

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059199.D
 Acq On : 26 Sep 2023 15:41
 Operator : MA/JU
 Sample : 04450-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJ65

Quant Time: Sep 26 22:34:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	763	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.143	136	3547	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.921	164	3402	20.000	ng/ul	#-0.01
64) Phenanthrene-d10	17.677	188	7879	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.989	240	5779	20.000	ng/ul	#-0.02
88) Perylene-d12	25.538	264	3632	20.000	ng/ul	#-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	3683	188.938	ng/uL	-0.01
4) Pyridine-d5	4.045	84	23674	413.975	ng/ul	-0.01
7) Phenol-d5	7.418	99	25311	337.367	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.612	67	72427	1573.115	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.812	132	62137	1122.312	ng/ul	-0.01
15) 4-Methylphenol-d8	8.987	113	42705	714.715	ng/ul	-0.01
21) Nitrobenzene-d5	9.492	128	44043	1609.144	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.215	143	44935	1625.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.743	165	78452	1494.553	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	109281	1333.865	ng/ul	-0.01
46) Dimethylphthalate-d6	14.322	166	379723	1451.319	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	403039	1265.128	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	475	9.951	ng/ul	-0.01
60) Fluorene-d10	15.908	176	343161	1432.864	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.020	200	41460	925.567	ng/ul	-0.01
73) Anthracene-d10	17.771	188	550499	1535.564	ng/ul	-0.01
81) Pyrene-d10	20.050	212	654568	1937.849	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.291	264	501094	2825.492	ng/ul	-0.02

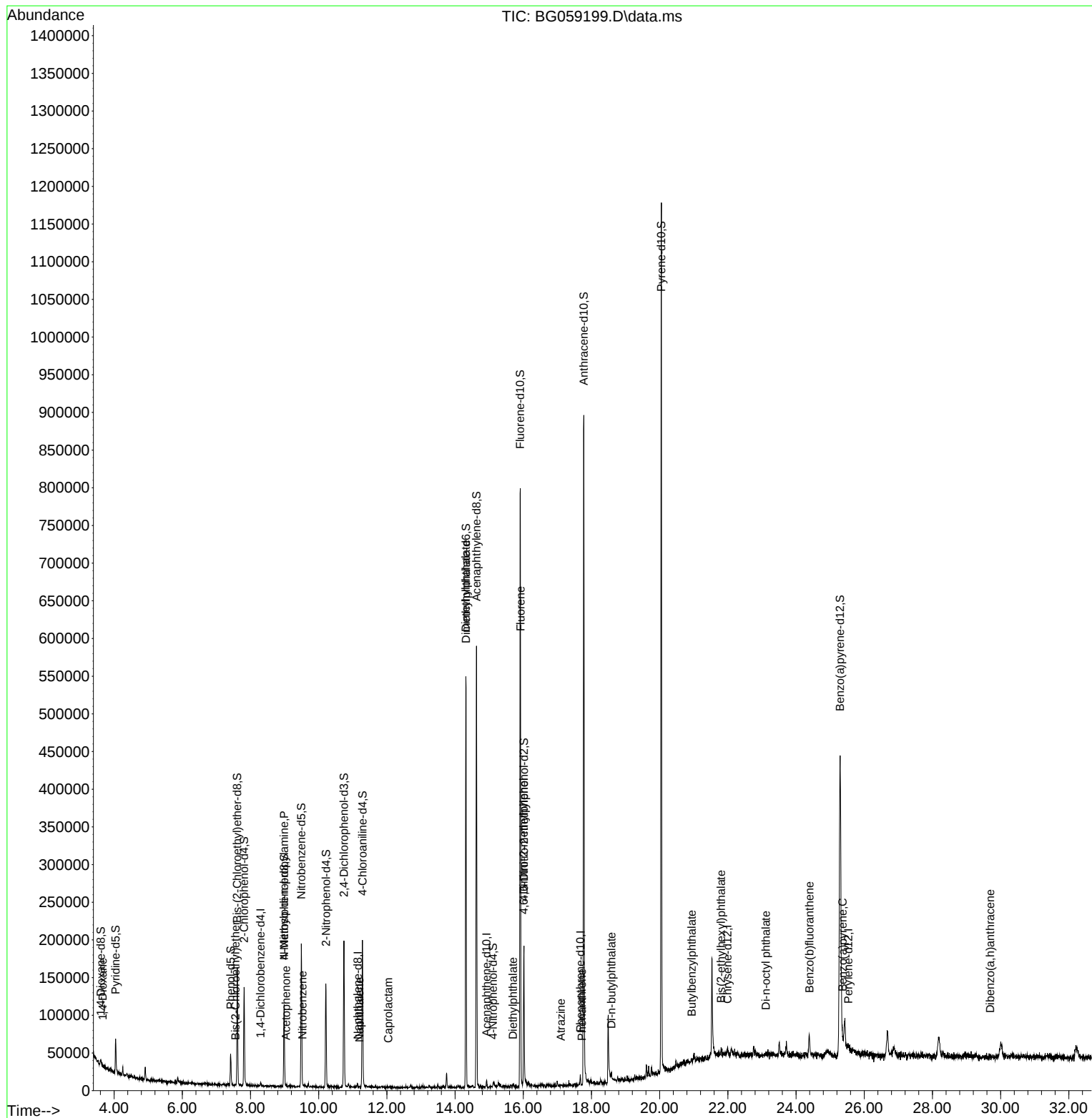
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.664	88	405	18.374	ng/uL#	21
10) Bis(2-Chloroethyl)ether	7.565	93	118	1.906	ng/ul#	17
16) Acetophenone	9.040	105	124	1.348	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.987	70	1280	27.525	ng/ul#	1
22) Nitrobenzene	9.527	77	147	2.372	ng/ul#	34
30) Naphthalene	11.196	128	554	2.919	ng/ul#	70
34) Caprolactam	12.042	113	140	7.204	ng/ul#	1
47) Dimethylphthalate	14.316	163	506	1.893	ng/ul#	1
59) Diethylphthalate	15.702	149	840	3.190	ng/ul#	74
61) Fluorene	15.920	166	869	3.325	ng/ul#	32
66) 4,6-Dinitro-2-methylph...	16.014	198	68	1.408	ng/ul#	1
70) Atrazine	17.107	200	137	1.641	ng/ul#	36
72) Phenanthrene	17.718	178	455	1.032	ng/ul#	1
78) Di-n-butylphthalate	18.587	149	4434	9.609	ng/ul#	90
83) Butylbenzylphthalate	20.937	149	446	2.812	ng/ul#	67
86) Bis(2-ethylhexyl)phtha...	21.801	149	3420	14.413	ng/ul#	55
89) Di-n-octyl phthalate	23.117	149	589	2.653	ng/ul	100
90) Benzo(b)fluoranthene	24.392	252	330	1.491	ng/ul#	60
93) Benzo(a)pyrene	25.368	252	551	2.591	ng/ul#	47
95) Dibenzo(a,h)anthracene	29.698	278	217	1.116	ng/ul#	55

