

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058315.D
 Acq On : 19 Jul 2023 00:41
 Operator : CG/JU
 Sample : PB154044BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:19:08 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	7.900	152	37918	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	179156	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	129703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	303853	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	245566	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	302432	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	7393	7.176	ng/uL	0.00
4) Pyridine-d5	3.746	84	115930	37.912	ng/u1	0.00
7) Phenol-d5	7.065	99	157424	43.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	91966	40.906	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	107694	42.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	120152	43.792	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	56722	42.239	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	64852	44.236	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	125605	44.693	ng/u1	0.00
31) 4-Chloroaniline-d4	10.837	131	163242	40.068	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	400379	40.031	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	454290	43.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	65425	43.314	ng/u1	0.00
60) Fluorene-d10	15.526	176	353327	42.669	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	68872	44.489	ng/u1	0.00
73) Anthracene-d10	17.377	188	562261	42.826	ng/u1	0.00
81) Pyrene-d10	19.668	212	644536	44.439	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	664106	45.432	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	19391	16.594	ng/uL#	95
5) Pyridine	3.763	79	130521	40.418	ng/u1	99
6) Benzaldehyde	7.036	77	96826	66.654	ng/u1	98
8) Phenol	7.089	94	178539	47.796	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.318	93	129361	45.205	ng/u1	97
12) 2-Chlorophenol	7.459	128	122923	46.639	ng/u1	99
13) 2-Methylphenol	8.340	108	135289	46.469	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.417	45	210603	44.908	ng/u1	99
16) Acetophenone	8.722	105	215857	46.197	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.705	70	115104	45.010	ng/u1	96
18) 4-Methylphenol	8.669	108	153821	48.616	ng/u1	97
19) Hexachloroethane	8.975	117	45642	43.933	ng/u1	91
22) Nitrobenzene	9.104	77	163112	45.548	ng/u1	99
23) Isophorone	9.621	82	346896	43.206	ng/u1	100
25) 2-Nitrophenol	9.815	139	75526	48.230	ng/u1	96
26) 2,4-Dimethylphenol	9.874	107	147622	42.279	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.103	93	193791	45.575	ng/u1	96
29) 2,4-Dichlorophenol	10.350	162	131545	49.316	ng/u1	97
30) Naphthalene	10.749	128	431008	45.009	ng/u1	98
32) 4-Chloroaniline	10.861	127	178598	42.891	ng/u1	100
33) Hexachlorobutadiene	11.031	225	85302	44.723	ng/u1	98
34) Caprolactam	11.625	113	34510	31.150	ng/u1	98
35) 4-Chloro-3-methylphenol	11.989	107	165800	48.842	ng/u1	94
36) 2-Methylnaphthalene	12.359	142	295094	45.995	ng/u1	98

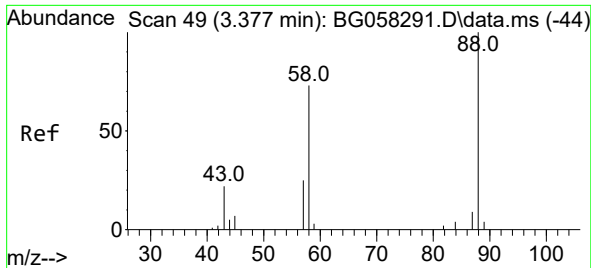
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	300807	45.747	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	175429	46.723	ng/ul	97
40) Hexachlorocyclopentadiene	12.706	237	78377	38.812	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	125195	49.256	ng/ul	99
42) 2,4,5-Trichlorophenol	13.047	196	134411	49.592	ng/ul	99
43) 1,1'-Biphenyl	13.370	154	403126	45.964	ng/ul	98
44) 2-Chloronaphthalene	13.411	162	329365	47.232	ng/ul	98
45) 2-Nitroaniline	13.617	65	122385	50.526	ng/ul	99
47) Dimethylphthalate	13.987	163	440597	43.857	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	97224	50.081	ng/ul	96
50) Acenaphthylene	14.257	152	533284	47.135	ng/ul	100
51) 3-Nitroaniline	14.445	138	89790	55.500	ng/ul	88
52) Acenaphthene	14.598	153	365420	46.519	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	46545	45.050	ng/ul	97
55) 4-Nitrophenol	14.756	109	57083	49.070	ng/ul	93
56) Dibenzofuran	14.933	168	521517	46.626	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	137985	49.280	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.162	232	121845	48.658	ng/ul#	96
59) Diethylphthalate	15.350	149	461791	44.619	ng/ul	100
61) Fluorene	15.585	166	425225	46.359	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	225269	46.262	ng/ul	99
63) 4-Nitroaniline	15.608	138	89148	60.897	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.667	198	78449	49.255	ng/ul#	99
67) N-Nitrosodiphenylamine	15.790	169	365290	48.499	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	154965	48.150	ng/ul	94
69) Hexachlorobenzene	16.590	284	176083	48.486	ng/ul	99
70) Atrazine	16.736	200	145425	49.246	ng/ul	99
71) Pentachlorophenol	16.930	266	97433	47.796	ng/ul	95
72) Phenanthrene	17.324	178	683662	47.345	ng/ul	98
74) Anthracene	17.418	178	677508	46.737	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	179245	47.030	ng/uL	98
76) Pentachlorobenzene	14.856	250	196060	47.041	ng/uL	96
77) Carbazole	17.682	167	630576	50.181	ng/ul	99
78) Di-n-butylphthalate	18.235	149	786427	49.252	ng/ul	99
80) Fluoranthene	19.333	202	801049	48.210	ng/ul	99
82) Pyrene	19.698	202	800727	47.561	ng/ul	99
83) Butylbenzylphthalate	20.579	149	340920	51.425	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.431	252	294566	53.736	ng/ul	98
85) Benzo(a)anthracene	21.513	228	800041	48.471	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	483964	51.325	ng/ul	99
87) Chrysene	21.578	228	760929	48.603	ng/ul	99
89) Di-n-octyl phthalate	22.588	149	860655	53.485	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	831947	47.544	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	853966	48.932	ng/ul	99
93) Benzo(a)pyrene	24.521	252	755985	48.574	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.241	276	1017659	49.628	ng/ul	99
95) Dibenzo(a,h)anthracene	28.299	278	845656	50.291	ng/ul	97
96) Benzo(g,h,i)perylene	29.357	276	835677	50.020	ng/ul	98

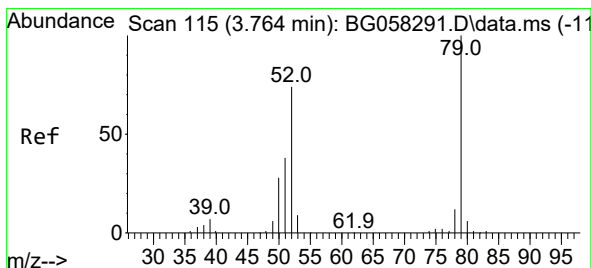
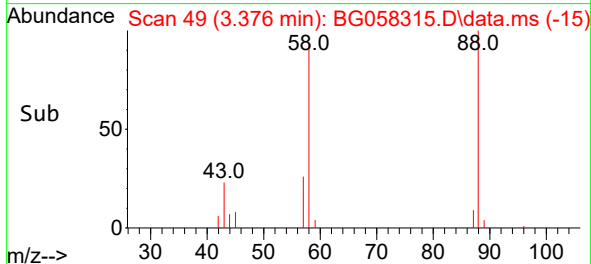
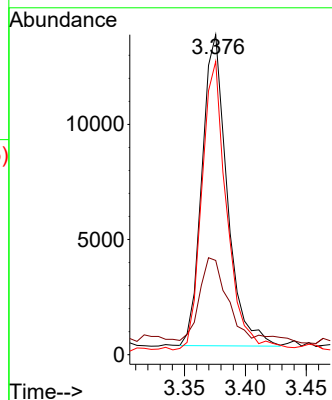
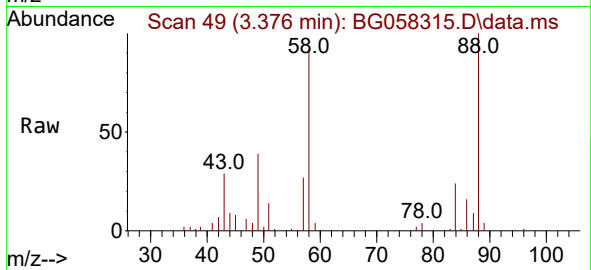
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#2
1,4-Dioxane
Concen: 16.594 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

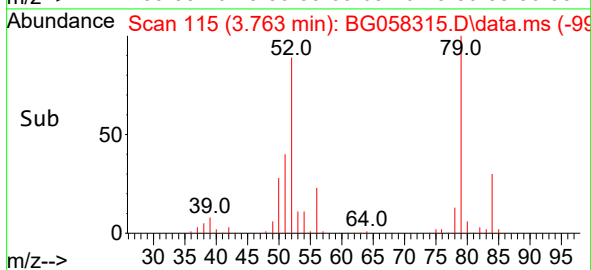
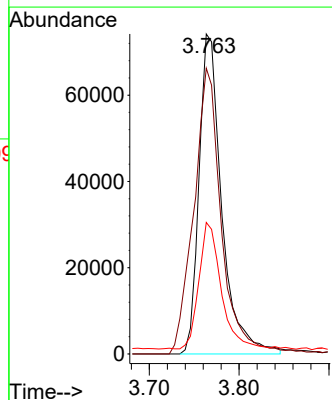
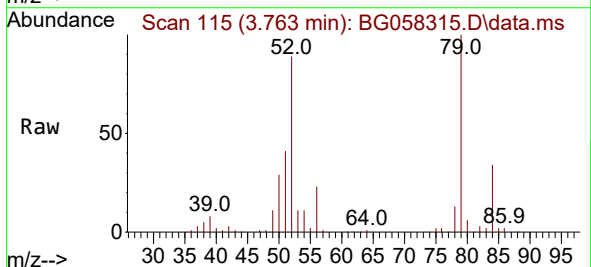
Instrument :
BNA_M
ClientSampleId :

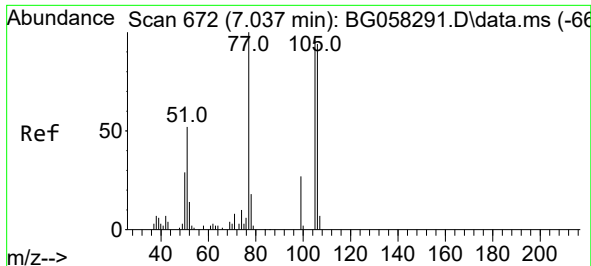
Tgt Ion: 88 Resp: 19391
Ion Ratio Lower Upper
88 100
43 29.4 19.6 29.4#
58 91.7 70.2 105.4



#5
Pyridine
Concen: 40.418 ng/uL
RT: 3.763 min Scan# 115
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion: 79 Resp: 130521
Ion Ratio Lower Upper
79 100
52 89.3 72.3 108.5
51 41.1 33.4 50.0

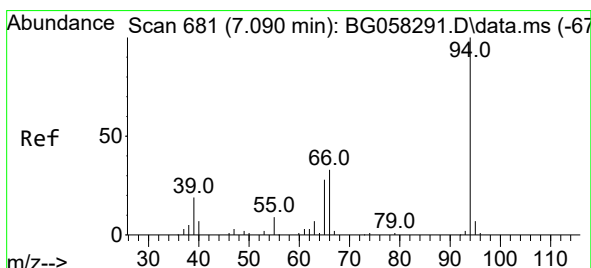
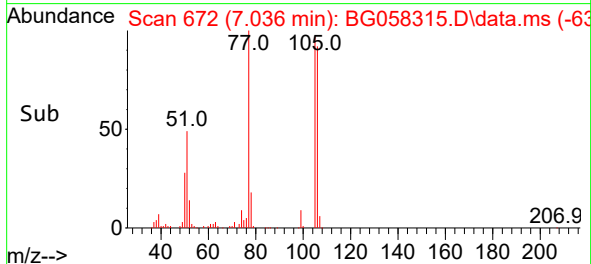
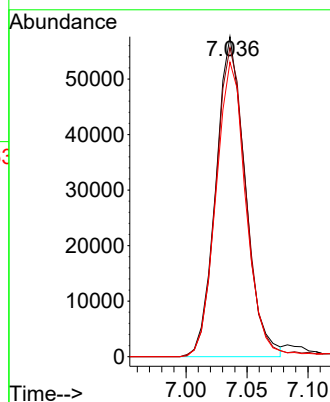
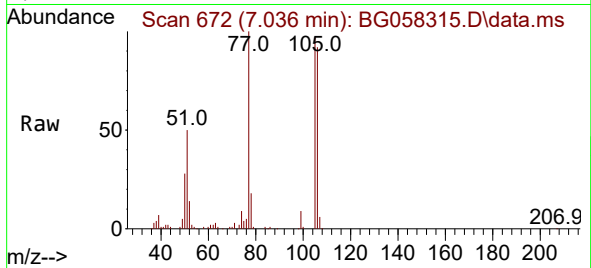




#6
Benzaldehyde
Concen: 66.654 ng/ul
RT: 7.036 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

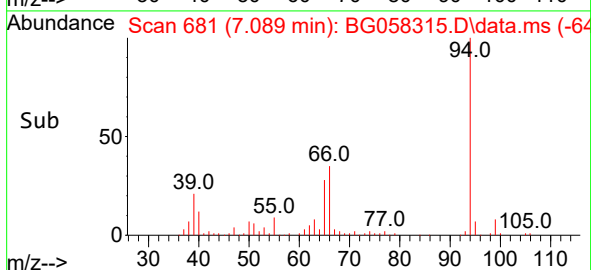
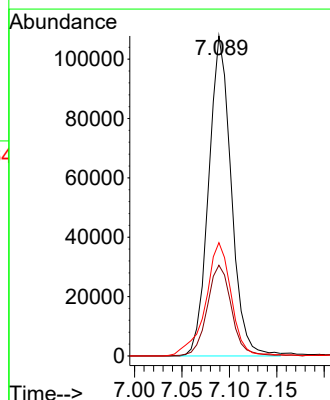
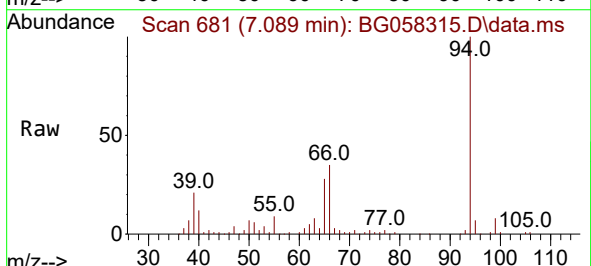
Instrument :
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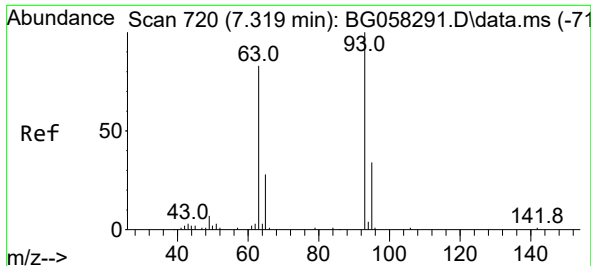
Tgt Ion: 77 Resp: 96826
Ion Ratio Lower Upper
77 100
105 96.6 78.2 117.4
106 92.0 71.6 107.4



#8
Phenol
Concen: 47.796 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion: 94 Resp: 178539
Ion Ratio Lower Upper
94 100
65 28.4 23.8 35.8
66 35.4 31.2 46.8

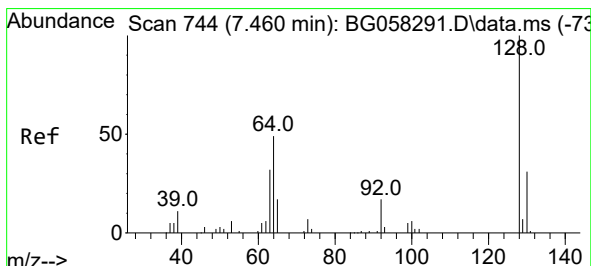
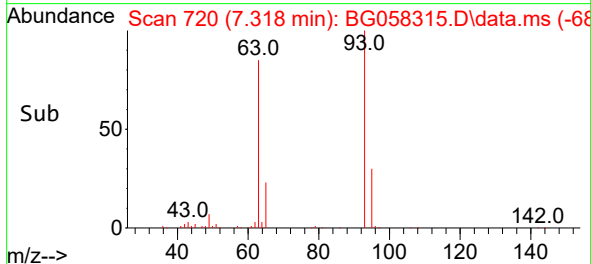
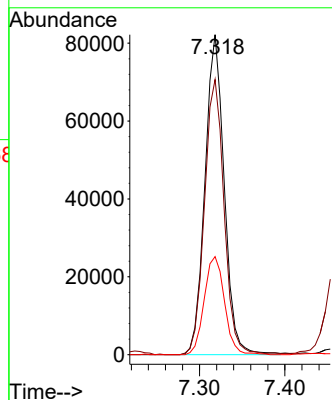
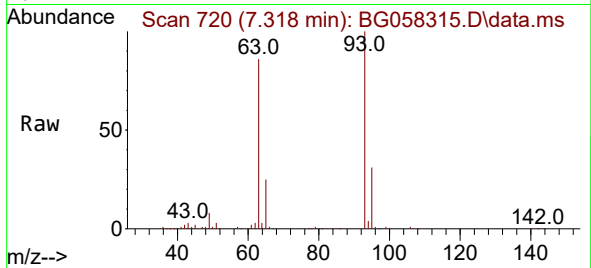




#10
Bis(2-Chloroethyl)ether
Concen: 45.205 ng/ul
RT: 7.318 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

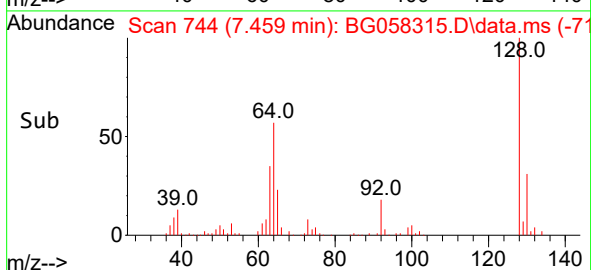
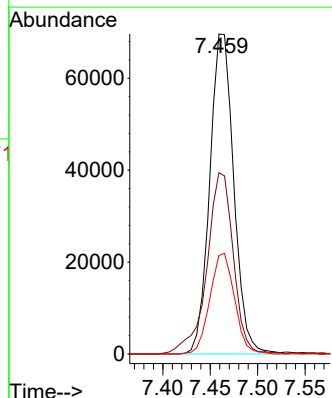
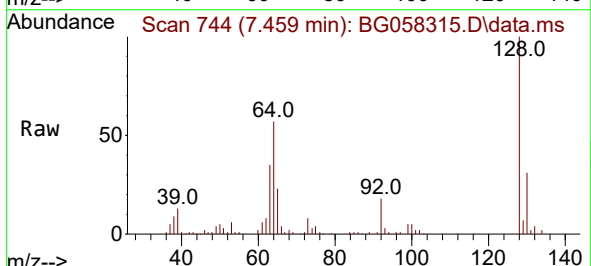
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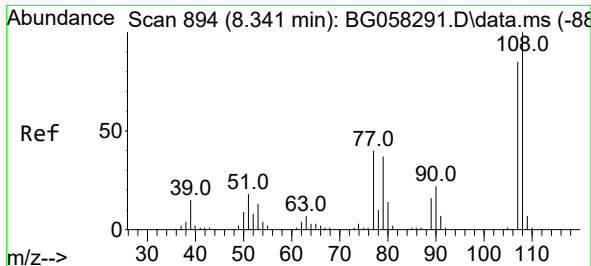
Tgt Ion: 93 Resp: 129361
Ion Ratio Lower Upper
93 100
63 86.0 67.7 101.5
95 30.7 27.0 40.6



#12
2-Chlorophenol
Concen: 46.639 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:128 Resp: 122923
Ion Ratio Lower Upper
128 100
64 56.6 45.6 68.4
130 30.8 25.2 37.8





#13

2-Methylphenol

Concen: 46.469 ng/ul

RT: 8.340 min Scan# 894

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

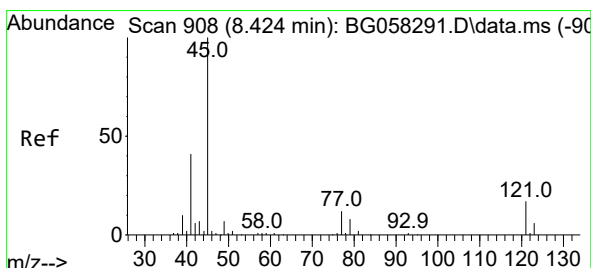
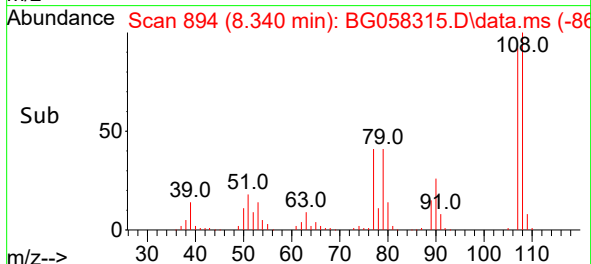
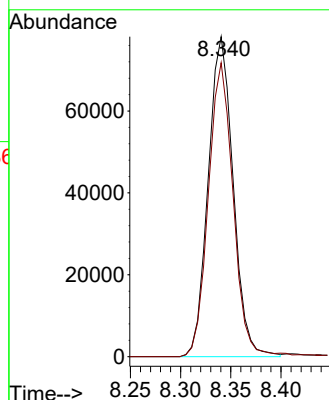
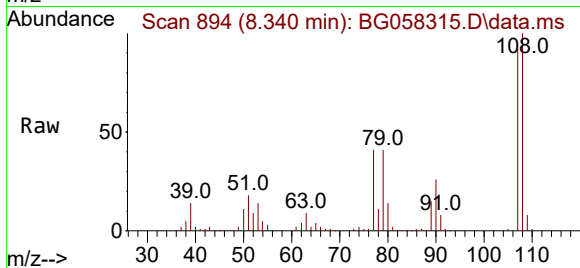
ClientSampleId :

