenanthrene

Concen: 19.267 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

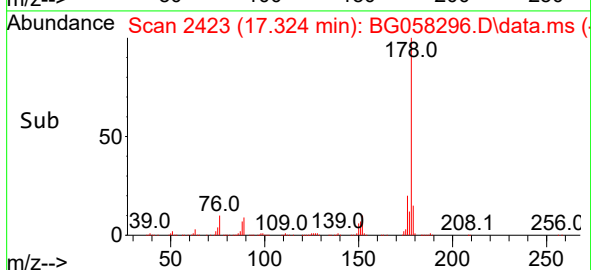
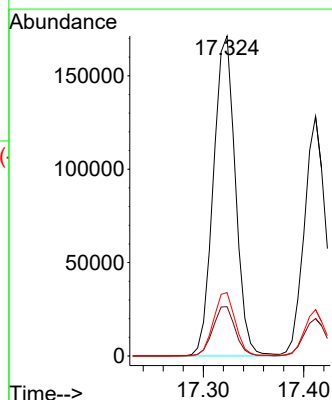
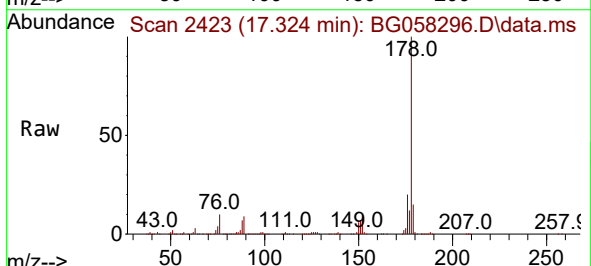
Tgt Ion:178 Resp: 260921

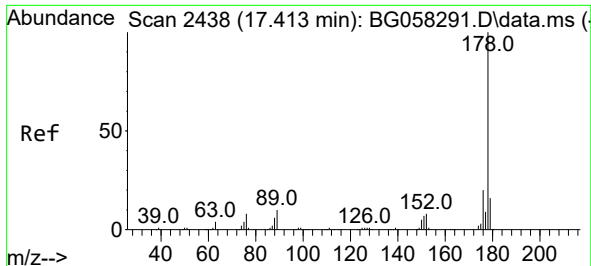
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.8 15.8 23.8

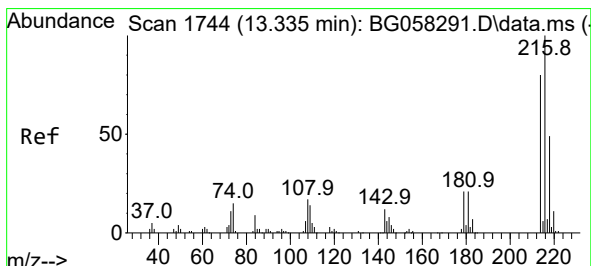
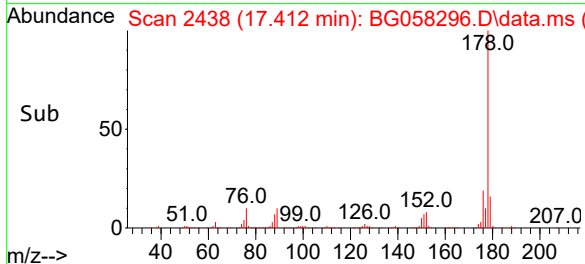
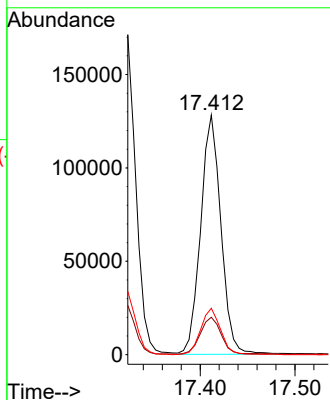
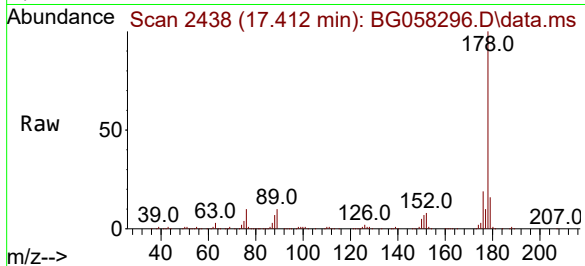




#74
 Anthracene
 Concen: 14.043 ng/uI
 RT: 17.412 min Scan# 2438
 Delta R.T. -0.005 min
 Lab File: BG058296.D
 Acq: 18 Jul 2023 11:31

