

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059184.D
 Acq On : 25 Sep 2023 15:08
 Operator : MA/JU
 Sample : 04429-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ2

Quant Time: Sep 25 22:37:44 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)

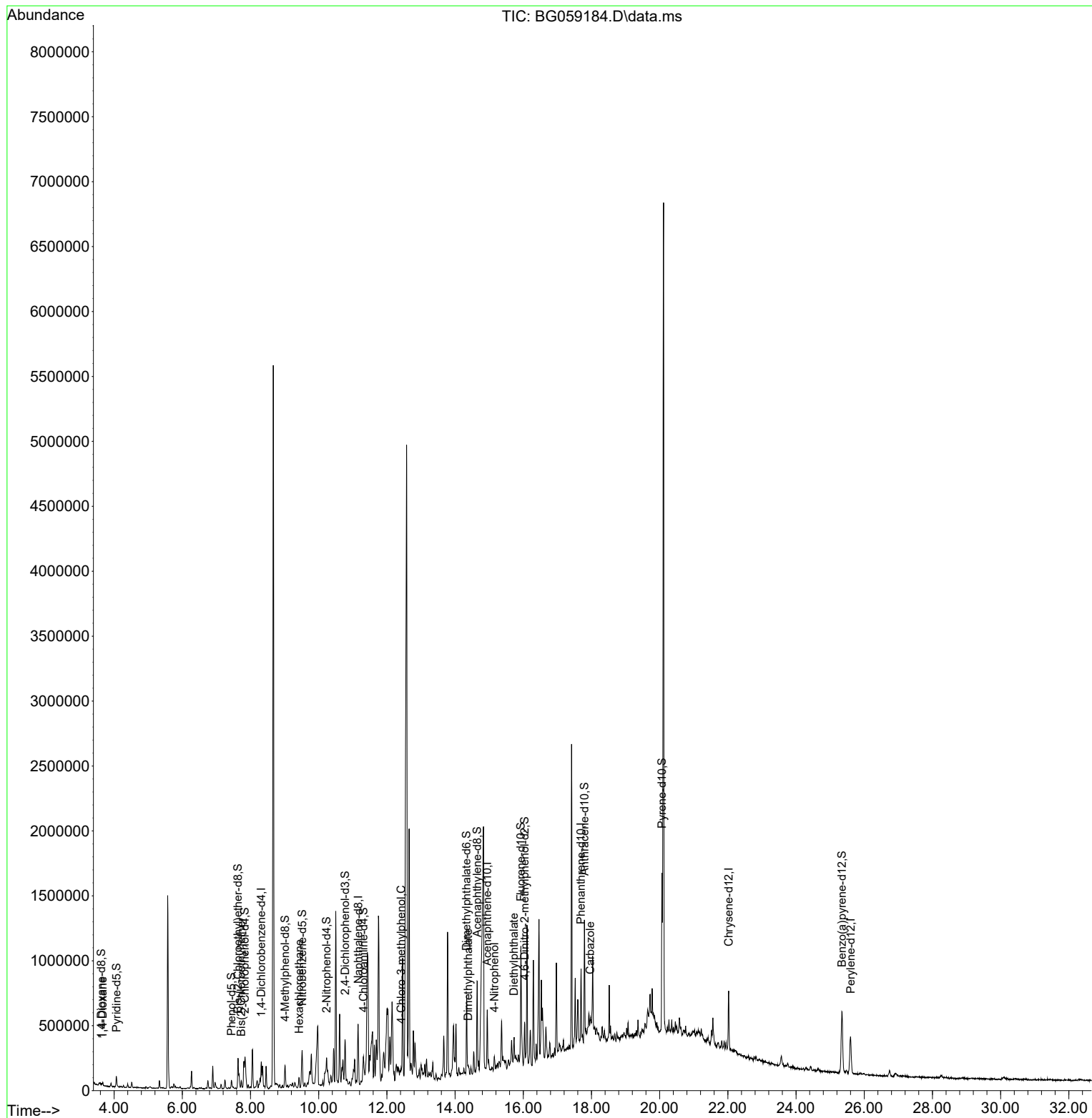
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	51696	20.000	ng/ul	0.01
20) Naphthalene-d8	11.161	136	253137	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.945	164	155842	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.695	188	340649	20.000	ng/ul	0.01
79) Chrysene-d12	22.025	240	286093	20.000	ng/ul	0.02
88) Perylene-d12	25.603	264	337253	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	6587	4.987	ng/uL	0.00
4) Pyridine-d5	4.070	84	42347	10.929	ng/ul	0.01
7) Phenol-d5	7.442	99	42896	8.439	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.636	67	101785	32.630	ng/ul	0.01
11) 2-Chlorophenol-d4	7.836	132	103029	27.466	ng/ul	0.01
15) 4-Methylphenol-d8	9.017	113	71909	17.763	ng/ul	0.02
21) Nitrobenzene-d5	9.516	128	67335	34.472	ng/ul	0.01
24) 2-Nitrophenol-d4	10.233	143	67930	34.426	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.774	165	125354	33.462	ng/ul	0.02
31) 4-Chloroaniline-d4	11.314	131	81813	13.992	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	414925	34.619	ng/ul	0.01
49) Acenaphthylene-d8	14.651	160	513522	35.188	ng/ul	0.02
54) 4-Nitrophenol-d4	15.121	143	151	0.069	ng/ul	0.00
60) Fluorene-d10	15.932	176	375926	34.266	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	67518	34.863	ng/ul	0.01
73) Anthracene-d10	17.795	188	545965	35.224	ng/ul	0.01
81) Pyrene-d10	20.069	212	638111	38.160	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.345	264	568358	34.513	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.664	88	12694	8.500	ng/uL#	87
10) Bis(2-Chloroethyl)ether	7.730	93	32102	7.653	ng/ul	98
19) Hexachloroethane	9.428	117	5473	3.637	ng/ul#	4
35) 4-Chloro-3-methylphenol	12.419	107	16904	4.238	ng/ul#	39
47) Dimethylphthalate	14.381	163	27392	2.238	ng/ul#	87
55) 4-Nitrophenol	15.151	109	1921	1.329	ng/ul#	18
59) Diethylphthalate	15.727	149	74834	6.204	ng/ul	98
77) Carbazole	17.965	167	25989	1.605	ng/ul	95

