

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058059.D
 Acq On : 6 Jul 2023 21:22
 Operator : CG/JU
 Sample : PB153583BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020497

Quant Time: Jul 06 22:18:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 05 23:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	36810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	168645	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.559	164	125485	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.303	188	316391	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	277650	20.000	ng/u1	0.00
88) Perylene-d12	24.706	264	347909	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.766	84	3063	0.960	ng/u1	0.00
7) Phenol-d5	7.244	99	289	0.077	ng/u1	0.16
9) Bis-(2-Chloroethyl)eth...	7.250	67	417	0.184	ng/u1	0.00
11) 2-Chlorophenol-d4	7.450	132	435	0.168	ng/u1	0.00
15) 4-Methylphenol-d8	8.625	113	258	0.091	ng/u1	0.00
21) Nitrobenzene-d5	9.077	128	67	0.049	ng/u1	0.00
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	10.370	165	5551	2.003	ng/u1	0.02
31) 4-Chloroaniline-d4	10.857	131	2108	0.502	ng/u1	0.00
46) Dimethylphthalate-d6	13.954	166	2433	0.246	ng/u1	0.00
49) Acenaphthylene-d8	14.254	160	2063	0.191	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	331	0.189	ng/u1	0.00
60) Fluorene-d10	15.546	176	2061	0.245	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	1436	0.836	ng/u1	0.00
73) Anthracene-d10	17.397	188	4386	0.299	ng/u1	0.00
81) Pyrene-d10	19.688	212	5583	0.319	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.483	264	3003	0.169	ng/u1	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.390	88	15871	12.221	ng/uL#	92
5) Pyridine	3.783	79	105682	32.320	ng/u1	96
6) Benzaldehyde	7.056	77	76210	60.704	ng/u1	97
8) Phenol	7.109	94	142017	37.228	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.338	93	102417	34.771	ng/u1	100
12) 2-Chlorophenol	7.485	128	96389	35.726	ng/u1	99
13) 2-Methylphenol	8.360	108	106666	35.603	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.443	45	168042	37.062	ng/u1	98
16) Acetophenone	8.736	105	172530	36.661	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.719	70	91347	36.309	ng/u1	97
18) 4-Methylphenol	8.689	108	120903	37.321	ng/u1	94
19) Hexachloroethane	9.001	117	37058	35.829	ng/u1	99
22) Nitrobenzene	9.118	77	127209	35.650	ng/u1	99
23) Isophorone	9.641	82	273231	35.886	ng/u1	97
25) 2-Nitrophenol	9.835	139	56867	36.685	ng/u1	93
26) 2,4-Dimethylphenol	9.894	107	112850	32.375	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.123	93	152108	35.452	ng/u1	99
29) 2,4-Dichlorophenol	10.370	162	100528	37.309	ng/u1	92
30) Naphthalene	10.775	128	336237	35.477	ng/u1	99
32) 4-Chloroaniline	10.881	127	128653	29.946	ng/u1	100
33) Hexachlorobutadiene	11.051	225	69403	36.383	ng/u1	93
34) Caprolactam	11.639	113	42973	39.669	ng/u1	96
35) 4-Chloro-3-methylphenol	12.009	107	133179	40.237	ng/u1	99
36) 2-Methylnaphthalene	12.379	142	231458	36.229	ng/u1	95

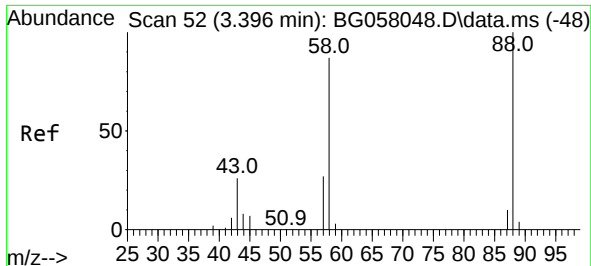
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.602	142	237111	37.010	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.749	216	137519	35.961	ng/ul	99
40) Hexachlorocyclopentadiene	12.726	237	69096	28.686	ng/ul	99
41) 2,4,6-Trichlorophenol	12.990	196	95525	36.856	ng/ul	96
42) 2,4,5-Trichlorophenol	13.067	196	108817	38.822	ng/ul	99
43) 1,1'-Biphenyl	13.390	154	318689	35.242	ng/ul	99
44) 2-Chloronaphthalene	13.431	162	256079	35.284	ng/ul	99
45) 2-Nitroaniline	13.637	65	98088	38.872	ng/ul	96
47) Dimethylphthalate	14.007	163	368923	37.088	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	80212	39.285	ng/ul	95
50) Acenaphthylene	14.277	152	422418	36.206	ng/ul	99
51) 3-Nitroaniline	14.459	138	77476	44.901	ng/ul	99
52) Acenaphthene	14.618	153	289233	36.127	ng/ul	99
53) 2,4-Dinitrophenol	14.671	184	43093	40.483	ng/ul	95
55) 4-Nitrophenol	14.776	109	49220	37.983	ng/ul	87
56) Dibenzofuran	14.953	168	413392	36.324	ng/ul	97
57) 2,4-Dinitrotoluene	14.917	165	116397	40.236	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.182	232	94543	37.051	ng/ul	99
59) Diethylphthalate	15.370	149	384181	37.004	ng/ul	99
61) Fluorene	15.605	166	348317	37.301	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	189438	38.341	ng/ul	100
63) 4-Nitroaniline	15.622	138	82395	53.305	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.681	198	68316	38.884	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	303240	36.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	132981	38.290	ng/ul	99
69) Hexachlorobenzene	16.604	284	150459	38.695	ng/ul	99
70) Atrazine	16.756	200	73962	21.480	ng/ul	98
71) Pentachlorophenol	16.950	266	81126	34.753	ng/ul	99
72) Phenanthrene	17.344	178	587890	36.529	ng/ul	99
74) Anthracene	17.432	178	587200	36.055	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.355	216	143683	34.242	ng/ul	97
76) Pentachlorobenzene	14.876	250	161522	36.043	ng/ul	98
77) Carbazole	17.702	167	556358	37.772	ng/ul	100
78) Di-n-butylphthalate	18.255	149	701612	37.394	ng/ul	99
80) Fluoranthene	19.353	202	728836	35.970	ng/ul	100
82) Pyrene	19.718	202	743612	36.458	ng/ul	99
83) Butylbenzylphthalate	20.599	149	306645	37.076	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	271308	40.363	ng/ul	100
85) Benzo(a)anthracene	21.533	228	740983	37.169	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	444317	37.488	ng/ul	97
87) Chrysene	21.604	228	698415	37.372	ng/ul	99
89) Di-n-octyl phthalate	22.620	149	796086	37.241	ng/ul	100
90) Benzo(b)fluoranthene	23.707	252	785014	36.442	ng/ul	100
91) Benzo(k)fluoranthene	23.772	252	800187	37.897	ng/ul	99
93) Benzo(a)pyrene	24.559	252	713508	37.422	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.308	276	948603	37.466	ng/ul	98
95) Dibenzo(a,h)anthracene	28.366	278	794296	38.045	ng/ul	97
96) Benzo(g,h,i)perylene	29.430	276	774877	37.470	ng/ul	98

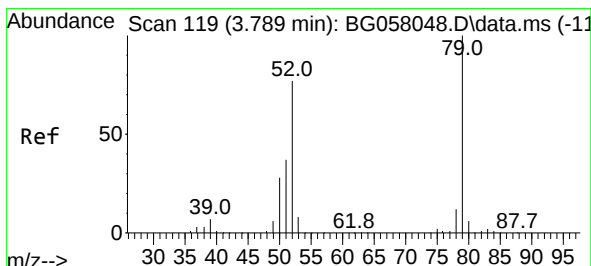
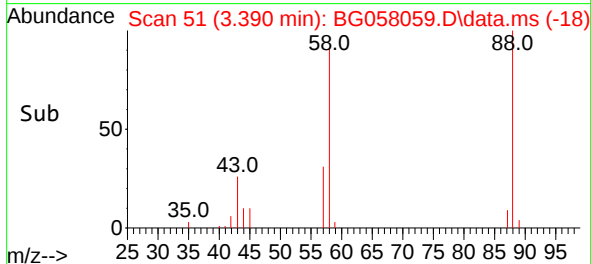
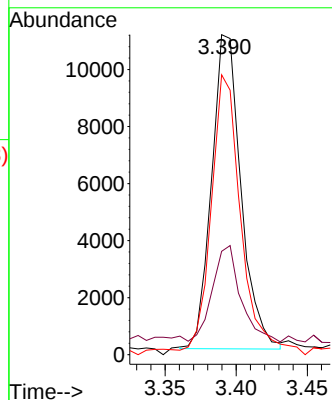
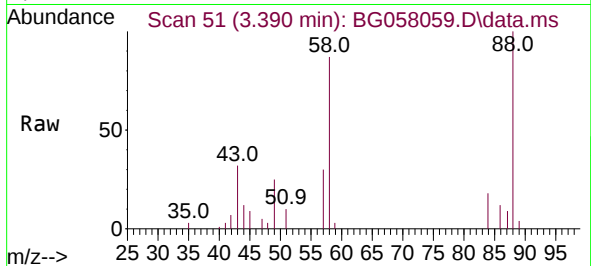
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#2
1,4-Dioxane
Concen: 12.221 ng/uL
RT: 3.390 min Scan# 51
Delta R.T. -0.009 min
Lab File: BG058059.D
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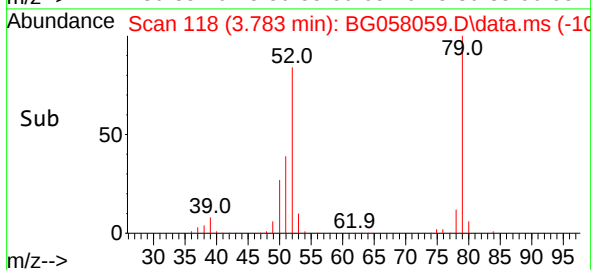
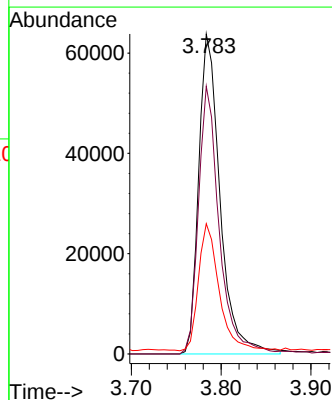
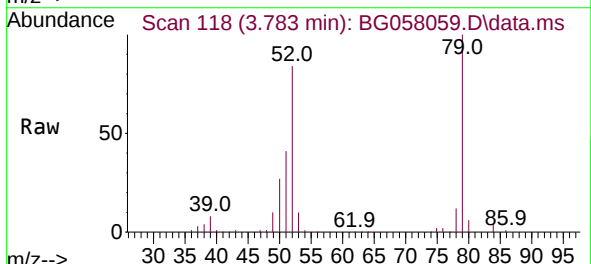
Instrument :
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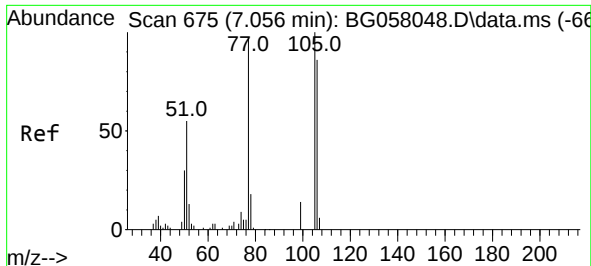
Tgt Ion: 88 Resp: 15871
Ion Ratio Lower Upper
88 100
43 32.3 20.6 30.8#
58 87.5 65.5 98.3



#5
Pyridine
Concen: 32.320 ng/uL
RT: 3.783 min Scan# 118
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion: 79 Resp: 105682
Ion Ratio Lower Upper
79 100
52 83.7 68.6 102.8
51 40.7 29.4 44.0

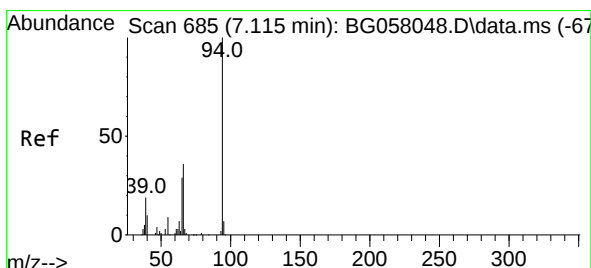
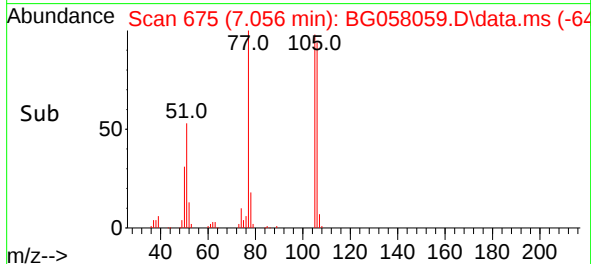
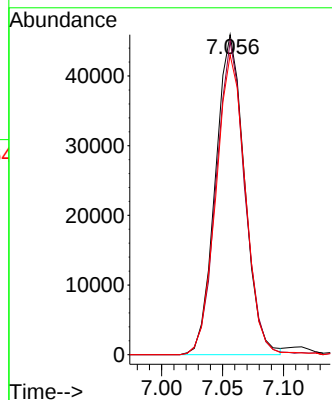
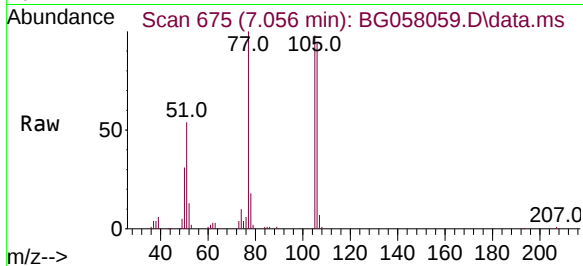




#6
Benzaldehyde
Concen: 60.704 ng/ul
RT: 7.056 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

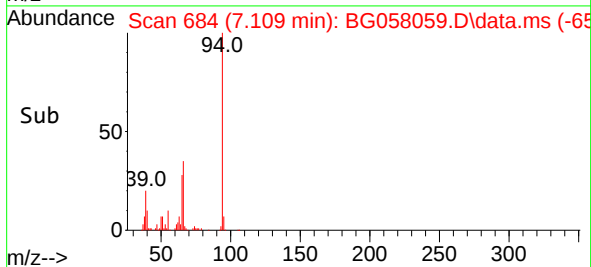
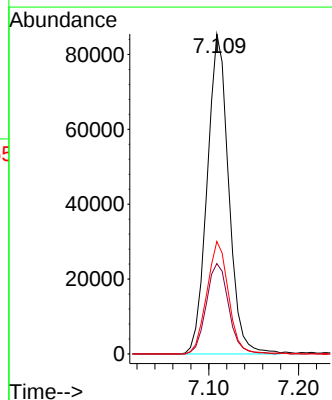
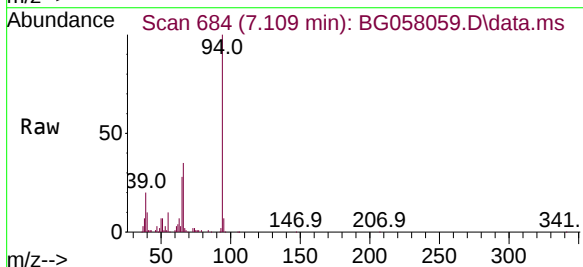
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ClientSampleId :
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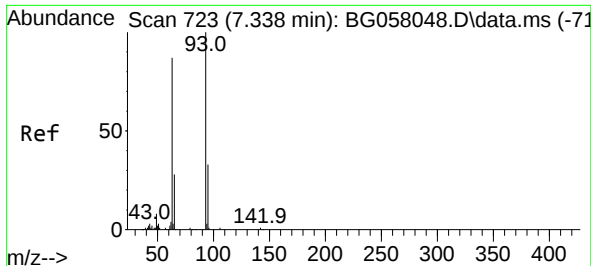
Tgt Ion: 77 Resp: 76210
Ion Ratio Lower Upper
77 100
105 97.9 74.7 112.1
106 93.7 75.9 113.9



#8
Phenol
Concen: 37.228 ng/ul
RT: 7.109 min Scan# 684
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion: 94 Resp: 142017
Ion Ratio Lower Upper
94 100
65 28.2 22.2 33.4
66 35.1 28.6 43.0





#10

Bis(2-Chloroethyl)ether

Concen: 34.771 ng/ul

RT: 7.338 min Scan# 71

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

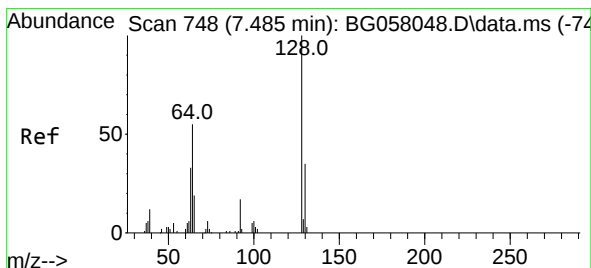
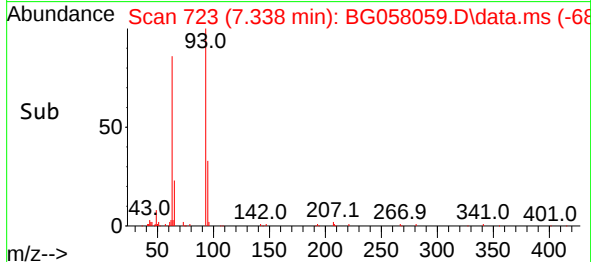
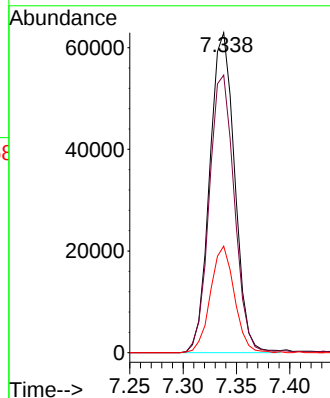
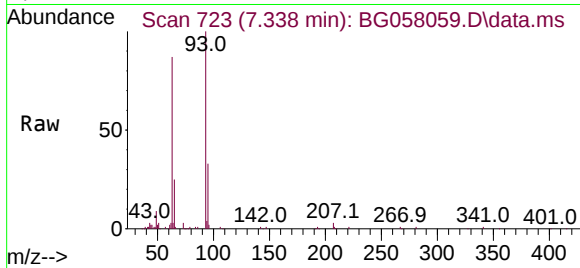
Tgt Ion: 93 Resp: 102417

Ion Ratio Lower Upper

93 100

63 86.7 69.4 104.0

95 33.3 27.0 40.6



#12

2-Chlorophenol

Concen: 35.726 ng/ul

RT: 7.485 min Scan# 748

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

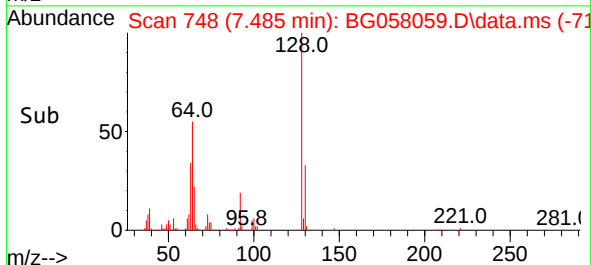
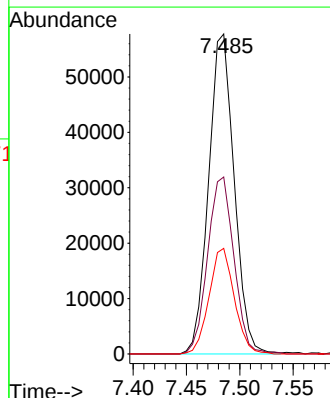
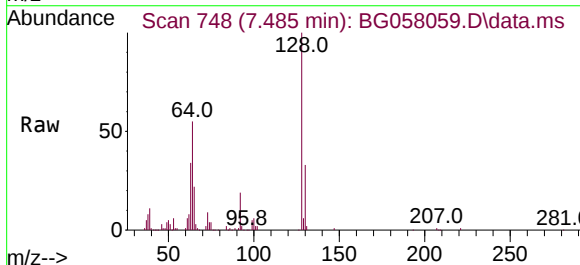
Tgt Ion:128 Resp: 96389

