

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059293.D
 Acq On : 5 Oct 2023 12:38
 Operator : MA/JU
 Sample : 04527-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYG9

Quant Time: Oct 05 22:38:14 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	8.232	152	31645	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	145264	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	86909	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	183295	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	158205	20.000	ng/ul	0.00
88) Perylene-d12	25.406	264	195381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	3563	4.249	ng/uL	0.00
4) Pyridine-d5	3.966	84	26041	10.644	ng/ul	0.00
7) Phenol-d5	7.362	99	85629	27.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	47927	23.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	62818	29.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	58468	23.879	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	30845	30.091	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	31037	30.843	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	58072	28.092	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	47480	14.196	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	194074	30.886	ng/ul	0.00
49) Acenaphthylene-d8	14.565	160	247969	31.441	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	13225	12.053	ng/ul	0.00
60) Fluorene-d10	15.852	176	184074	30.779	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	6820	7.239	ng/ul	0.00
73) Anthracene-d10	17.715	188	271934	32.560	ng/ul	0.00
81) Pyrene-d10	19.988	212	310417	35.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.165	264	308203	32.826	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.391	94	5356	1.700	ng/ul#	86
16) Acetophenone	9.078	105	33607	8.862	ng/ul	96
30) Naphthalene	11.122	128	16003	2.055	ng/ul#	93
36) 2-Methylnaphthalene	12.709	142	9381	1.839	ng/ul	87
52) Acenaphthene	14.930	153	21203	3.669	ng/ul	91
56) Dibenzofuran	15.259	168	18088	2.361	ng/ul	97
61) Fluorene	15.911	166	7840	1.219	ng/ul#	95
67) N-Nitrosodiphenylamine	16.087	169	4915	1.006	ng/ul#	47
72) Phenanthrene	17.656	178	386762	38.449	ng/ul	98
74) Anthracene	17.656	178	386762	37.236	ng/ul	97
77) Carbazole	18.026	167	11161	1.318	ng/ul#	96
80) Fluoranthene	19.654	202	873734	80.055	ng/ul	99
82) Pyrene	20.018	202	736358	63.696	ng/ul	99
85) Benzo(a)anthracene	21.898	228	477927	42.914	ng/ul	100
87) Chrysene	21.969	228	484734	46.085	ng/ul	99
90) Benzo(b)fluoranthene	24.283	252	845145	70.624	ng/ul	98
91) Benzo(k)fluoranthene	24.348	252	285267	23.527	ng/ul	97
93) Benzo(a)pyrene	25.241	252	611625	53.877	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.442	276	346156	26.937	ng/ul	98
95) Dibenzo(a,h)anthracene	29.483	278	22535	2.156	ng/ul#	86
96) Benzo(g,h,i)perylene	30.711	276	229265	21.942	ng/ul	94

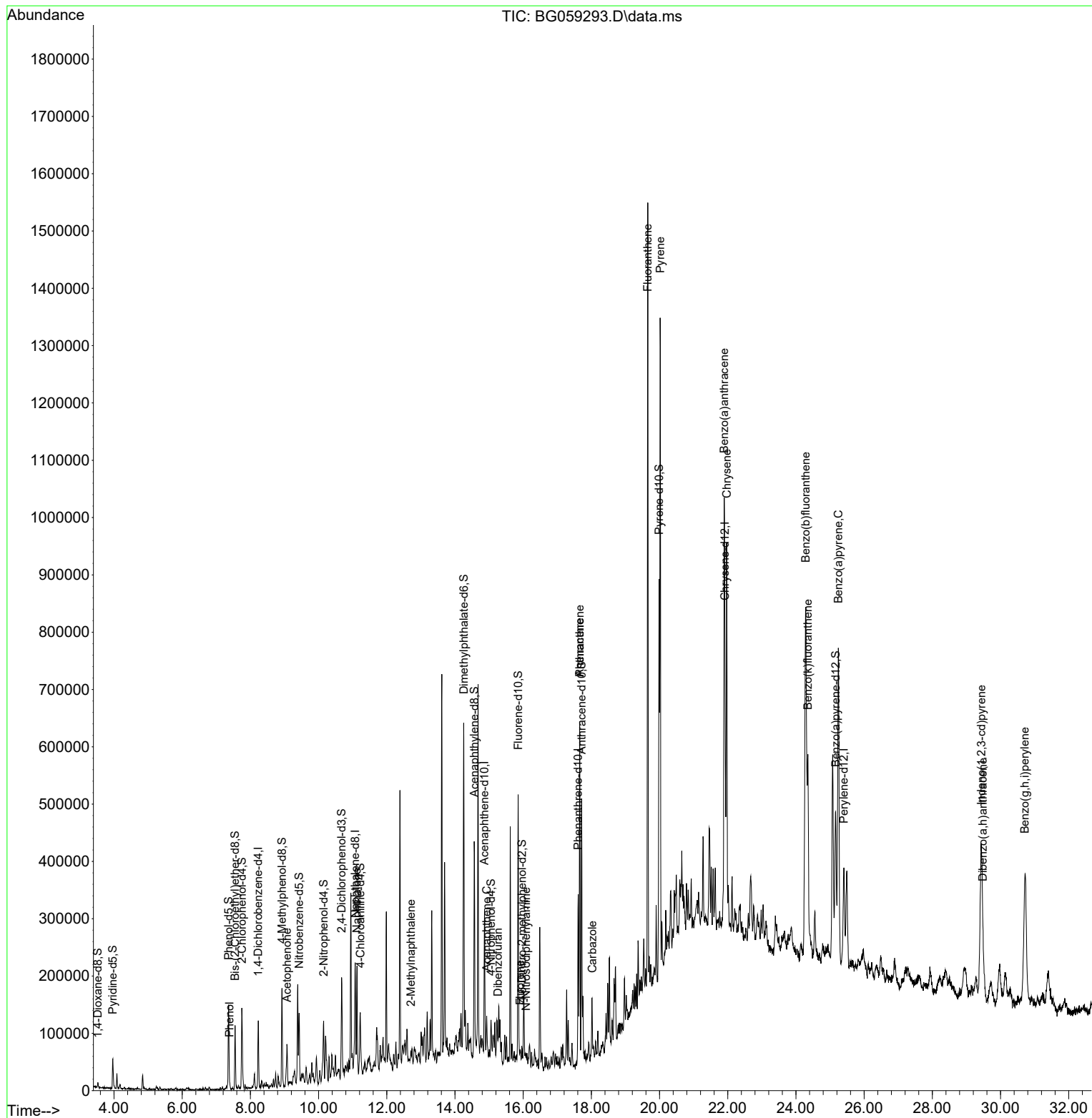
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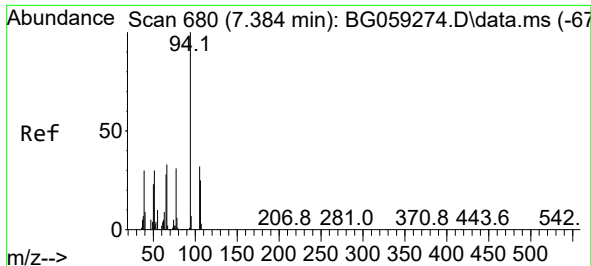
Instrument :
BNA_G
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration