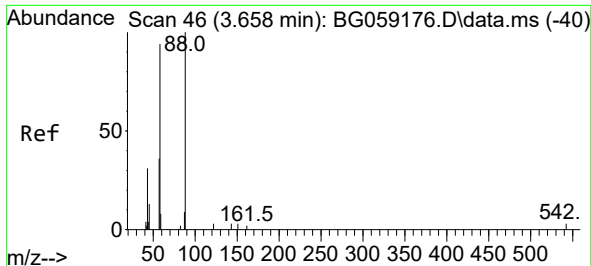
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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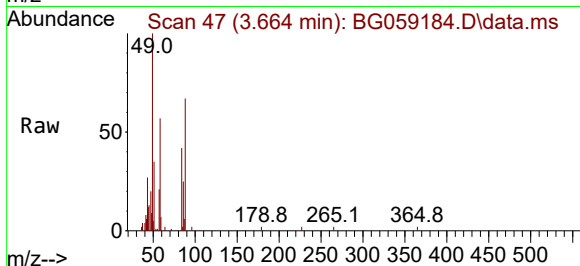
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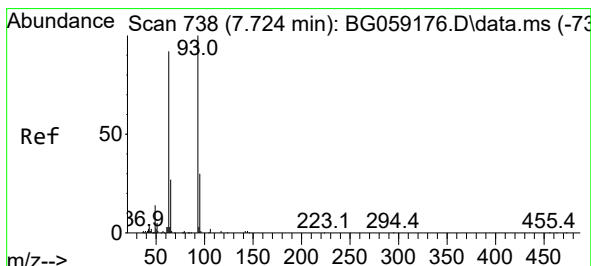
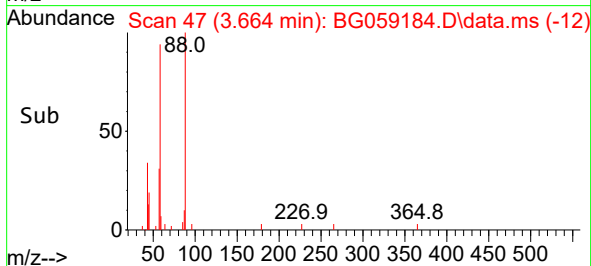
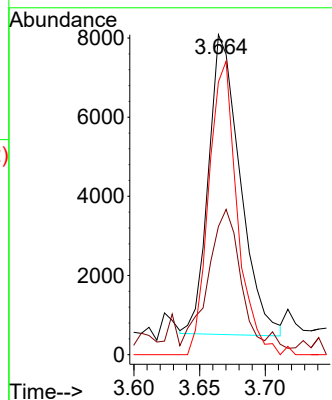