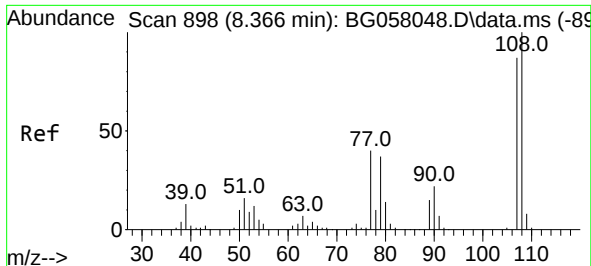
Ion Ratio Lower Upper

128 100

64 55.3 44.3 66.5

130 33.0 27.3 40.9





#13

2-Methylphenol

Concen: 35.603 ng/ul

RT: 8.360 min Scan# 898

Delta R.T. -0.009 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

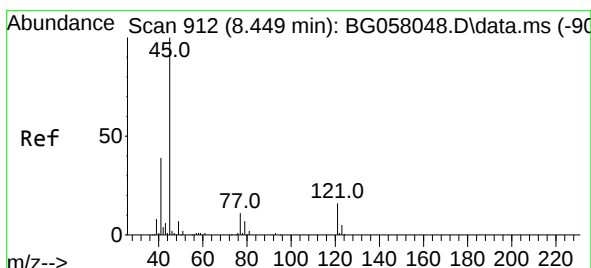
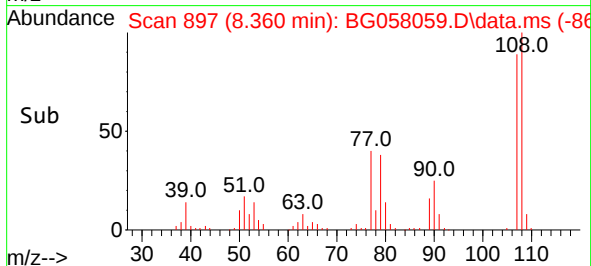
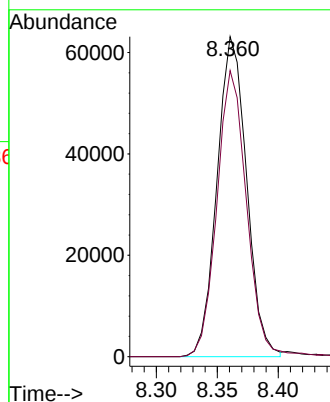
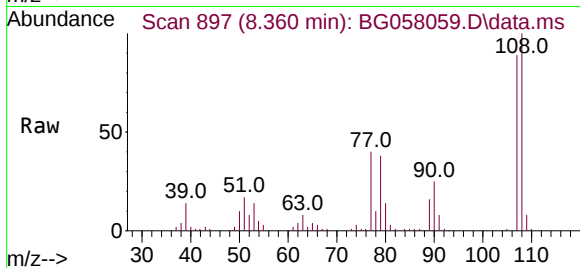
SSTD020497

Tgt Ion:108 Resp: 106666

Ion Ratio Lower Upper

108 100

107 89.4 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.062 ng/ul

RT: 8.443 min Scan# 911

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

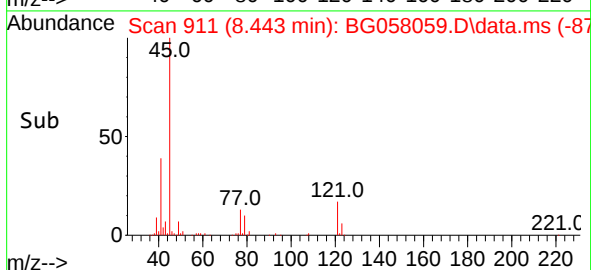
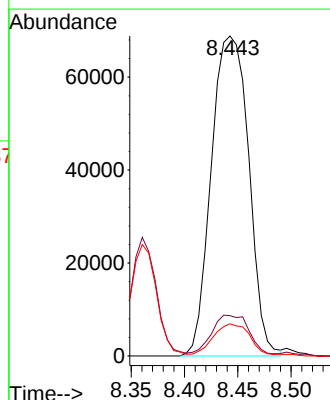
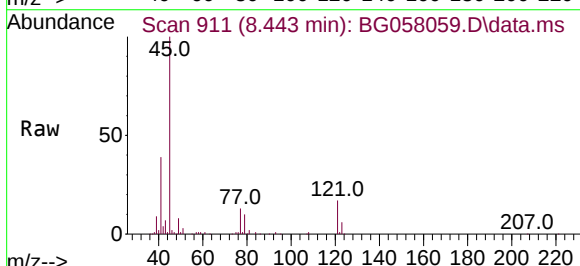
Tgt Ion: 45 Resp: 168042

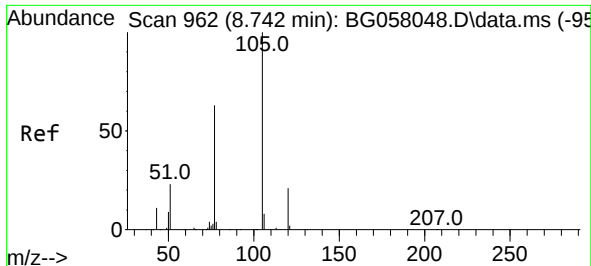
Ion Ratio Lower Upper

45 100

77 12.6 9.4 14.2

79 10.1 8.3 12.5

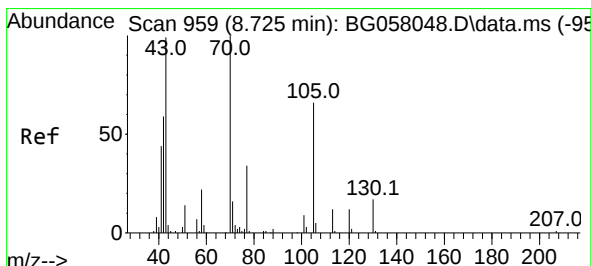
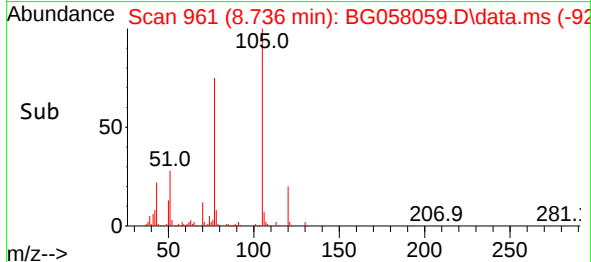
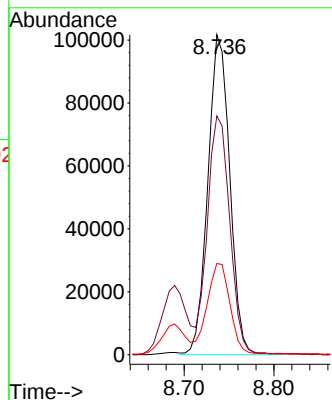
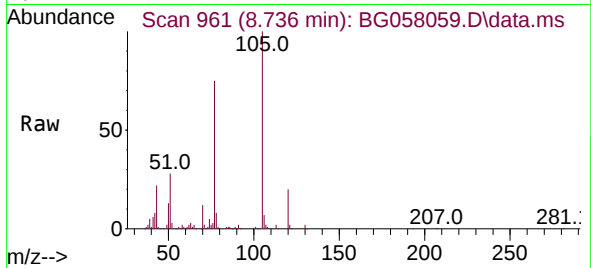




#16
Acetophenone
Concen: 36.661 ng/ul
RT: 8.736 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

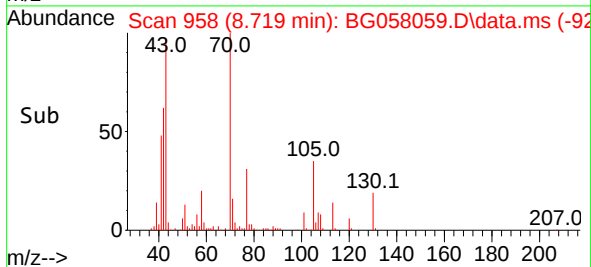
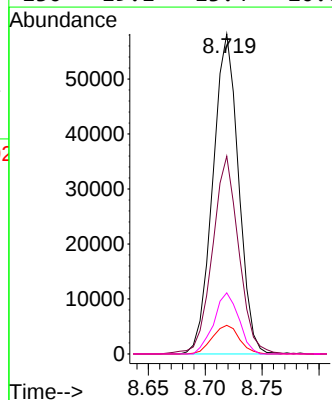
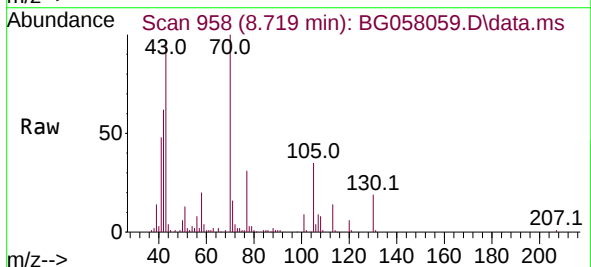
Instrument :
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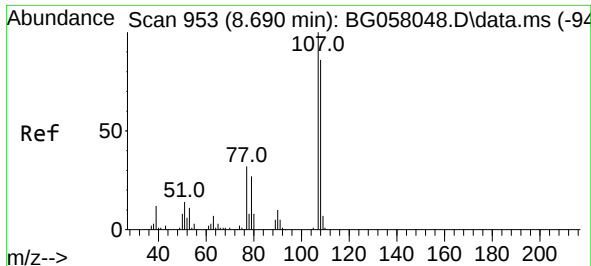
Tgt Ion:105 Resp: 172530
Ion Ratio Lower Upper
105 100
77 74.6 61.2 91.8
51 28.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 36.309 ng/ul
RT: 8.719 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion: 70 Resp: 91347
Ion Ratio Lower Upper
70 100
42 61.8 48.0 72.0
101 8.9 7.4 11.2
130 19.1 13.4 20.0

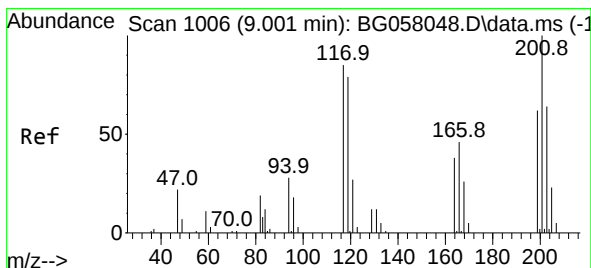
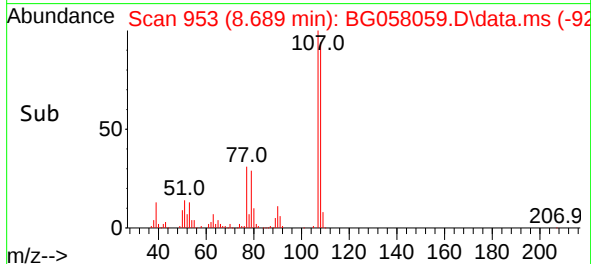
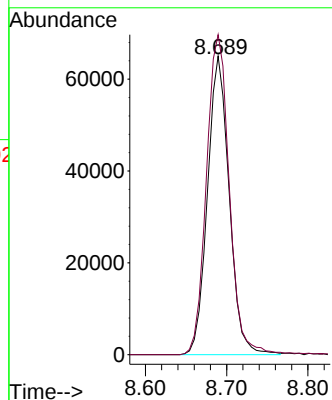
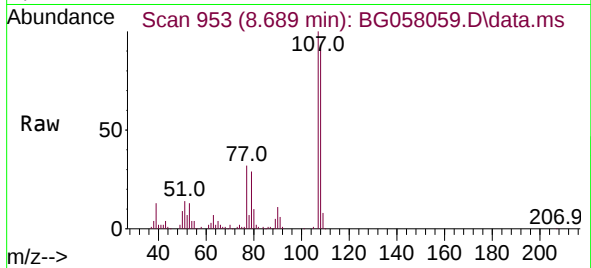




#18
4-Methylphenol
Concen: 37.321 ng/ul
RT: 8.689 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

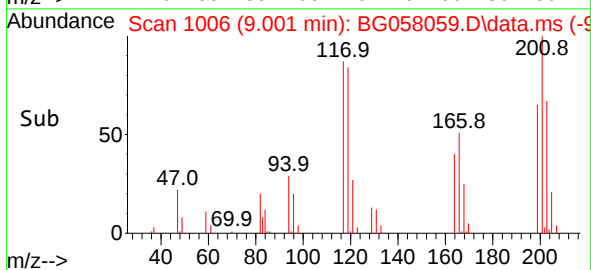
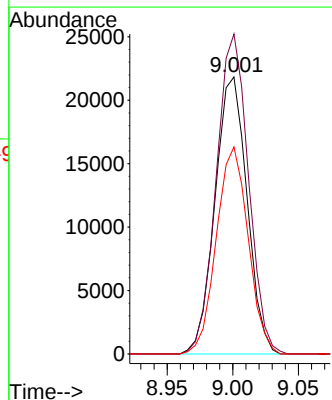
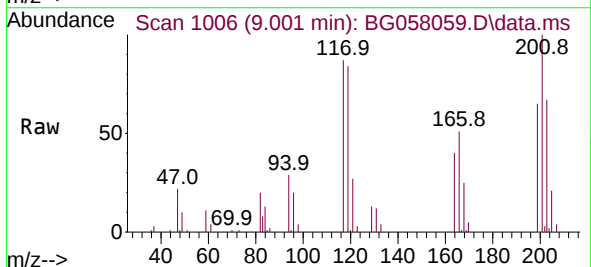
Instrument :
BNA_G
ClientSampleId :
SSTD020497

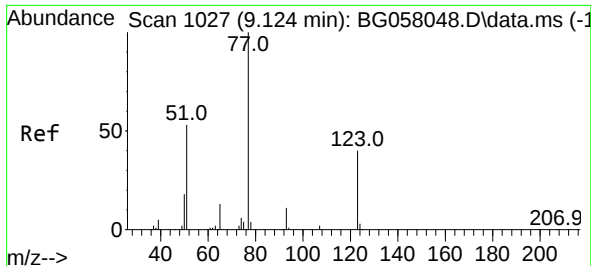
Tgt Ion:108 Resp: 120903
Ion Ratio Lower Upper
108 100
107 107.2 91.1 136.7



#19
Hexachloroethane
Concen: 35.829 ng/ul
RT: 9.001 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:117 Resp: 37058
Ion Ratio Lower Upper
117 100
201 115.5 94.0 141.0
199 74.7 59.8 89.6

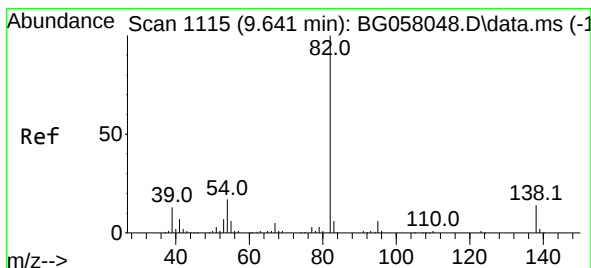
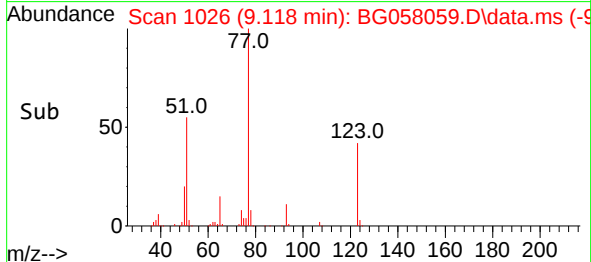
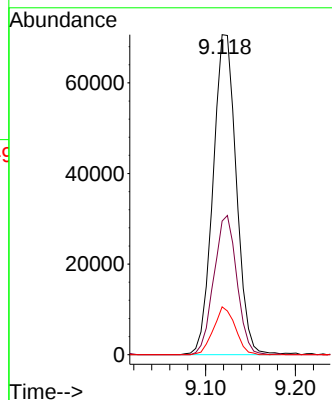
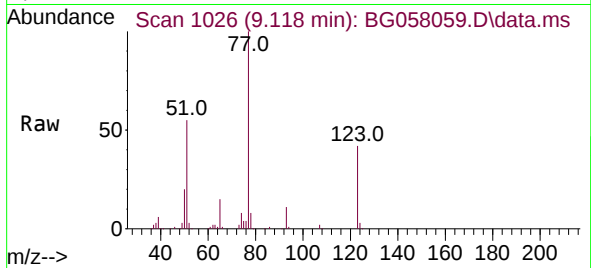




#22
Nitrobenzene
Concen: 35.650 ng/ul
RT: 9.118 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

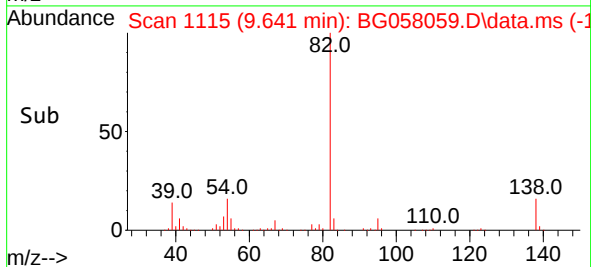
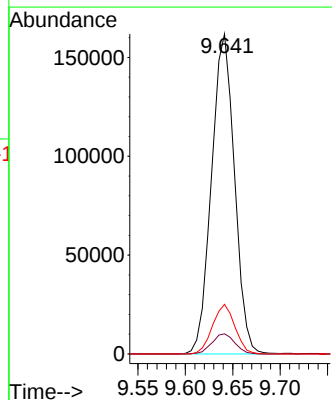
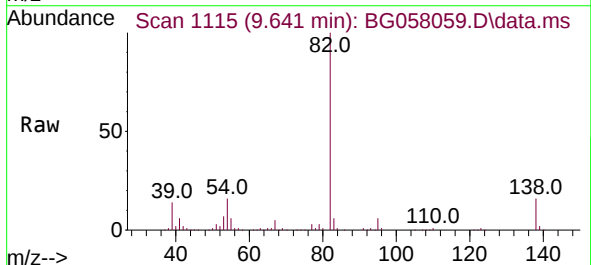
Instrument :
BNA_G
ClientSampleId :
SSTD020497

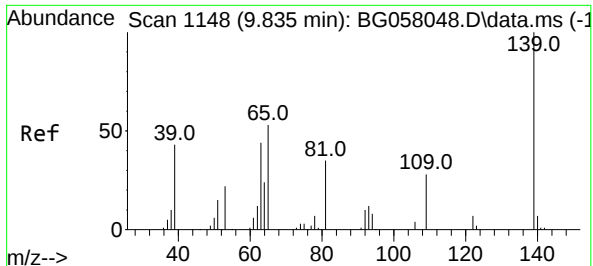
Tgt Ion: 77 Resp: 127209
Ion Ratio Lower Upper
77 100
123 41.8 33.3 49.9
65 15.0 10.4 15.6



#23
Isophorone
Concen: 35.886 ng/ul
RT: 9.641 min Scan# 1115
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion: 82 Resp: 273231
Ion Ratio Lower Upper
82 100
95 6.3 4.8 7.2
138 15.5 11.4 17.0





#25

2-Nitrophenol

Concen: 36.685 ng/ul

RT: 9.835 min Scan# 1148

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

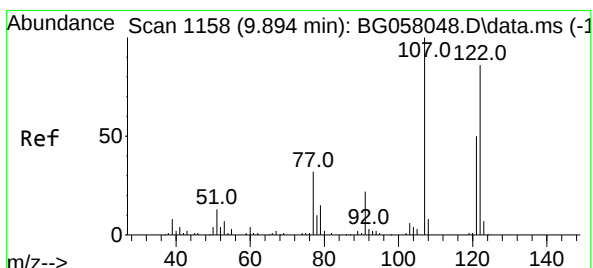
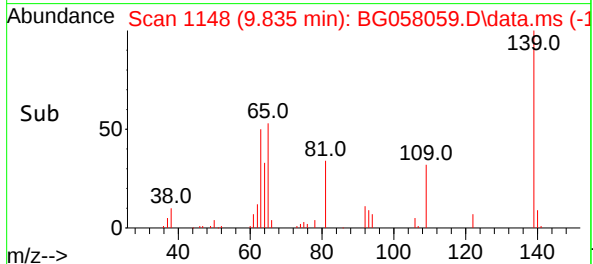
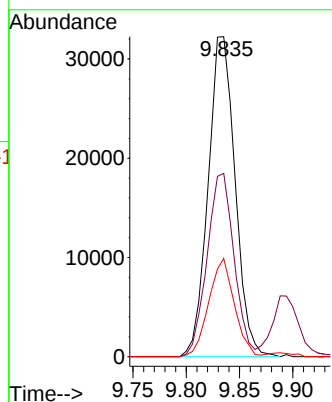
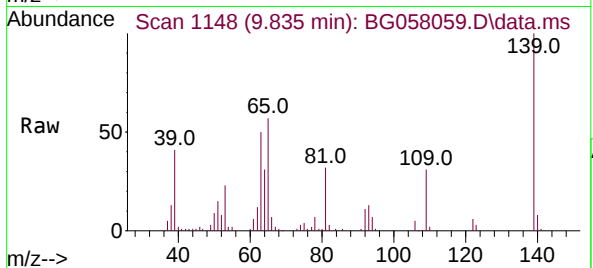
Tgt Ion:139 Resp: 56867

Ion Ratio Lower Upper

139 100

65 57.3 42.6 64.0

109 30.7 20.7 31.1



#26

2,4-Dimethylphenol

Concen: 32.375 ng/ul

RT: 9.894 min Scan# 1158

Delta R.T. -0.009 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

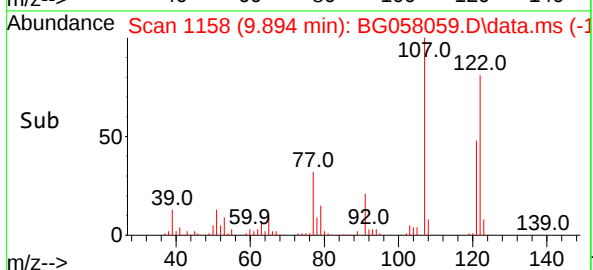
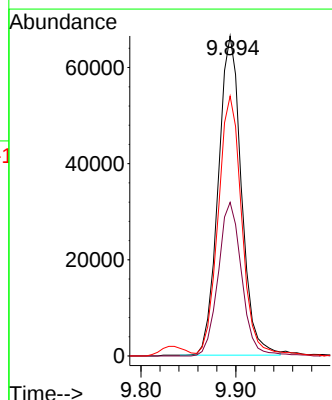
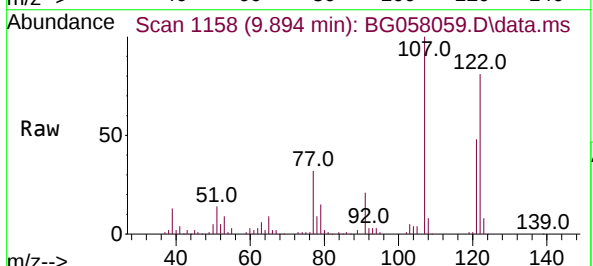
Tgt Ion:107 Resp: 112850

