

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059299.D
 Acq On : 5 Oct 2023 16:43
 Operator : MA/JU
 Sample : 04527-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

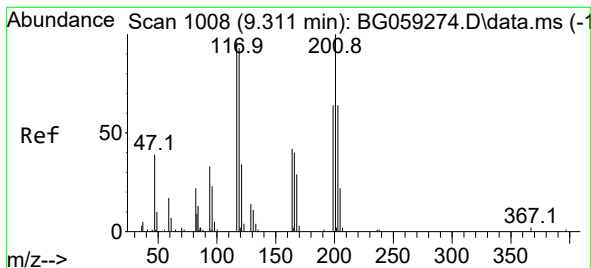
Instrument :
 BNA_G
 ClientSampleId :
 EZYK7

Quant Time: Oct 05 22:39:25 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	8.235	152	32522	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	158075	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.868	164	99393	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	199394	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	154664	20.000	ng/ul	# 0.00
88) Perylene-d12	25.433	264	195288	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4297	4.987	ng/uL	0.00
4) Pyridine-d5	3.964	84	67322	26.776	ng/ul	0.00
7) Phenol-d5	7.360	99	101336	31.129	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	65303	31.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	80998	37.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	78399	31.155	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	46033	41.268	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	47237	43.137	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	84078	37.376	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	109388	30.055	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	261267	36.357	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	333691	36.995	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	36775	29.305	ng/ul	0.00
60) Fluorene-d10	15.856	176	249208	36.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	21219	20.703	ng/ul	0.00
73) Anthracene-d10	17.718	188	349737	38.494	ng/ul	0.00
81) Pyrene-d10	19.998	212	364696	42.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.186	264	350622	37.362	ng/ul	0.02
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.334	117	23969	26.369	ng/ul#	7
30) Naphthalene	11.132	128	95185	11.231	ng/ul	97
36) 2-Methylnaphthalene	12.712	142	35358	6.368	ng/ul	96
37) 1-Methylnaphthalene	12.930	142	55539	9.856	ng/ul#	93
43) 1,1'-Biphenyl	13.699	154	11530	1.436	ng/ul	92
52) Acenaphthene	14.933	153	16120	2.439	ng/ul#	89
56) Dibenzofuran	15.268	168	10982	1.254	ng/ul#	85
61) Fluorene	15.914	166	10615	1.443	ng/ul#	86
72) Phenanthrene	17.659	178	57929	5.294	ng/ul#	90
80) Fluoranthene	19.663	202	24726	2.317	ng/ul#	87
82) Pyrene	20.021	202	29311	2.593	ng/ul#	83

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



#19

Hexachloroethane

Concen: 26.369 ng/ul

RT: 9.334 min Scan# 1012

Delta R.T. 0.016 min

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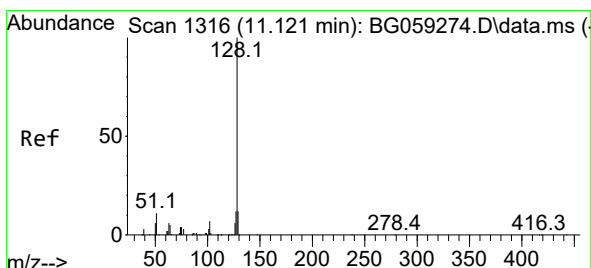
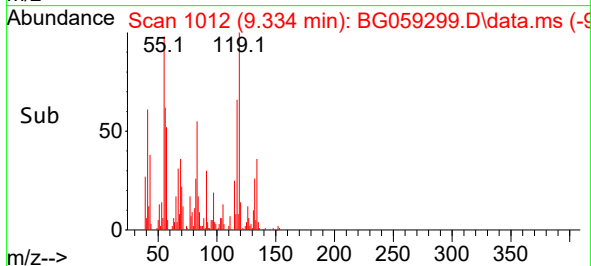
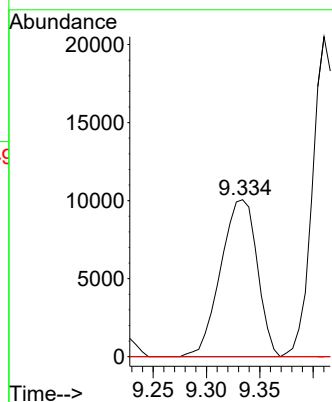
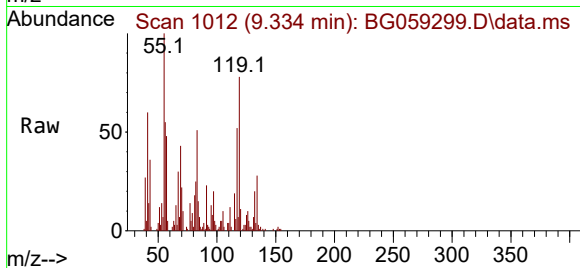
Tgt Ion:117 Resp: 23969