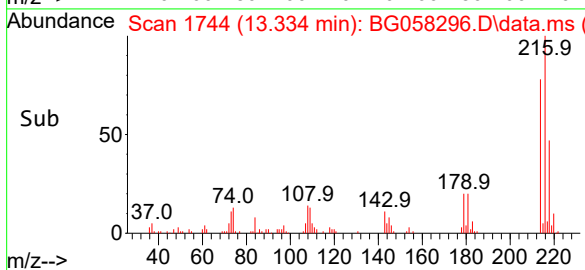
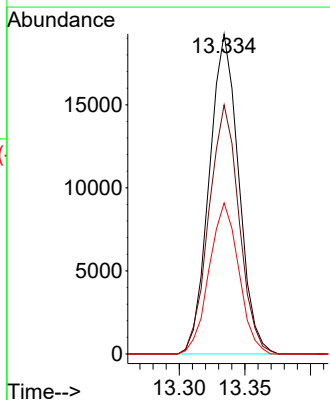
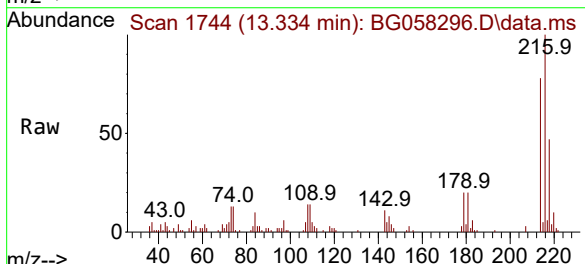
Instrument :
 BNA_M
 ClientSampleId :

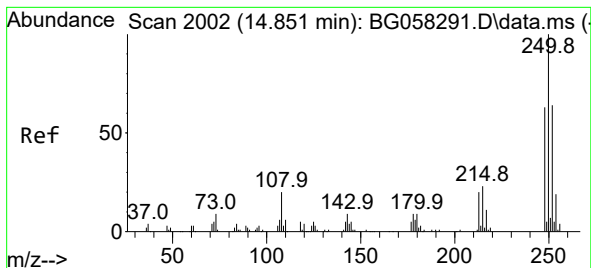
Tgt Ion:178 Resp: 190922
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.4 20.2
 176 19.4 16.2 24.2



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 8.400 ng/uI
 RT: 13.334 min Scan# 1744
 Delta R.T. 0.001 min
 Lab File: BG058296.D
 Acq: 18 Jul 2023 11:31

Tgt Ion:216 Resp: 30026
 Ion Ratio Lower Upper
 216 100
 214 77.8 62.2 93.4
 218 47.2 40.9 61.3





#76

Pentachlorobenzene

Concen: 16.124 ng/uL

RT: 14.856 min Scan# 2002

Delta R.T. 0.001 min

Lab File: BG058296.D

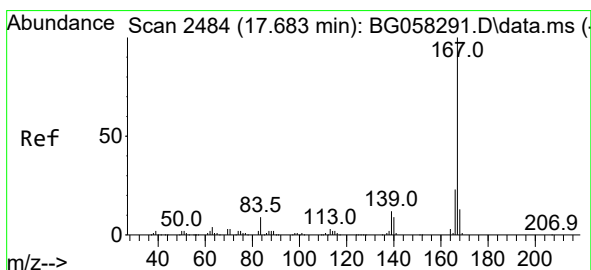
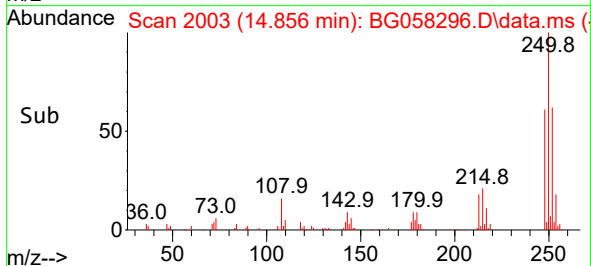
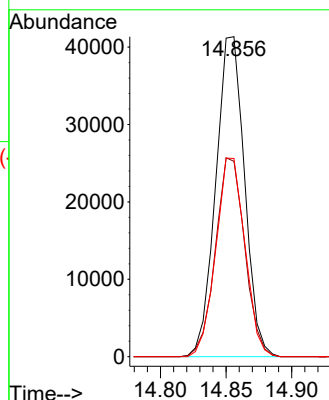
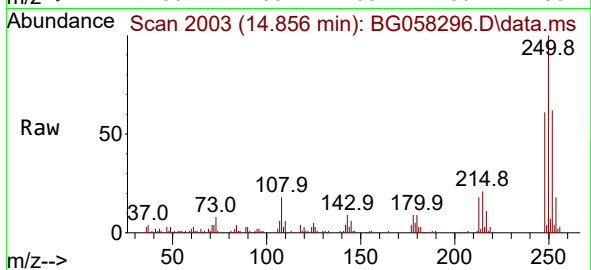
Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	250	Resp:	63026
Ion Ratio	Lower	Upper	
250	100		
248	61.0	51.6	77.4
252	62.0	54.4	81.6