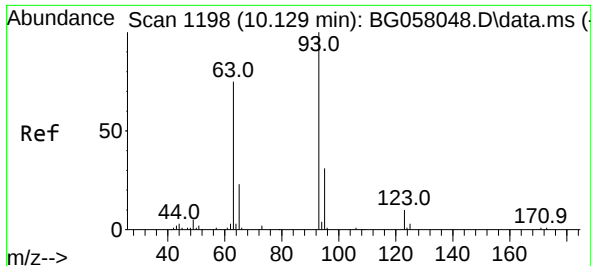
Ion Ratio Lower Upper

107 100

121 48.0 40.6 60.8

122 81.2 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 35.452 ng/ul

RT: 10.123 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

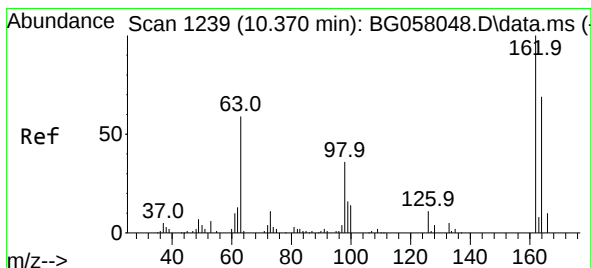
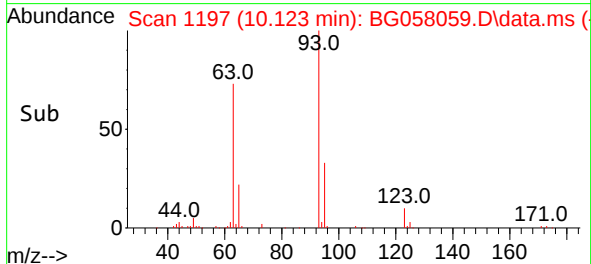
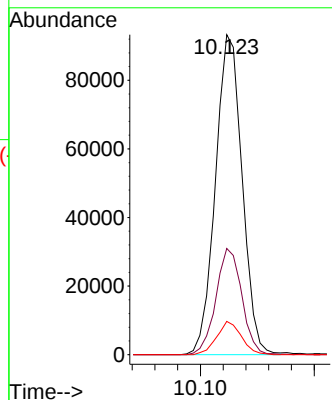
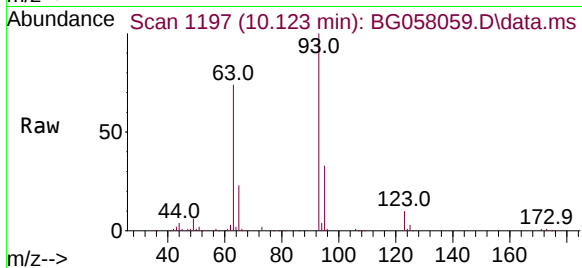
Tgt Ion: 93 Resp: 152108

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 10.4 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 37.309 ng/ul

RT: 10.370 min Scan# 1239

Delta R.T. -0.009 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

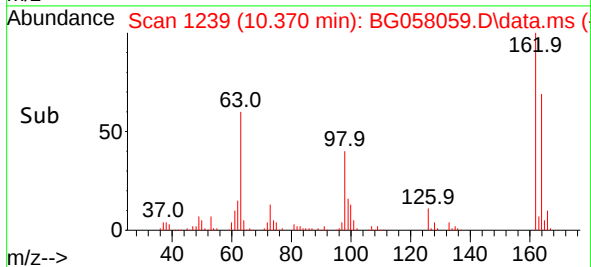
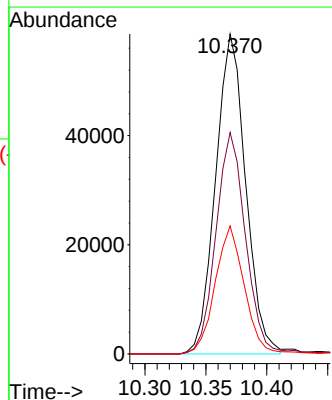
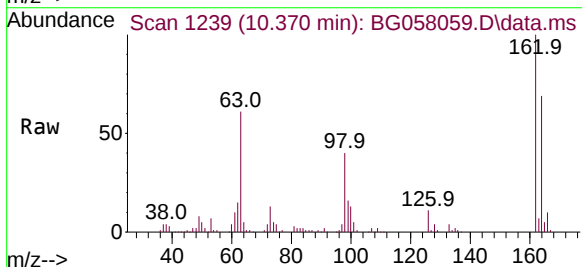
Tgt Ion:162 Resp: 100528

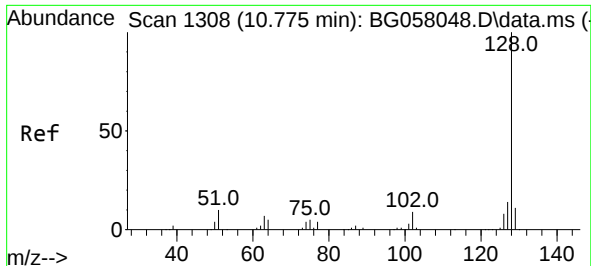
Ion Ratio Lower Upper

162 100

164 69.2 51.1 76.7

98 40.0 27.9 41.9

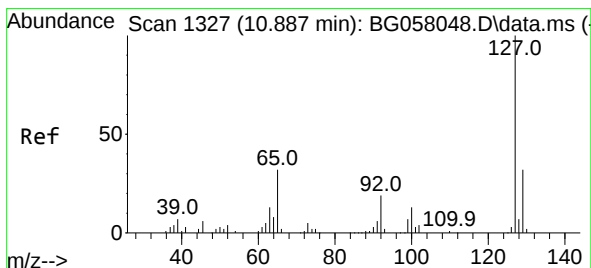
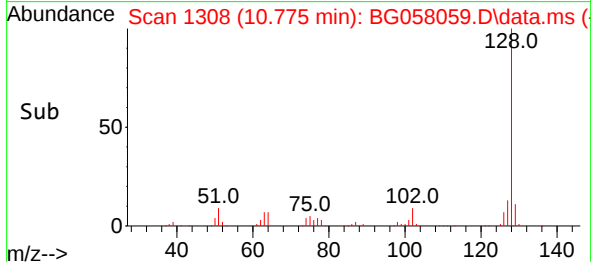
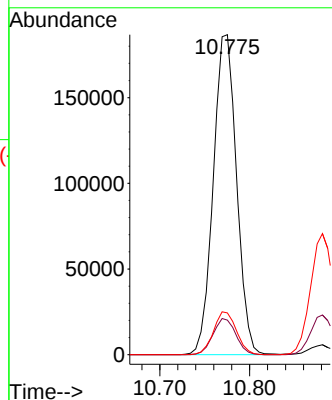
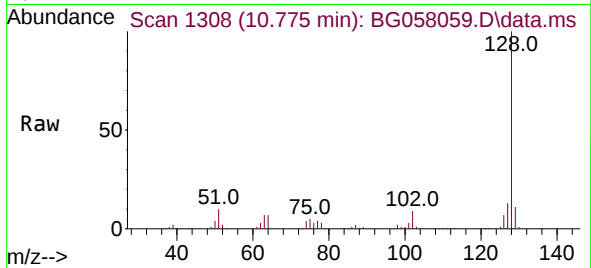




#30
Naphthalene
Concen: 35.477 ng/ul
RT: 10.775 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

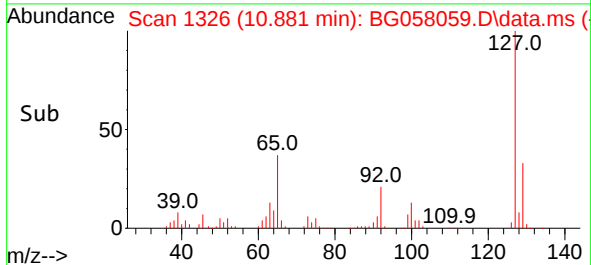
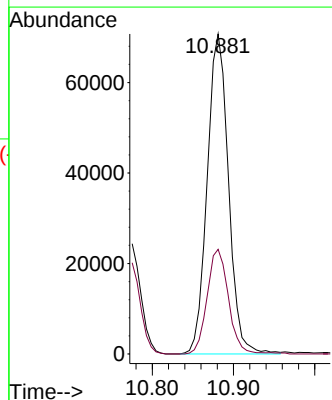
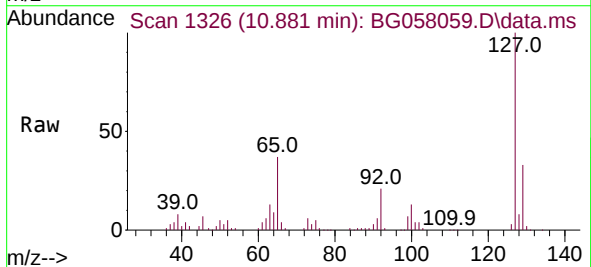
Instrument :
BNA_G
ClientSampleId :
SSTD020497

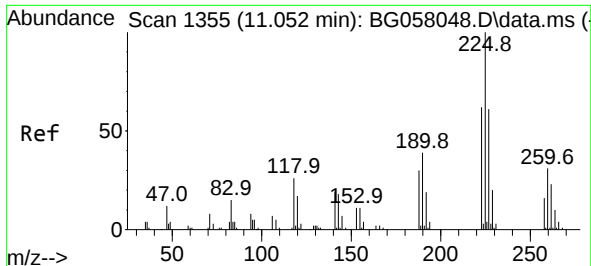
Tgt Ion:128 Resp: 336237
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.2 15.2



#32
4-Chloroaniline
Concen: 29.946 ng/ul
RT: 10.881 min Scan# 1326
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:127 Resp: 128653
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0

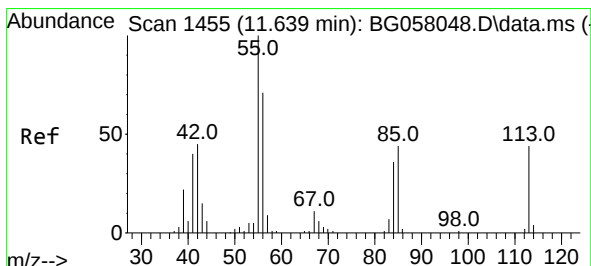
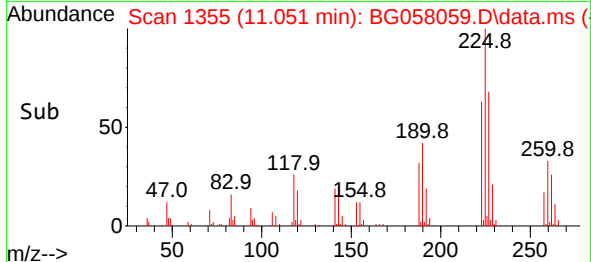
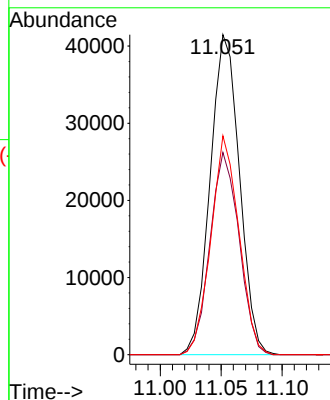
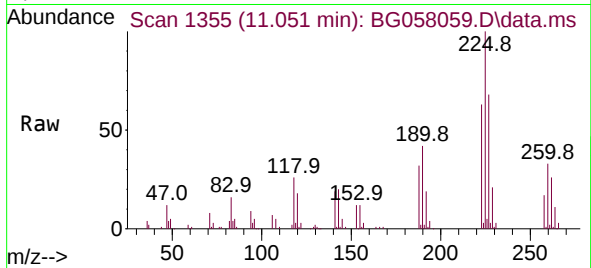




#33
Hexachlorobutadiene
Concen: 36.383 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

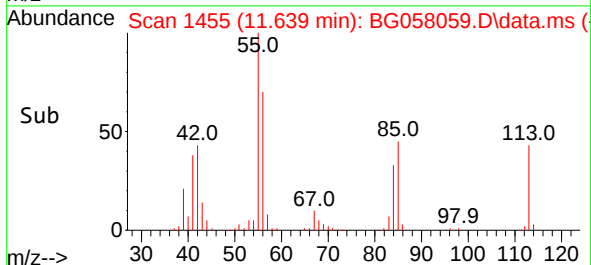
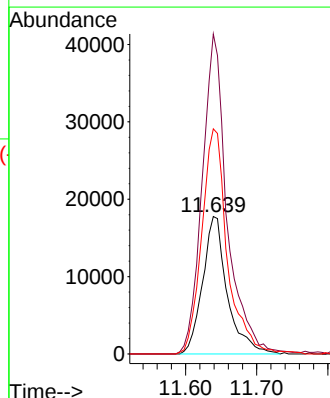
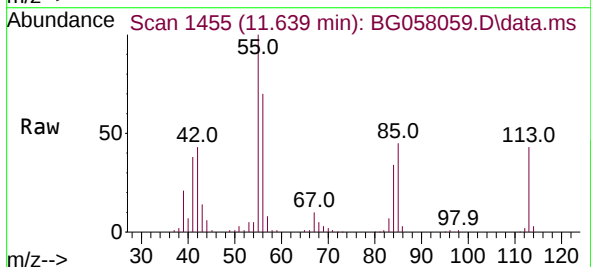
Instrument :
BNA_G
ClientSampleId :
SSTD020497

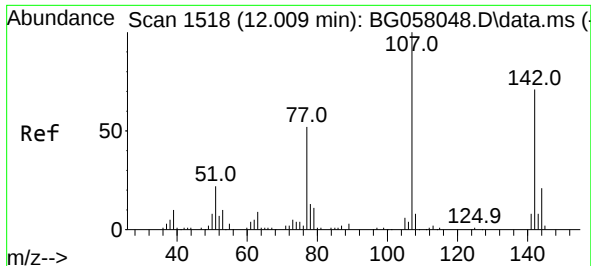
Tgt Ion:225 Resp: 69403
Ion Ratio Lower Upper
225 100
223 63.2 53.2 79.8
227 71.5 51.4 77.2



#34
Caprolactam
Concen: 39.669 ng/ul
RT: 11.639 min Scan# 1455
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:113 Resp: 42973
Ion Ratio Lower Upper
113 100
55 232.8 183.4 275.2
56 163.8 123.0 184.6



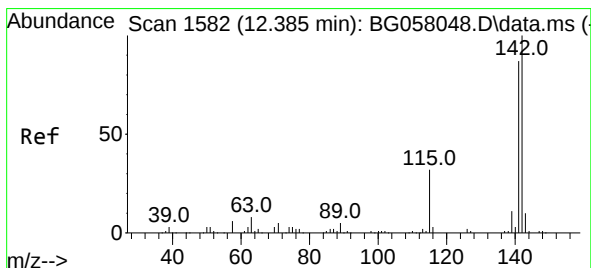
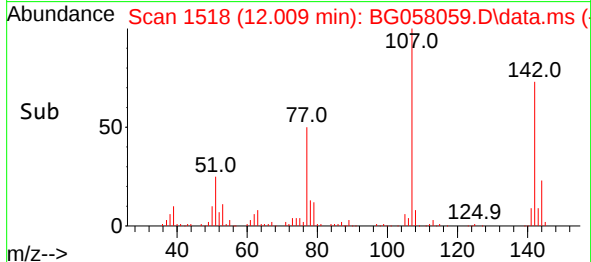
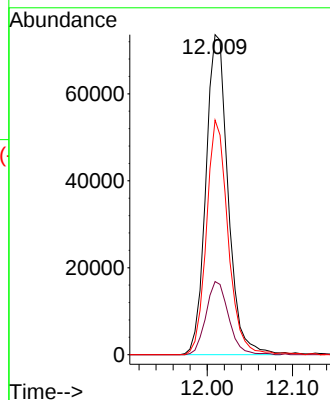
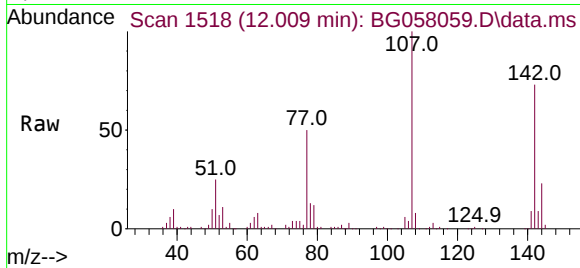


#35
 4-Chloro-3-methylphenol
 Concen: 40.237 ng/ul
 RT: 12.009 min Scan# 1518
 Delta R.T. -0.009 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020497

Tgt Ion:107 Resp: 133179

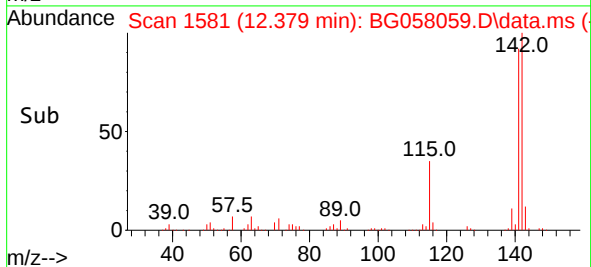
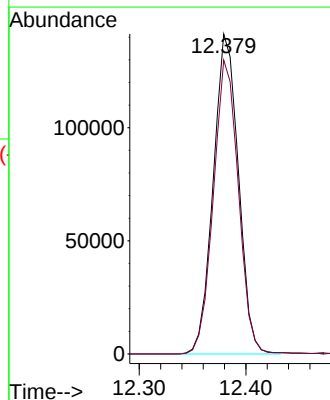
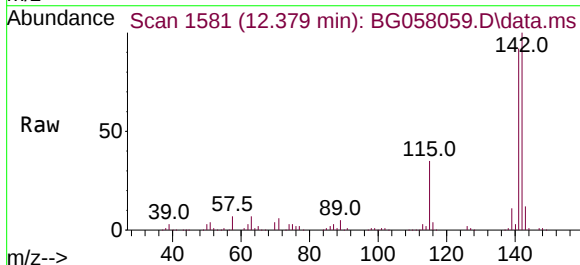
Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.0	28.4
142	73.3	58.4	87.6

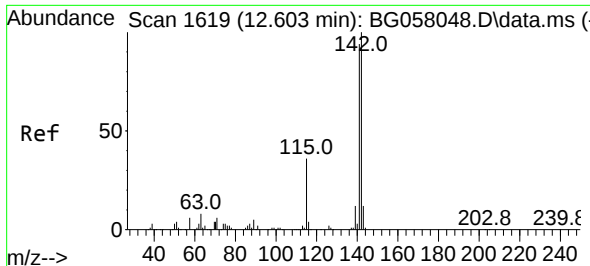


#36
 2-Methylnaphthalene
 Concen: 36.229 ng/ul
 RT: 12.379 min Scan# 1581
 Delta R.T. -0.009 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

Tgt Ion:142 Resp: 231458

Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.4	104.2

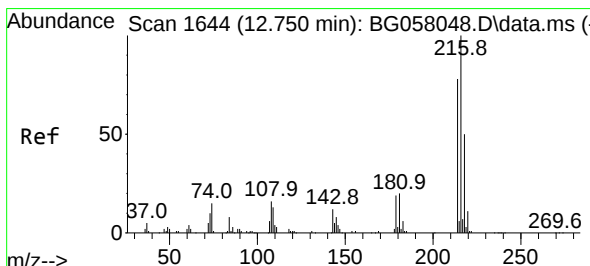
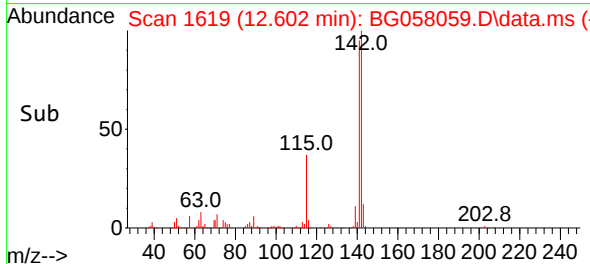
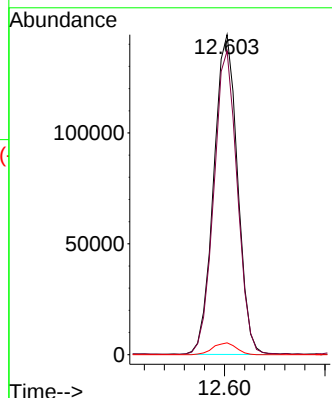
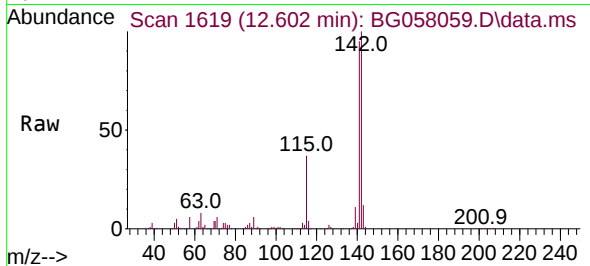