#2
1,4-Dioxane
Concen: 8.500 ng/uL
RT: 3.664 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG059184.D
Acq: 25 Sep 2023 15:08

Instrument :
BNA_G
ClientSampleId :
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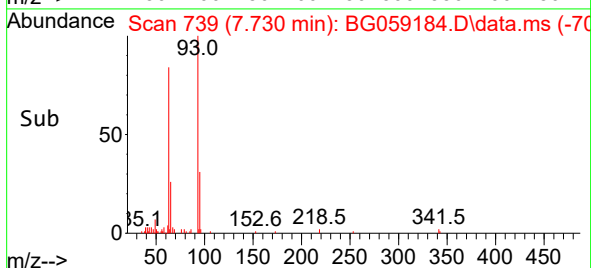
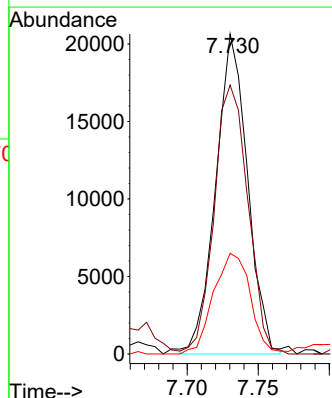
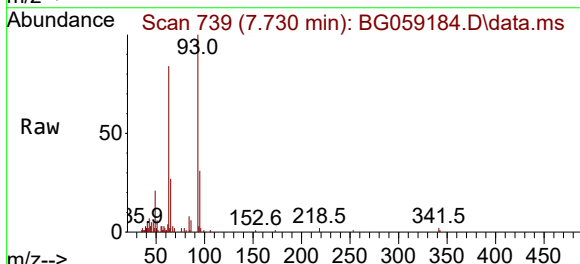


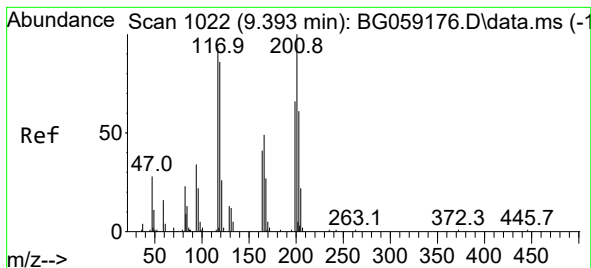
Tgt Ion: 88 Resp: 12694
Ion Ratio Lower Upper
88 100
43 40.1 24.5 36.7#
58 85.3 60.6 91.0



#10
Bis(2-Chloroethyl)ether
Concen: 7.653 ng/uL
RT: 7.730 min Scan# 739
Delta R.T. 0.006 min
Lab File: BG059184.D
Acq: 25 Sep 2023 15:08

Tgt Ion: 93 Resp: 32102
Ion Ratio Lower Upper
93 100
63 84.0 68.3 102.5
95 31.5 23.8 35.8





#19

Hexachloroethane

Concen: 3.637 ng/ul

RT: 9.428 min Scan# 1

Delta R.T. 0.035 min

Lab File: BG059184.D

Acq: 25 Sep 2023 15:08

Instrument :

BNA_G

ClientSampleId :