Ion Ratio Lower Upper

117 100

201 0.0 78.2 117.4#

199 0.0 53.5 80.3#



#30

Naphthalene

Concen: 11.231 ng/ul

RT: 11.132 min Scan# 1318

Delta R.T. 0.004 min

Lab File: BG059299.D

Acq: 5 Oct 2023 16:43

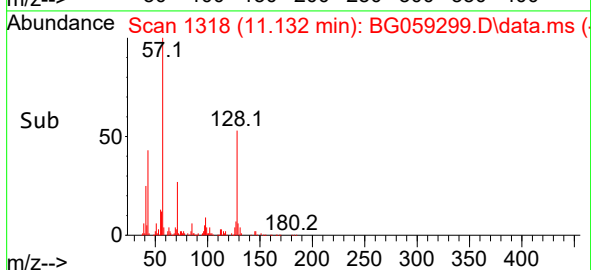
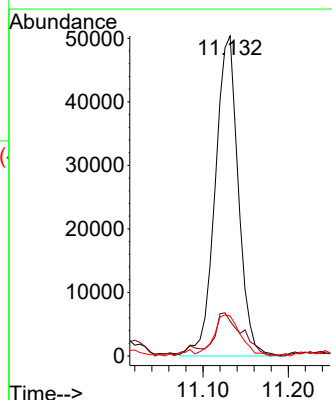
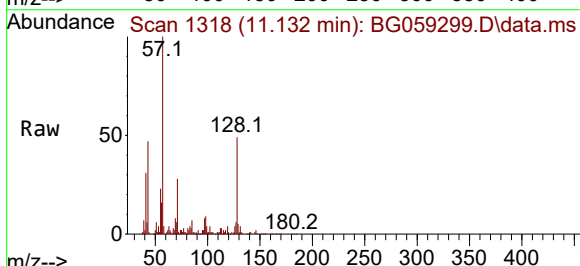
Tgt Ion:128 Resp: 95185

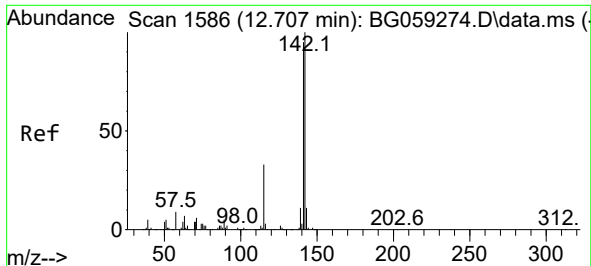
Ion Ratio Lower Upper

128 100

129 10.8 8.0 12.0

127 12.5 11.1 16.7





#36

2-Methylnaphthalene

Concen: 6.368 ng/ul

RT: 12.712 min Scan# 1587

Delta R.T. -0.002 min

Lab File: BG059299.D

Acq: 5 Oct 2023 16:43

Instrument :

BNA_G

ClientSampleId :