#37
1-Methylnaphthalene
Concen: 37.010 ng/ul
RT: 12.602 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

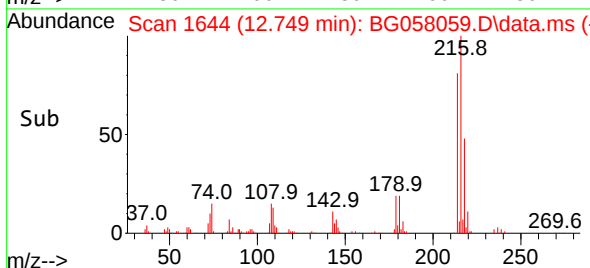
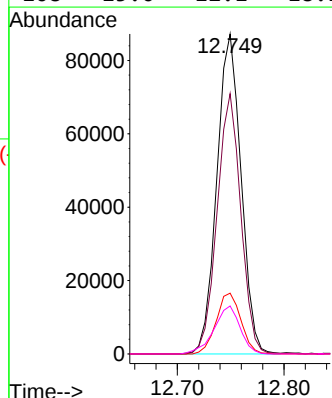
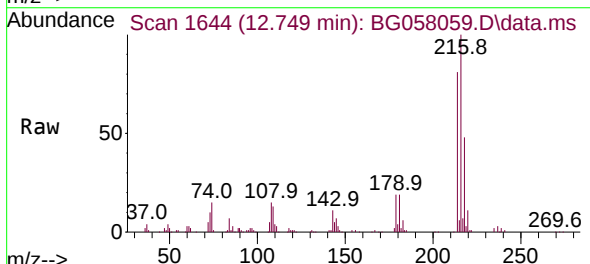
Instrument :
BNA_G
ClientSampleId :
SSTD020497

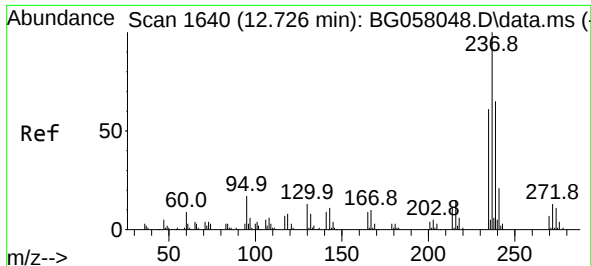
Tgt Ion:142 Resp: 237111
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.8
116 3.7 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.961 ng/ul
RT: 12.749 min Scan# 1644
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:216 Resp: 137519
Ion Ratio Lower Upper
216 100
214 81.4 64.1 96.1
179 19.0 16.0 24.0
108 15.0 12.1 18.1

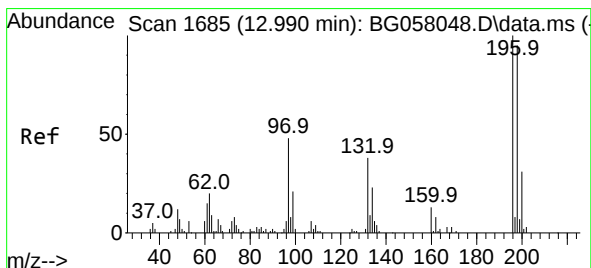
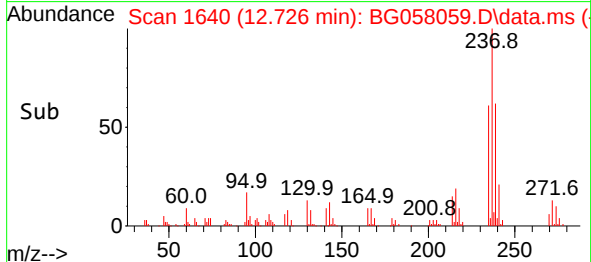
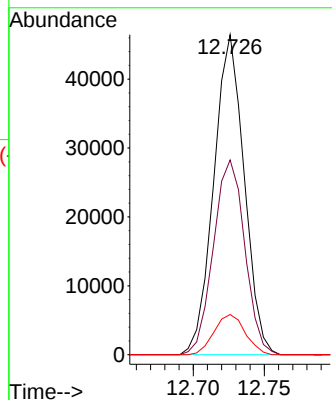
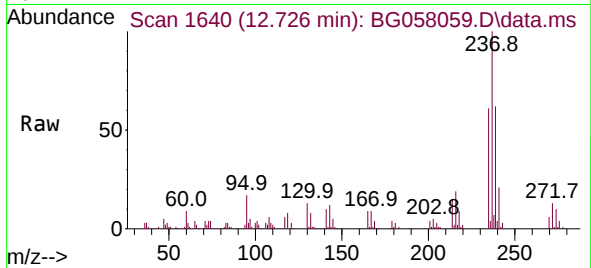




#40
Hexachlorocyclopentadiene
Concen: 28.686 ng/ul
RT: 12.726 min Scan# 1640
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

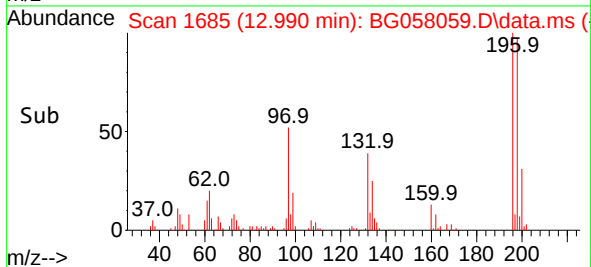
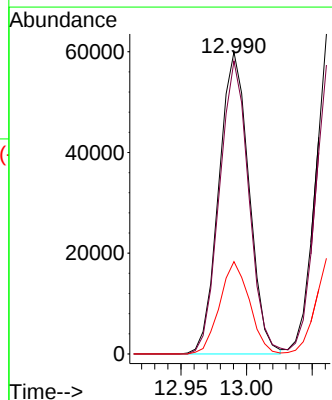
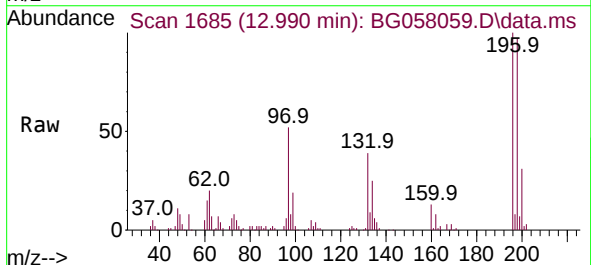
Instrument :
BNA_G
ClientSampleId :
SSTD020497

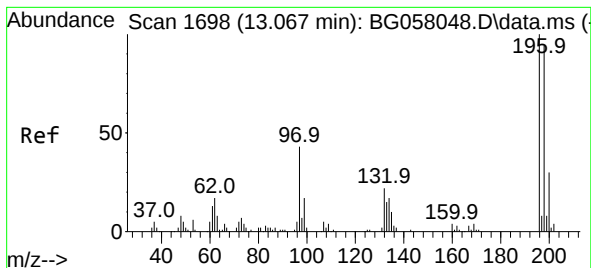
Tgt Ion:237 Resp: 69096
Ion Ratio Lower Upper
237 100
235 60.9 49.2 73.8
272 12.6 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 36.856 ng/ul
RT: 12.990 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:196 Resp: 95525
Ion Ratio Lower Upper
196 100
198 97.0 73.5 110.3
200 30.6 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 38.822 ng/ul

RT: 13.067 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058059.D

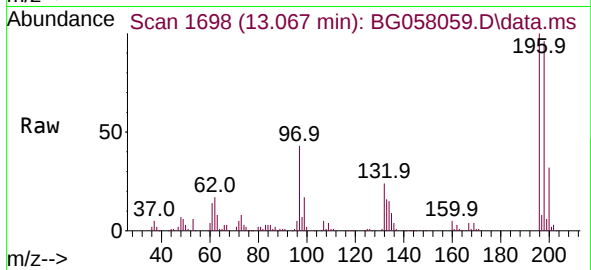
Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497



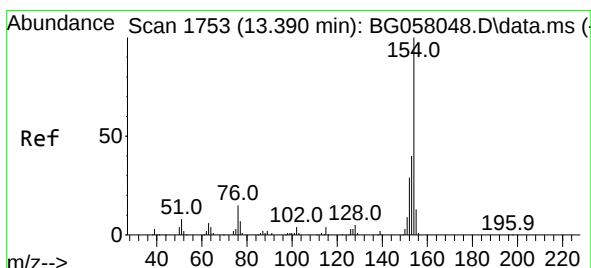
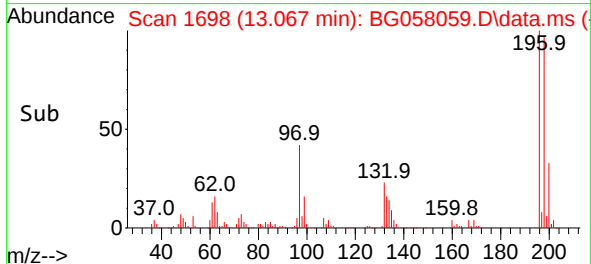
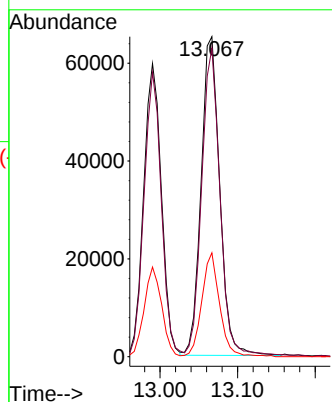
Tgt Ion:196 Resp: 108817

Ion Ratio Lower Upper

196 100

198 96.4 77.2 115.8

200 32.5 23.8 35.6



#43

1,1'-Biphenyl

Concen: 35.242 ng/ul

RT: 13.390 min Scan# 1753

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

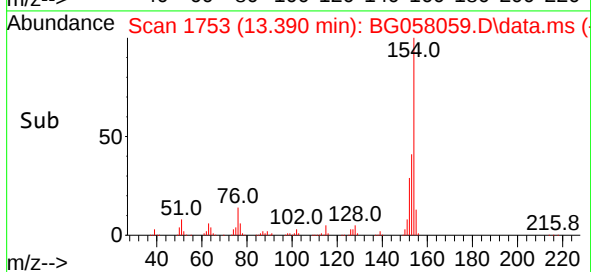
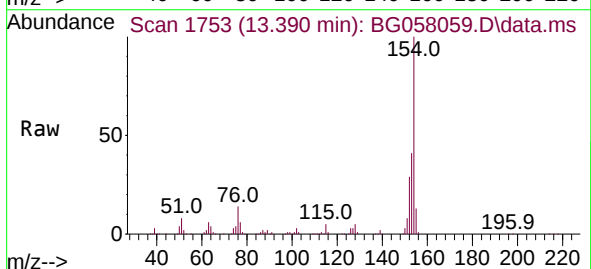
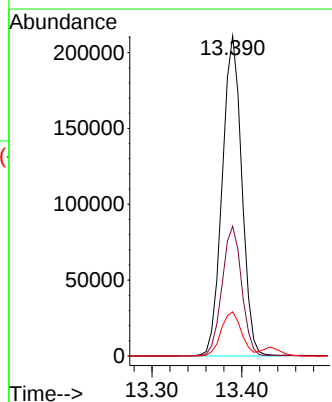
Tgt Ion:154 Resp: 318689

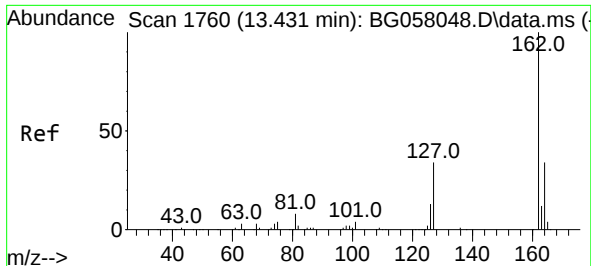
Ion Ratio Lower Upper

154 100

153 40.6 32.6 49.0

76 13.8 11.6 17.4

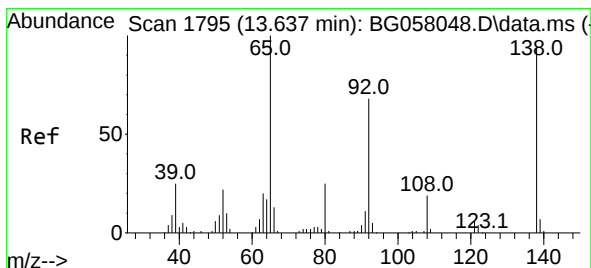
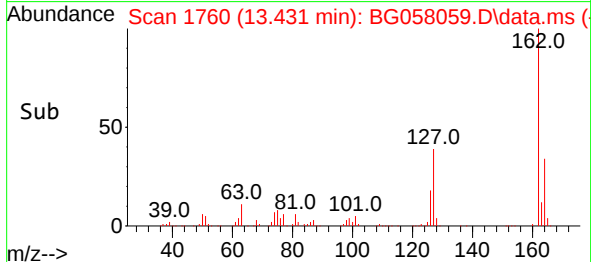
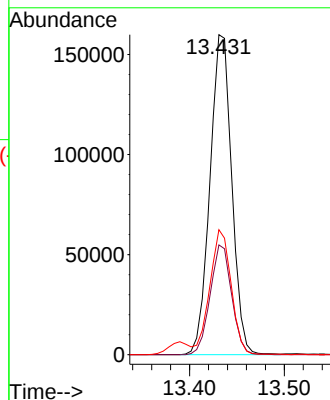
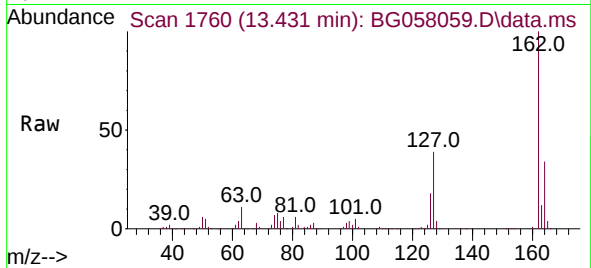




#44
2-Chloronaphthalene
Concen: 35.284 ng/ul
RT: 13.431 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

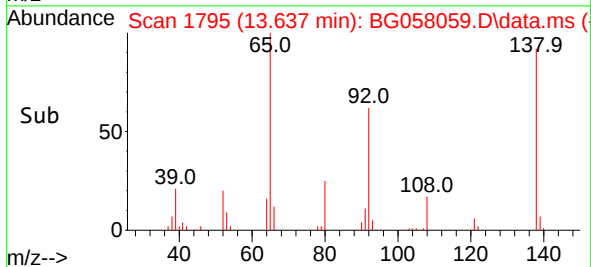
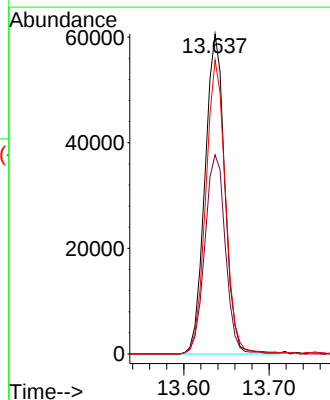
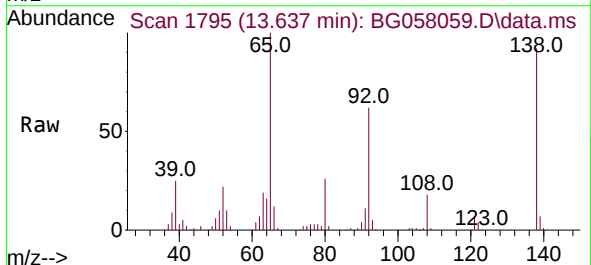
Instrument :
BNA_G
ClientSampleId :
SSTD020497

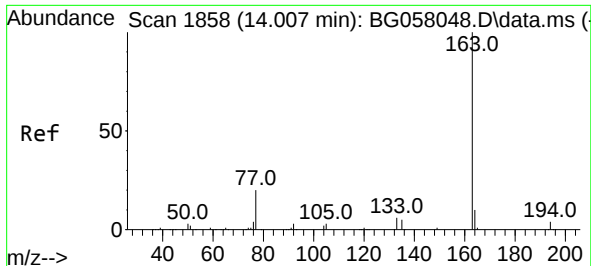
Tgt Ion:162 Resp: 256079
Ion Ratio Lower Upper
162 100
164 34.3 27.7 41.5
127 39.0 30.9 46.3



#45
2-Nitroaniline
Concen: 38.872 ng/ul
RT: 13.637 min Scan# 1795
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion: 65 Resp: 98088
Ion Ratio Lower Upper
65 100
92 62.3 53.2 79.8
138 91.9 71.1 106.7

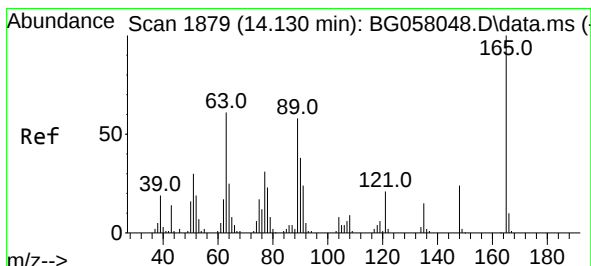
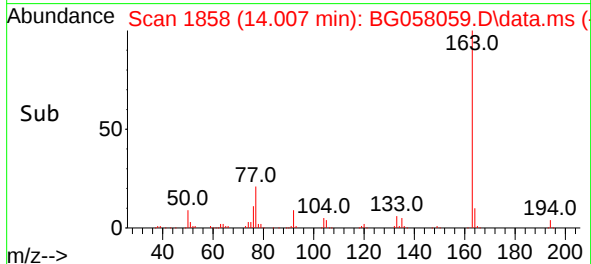
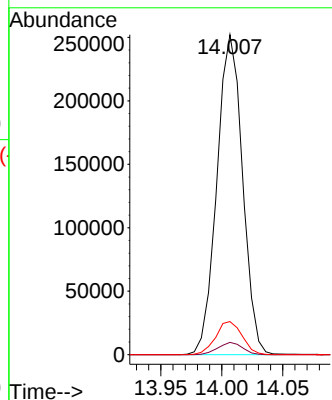
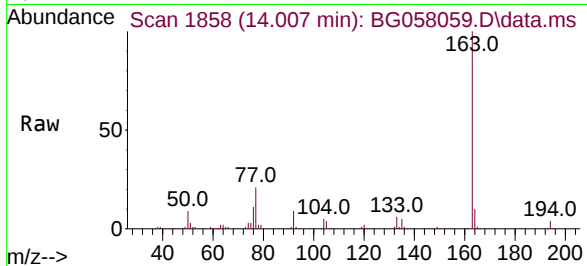




#47
Dimethylphthalate
Concen: 37.088 ng/ul
RT: 14.007 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

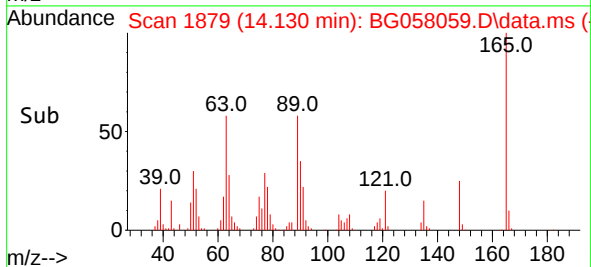
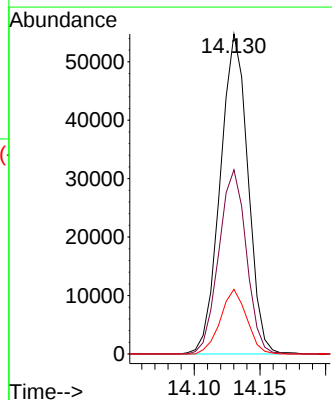
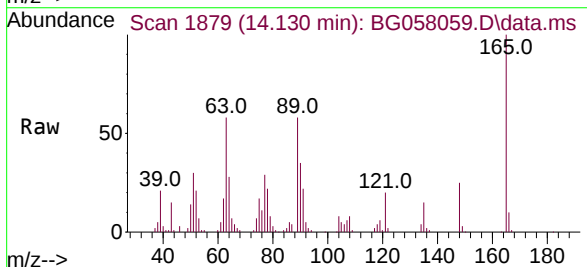
Instrument :
BNA_G
ClientSampleId :
SSTD020497

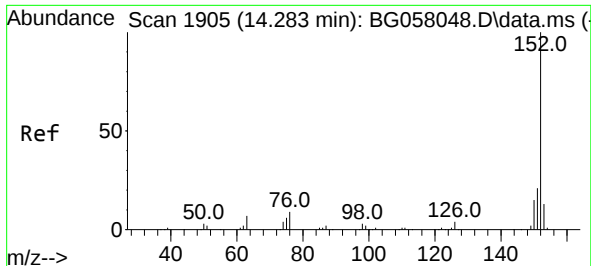
Tgt Ion:163 Resp: 368923
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 39.285 ng/ul
RT: 14.130 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:165 Resp: 80212
Ion Ratio Lower Upper
165 100
89 57.6 42.7 64.1
121 20.2 14.8 22.2

