

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058393.D
 Acq On : 21 Jul 2023 18:45
 Operator : CG/JU
 Sample : 03504-22MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:18:28 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	7.893	152	47208	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	204335	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	133449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	287139	20.000	ng/u1	0.00
79) Chrysene-d12	21.530	240	237379	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	285319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	4765	3.715	ng/uL	0.00
4) Pyridine-d5	3.751	84	64732	17.003	ng/u1	0.00
7) Phenol-d5	7.065	99	52078	11.629	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	60646	21.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.429	132	57969	18.492	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	6742	1.974	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	36425	23.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.779	143	39245	23.471	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	46099	14.382	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	3173	0.683	ng/u1	0.01
46) Dimethylphthalate-d6	13.933	166	220063	21.385	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	139238	12.911	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	29236	18.812	ng/u1	0.00
60) Fluorene-d10	15.526	176	189179	22.205	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	20675	14.133	ng/u1	0.00
73) Anthracene-d10	17.376	188	142856	11.514	ng/u1	0.00
81) Pyrene-d10	19.668	212	39388	2.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	12516	0.908	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	14313	9.838	ng/uL#	84
5) Pyridine	3.775	79	19101	4.751	ng/u1#	87
6) Benzaldehyde	7.036	77	79212	43.798	ng/u1	96
8) Phenol	7.094	94	58418	12.561	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.318	93	89464	25.111	ng/u1	99
12) 2-Chlorophenol	7.465	128	65175	19.862	ng/u1	99
13) 2-Methylphenol	8.340	108	4859	1.341	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.422	45	147921	25.335	ng/u1	98
16) Acetophenone	8.716	105	145874	25.076	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.693	70	81038	25.453	ng/u1	97
18) 4-Methylphenol	8.675	108	29844	7.576	ng/u1	91
19) Hexachloroethane	8.975	117	2506	1.937	ng/u1#	84
22) Nitrobenzene	9.098	77	103284	25.287	ng/u1	99
23) Isophorone	9.615	82	203793	22.255	ng/u1	100
25) 2-Nitrophenol	9.809	139	48021	26.887	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.103	93	118685	24.473	ng/u1	96
29) 2,4-Dichlorophenol	10.349	162	48311	15.880	ng/u1	92
30) Naphthalene	10.749	128	196941	18.032	ng/u1	98
33) Hexachlorobutadiene	11.025	225	50480	23.205	ng/u1	96
34) Caprolactam	11.613	113	23603	18.679	ng/u1	93
35) 4-Chloro-3-methylphenol	11.989	107	19209	4.961	ng/u1	97
36) 2-Methylnaphthalene	12.359	142	177440	24.249	ng/u1	100
37) 1-Methylnaphthalene	12.576	142	164878	21.985	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	30674	7.940	ng/u1	98

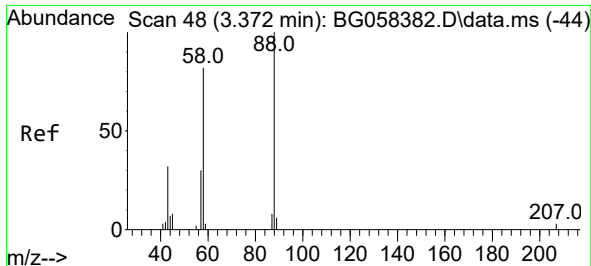
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058393.D
 Acq On : 21 Jul 2023 18:45
 Operator : CG/JU
 Sample : 03504-22MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:18:28 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

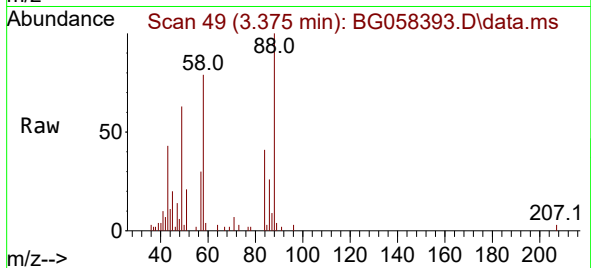
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.700	237	29073	13.993	ng/ul	95
41) 2,4,6-Trichlorophenol	12.970	196	41308	15.796	ng/ul	100
42) 2,4,5-Trichlorophenol	13.046	196	37974	13.618	ng/ul	96
43) 1,1'-Biphenyl	13.364	154	249315	27.629	ng/ul	97
44) 2-Chloronaphthalene	13.411	162	109565	15.271	ng/ul	99
45) 2-Nitroaniline	13.616	65	63432	25.453	ng/ul	97
47) Dimethylphthalate	13.986	163	251440	24.326	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	51699	25.883	ng/ul	94
50) Acenaphthylene	14.257	152	153775	13.210	ng/ul	99
51) 3-Nitroaniline	14.439	138	13777	8.277	ng/ul	88
52) Acenaphthene	14.597	153	145572	18.012	ng/ul	98
53) 2,4-Dinitrophenol	14.650	184	12958	12.190	ng/ul	92
55) 4-Nitrophenol	14.756	109	27757	23.191	ng/ul	93
56) Dibenzofuran	14.932	168	280318	24.358	ng/ul	100
57) 2,4-Dinitrotoluene	14.897	165	73865	25.640	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.161	232	39047	15.156	ng/ul#	94
59) Diethylphthalate	15.344	149	258940	24.317	ng/ul	100
61) Fluorene	15.579	166	242729	25.720	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	126020	25.153	ng/ul	98
63) 4-Nitroaniline	15.602	138	21041	13.970	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.661	198	25382	16.864	ng/ul	93
67) N-Nitrosodiphenylamine	15.784	169	97716	13.729	ng/ul	100
68) 4-Bromophenyl-phenylether	16.466	248	84336	27.730	ng/ul	96
69) Hexachlorobenzene	16.583	284	6974	2.032	ng/ul	95
70) Atrazine	16.730	200	60690	21.748	ng/ul	97
71) Pentachlorophenol	16.930	266	16342	8.483	ng/ul	94
72) Phenanthrene	17.324	178	279128	20.456	ng/ul	98
74) Anthracene	17.412	178	172090	12.562	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	21786	6.049	ng/uL	98
76) Pentachlorobenzene	14.850	250	16750	4.253	ng/uL	96
77) Carbazole	17.682	167	39307	3.310	ng/ul	99
78) Di-n-butylphthalate	18.234	149	454631	30.130	ng/ul	99
80) Fluoranthene	19.333	202	325622	20.273	ng/ul	100
82) Pyrene	19.697	202	46663	2.867	ng/ul	99
83) Butylbenzylphthalate	20.579	149	200333	31.261	ng/ul	99
85) Benzo(a)anthracene	21.513	228	303161	19.001	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	311425	34.166	ng/ul	98
87) Chrysene	21.577	228	228669	15.110	ng/ul	99
89) Di-n-octyl phthalate	22.582	149	497693	32.784	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	226059	13.694	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	252416	15.331	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.293	276	96490	4.988	ng/ul#	73
95) Dibenzo(a,h)anthracene	28.293	278	307232	19.367	ng/ul	98

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

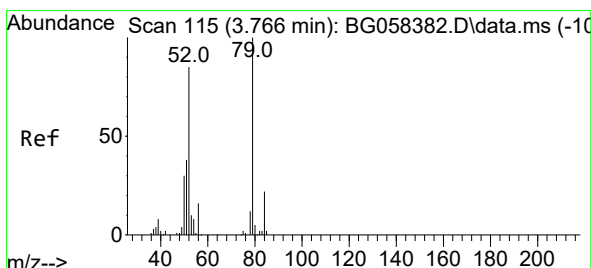
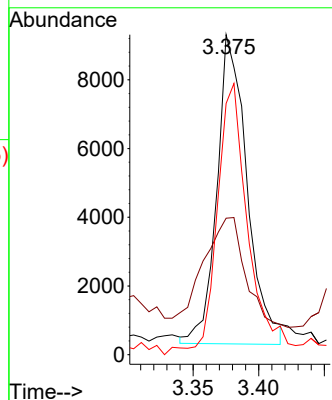
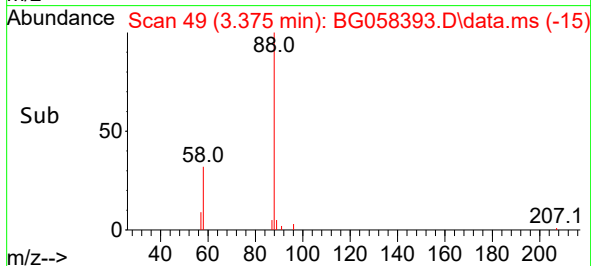


#2
1,4-Dioxane
Concen: 9.838 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. 0.000 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

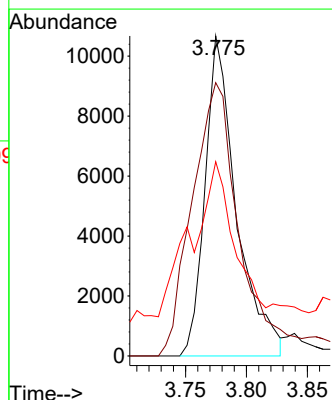
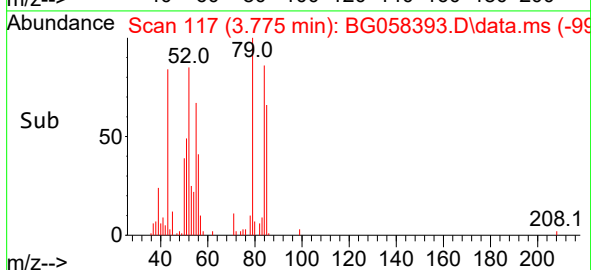
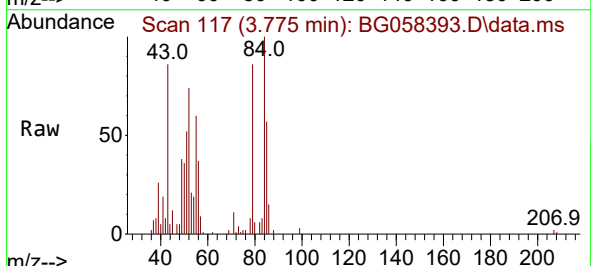


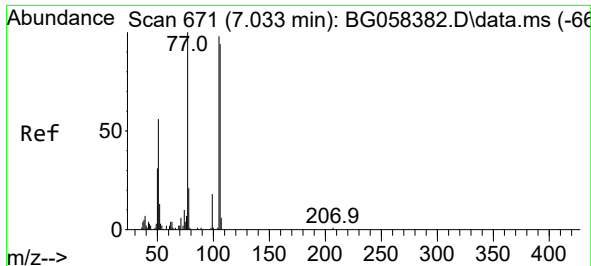
Tgt Ion: 88 Resp: 14313
Ion Ratio Lower Upper
88 100
43 42.7 19.6 29.4#
58 78.5 70.2 105.4



#5
Pyridine
Concen: 4.751 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. 0.006 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 79 Resp: 19101
Ion Ratio Lower Upper
79 100
52 85.4 72.3 108.5
51 60.7 33.4 50.0#

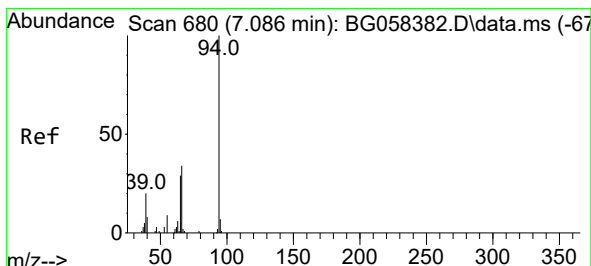
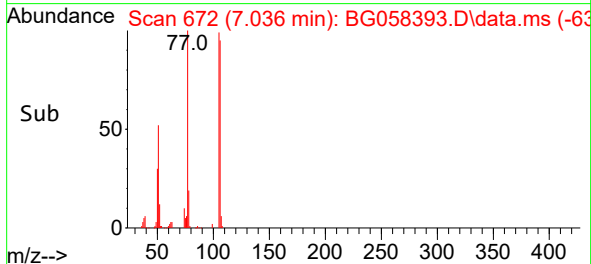
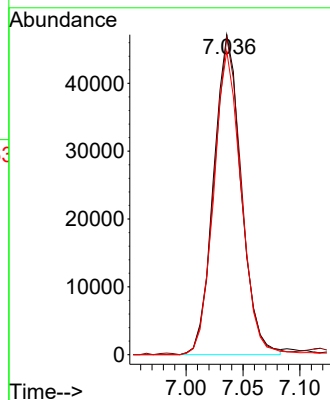
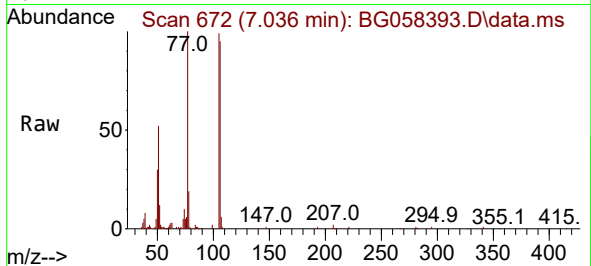




#6
Benzaldehyde
Concen: 43.798 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

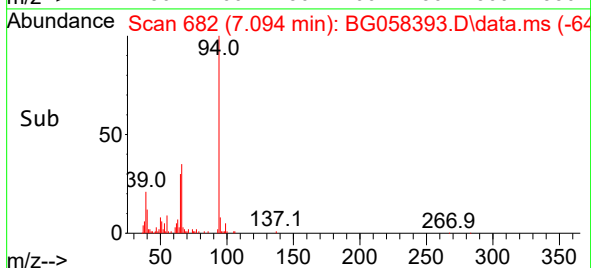
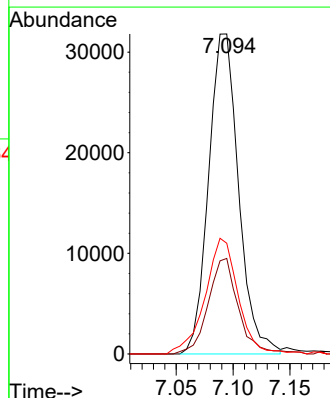
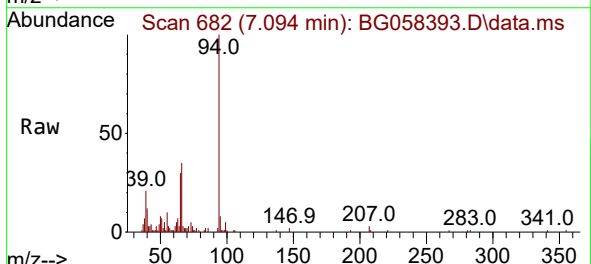
Instrument :
BNA_G
ClientSampleId :

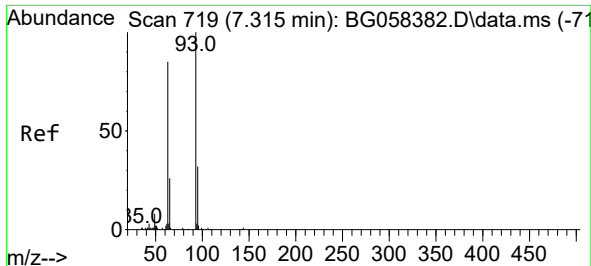
Tgt Ion: 77 Resp: 79212
Ion Ratio Lower Upper
77 100
105 99.2 78.2 117.4
106 94.9 71.6 107.4



#8
Phenol
Concen: 12.561 ng/ul
RT: 7.094 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 94 Resp: 58418
Ion Ratio Lower Upper
94 100
65 29.9 23.8 35.8
66 34.6 31.2 46.8

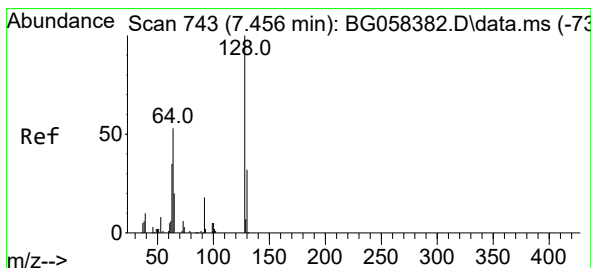
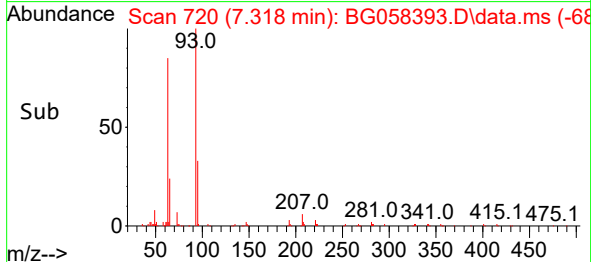
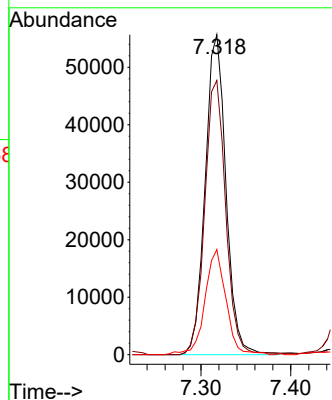
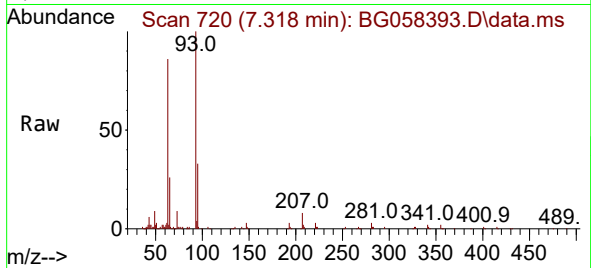




#10
 Bis(2-Chloroethyl)ether
 Concen: 25.111 ng/ul
 RT: 7.318 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

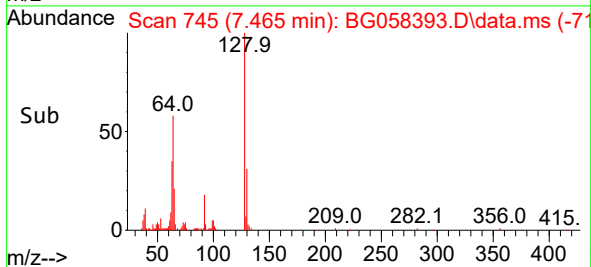
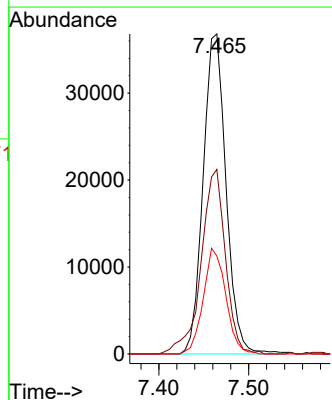
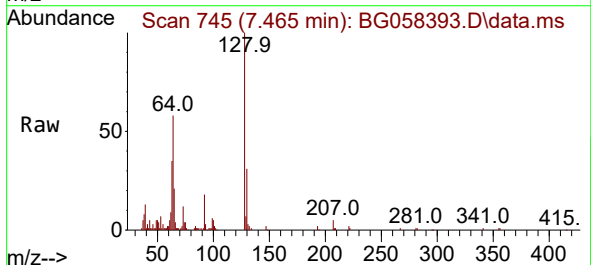
Instrument :
 BNA_G
 ClientSampleId :

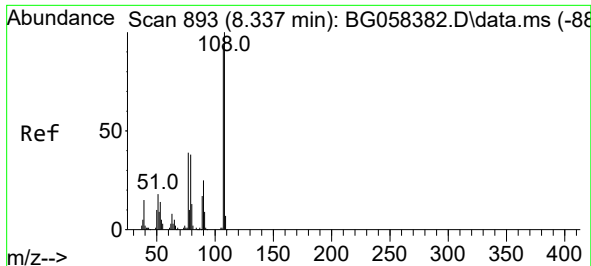
Tgt Ion: 93 Resp: 89464
 Ion Ratio Lower Upper
 93 100
 63 85.7 67.7 101.5
 95 32.8 27.0 40.6