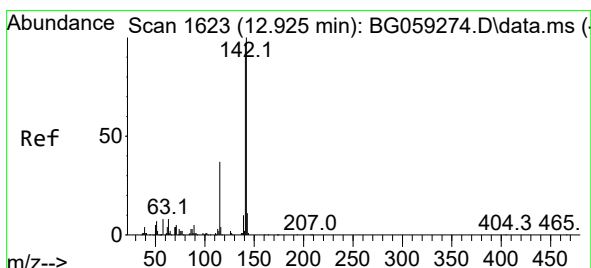
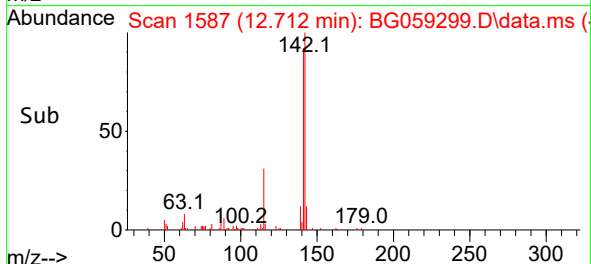
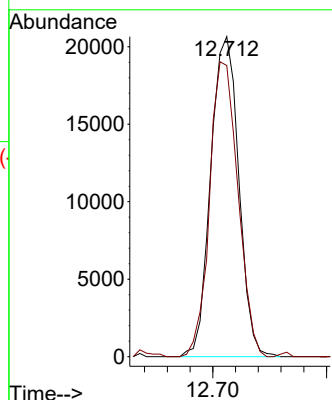
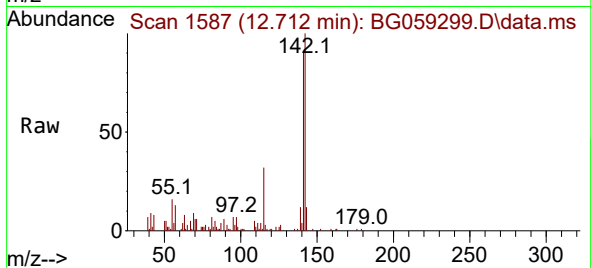
EZYK7

Tgt Ion:142 Resp: 35358

Ion Ratio Lower Upper

142 100

141 91.0 70.2 105.2



#37

1-Methylnaphthalene

Concen: 9.856 ng/ul

RT: 12.930 min Scan# 1624

Delta R.T. -0.002 min

Lab File: BG059299.D

Acq: 5 Oct 2023 16:43

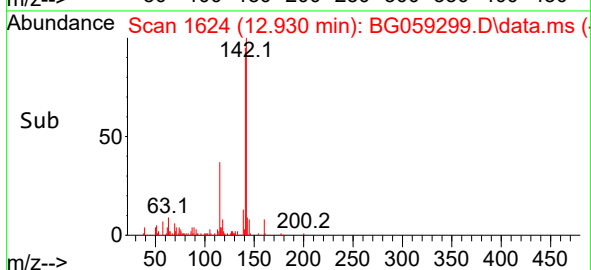
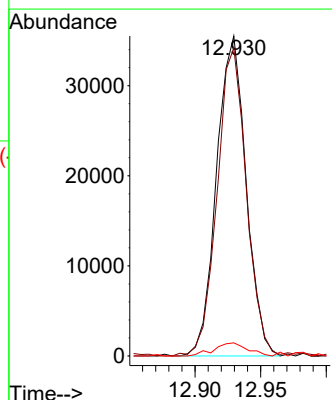
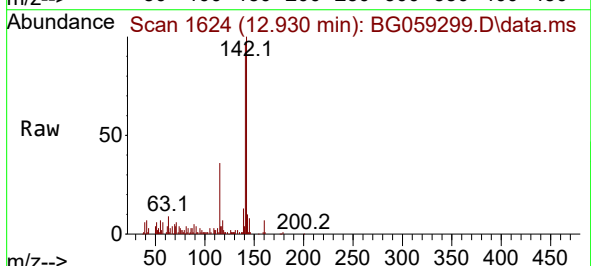
Tgt Ion:142 Resp: 55539