#8

Phenol

Concen: 1.700 ng/ul

RT: 7.391 min Scan# 61

Delta R.T. 0.006 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

Instrument :

BNA_G

ClientSampleId :

EZYG9

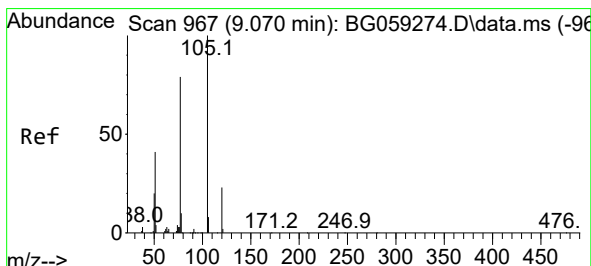
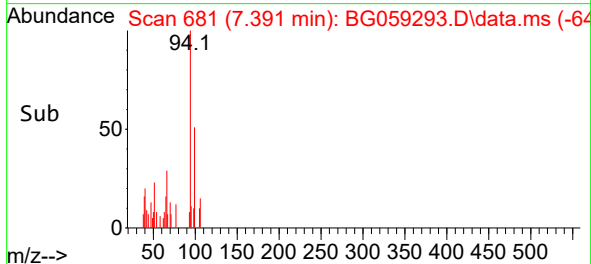
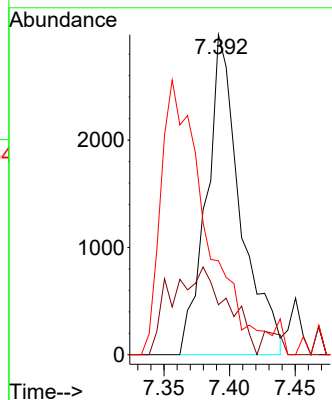
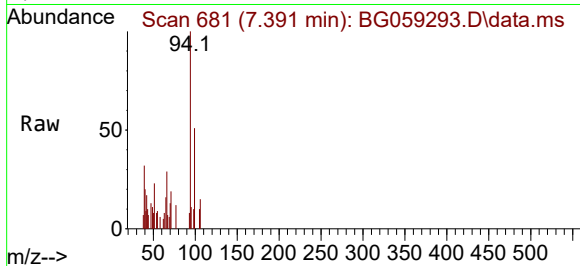
Tgt Ion: 94 Resp: 5356

