

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059321.D
 Acq On : 6 Oct 2023 8:31
 Operator : MA/JU
 Sample : 04527-02DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYG9DL

Quant Time: Oct 06 22:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

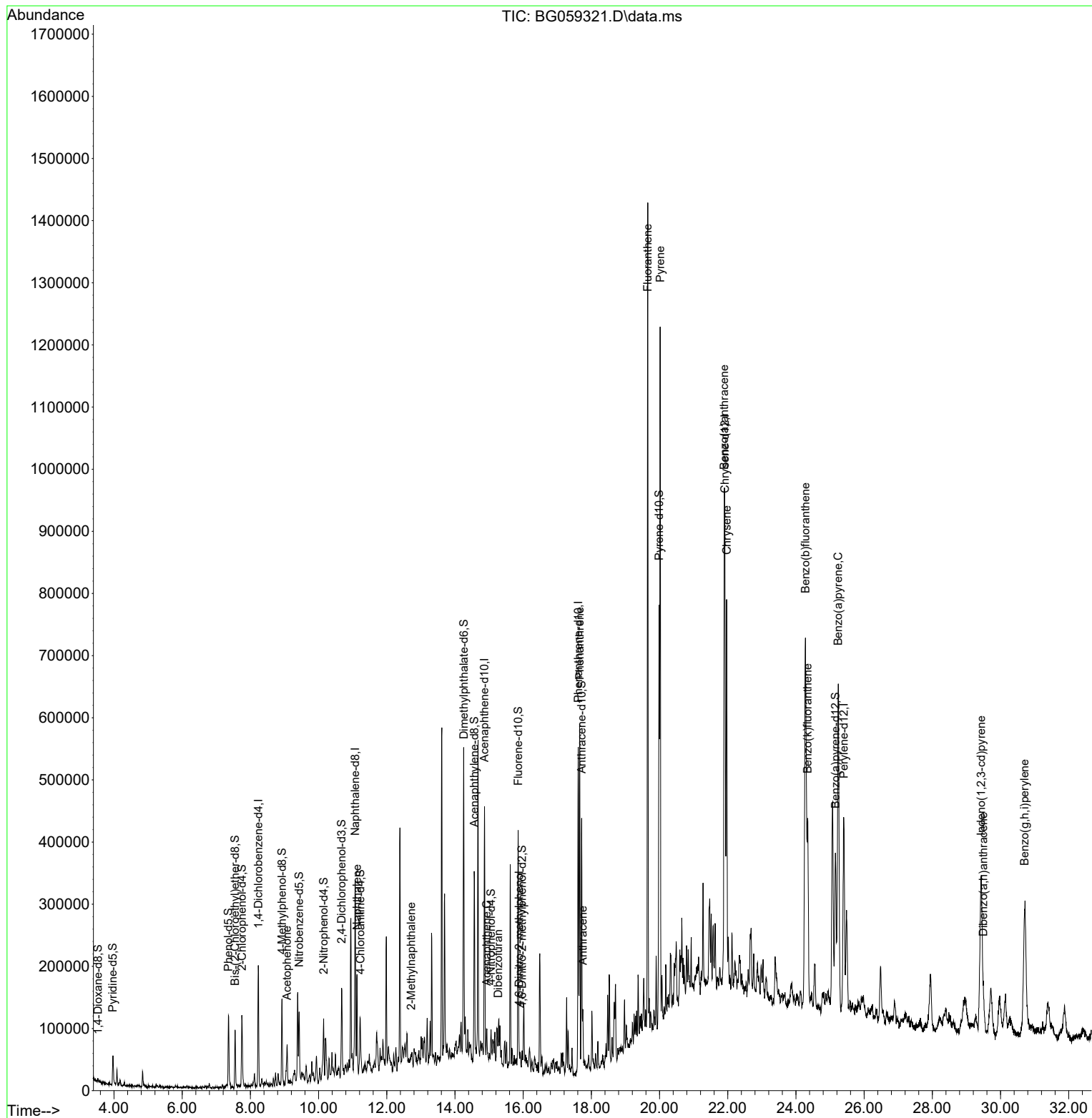
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	54809	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	233560	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	141882	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	324546	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	302557	20.000	ng/ul	0.00
88) Perylene-d12	25.405	264	359519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	3581	2.466	ng/uL	0.00
4) Pyridine-d5	3.966	84	23548	5.557	ng/ul	0.00
7) Phenol-d5	7.356	99	72638	13.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	43033	12.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	51070	13.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	47435	11.185	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	26388	16.011	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	28331	17.510	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	49727	14.961	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	38220	7.107	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	157232	15.328	ng/ul	0.00
49) Acenaphthylene-d8	14.565	160	200297	15.556	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	9554	5.333	ng/ul	0.00
60) Fluorene-d10	15.852	176	160588	16.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	5627	3.373	ng/ul	0.00
73) Anthracene-d10	17.714	188	243242	16.449	ng/ul	0.00
81) Pyrene-d10	19.988	212	287696	16.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	290513	16.815	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.077	105	28495	4.338	ng/ul	94
30) Naphthalene	11.128	128	15203	1.214	ng/ul#	95
36) 2-Methylnaphthalene	12.714	142	8485	1.034	ng/ul	98
52) Acenaphthene	14.929	153	17929	1.901	ng/ul#	77
56) Dibenzofuran	15.264	168	14657	1.172	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.881	198	1969	1.119	ng/ul#	85
72) Phenanthrene	17.656	178	356925	20.040	ng/ul	99
74) Anthracene	17.750	178	55043	2.993	ng/ul	97
80) Fluoranthene	19.653	202	834225	39.967	ng/ul	97
82) Pyrene	20.018	202	695791	31.471	ng/ul	98
85) Benzo(a)anthracene	21.898	228	456744	21.445	ng/ul	99
87) Chrysene	21.968	228	470159	23.373	ng/ul	97
90) Benzo(b)fluoranthene	24.277	252	828237	37.613	ng/ul	98
91) Benzo(k)fluoranthene	24.342	252	249294	11.173	ng/ul	98
93) Benzo(a)pyrene	25.235	252	580074	27.769	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.430	276	430011	18.185	ng/ul	98
95) Dibenzo(a,h)anthracene	29.495	278	26768	1.392	ng/ul#	88
96) Benzo(g,h,i)perylene	30.705	276	227857	11.851	ng/ul	95