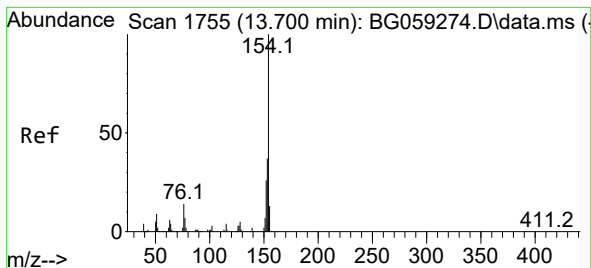
Ion Ratio Lower Upper

142 100

141 96.3 71.6 107.4

116 4.1 2.3 3.5#





#43

1,1'-Biphenyl

Concen: 1.436 ng/ul

RT: 13.699 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059299.D

Acq: 5 Oct 2023 16:43

Instrument :

BNA_G

ClientSampleId :

EZYK7

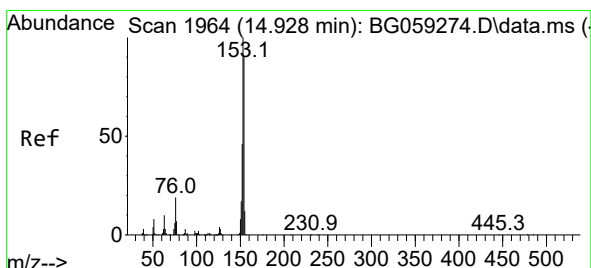
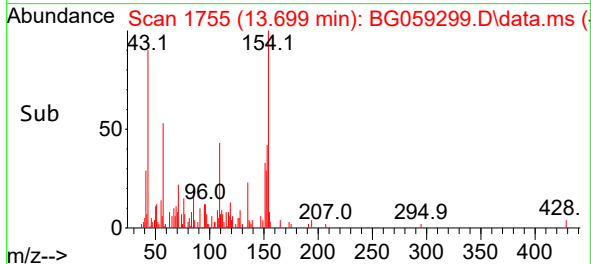
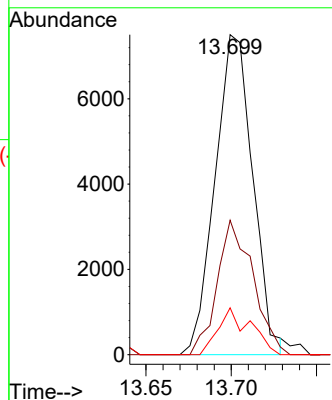
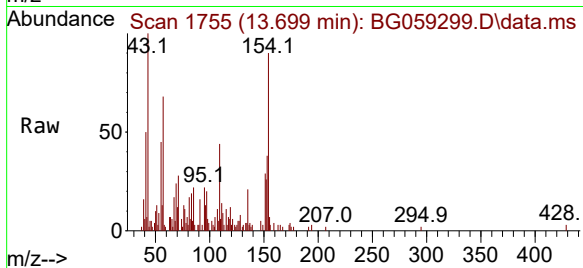
Tgt Ion:154 Resp: 11530