#77

Carbazole

Concen: 5.510 ng/uL

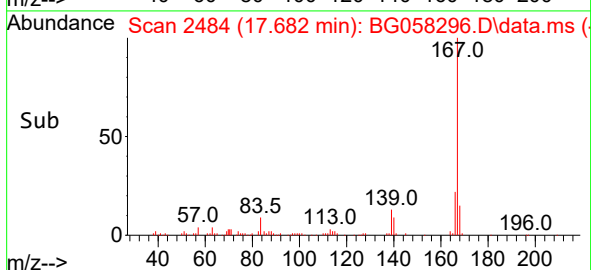
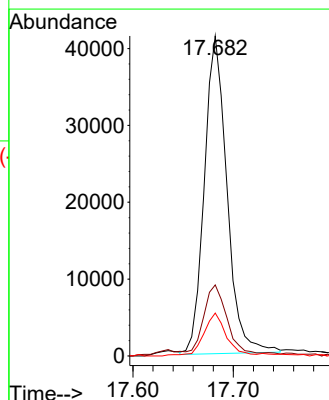
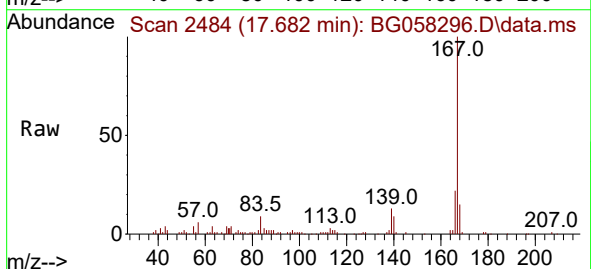
RT: 17.682 min Scan# 2484

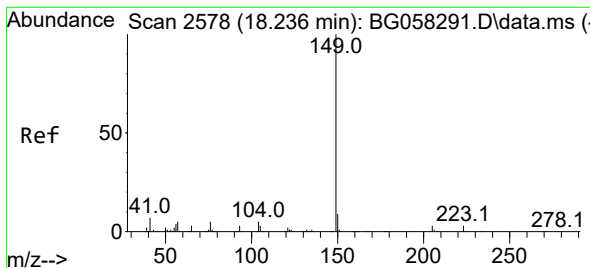
Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Tgt Ion:	167	Resp:	64939
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.8	26.8
139	13.4	9.4	14.0





#78

Di-n-butylphthalate

Concen: 23.877 ng/ul

RT: 18.234 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

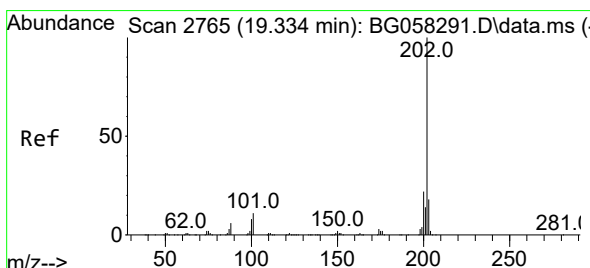
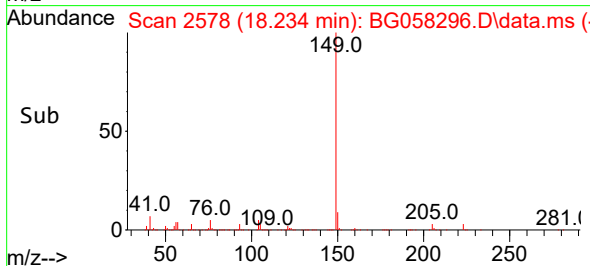
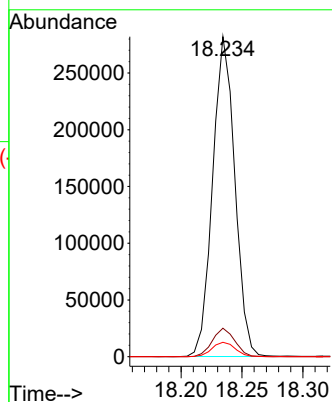
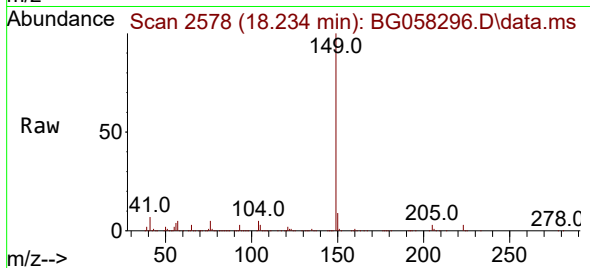
Tgt Ion:149 Resp: 357571

Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 4.5 3.9 5.9



#80

Fluoranthene

Concen: 19.463 ng/ul

RT: 19.333 min Scan# 2765

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

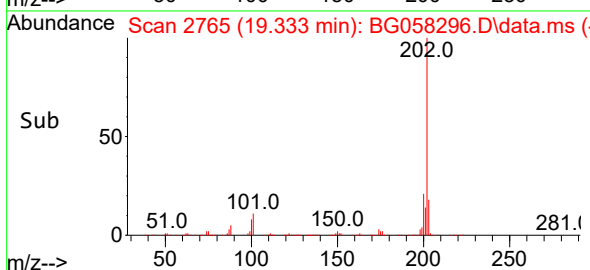
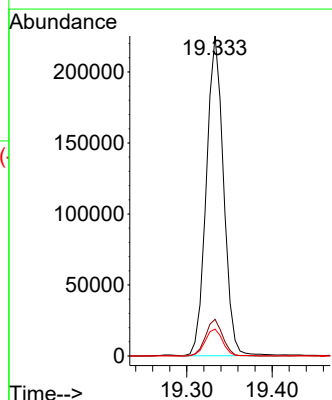
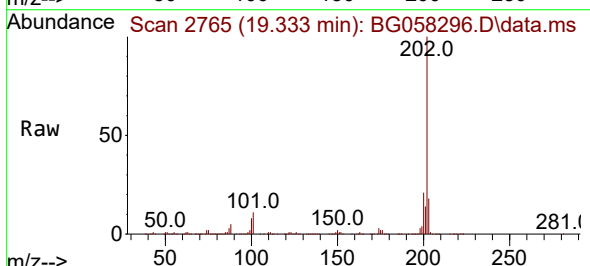
Tgt Ion:202 Resp: 315576