Tgt Ion:108 Resp: 135289

Ion Ratio Lower Upper

108 100

107 91.8 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 44.908 ng/ul

RT: 8.417 min Scan# 907

Delta R.T. -0.011 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

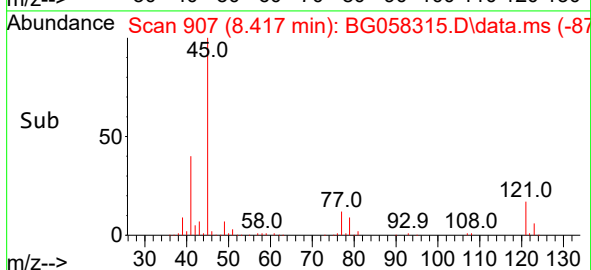
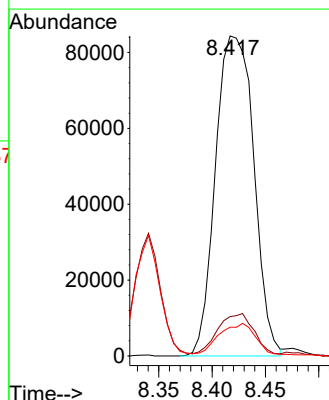
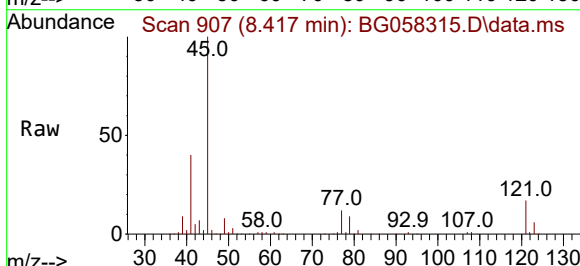
Tgt Ion: 45 Resp: 210603

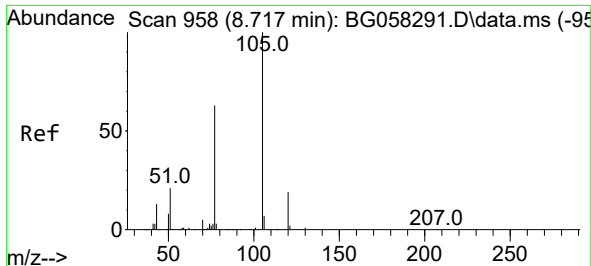
Ion Ratio Lower Upper

45 100

77 12.3 9.4 14.2

79 9.0 7.4 11.2

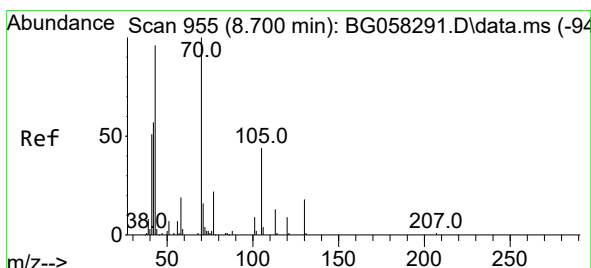
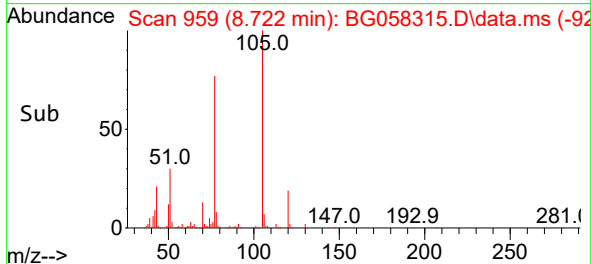
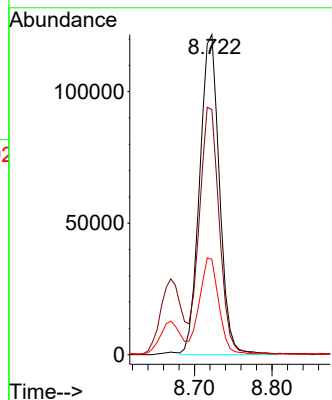
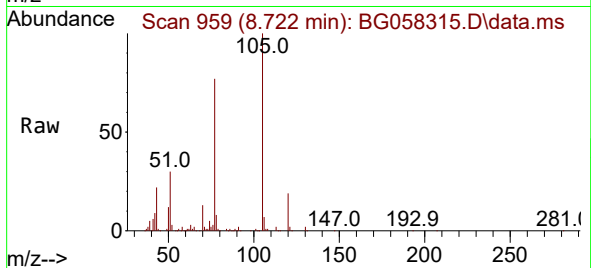




#16
Acetophenone
Concen: 46.197 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

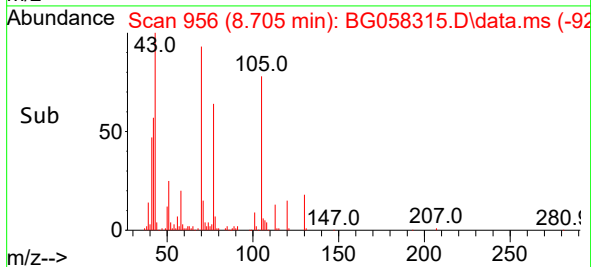
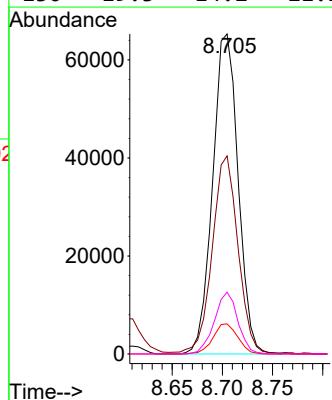
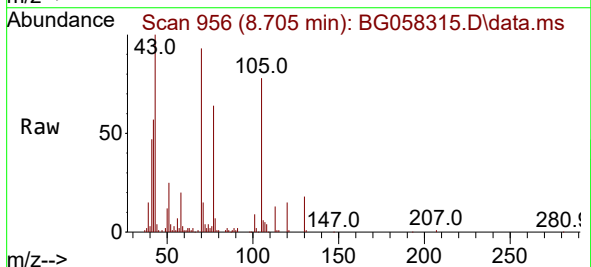
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ClientSampleId :

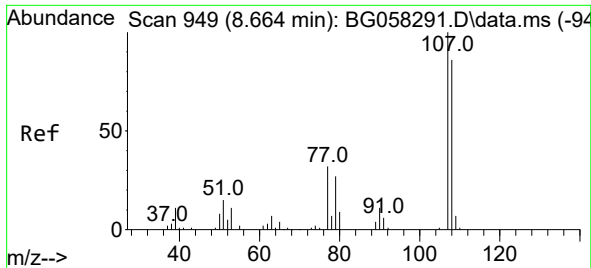
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Ion Ratio Lower Upper
105 100
77 76.6 60.7 91.1
51 29.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 45.010 ng/ul
RT: 8.705 min Scan# 956
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion: 70 Resp: 115104
Ion Ratio Lower Upper
70 100
42 61.9 46.6 69.8
101 9.4 7.3 10.9
130 19.3 14.2 21.2

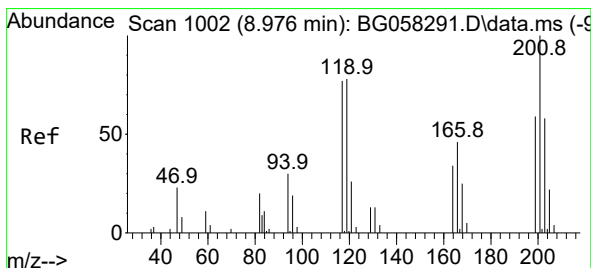
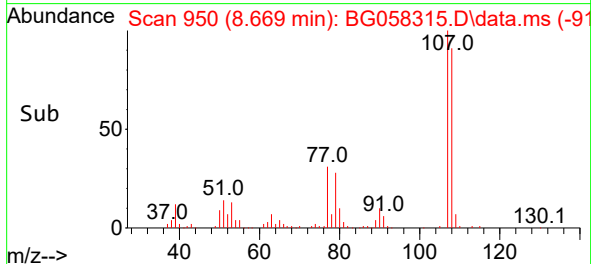
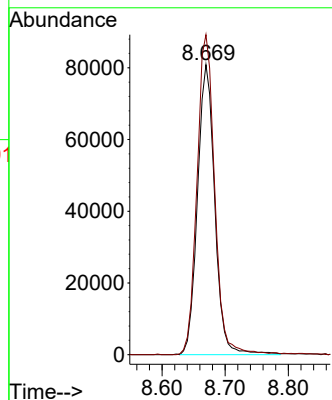
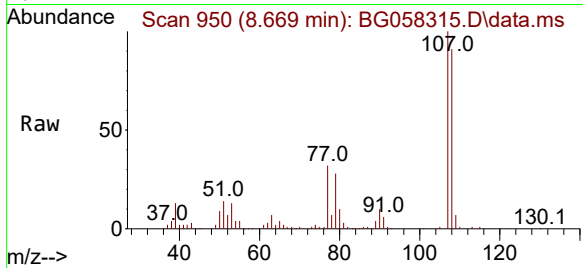




#18
4-Methylphenol
Concen: 48.616 ng/ul
RT: 8.669 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

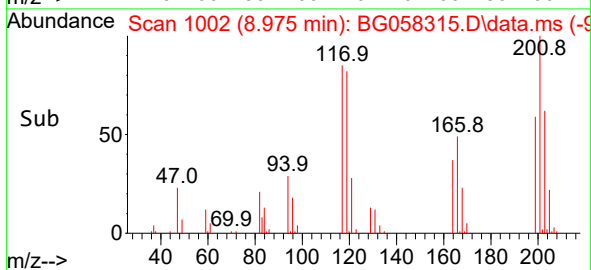
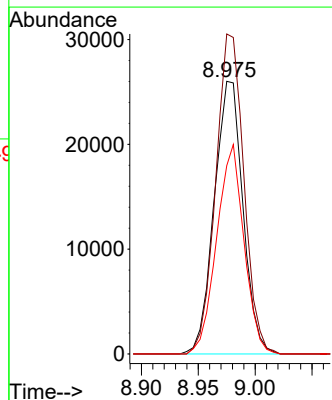
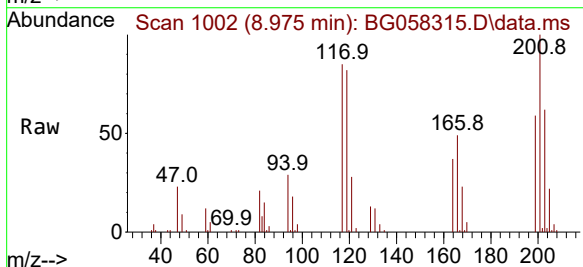
Instrument :
BNA_M
ClientSampleId :

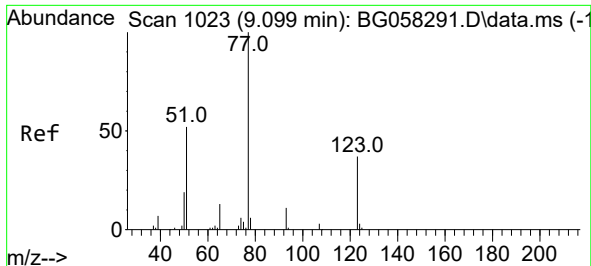
Tgt Ion:108 Resp: 153821
Ion Ratio Lower Upper
108 100
107 110.3 90.6 136.0



#19
Hexachloroethane
Concen: 43.933 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:117 Resp: 45642
Ion Ratio Lower Upper
117 100
201 117.4 103.6 155.4
199 69.1 60.1 90.1

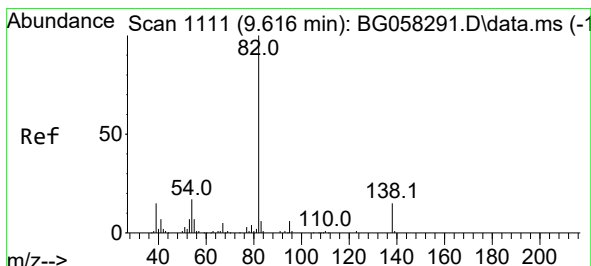
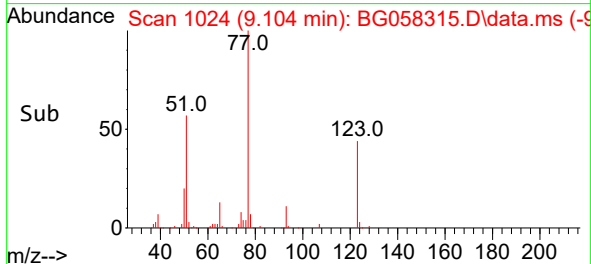
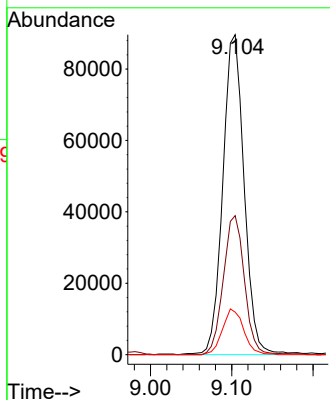
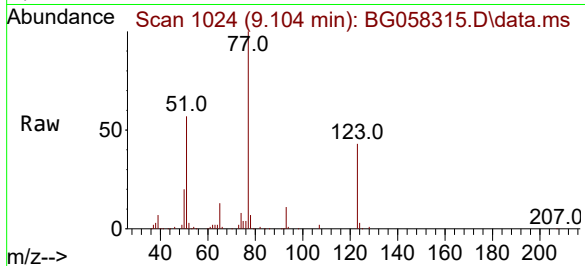




#22
Nitrobenzene
Concen: 45.548 ng/ul
RT: 9.104 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

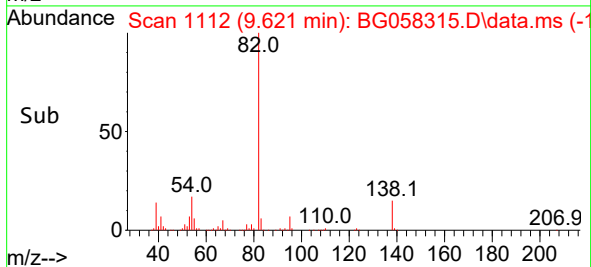
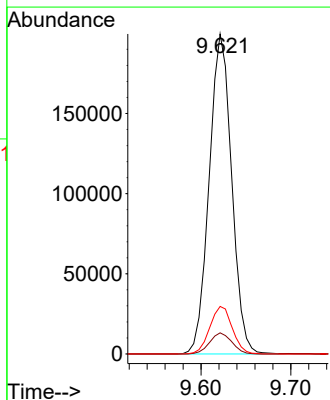
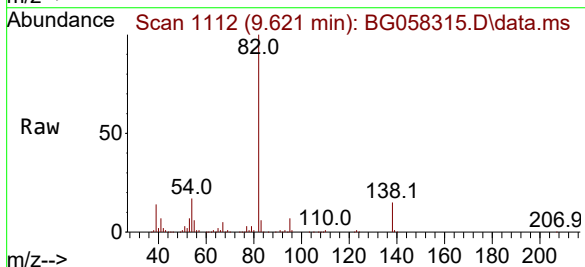
Instrument :
BNA_M
ClientSampleId :

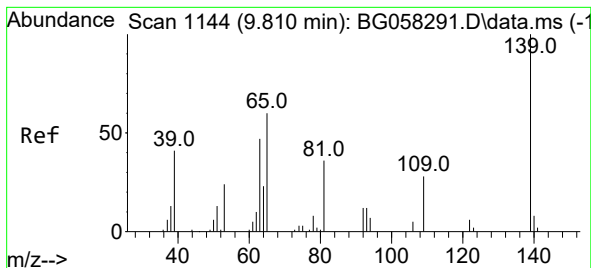
Tgt Ion: 77 Resp: 163112
Ion Ratio Lower Upper
77 100
123 43.5 34.0 51.0
65 13.3 11.0 16.6



#23
Isophorone
Concen: 43.206 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion: 82 Resp: 346896
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.9 11.9 17.9

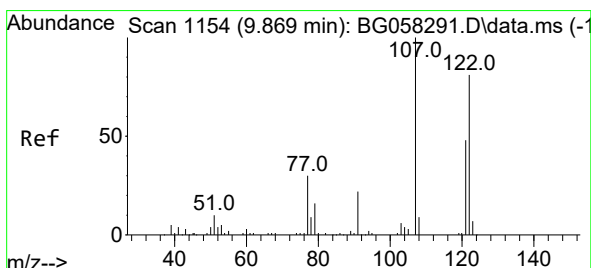
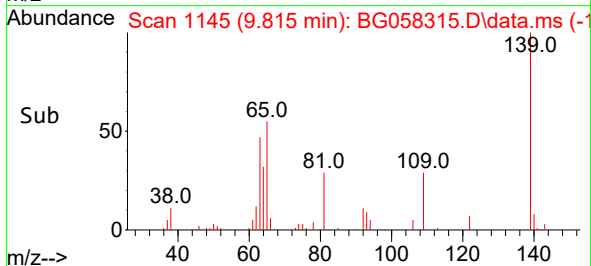
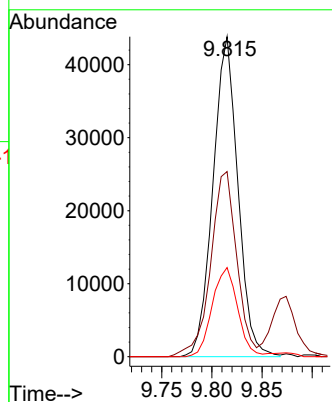
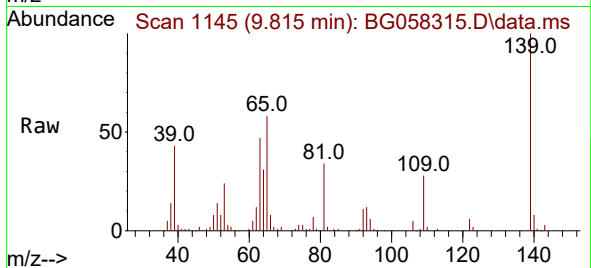




#25
2-Nitrophenol
Concen: 48.230 ng/ul
RT: 9.815 min Scan# 1144
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

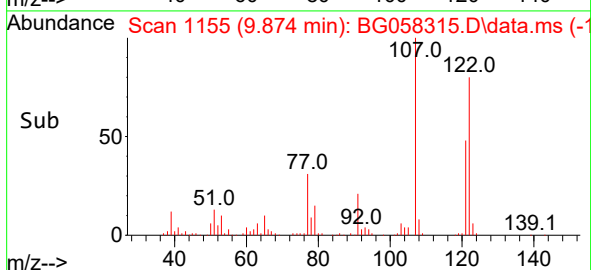
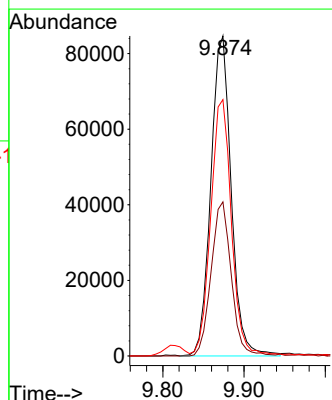
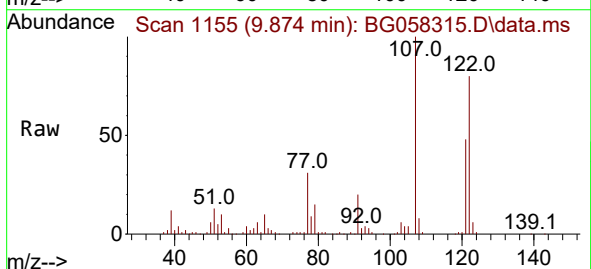
Instrument :
BNA_M
ClientSampleId :

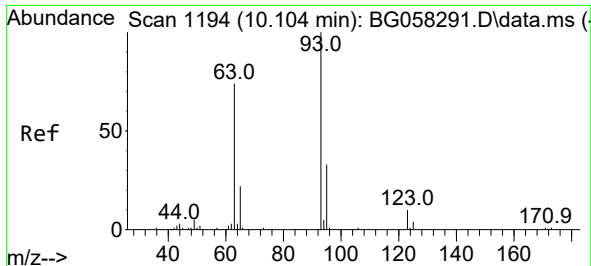
Tgt Ion:139 Resp: 75526
Ion Ratio Lower Upper
139 100
65 57.8 49.2 73.8
109 27.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 42.279 ng/ul
RT: 9.874 min Scan# 1155
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:107 Resp: 147622
Ion Ratio Lower Upper
107 100
121 48.1 39.1 58.7
122 80.1 68.9 103.3