Ion Ratio Lower Upper

154 100

153 42.0 29.2 43.8

76 14.6 10.1 15.1



#52

Acenaphthene

Concen: 2.439 ng/ul

RT: 14.933 min Scan# 1965

Delta R.T. -0.002 min

Lab File: BG059299.D

Acq: 5 Oct 2023 16:43

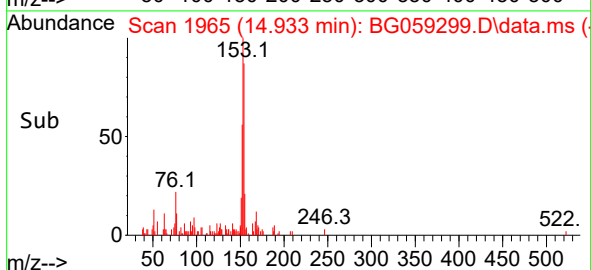
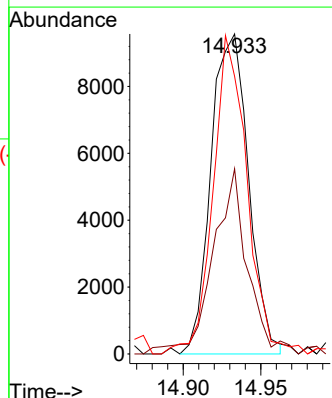
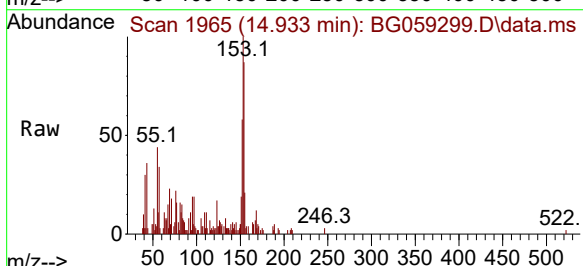
Tgt Ion:153 Resp: 16120

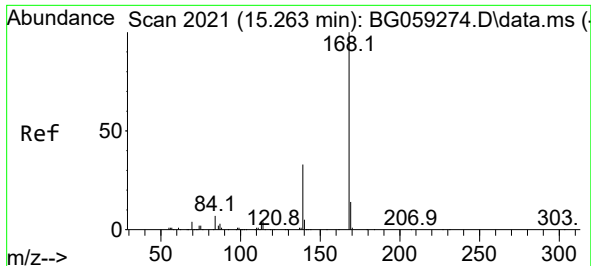
Ion Ratio Lower Upper

153 100

152 57.9 38.5 57.7#

154 86.8 76.3 114.5

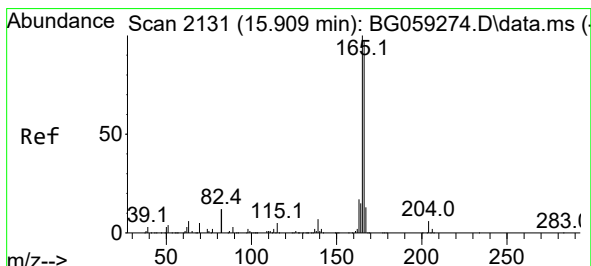
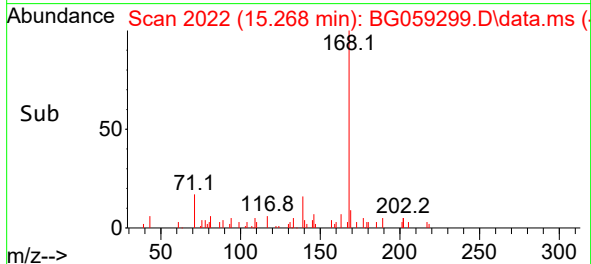
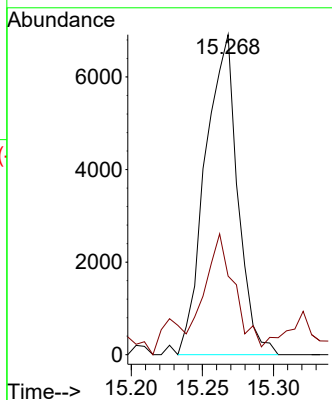
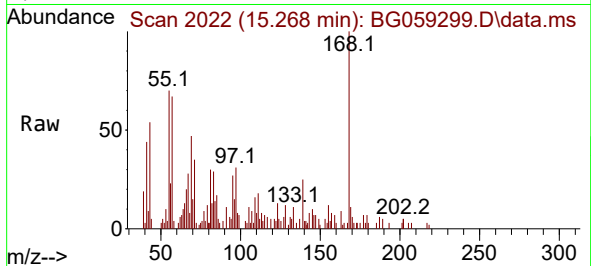