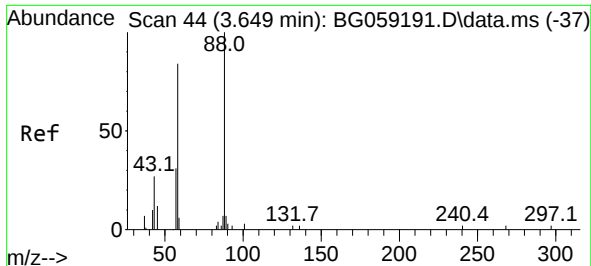
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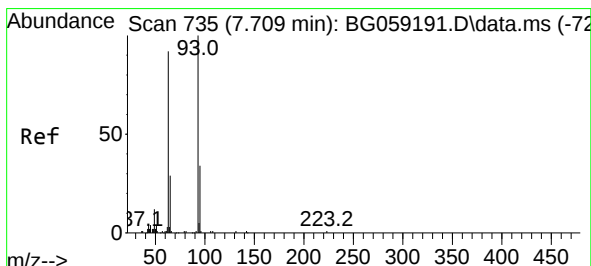
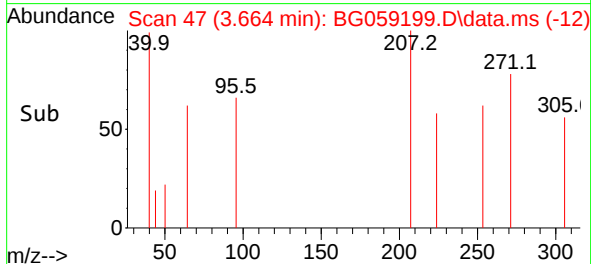
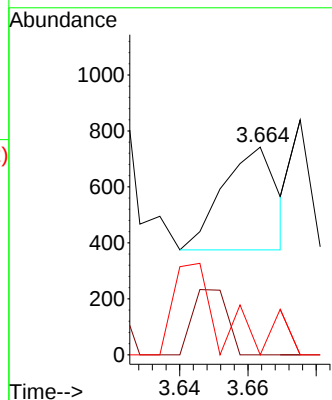
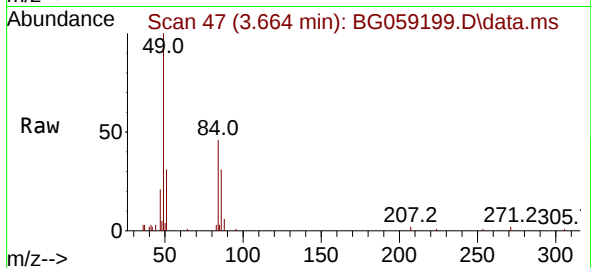




#2
1,4-Dioxane
Concen: 18.374 ng/uL
RT: 3.664 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

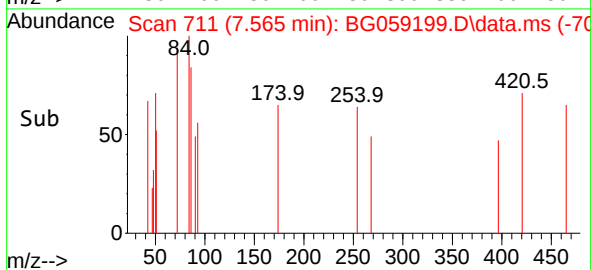
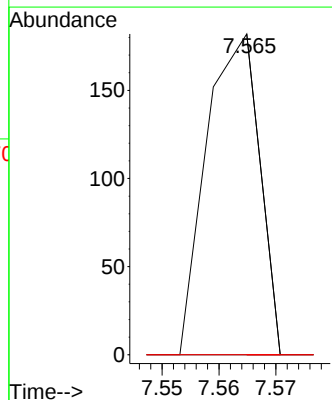
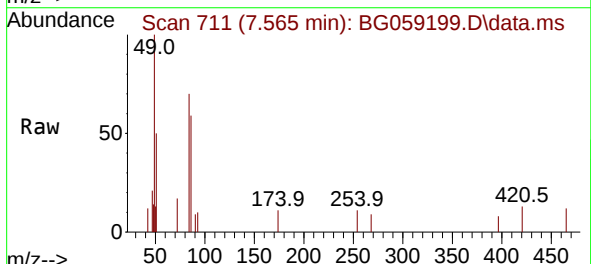
Instrument :
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ClientSampleId :
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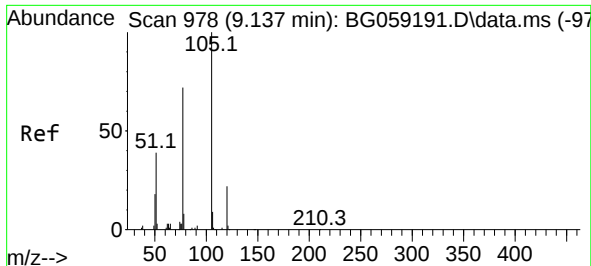
Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 0.0 60.6 91.0#



#10
Bis(2-Chloroethyl)ether
Concen: 1.906 ng/uL
RT: 7.565 min Scan# 711
Delta R.T. -0.159 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion: 93 Resp: 118
Ion Ratio Lower Upper
93 100
63 0.0 68.3 102.5#
95 0.0 23.8 35.8#

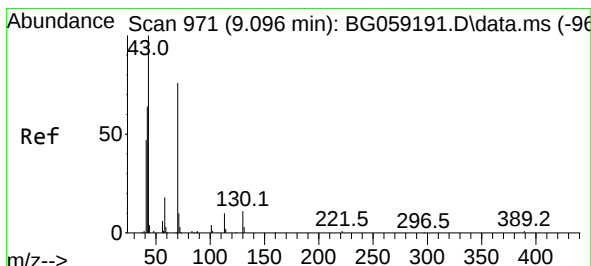
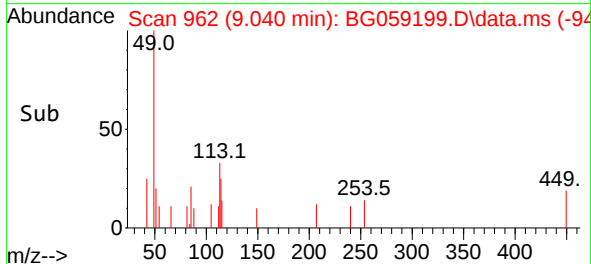
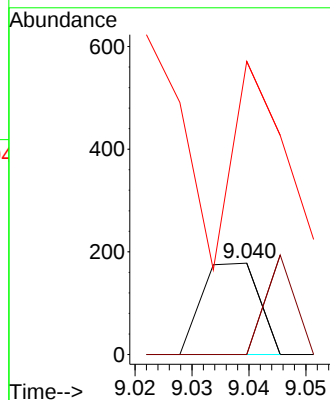
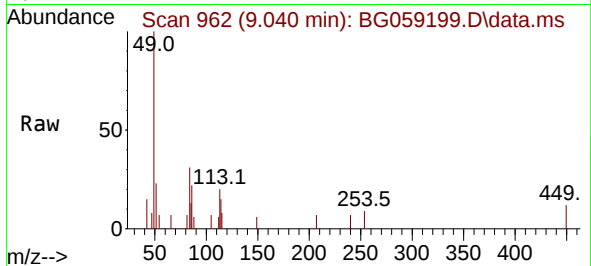