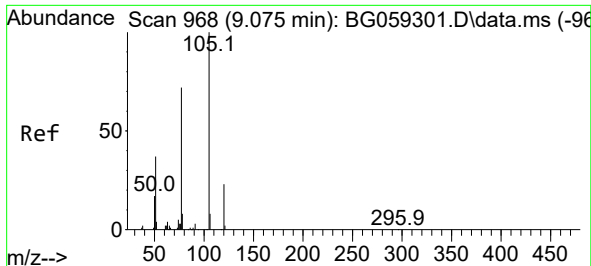
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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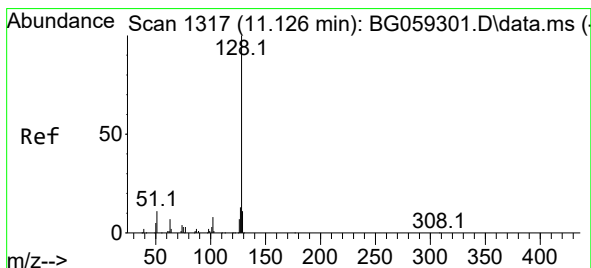
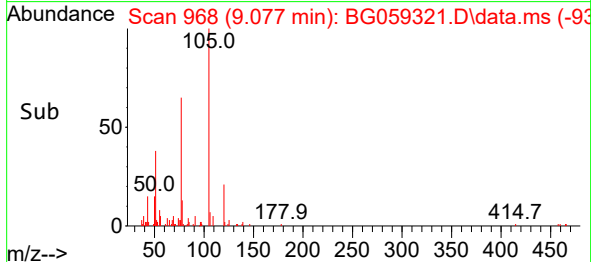
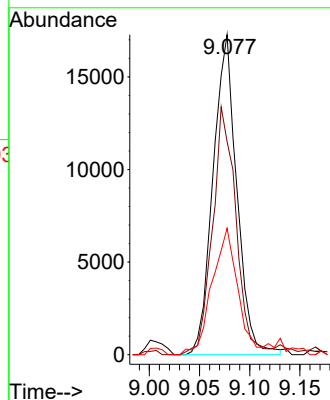
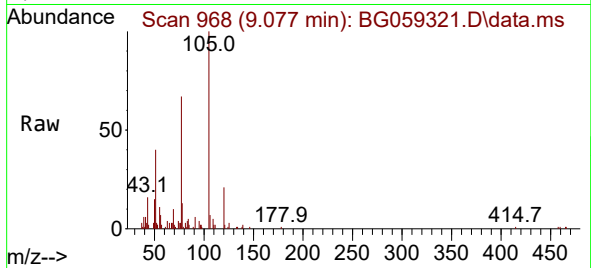




#16
Acetophenone
Concen: 4.338 ng/ul
RT: 9.077 min Scan# 901
Delta R.T. 0.000 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

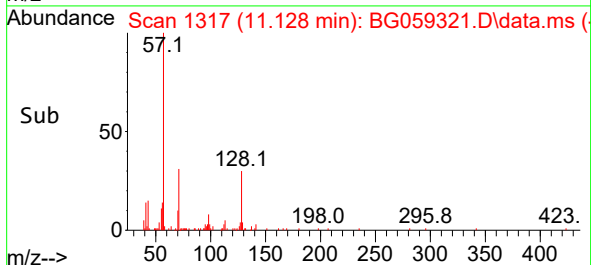
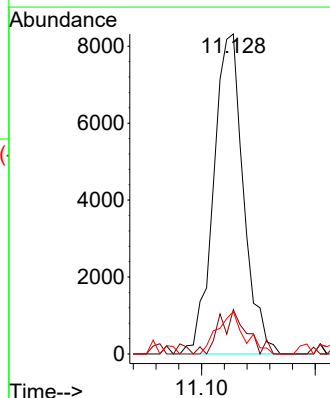
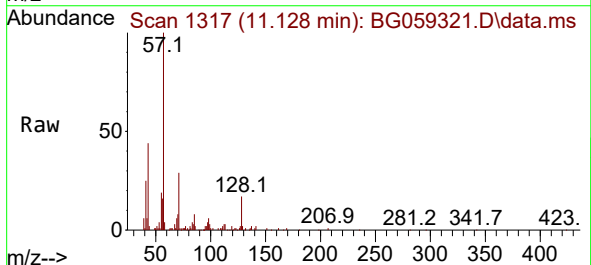
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ClientSampleId :
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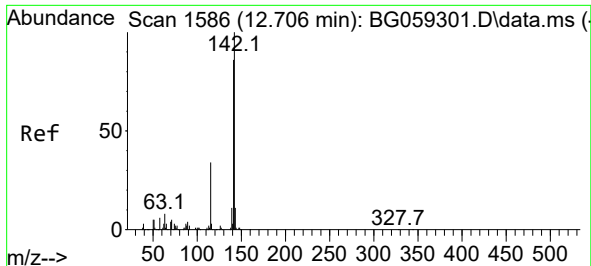
Tgt Ion:105 Resp: 28495
Ion Ratio Lower Upper
105 100
77 66.6 58.8 88.2
51 39.5 32.6 48.8



#30
Naphthalene
Concen: 1.214 ng/ul
RT: 11.128 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:128 Resp: 15203
Ion Ratio Lower Upper
128 100
129 13.8 8.0 12.0#
127 13.2 11.1 16.7