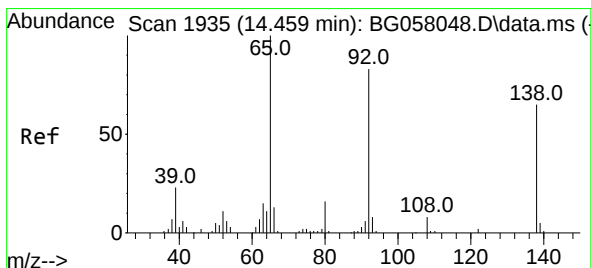
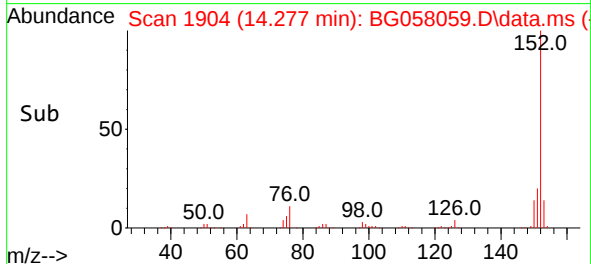
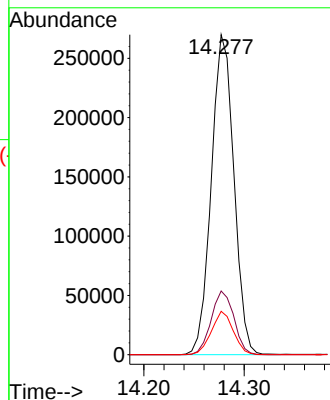
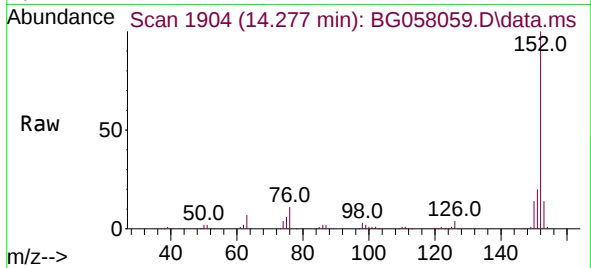




#50
Acenaphthylene
Concen: 36.206 ng/ul
RT: 14.277 min Scan# 1904
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

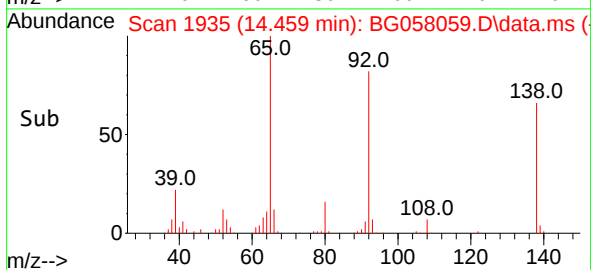
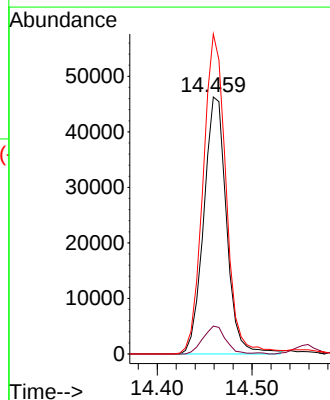
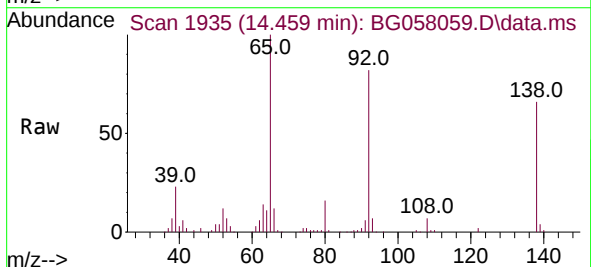
Instrument :
BNA_G
ClientSampleId :
SSTD020497

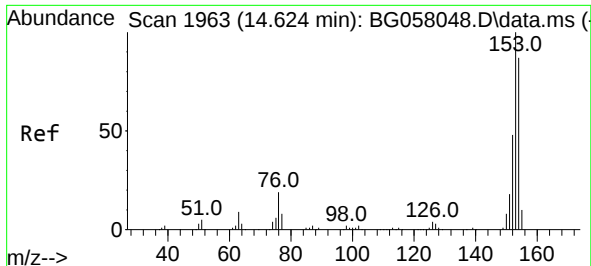
Tgt Ion:152 Resp: 422418
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.5 10.5 15.7



#51
3-Nitroaniline
Concen: 44.901 ng/ul
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:138 Resp: 77476
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 124.5 100.2 150.4

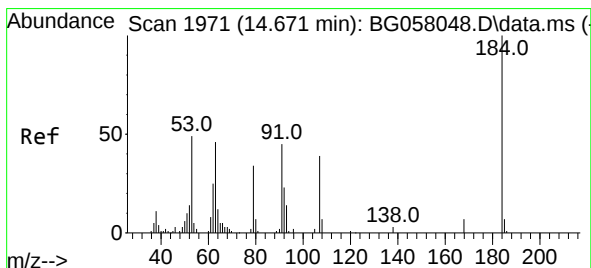
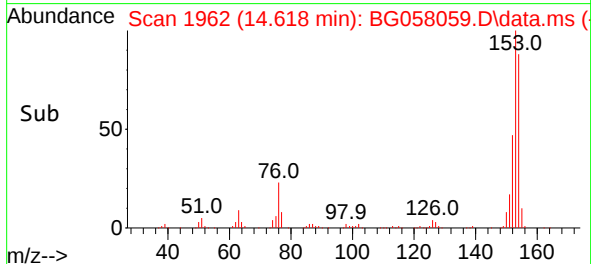
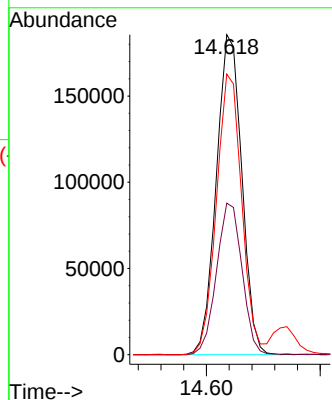
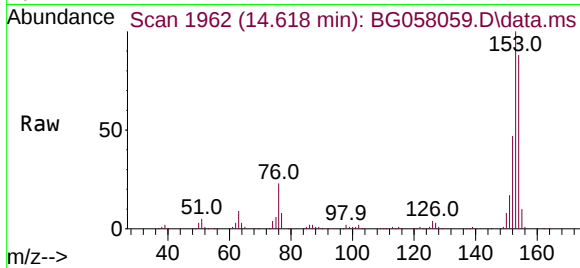




#52
Acenaphthene
Concen: 36.127 ng/ul
RT: 14.618 min Scan# 1962
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

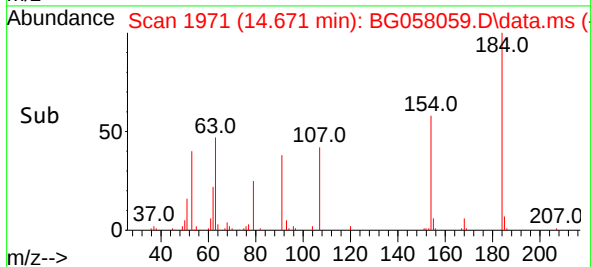
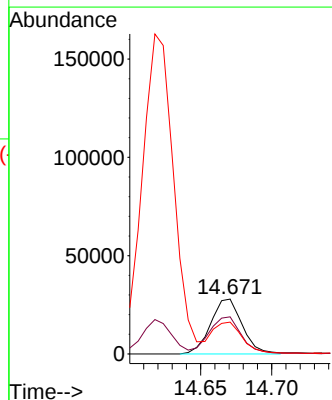
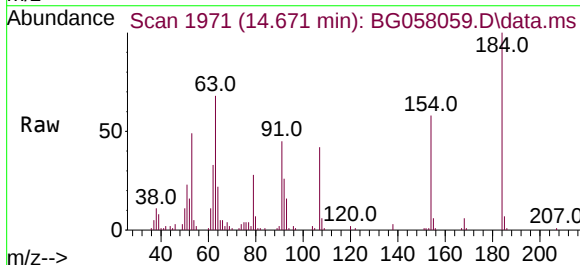
Instrument :
BNA_G
ClientSampleId :
SSTD020497

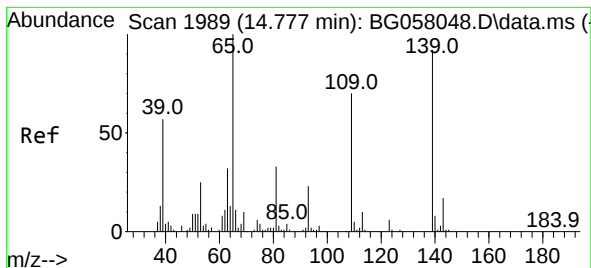
Tgt Ion:153 Resp: 289233
Ion Ratio Lower Upper
153 100
152 47.3 36.5 54.7
154 87.7 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 40.483 ng/ul
RT: 14.671 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:184 Resp: 43093
Ion Ratio Lower Upper
184 100
63 67.8 51.1 76.7
154 58.1 43.3 64.9

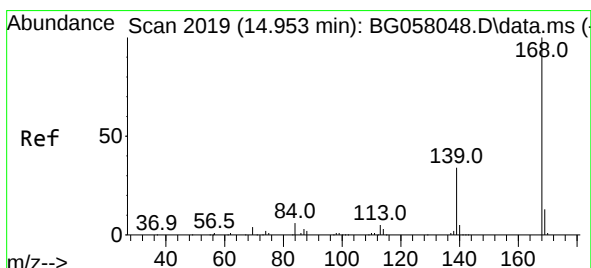
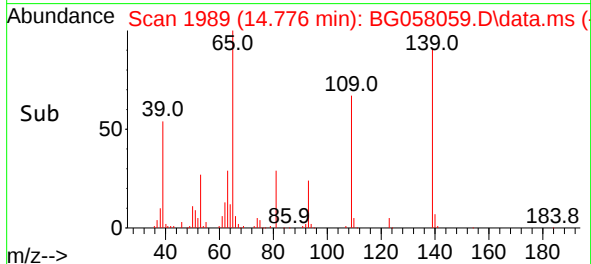
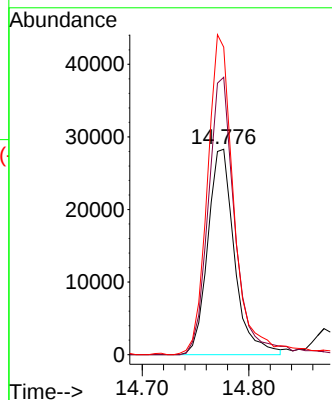
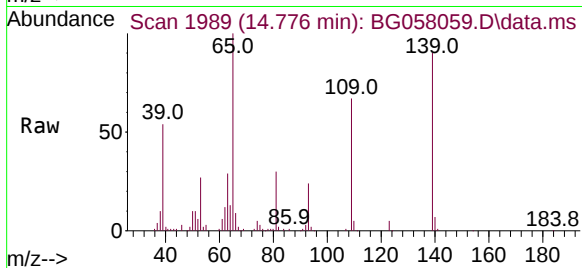




#55
4-Nitrophenol
Concen: 37.983 ng/ul
RT: 14.776 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

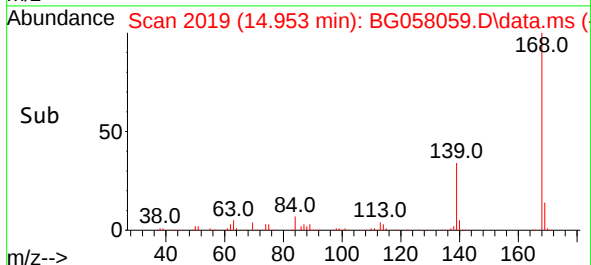
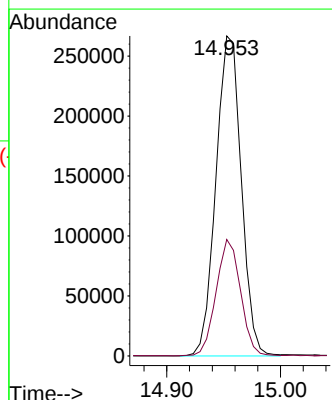
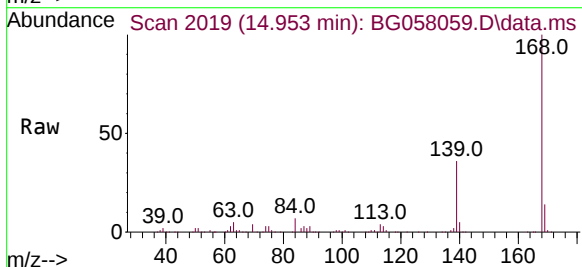
Instrument :
BNA_G
ClientSampleId :
SSTD020497

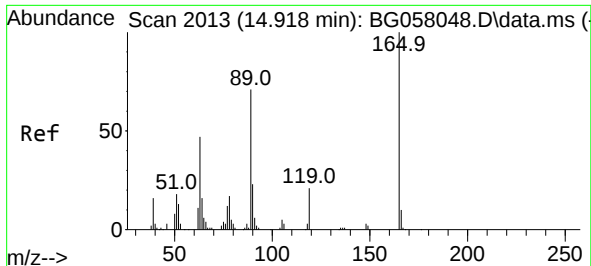
Tgt Ion:109 Resp: 49220
Ion Ratio Lower Upper
109 100
139 135.1 119.0 178.4
65 149.7 135.5 203.3



#56
Dibenzofuran
Concen: 36.324 ng/ul
RT: 14.953 min Scan# 2019
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:168 Resp: 413392
Ion Ratio Lower Upper
168 100
139 36.4 27.6 41.4





#57

2,4-Dinitrotoluene

Concen: 40.236 ng/ul

RT: 14.917 min Scan# 2013

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

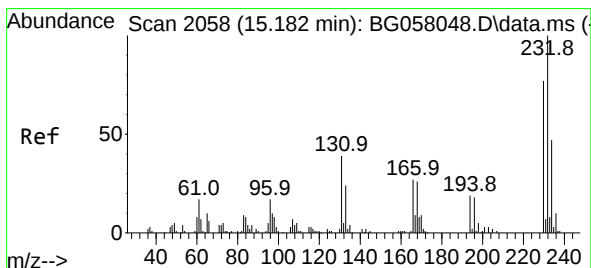
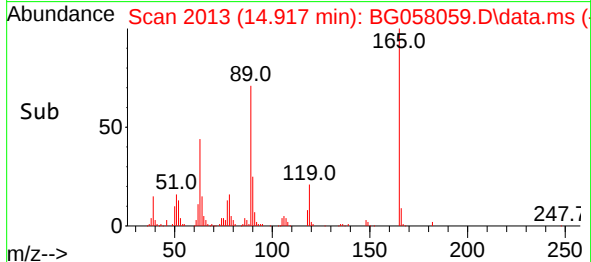
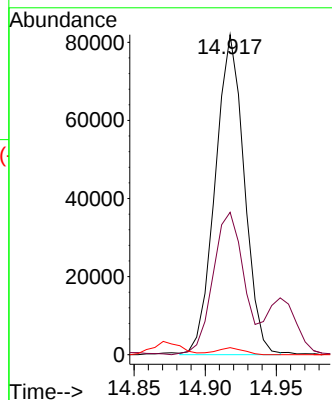
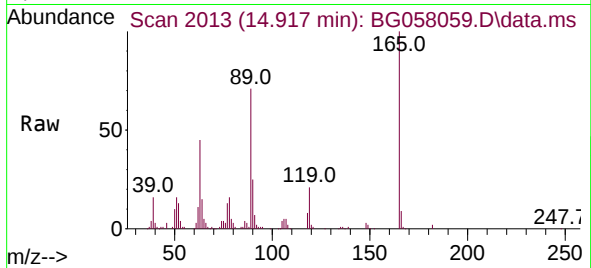
Tgt Ion:165 Resp: 116397

Ion Ratio Lower Upper

165 100

63 44.5 35.8 53.8

182 2.2 1.6 2.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.051 ng/ul

RT: 15.182 min Scan# 2058

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Tgt Ion:232 Resp: 94543

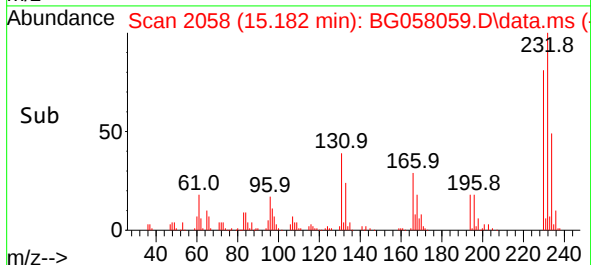
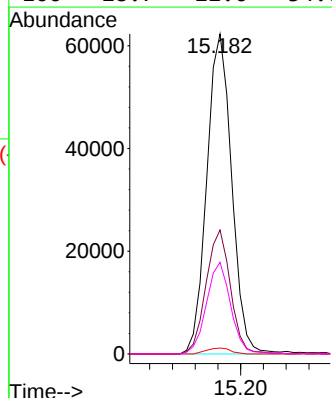
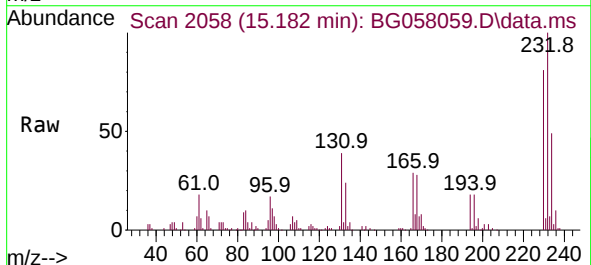
Ion Ratio Lower Upper

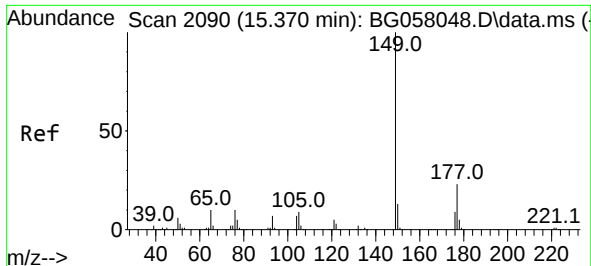
232 100

131 38.7 30.5 45.7

130 1.9 1.4 2.0

166 28.7 22.6 34.0

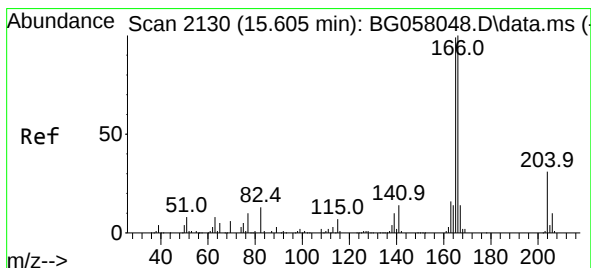
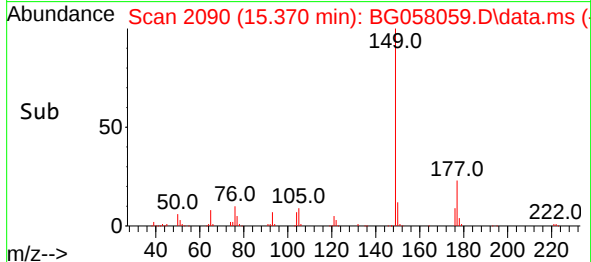
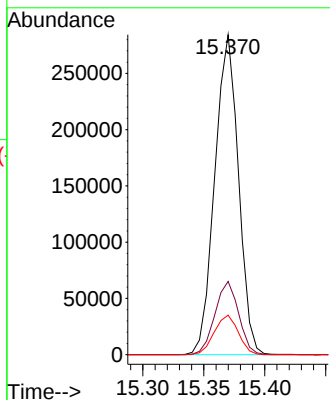
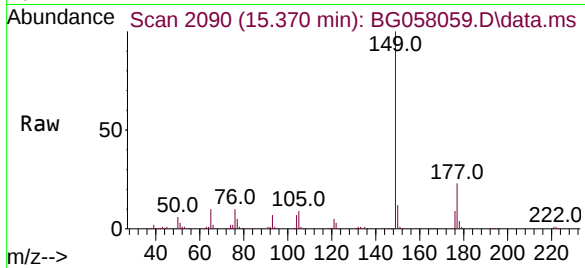




#59
Diethylphthalate
Concen: 37.004 ng/ul
RT: 15.370 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