#16
Acetophenone
Concen: 1.348 ng/ul
RT: 9.040 min Scan# 901
Delta R.T. -0.106 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

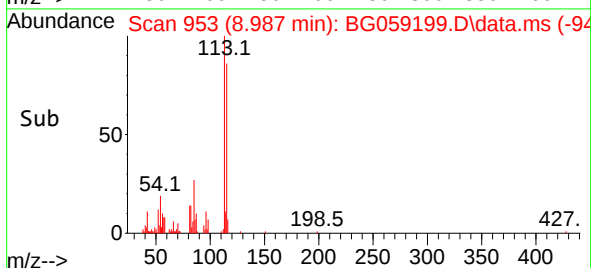
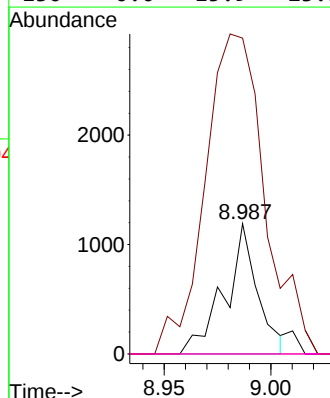
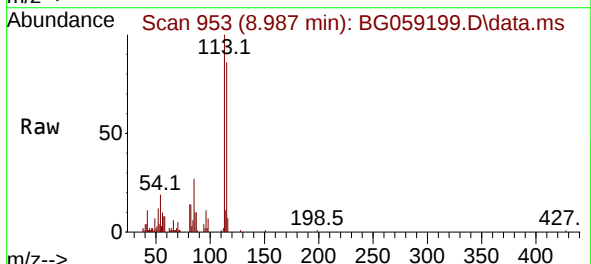
Instrument :
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ClientSampleId :
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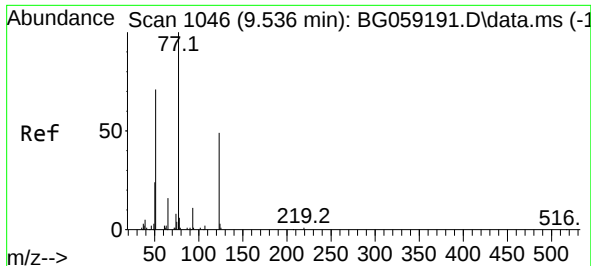
Tgt Ion:105 Resp: 124
Ion Ratio Lower Upper
105 100
77 0.0 57.2 85.8#
51 320.8 31.6 47.4#



#17
N-Nitroso-di-n-propylamine
Concen: 27.525 ng/ul
RT: 8.987 min Scan# 953
Delta R.T. -0.124 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion: 70 Resp: 1280
Ion Ratio Lower Upper
70 100
42 242.4 67.1 100.7#
101 0.0 7.6 11.4#
130 0.0 15.9 23.9#

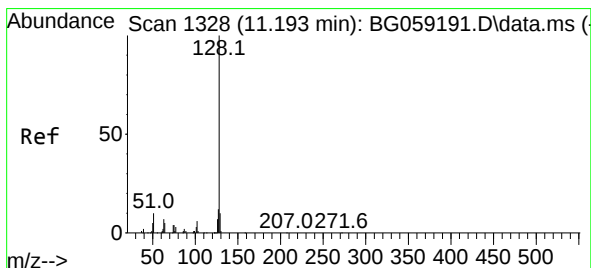
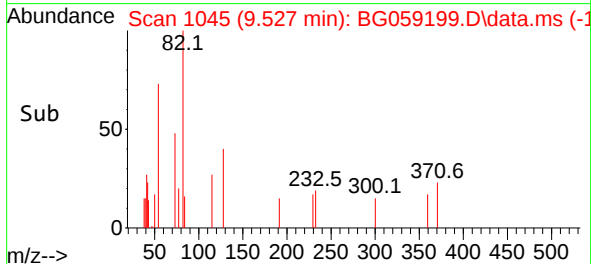
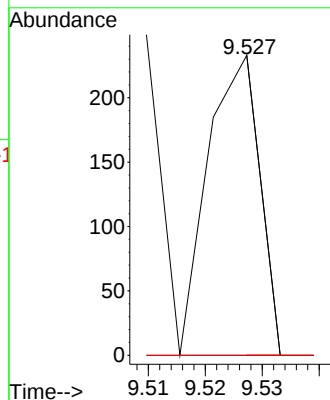
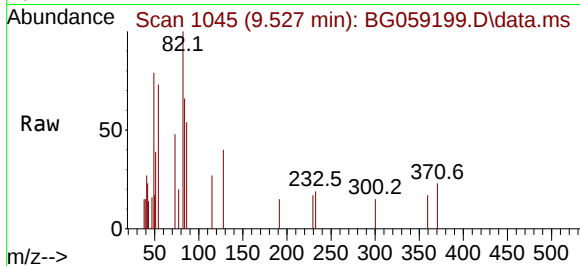




#22
Nitrobenzene
Concen: 2.372 ng/ul
RT: 9.527 min Scan# 1045
Delta R.T. -0.024 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