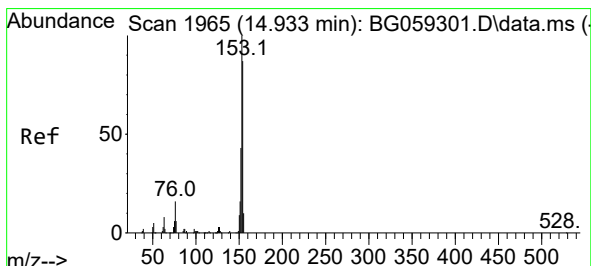
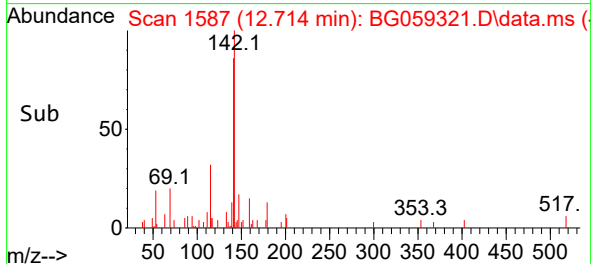
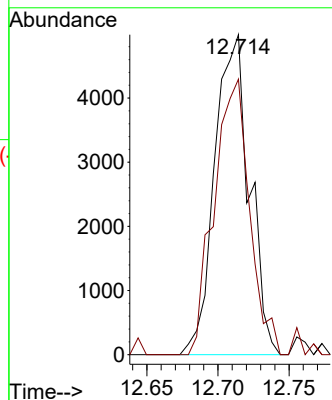
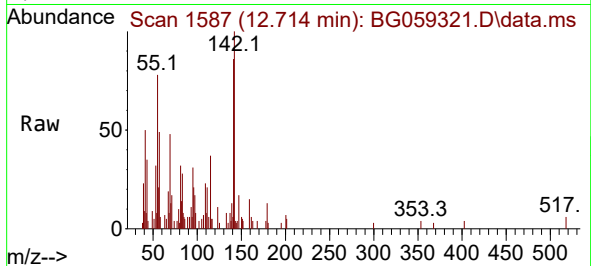




#36
2-Methylnaphthalene
Concen: 1.034 ng/ul
RT: 12.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

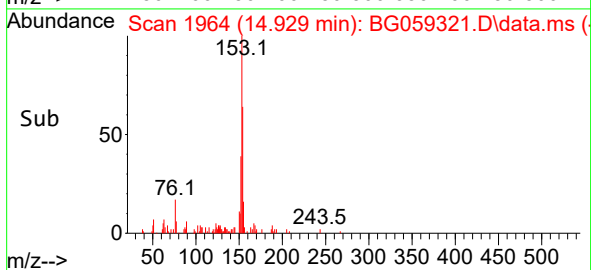
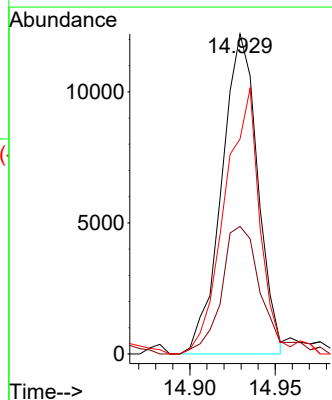
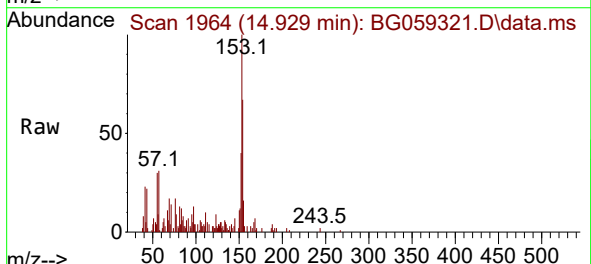
Instrument :
BNA_G
ClientSampleId :
EZYG9DL

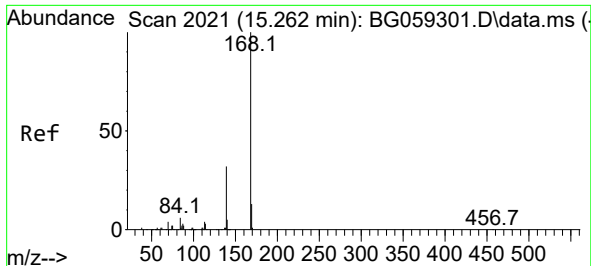
Tgt Ion:142 Resp: 8485
Ion Ratio Lower Upper
142 100
141 86.1 70.2 105.2



#52
Acenaphthene
Concen: 1.901 ng/ul
RT: 14.929 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:153 Resp: 17929
Ion Ratio Lower Upper
153 100
152 39.9 38.5 57.7
154 67.2 76.3 114.5#

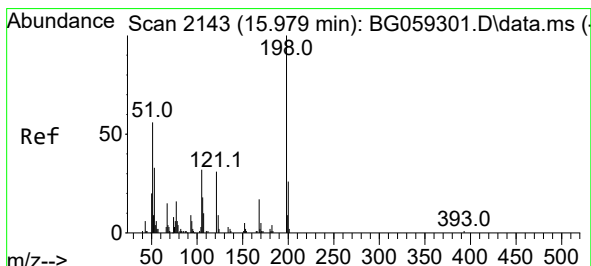
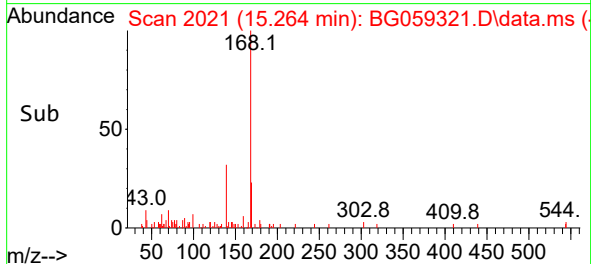
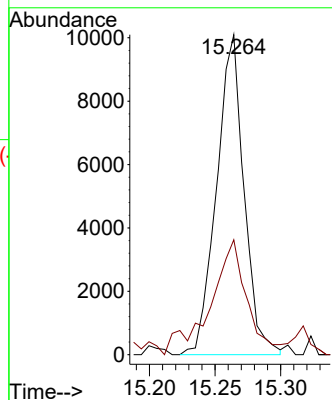
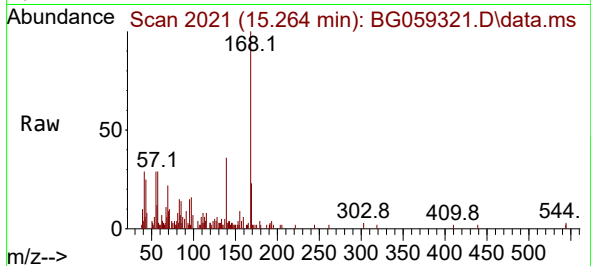