#27

Bis(2-Chloroethoxy)methane

Concen: 45.575 ng/ul

RT: 10.103 min Scan# 1194

Delta R.T. -0.005 min

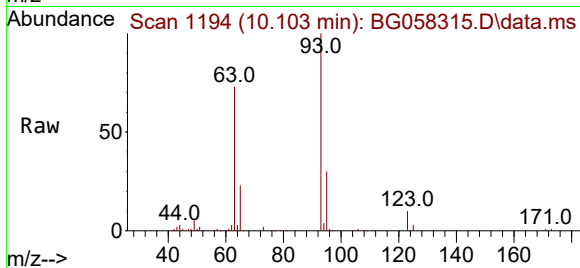
Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :



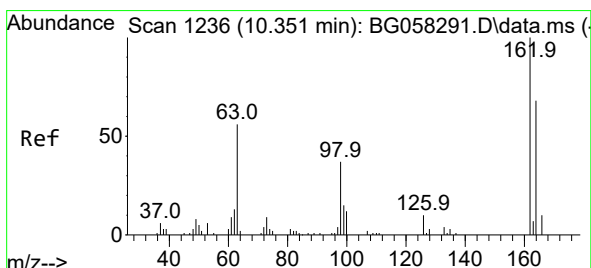
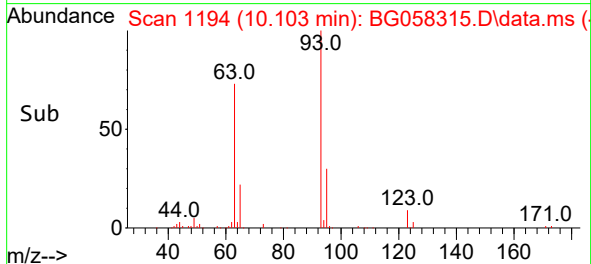
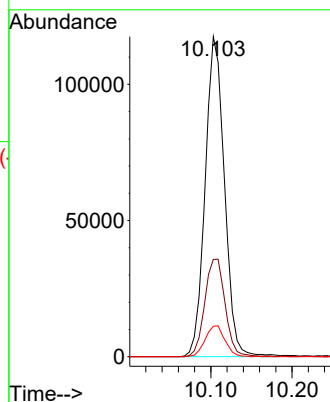
Tgt Ion: 93 Resp: 193791

Ion Ratio Lower Upper

93 100

95 30.4 25.8 38.8

123 9.5 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 49.316 ng/ul

RT: 10.350 min Scan# 1236

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

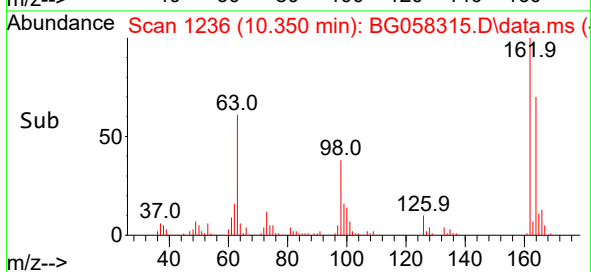
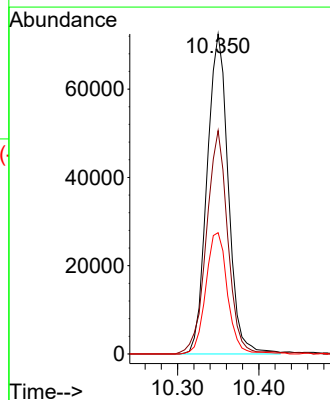
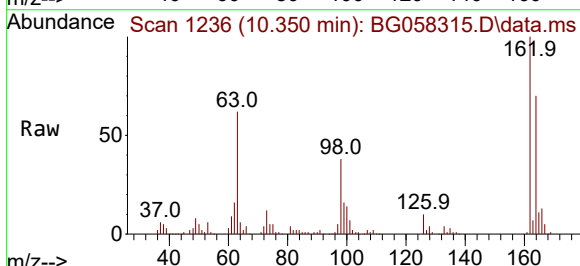
Tgt Ion:162 Resp: 131545

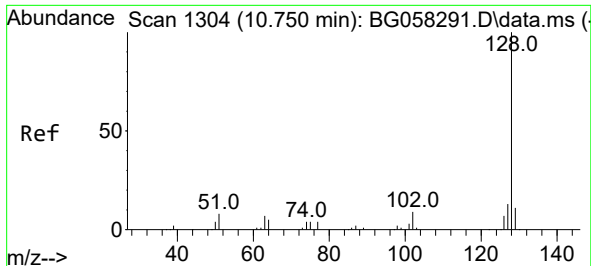
Ion Ratio Lower Upper

162 100

164 69.8 58.4 87.6

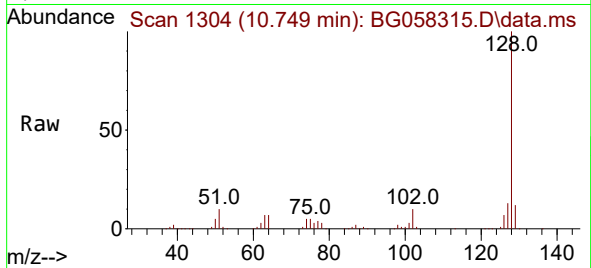
98 37.9 29.6 44.4



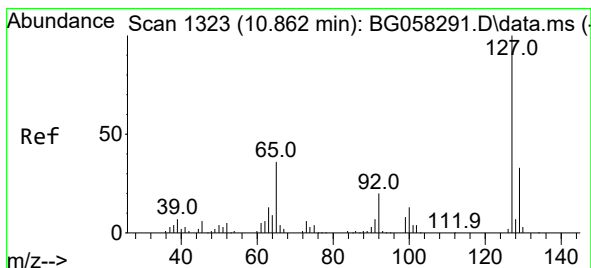
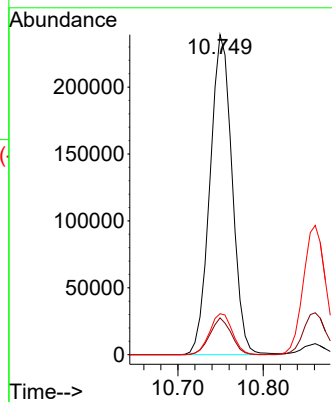
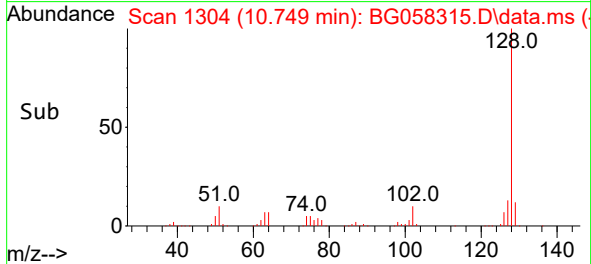


#30
Naphthalene
Concen: 45.009 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Instrument :
BNA_M
ClientSampleId :

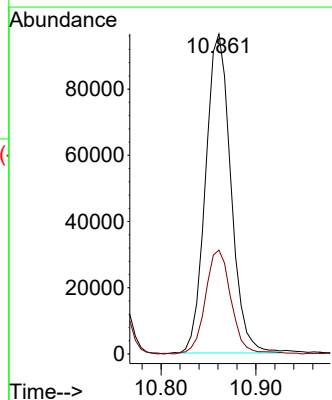
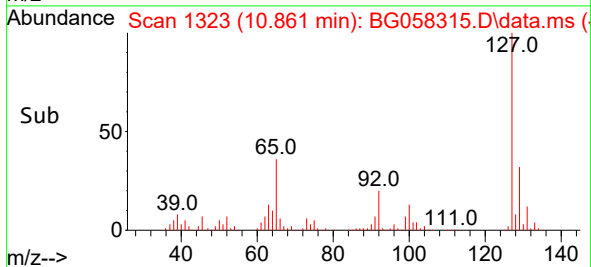
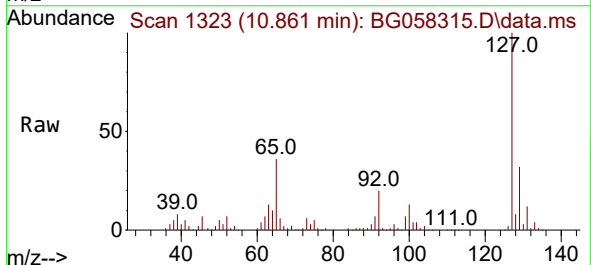


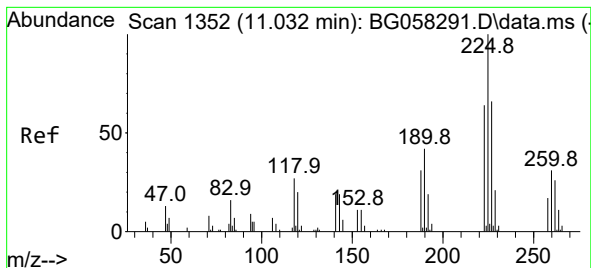
Tgt Ion:128 Resp: 431008
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.8 10.8 16.2



#32
4-Chloroaniline
Concen: 42.891 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:127 Resp: 178598
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1

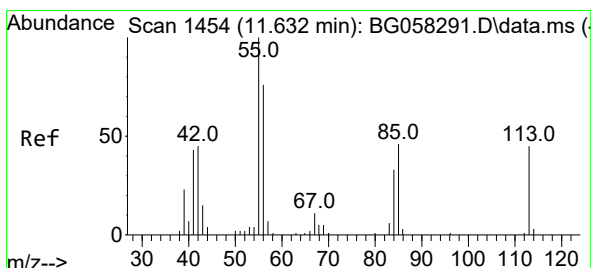
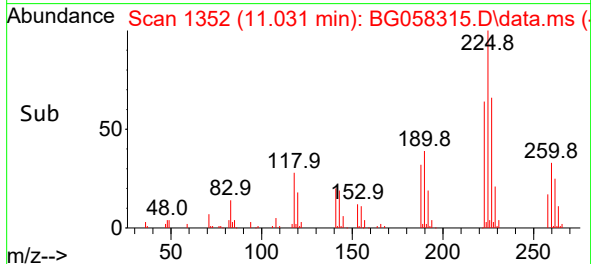
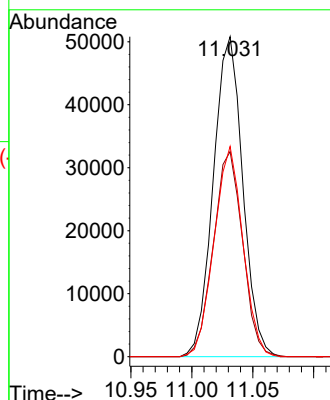
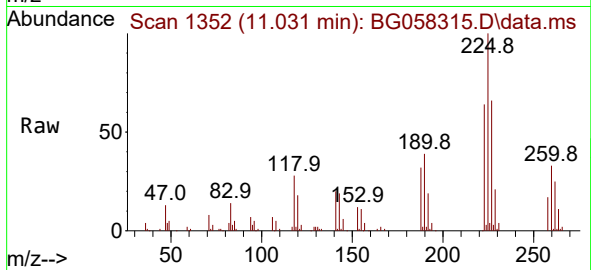




#33
Hexachlorobutadiene
Concen: 44.723 ng/ul
RT: 11.031 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

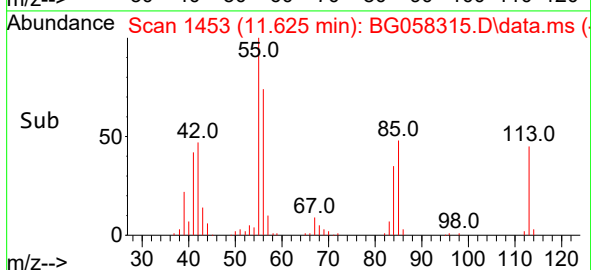
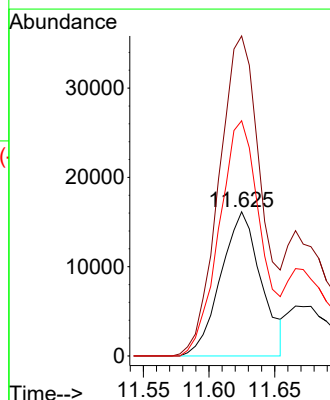
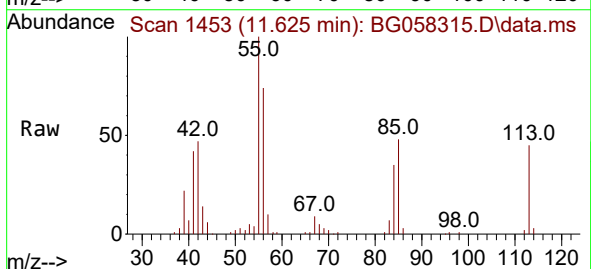
Instrument :
BNA_M
ClientSampleId :

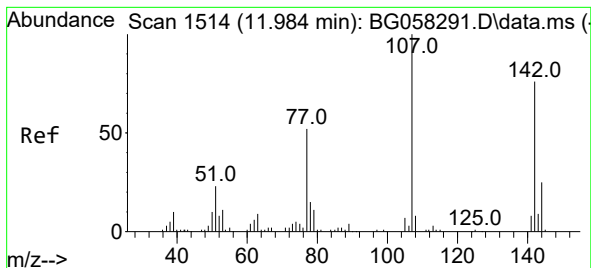
Tgt Ion:225 Resp: 85302
Ion Ratio Lower Upper
225 100
223 64.1 49.7 74.5
227 65.7 53.2 79.8



#34
Caprolactam
Concen: 31.150 ng/ul
RT: 11.625 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:113 Resp: 34510
Ion Ratio Lower Upper
113 100
55 222.0 179.8 269.6
56 163.2 132.2 198.4

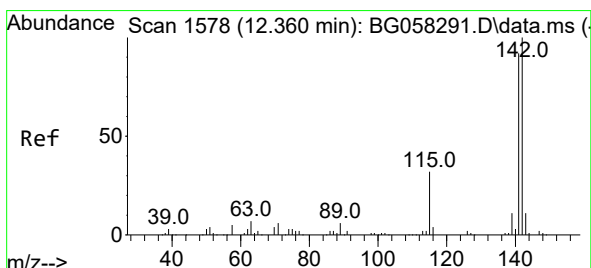
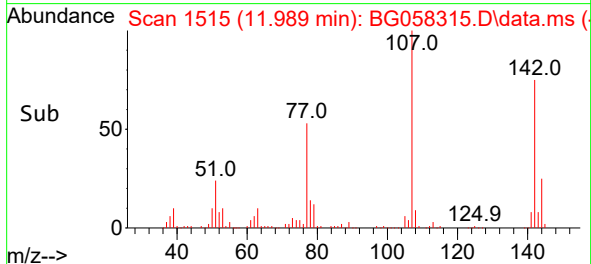
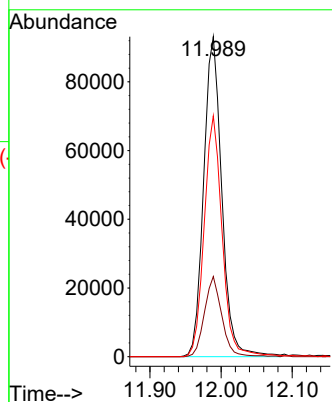
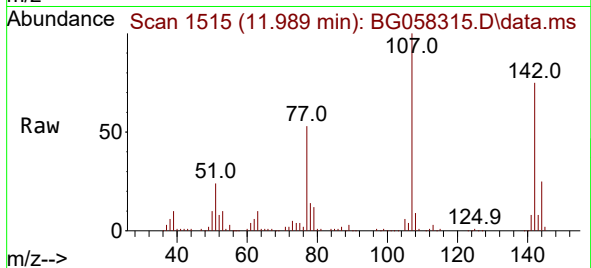




#35
 4-Chloro-3-methylphenol
 Concen: 48.842 ng/ul
 RT: 11.989 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

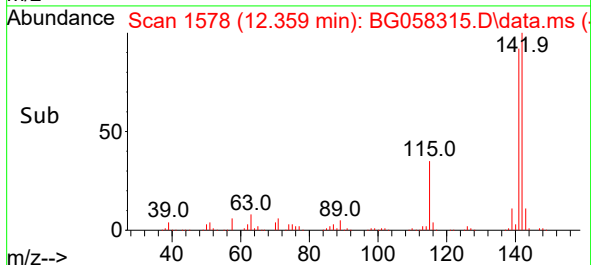
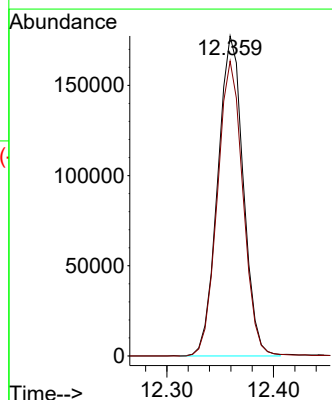
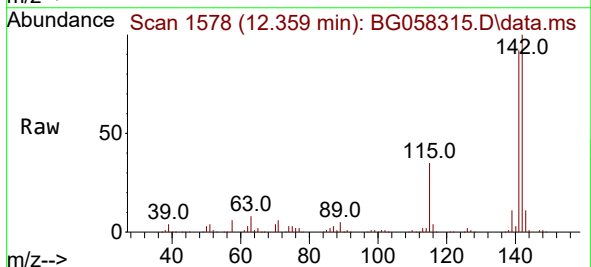
Instrument :
 BNA_M
 ClientSampleId :

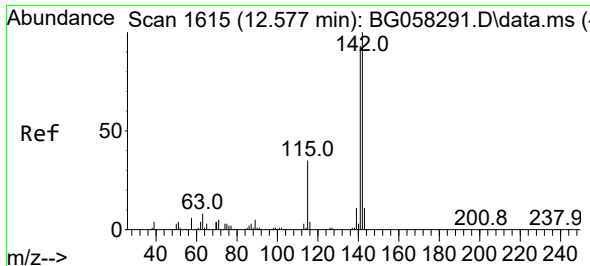
Tgt Ion:107 Resp: 165800
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.6
 142 75.3 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 45.995 ng/ul
 RT: 12.359 min Scan# 1578
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

Tgt Ion:142 Resp: 295094
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.6 108.8

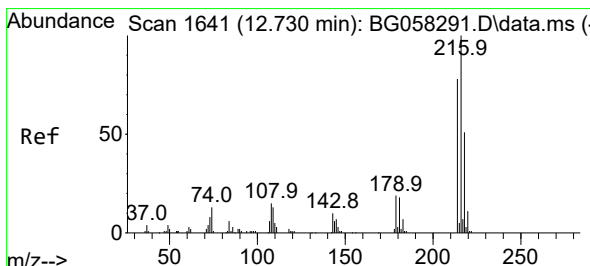
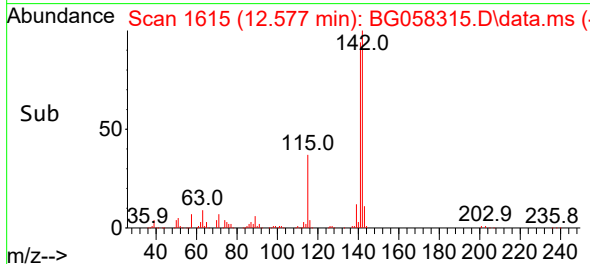
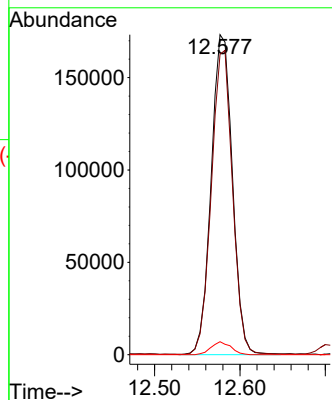
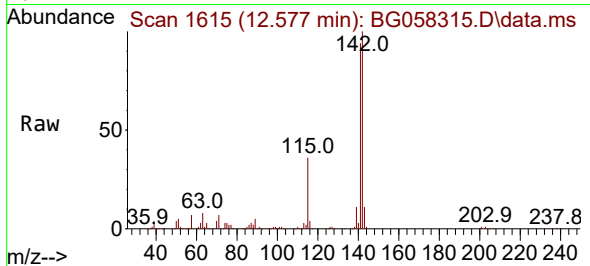




#37
1-Methylnaphthalene
Concen: 45.747 ng/ul
RT: 12.577 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