BBKJ2

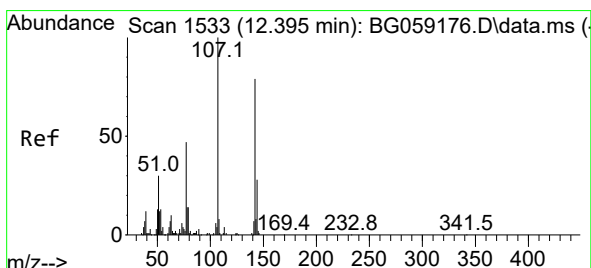
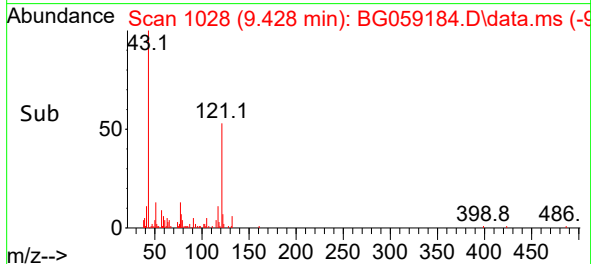
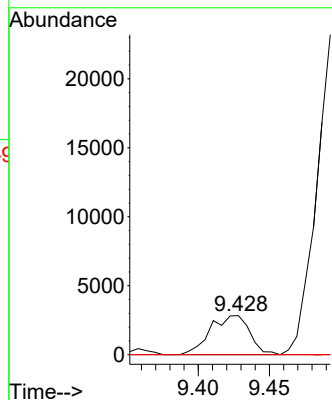
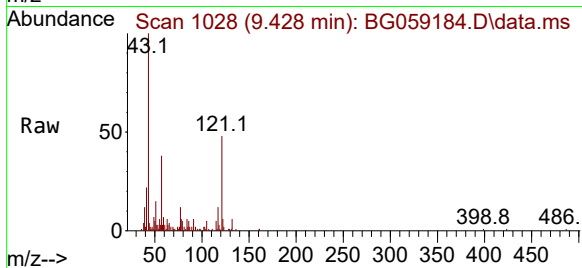
Tgt Ion:117 Resp: 5473

Ion Ratio Lower Upper

117 100

201 0.0 86.4 129.6#

199 0.0 56.2 84.2#



#35

4-Chloro-3-methylphenol

Concen: 4.238 ng/ul

RT: 12.419 min Scan# 1537

Delta R.T. 0.024 min

Lab File: BG059184.D

Acq: 25 Sep 2023 15:08

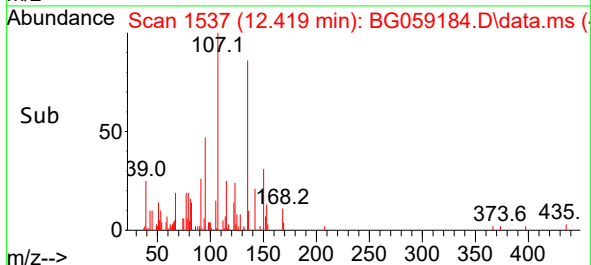
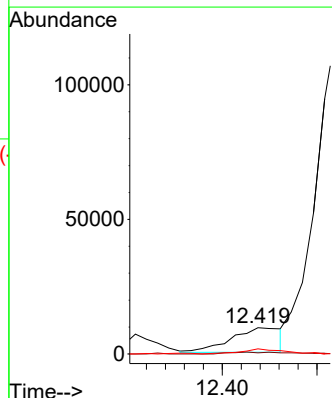
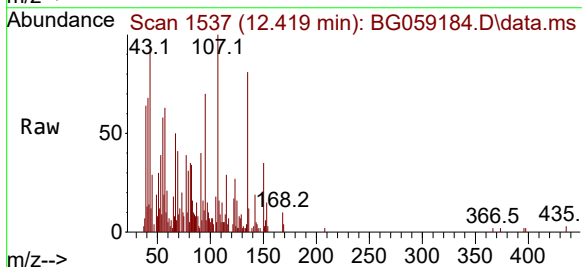
Tgt Ion:107 Resp: 16904