#56
Dibenzenofuran
Concen: 1.172 ng/ul
RT: 15.264 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

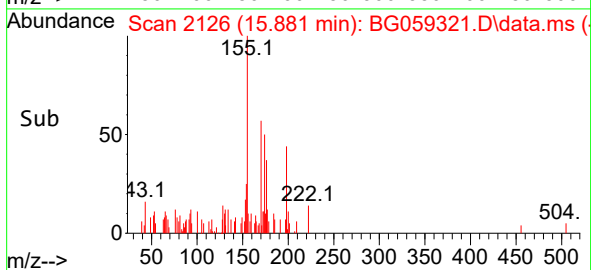
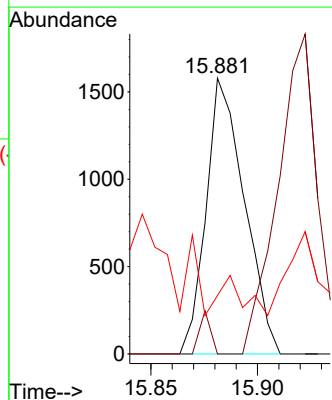
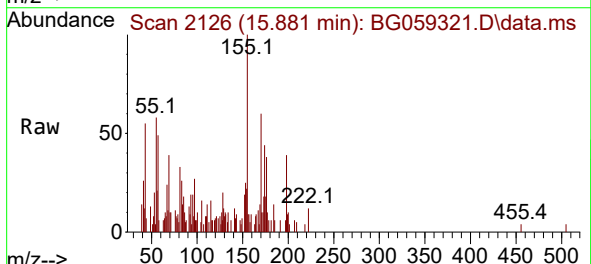
Instrument :
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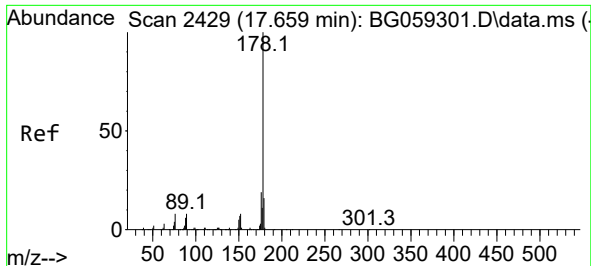
Tgt Ion:168 Resp: 14657
Ion Ratio Lower Upper
168 100
139 35.9 26.6 39.8



#66
4,6-Dinitro-2-methylphenol
Concen: 1.119 ng/ul
RT: 15.881 min Scan# 2126
Delta R.T. -0.100 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:198 Resp: 1969
Ion Ratio Lower Upper
198 100
182 0.0 4.4 6.6#
77 21.2 23.2 34.8#

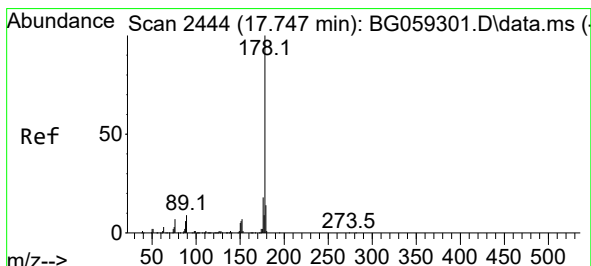
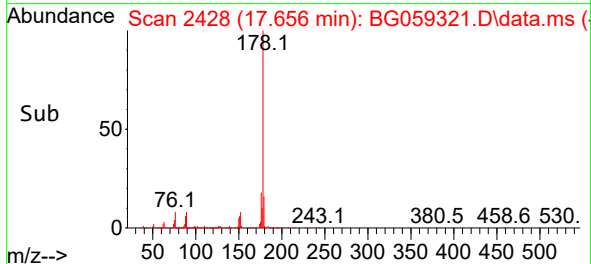
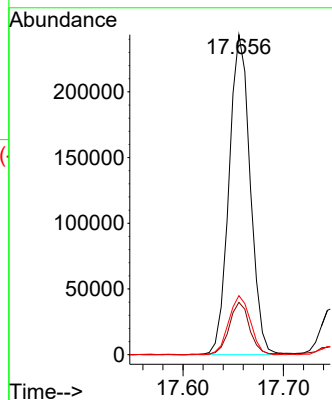
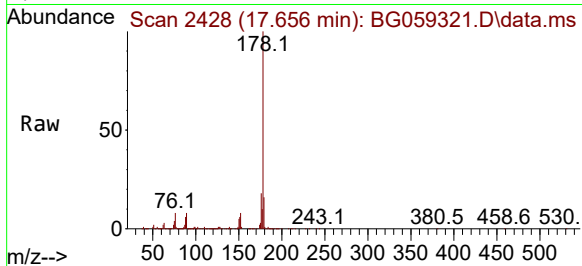




#72
Phenanthrene
Concen: 20.040 ng/ul
RT: 17.656 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