#12
 2-Chlorophenol
 Concen: 19.862 ng/ul
 RT: 7.465 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion: 128 Resp: 65175
 Ion Ratio Lower Upper
 128 100
 64 57.6 45.6 68.4
 130 30.6 25.2 37.8

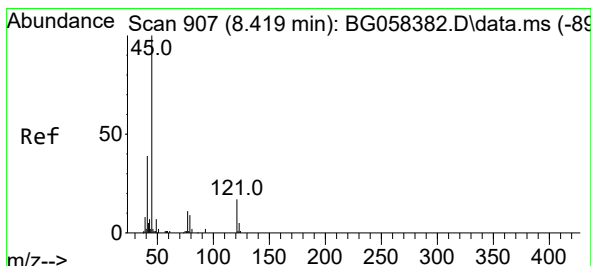
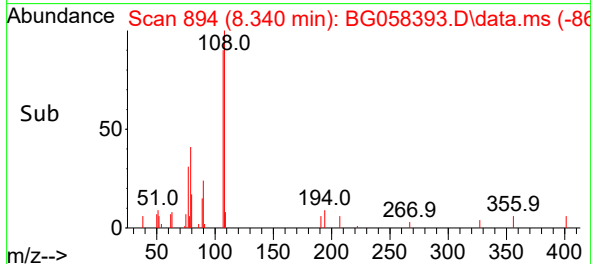
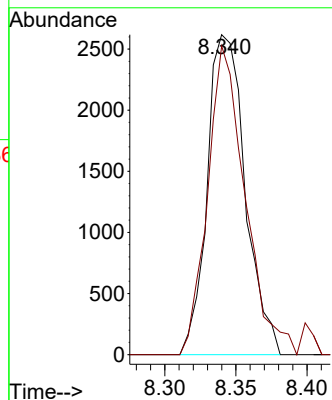
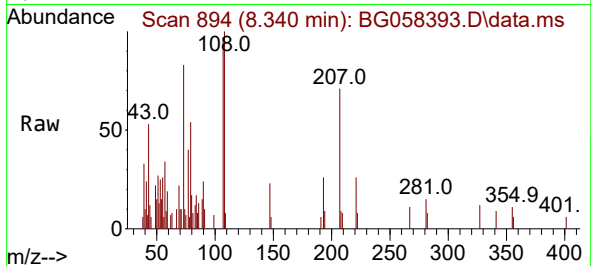




#13
2-Methylphenol
Concen: 1.341 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

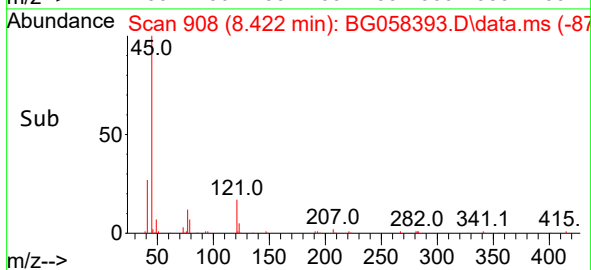
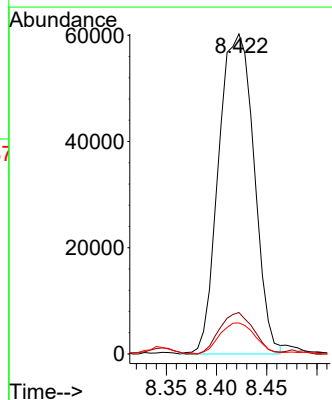
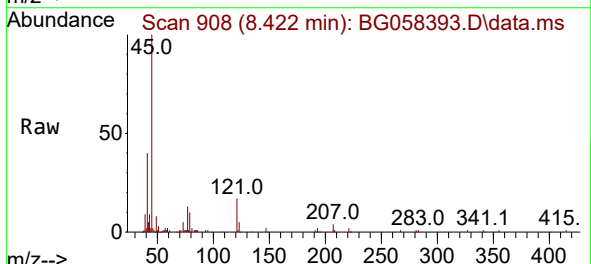
Instrument :
BNA_G
ClientSampleId :

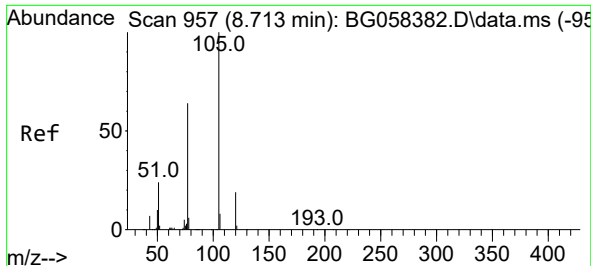
Tgt Ion:108 Resp: 4859
Ion Ratio Lower Upper
108 100
107 96.5 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.335 ng/ul
RT: 8.422 min Scan# 908
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 45 Resp: 147921
Ion Ratio Lower Upper
45 100
77 12.9 9.4 14.2
79 9.7 7.4 11.2

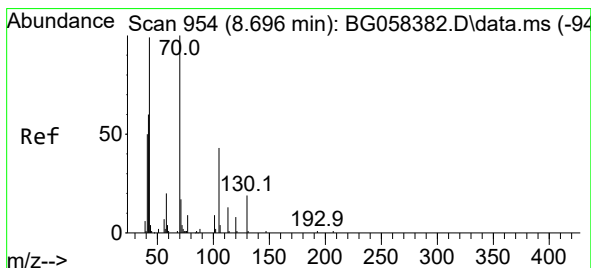
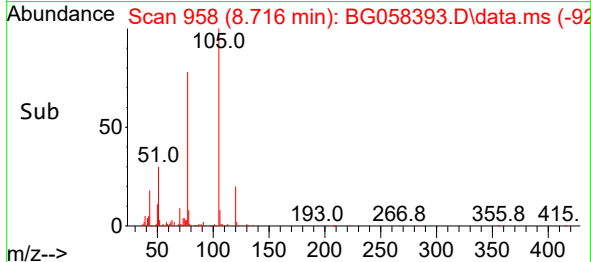
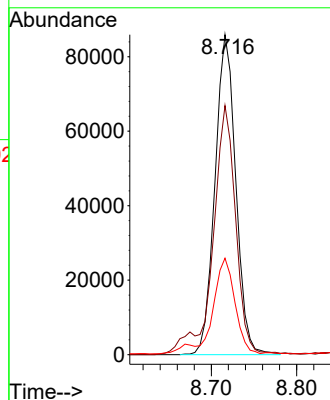
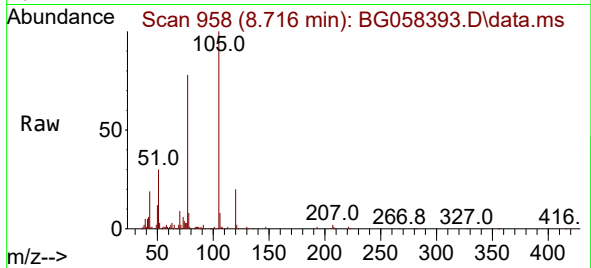




#16
Acetophenone
Concen: 25.076 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

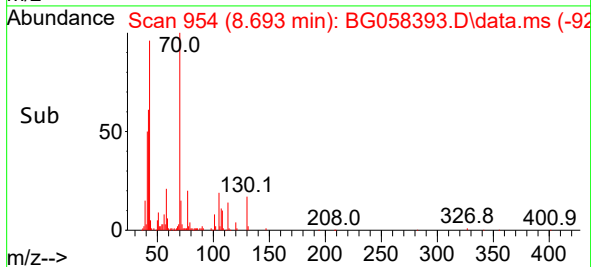
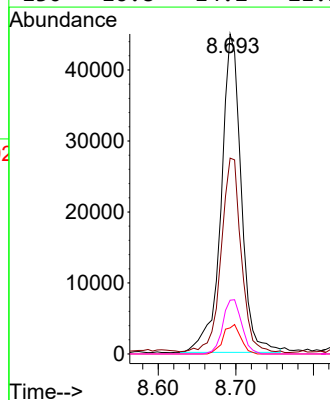
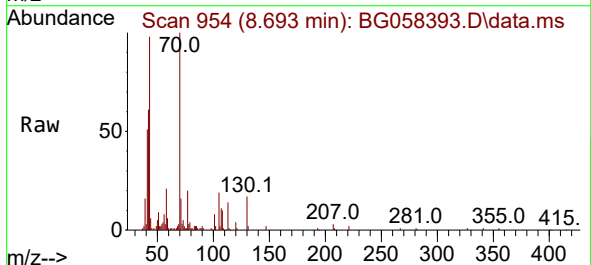
Instrument :
BNA_G
ClientSampleId :

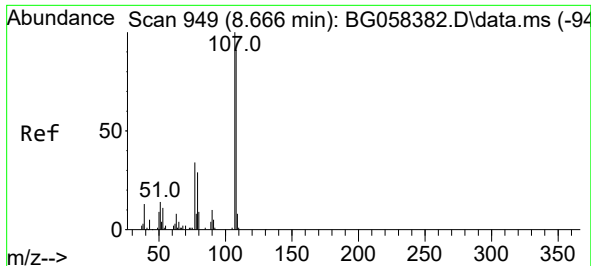
Tgt Ion:105 Resp: 145874
Ion Ratio Lower Upper
105 100
77 77.8 60.7 91.1
51 30.1 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 25.453 ng/ul
RT: 8.693 min Scan# 954
Delta R.T. -0.011 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

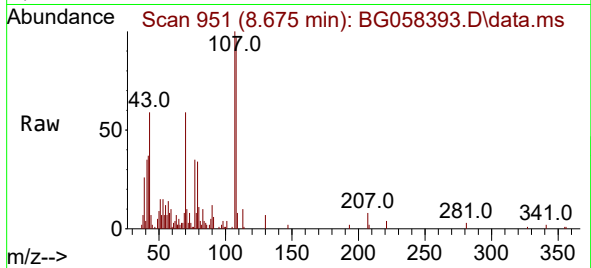
Tgt Ion: 70 Resp: 81038
Ion Ratio Lower Upper
70 100
42 61.2 46.6 69.8
101 8.1 7.3 10.9
130 16.8 14.2 21.2



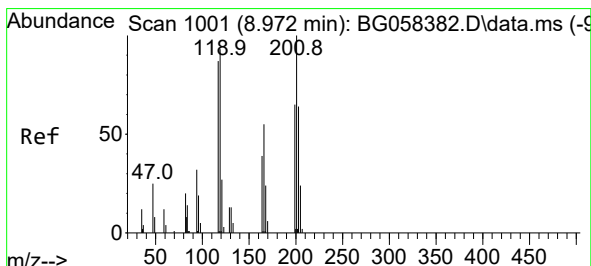
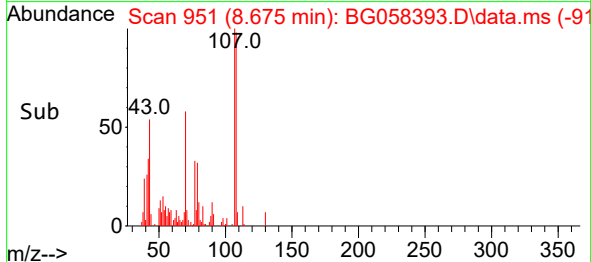
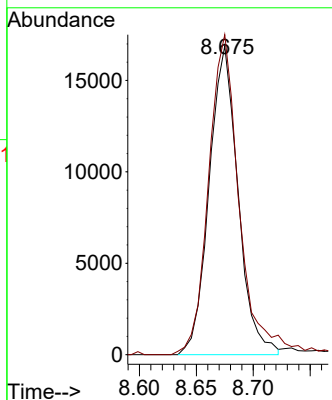


#18
4-Methylphenol
Concen: 7.576 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

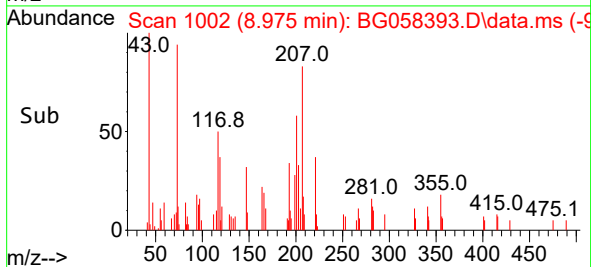
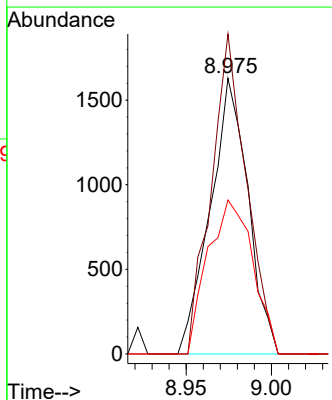
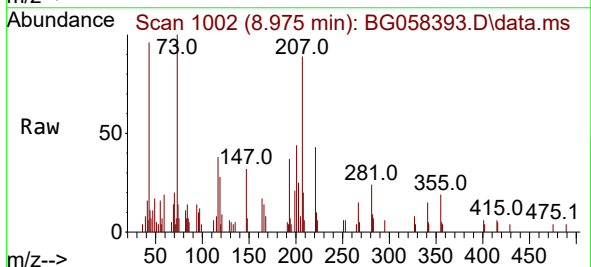


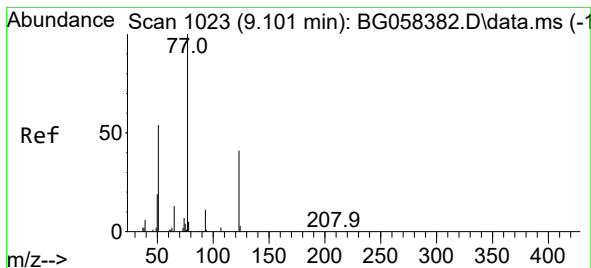
Tgt Ion:108 Resp: 29844
Ion Ratio Lower Upper
108 100
107 103.6 90.6 136.0



#19
Hexachloroethane
Concen: 1.937 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:117 Resp: 2506
Ion Ratio Lower Upper
117 100
201 116.1 103.6 155.4
199 55.8 60.1 90.1#

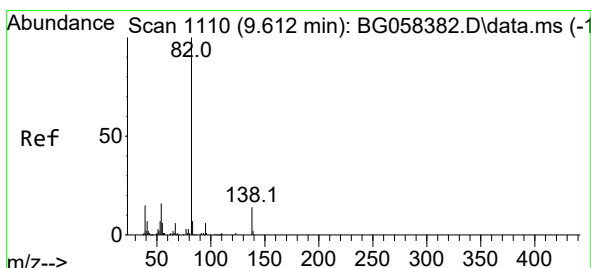
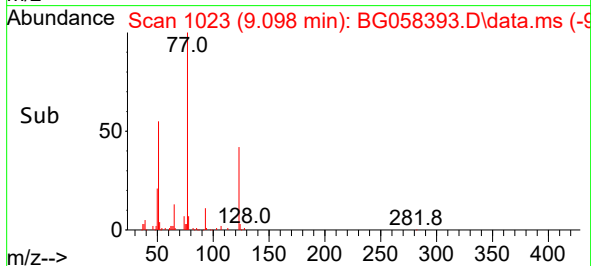
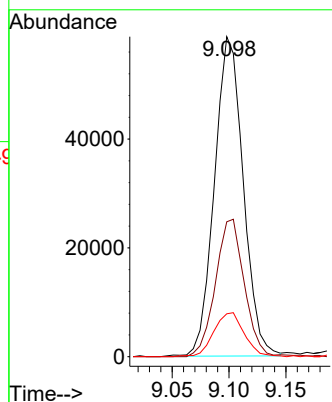
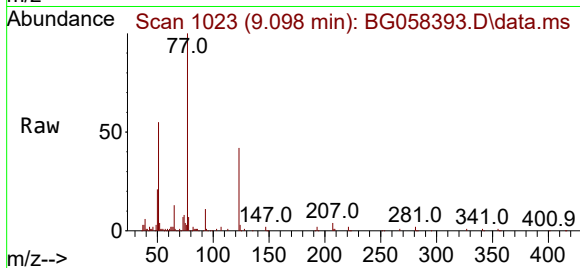




#22
Nitrobenzene
Concen: 25.287 ng/ul
RT: 9.098 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

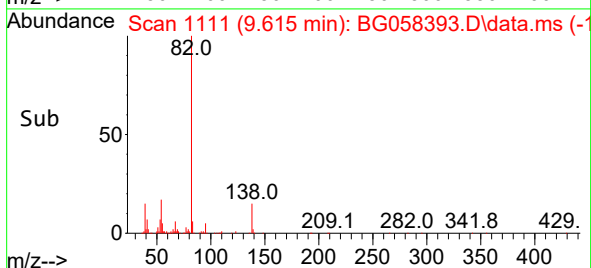
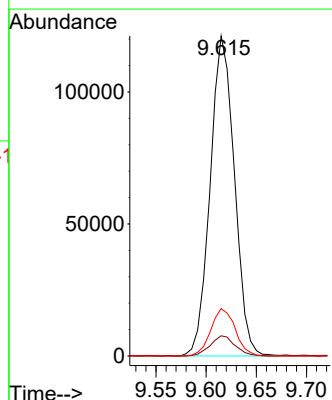
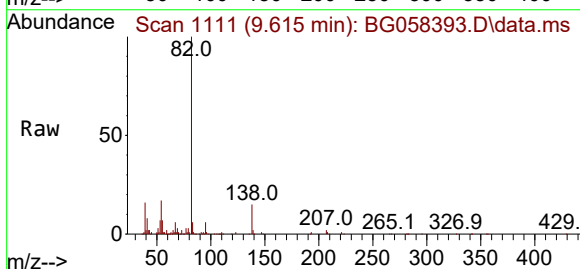
Instrument :
BNA_G
ClientSampleId :

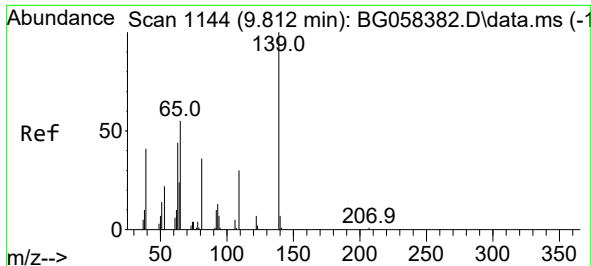
Tgt Ion: 77 Resp: 103284
Ion Ratio Lower Upper
77 100
123 42.1 34.0 51.0
65 13.4 11.0 16.6



#23
Isophorone
Concen: 22.255 ng/ul
RT: 9.615 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 82 Resp: 203793
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 14.8 11.9 17.9

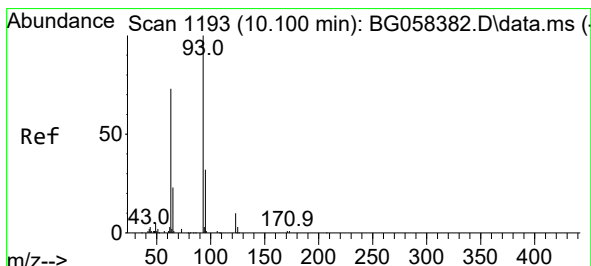
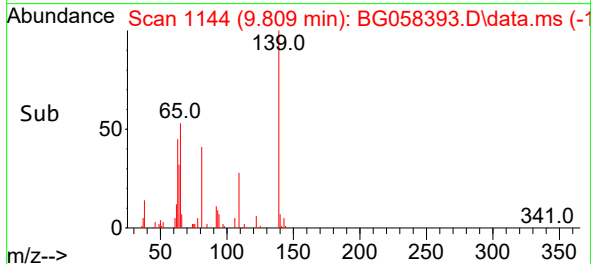
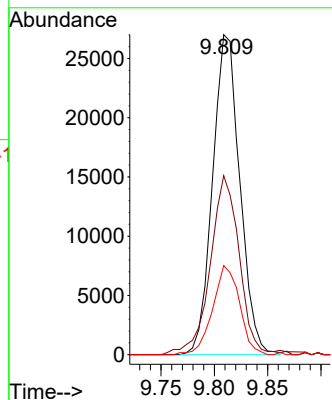
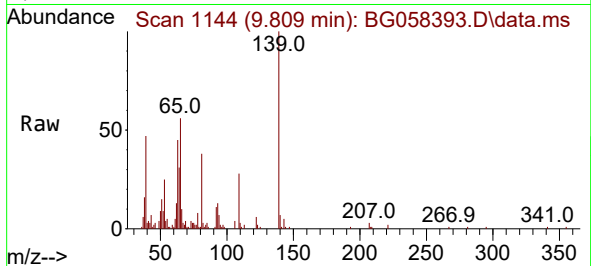