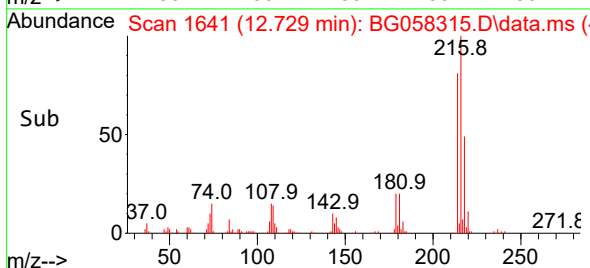
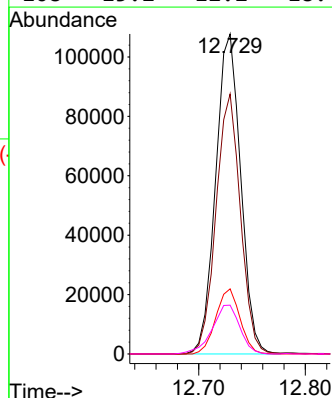
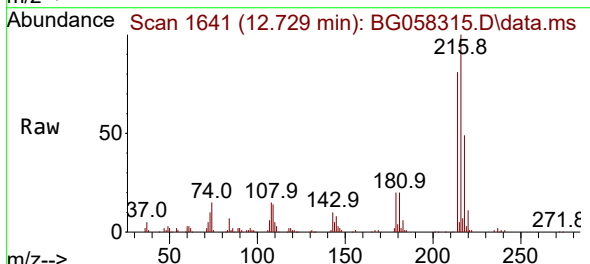
Instrument :
BNA_M
ClientSampleId :

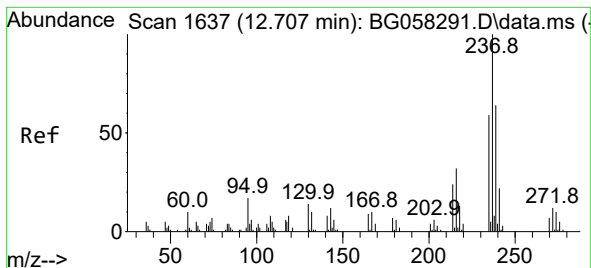
Tgt Ion:142 Resp: 300807
Ion Ratio Lower Upper
142 100
141 93.9 75.8 113.6
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.723 ng/ul
RT: 12.729 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:216 Resp: 175429
Ion Ratio Lower Upper
216 100
214 81.2 62.2 93.4
179 20.3 16.2 24.2
108 15.2 12.2 18.4

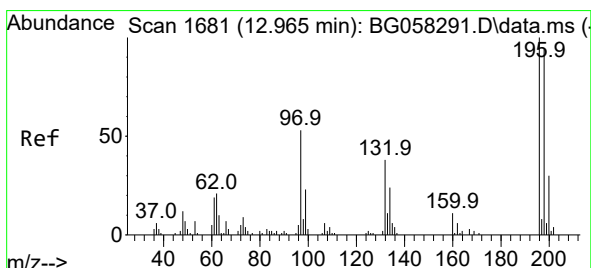
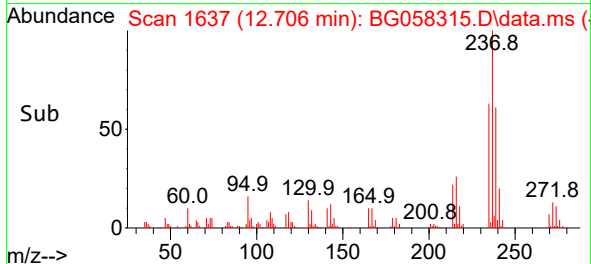
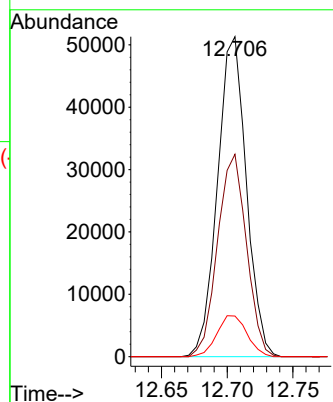
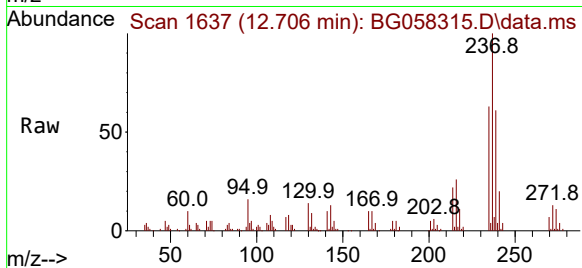




#40
Hexachlorocyclopentadiene
Concen: 38.812 ng/ul
RT: 12.706 min Scan# 1637
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

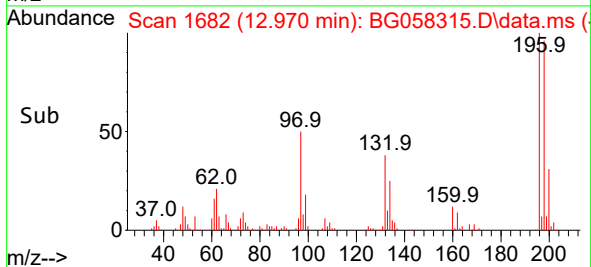
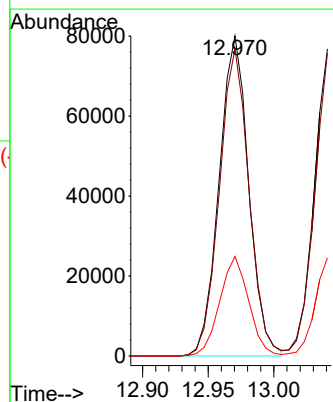
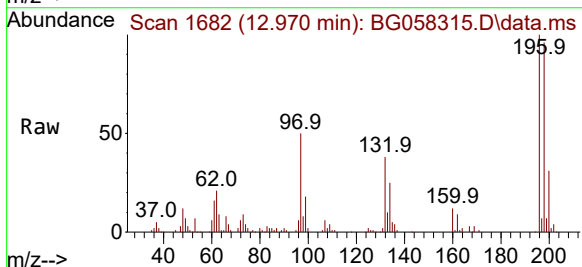
Instrument :
BNA_M
ClientSampleId :

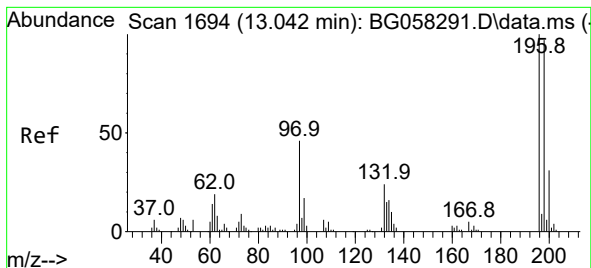
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	50.9	76.3
272	12.7	10.8	16.2



#41
2,4,6-Trichlorophenol
Concen: 49.256 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.7	116.5
200	31.1	25.0	37.6





#42

2,4,5-Trichlorophenol

Concen: 49.592 ng/ul

RT: 13.047 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :

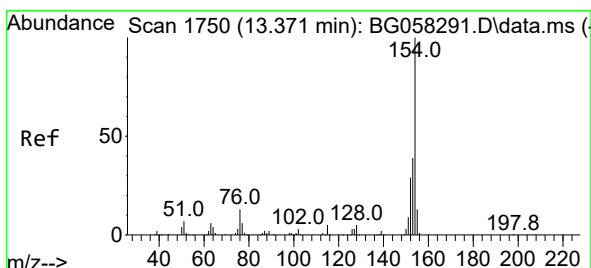
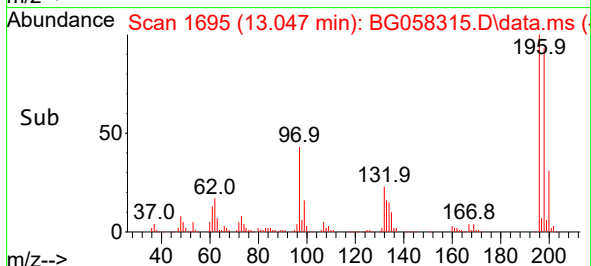
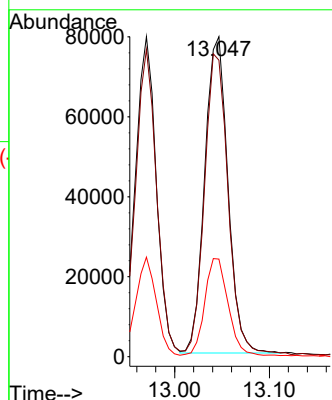
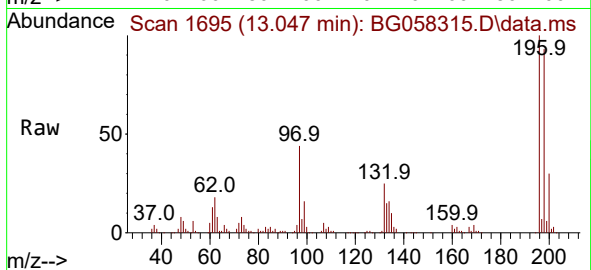
Tgt Ion:196 Resp: 134411

Ion Ratio Lower Upper

196 100

198 92.6 74.8 112.2

200 30.5 24.4 36.6



#43

1,1'-Biphenyl

Concen: 45.964 ng/ul

RT: 13.370 min Scan# 1750

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

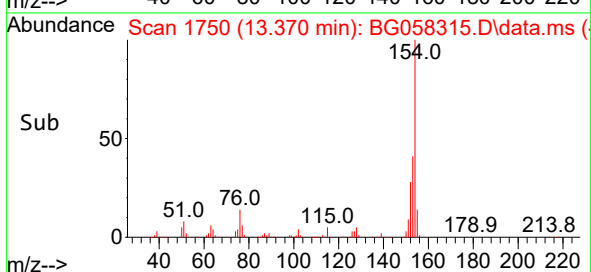
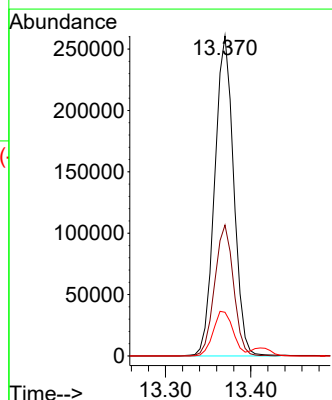
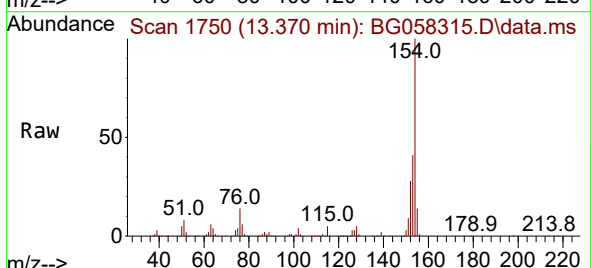
Tgt Ion:154 Resp: 403126

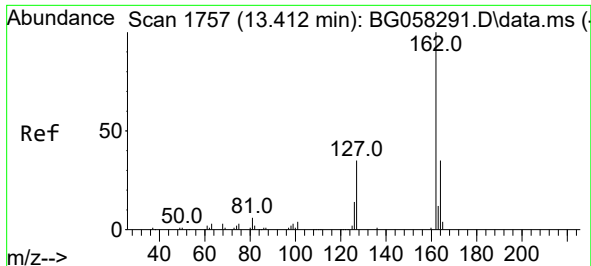
Ion Ratio Lower Upper

154 100

153 40.9 31.8 47.6

76 13.7 11.7 17.5

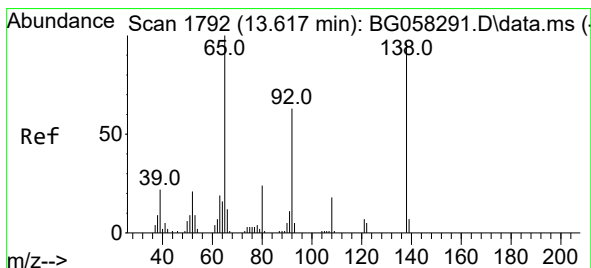
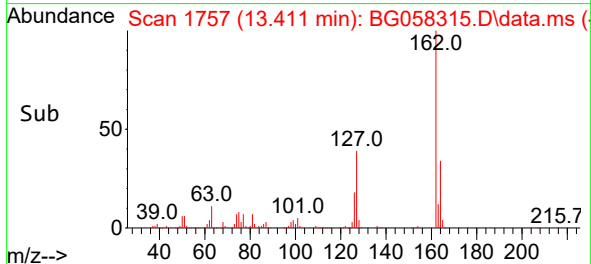
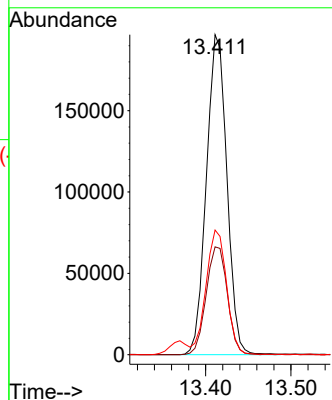
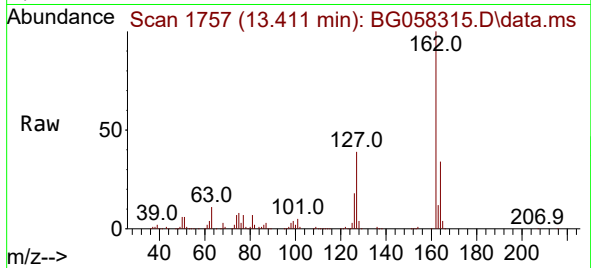




#44
2-Chloronaphthalene
Concen: 47.232 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

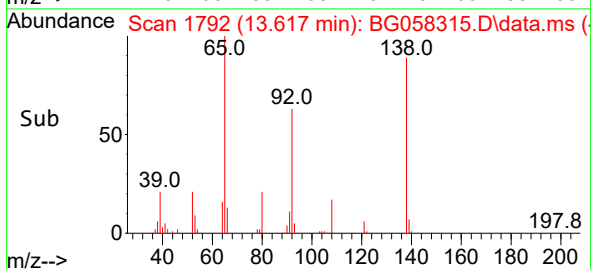
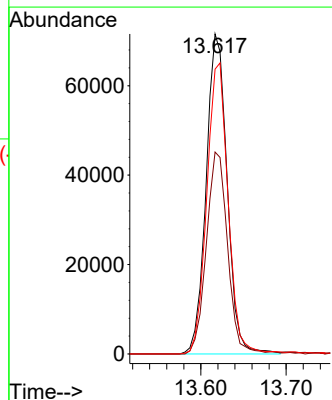
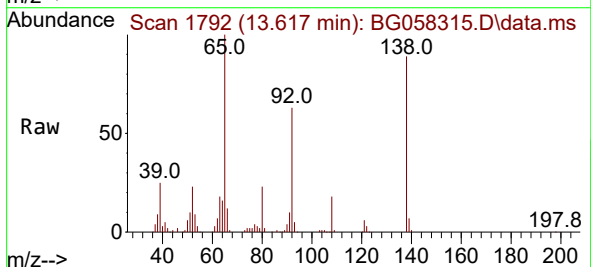
Instrument :
BNA_M
ClientSampleId :

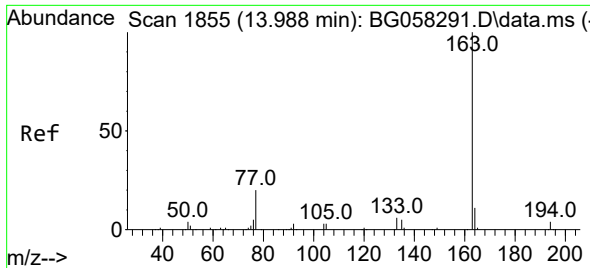
Tgt Ion:162 Resp: 329365
Ion Ratio Lower Upper
162 100
164 33.7 26.2 39.2
127 39.0 29.8 44.6



#45
2-Nitroaniline
Concen: 50.526 ng/ul
RT: 13.617 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

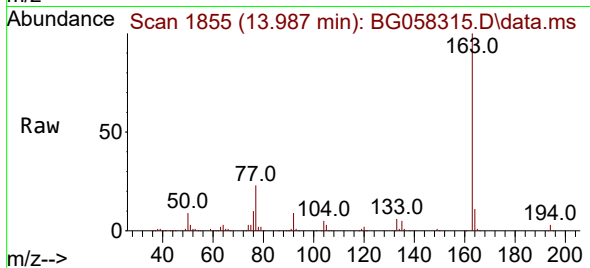
Tgt Ion: 65 Resp: 122385
Ion Ratio Lower Upper
65 100
92 63.1 51.4 77.2
138 89.0 71.6 107.4



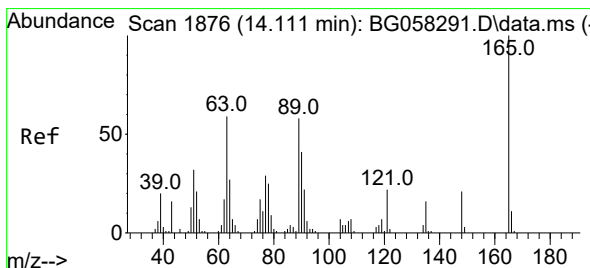
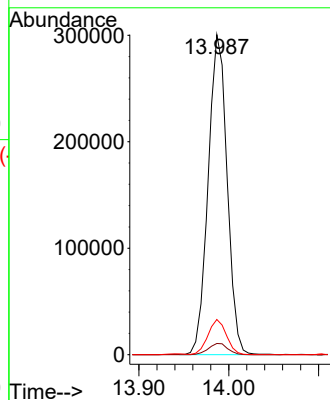
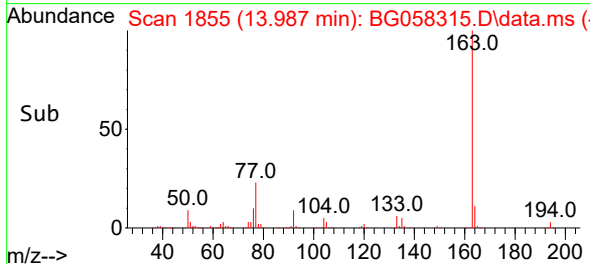


#47
Dimethylphthalate
Concen: 43.857 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

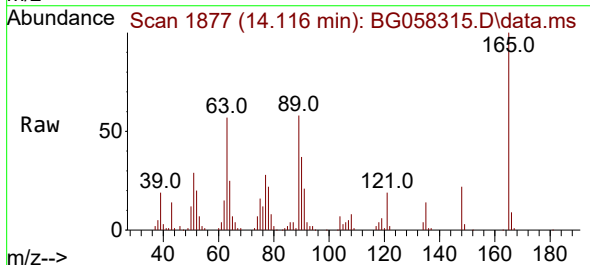
Instrument :
BNA_M
ClientSampleId :



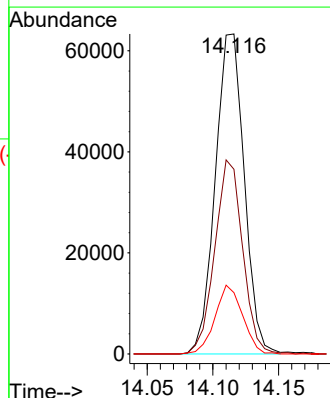
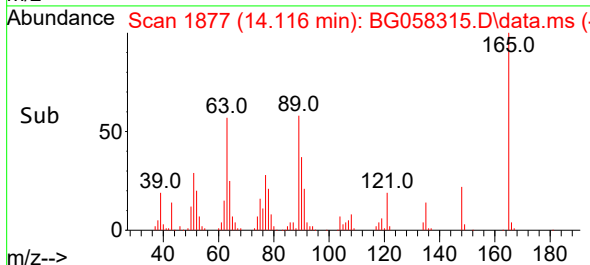
Tgt Ion:163 Resp: 440597
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 11.0 8.2 12.2

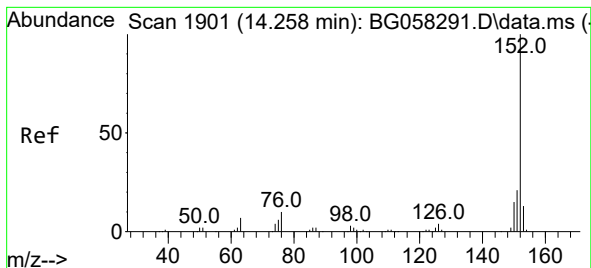


#48
2,6-Dinitrotoluene
Concen: 50.081 ng/ul
RT: 14.116 min Scan# 1877
Delta R.T. 0.007 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41



Tgt Ion:165 Resp: 97224
Ion Ratio Lower Upper
165 100
89 57.7 48.9 73.3
121 19.2 16.2 24.4





#50

Acenaphthylene

Concen: 47.135 ng/ul

RT: 14.257 min Scan# 1901

Delta R.T. -0.005 min

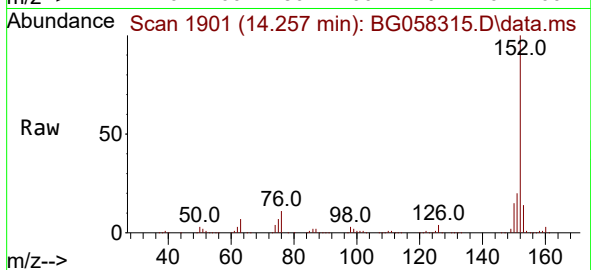
Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :