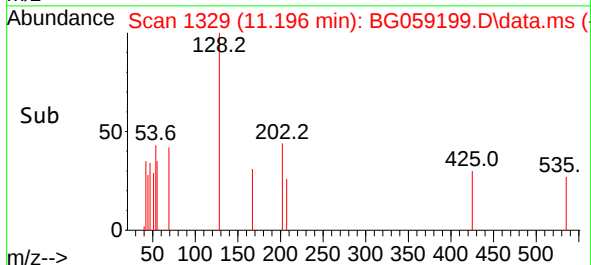
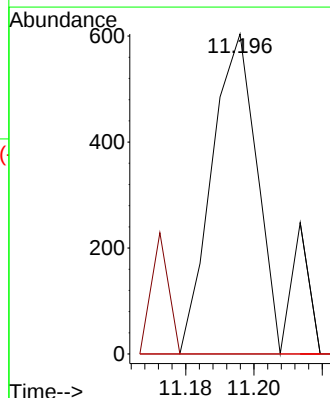
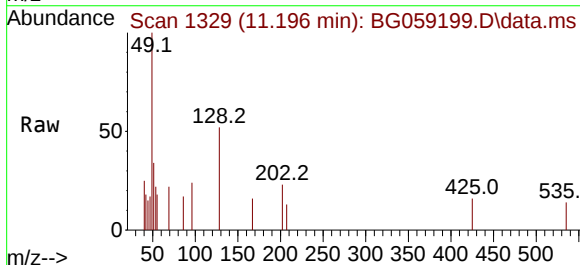
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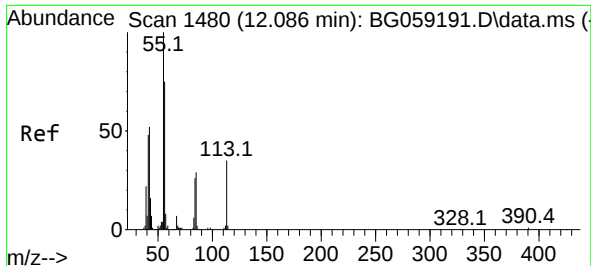
Tgt Ion: 77 Resp: 147
Ion Ratio Lower Upper
77 100
123 0.0 41.8 62.8#
65 0.0 12.3 18.5#



#30
Naphthalene
Concen: 2.919 ng/ul
RT: 11.196 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion: 128 Resp: 554
Ion Ratio Lower Upper
128 100
129 0.0 8.4 12.6#
127 0.0 10.2 15.4#

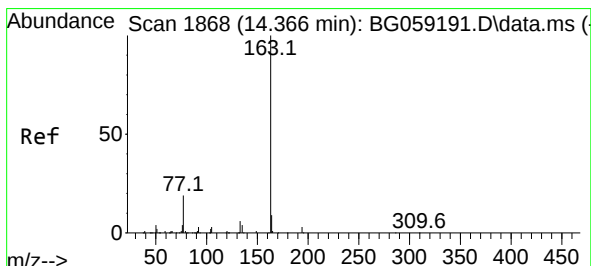
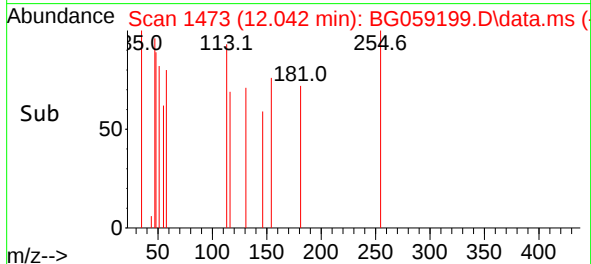
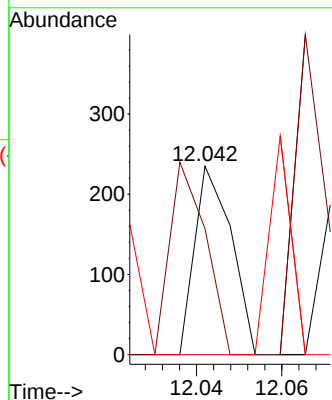
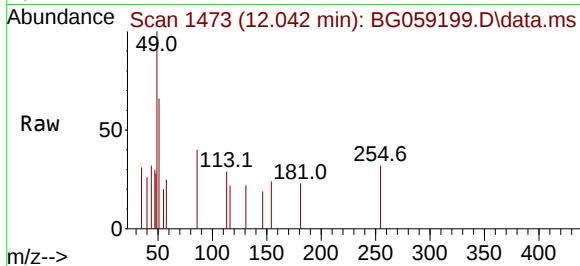




#34
Caprolactam
Concen: 7.204 ng/ul
RT: 12.042 min Scan# 1480
Delta R.T. -0.059 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

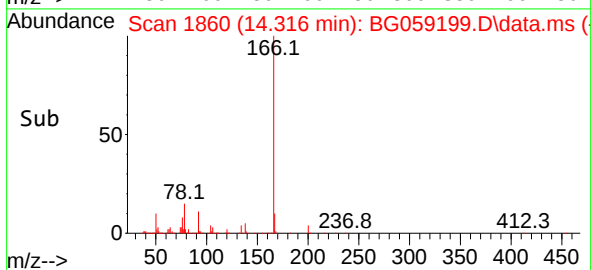
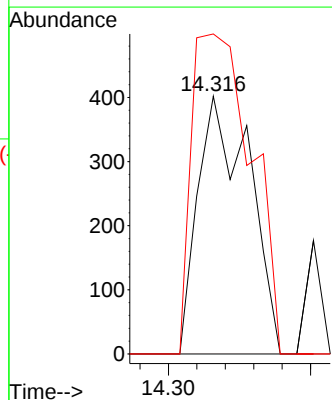
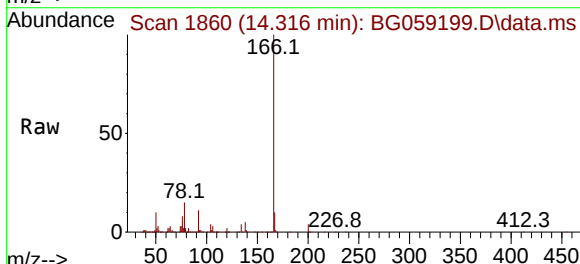
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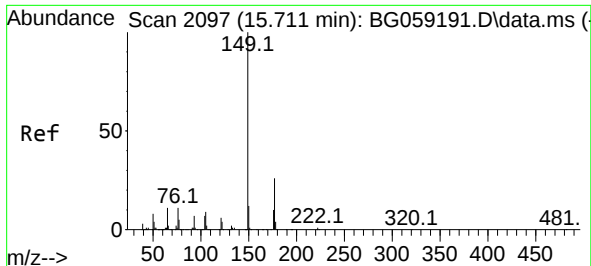
Tgt Ion:113 Resp: 140
Ion Ratio Lower Upper
113 100
55 66.8 157.6 236.4#
56 0.0 112.3 168.5#



#47
Dimethylphthalate
Concen: 1.893 ng/ul
RT: 14.316 min Scan# 1860
Delta R.T. -0.059 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion:163 Resp: 506
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 124.1 7.6 11.4#