Ion Ratio Lower Upper

94 100

65 15.6 23.6 35.4#

66 29.4 24.6 37.0



#16

Acetophenone

Concen: 8.862 ng/ul

RT: 9.078 min Scan# 968

Delta R.T. 0.001 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

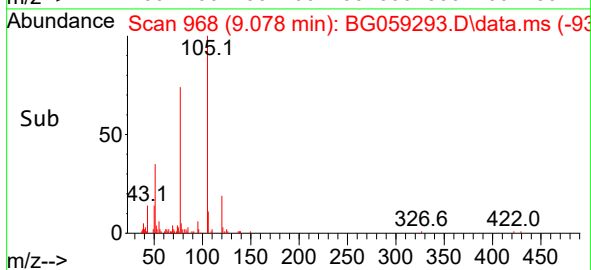
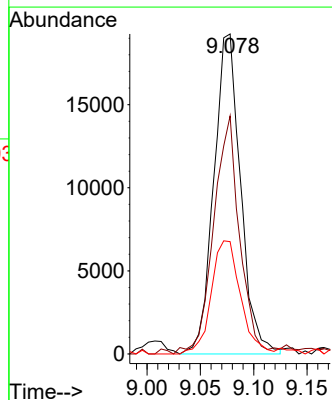
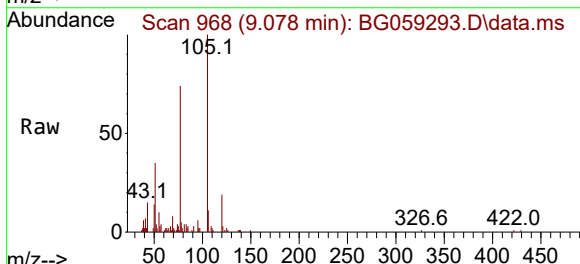
Tgt Ion: 105 Resp: 33607

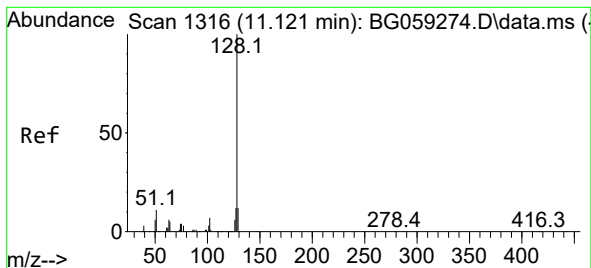
Ion Ratio Lower Upper

105 100

77 74.4 58.8 88.2

51 35.1 32.6 48.8





#30

Naphthalene

Concen: 2.055 ng/ul

RT: 11.122 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

Instrument :

BNA_G

ClientSampleId :

EZYG9

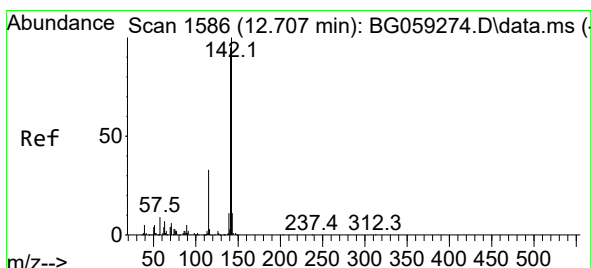
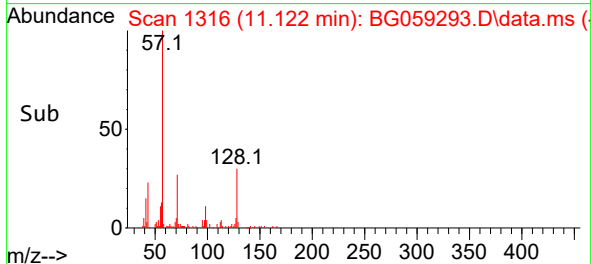
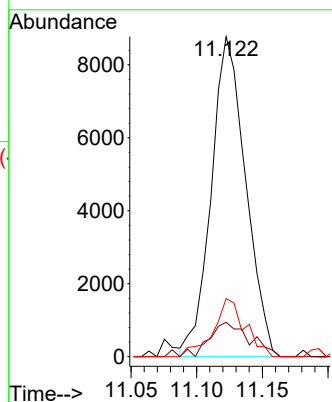
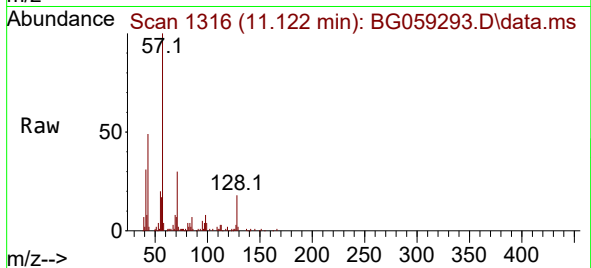
Tgt Ion:128 Resp: 16003

Ion Ratio Lower Upper

128 100

129 10.7 8.0 12.0

127 18.1 11.1 16.7#



#36

2-Methylnaphthalene

Concen: 1.839 ng/ul

RT: 12.709 min Scan# 1586

Delta R.T. -0.005 min

Lab File: BG059293.D

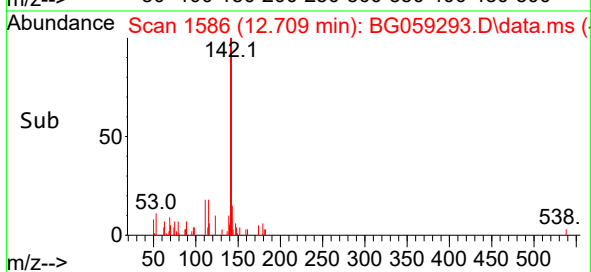
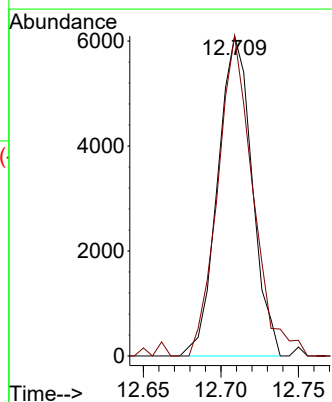
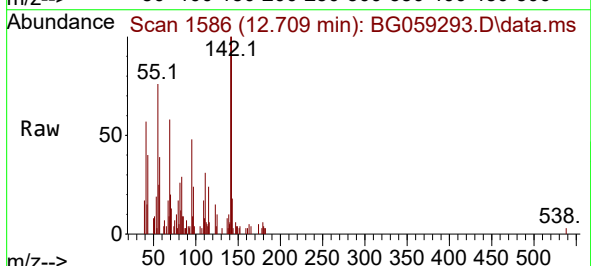
Acq: 5 Oct 2023 12:38