#25
2-Nitrophenol
Concen: 26.887 ng/ul
RT: 9.809 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

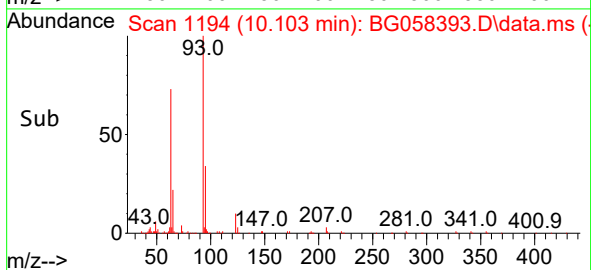
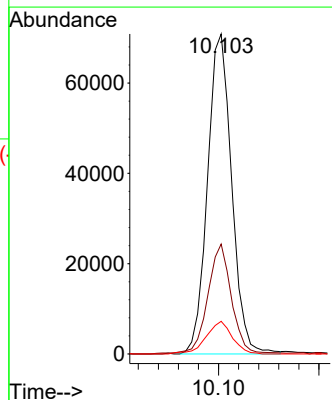
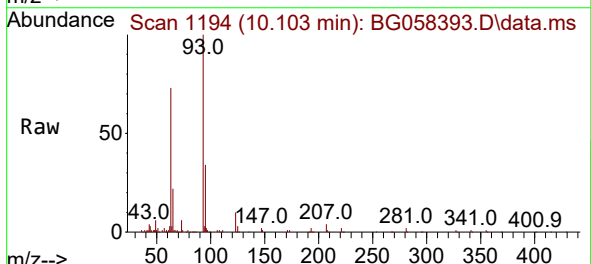
Instrument :
BNA_G
ClientSampleId :

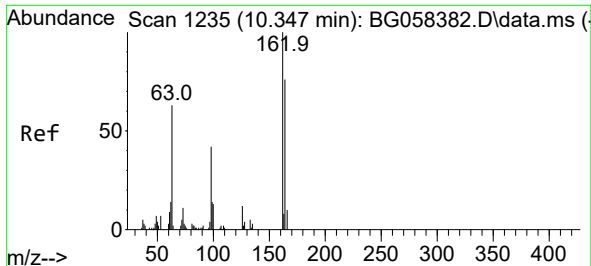
Tgt Ion:139 Resp: 48021
Ion Ratio Lower Upper
139 100
65 56.0 49.2 73.8
109 27.8 21.6 32.4



#27
Bis(2-Chloroethoxy)methane
Concen: 24.473 ng/ul
RT: 10.103 min Scan# 1194
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 93 Resp: 118685
Ion Ratio Lower Upper
93 100
95 34.3 25.8 38.8
123 10.2 9.3 13.9

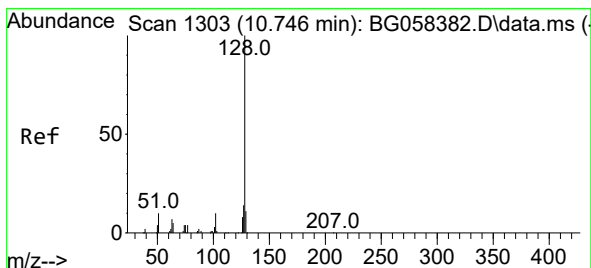
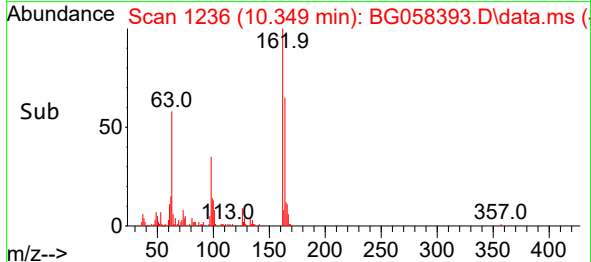
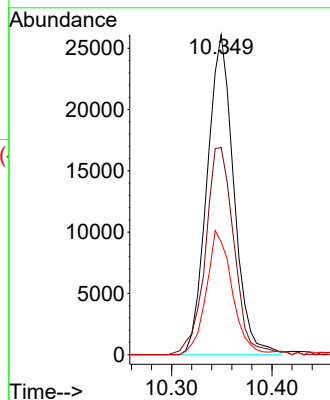
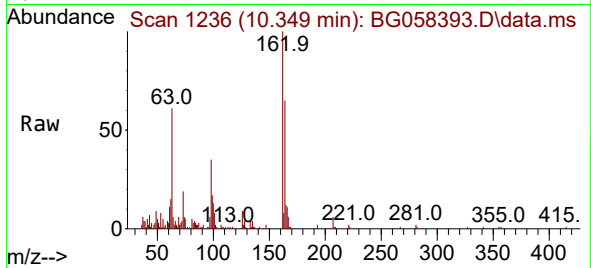




#29
2,4-Dichlorophenol
Concen: 15.880 ng/ul
RT: 10.349 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

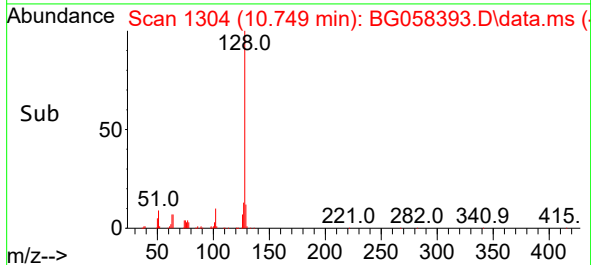
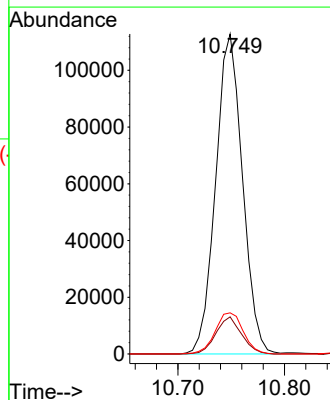
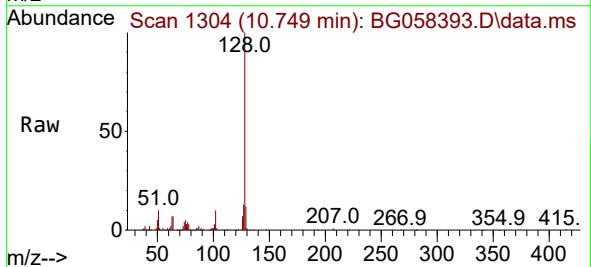
Instrument :
BNA_G
ClientSampleId :

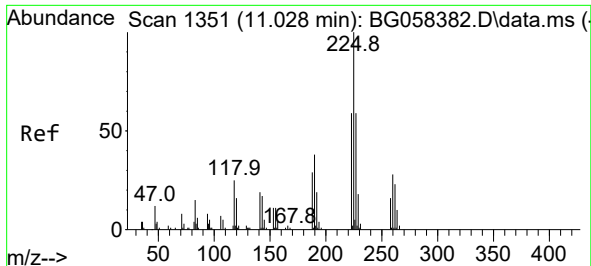
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	58.4	87.6
98	35.3	29.6	44.4



#30
Naphthalene
Concen: 18.032 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

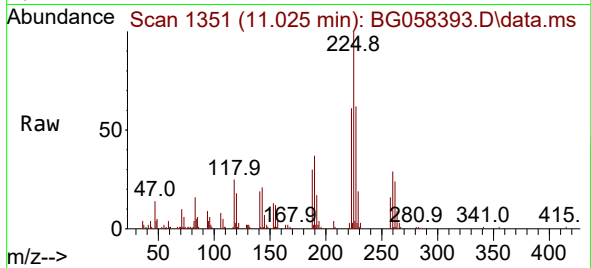
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.9	10.8	16.2



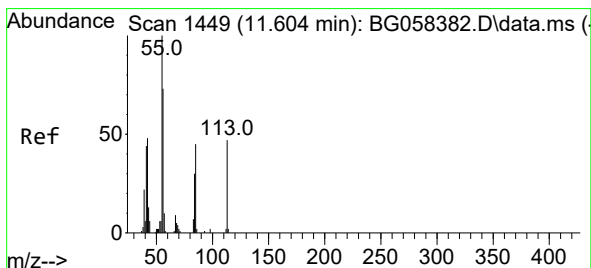
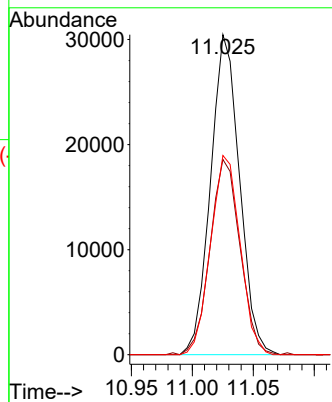
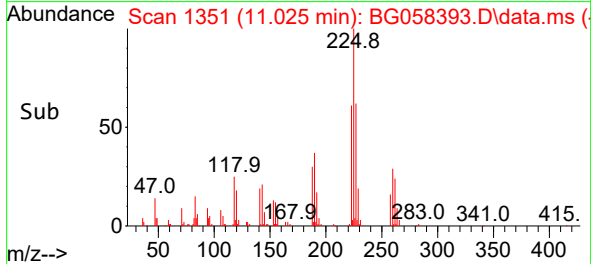


#33
Hexachlorobutadiene
Concen: 23.205 ng/ul
RT: 11.025 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

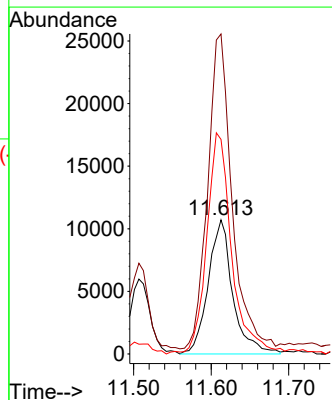
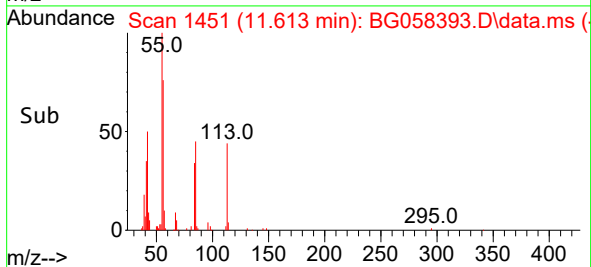
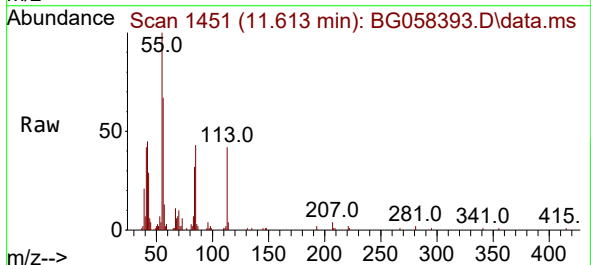


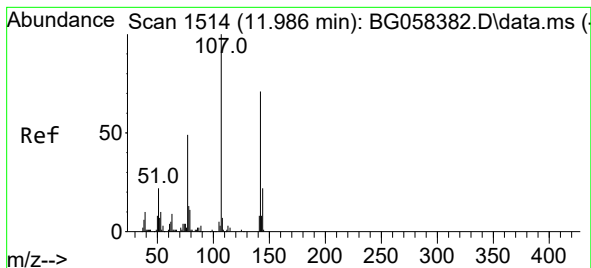
Tgt Ion:225 Resp: 50480
Ion Ratio Lower Upper
225 100
223 63.8 49.7 74.5
227 62.3 53.2 79.8



#34
Caprolactam
Concen: 18.679 ng/ul
RT: 11.613 min Scan# 1451
Delta R.T. -0.023 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:113 Resp: 23603
Ion Ratio Lower Upper
113 100
55 238.7 179.8 269.6
56 160.1 132.2 198.4

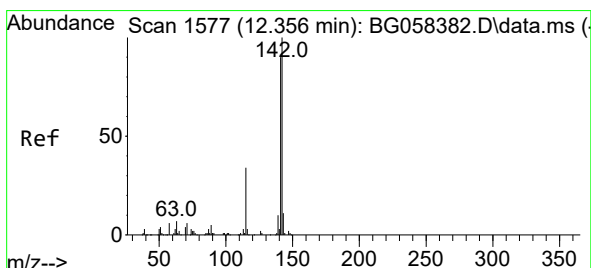
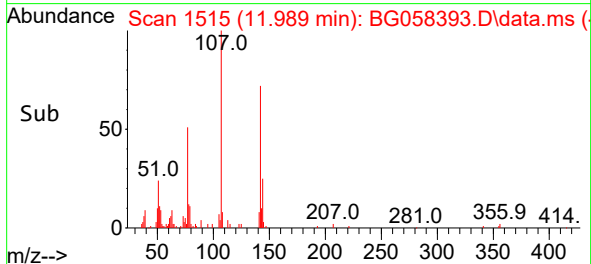
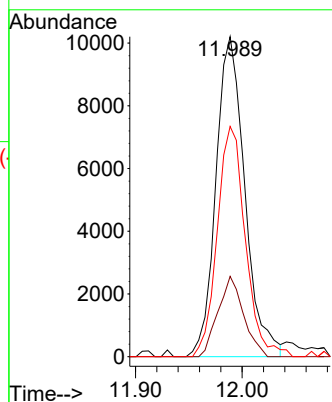
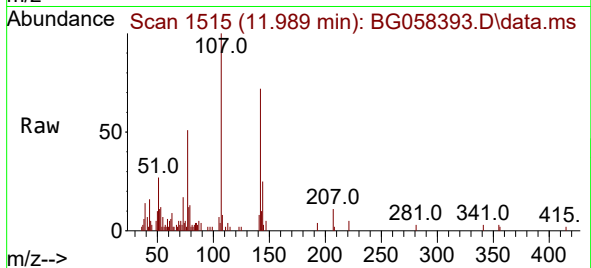




#35
 4-Chloro-3-methylphenol
 Concen: 4.961 ng/ul
 RT: 11.989 min Scan# 1515
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

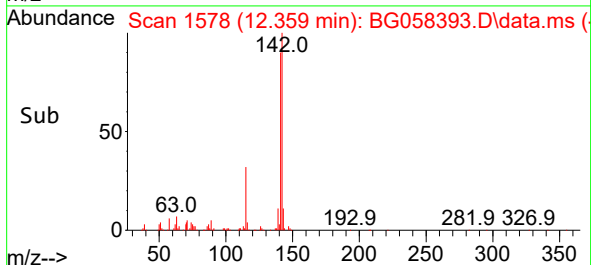
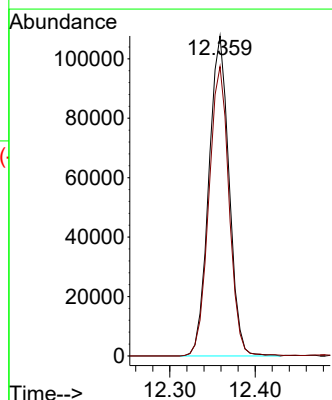
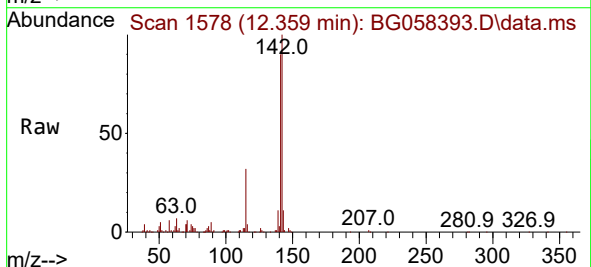
Instrument :
 BNA_G
 ClientSampleId :

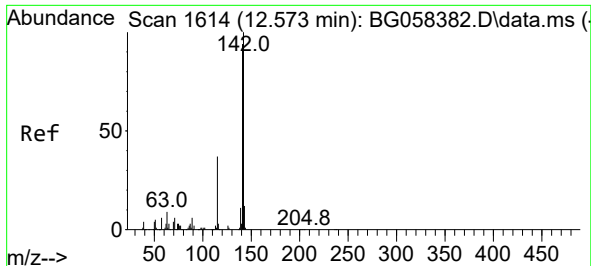
Tgt Ion:107 Resp: 19209
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.6
 142 71.9 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 24.249 ng/ul
 RT: 12.359 min Scan# 1578
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion:142 Resp: 177440
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.6 108.8





#37

1-Methylnaphthalene

Concen: 21.985 ng/ul

RT: 12.576 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

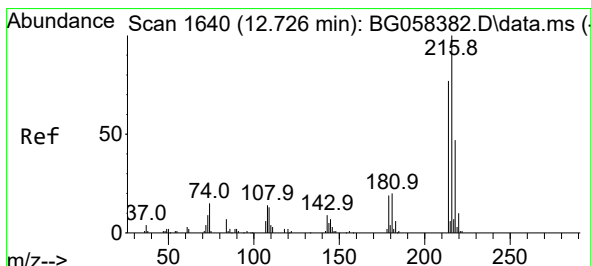
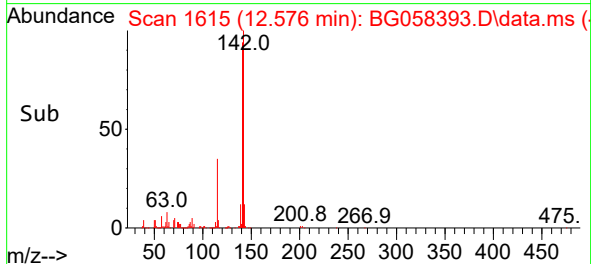
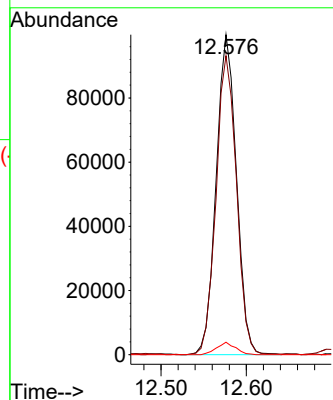
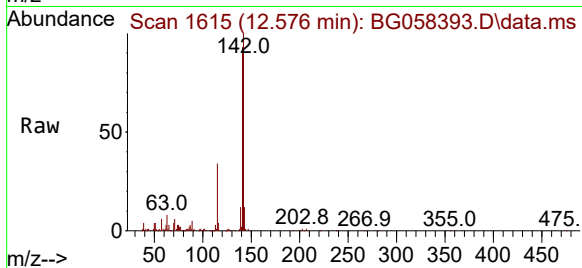
Tgt Ion:142 Resp: 164878

Ion Ratio Lower Upper

142 100

141 93.4 75.8 113.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.940 ng/ul