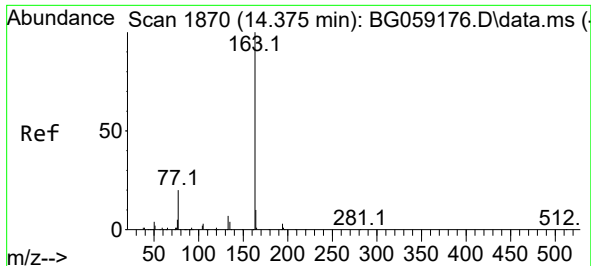
Ion Ratio Lower Upper

107 100

144 4.4 20.1 30.1#

142 19.4 62.7 94.1#

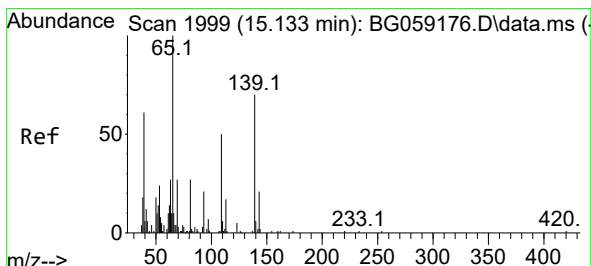
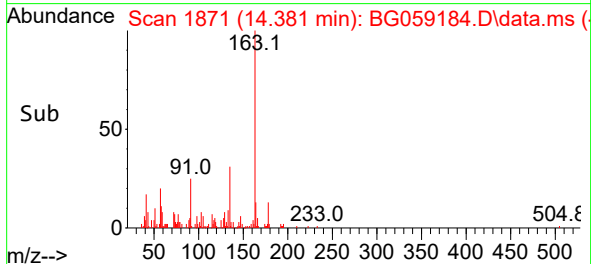
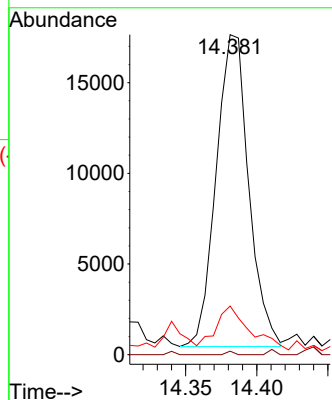
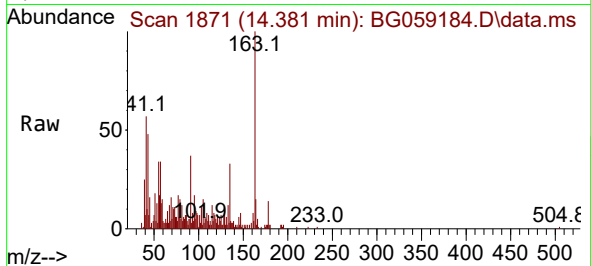




#47
Dimethylphthalate
Concen: 2.238 ng/ul
RT: 14.381 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG059184.D
Acq: 25 Sep 2023 15:08

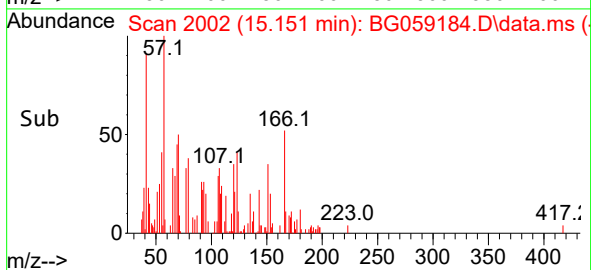
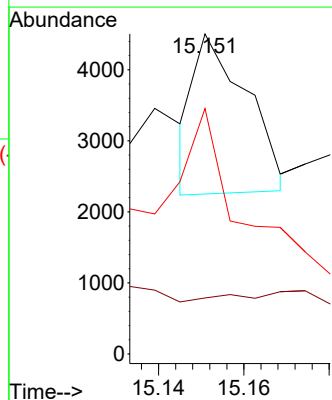
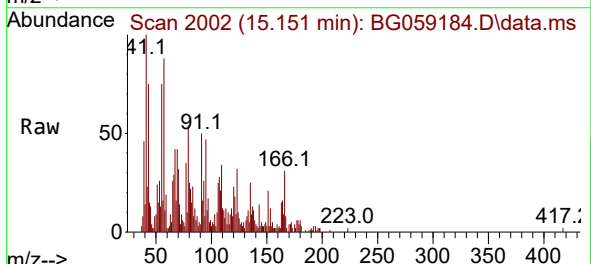
Instrument :
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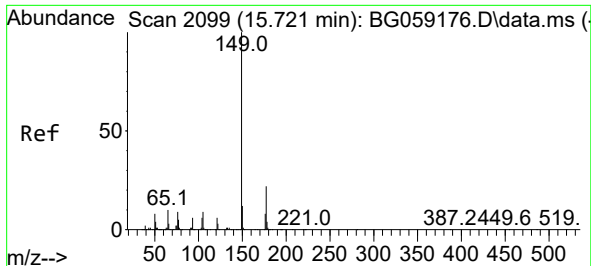
Tgt Ion:163 Resp: 27392
Ion Ratio Lower Upper
163 100
194 1.1 2.8 4.2#
164 15.2 7.6 11.4#