#56
Dibenzofuran
Concen: 1.254 ng/ul
RT: 15.268 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

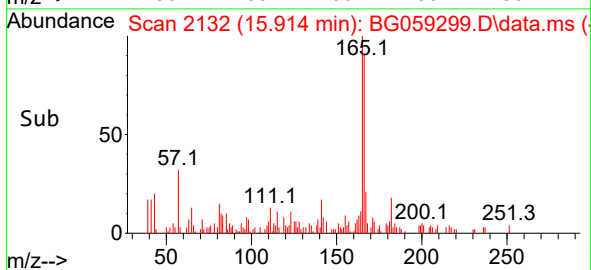
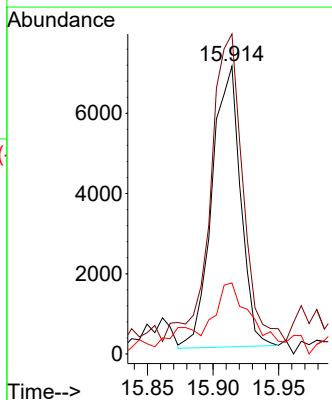
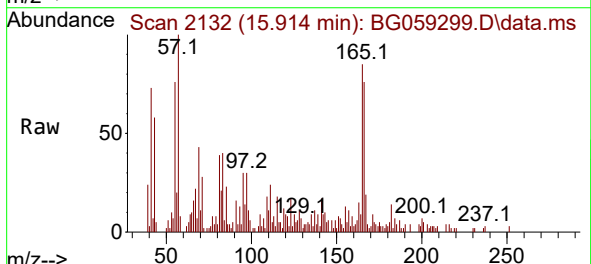
Instrument :
BNA_G
ClientSampleId :
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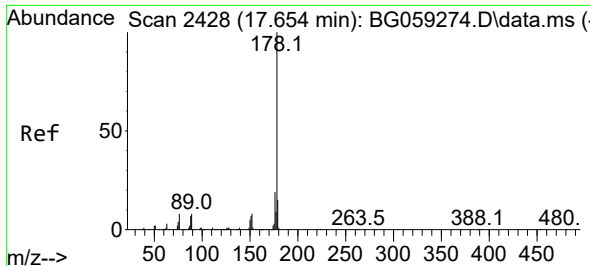
Tgt Ion:168 Resp: 10982
Ion Ratio Lower Upper
168 100
139 24.6 26.6 39.8#



#61
Fluorene
Concen: 1.443 ng/ul
RT: 15.914 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:166 Resp: 10615
Ion Ratio Lower Upper
166 100
165 111.3 78.6 118.0
167 24.7 11.8 17.8#

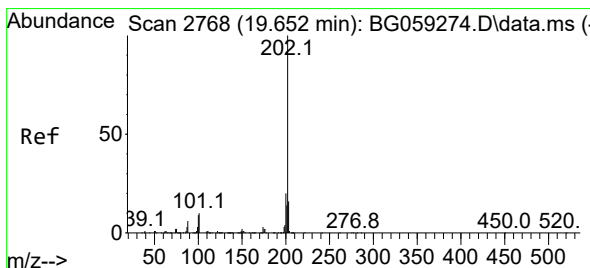
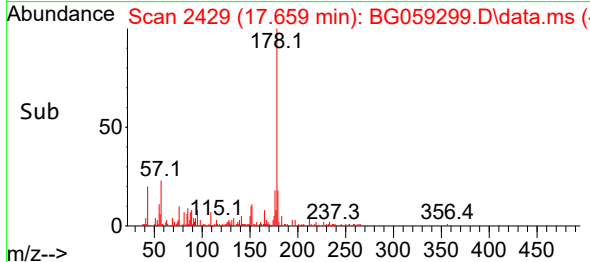
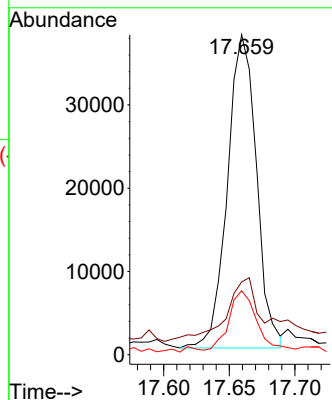
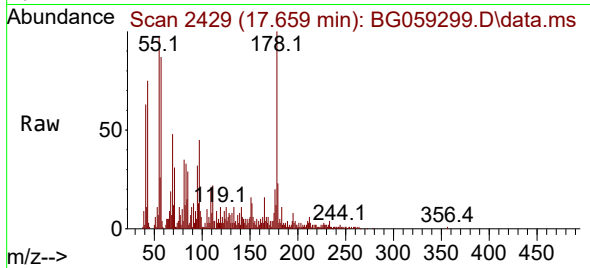