RT: 12.729 min Scan# 1641

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Tgt Ion:216 Resp: 30674

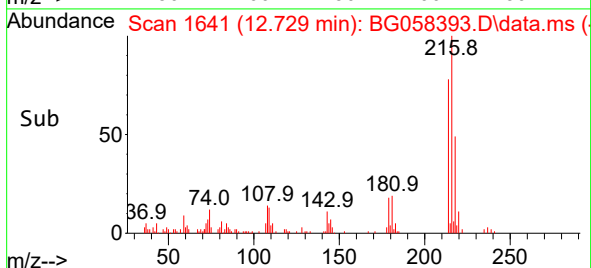
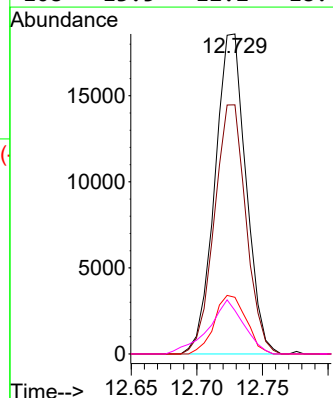
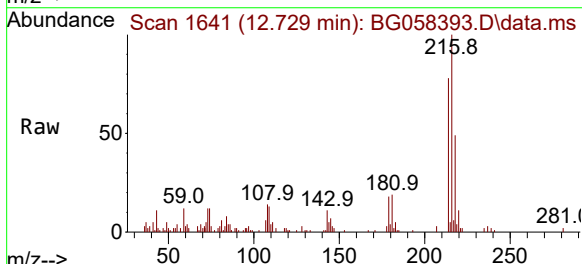
Ion Ratio Lower Upper

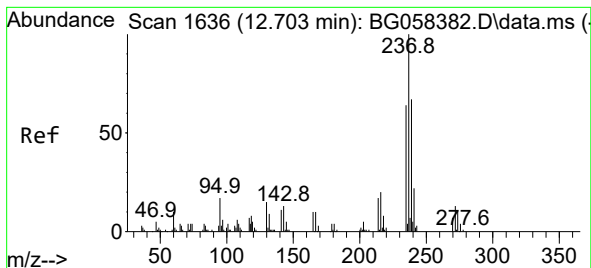
216 100

214 77.9 62.2 93.4

179 17.7 16.2 24.2

108 13.5 12.2 18.4





#40

Hexachlorocyclopentadiene

Concen: 13.993 ng/ul

RT: 12.700 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

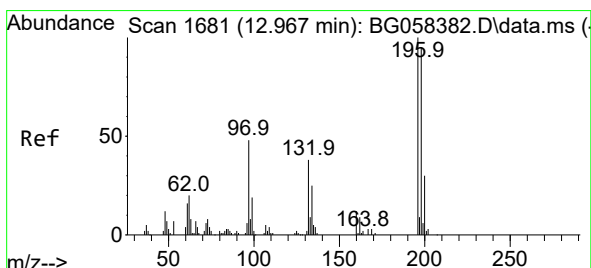
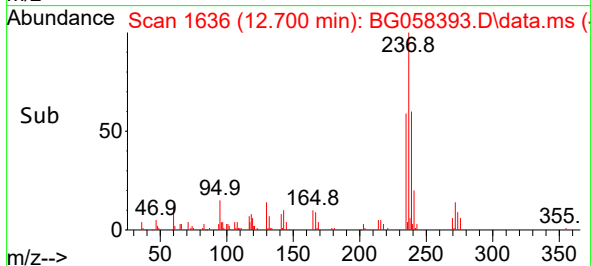
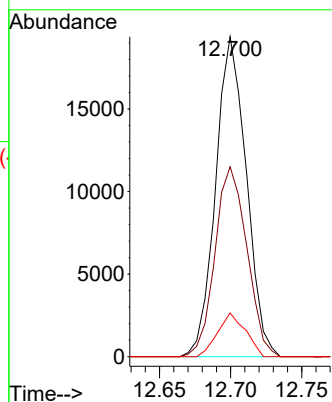
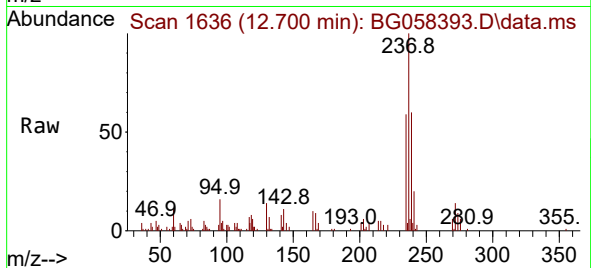
Tgt Ion:237 Resp: 29073

Ion Ratio Lower Upper

237 100

235 59.4 50.9 76.3

272 13.7 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 15.796 ng/ul

RT: 12.970 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

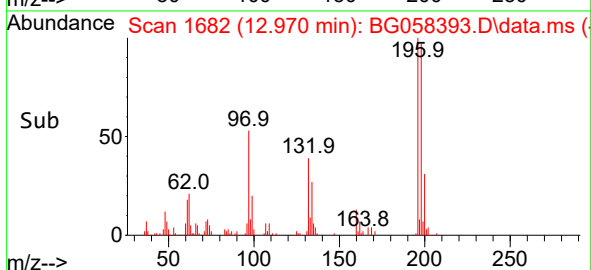
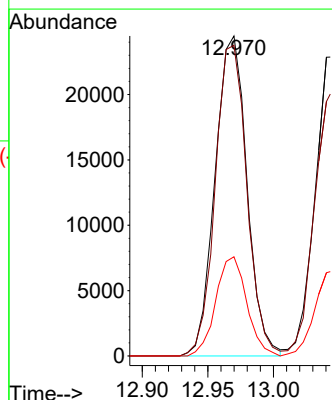
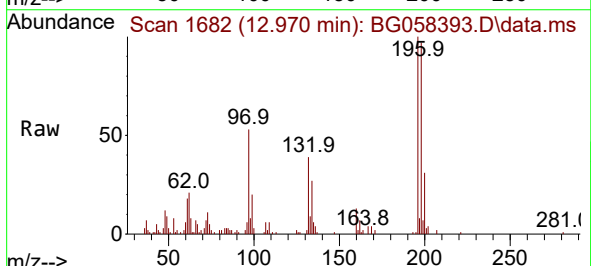
Tgt Ion:196 Resp: 41308

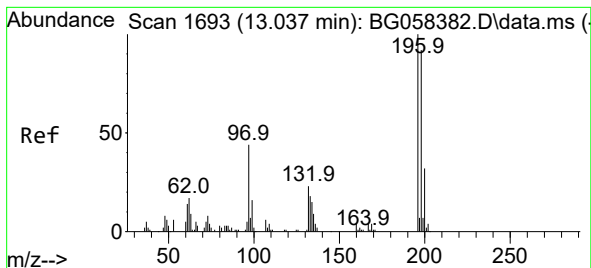
Ion Ratio Lower Upper

196 100

198 97.1 77.7 116.5

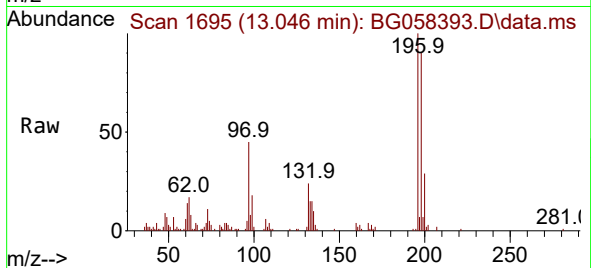
200 31.0 25.0 37.6



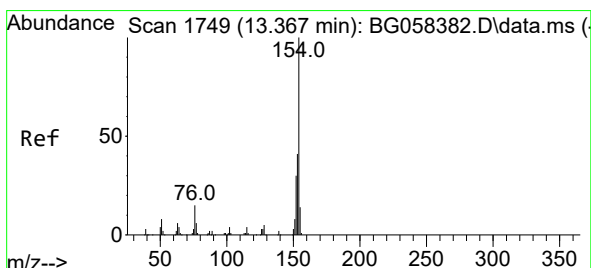
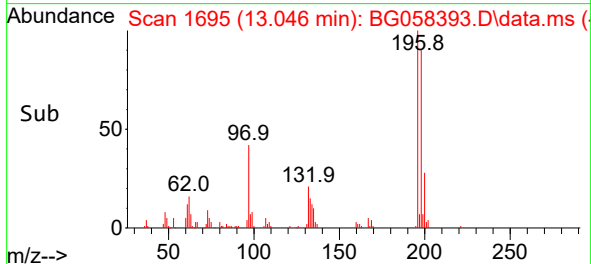
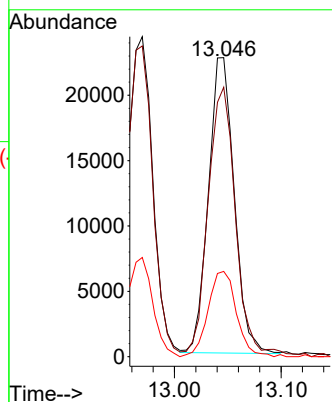


#42
2,4,5-Trichlorophenol
Concen: 13.618 ng/ul
RT: 13.046 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

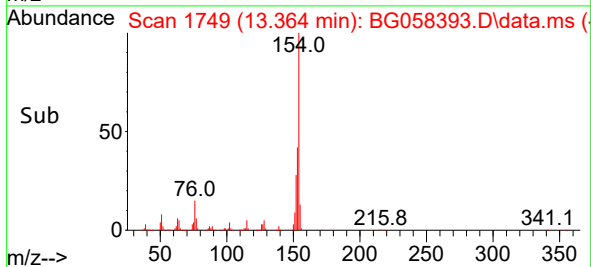
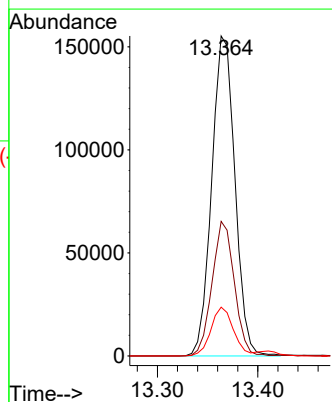
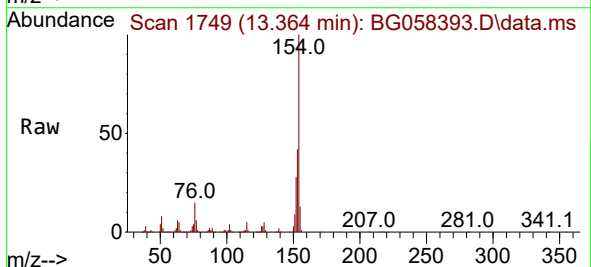


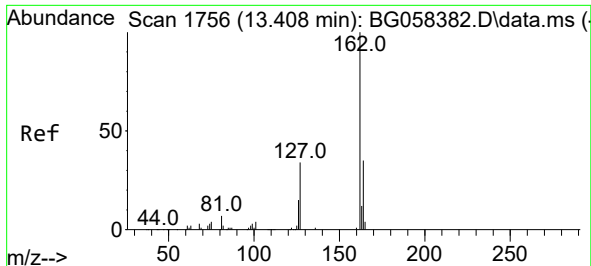
Tgt Ion:196 Resp: 37974
Ion Ratio Lower Upper
196 100
198 90.1 74.8 112.2
200 28.5 24.4 36.6



#43
1,1'-Biphenyl
Concen: 27.629 ng/ul
RT: 13.364 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

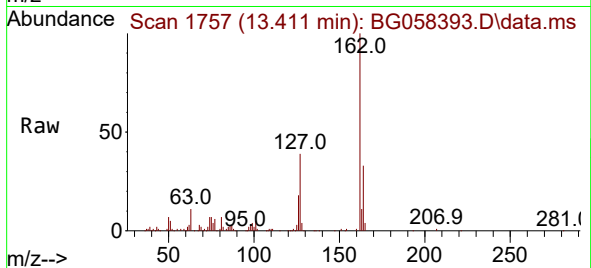
Tgt Ion:154 Resp: 249315
Ion Ratio Lower Upper
154 100
153 42.0 31.8 47.6
76 15.2 11.7 17.5



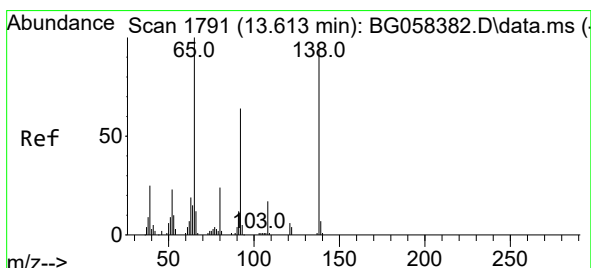
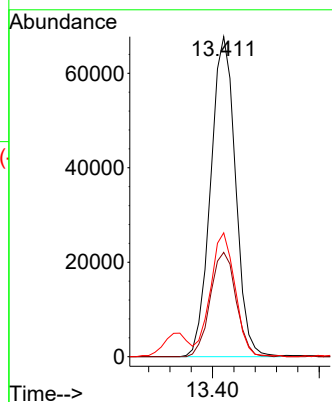
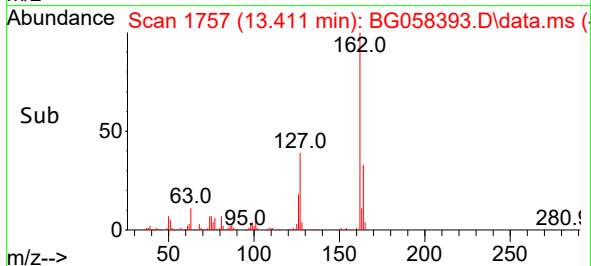


#44
2-Chloronaphthalene
Concen: 15.271 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

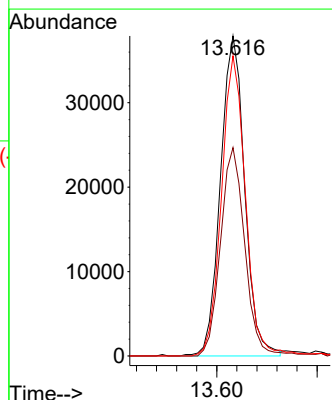
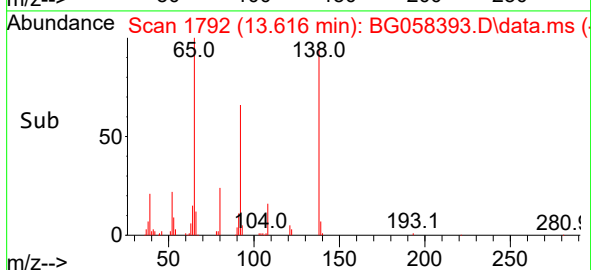
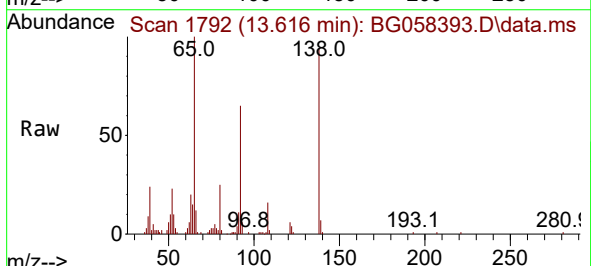


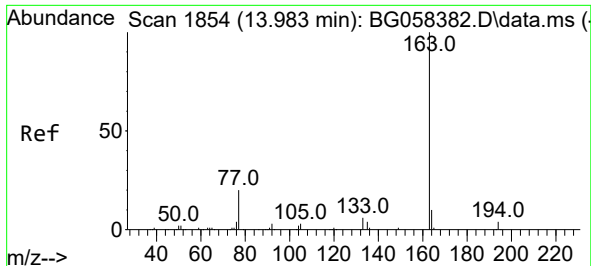
Tgt Ion:162 Resp: 109565
Ion Ratio Lower Upper
162 100
164 32.6 26.2 39.2
127 38.7 29.8 44.6



#45
2-Nitroaniline
Concen: 25.453 ng/ul
RT: 13.616 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion: 65 Resp: 63432
Ion Ratio Lower Upper
65 100
92 65.1 51.4 77.2
138 93.7 71.6 107.4

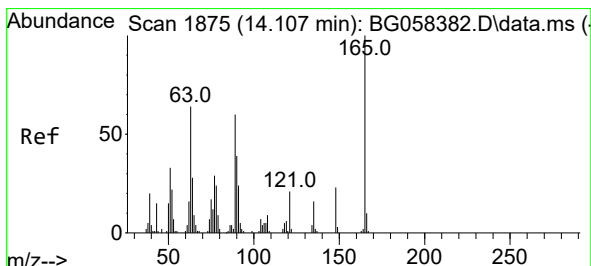
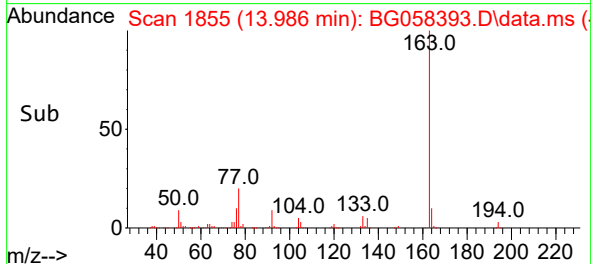
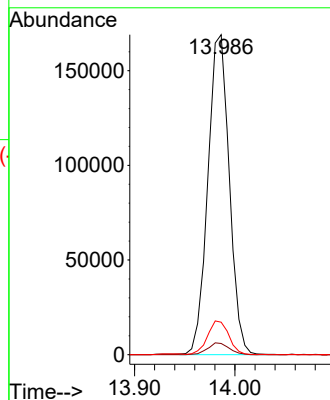
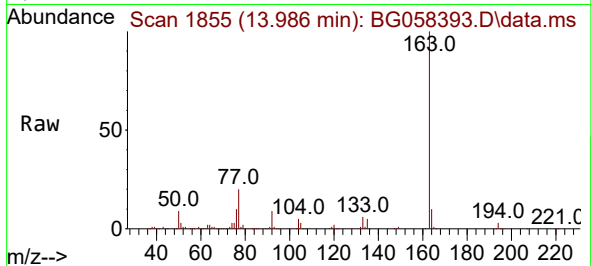




#47
Dimethylphthalate
Concen: 24.326 ng/ul
RT: 13.986 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

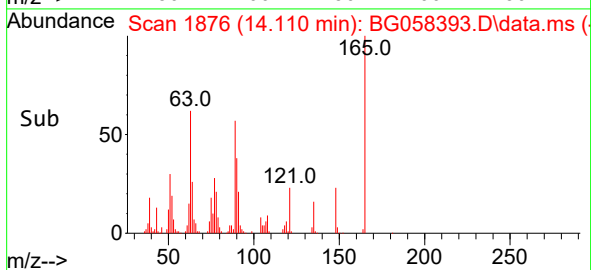
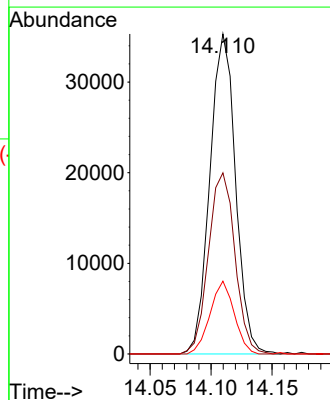
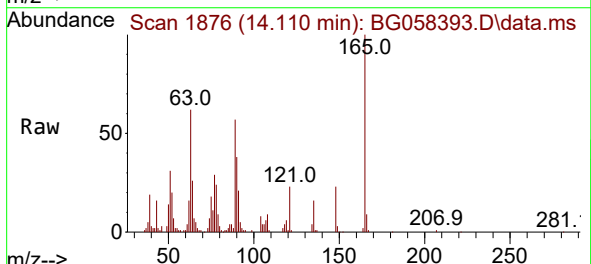
Instrument :
BNA_G
ClientSampleId :

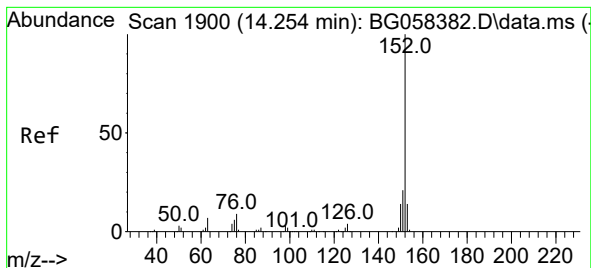
Tgt Ion:163 Resp: 251440
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 25.883 ng/ul
RT: 14.110 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:165 Resp: 51699
Ion Ratio Lower Upper
165 100
89 56.6 48.9 73.3
121 22.8 16.2 24.4