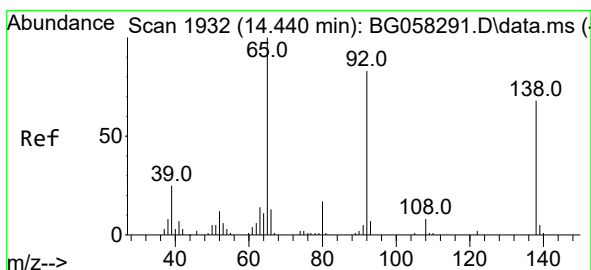
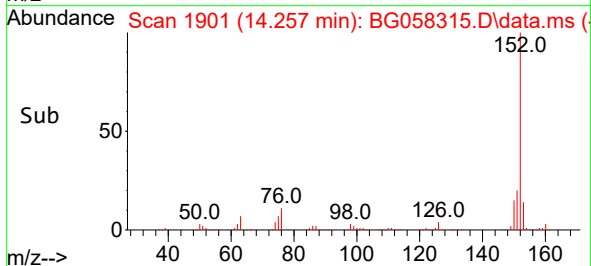
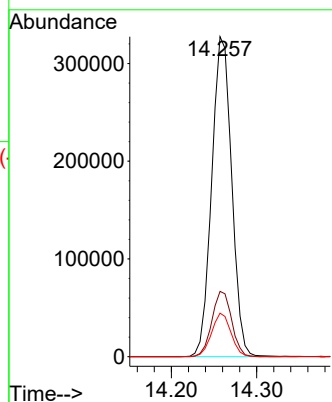
Tgt Ion:152 Resp: 533284

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.6 10.6 16.0



#51

3-Nitroaniline

Concen: 55.500 ng/ul

RT: 14.445 min Scan# 1933

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

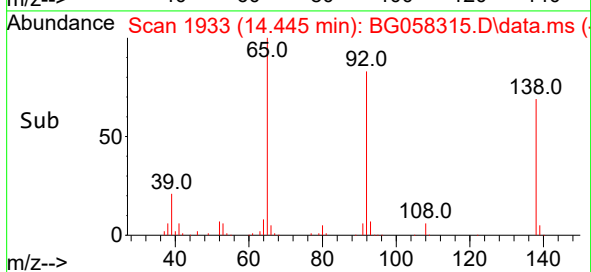
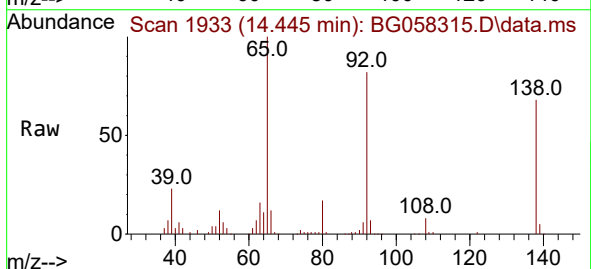
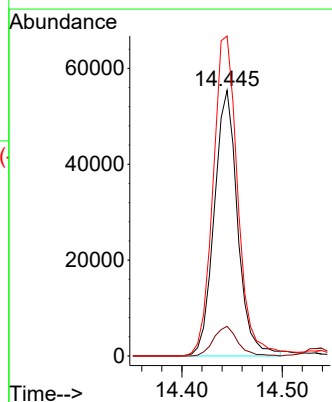
Tgt Ion:138 Resp: 89790

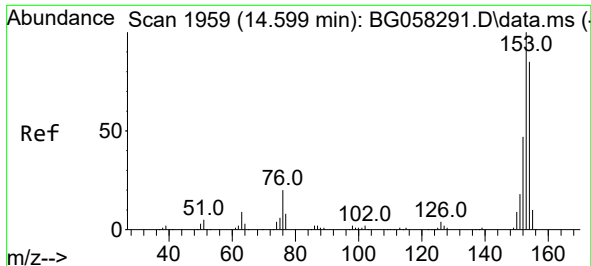
Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

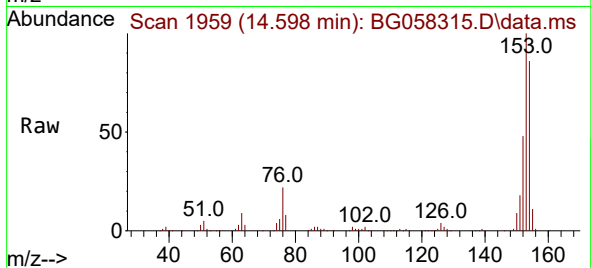
92 120.5 108.4 162.6



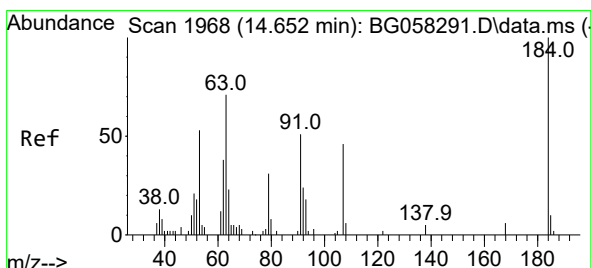
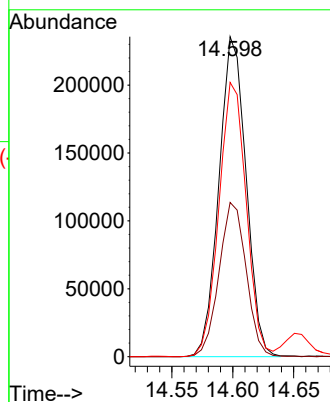
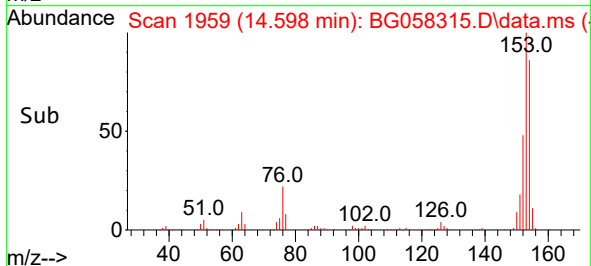


#52
Acenaphthene
Concen: 46.519 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

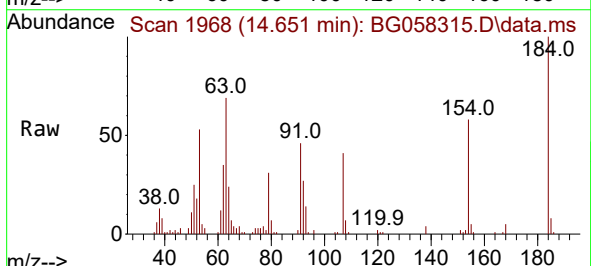
Instrument :
BNA_M
ClientSampleId :



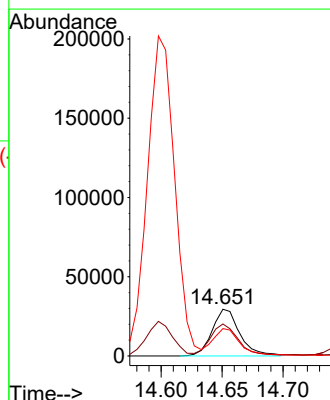
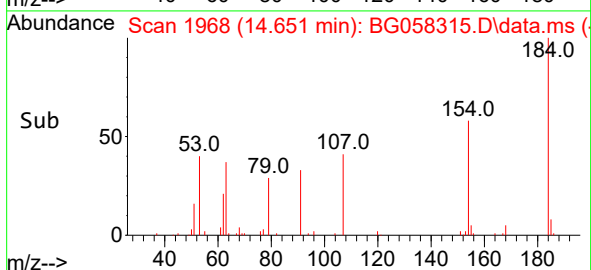
Tgt Ion:153 Resp: 365420
Ion Ratio Lower Upper
153 100
152 48.2 39.1 58.7
154 85.7 68.7 103.1

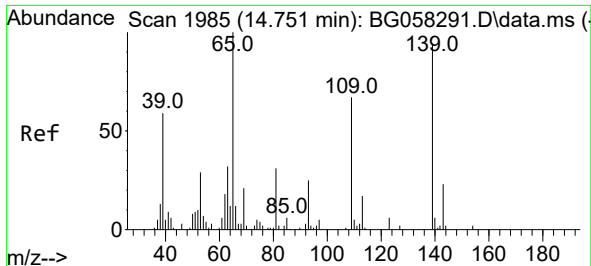


#53
2,4-Dinitrophenol
Concen: 45.050 ng/ul
RT: 14.651 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41



Tgt Ion:184 Resp: 46545
Ion Ratio Lower Upper
184 100
63 68.6 52.9 79.3
154 58.4 47.8 71.8

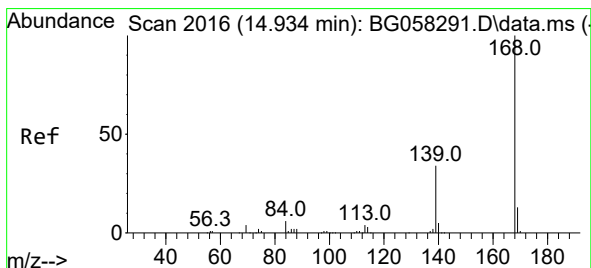
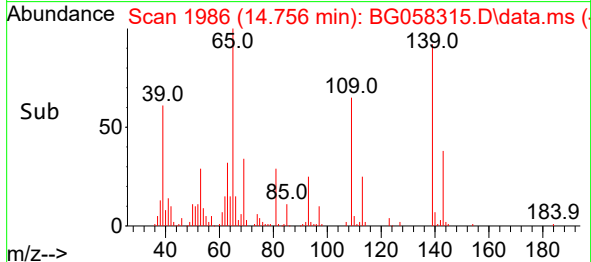
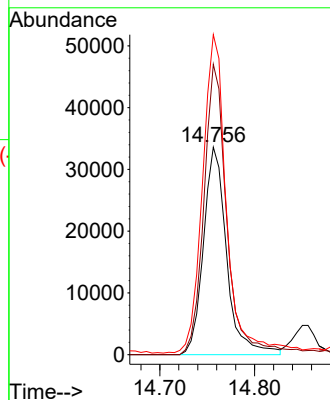
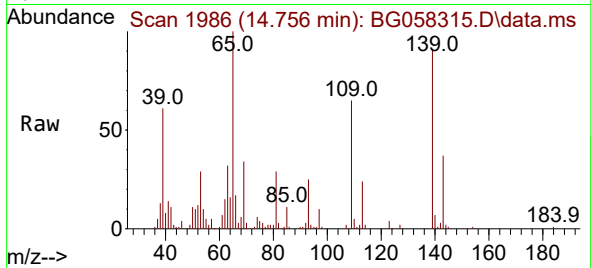




#55
4-Nitrophenol
Concen: 49.070 ng/ul
RT: 14.756 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

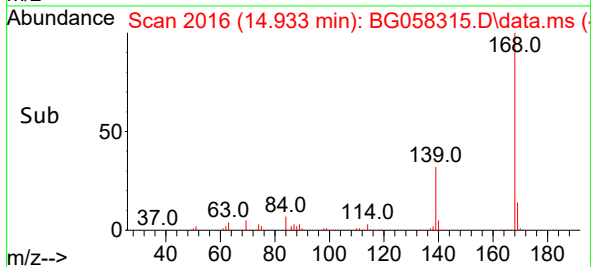
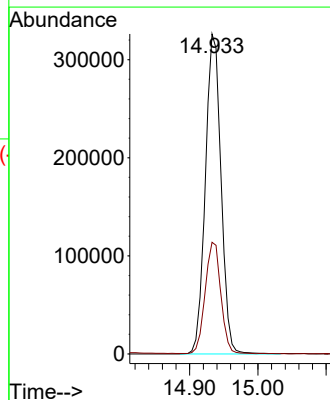
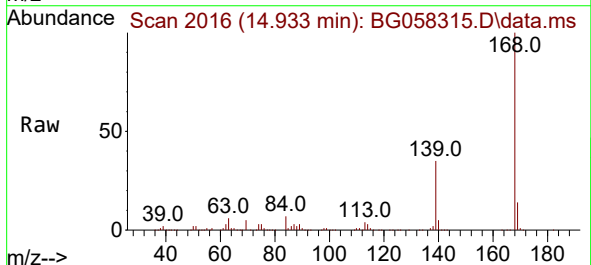
Instrument :
BNA_M
ClientSampleId :

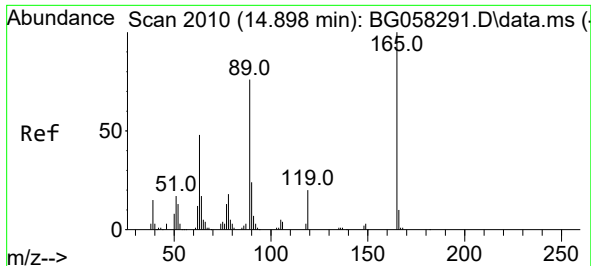
Tgt Ion:109 Resp: 57083
Ion Ratio Lower Upper
109 100
139 140.0 100.3 150.5
65 154.3 120.6 180.8



#56
Dibenzofuran
Concen: 46.626 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:168 Resp: 521517
Ion Ratio Lower Upper
168 100
139 34.9 27.8 41.8

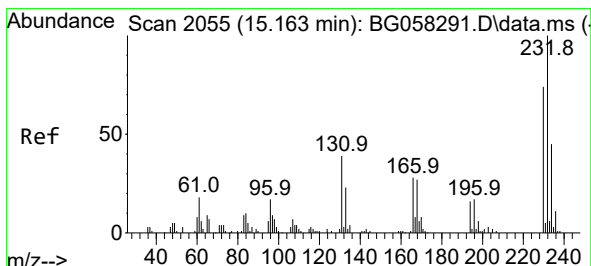
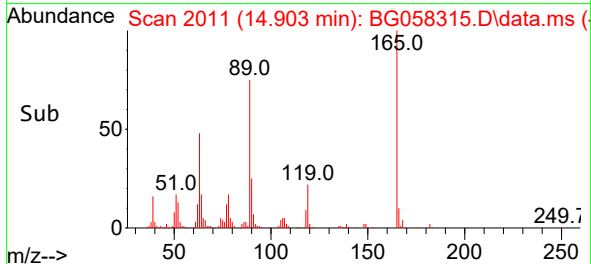
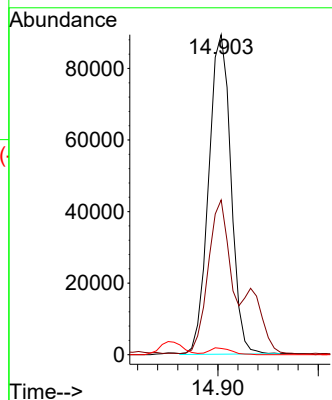
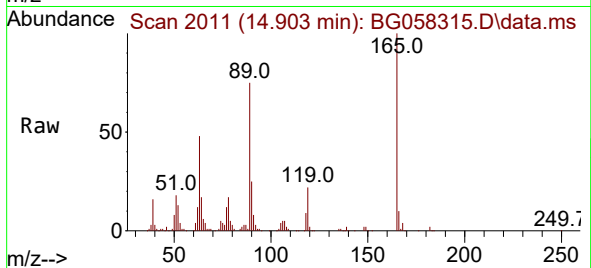




#57
2,4-Dinitrotoluene
Concen: 49.280 ng/ul
RT: 14.903 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

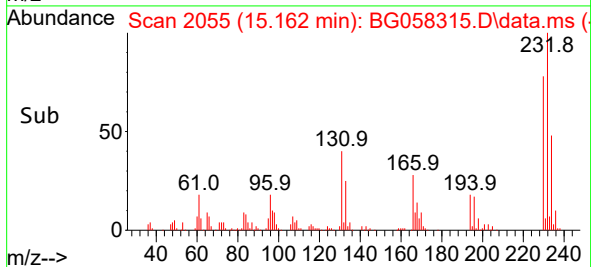
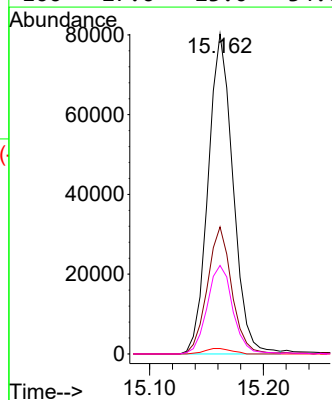
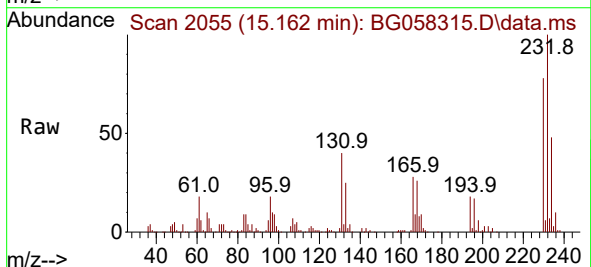
Instrument :
BNA_M
ClientSampleId :

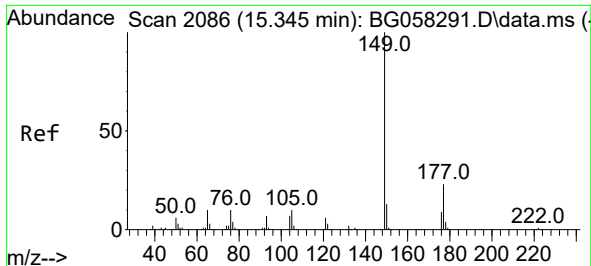
Tgt Ion:165 Resp: 137985
Ion Ratio Lower Upper
165 100
63 48.4 33.8 50.6
182 2.0 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.658 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:232 Resp: 121845
Ion Ratio Lower Upper
232 100
131 39.7 29.0 43.6
130 1.7 1.1 1.7#
166 27.6 23.0 34.6

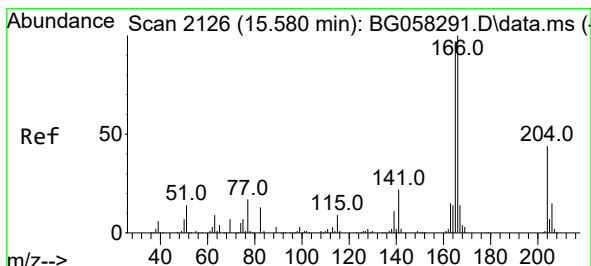
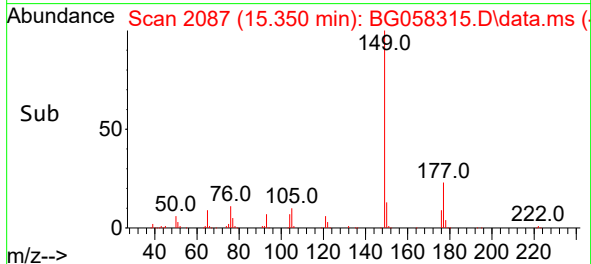
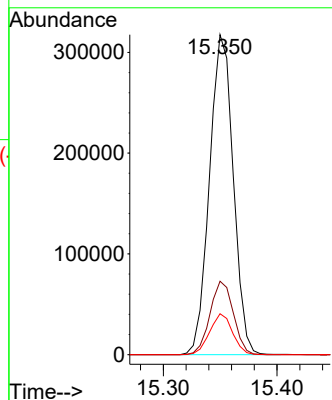
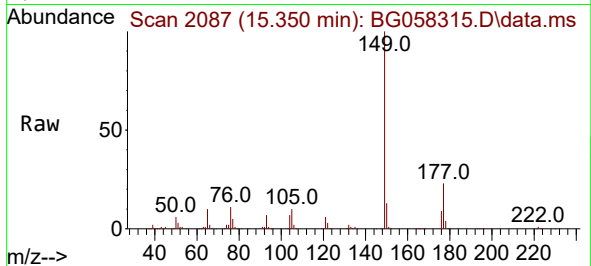




#59
Diethylphthalate
Concen: 44.619 ng/ul
RT: 15.350 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

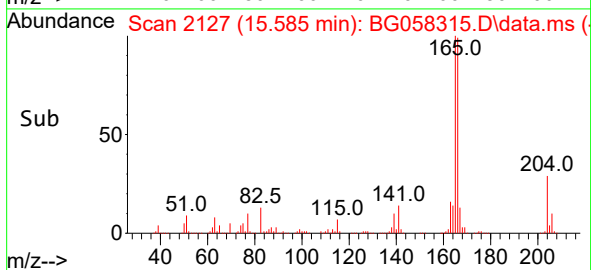
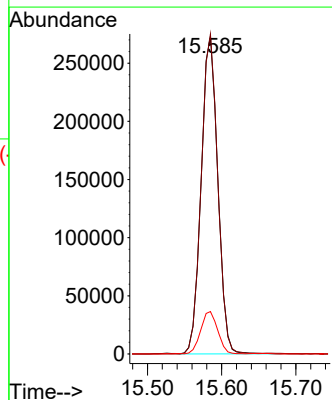
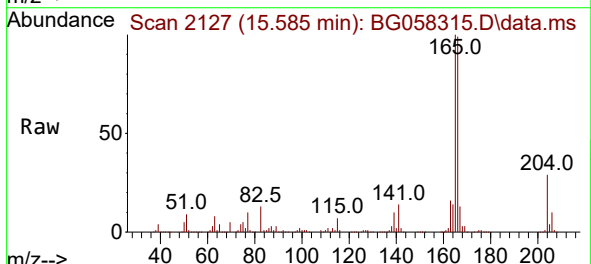
Instrument :
BNA_M
ClientSampleId :