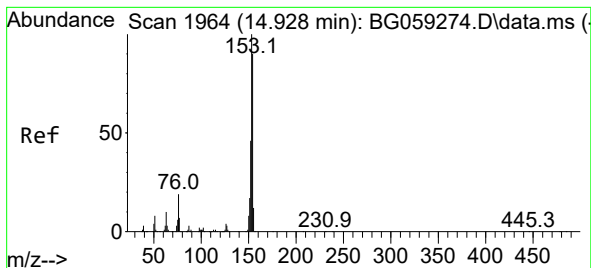
Tgt Ion:142 Resp: 9381

Ion Ratio Lower Upper

142 100

141 100.0 70.2 105.2





#52

Acenaphthene

Concen: 3.669 ng/ul

RT: 14.930 min Scan# 1964

Delta R.T. -0.005 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

Instrument :

BNA_G

ClientSampleId :

EZYG9

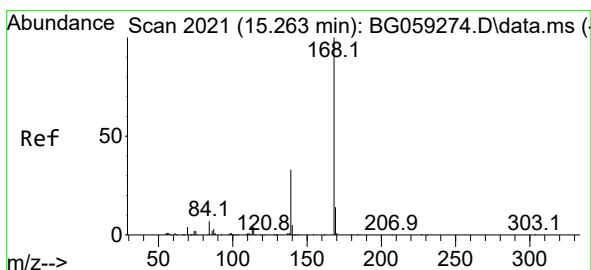
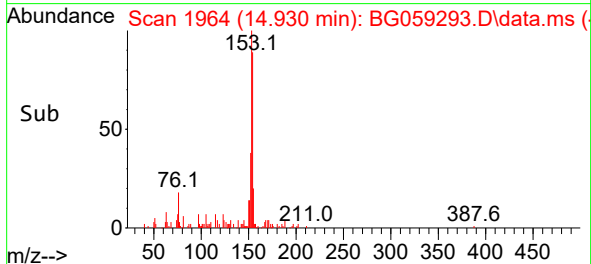
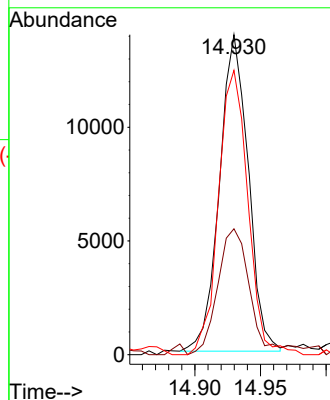
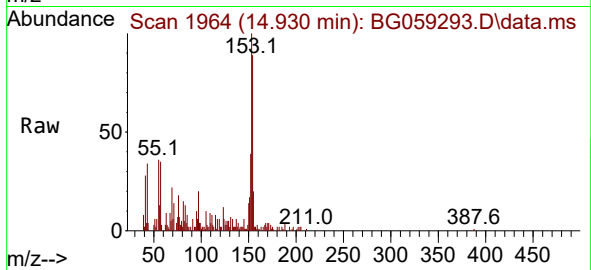
Tgt Ion:153 Resp: 21203

Ion Ratio Lower Upper

153 100

152 39.3 38.5 57.7

154 88.8 76.3 114.5



#56

Dibenzofuran

Concen: 2.361 ng/ul

RT: 15.259 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BG059293.D

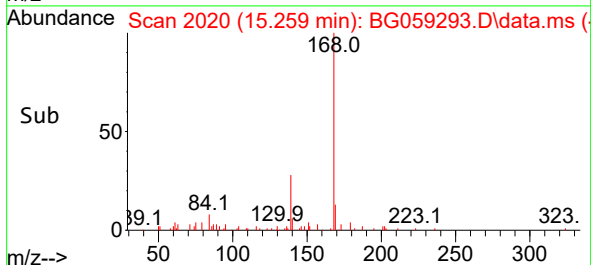
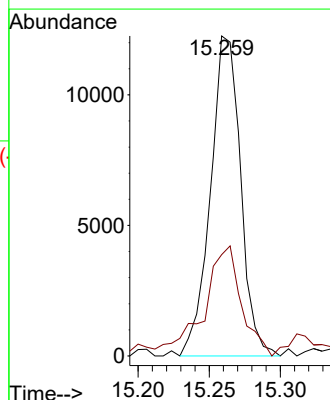
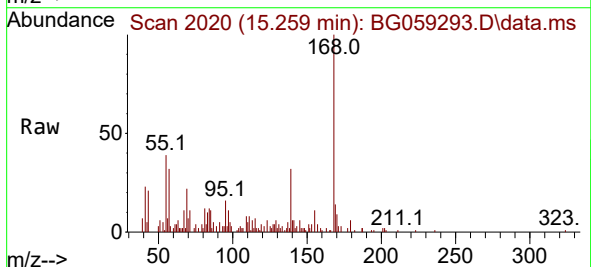
Acq: 5 Oct 2023 12:38