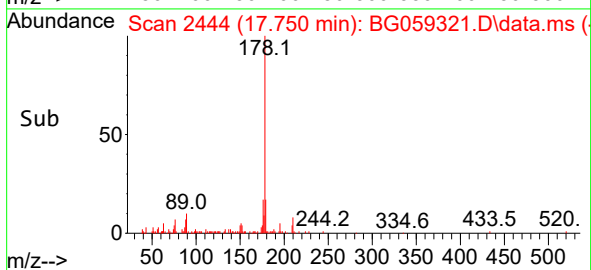
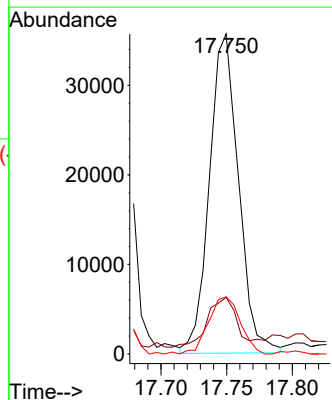
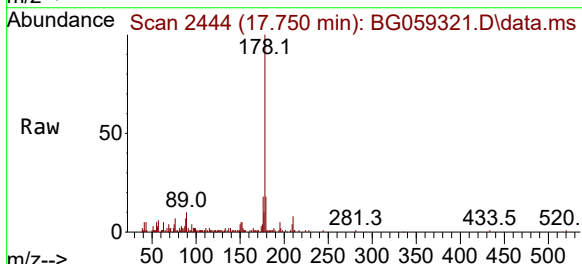
Instrument :
BNA_G
ClientSampleId :
EZYG9DL

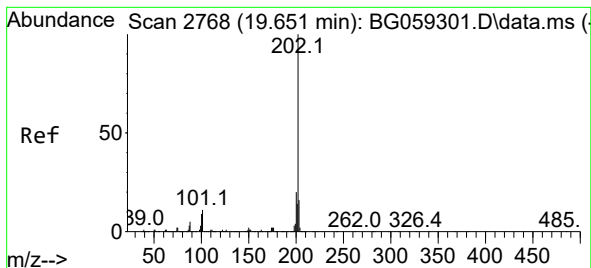
Tgt Ion:178 Resp: 356925
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 18.5 14.6 21.8



#74
Anthracene
Concen: 2.993 ng/ul
RT: 17.750 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:178 Resp: 55043
Ion Ratio Lower Upper
178 100
179 17.7 12.0 18.0
176 17.8 14.5 21.7





#80

Fluoranthene

Concen: 39.967 ng/ul

RT: 19.653 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

Instrument :

BNA_G

ClientSampleId :

EZYG9DL

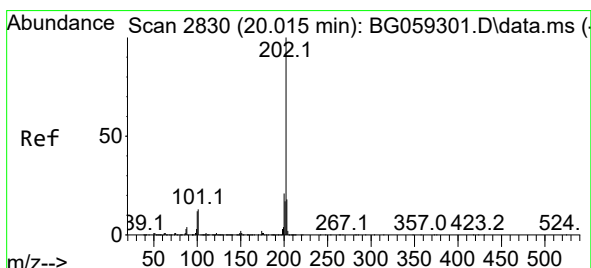
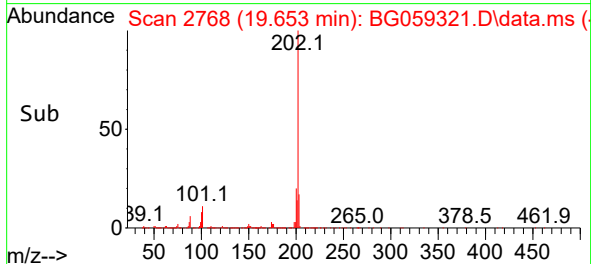
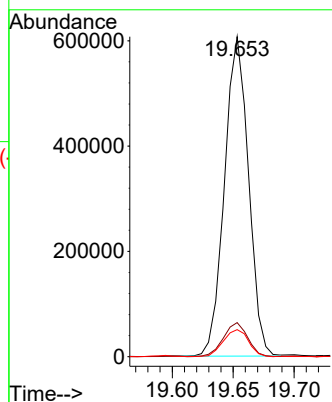
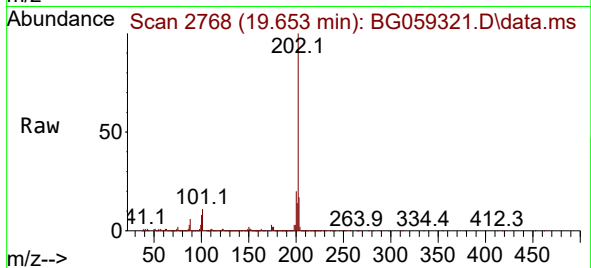
Tgt Ion:202 Resp: 834225

Ion Ratio Lower Upper

202 100

101 10.7 8.2 12.4

100 8.4 8.2 12.2



#82

Pyrene

Concen: 31.471 ng/ul

RT: 20.018 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

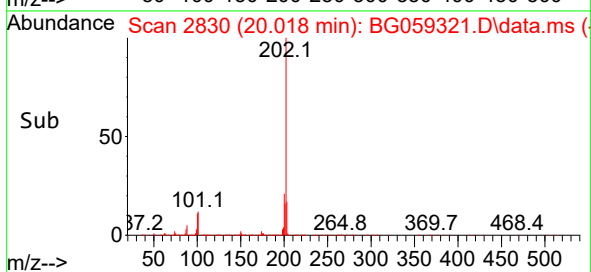
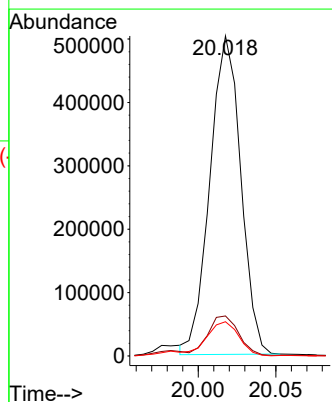
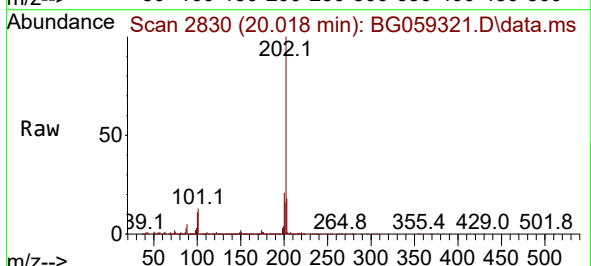
Tgt Ion:202 Resp: 695791