#50

Acenaphthylene

Concen: 13.210 ng/ul

RT: 14.257 min Scan# 1900

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

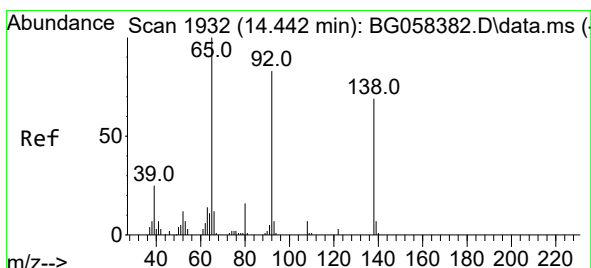
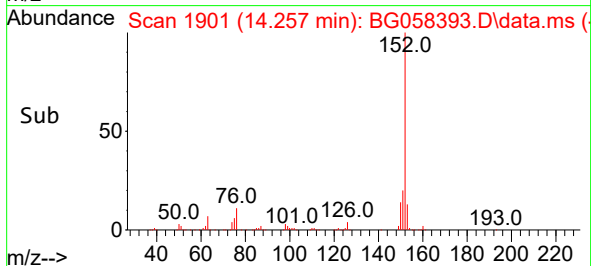
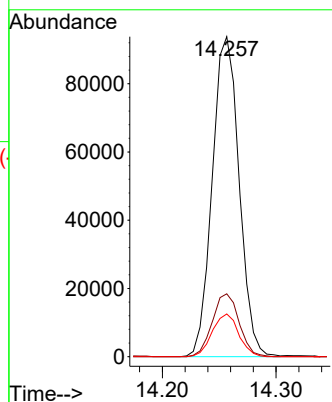
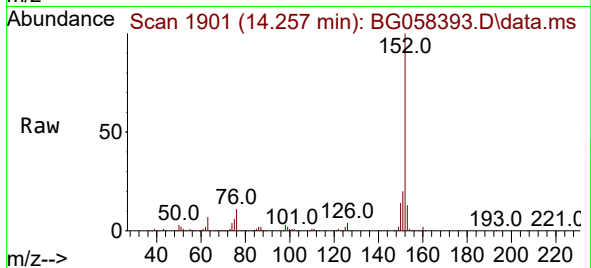
Tgt Ion:152 Resp: 153775

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 13.4 10.6 16.0



#51

3-Nitroaniline

Concen: 8.277 ng/ul

RT: 14.439 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

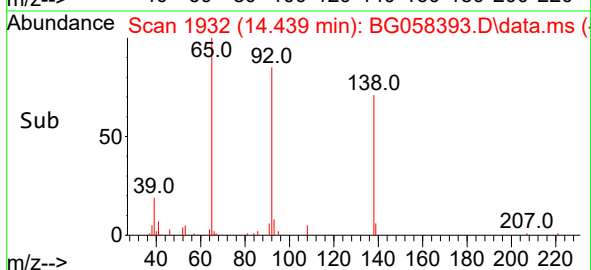
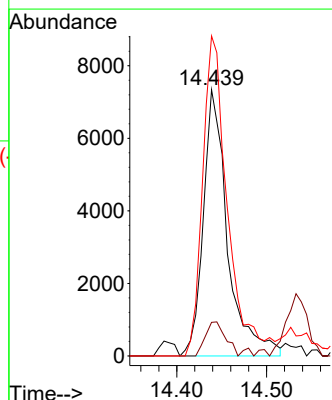
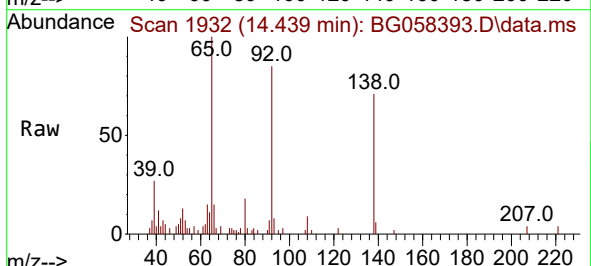
Tgt Ion:138 Resp: 13777

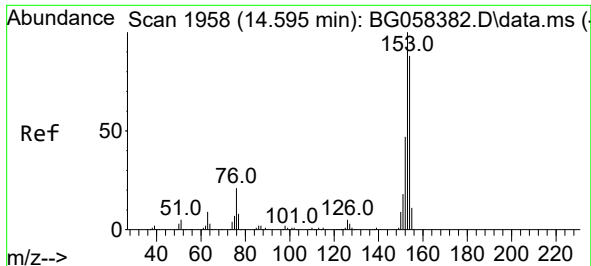
Ion Ratio Lower Upper

138 100

108 12.6 8.6 13.0

92 120.2 108.4 162.6

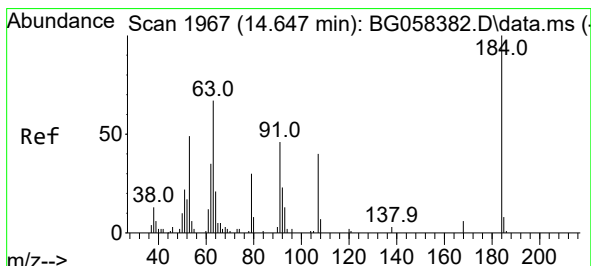
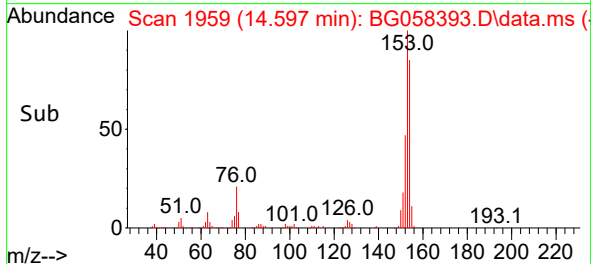
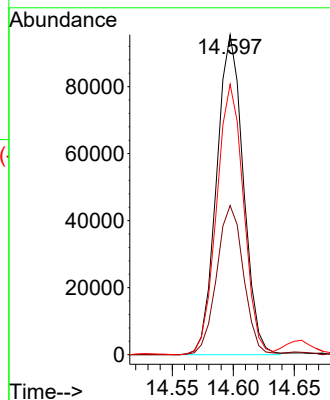
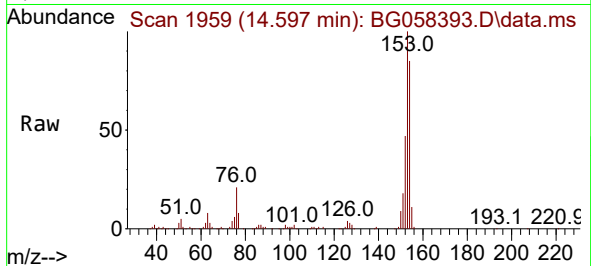




#52
Acenaphthene
Concen: 18.012 ng/ul
RT: 14.597 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

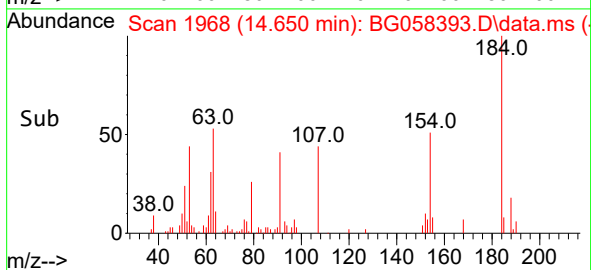
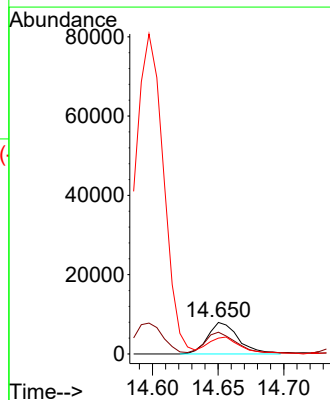
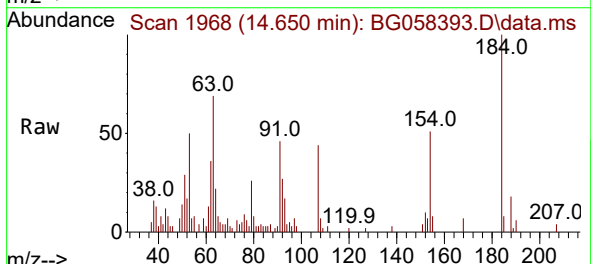
Instrument :
BNA_G
ClientSampleId :

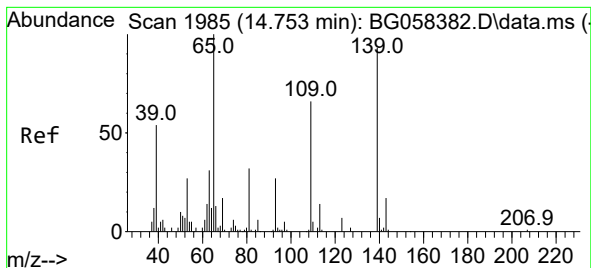
Tgt Ion:153 Resp: 145572
Ion Ratio Lower Upper
153 100
152 46.6 39.1 58.7
154 84.5 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 12.190 ng/ul
RT: 14.650 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:184 Resp: 12958
Ion Ratio Lower Upper
184 100
63 69.0 52.9 79.3
154 50.5 47.8 71.8

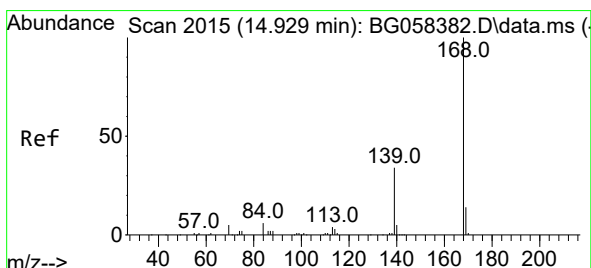
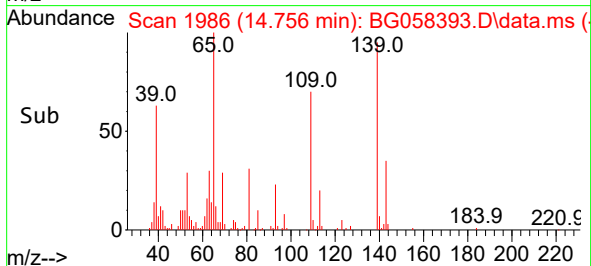
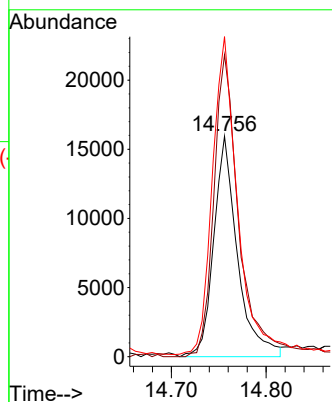
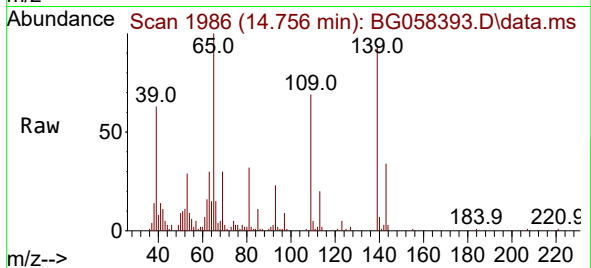




#55
4-Nitrophenol
Concen: 23.191 ng/ul
RT: 14.756 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

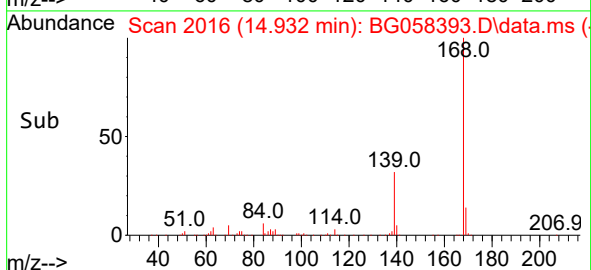
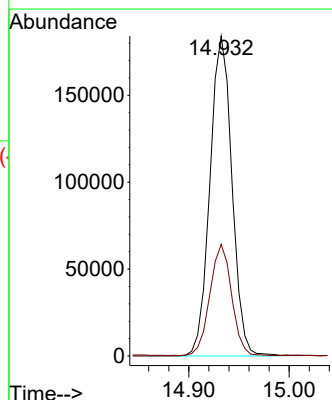
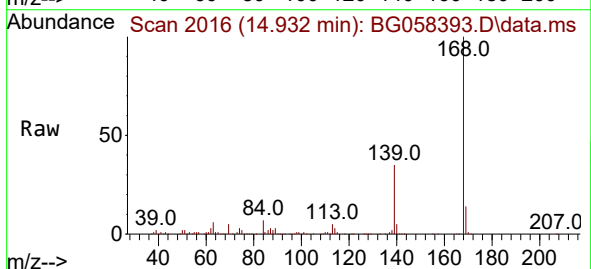
Instrument :
BNA_G
ClientSampleId :

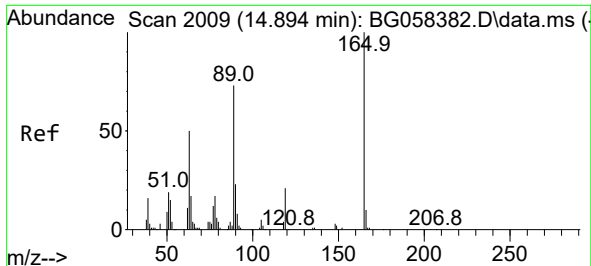
Tgt Ion:109 Resp: 27757
Ion Ratio Lower Upper
109 100
139 136.9 100.3 150.5
65 145.1 120.6 180.8



#56
Dibenzofuran
Concen: 24.358 ng/ul
RT: 14.932 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:168 Resp: 280318
Ion Ratio Lower Upper
168 100
139 34.9 27.8 41.8





#57

2,4-Dinitrotoluene

Concen: 25.640 ng/ul

RT: 14.897 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

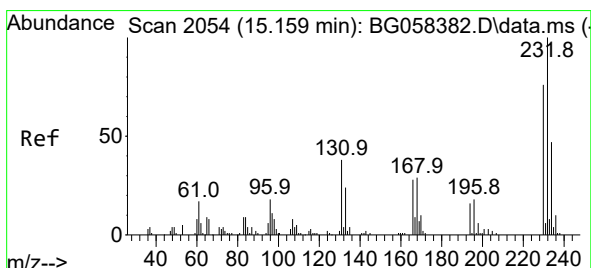
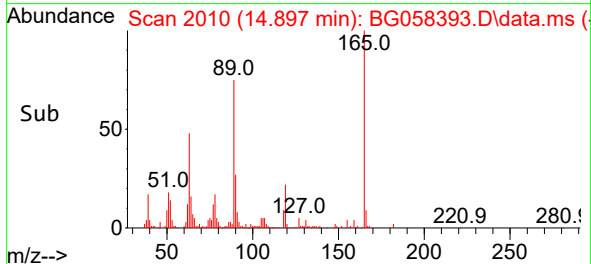
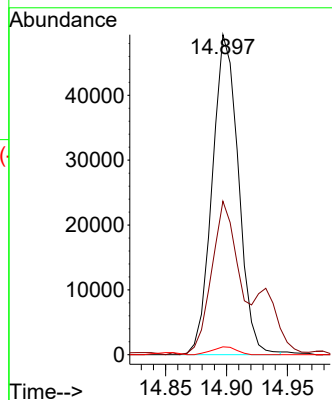
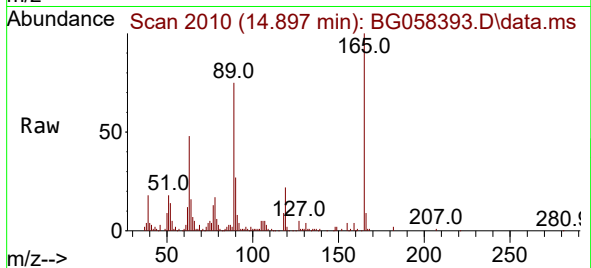
Tgt Ion:165 Resp: 73865

Ion Ratio Lower Upper

165 100

63 48.0 33.8 50.6

182 2.4 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 15.156 ng/ul

RT: 15.161 min Scan# 2055

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Tgt Ion:232 Resp: 39047

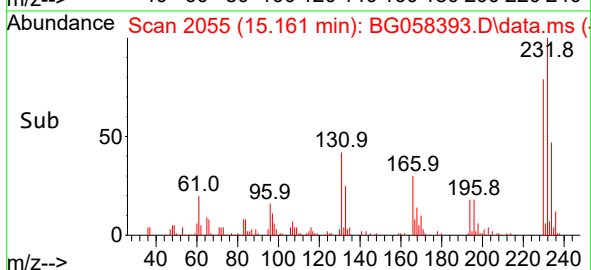
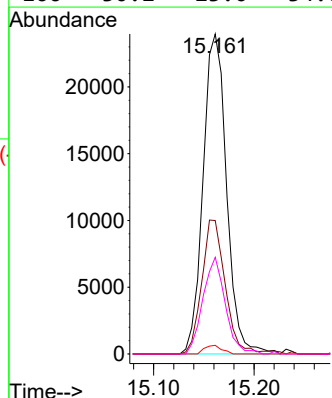
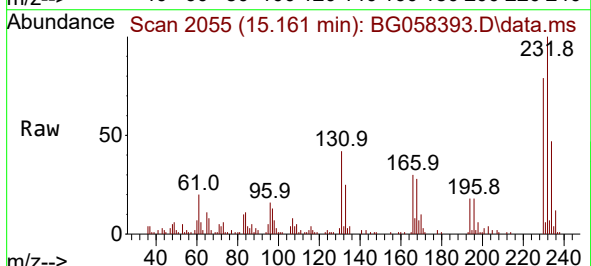
Ion Ratio Lower Upper

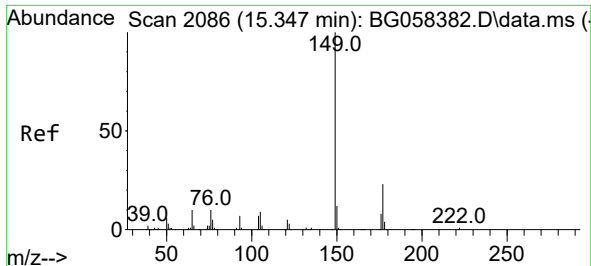
232 100

131 41.7 29.0 43.6

130 2.7 1.1 1.7#

166 30.2 23.0 34.6

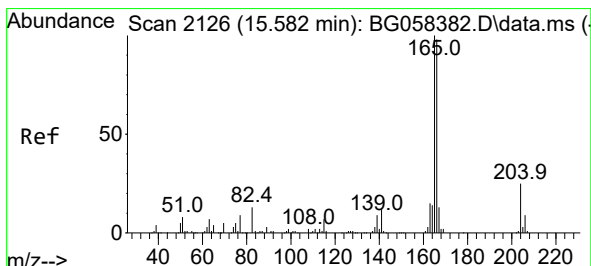
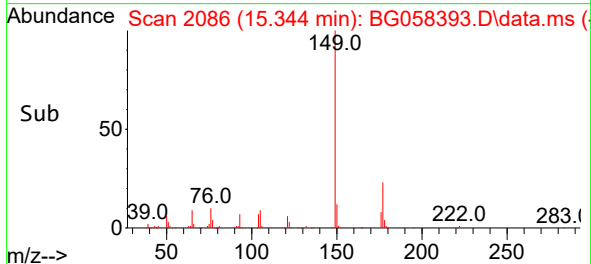
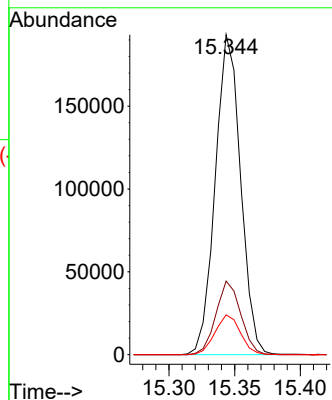
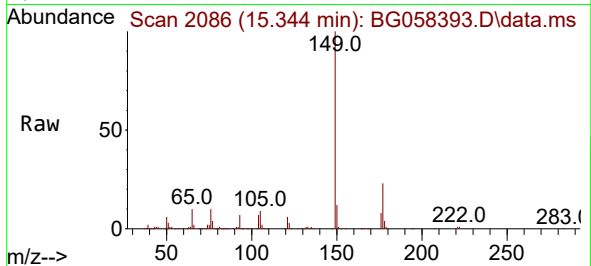