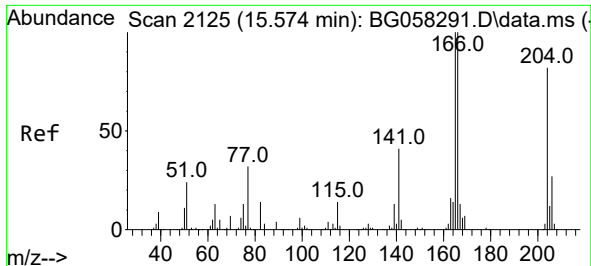
Tgt Ion:149 Resp: 461791
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.8 10.0 15.0



#61
Fluorene
Concen: 46.359 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:166 Resp: 425225
Ion Ratio Lower Upper
166 100
165 100.8 80.2 120.2
167 13.4 10.5 15.7





#62

4-Chlorophenyl-phenylether

Concen: 46.262 ng/ul

RT: 15.573 min Scan# 2125

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :

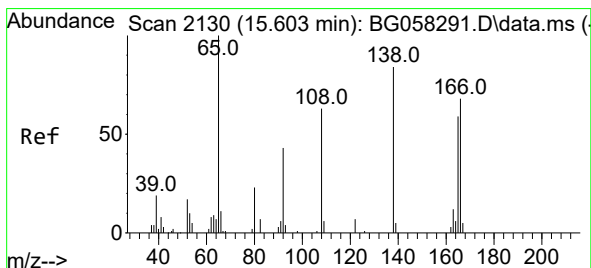
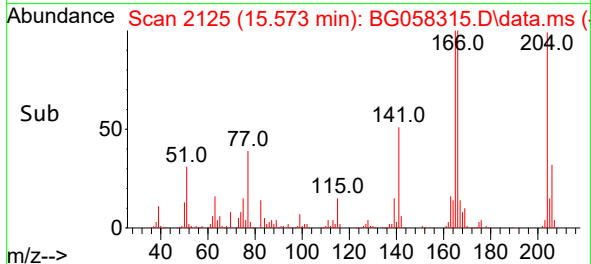
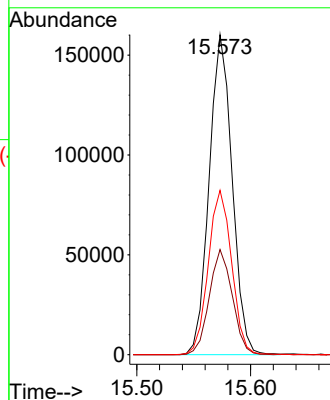
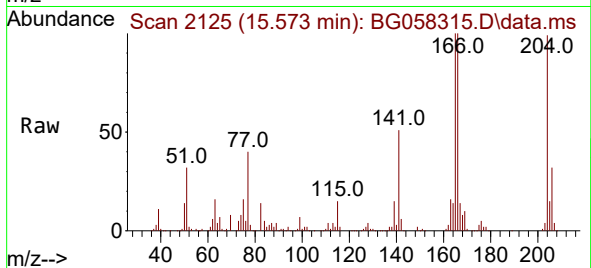
Tgt Ion:204 Resp: 225269

Ion Ratio Lower Upper

204 100

206 32.9 26.0 39.0

141 51.3 42.2 63.2



#63

4-Nitroaniline

Concen: 60.897 ng/ul

RT: 15.608 min Scan# 2131

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

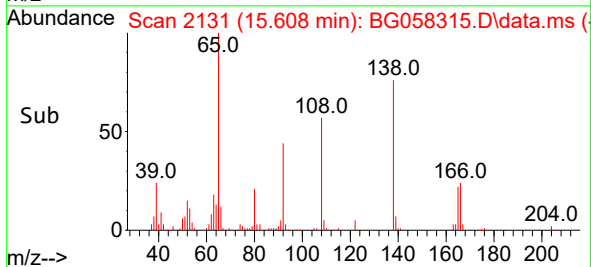
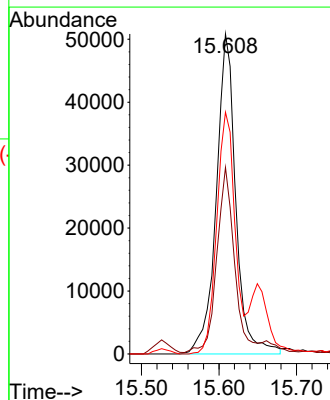
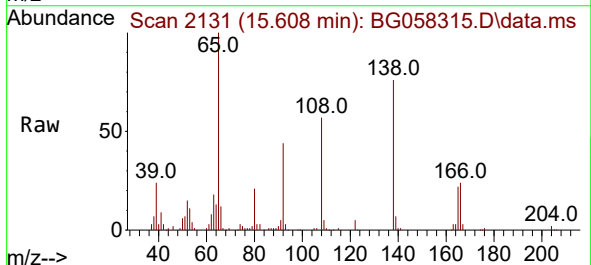
Tgt Ion:138 Resp: 89148

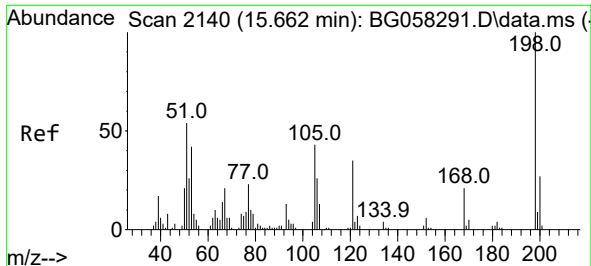
Ion Ratio Lower Upper

138 100

92 58.3 45.0 67.4

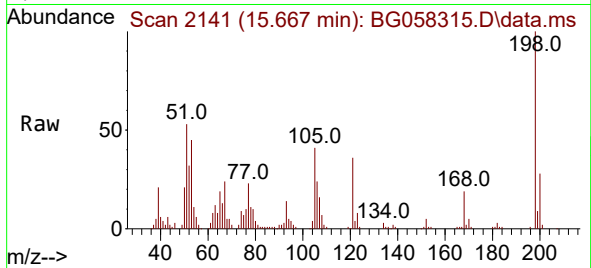
108 75.6 60.8 91.2



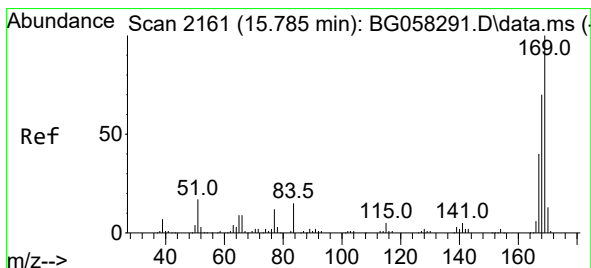
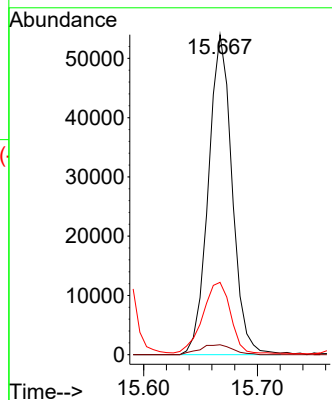
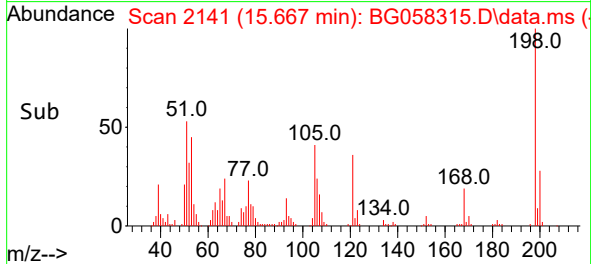


#66
 4,6-Dinitro-2-methylphenol
 Concen: 49.255 ng/ul
 RT: 15.667 min Scan# 2141
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

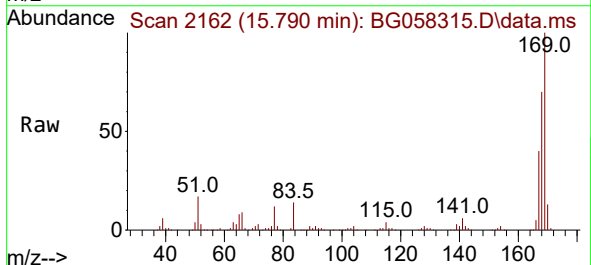
Instrument :
 BNA_M
 ClientSampleId :



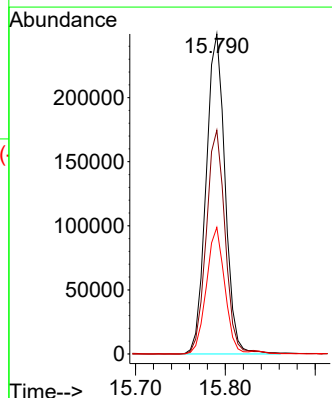
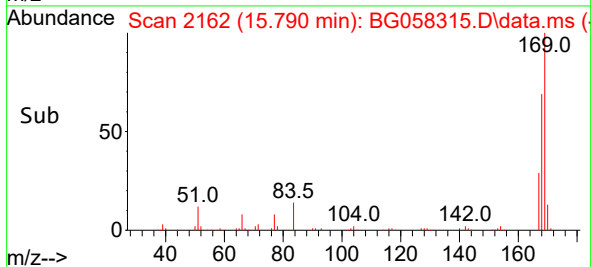
Tgt Ion:198 Resp: 78449
 Ion Ratio Lower Upper
 198 100
 182 3.1 3.4 5.2#
 77 22.6 18.4 27.6

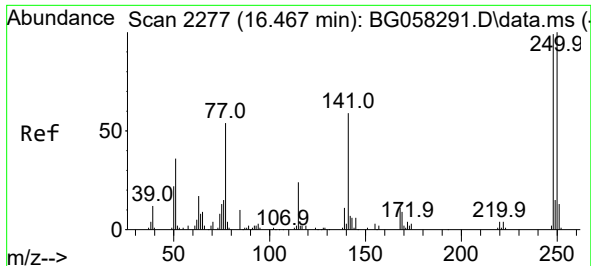


#67
 N-Nitrosodiphenylamine
 Concen: 48.499 ng/ul
 RT: 15.790 min Scan# 2162
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41



Tgt Ion:169 Resp: 365290
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.7 83.5
 167 39.5 31.2 46.8

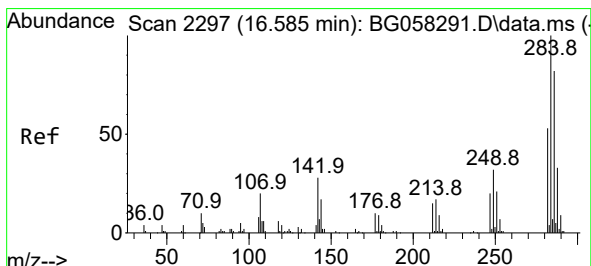
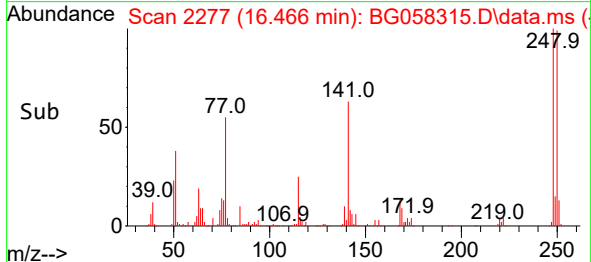
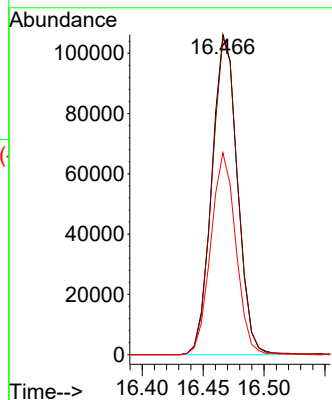
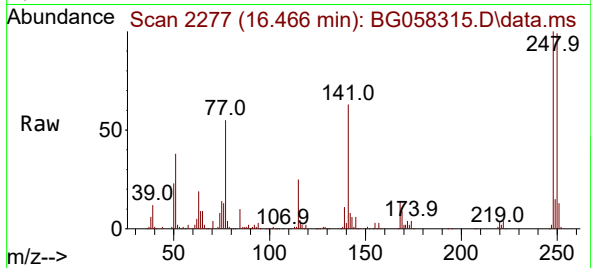




#68
4-Bromophenyl-phenylether
Concen: 48.150 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

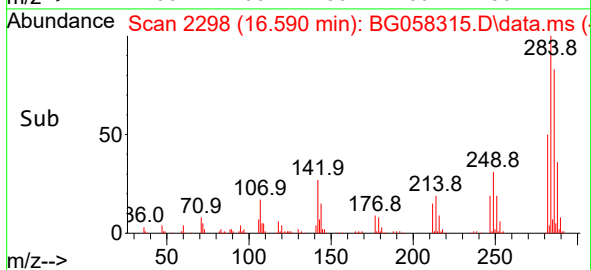
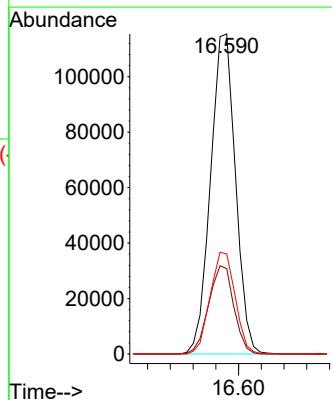
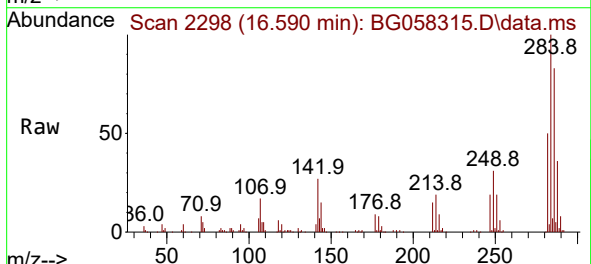
Instrument :
BNA_M
ClientSampleId :

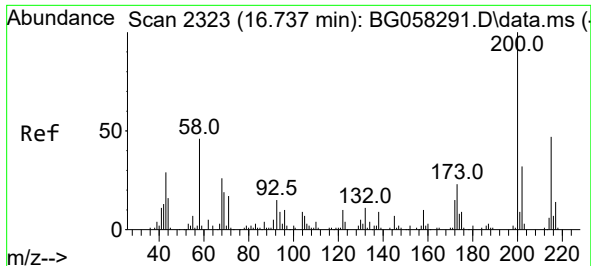
Tgt Ion:248 Resp: 154965
Ion Ratio Lower Upper
248 100
250 99.2 73.8 110.6
141 63.1 48.2 72.2



#69
Hexachlorobenzene
Concen: 48.486 ng/ul
RT: 16.590 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

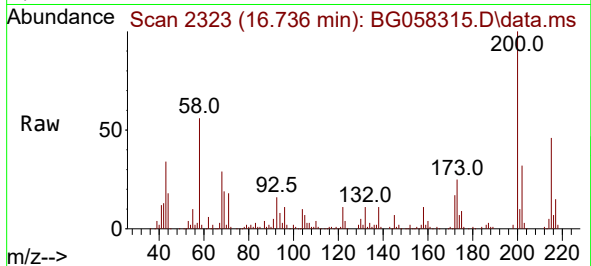
Tgt Ion:284 Resp: 176083
Ion Ratio Lower Upper
284 100
142 26.7 20.5 30.7
249 31.2 25.2 37.8



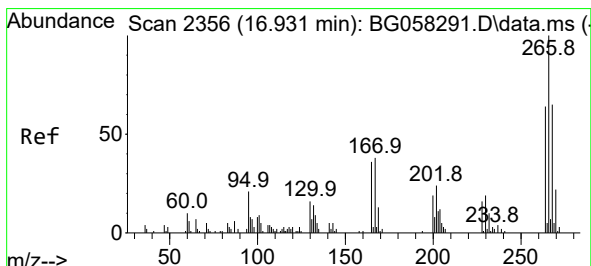
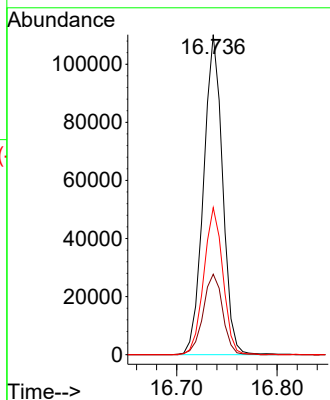
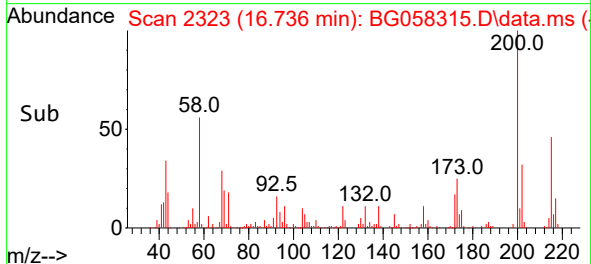


#70
 Atrazine
 Concen: 49.246 ng/ul
 RT: 16.736 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

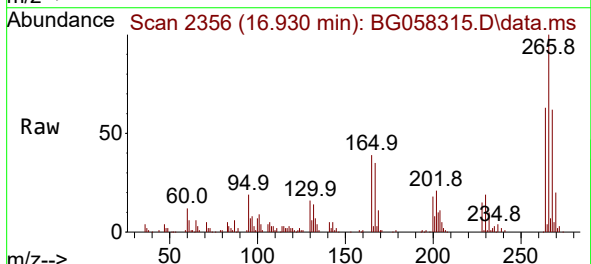
Instrument :
 BNA_M
 ClientSampleId :



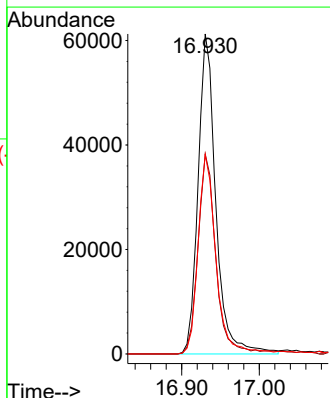
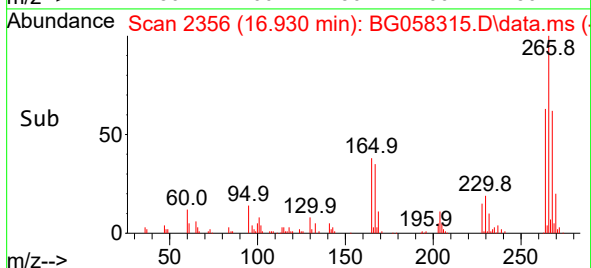
Tgt Ion:200 Resp: 145425
 Ion Ratio Lower Upper
 200 100
 173 25.2 19.8 29.8
 215 45.9 36.2 54.4

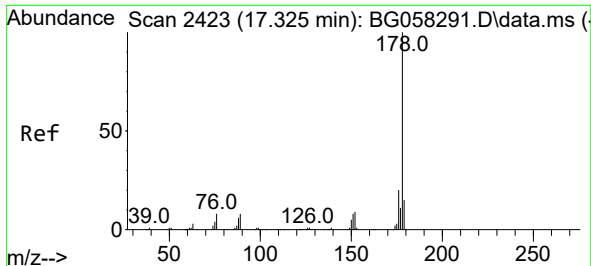


#71
 Pentachlorophenol
 Concen: 47.796 ng/ul
 RT: 16.930 min Scan# 2356
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41



Tgt Ion:266 Resp: 97433
 Ion Ratio Lower Upper
 266 100
 264 62.5 46.6 70.0
 268 62.3 47.6 71.4

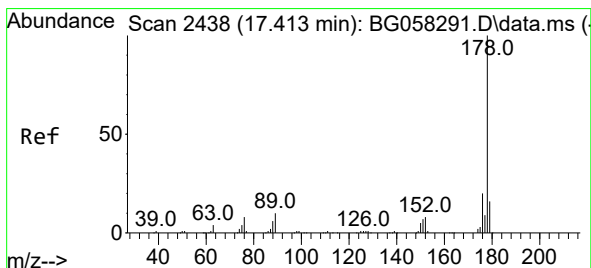
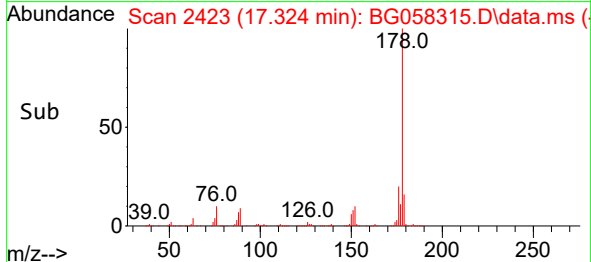
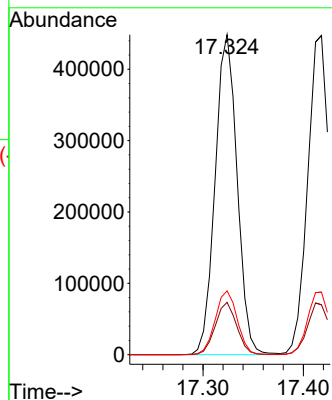
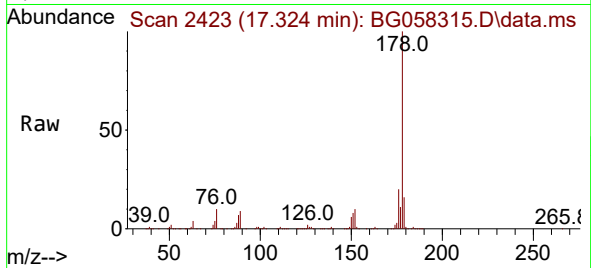