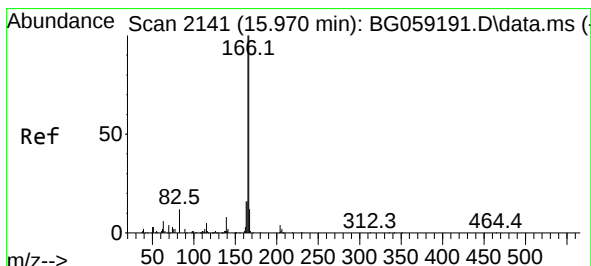
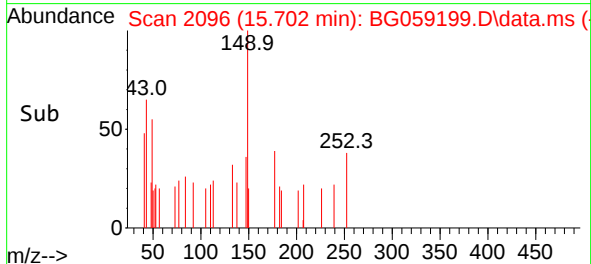
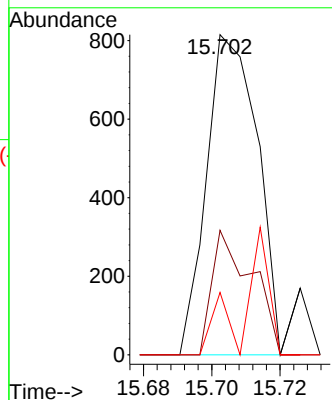
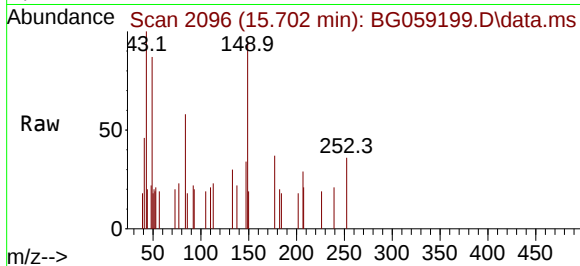




#59
Diethylphthalate
Concen: 3.190 ng/ul
RT: 15.702 min Scan# 2097
Delta R.T. -0.018 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

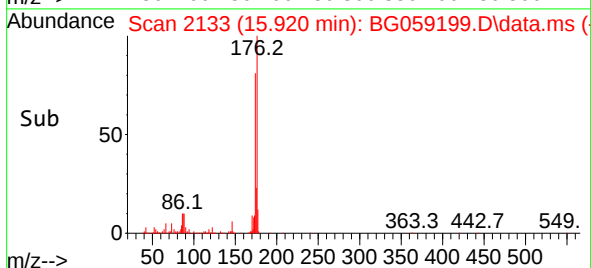
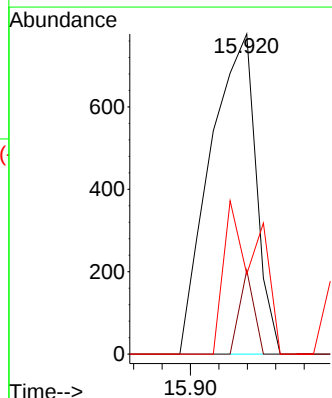
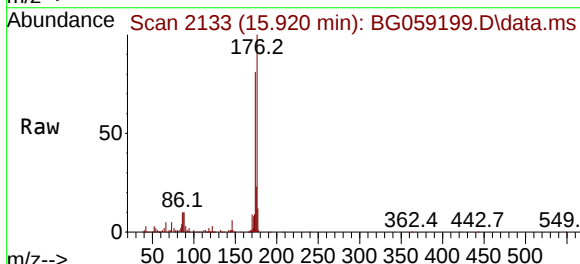
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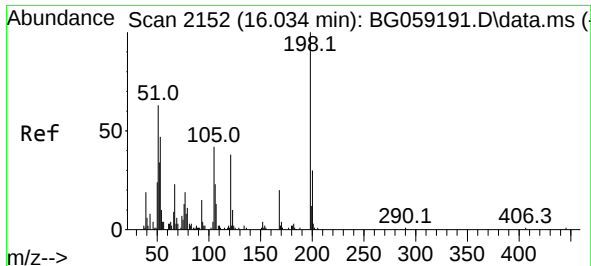
Tgt Ion:149 Resp: 840
Ion Ratio Lower Upper
149 100
177 38.9 19.4 29.2#
150 19.5 9.8 14.8#



#61
Fluorene
Concen: 3.325 ng/ul
RT: 15.920 min Scan# 2133
Delta R.T. -0.059 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion:166 Resp: 869
Ion Ratio Lower Upper
166 100
165 26.3 81.6 122.4#
167 25.0 12.1 18.1#

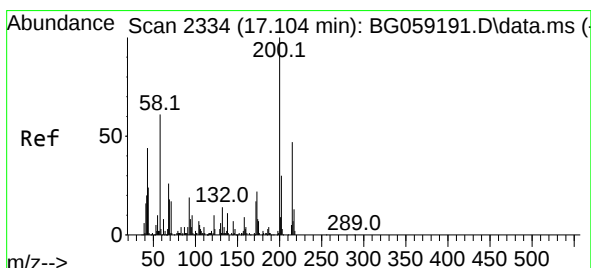
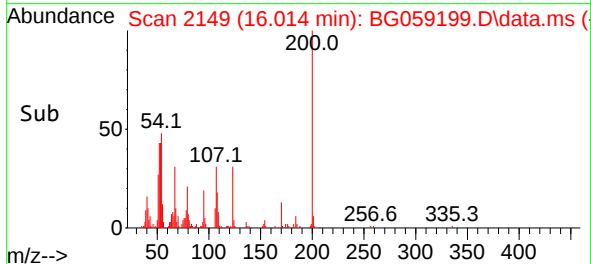
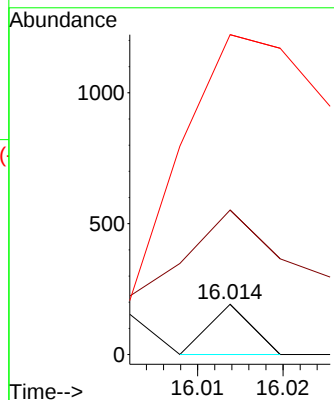
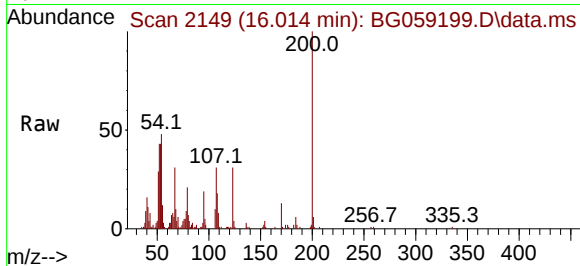