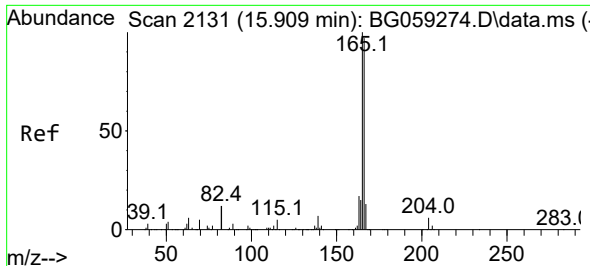
Tgt Ion:168 Resp: 18088

Ion Ratio Lower Upper

168 100

139 31.7 26.6 39.8

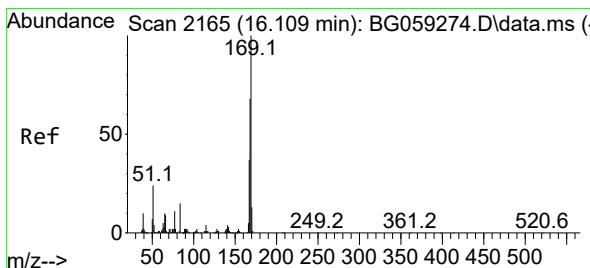
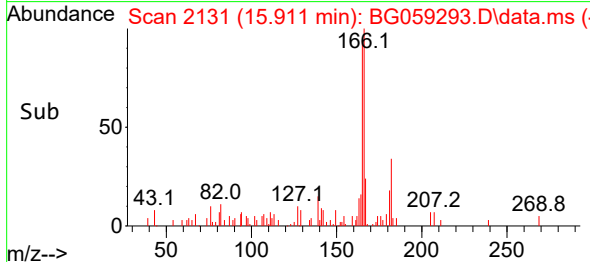
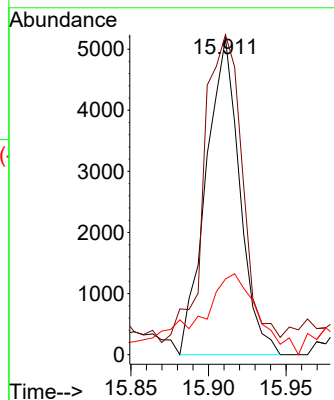
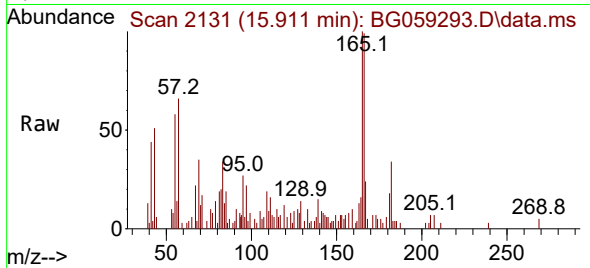




#61
Fluorene
Concen: 1.219 ng/ul
RT: 15.911 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

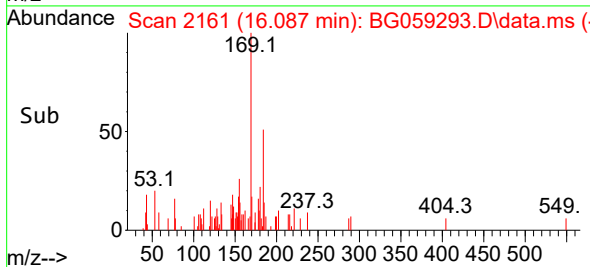
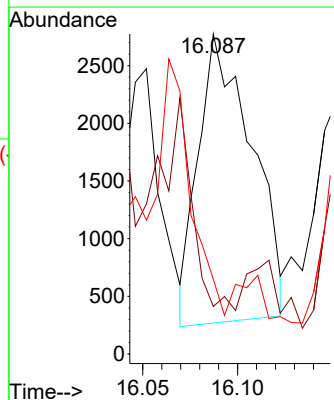
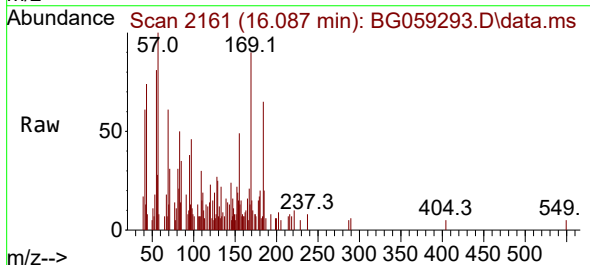
Instrument :
BNA_G
ClientSampleId :
EZYG9

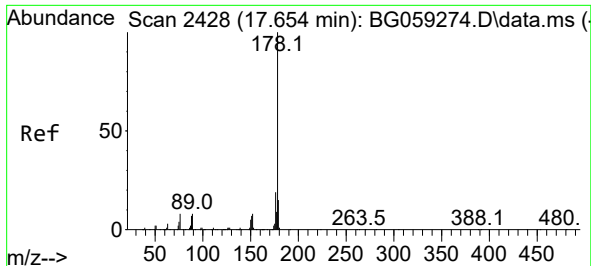
Tgt Ion:166 Resp: 7840
Ion Ratio Lower Upper
166 100
165 101.1 78.6 118.0
167 23.9 11.8 17.8#