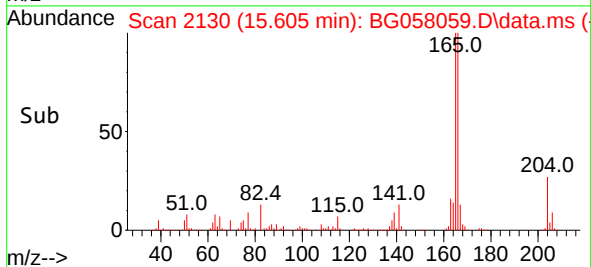
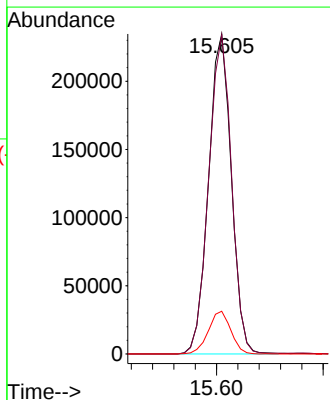
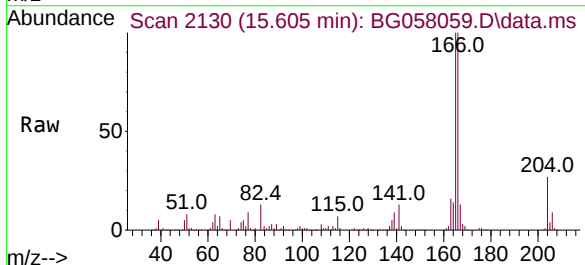
Instrument :
BNA_G
ClientSampleId :
SSTD020497

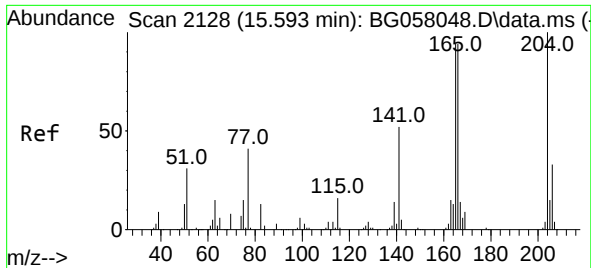
Tgt Ion:149 Resp: 384181
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.3 10.1 15.1



#61
Fluorene
Concen: 37.301 ng/ul
RT: 15.605 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:166 Resp: 348317
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 13.3 10.7 16.1

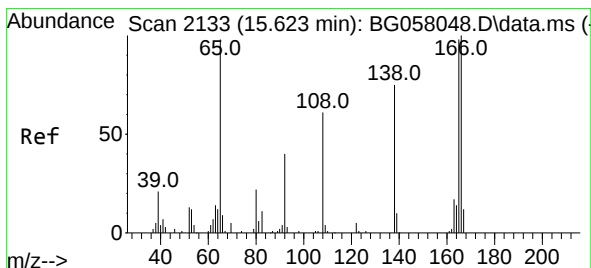
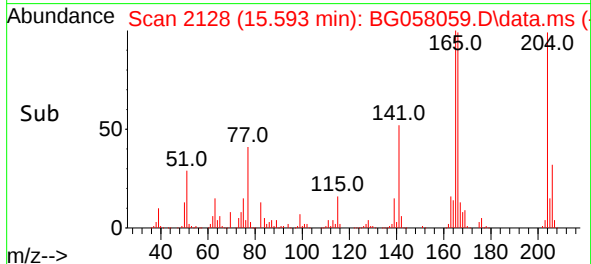
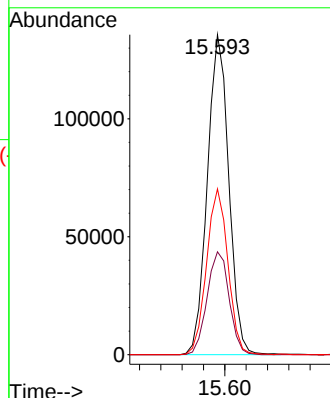
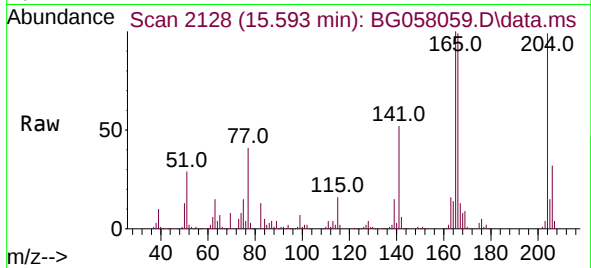




#62
4-Chlorophenyl-phenylether
Concen: 38.341 ng/ul
RT: 15.593 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

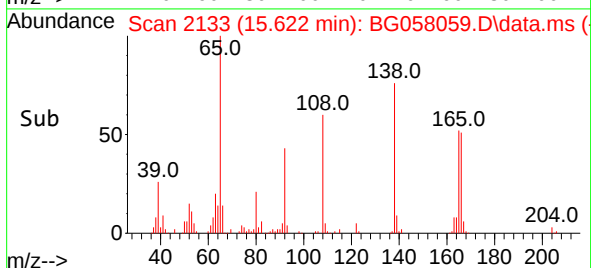
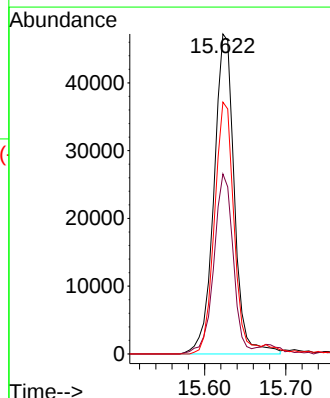
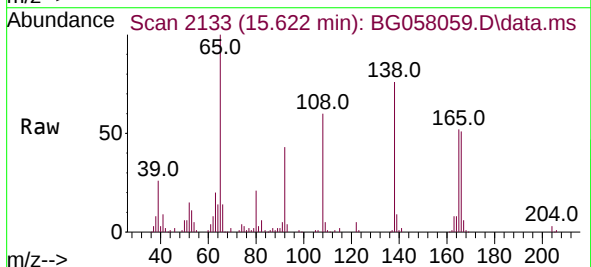
Instrument :
BNA_G
ClientSampleId :
SSTD020497

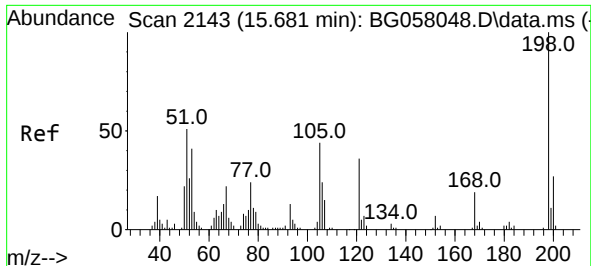
Tgt Ion:204 Resp: 189438
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 51.8 41.8 62.6



#63
4-Nitroaniline
Concen: 53.305 ng/ul
RT: 15.622 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:138 Resp: 82395
Ion Ratio Lower Upper
138 100
92 56.3 43.8 65.8
108 78.7 58.8 88.2

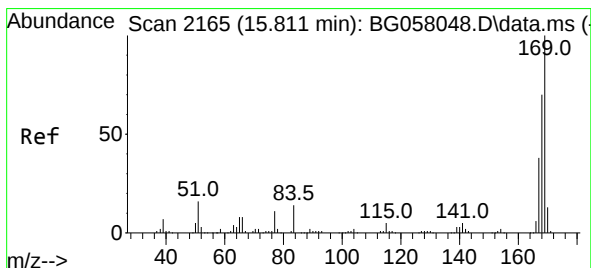
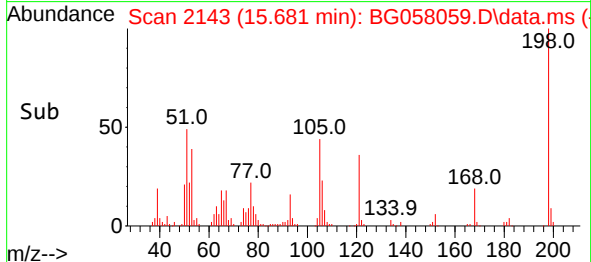
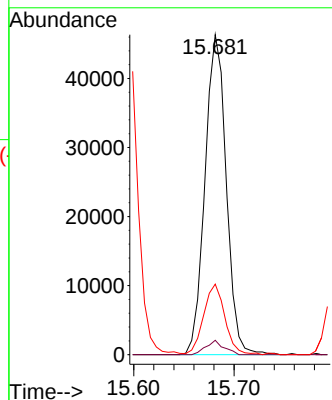
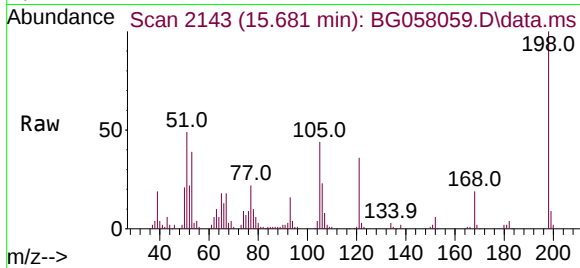




#66
 4,6-Dinitro-2-methylphenol
 Concen: 38.884 ng/ul
 RT: 15.681 min Scan# 2143
 Delta R.T. -0.009 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

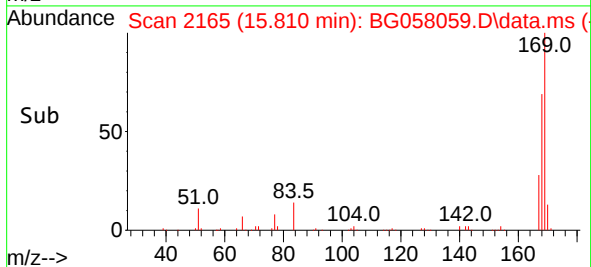
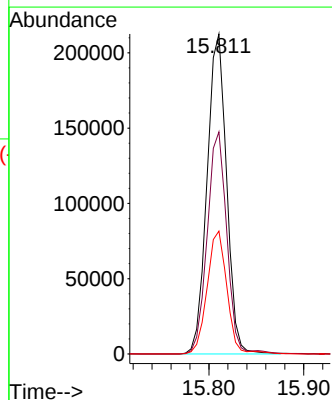
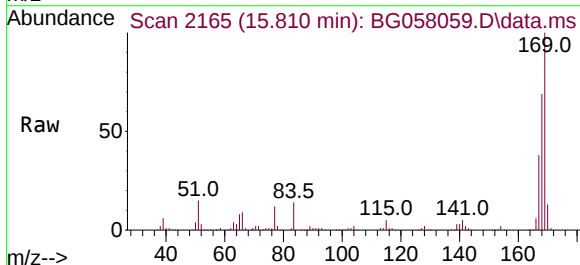
Instrument :
 BNA_G
 ClientSampleId :
 SST020497

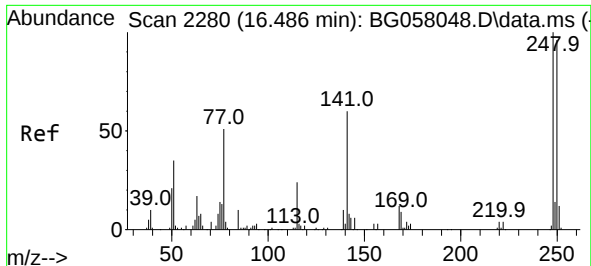
Tgt Ion:198 Resp: 68316
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.1 4.7
 77 22.0 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 36.013 ng/ul
 RT: 15.810 min Scan# 2165
 Delta R.T. -0.003 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

Tgt Ion:169 Resp: 303240
 Ion Ratio Lower Upper
 169 100
 168 69.4 54.2 81.2
 167 38.4 30.8 46.2

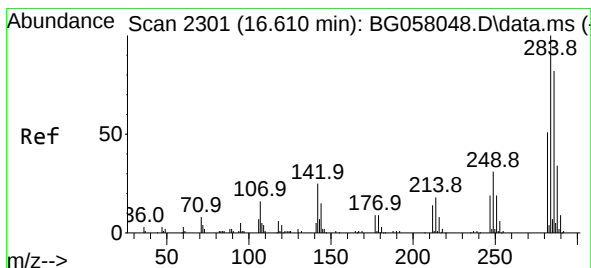
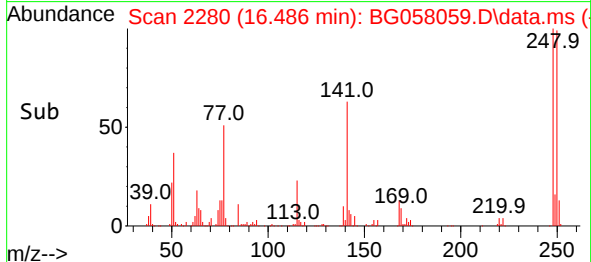
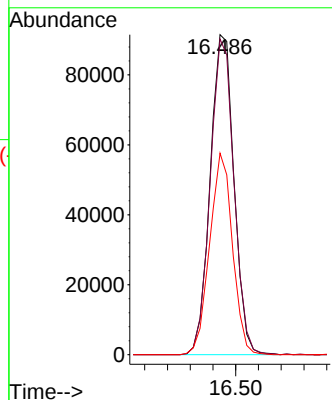
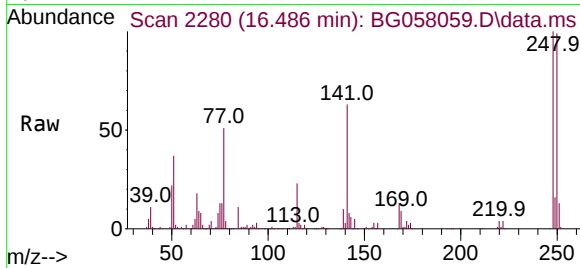




#68
4-Bromophenyl-phenylether
Concen: 38.290 ng/ul
RT: 16.486 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

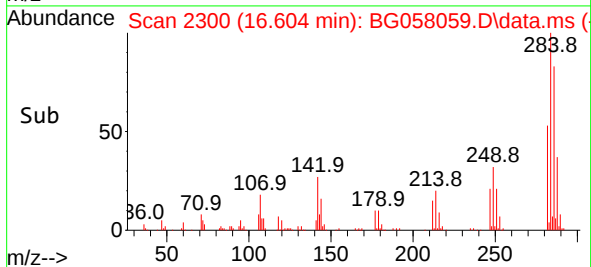
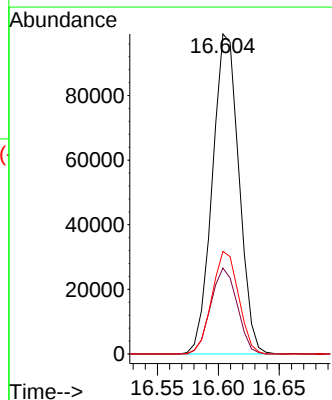
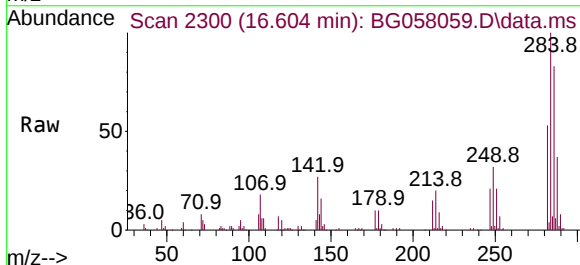
Instrument :
BNA_G
ClientSampleId :
SSTD020497

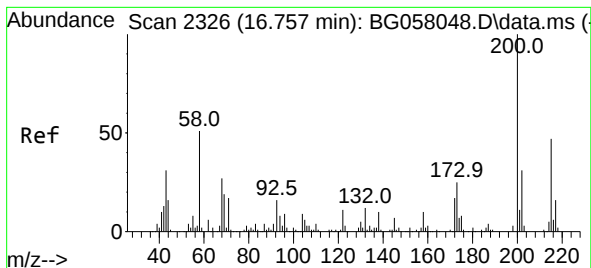
Tgt Ion:248 Resp: 132981
Ion Ratio Lower Upper
248 100
250 98.6 78.3 117.5
141 62.9 49.1 73.7



#69
Hexachlorobenzene
Concen: 38.695 ng/ul
RT: 16.604 min Scan# 2300
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:284 Resp: 150459
Ion Ratio Lower Upper
284 100
142 26.9 21.9 32.9
249 32.0 25.0 37.6





#70

Atrazine

Concen: 21.480 ng/ul

RT: 16.756 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

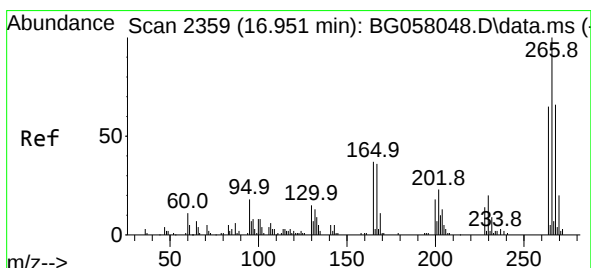
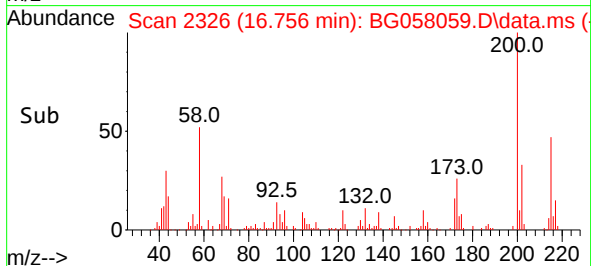
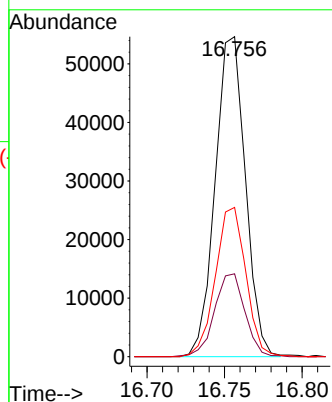
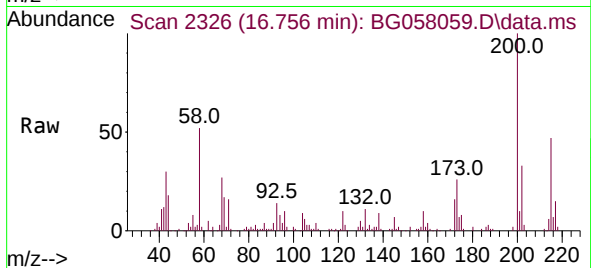
Tgt Ion:200 Resp: 73962

Ion Ratio Lower Upper

200 100

173 25.9 20.0 30.0

215 46.7 35.8 53.8



#71

Pentachlorophenol

Concen: 34.753 ng/ul

RT: 16.950 min Scan# 2359

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

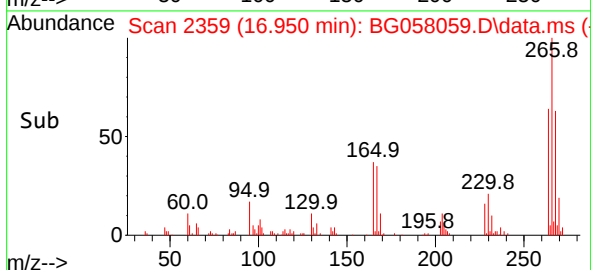
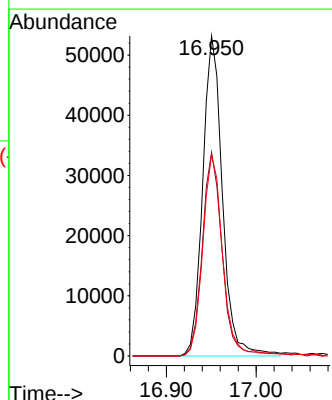
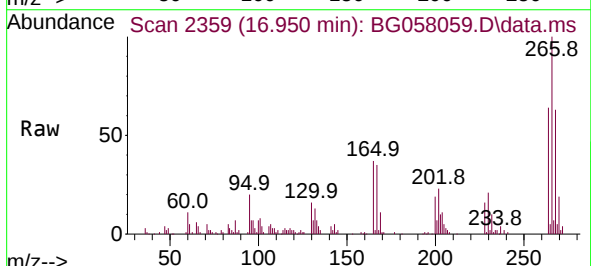
Tgt Ion:266 Resp: 81126

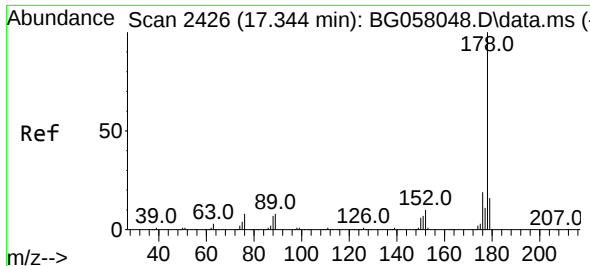
Ion Ratio Lower Upper

266 100

264 63.7 51.5 77.3

268 62.8 49.0 73.4

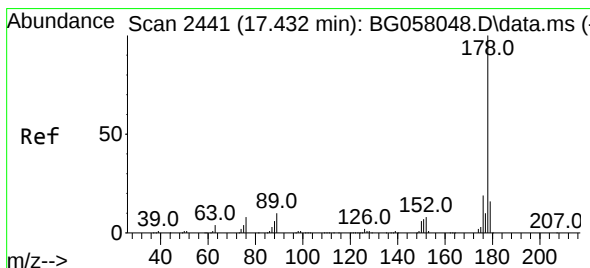
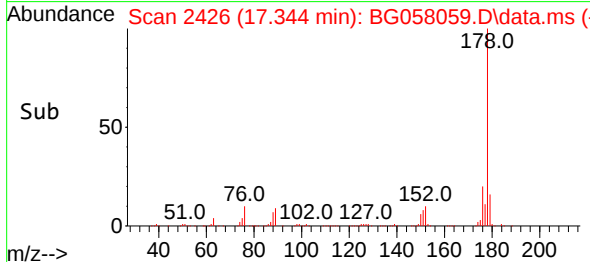
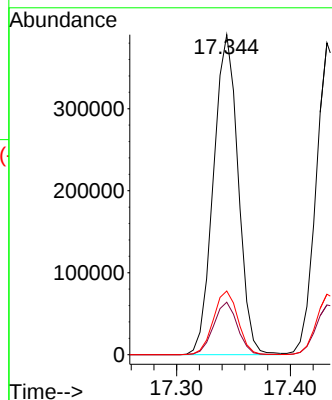
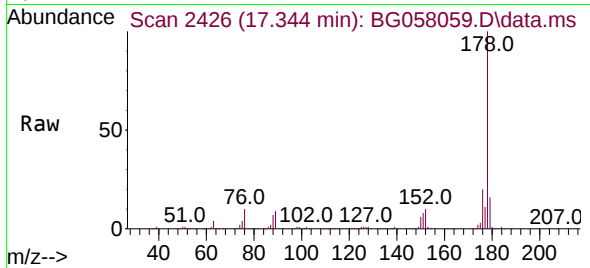