#59
Diethylphthalate
Concen: 24.317 ng/ul
RT: 15.344 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

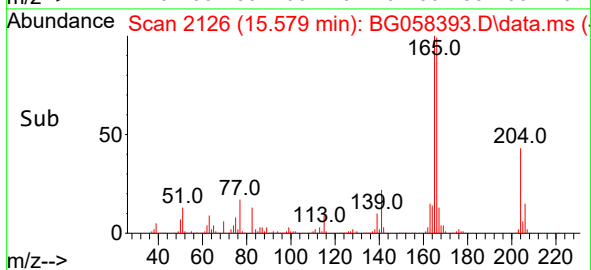
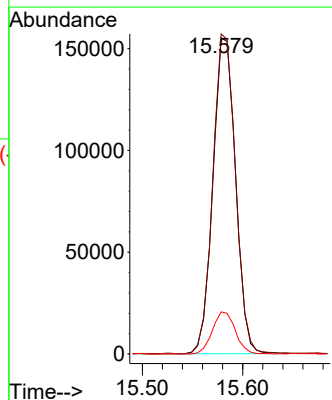
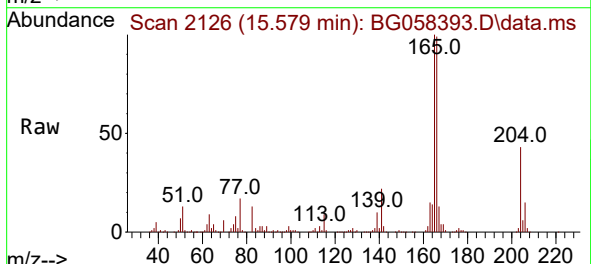
Instrument :
BNA_G
ClientSampleId :

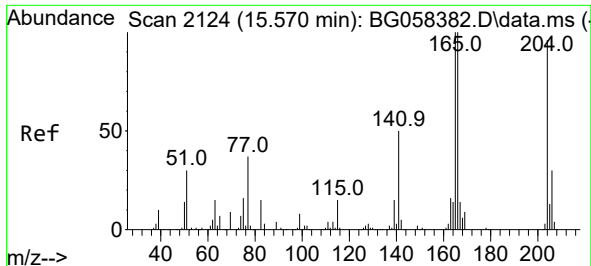
Tgt Ion:149 Resp: 258940
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.4 10.0 15.0



#61
Fluorene
Concen: 25.720 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:166 Resp: 242729
Ion Ratio Lower Upper
166 100
165 101.2 80.2 120.2
167 13.3 10.5 15.7





#62

4-Chlorophenyl-phenylether

Concen: 25.153 ng/ul

RT: 15.573 min Scan# 2124

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

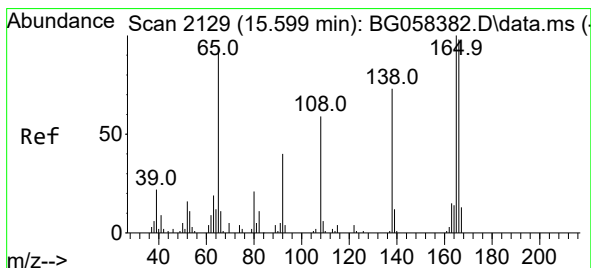
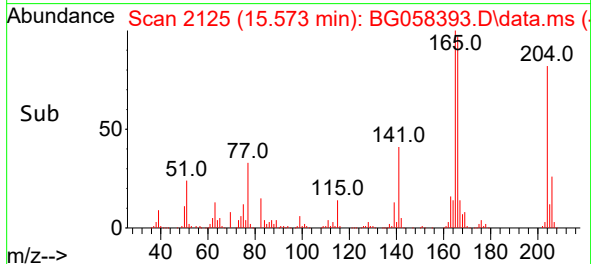
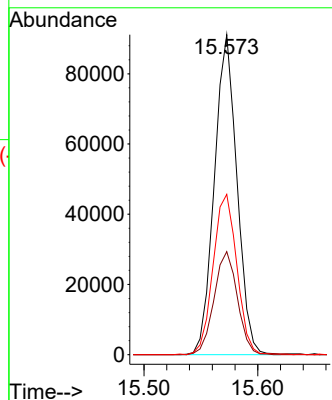
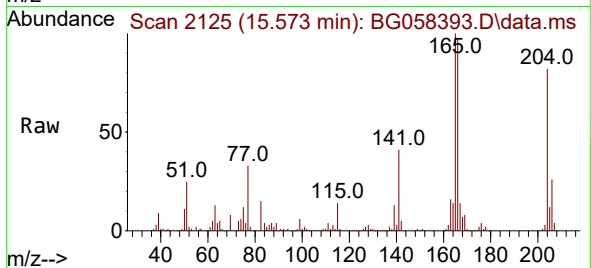
Tgt Ion:204 Resp: 126020

Ion Ratio Lower Upper

204 100

206 32.2 26.0 39.0

141 50.1 42.2 63.2



#63

4-Nitroaniline

Concen: 13.970 ng/ul

RT: 15.602 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

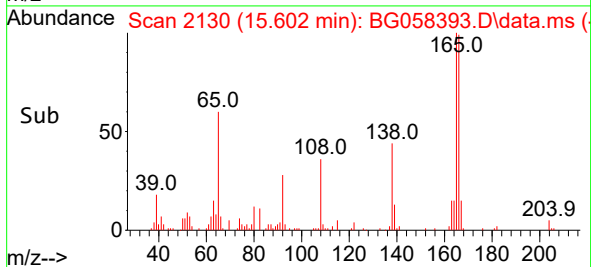
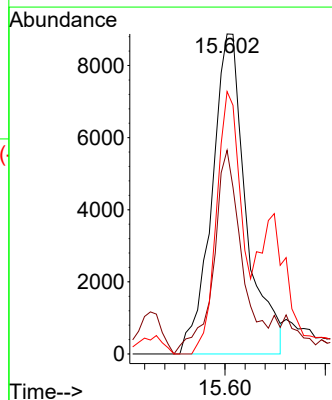
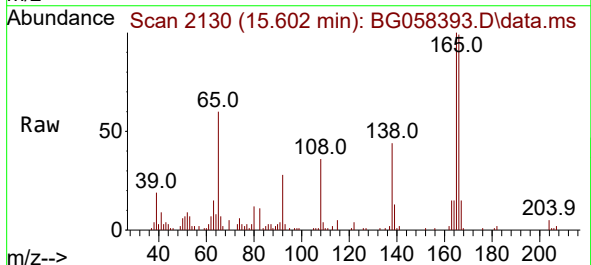
Tgt Ion:138 Resp: 21041

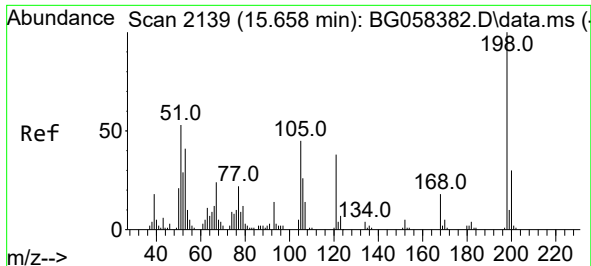
Ion Ratio Lower Upper

138 100

92 63.7 45.0 67.4

108 82.0 60.8 91.2

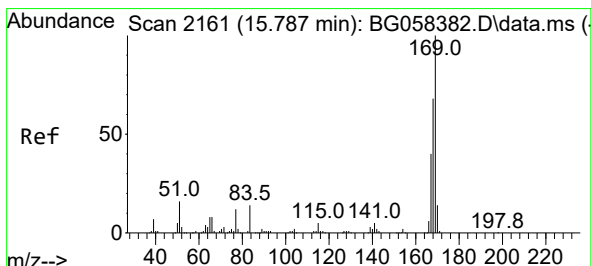
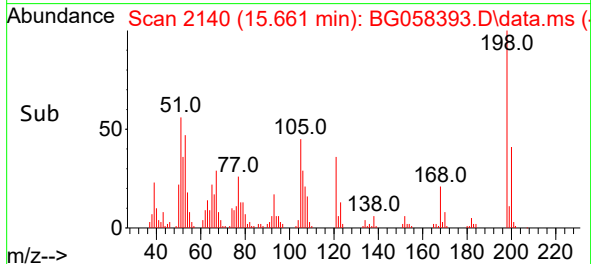
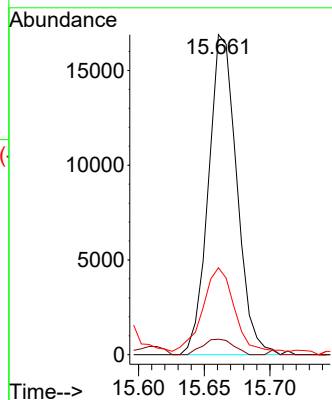
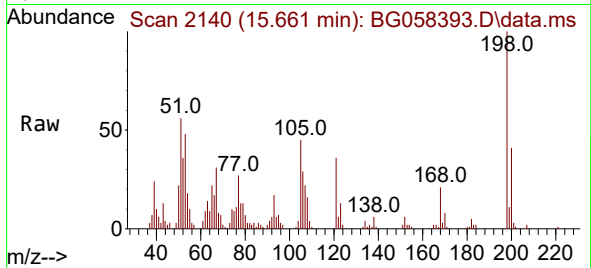




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.864 ng/ul
 RT: 15.661 min Scan# 2139
 Delta R.T. -0.005 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

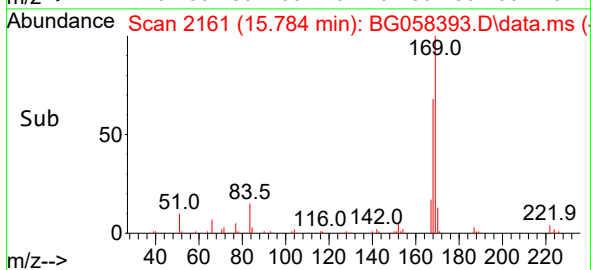
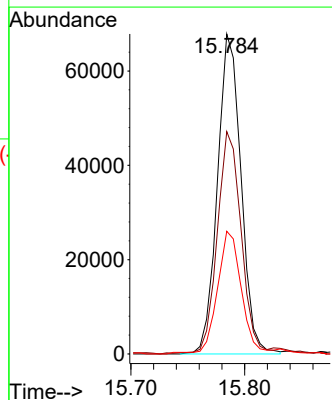
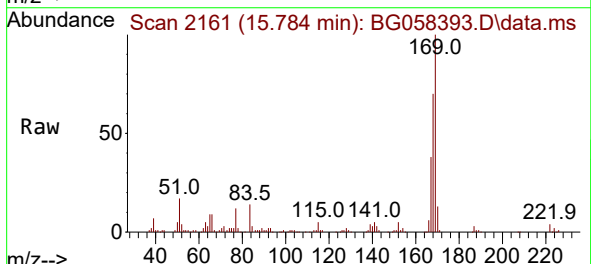
Instrument :
 BNA_G
 ClientSampleId :

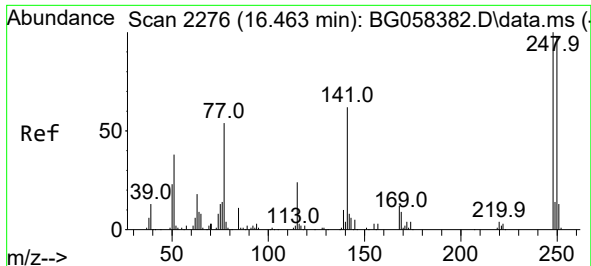
Tgt Ion:198 Resp: 25382
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.4 5.2
 77 27.1 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 13.729 ng/ul
 RT: 15.784 min Scan# 2161
 Delta R.T. -0.005 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion:169 Resp: 97716
 Ion Ratio Lower Upper
 169 100
 168 69.5 55.7 83.5
 167 38.3 31.2 46.8

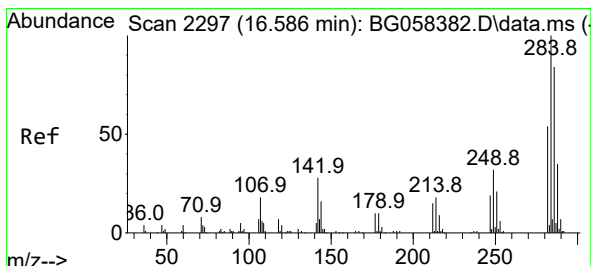
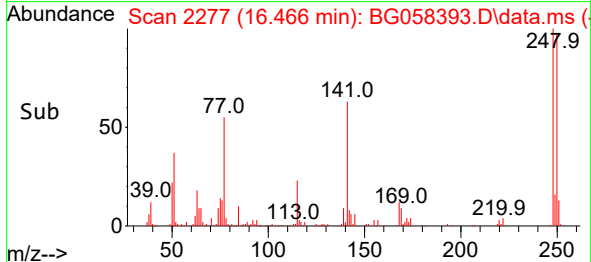
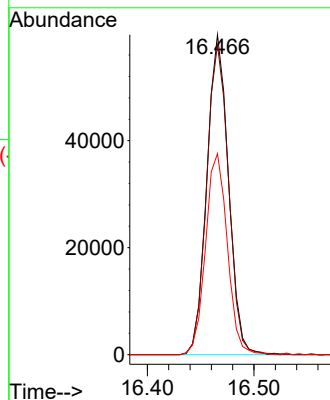
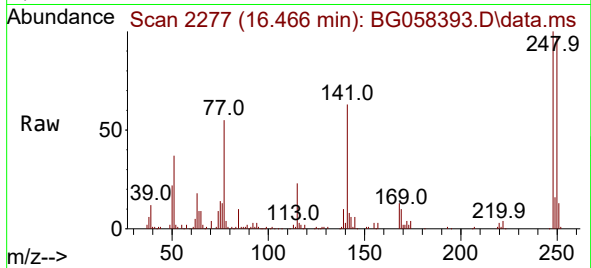




#68
4-Bromophenyl-phenylether
Concen: 27.730 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

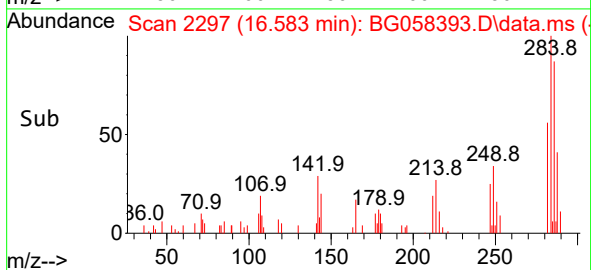
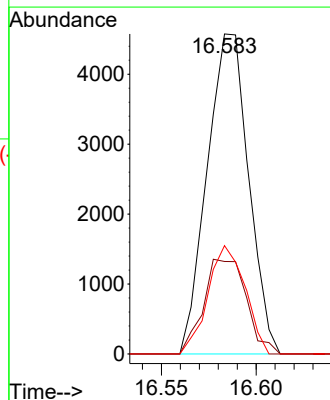
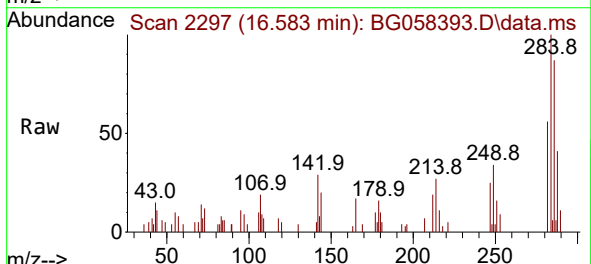
Instrument :
BNA_G
ClientSampleId :

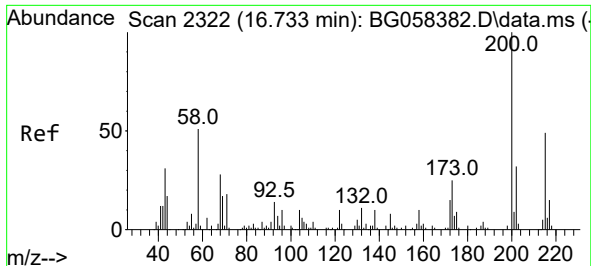
Tgt Ion:248 Resp: 84336
Ion Ratio Lower Upper
248 100
250 96.8 73.8 110.6
141 62.9 48.2 72.2



#69
Hexachlorobenzene
Concen: 2.032 ng/ul
RT: 16.583 min Scan# 2297
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

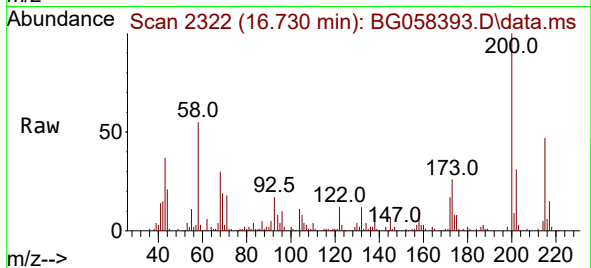
Tgt Ion:284 Resp: 6974
Ion Ratio Lower Upper
284 100
142 28.9 20.5 30.7
249 33.9 25.2 37.8



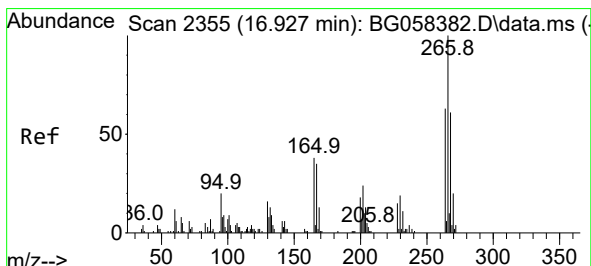
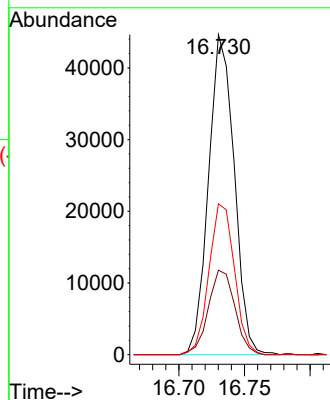
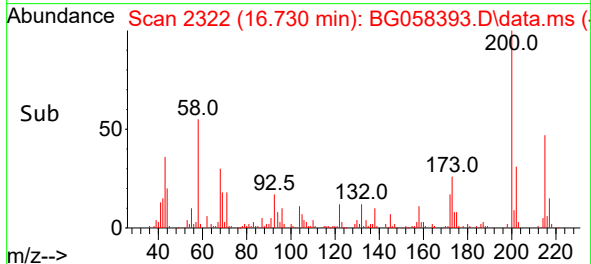


#70
Atrazine
Concen: 21.748 ng/ul
RT: 16.730 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Instrument :
BNA_G
ClientSampleId :