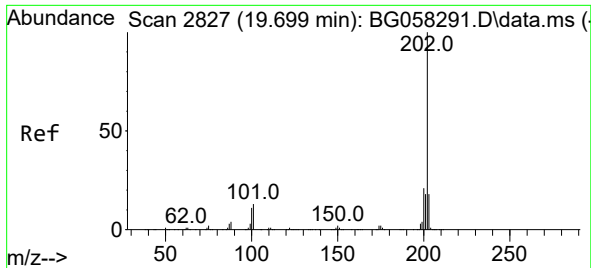
Ion Ratio Lower Upper

202 100

101 11.4 8.6 12.8

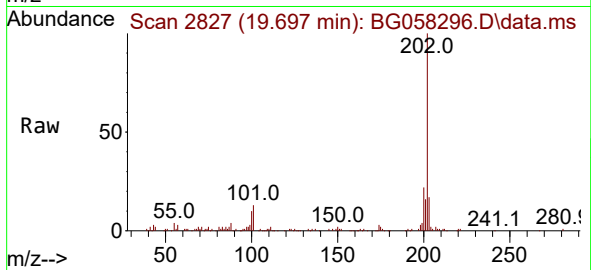
100 8.4 7.2 10.8



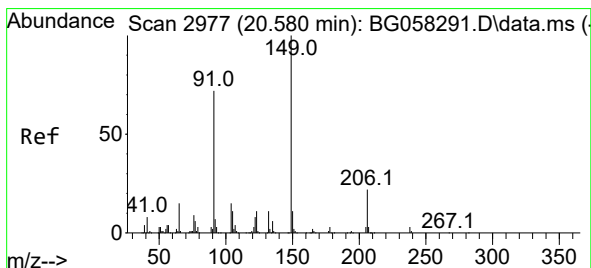
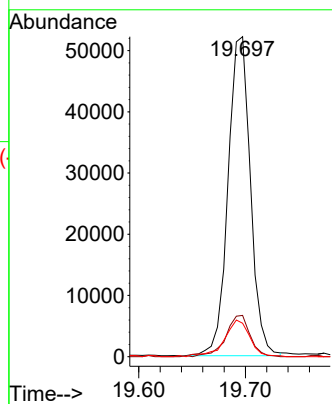
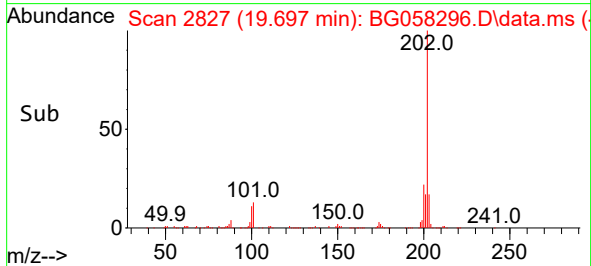


#82
 Pyrene
 Concen: 4.637 ng/ul
 RT: 19.697 min Scan# 2827
 Delta R.T. 0.001 min
 Lab File: BG058296.D
 Acq: 18 Jul 2023 11:31

Instrument :
 BNA_M
 ClientSampleId :

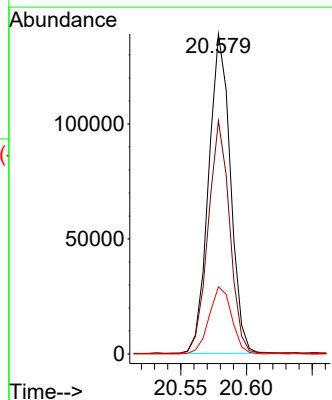
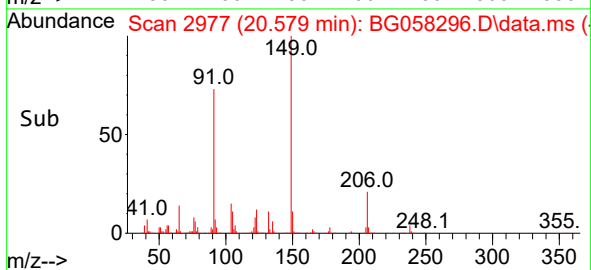
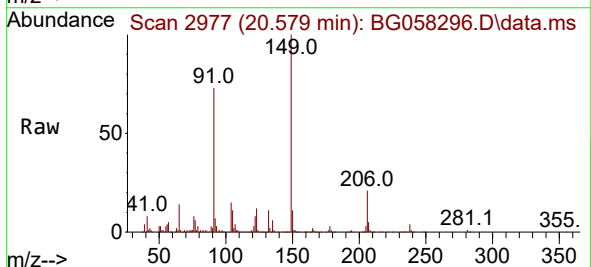