#67
N-Nitrosodiphenylamine
Concen: 1.006 ng/ul
RT: 16.087 min Scan# 2161
Delta R.T. -0.029 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

Tgt Ion:169 Resp: 4915
Ion Ratio Lower Upper
169 100
168 14.8 57.0 85.6#
167 23.4 29.8 44.6#

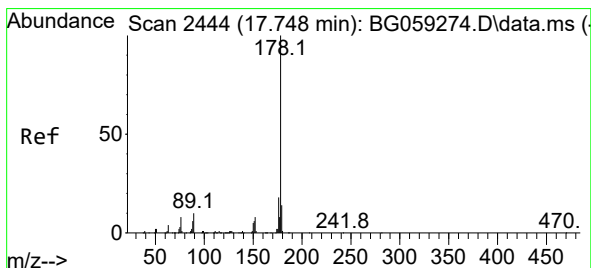
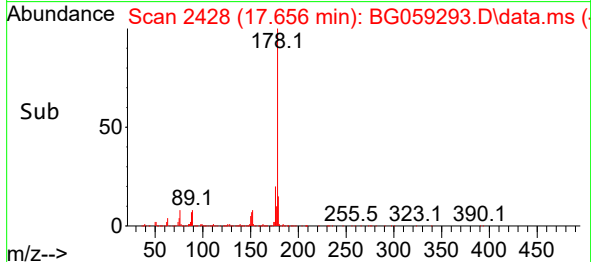
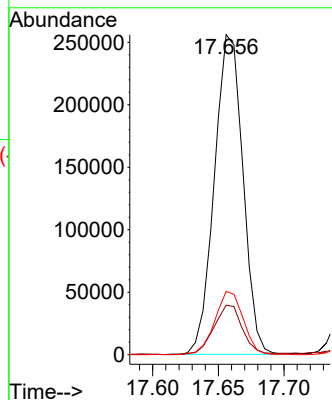
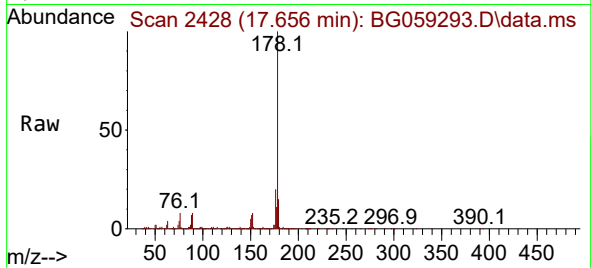




#72
Phenanthrene
Concen: 38.449 ng/ul
RT: 17.656 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

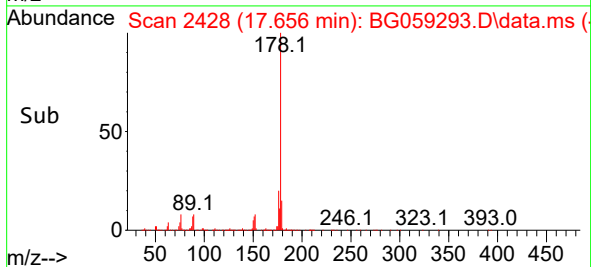
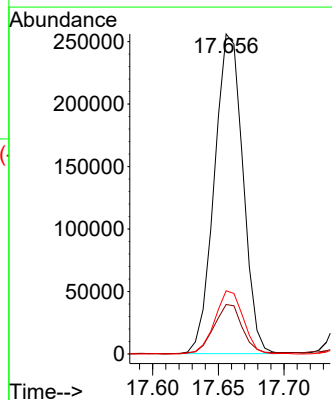
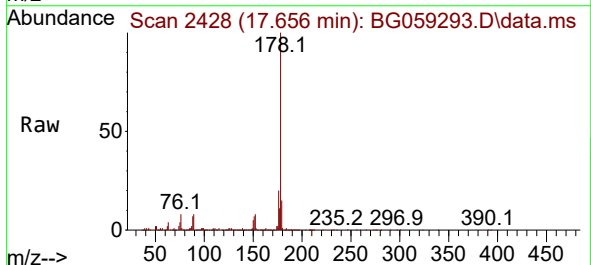
Instrument :
BNA_G
ClientSampleId :
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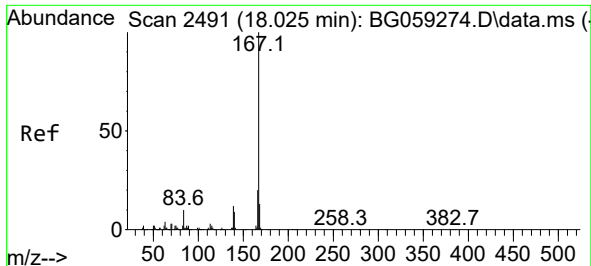
Tgt Ion:178 Resp: 386762
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.8 14.6 21.8



#74
Anthracene
Concen: 37.236 ng/ul
RT: 17.656 min Scan# 2428
Delta R.T. -0.099 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

Tgt Ion:178 Resp: 386762
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.8 14.5 21.7