#72
Phenanthrene
Concen: 47.345 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

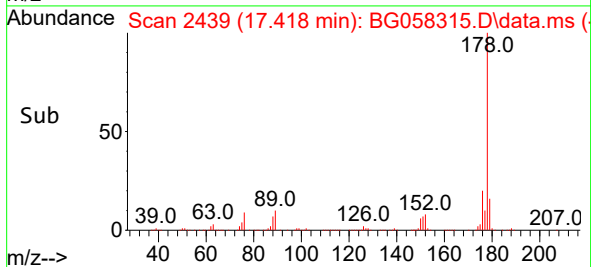
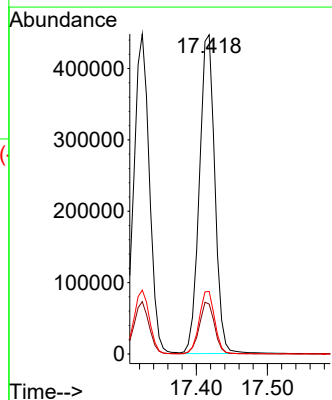
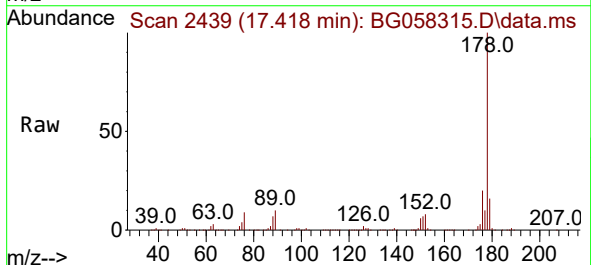
Instrument :
BNA_M
ClientSampleId :

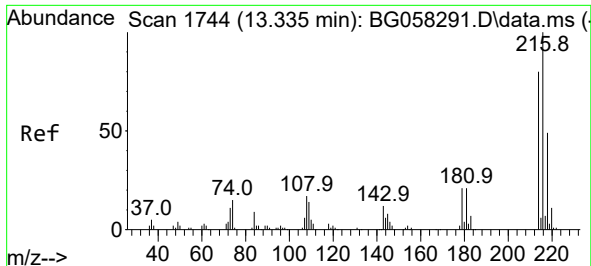
Tgt Ion:178 Resp: 683662
Ion Ratio Lower Upper
178 100
179 16.3 11.9 17.9
176 19.9 15.8 23.8



#74
Anthracene
Concen: 46.737 ng/ul
RT: 17.418 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:178 Resp: 677508
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.6 16.2 24.2

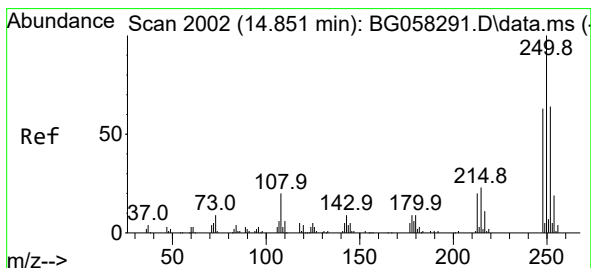
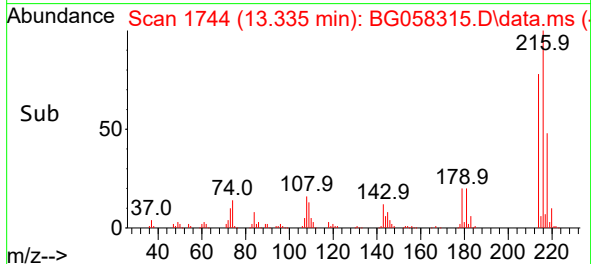
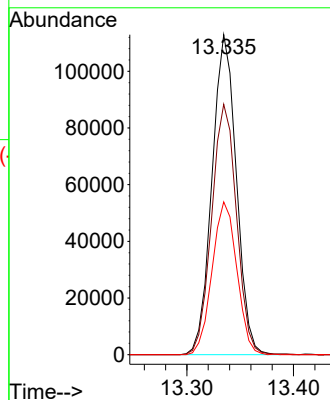
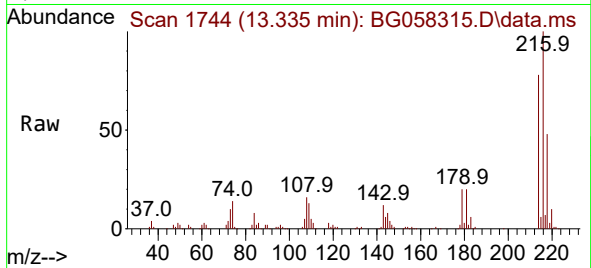




#75
1,2,3,4-Tetrachlorobenzene
Concen: 47.030 ng/uL
RT: 13.335 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

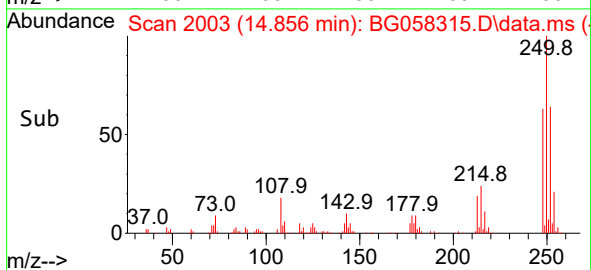
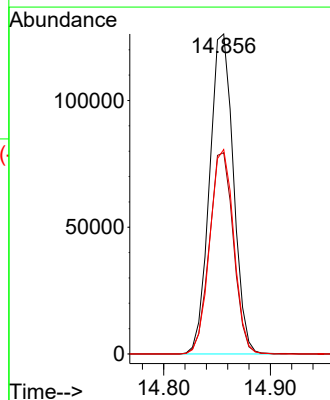
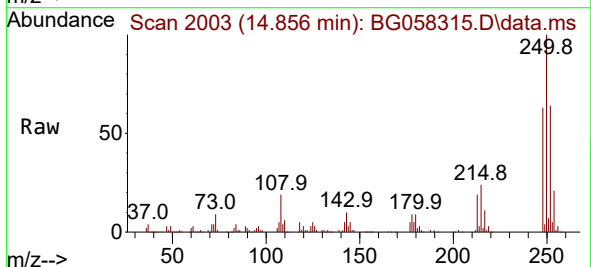
Instrument :
BNA_M
ClientSampleId :

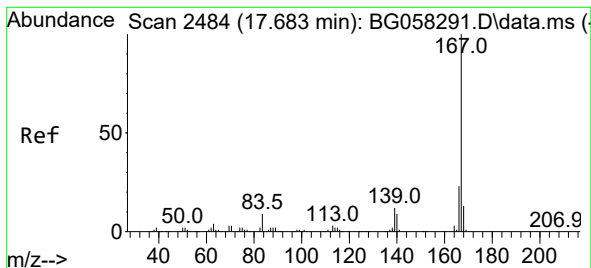
Tgt Ion:216 Resp: 179245
Ion Ratio Lower Upper
216 100
214 78.3 62.2 93.4
218 47.7 40.9 61.3



#76
Pentachlorobenzene
Concen: 47.041 ng/uL
RT: 14.856 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:250 Resp: 196060
Ion Ratio Lower Upper
250 100
248 62.9 51.6 77.4
252 63.9 54.4 81.6





#77

Carbazole

Concen: 50.181 ng/ul

RT: 17.682 min Scan# 2484

Delta R.T. 0.001 min

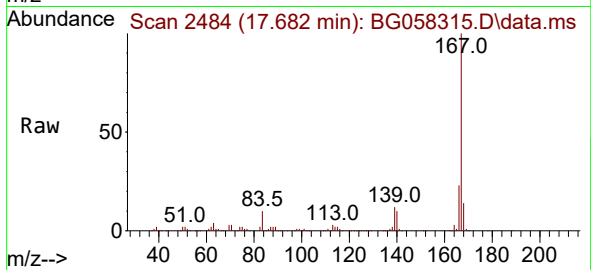
Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :



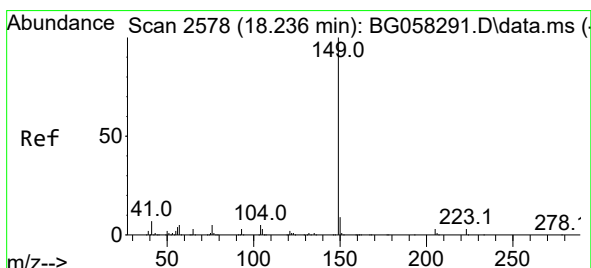
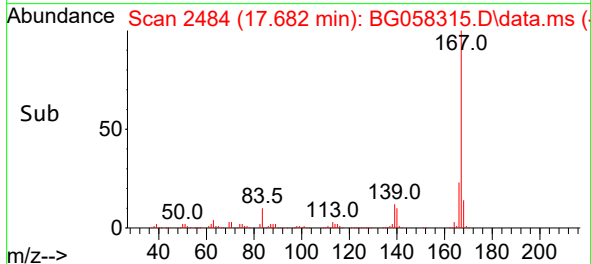
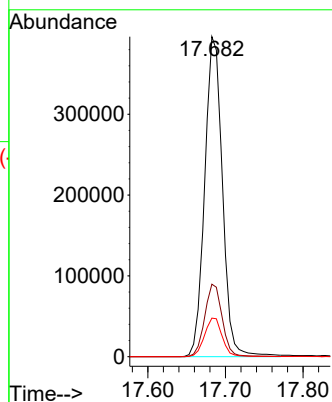
Tgt Ion:167 Resp: 630576

Ion Ratio Lower Upper

167 100

166 22.7 17.8 26.8

139 12.0 9.4 14.0



#78

Di-n-butylphthalate

Concen: 49.252 ng/ul

RT: 18.235 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

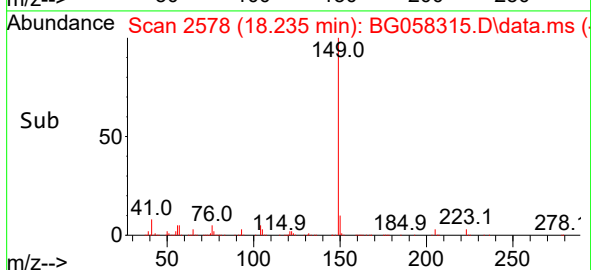
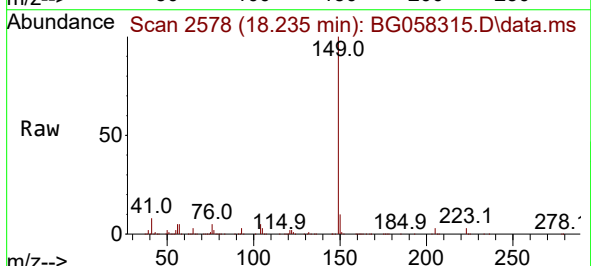
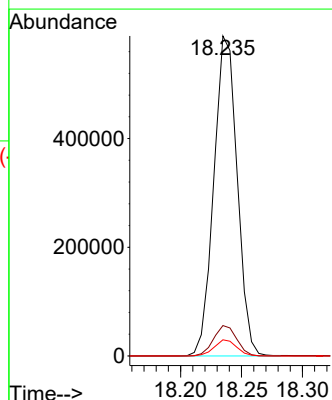
Tgt Ion:149 Resp: 786427

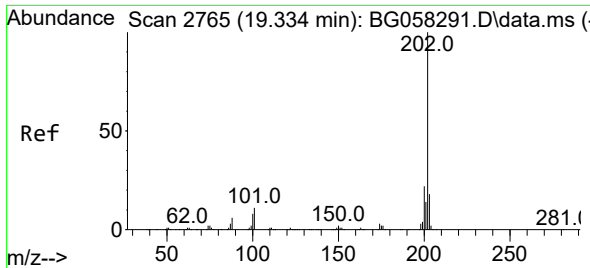
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

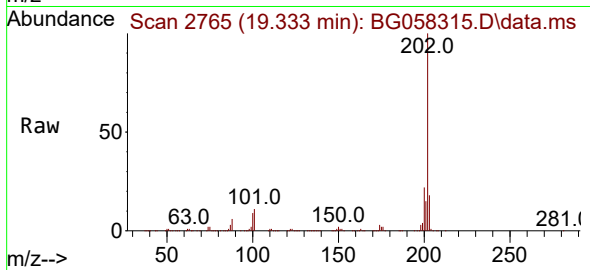
104 5.0 3.9 5.9



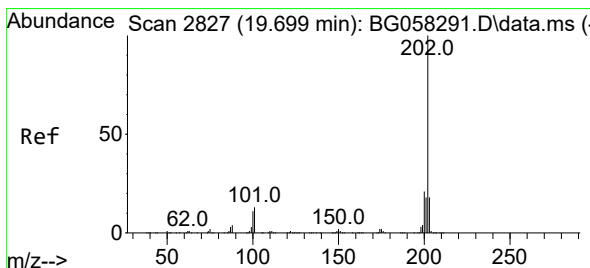
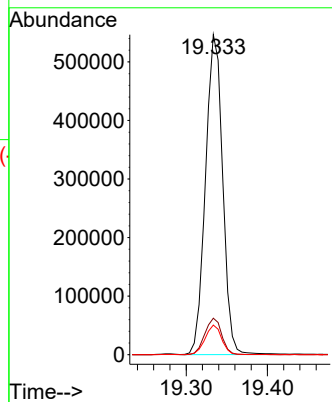
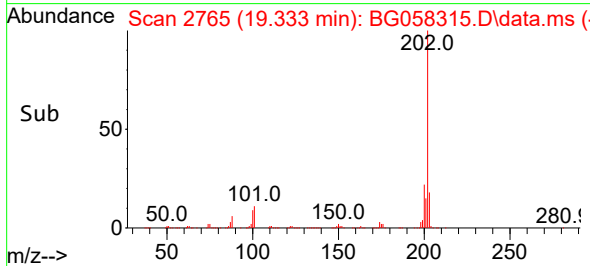


#80
 Fluoranthene
 Concen: 48.210 ng/ul
 RT: 19.333 min Scan# 2765
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

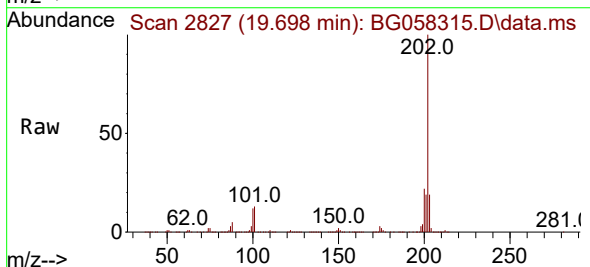
Instrument :
 BNA_M
 ClientSampleId :



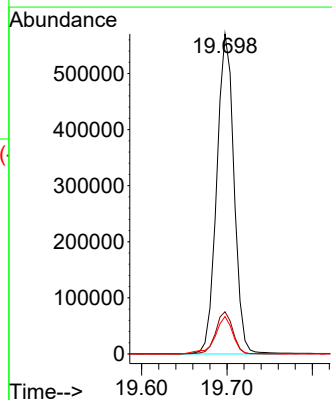
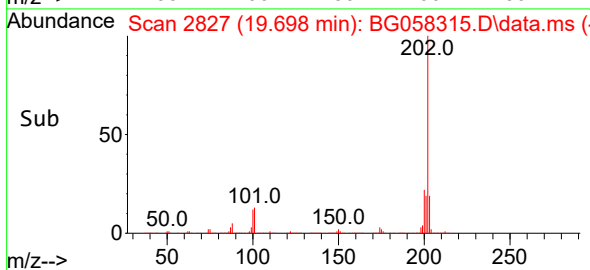
Tgt Ion:202 Resp: 801049
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.6 12.8
 100 9.2 7.2 10.8

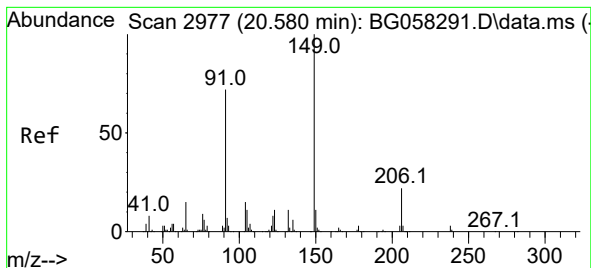


#82
 Pyrene
 Concen: 47.561 ng/ul
 RT: 19.698 min Scan# 2827
 Delta R.T. 0.001 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41



Tgt Ion:202 Resp: 800727
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 11.7 8.9 13.3





#83

Butylbenzylphthalate

Concen: 51.425 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058315.D

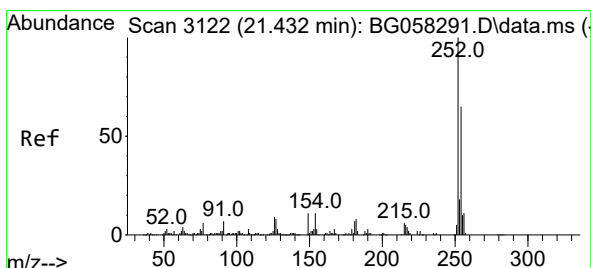
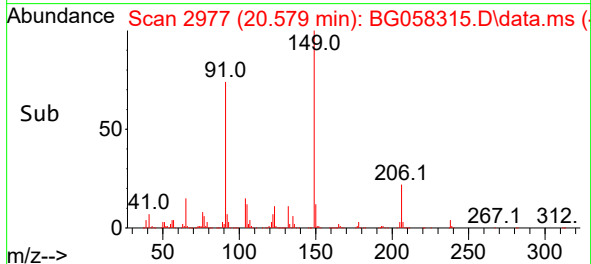
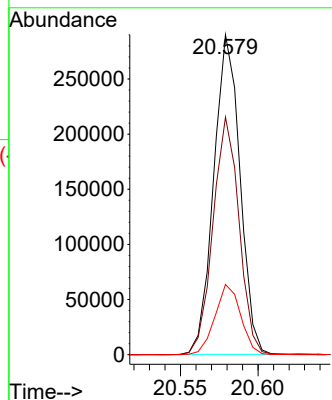
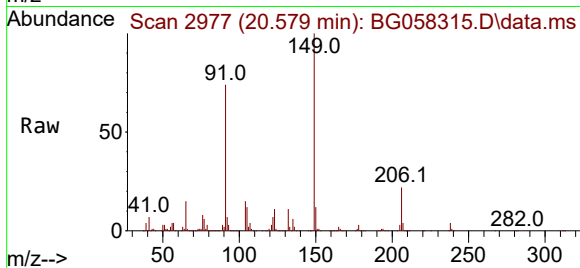
Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	340920
Ion Ratio	Lower	Upper	
149	100		
91	74.2	59.9	89.9
206	21.9	16.9	25.3



#84

3,3'-Dichlorobenzidine

Concen: 53.736 ng/ul

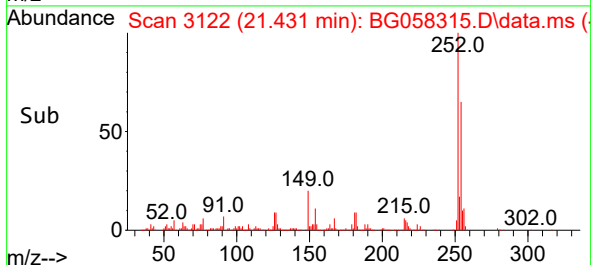
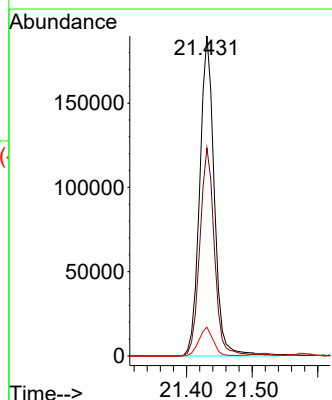
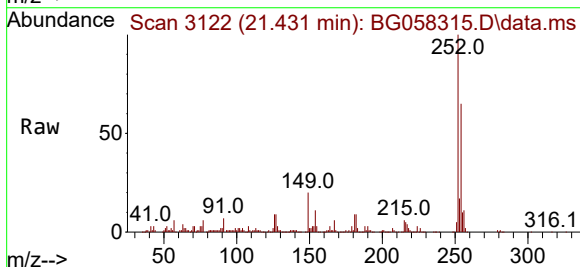
RT: 21.431 min Scan# 3122

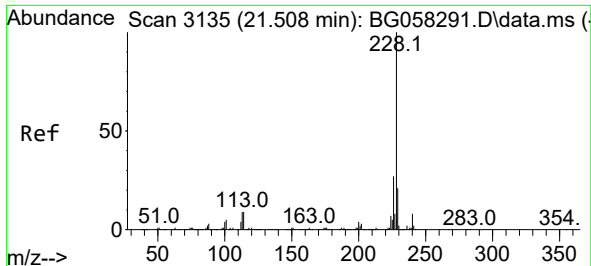
Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Tgt Ion:	252	Resp:	294566
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.5	75.7
126	9.0	6.5	9.7