#66
 4,6-Dinitro-2-methylphenol
 Concen: 1.408 ng/ul
 RT: 16.014 min Scan# 2152
 Delta R.T. -0.030 min
 Lab File: BG059199.D
 Acq: 26 Sep 2023 15:41

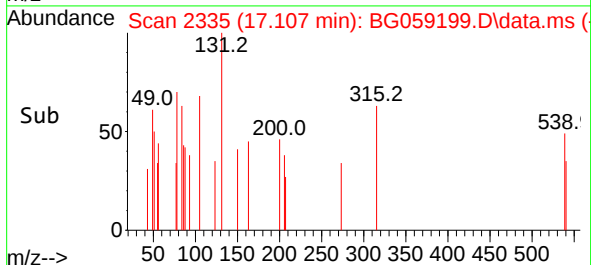
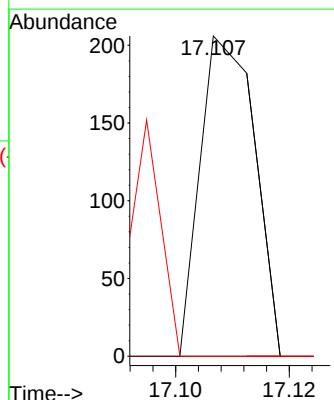
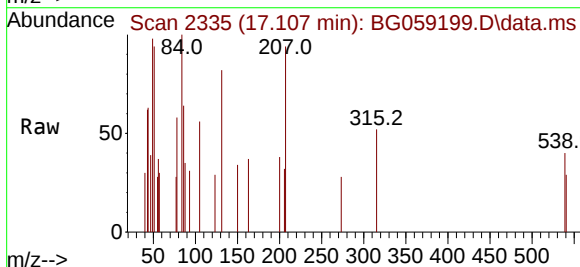
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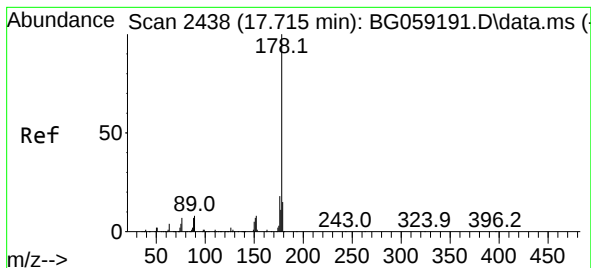
Tgt Ion:198 Resp: 68
 Ion Ratio Lower Upper
 198 100
 182 287.5 3.5 5.3#
 77 636.5 17.3 25.9#



#70
 Atrazine
 Concen: 1.641 ng/ul
 RT: 17.107 min Scan# 2335
 Delta R.T. -0.006 min
 Lab File: BG059199.D
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Tgt Ion:200 Resp: 137
 Ion Ratio Lower Upper
 200 100
 173 0.0 19.4 29.0#
 215 0.0 38.5 57.7#





#72

Phenanthrene

Concen: 1.032 ng/ul

RT: 17.718 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

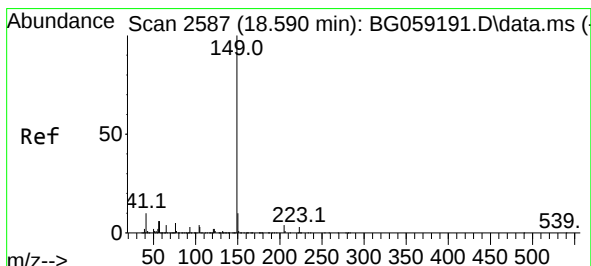
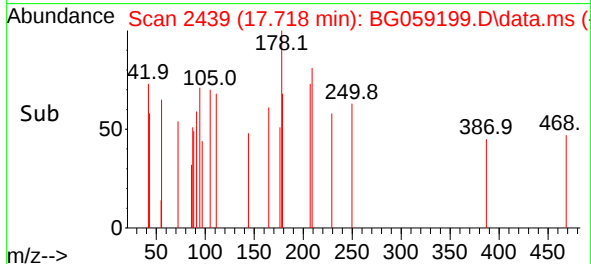
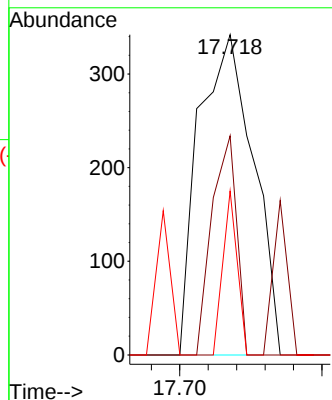
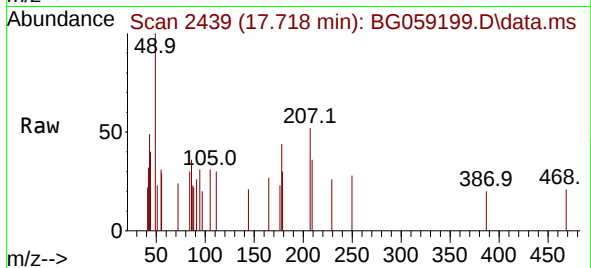
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	178	Resp:	455
Ion	Ratio	Lower	Upper
178	100		
179	68.4	11.8	17.8#
176	51.2	14.6	21.8#



#78

Di-n-butylphthalate

Concen: 9.609 ng/ul

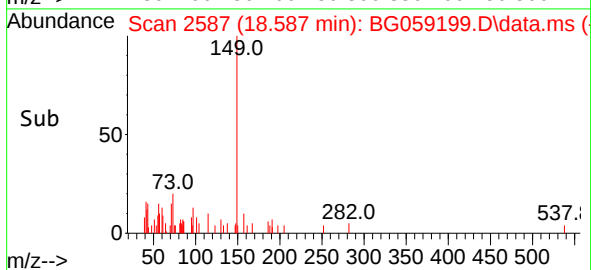
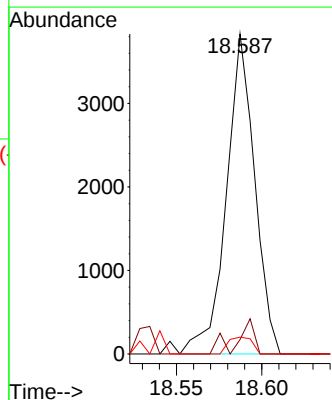
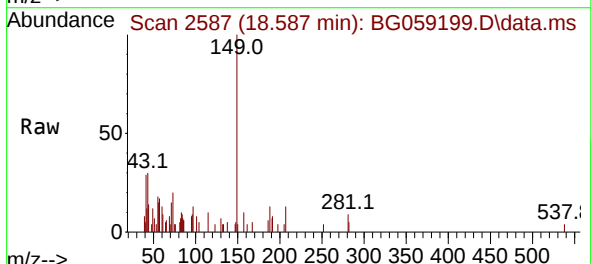
RT: 18.587 min Scan# 2587