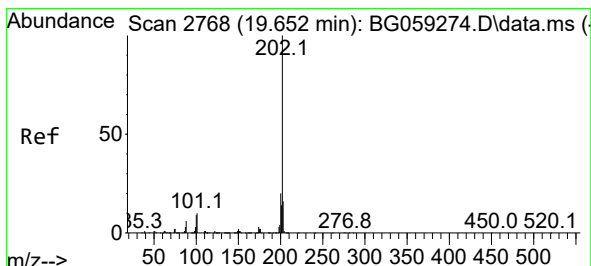
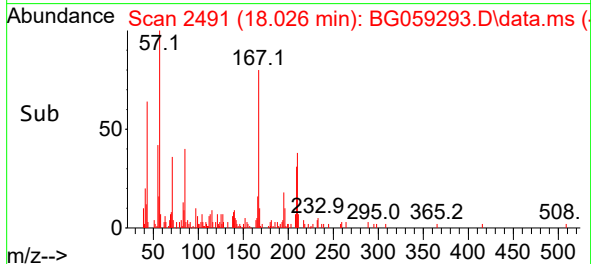
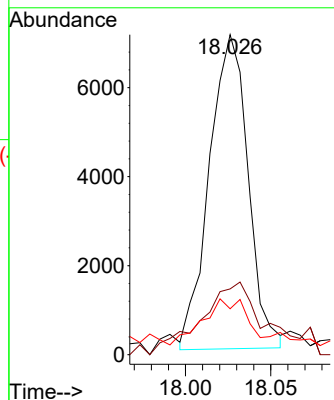
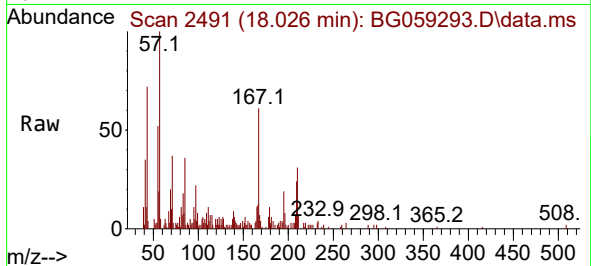




#77
 Carbazole
 Concen: 1.318 ng/ul
 RT: 18.026 min Scan# 2491
 Delta R.T. -0.005 min
 Lab File: BG059293.D
 Acq: 5 Oct 2023 12:38

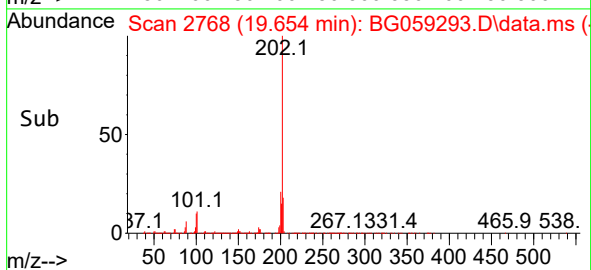
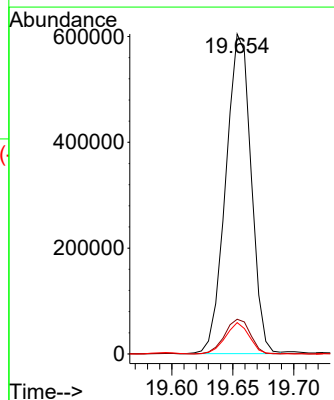
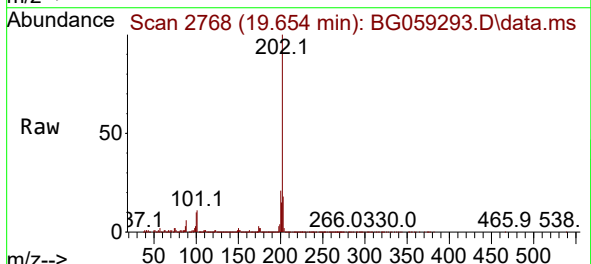
Instrument :
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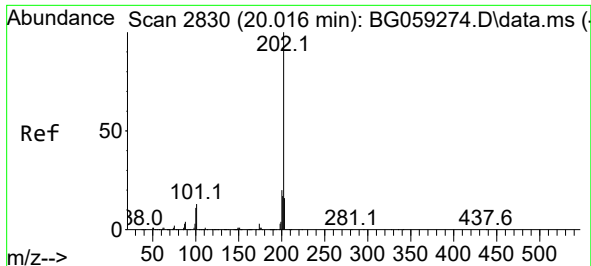
Tgt Ion:167 Resp: 11161
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.4 26.0
 139 14.4 9.0 13.4#



#80
 Fluoranthene
 Concen: 80.055 ng/ul
 RT: 19.654 min Scan# 2768
 Delta R.T. -0.005 min
 Lab File: BG059293.D
 Acq: 5 Oct 2023 12:38

Tgt Ion:202 Resp: 873734
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.2 12.4
 100 9.8 8.2 12.2