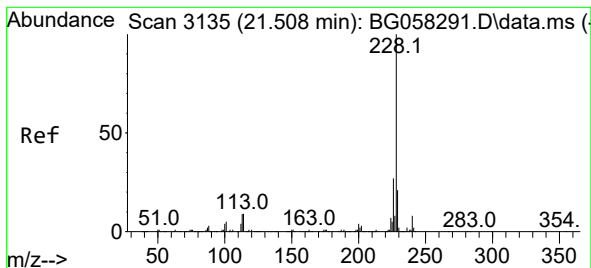
Tgt Ion:202 Resp: 76184
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.2 15.2
 100 10.4 8.9 13.3



#83
 Butylbenzylphthalate
 Concen: 24.831 ng/ul
 RT: 20.579 min Scan# 2977
 Delta R.T. 0.001 min
 Lab File: BG058296.D
 Acq: 18 Jul 2023 11:31

Tgt Ion:149 Resp: 160634
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.9 89.9
 206 21.0 16.9 25.3





#85

Benzo(a)anthracene

Concen: 18.838 ng/ul

RT: 21.507 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

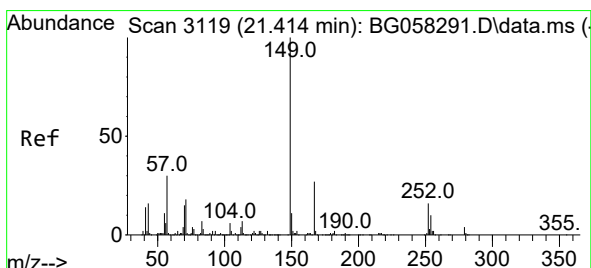
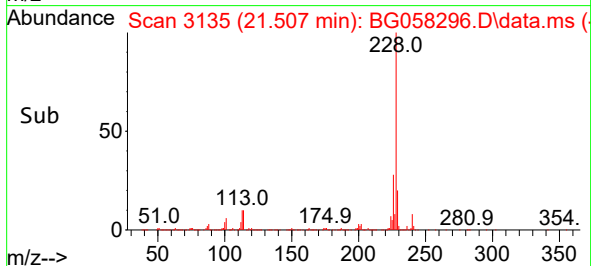
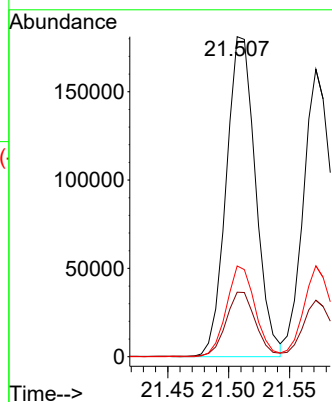
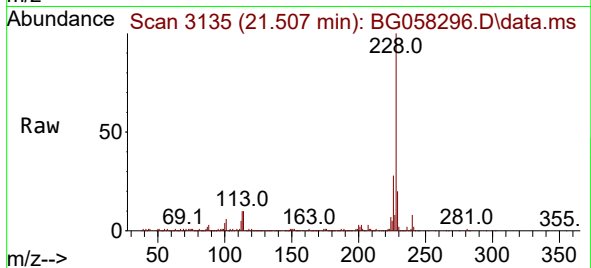
Tgt Ion:228 Resp: 303414

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 28.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.804 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

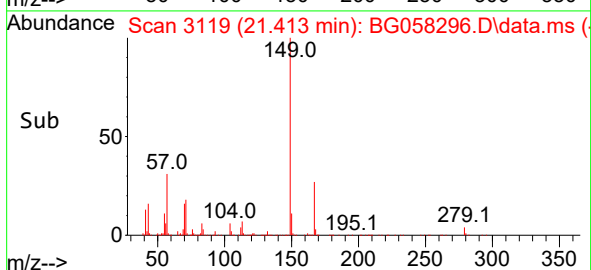
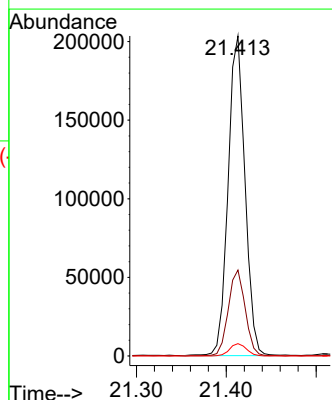
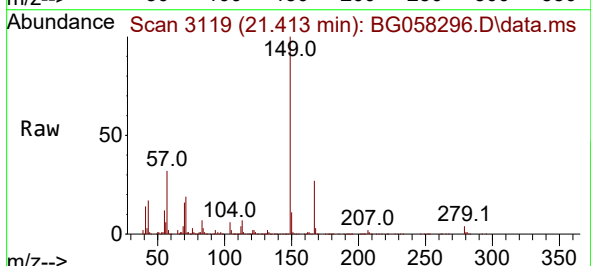
Tgt Ion:149 Resp: 265036