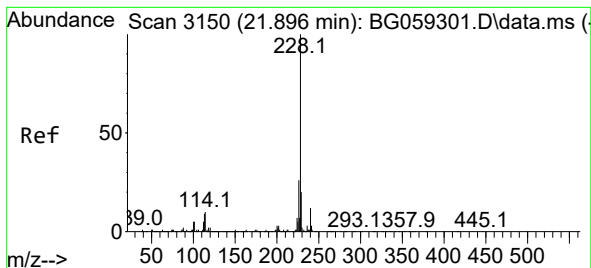
Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.4

100 10.7 9.6 14.4





#85

Benzo(a)anthracene

Concen: 21.445 ng/ul

RT: 21.898 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

Instrument :

BNA_G

ClientSampleId :

EZYG9DL

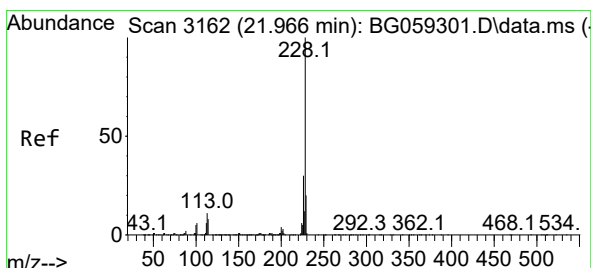
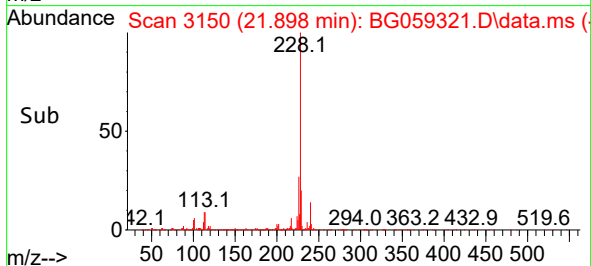
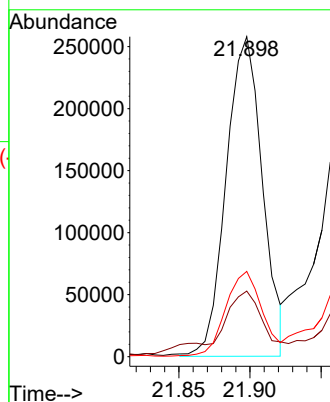
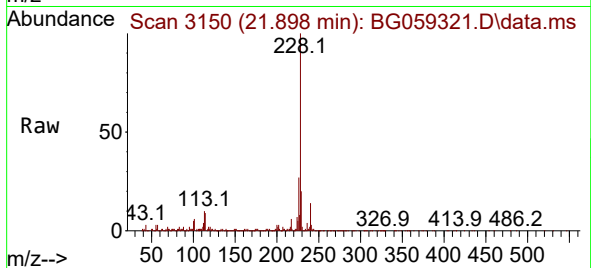
Tgt Ion:228 Resp: 456744

Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

226 26.6 21.4 32.2



#87

Chrysene

Concen: 23.373 ng/ul

RT: 21.968 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

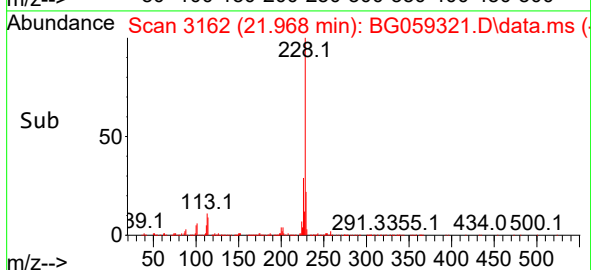
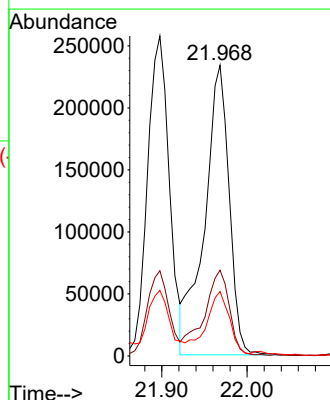
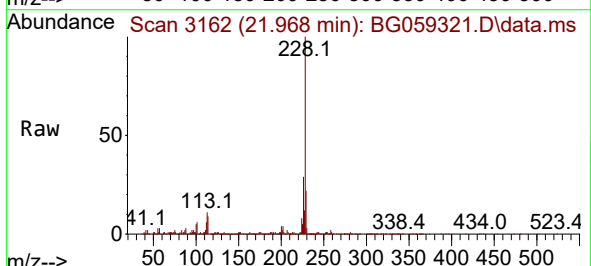
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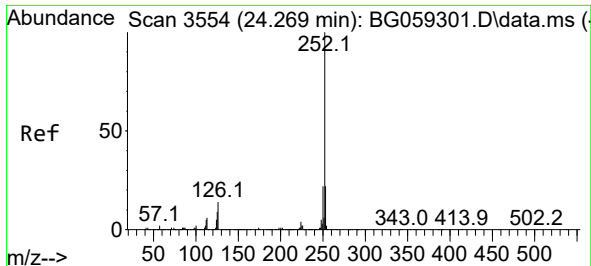
Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