#55
4-Nitrophenol
Concen: 1.329 ng/ul
RT: 15.151 min Scan# 2002
Delta R.T. 0.018 min
Lab File: BG059184.D
Acq: 25 Sep 2023 15:08

Tgt Ion:109 Resp: 1921
Ion Ratio Lower Upper
109 100
139 17.5 114.5 171.7#
65 76.7 132.1 198.1#





#59

Diethylphthalate

Concen: 6.204 ng/ul

RT: 15.727 min Scan# 2100

Delta R.T. 0.006 min

Lab File: BG059184.D

Acq: 25 Sep 2023 15:08

Instrument :

BNA_G

ClientSampleId :

BBKJ2

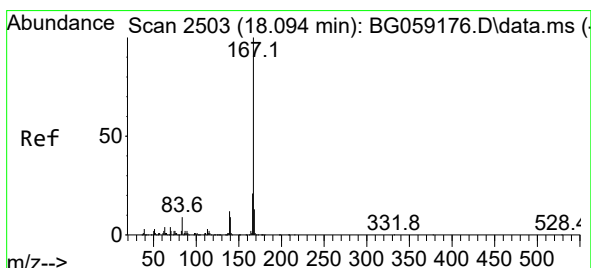
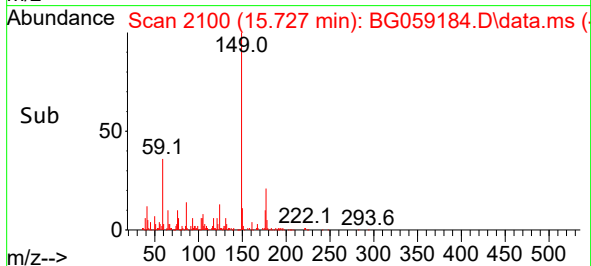
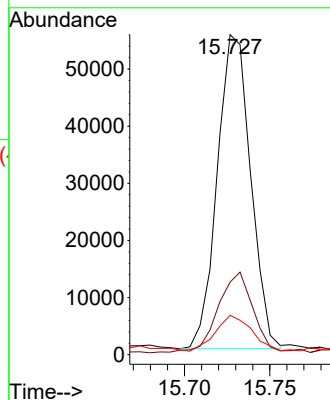
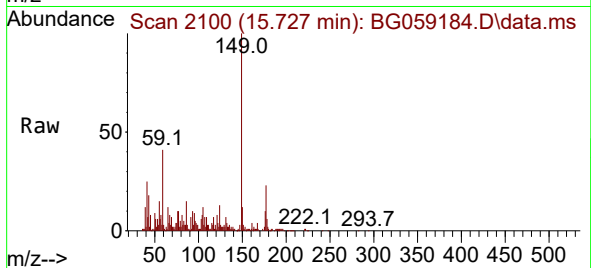
Tgt Ion:149 Resp: 74834

Ion Ratio Lower Upper

149 100

177 22.7 19.4 29.2

150 12.3 9.8 14.8



#77

Carbazole

Concen: 1.605 ng/ul

RT: 17.965 min Scan# 2481

Delta R.T. -0.129 min

Lab File: BG059184.D

Acq: 25 Sep 2023 15:08

Tgt Ion:167 Resp: 25989

Ion Ratio Lower Upper

167 100

166 18.9 16.7 25.1

139 9.8 9.4 14.0