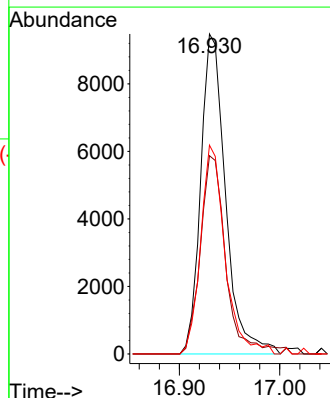
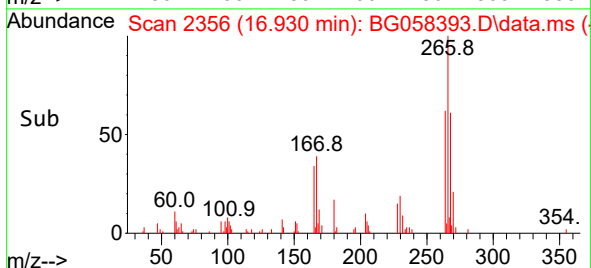
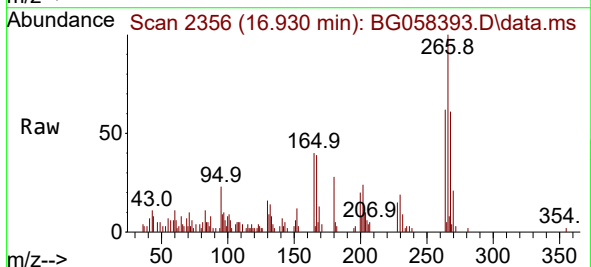


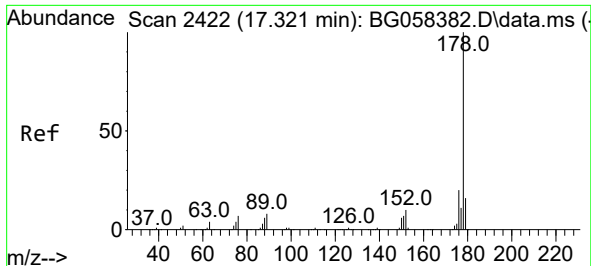
Tgt Ion:200 Resp: 60690
Ion Ratio Lower Upper
200 100
173 26.4 19.8 29.8
215 47.2 36.2 54.4



#71
Pentachlorophenol
Concen: 8.483 ng/ul
RT: 16.930 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:266 Resp: 16342
Ion Ratio Lower Upper
266 100
264 61.9 46.6 70.0
268 65.3 47.6 71.4

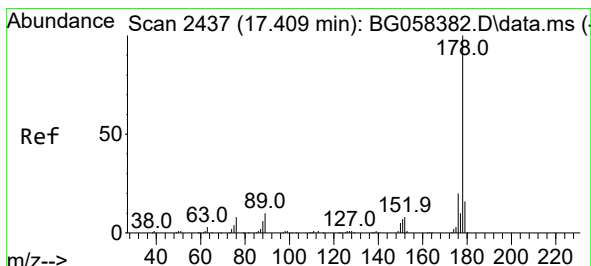
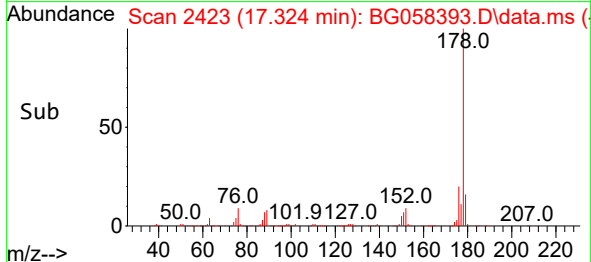
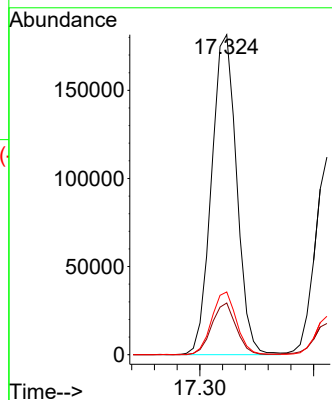
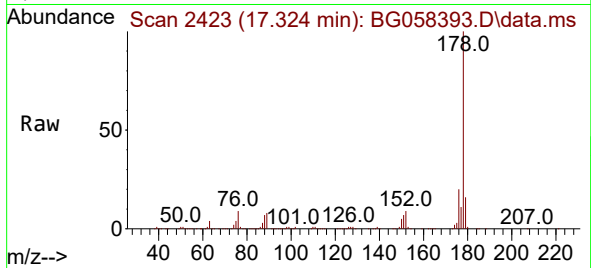




#72
Phenanthrene
Concen: 20.456 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

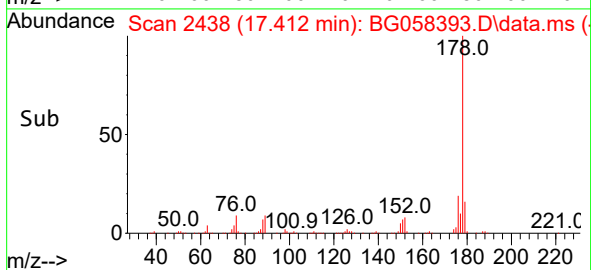
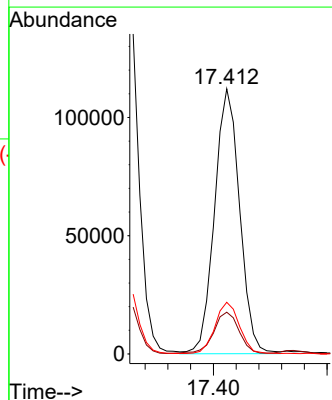
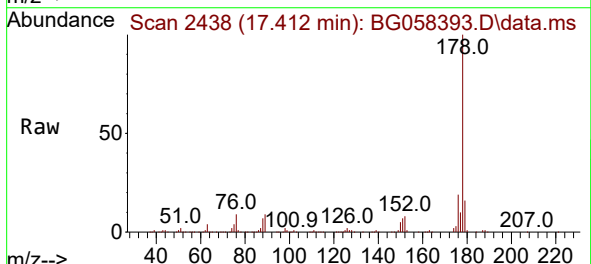
Instrument :
BNA_G
ClientSampleId :

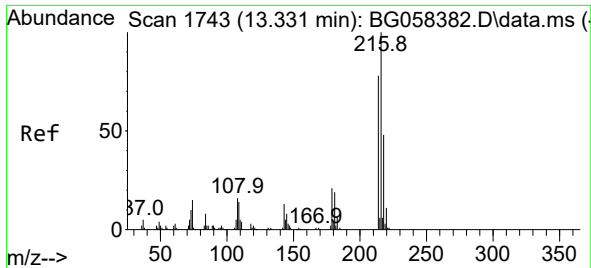
Tgt Ion:178 Resp: 279128
Ion Ratio Lower Upper
178 100
179 16.2 11.9 17.9
176 19.6 15.8 23.8



#74
Anthracene
Concen: 12.562 ng/ul
RT: 17.412 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:178 Resp: 172090
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.5 16.2 24.2

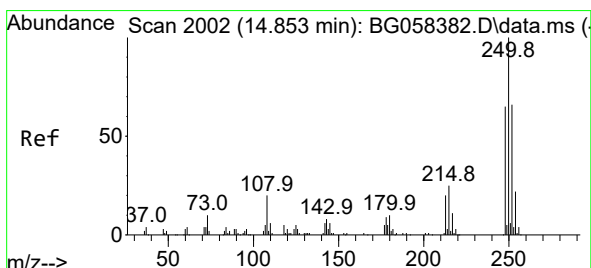
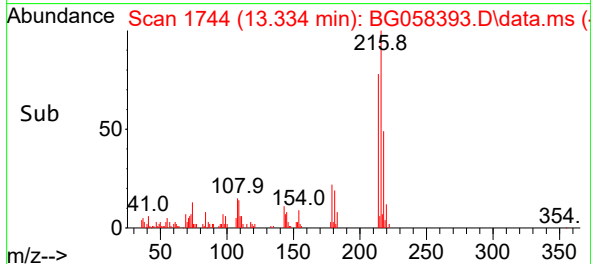
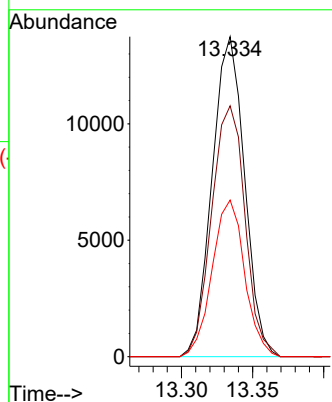
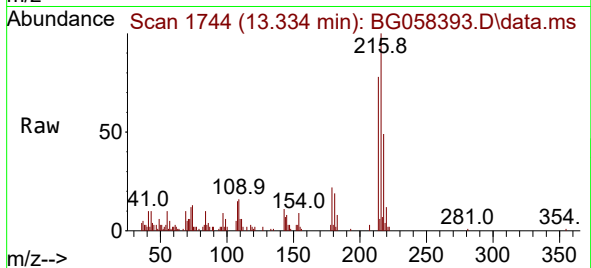




#75
1,2,3,4-Tetrachlorobenzene
Concen: 6.049 ng/uL
RT: 13.334 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

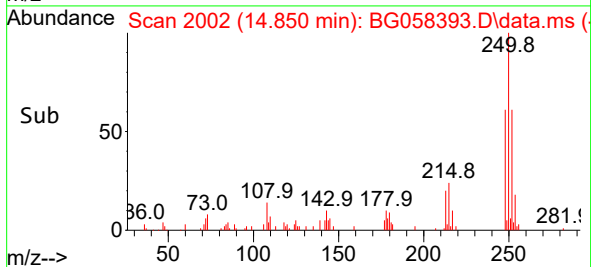
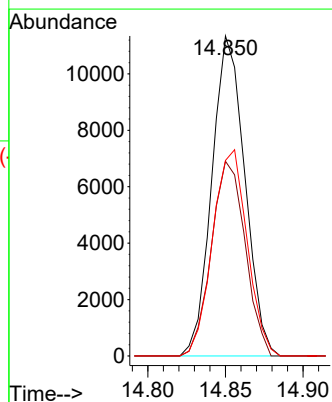
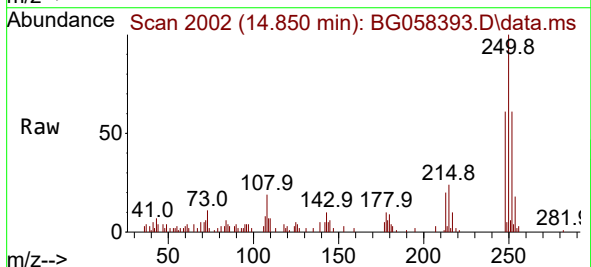
Instrument :
BNA_G
ClientSampleId :

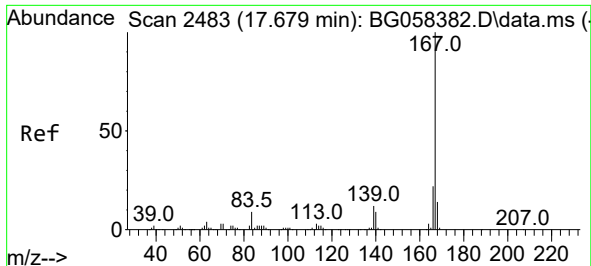
Tgt Ion:216 Resp: 21786
Ion Ratio Lower Upper
216 100
214 78.4 62.2 93.4
218 48.9 40.9 61.3



#76
Pentachlorobenzene
Concen: 4.253 ng/uL
RT: 14.850 min Scan# 2002
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

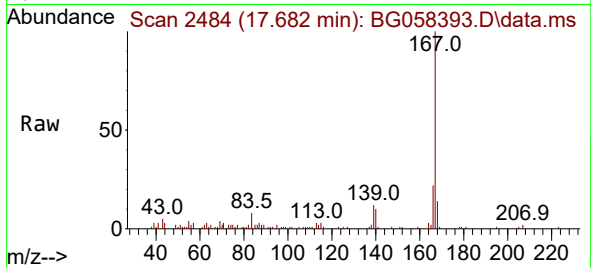
Tgt Ion:250 Resp: 16750
Ion Ratio Lower Upper
250 100
248 60.8 51.6 77.4
252 65.5 54.4 81.6



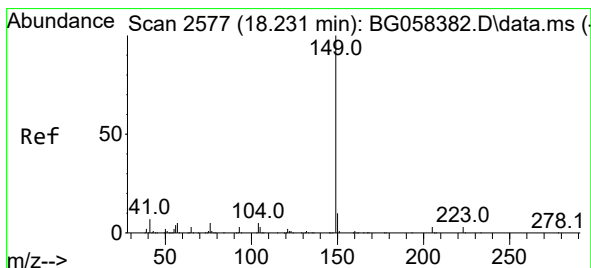
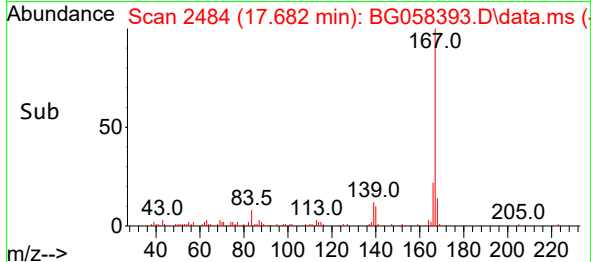
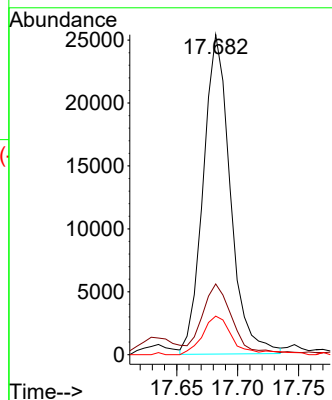


#77
 Carbazole
 Concen: 3.310 ng/ul
 RT: 17.682 min Scan# 2484
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Instrument :
 BNA_G
 ClientSampleId :

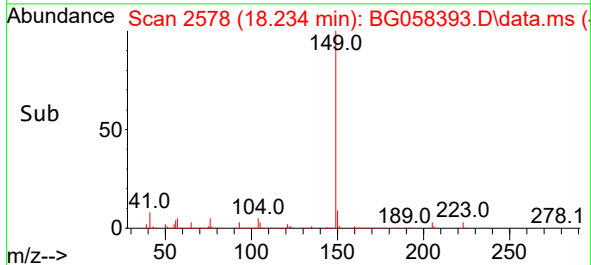
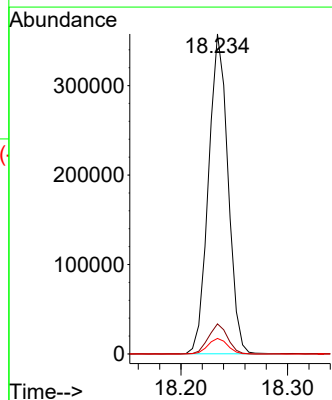
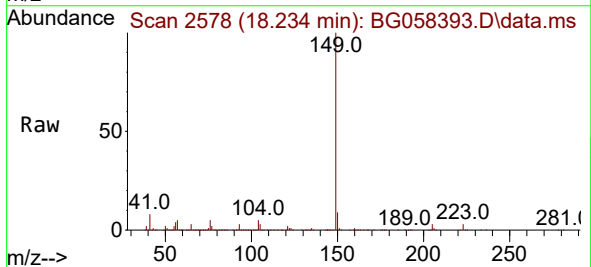


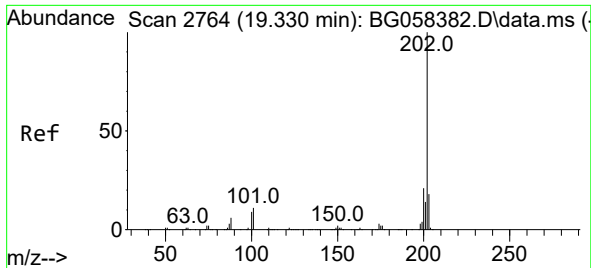
Tgt Ion:167 Resp: 39307
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.1 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 30.130 ng/ul
 RT: 18.234 min Scan# 2578
 Delta R.T. -0.005 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion:149 Resp: 454631
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 4.9 3.9 5.9

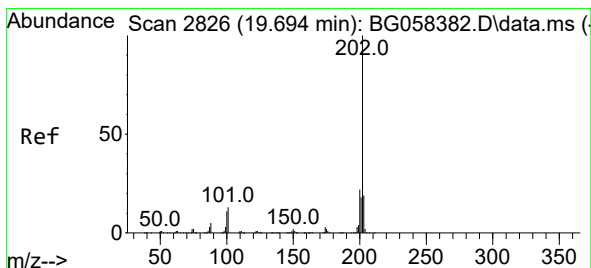
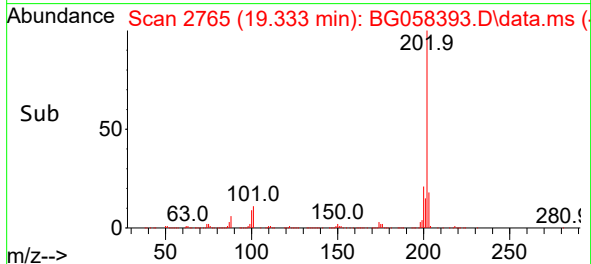
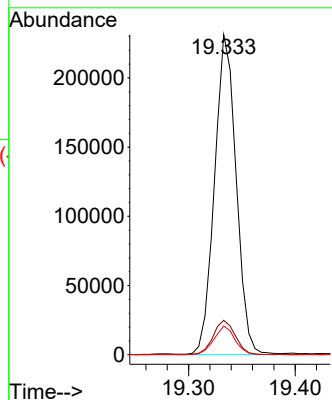
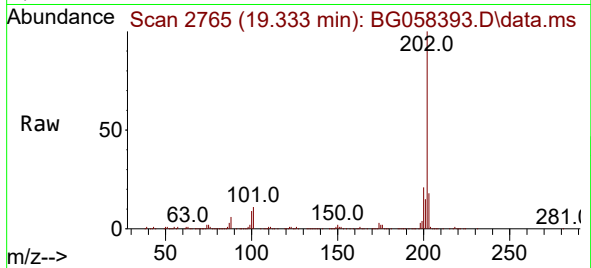




#80
 Fluoranthene
 Concen: 20.273 ng/u1
 RT: 19.333 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

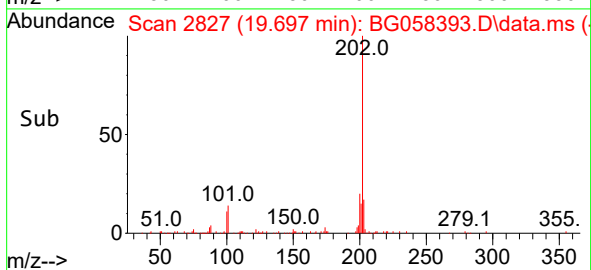
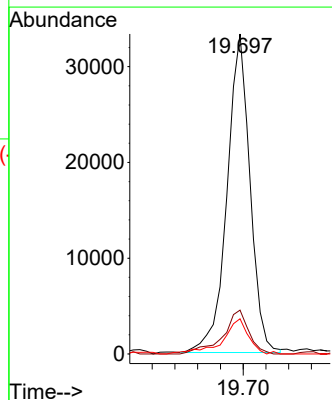
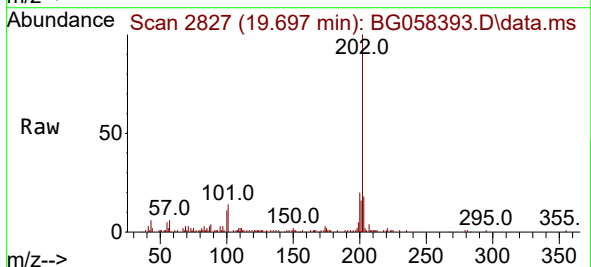
Instrument :
 BNA_G
 ClientSampleId :