229 22.2 16.2 24.2

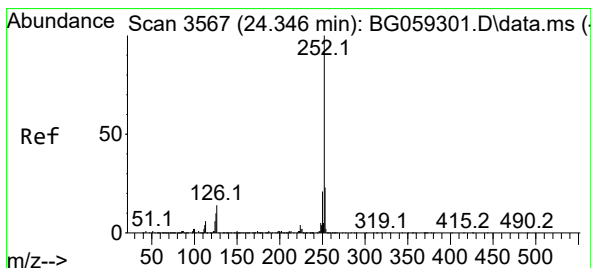
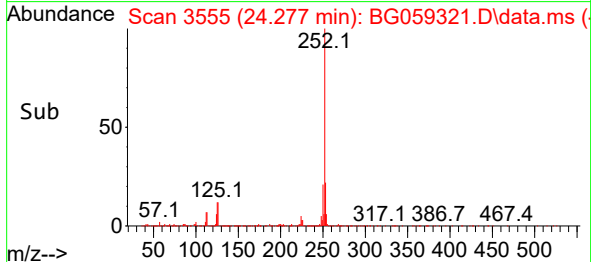
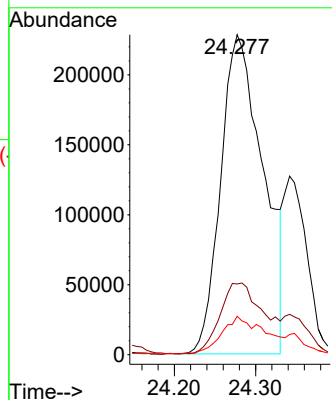
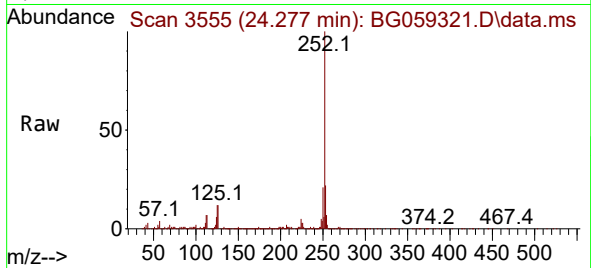




#90
Benzo(b)fluoranthene
Concen: 37.613 ng/ul
RT: 24.277 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

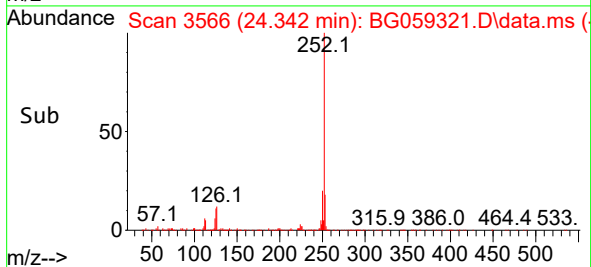
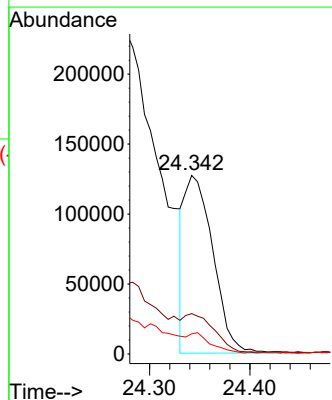
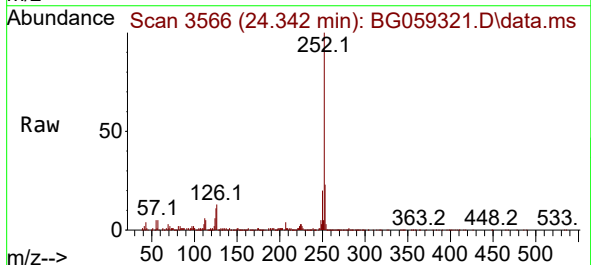
Instrument :
BNA_G
ClientSampleId :
EZYG9DL

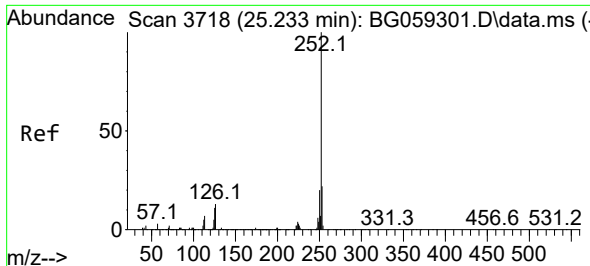
Tgt Ion:252 Resp: 828237
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 12.0 8.1 12.1



#91
Benzo(k)fluoranthene
Concen: 11.173 ng/ul
RT: 24.342 min Scan# 3566
Delta R.T. -0.017 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:252 Resp: 249294
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.2 8.1 12.1

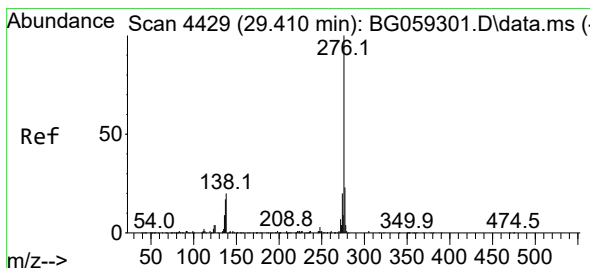
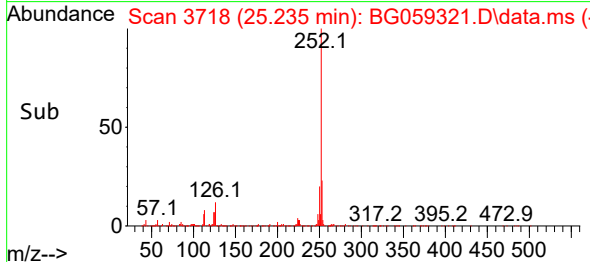
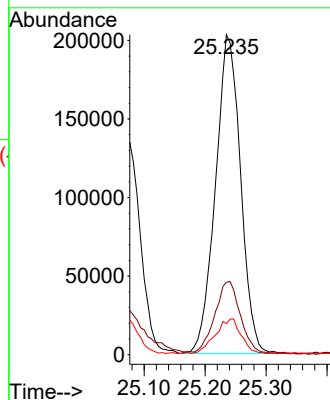
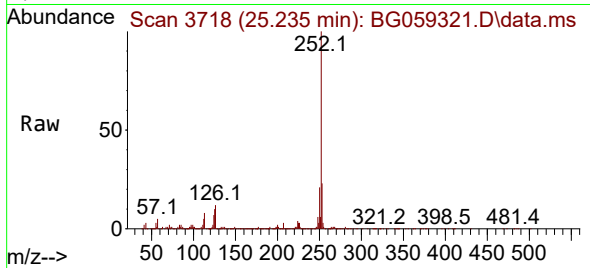