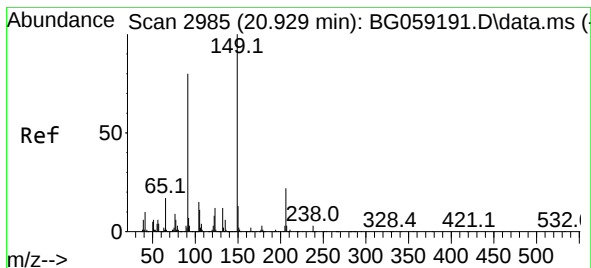
Delta R.T. -0.012 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

Tgt Ion:	149	Resp:	4434
Ion	Ratio	Lower	Upper
149	100		
150	4.5	7.4	11.2#
104	5.2	3.5	5.3





#83

Butylbenzylphthalate

Concen: 2.812 ng/ul

RT: 20.937 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

Instrument :

BNA_G

ClientSampleId :

BBJ65

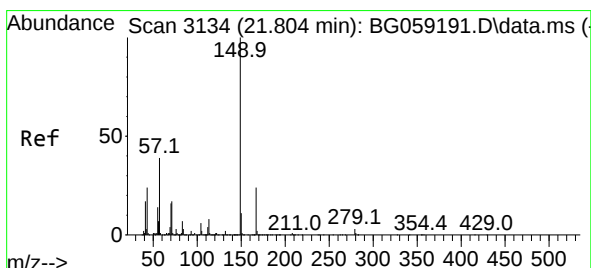
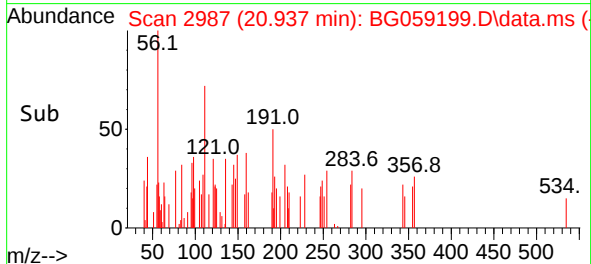
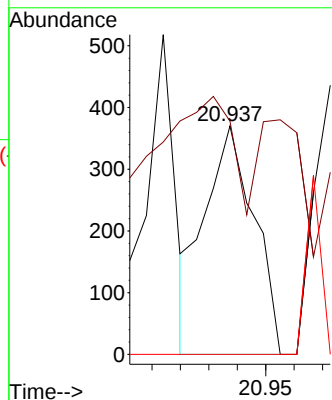
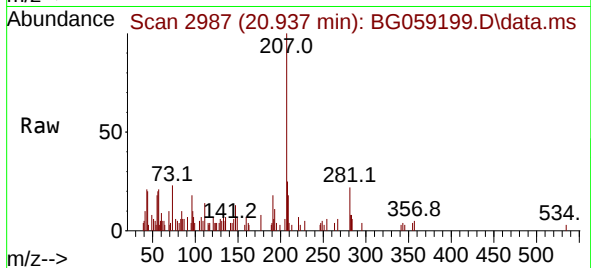
Tgt Ion:149 Resp: 446

Ion Ratio Lower Upper

149 100

91 102.2 61.2 91.8#

206 0.0 15.8 23.6#



#86

Bis(2-ethylhexyl)phthalate

Concen: 14.413 ng/ul

RT: 21.801 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

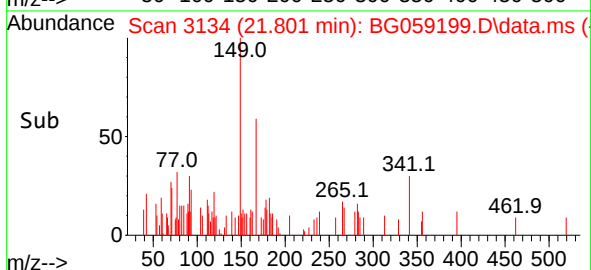
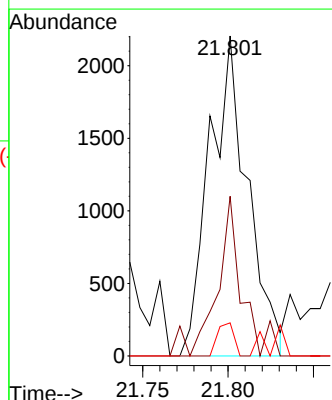
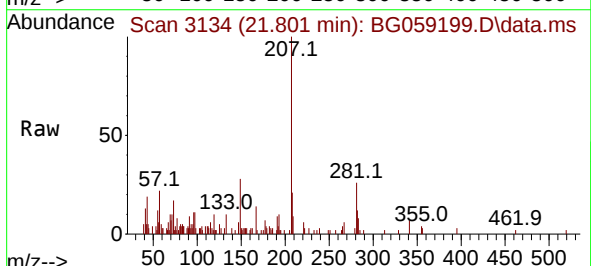
Tgt Ion:149 Resp: 3420