#72
Phenanthrene
Concen: 36.529 ng/ul
RT: 17.344 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

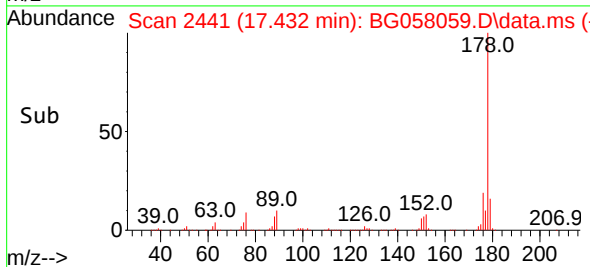
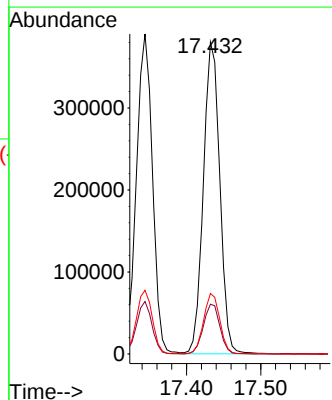
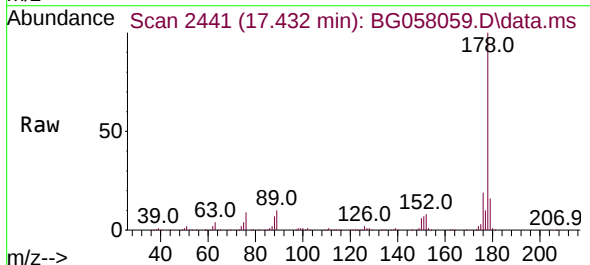
Instrument :
BNA_G
ClientSampleId :
SSTD020497

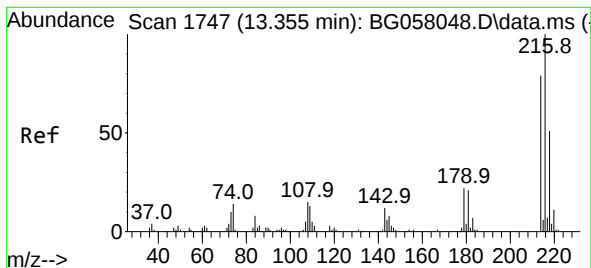
Tgt Ion:178 Resp: 587890
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.9 15.7 23.5



#74
Anthracene
Concen: 36.055 ng/ul
RT: 17.432 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:178 Resp: 587200
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.4 15.4 23.2

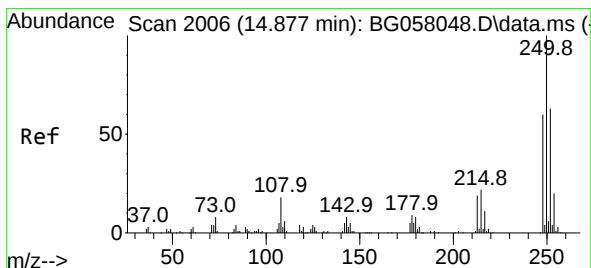
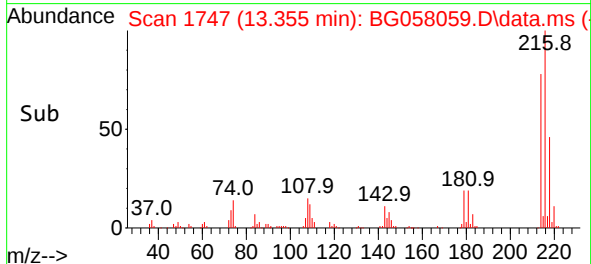
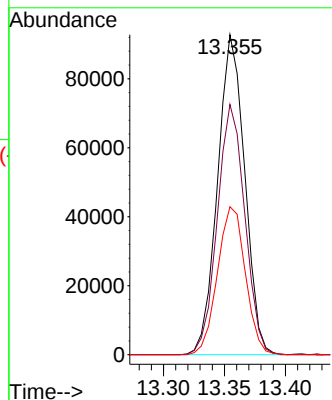
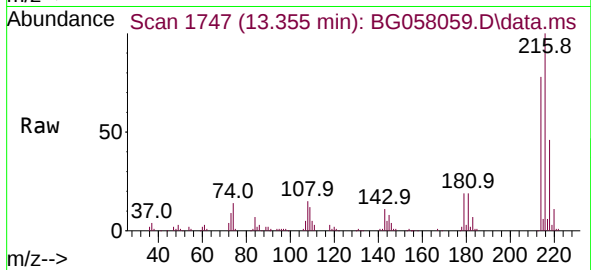




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.242 ng/uL
RT: 13.355 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

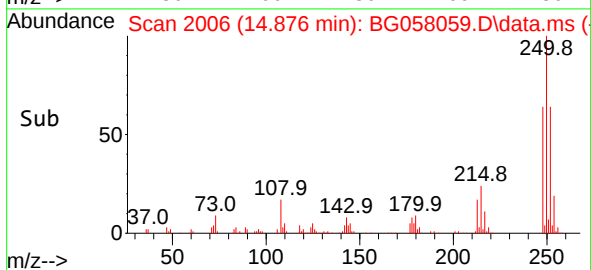
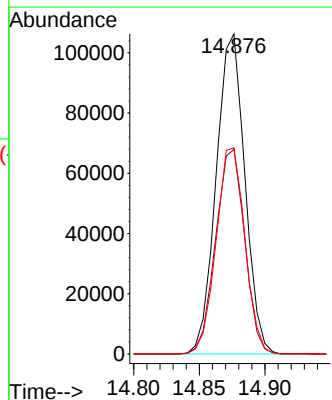
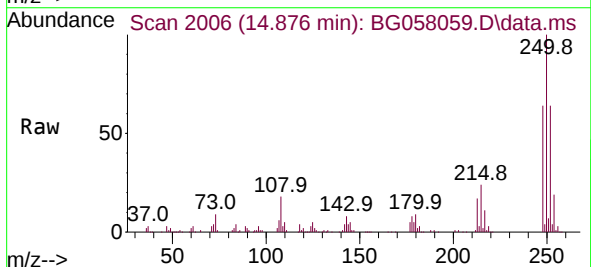
Instrument :
BNA_G
ClientSampleId :
SSTD020497

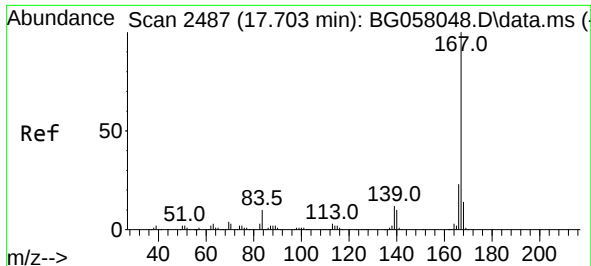
Tgt Ion:216 Resp: 143683
Ion Ratio Lower Upper
216 100
214 78.2 64.8 97.2
218 46.2 39.1 58.7



#76
Pentachlorobenzene
Concen: 36.043 ng/uL
RT: 14.876 min Scan# 2006
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:250 Resp: 161522
Ion Ratio Lower Upper
250 100
248 63.9 52.8 79.2
252 64.4 52.4 78.6

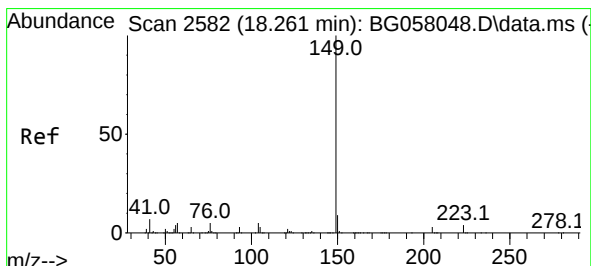
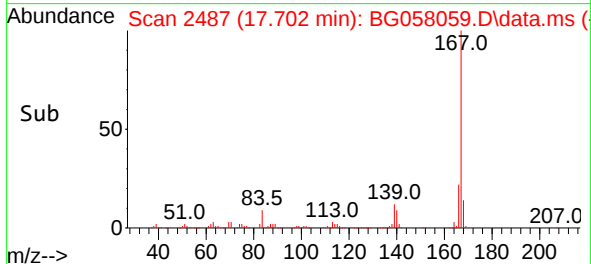
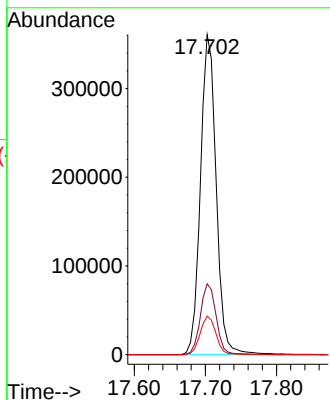
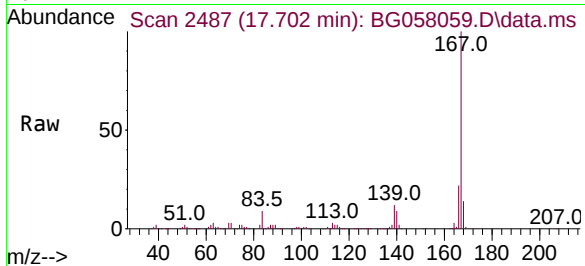




#77
 Carbazole
 Concen: 37.772 ng/ul
 RT: 17.702 min Scan# 2487
 Delta R.T. -0.009 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

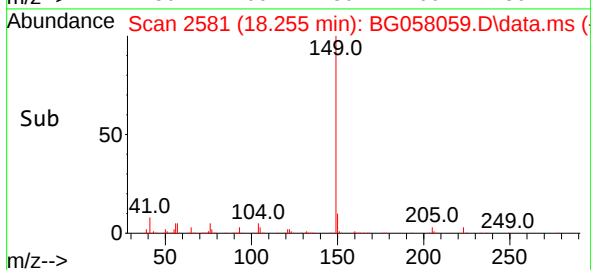
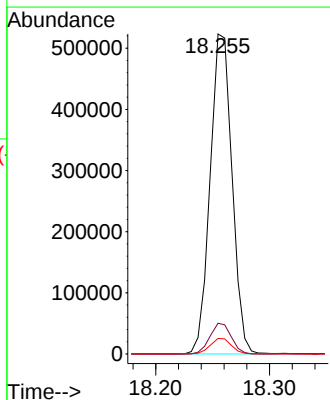
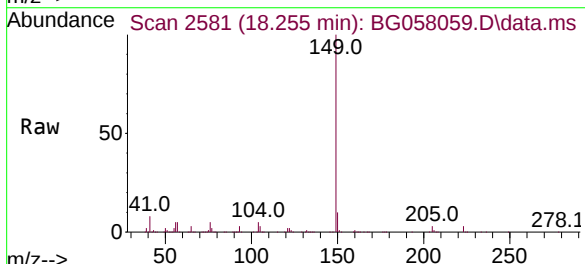
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020497

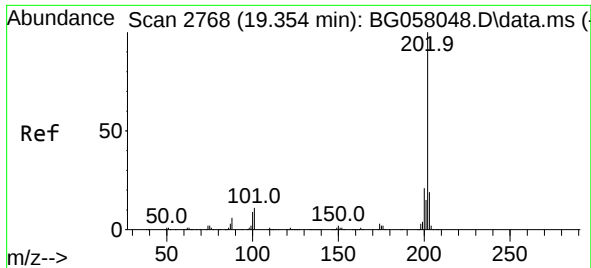
Tgt Ion:167 Resp: 556358
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.1 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 37.394 ng/ul
 RT: 18.255 min Scan# 2581
 Delta R.T. -0.009 min
 Lab File: BG058059.D
 Acq: 6 Jul 2023 21:22

Tgt Ion:149 Resp: 701612
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.8 3.9 5.9

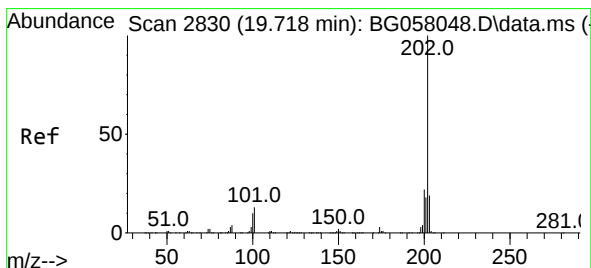
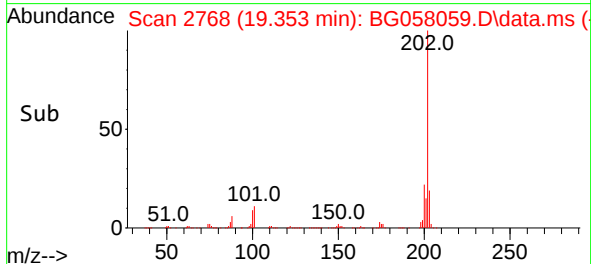
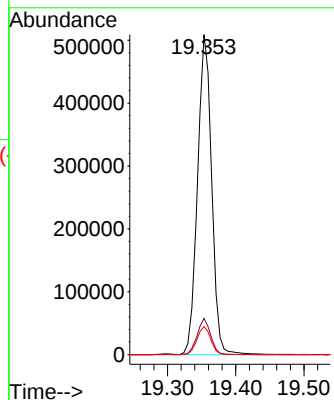
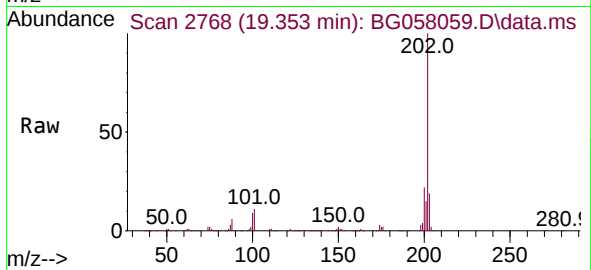




#80
Fluoranthene
Concen: 35.970 ng/u1
RT: 19.353 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

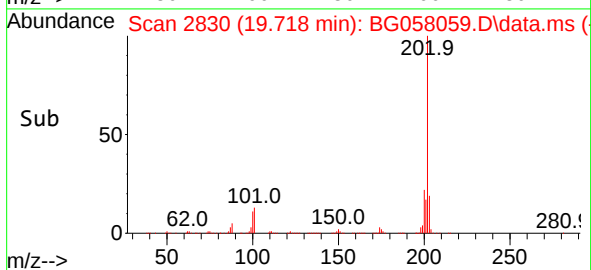
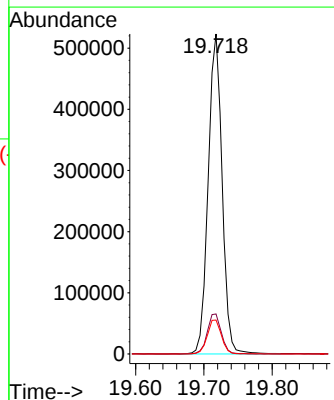
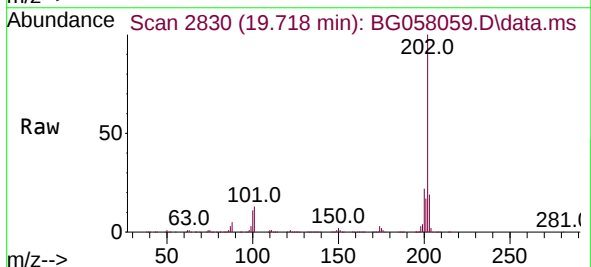
Instrument :
BNA_G
ClientSampleId :
SSTD020497

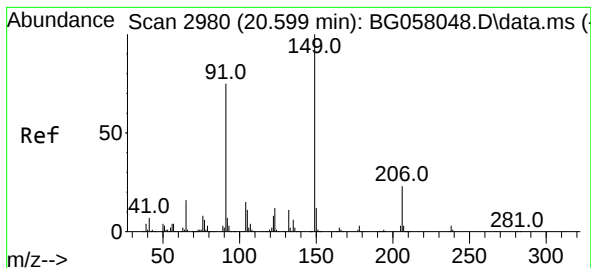
Tgt Ion:202 Resp: 728836
Ion Ratio Lower Upper
202 100
101 11.4 9.1 13.7
100 8.8 7.1 10.7



#82
Pyrene
Concen: 36.458 ng/u1
RT: 19.718 min Scan# 2830
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:202 Resp: 743612
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 37.076 ng/ul

RT: 20.599 min Scan# 2980

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

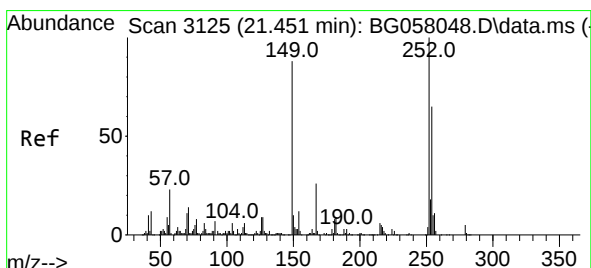
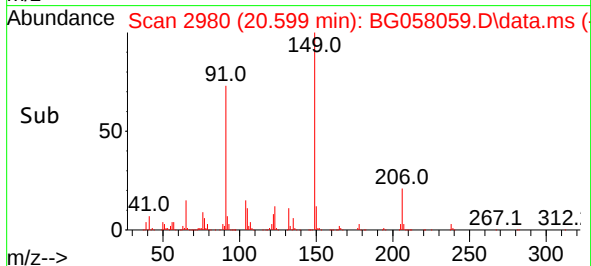
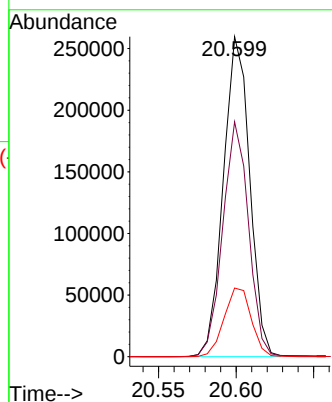
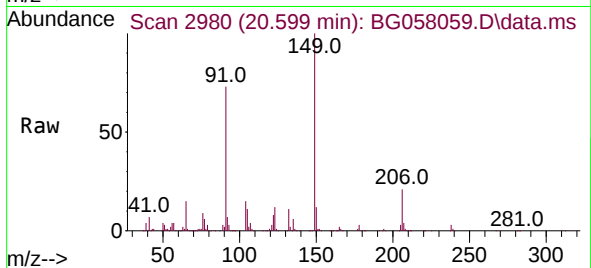
Tgt Ion:149 Resp: 306645

Ion Ratio Lower Upper

149 100

91 73.4 56.5 84.7

206 21.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 40.363 ng/ul

RT: 21.457 min Scan# 3126

Delta R.T. -0.003 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

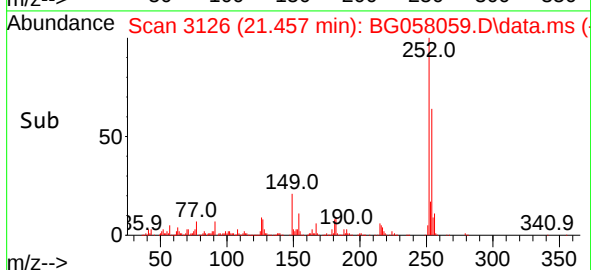
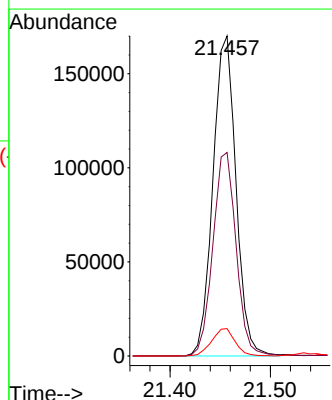
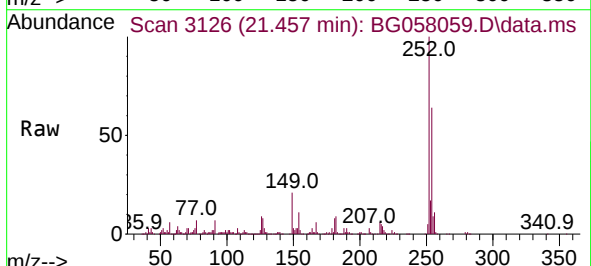
Tgt Ion:252 Resp: 271308