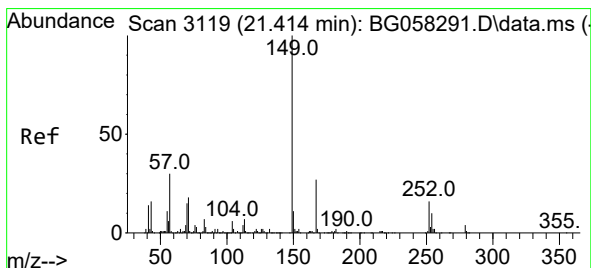
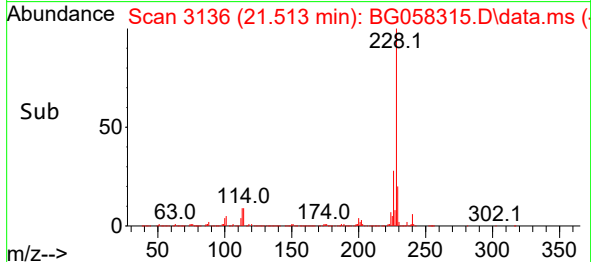
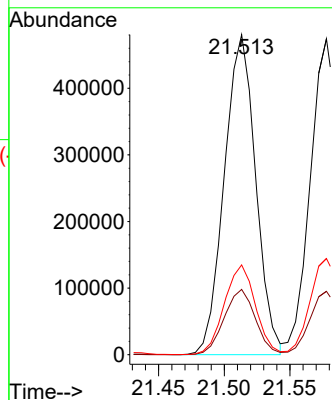
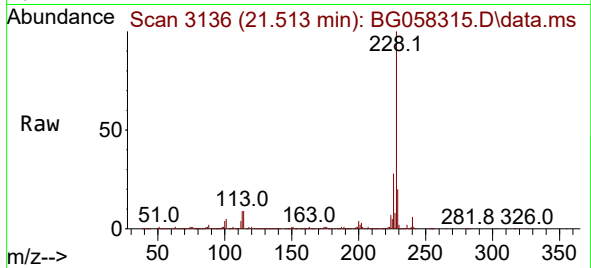




#85
Benzo(a)anthracene
Concen: 48.471 ng/ul
RT: 21.513 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

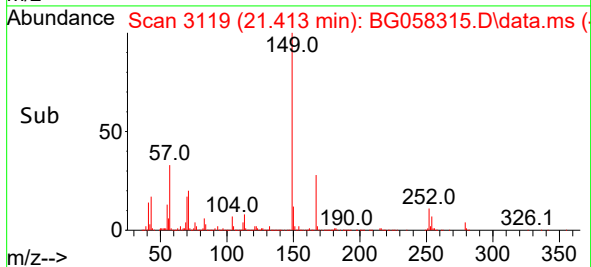
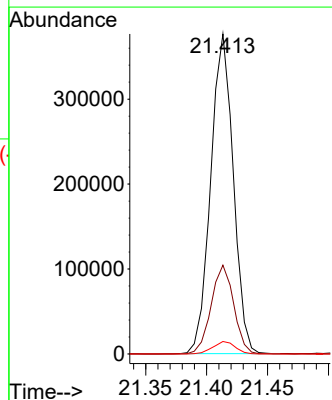
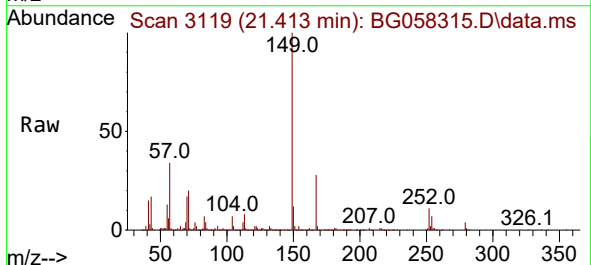
Instrument :
BNA_M
ClientSampleId :

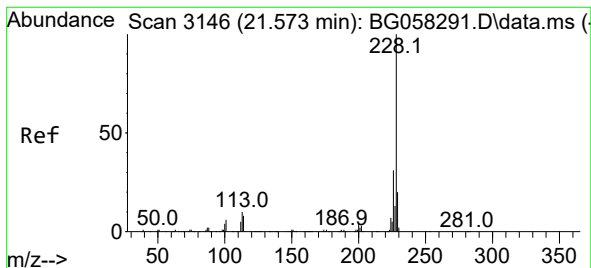
Tgt Ion:228 Resp: 800041
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.0 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 51.325 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:149 Resp: 483964
Ion Ratio Lower Upper
149 100
167 27.7 21.6 32.4
279 3.9 3.0 4.4





#87

Chrysene

Concen: 48.603 ng/ul

RT: 21.578 min Scan# 3146

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :

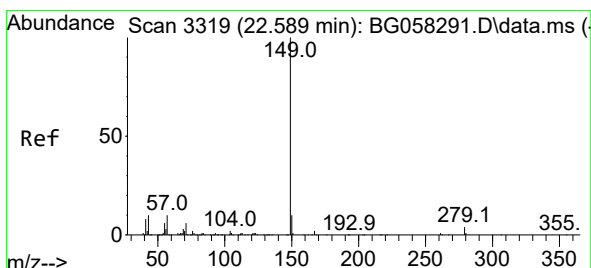
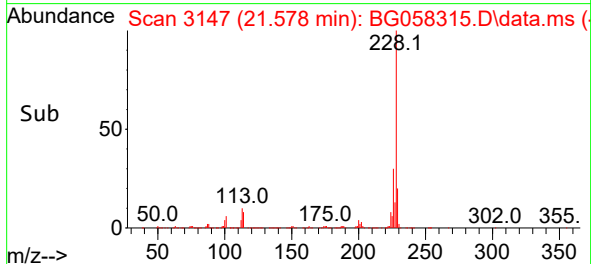
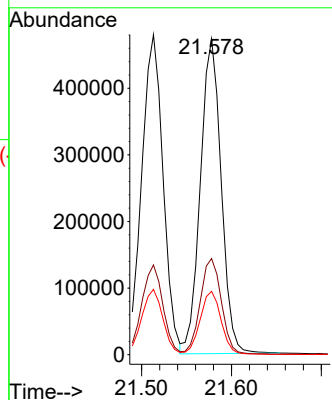
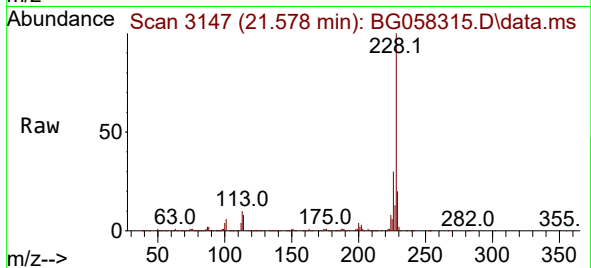
Tgt Ion:228 Resp: 760929

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.1 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 53.485 ng/ul

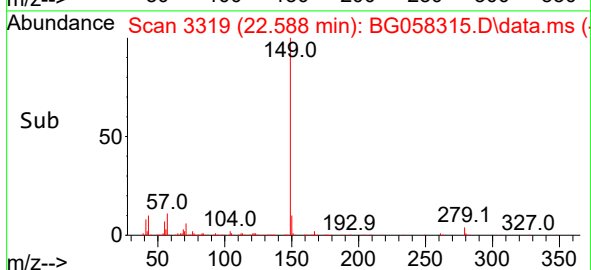
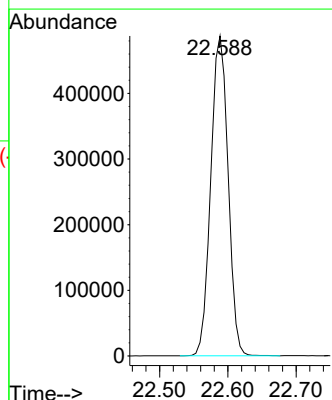
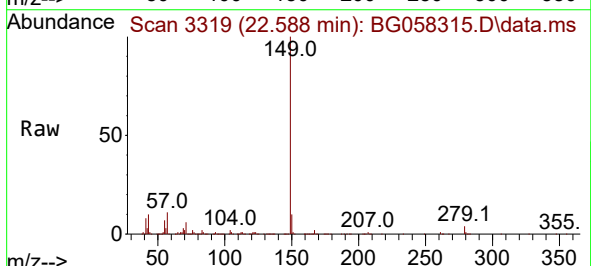
RT: 22.588 min Scan# 3319

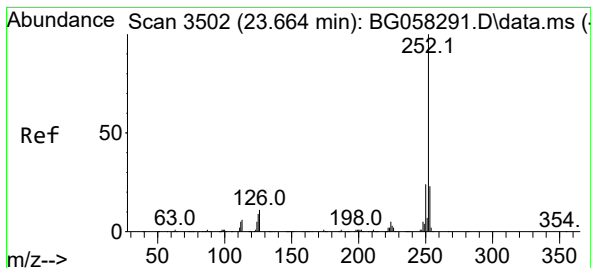
Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Tgt Ion:149 Resp: 860655





#90

Benzo(b)fluoranthene

Concen: 47.544 ng/ul

RT: 23.669 min Scan# 3502

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

Instrument :

BNA_M

ClientSampleId :

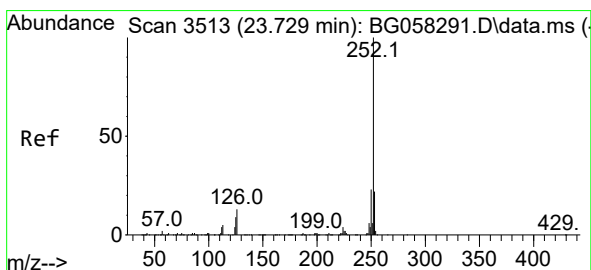
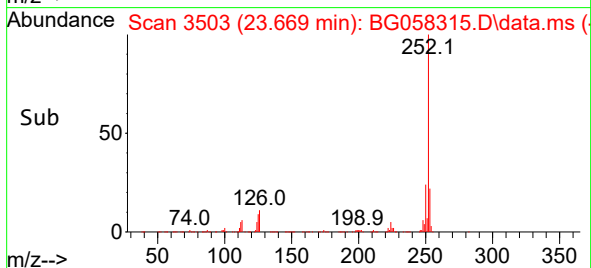
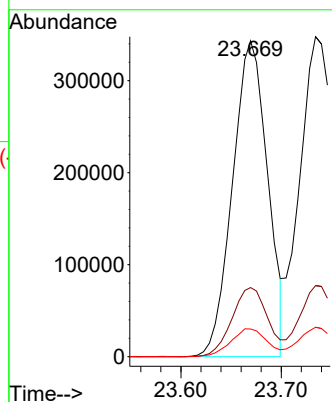
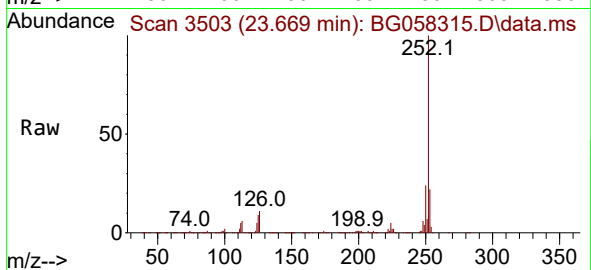
Tgt Ion:252 Resp: 831947

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 8.8 6.7 10.1



#91

Benzo(k)fluoranthene

Concen: 48.932 ng/ul

RT: 23.734 min Scan# 3514

Delta R.T. 0.001 min

Lab File: BG058315.D

Acq: 19 Jul 2023 00:41

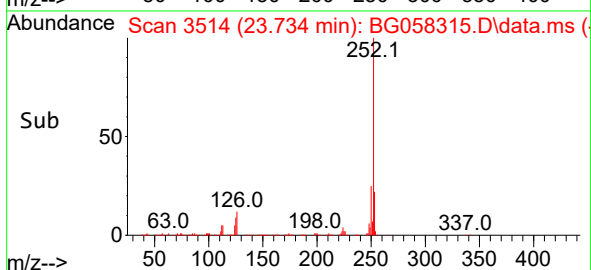
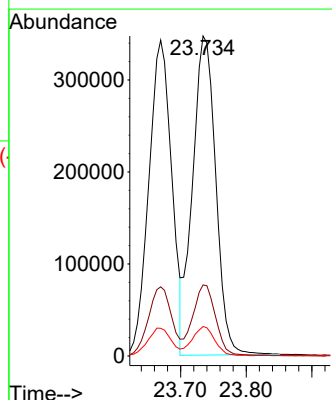
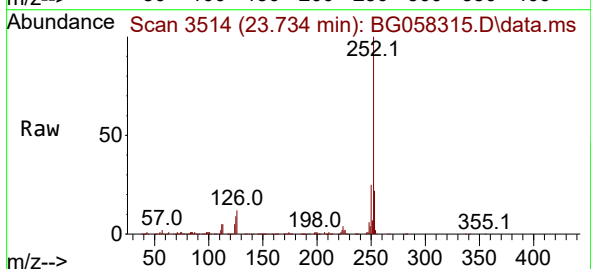
Tgt Ion:252 Resp: 853966

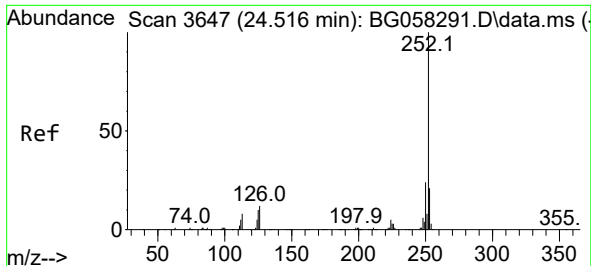
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 9.2 7.4 11.0

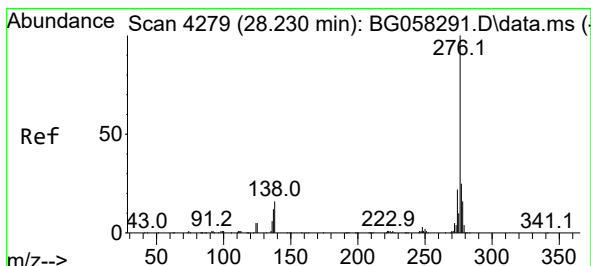
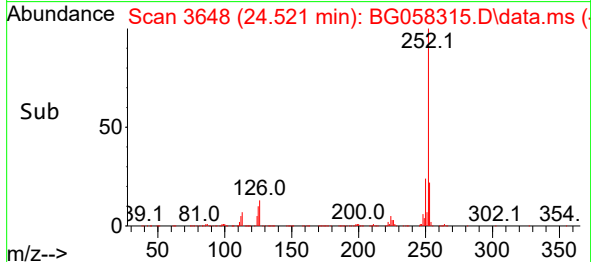
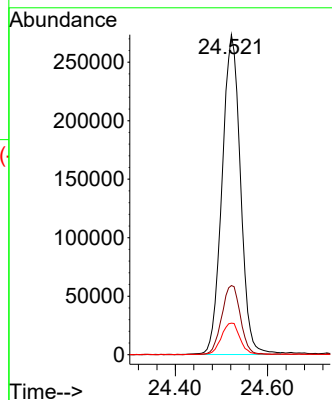
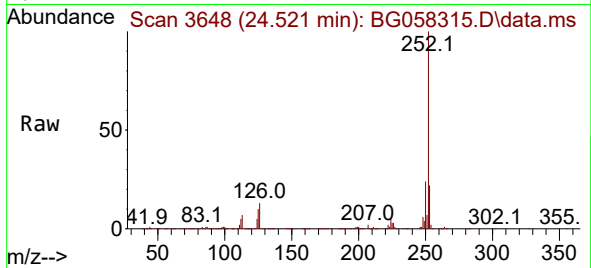




#93
Benzo(a)pyrene
Concen: 48.574 ng/ul
RT: 24.521 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

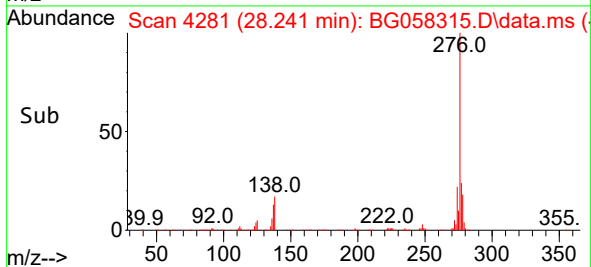
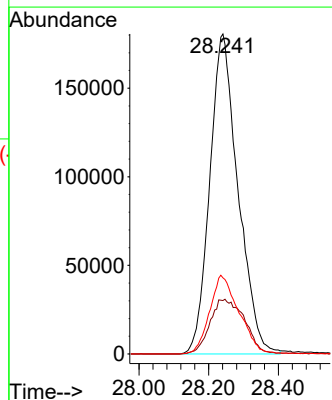
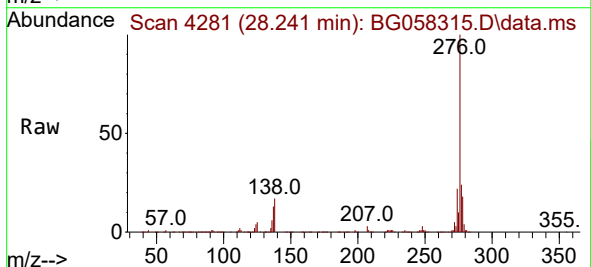
Instrument :
BNA_M
ClientSampleId :

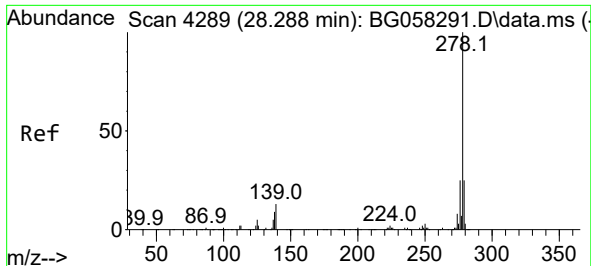
Tgt Ion:252 Resp: 755985
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.8 7.7 11.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 49.628 ng/ul
RT: 28.241 min Scan# 4281
Delta R.T. 0.013 min
Lab File: BG058315.D
Acq: 19 Jul 2023 00:41

Tgt Ion:276 Resp: 1017659
Ion Ratio Lower Upper
276 100
138 16.7 13.8 20.6
277 23.8 19.2 28.8

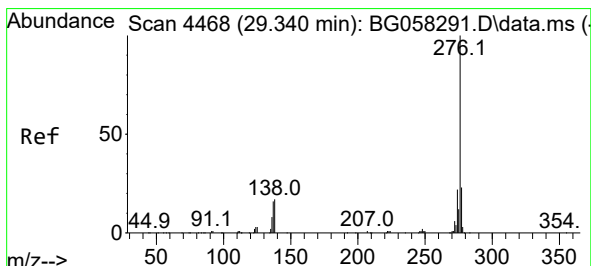
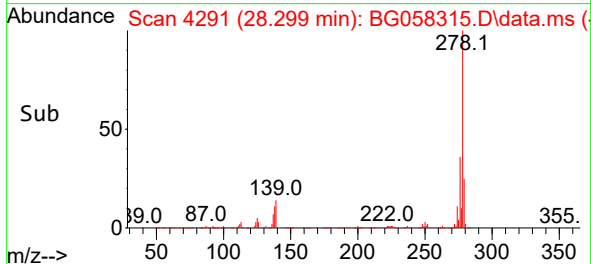
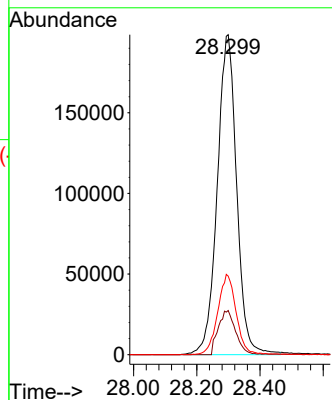
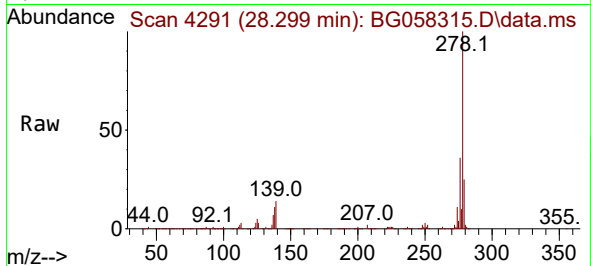




#95
 Dibenzo(a,h)anthracene
 Concen: 50.291 ng/ul
 RT: 28.299 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 845656
 Ion Ratio Lower Upper
 278 100
 139 13.8 10.4 15.6
 279 24.6 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 50.020 ng/ul
 RT: 29.357 min Scan# 4471
 Delta R.T. 0.007 min
 Lab File: BG058315.D
 Acq: 19 Jul 2023 00:41

Tgt Ion:276 Resp: 835677
 Ion Ratio Lower Upper
 276 100
 138 17.7 13.5 20.3
 277 23.3 19.4 29.2