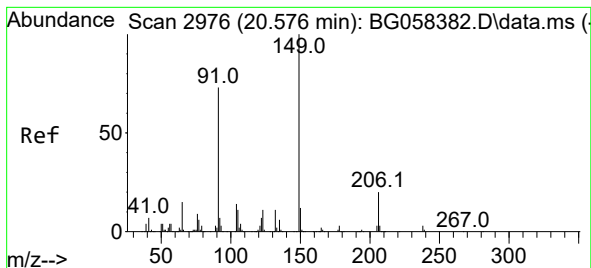
Tgt Ion:202 Resp: 325622
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.6 12.8
 100 9.0 7.2 10.8



#82
 Pyrene
 Concen: 2.867 ng/u1
 RT: 19.697 min Scan# 2827
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion:202 Resp: 46663
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.2 15.2
 100 11.0 8.9 13.3





#83

Butylbenzylphthalate

Concen: 31.261 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA_G

ClientSampleId :

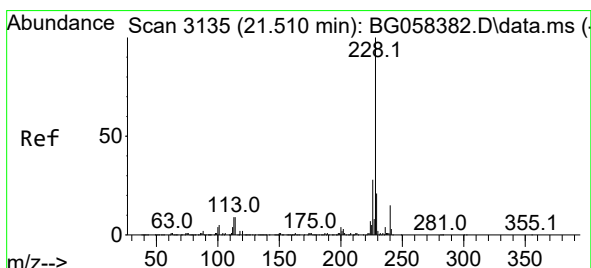
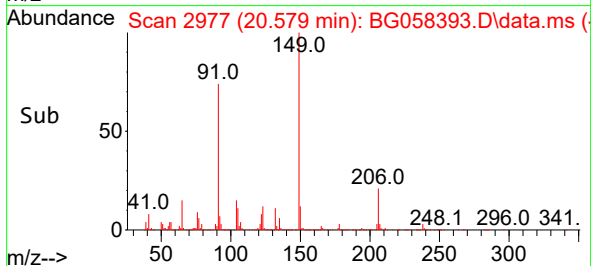
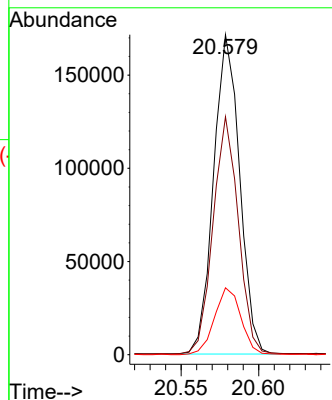
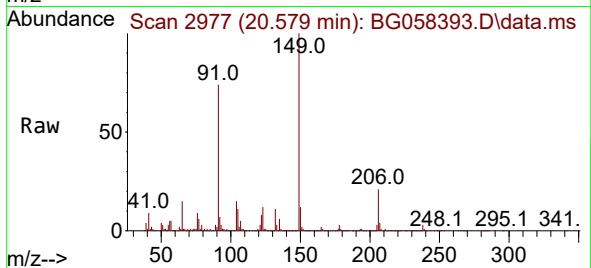
Tgt Ion:149 Resp: 200333

Ion Ratio Lower Upper

149 100

91 74.3 59.9 89.9

206 20.9 16.9 25.3



#85

Benzo(a)anthracene

Concen: 19.001 ng/ul

RT: 21.513 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

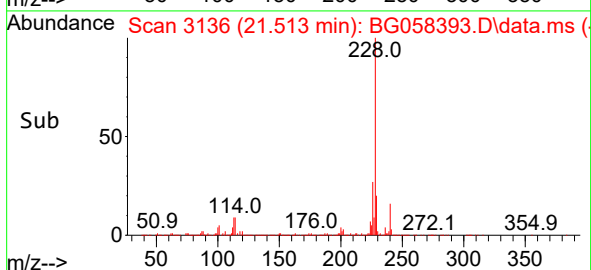
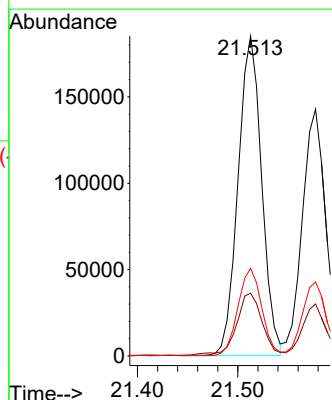
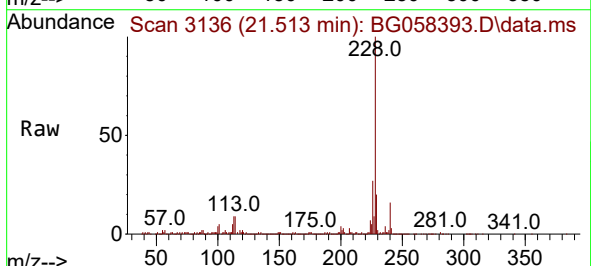
Tgt Ion:228 Resp: 303161

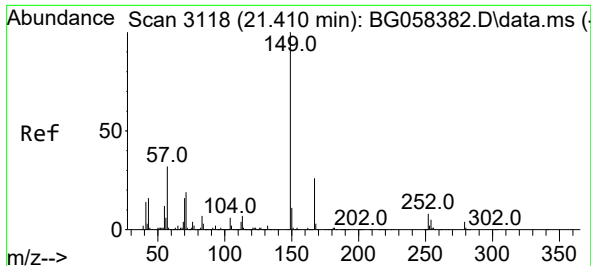
Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.4 21.8 32.8

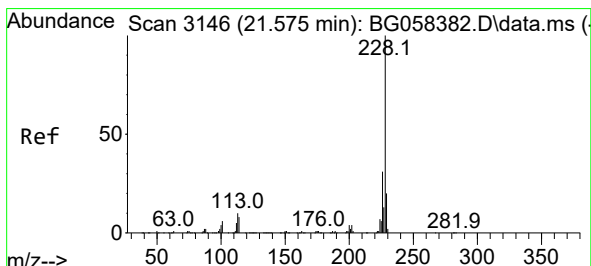
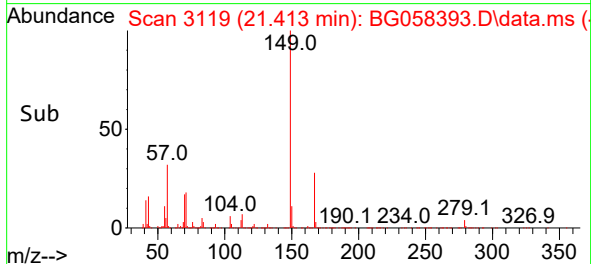
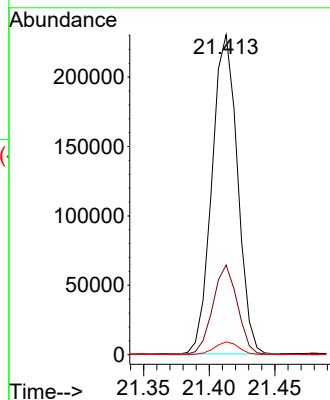
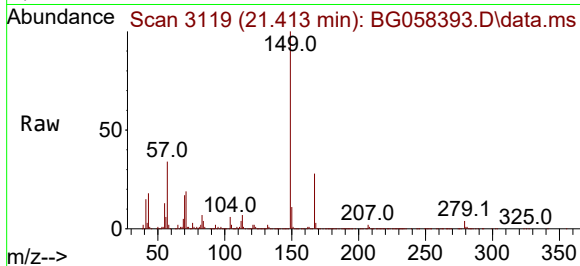




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.166 ng/ul
 RT: 21.413 min Scan# 3118
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

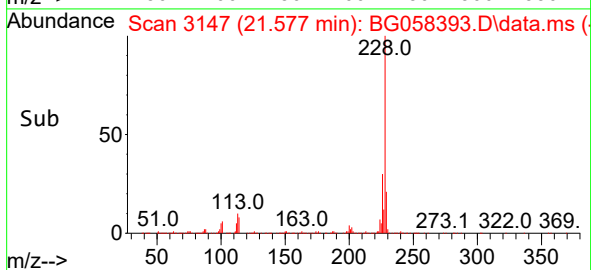
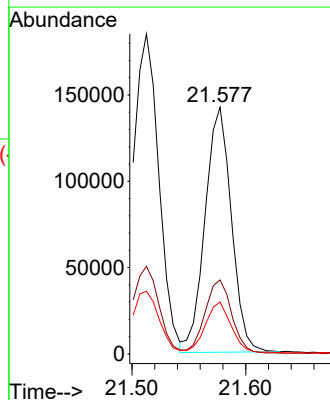
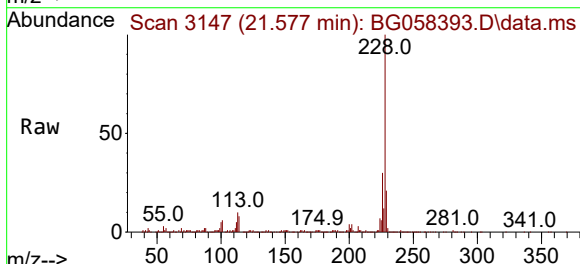
Instrument :
 BNA_G
 ClientSampleId :

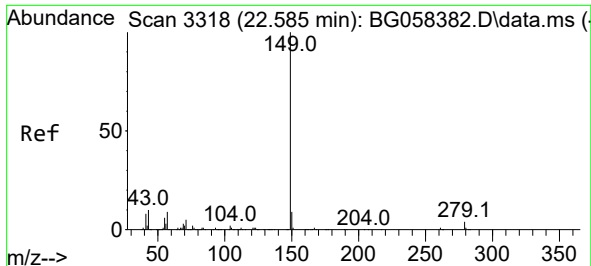
Tgt Ion:149 Resp: 311425
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.6 32.4
 279 4.0 3.0 4.4



#87
 Chrysene
 Concen: 15.110 ng/ul
 RT: 21.577 min Scan# 3147
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Tgt Ion:228 Resp: 228669
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 21.1 15.8 23.8

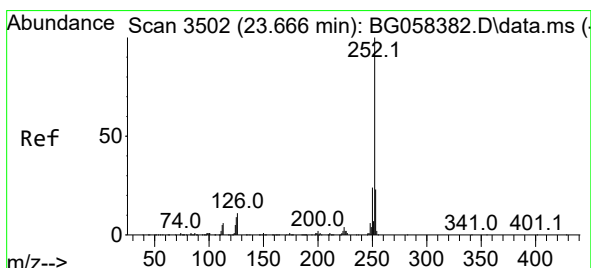
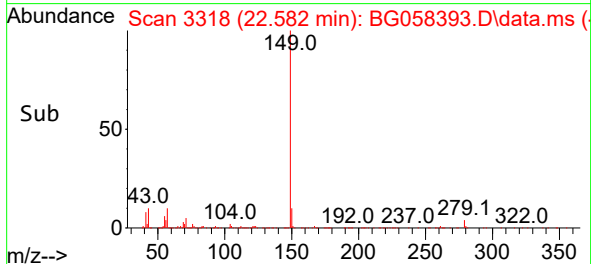
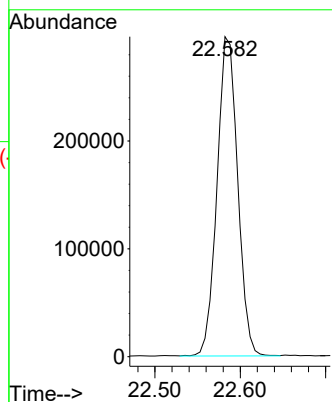
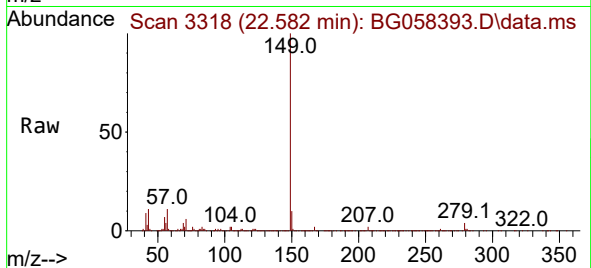




#89
Di-n-octyl phthalate
Concen: 32.784 ng/ul
RT: 22.582 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

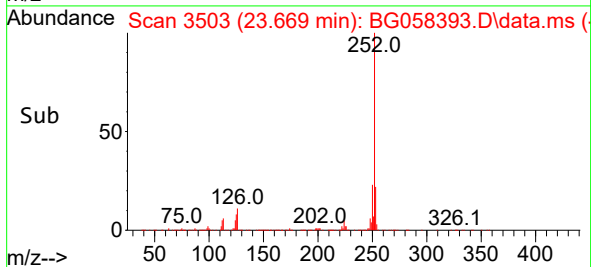
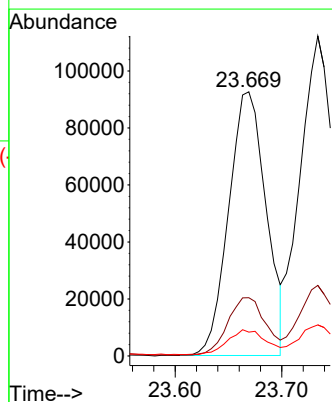
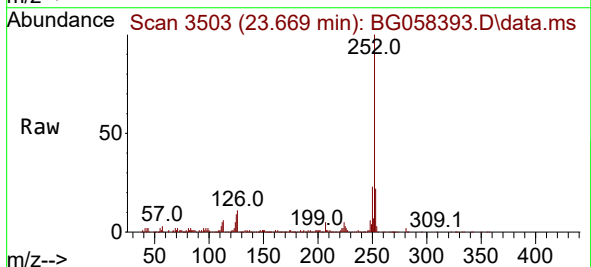
Instrument :
BNA_G
ClientSampleId :

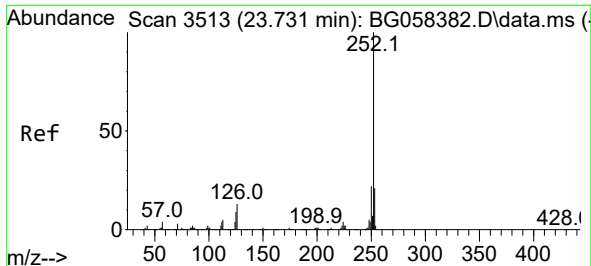
Tgt Ion:149 Resp: 497693



#90
Benzo(b)fluoranthene
Concen: 13.694 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

Tgt Ion:252 Resp: 226059
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.1 6.7 10.1

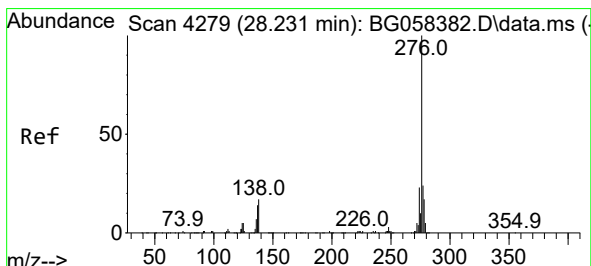
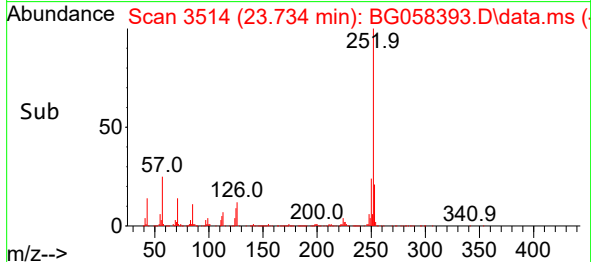
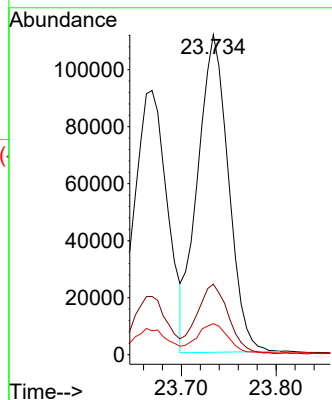
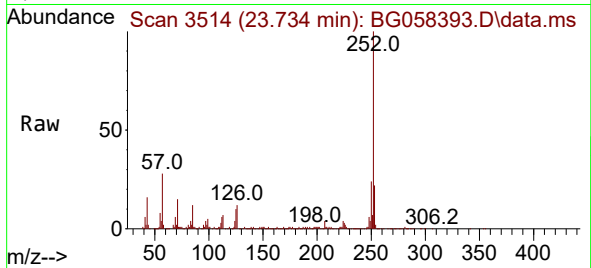




#91
Benzo(k)fluoranthene
Concen: 15.331 ng/ul
RT: 23.734 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

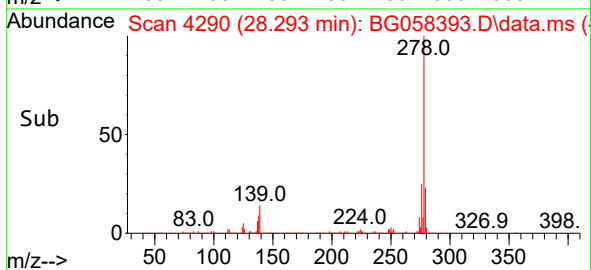
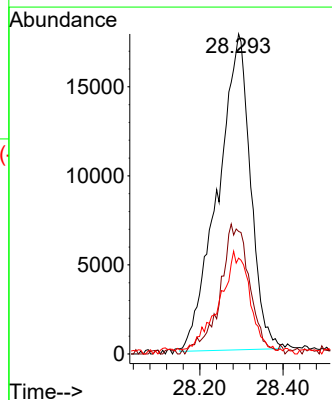
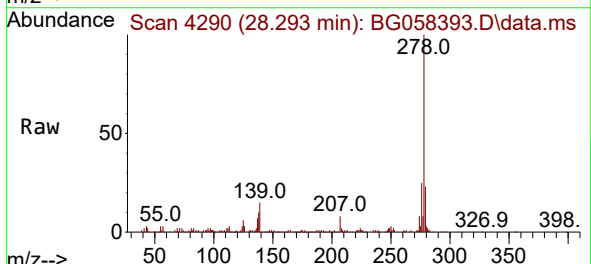
Instrument :
BNA_G
ClientSampleId :

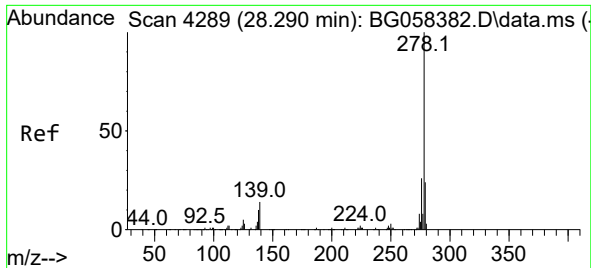
Tgt Ion:252 Resp: 252416
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 9.7 7.4 11.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.988 ng/ul
RT: 28.293 min Scan# 4290
Delta R.T. 0.065 min
Lab File: BG058393.D
Acq: 21 Jul 2023 18:45

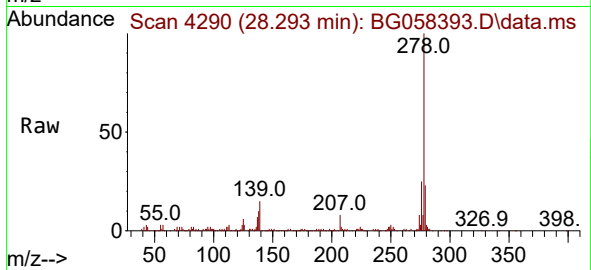
Tgt Ion:276 Resp: 96490
Ion Ratio Lower Upper
276 100
138 38.3 13.8 20.6#
277 29.9 19.2 28.8#





#95
 Dibenzo(a,h)anthracene
 Concen: 19.367 ng/ul
 RT: 28.293 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: BG058393.D
 Acq: 21 Jul 2023 18:45

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 307232
 Ion Ratio Lower Upper
 278 100
 139 14.6 10.4 15.6
 279 23.2 18.4 27.6