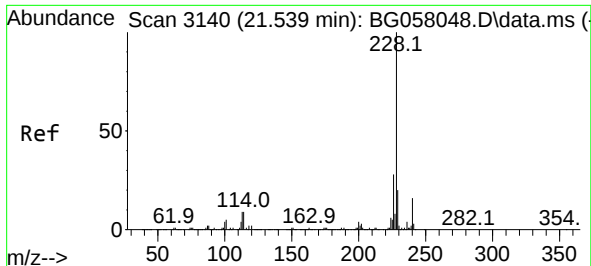
Ion Ratio Lower Upper

252 100

254 63.6 50.7 76.1

126 8.5 6.6 10.0

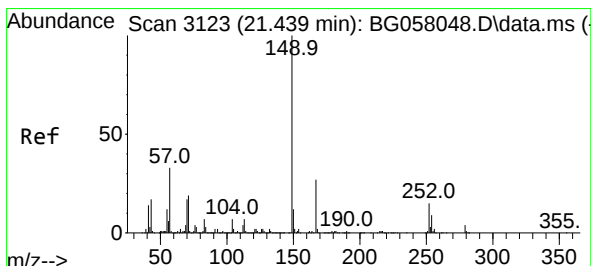
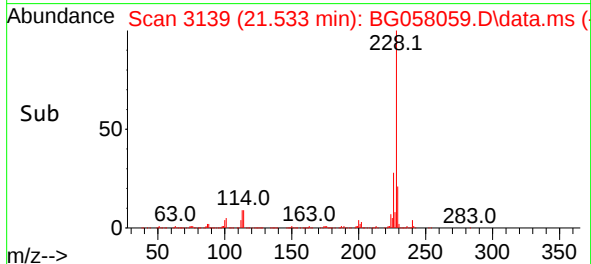
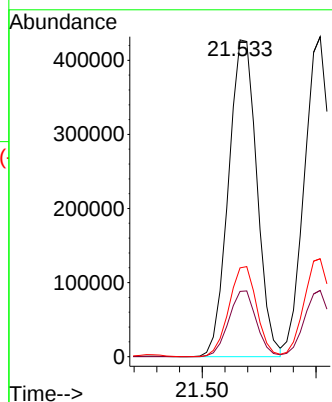
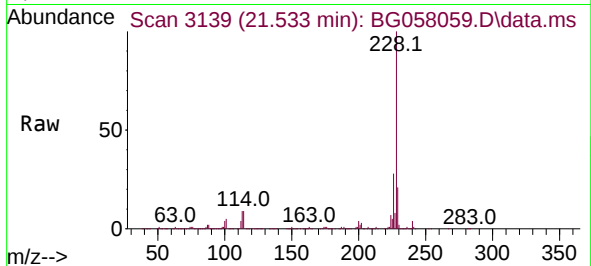




#85
Benzo(a)anthracene
Concen: 37.169 ng/ul
RT: 21.533 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

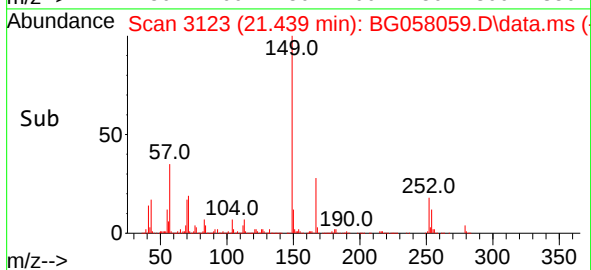
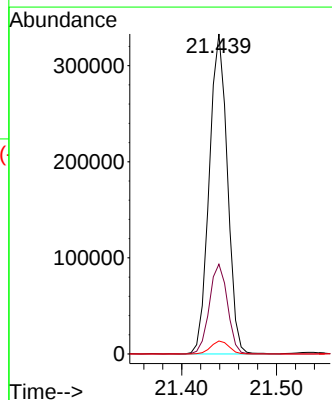
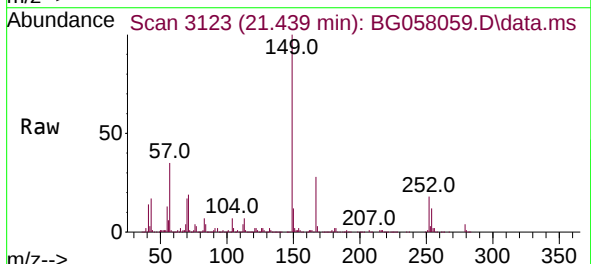
Instrument :
BNA_G
ClientSampleId :
SSTD020497

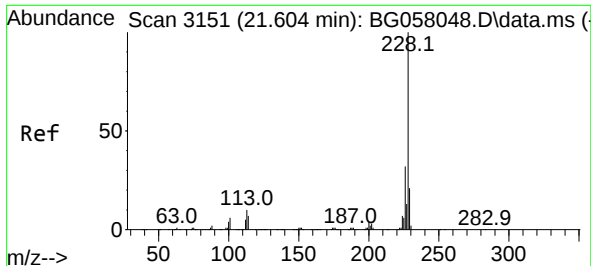
Tgt Ion:228 Resp: 740983
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.0 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 37.488 ng/ul
RT: 21.439 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:149 Resp: 444317
Ion Ratio Lower Upper
149 100
167 28.1 20.9 31.3
279 4.1 3.1 4.7

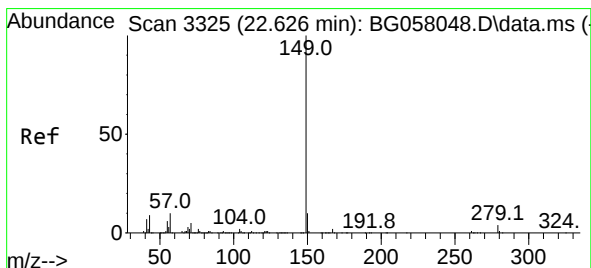
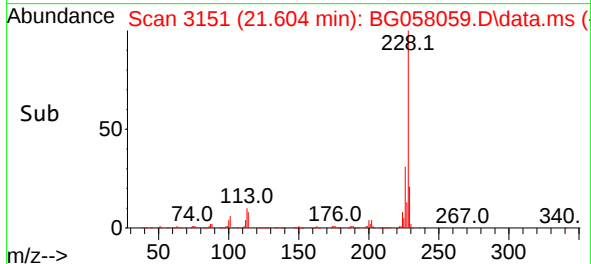
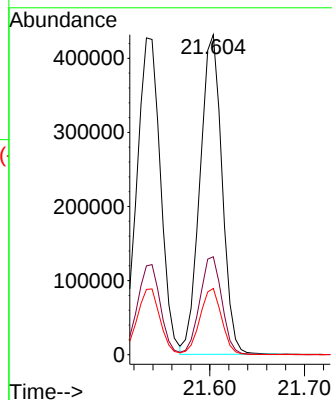
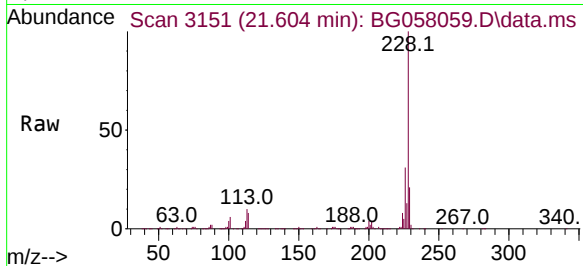




#87
Chrysene
Concen: 37.372 ng/ul
RT: 21.604 min Scan# 3151
Delta R.T. -0.003 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

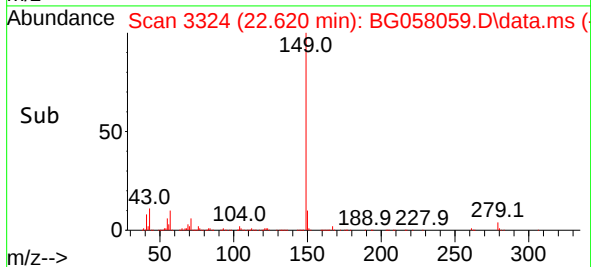
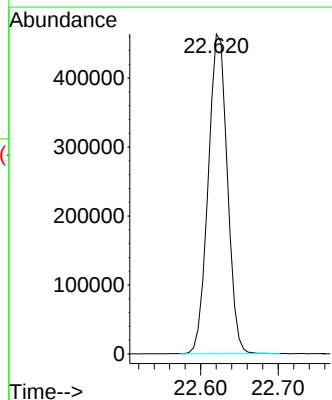
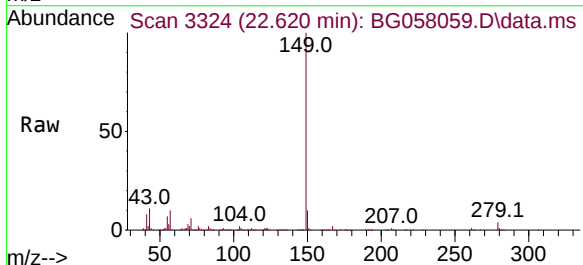
Instrument :
BNA_G
ClientSampleId :
SSTD020497

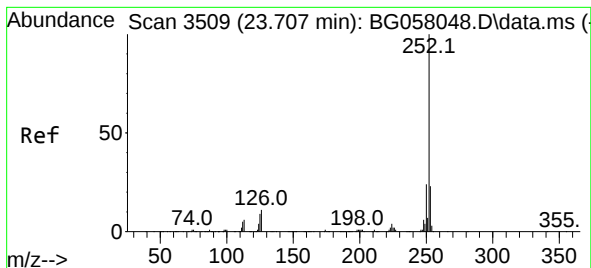
Tgt Ion:228 Resp: 698415
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.7 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 37.241 ng/ul
RT: 22.620 min Scan# 3324
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:149 Resp: 796086





#90

Benzo(b)fluoranthene

Concen: 36.442 ng/ul

RT: 23.707 min Scan# 3509

Delta R.T. -0.009 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

Instrument :

BNA_G

ClientSampleId :

SSTD020497

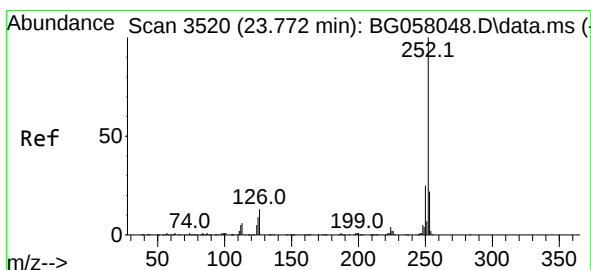
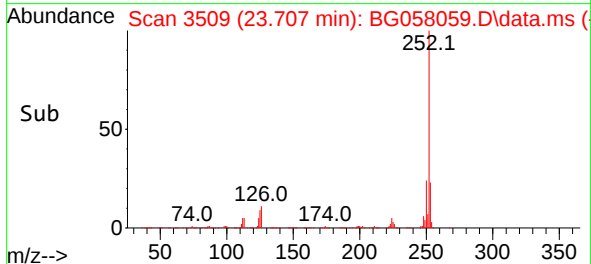
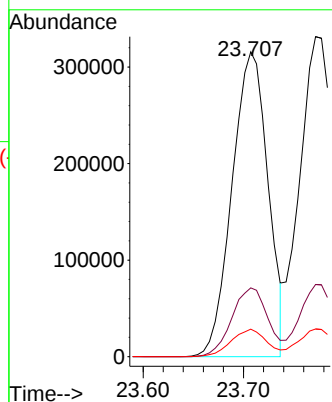
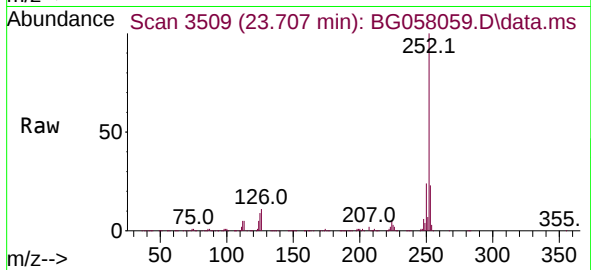
Tgt Ion:252 Resp: 785014

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 9.1 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 37.897 ng/ul

RT: 23.772 min Scan# 3520

Delta R.T. -0.009 min

Lab File: BG058059.D

Acq: 6 Jul 2023 21:22

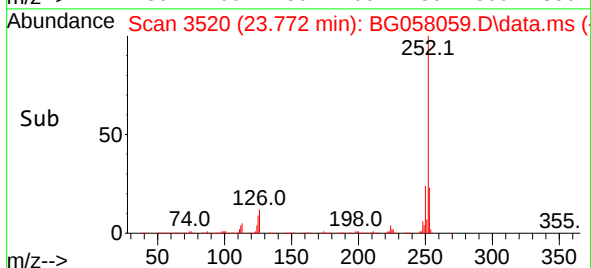
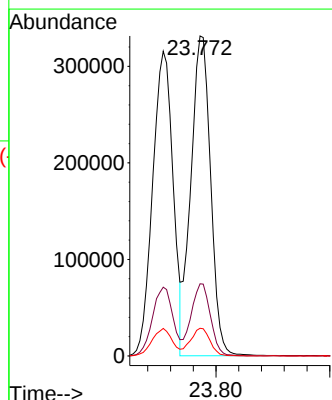
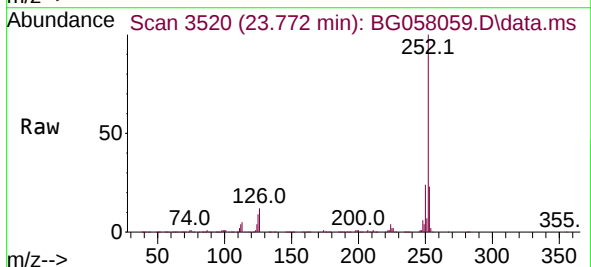
Tgt Ion:252 Resp: 800187

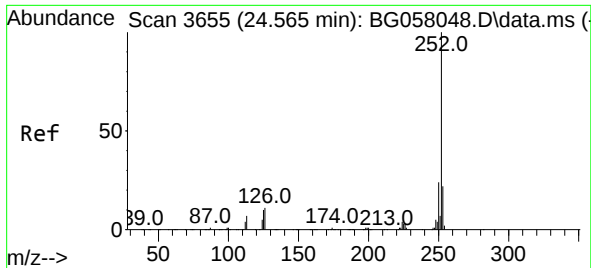
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.6 7.4 11.2

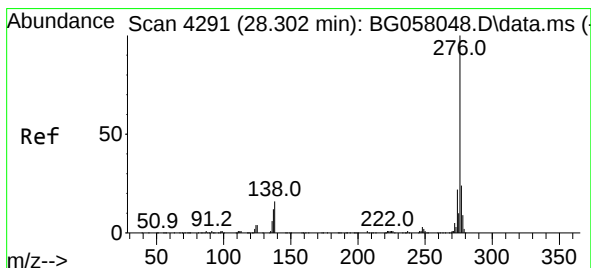
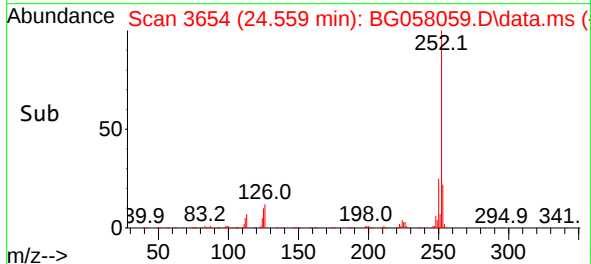
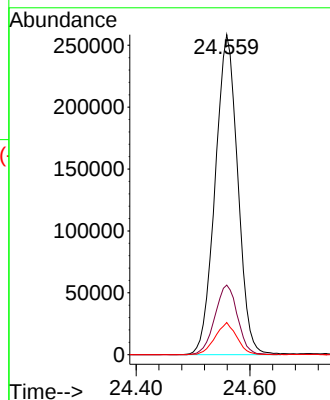
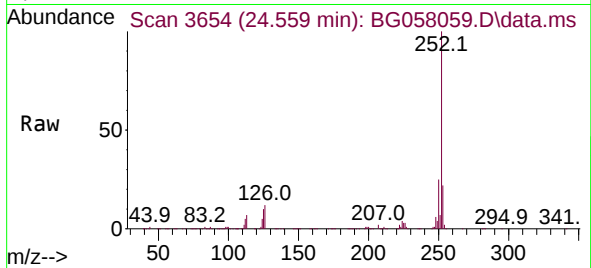




#93
Benzo(a)pyrene
Concen: 37.422 ng/ul
RT: 24.559 min Scan# 3654
Delta R.T. -0.015 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

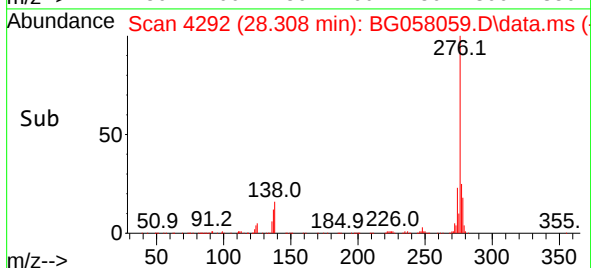
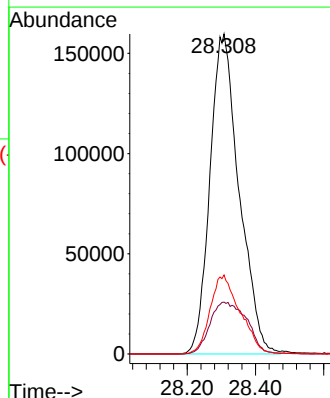
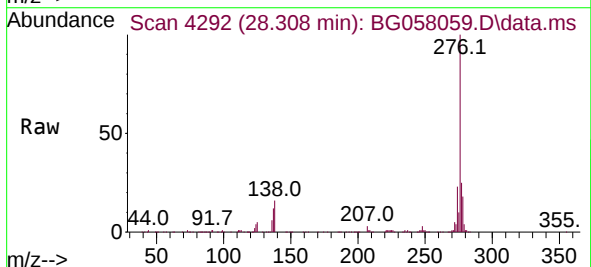
Instrument :
BNA_G
ClientSampleId :
SSTD020497

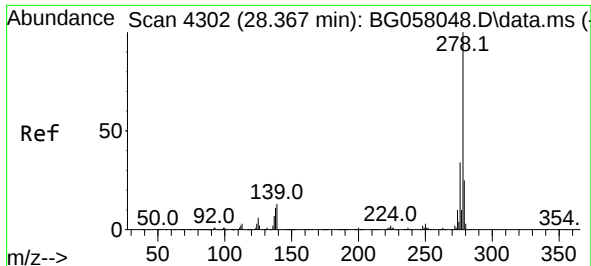
Tgt Ion:252 Resp: 713508
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.1 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 37.466 ng/ul
RT: 28.308 min Scan# 4292
Delta R.T. -0.015 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:276 Resp: 948603
Ion Ratio Lower Upper
276 100
138 16.2 14.0 21.0
277 24.7 19.4 29.2

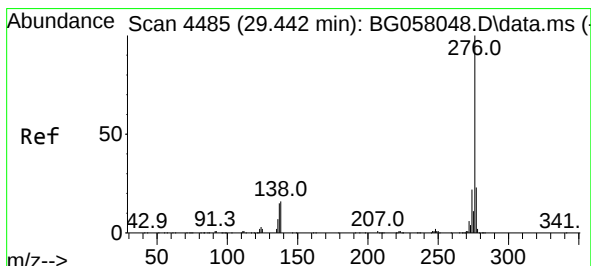
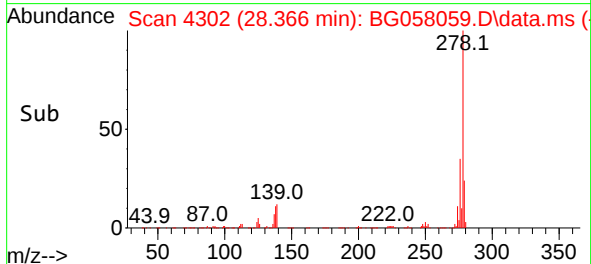
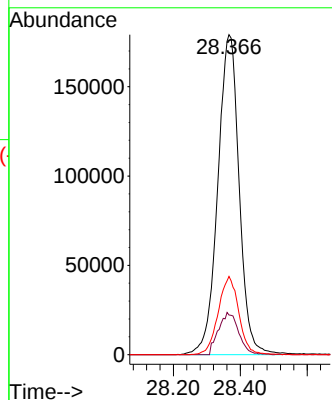
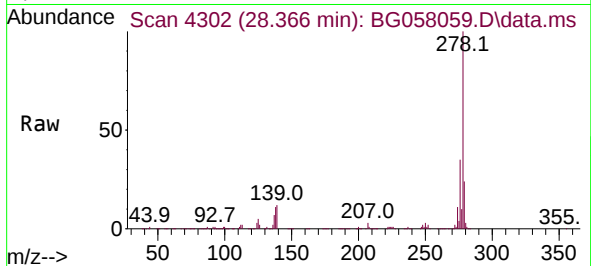




#95
Dibenzo(a,h)anthracene
Concen: 38.045 ng/ul
RT: 28.366 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Instrument :
BNA_G
ClientSampleId :
SSTD020497

Tgt Ion:278 Resp: 794296
Ion Ratio Lower Upper
278 100
139 12.4 11.3 16.9
279 24.5 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 37.470 ng/ul
RT: 29.430 min Scan# 4483
Delta R.T. -0.015 min
Lab File: BG058059.D
Acq: 6 Jul 2023 21:22

Tgt Ion:276 Resp: 774877
Ion Ratio Lower Upper
276 100
138 17.1 14.2 21.2
277 24.1 18.6 27.8