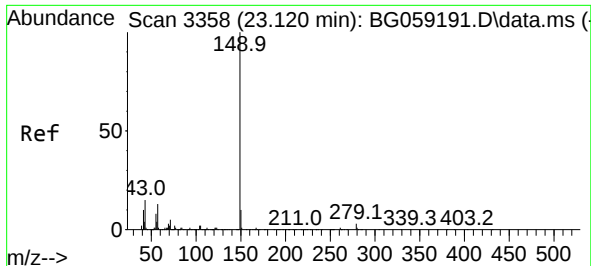
Ion Ratio Lower Upper

149 100

167 49.9 20.2 30.4#

279 10.3 3.2 4.8#

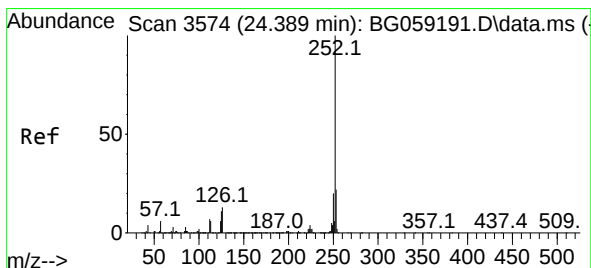
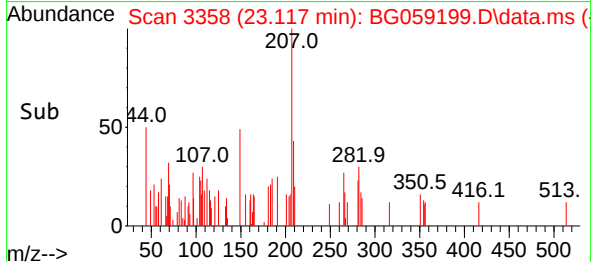
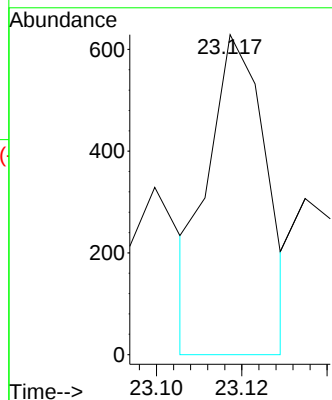
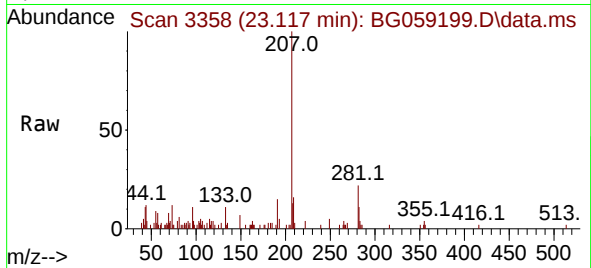




#89
Di-n-octyl phthalate
Concen: 2.653 ng/ul
RT: 23.117 min Scan# 31
Delta R.T. -0.024 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

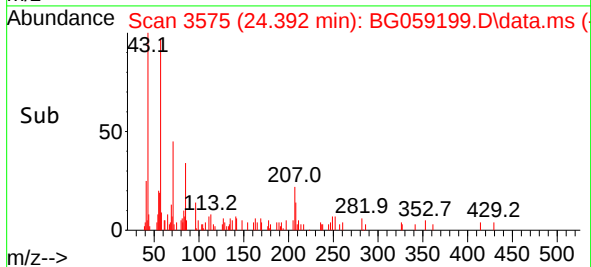
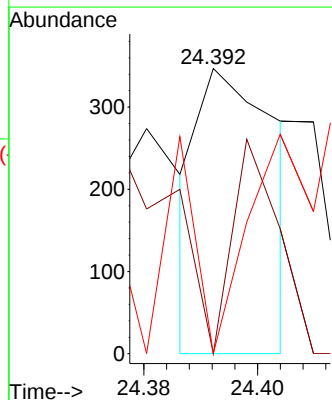
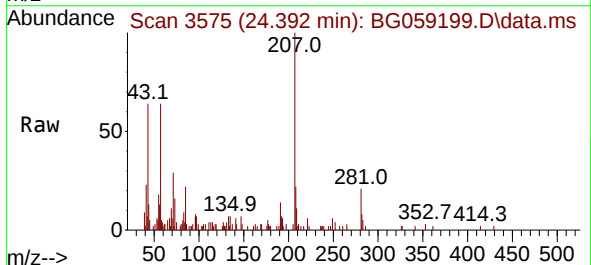
Instrument :
BNA_G
ClientSampleId :
BBJ65

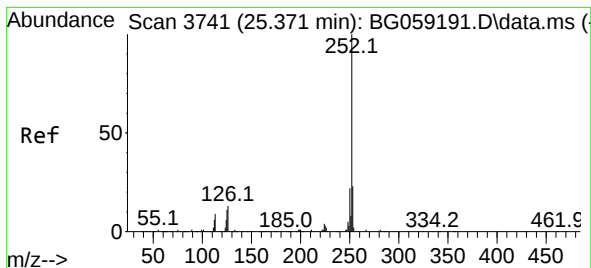
Tgt Ion:149 Resp: 589



#90
Benzo(b)fluoranthene
Concen: 1.491 ng/ul
RT: 24.392 min Scan# 3575
Delta R.T. -0.018 min
Lab File: BG059199.D
Acq: 26 Sep 2023 15:41

Tgt Ion:252 Resp: 330
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 8.6 13.0#





#93

Benzo(a)pyrene

Concen: 2.591 ng/ul

RT: 25.368 min Scan# 31

Delta R.T. -0.030 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

Instrument :

BNA_G

ClientSampleId :

BBJ65

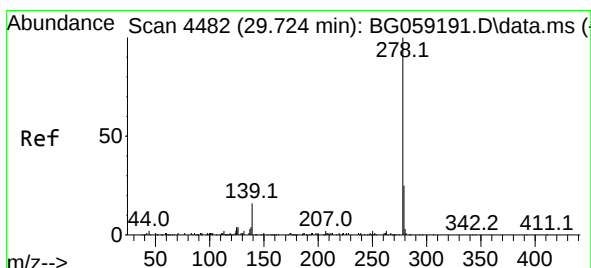
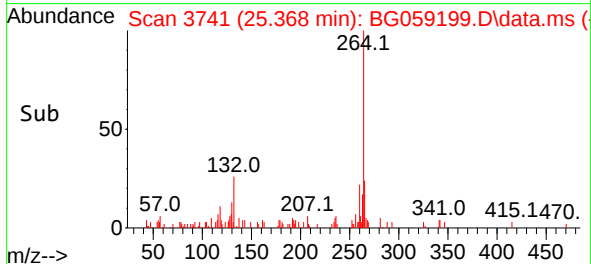
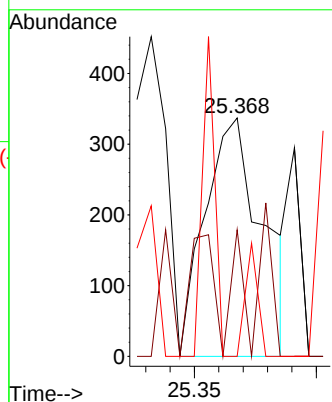
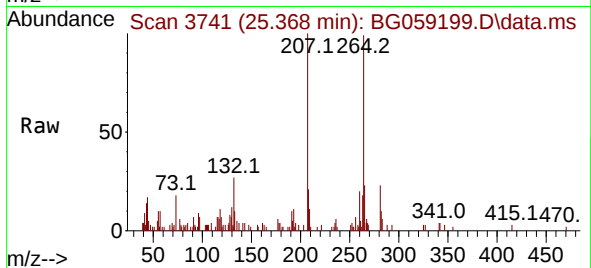
Tgt Ion:252 Resp: 551

Ion Ratio Lower Upper

252 100

253 53.1 17.6 26.4#

125 0.0 8.3 12.5#



#95

Dibenzo(a,h)anthracene

Concen: 1.116 ng/ul

RT: 29.698 min Scan# 4478

Delta R.T. -0.065 min

Lab File: BG059199.D

Acq: 26 Sep 2023 15:41

Tgt Ion:278 Resp: 217

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

279 0.0 19.0 28.4#