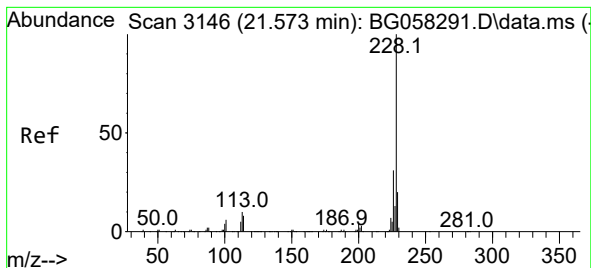
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 3.9 3.0 4.4





#87

Chrysene

Concen: 17.247 ng/ul

RT: 21.572 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

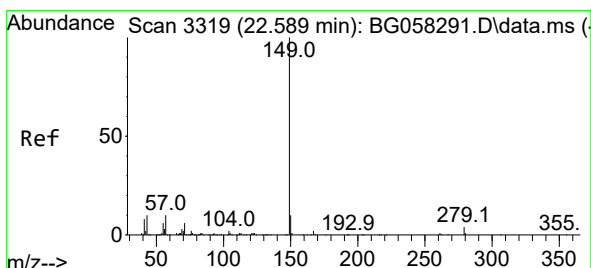
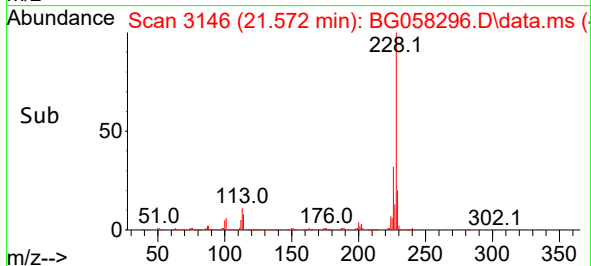
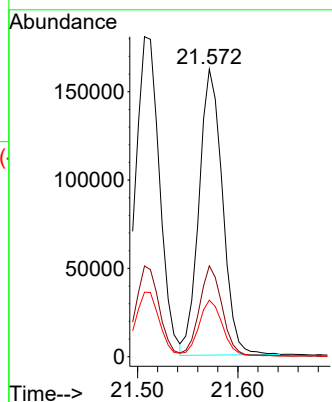
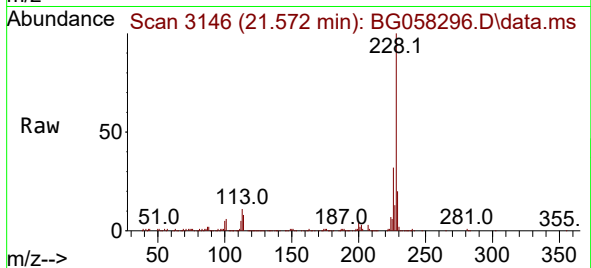
Tgt Ion:228 Resp: 263489

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

229 19.6 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 25.037 ng/ul

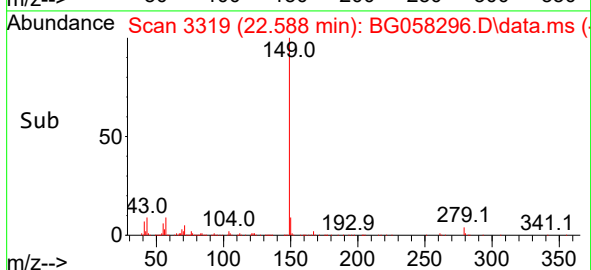
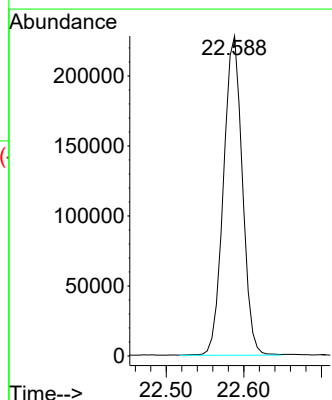
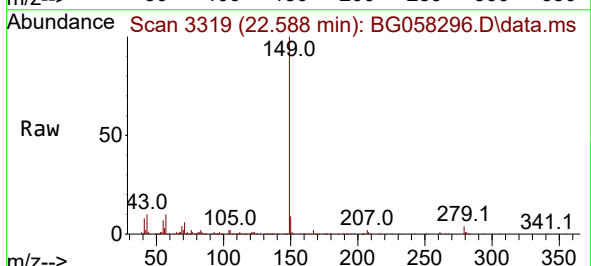
RT: 22.588 min Scan# 3319

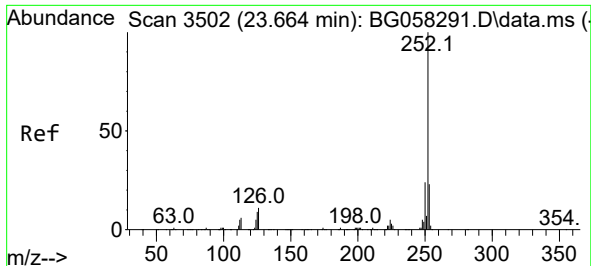
Delta R.T. 0.001 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Tgt Ion:149 Resp: 386271