#72
Phenanthrene
Concen: 5.294 ng/ul
RT: 17.659 min Scan# 2428
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

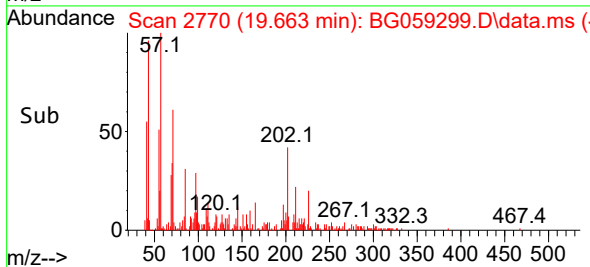
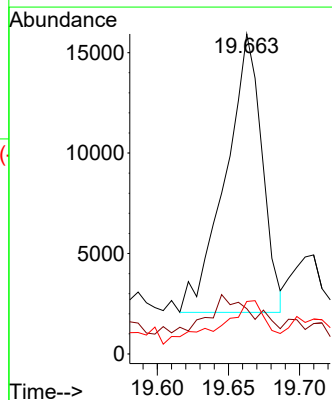
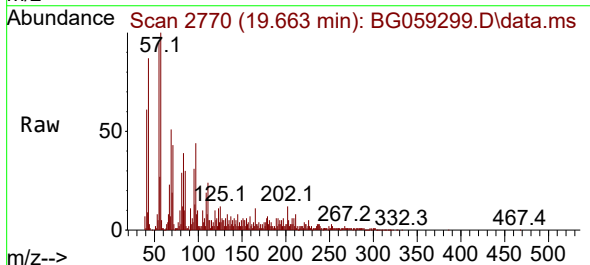
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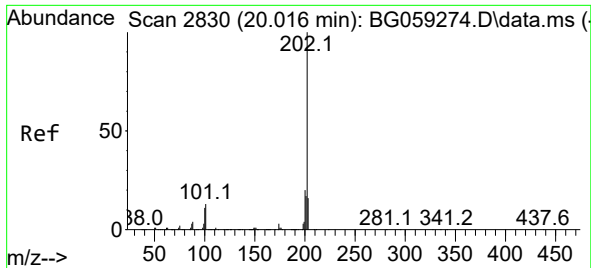
Tgt Ion:178 Resp: 57929
Ion Ratio Lower Upper
178 100
179 22.8 12.3 18.5#
176 20.0 14.6 21.8



#80
Fluoranthene
Concen: 2.317 ng/ul
RT: 19.663 min Scan# 2770
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:202 Resp: 24726
Ion Ratio Lower Upper
202 100
101 14.1 8.2 12.4#
100 16.4 8.2 12.2#





#82
 Pyrene
 Concen: 2.593 ng/ul
 RT: 20.021 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059299.D
 Acq: 5 Oct 2023 16:43

Instrument :
 BNA_G
 ClientSampleId :
 EZYK7

Tgt Ion:202 Resp: 29311
 Ion Ratio Lower Upper
 202 100
 101 24.1 10.2 15.4#
 100 13.6 9.6 14.4