#93
Benzo(a)pyrene
Concen: 27.769 ng/ul
RT: 25.235 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

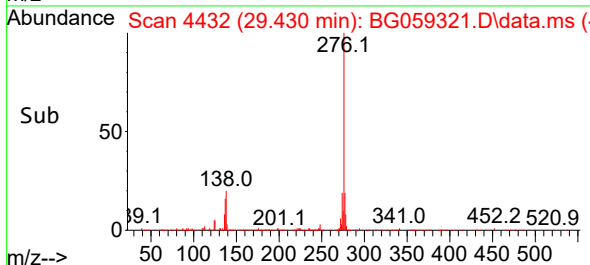
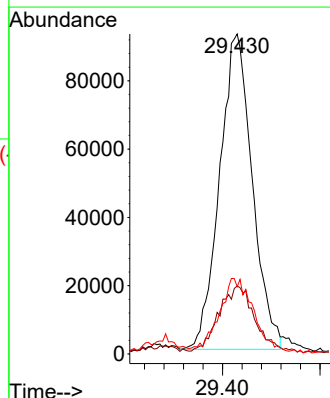
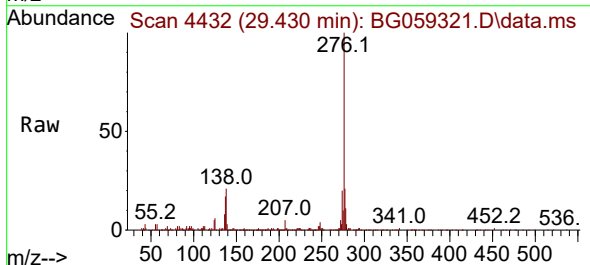
Instrument :
BNA_G
ClientSampleId :
EZYG9DL

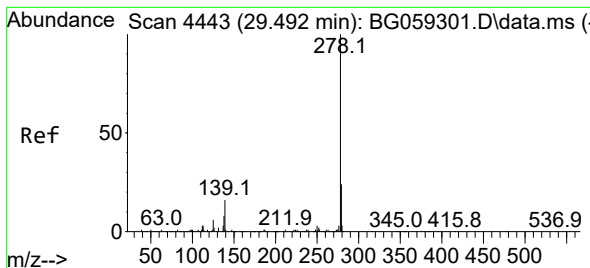
Tgt Ion:252 Resp: 580074
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 9.7 9.4 14.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.185 ng/ul
RT: 29.430 min Scan# 4432
Delta R.T. -0.006 min
Lab File: BG059321.D
Acq: 6 Oct 2023 8:31

Tgt Ion:276 Resp: 430011
Ion Ratio Lower Upper
276 100
138 21.3 17.0 25.6
277 21.0 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 1.392 ng/ul

RT: 29.495 min Scan# 4443

Delta R.T. -0.017 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

Instrument :

BNA_G

ClientSampleId :

EZYG9DL

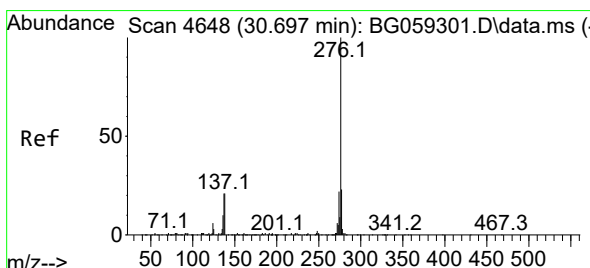
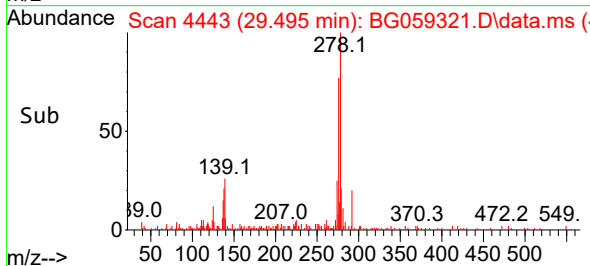
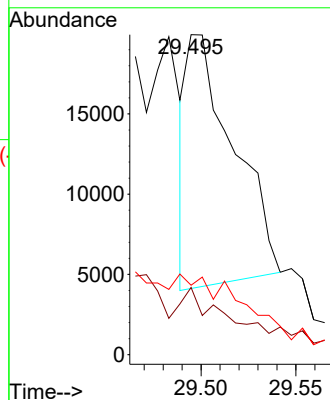
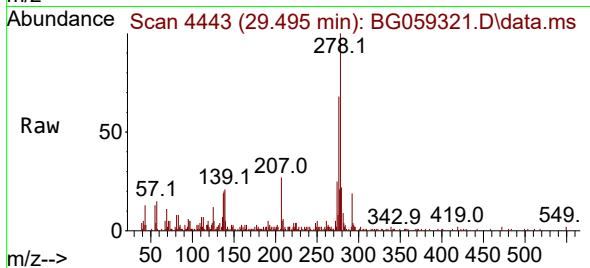
Tgt Ion:278 Resp: 26768

Ion Ratio Lower Upper

278 100

139 26.1 12.1 18.1#

279 21.7 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 11.851 ng/ul

RT: 30.705 min Scan# 4649

Delta R.T. -0.006 min

Lab File: BG059321.D

Acq: 6 Oct 2023 8:31

Tgt Ion:276 Resp: 227857

Ion Ratio Lower Upper

276 100

138 22.9 16.6 25.0

277 22.0 20.0 30.0