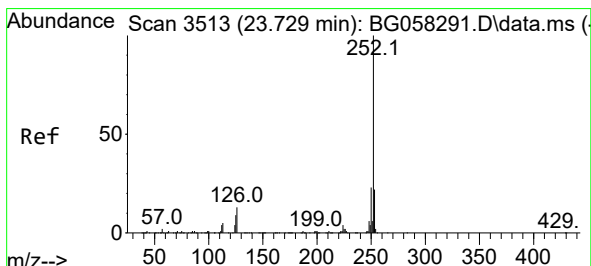
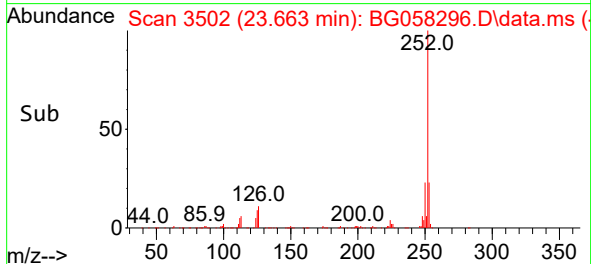
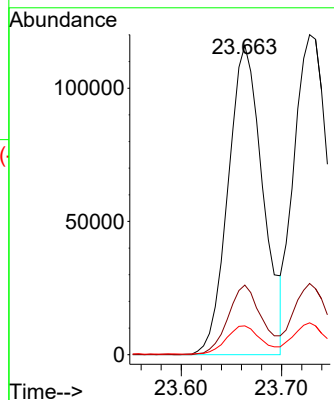
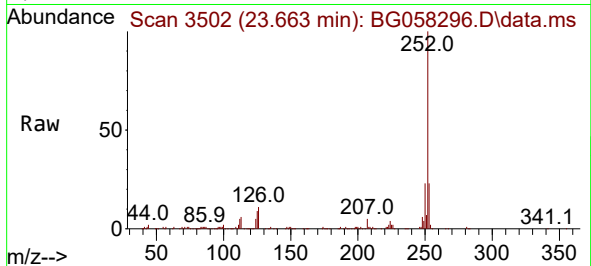




#90
Benzo(b)fluoranthene
Concen: 16.687 ng/ul
RT: 23.663 min Scan# 3502
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

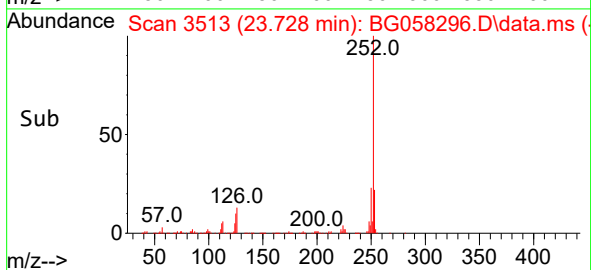
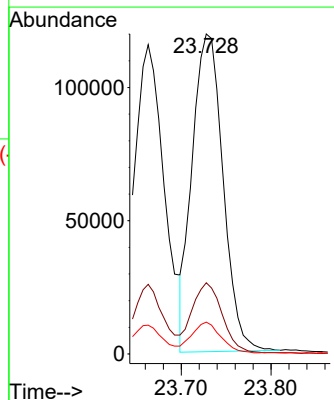
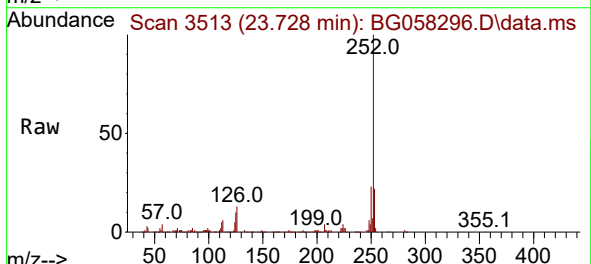
Instrument :
BNA_M
ClientSampleId :

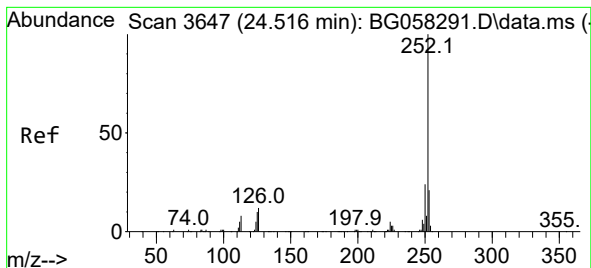
Tgt Ion:252 Resp: 279949
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.3 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 16.997 ng/ul
RT: 23.728 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG058296.D
Acq: 18 Jul 2023 11:31

Tgt Ion:252 Resp: 284388
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.0 7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.421 ng/ul

RT: 24.509 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

Instrument :

BNA_M

ClientSampleId :

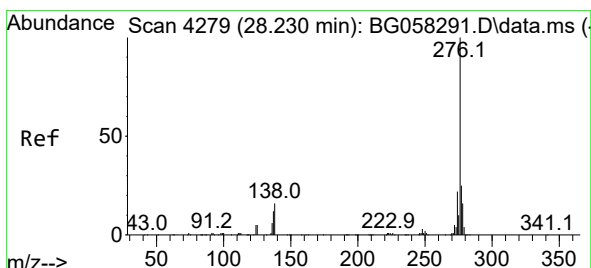
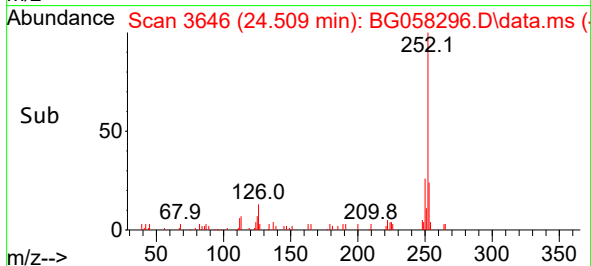
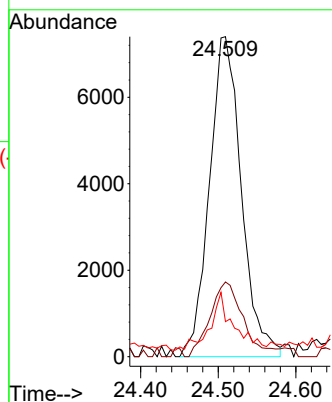
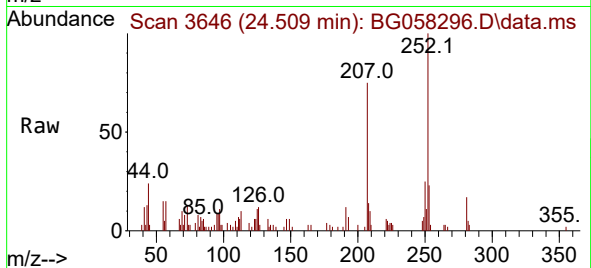
Tgt Ion:252 Resp: 21211

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 10.9 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.725 ng/ul

RT: 28.223 min Scan# 4278

Delta R.T. -0.005 min

Lab File: BG058296.D

Acq: 18 Jul 2023 11:31

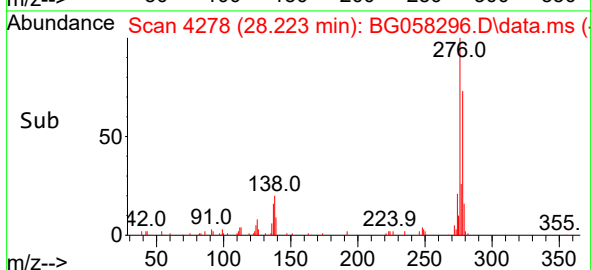
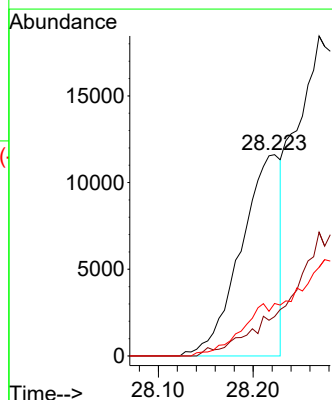
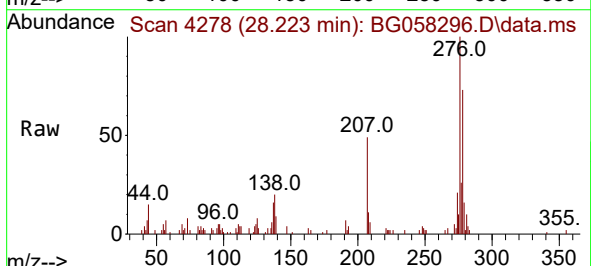
Tgt Ion:276 Resp: 33917

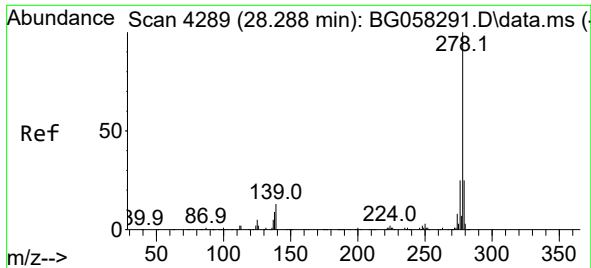
Ion Ratio Lower Upper

276 100

138 19.5 13.8 20.6

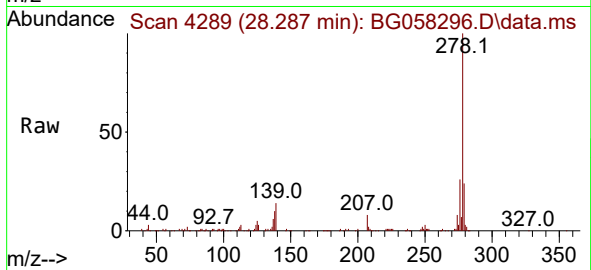
277 26.1 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 19.312 ng/ul
 RT: 28.287 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: BG058296.D
 Acq: 18 Jul 2023 11:31

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278	Resp:	311337
Ion Ratio	Lower	Upper
278	100	
139	14.3	10.4 15.6
279	24.4	18.4 27.6