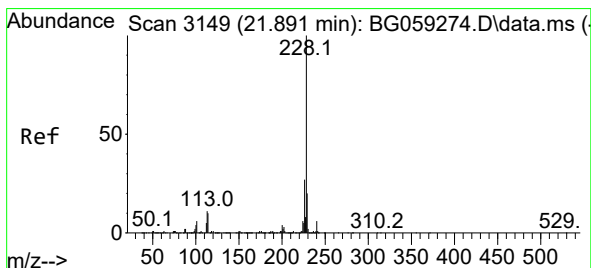
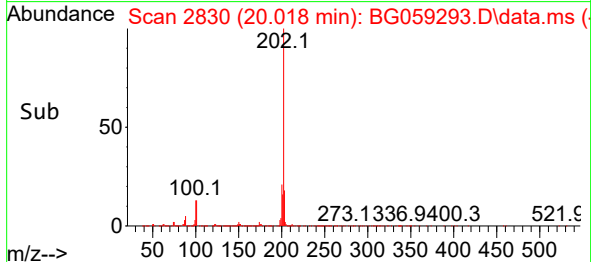
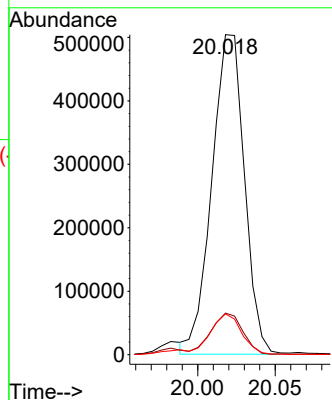
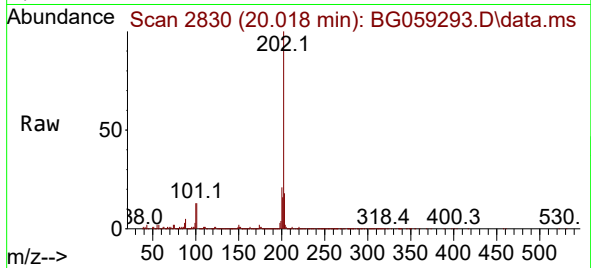




#82
Pyrene
Concen: 63.696 ng/ul
RT: 20.018 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

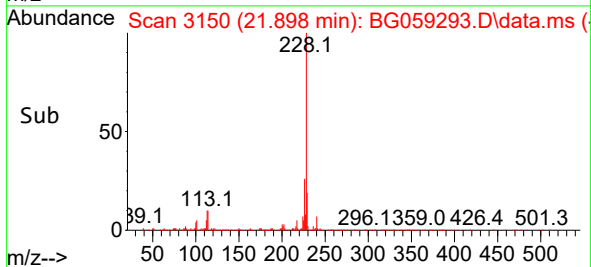
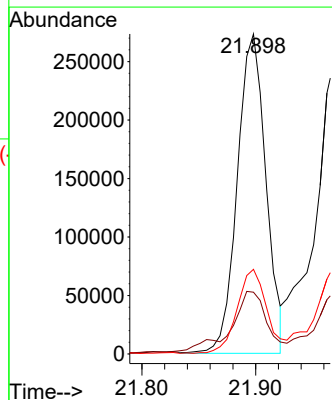
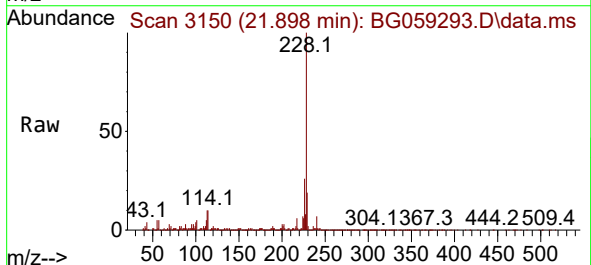
Instrument :
BNA_G
ClientSampleId :
EZYG9

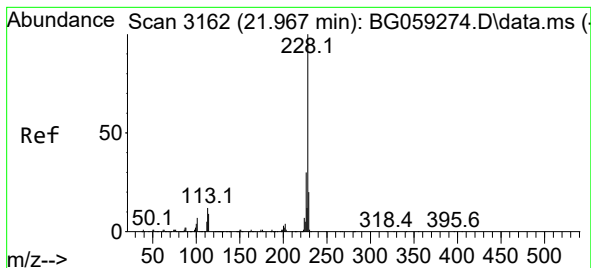
Tgt Ion:202 Resp: 736358
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.4
100 12.7 9.6 14.4



#85
Benzo(a)anthracene
Concen: 42.914 ng/ul
RT: 21.898 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

Tgt Ion:228 Resp: 477927
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 26.5 21.4 32.2





#87

Chrysene

Concen: 46.085 ng/ul

RT: 21.969 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

Instrument :

BNA_G

ClientSampleId :

EZYG9

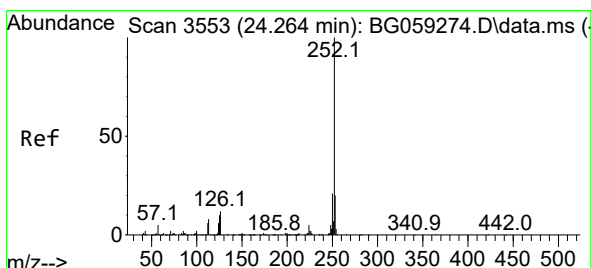
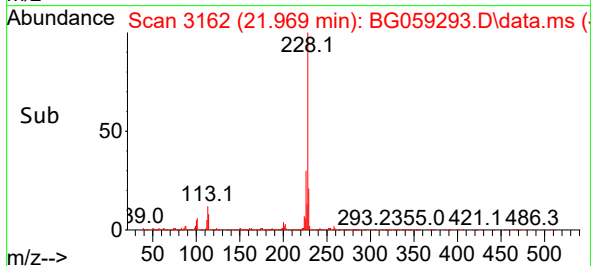
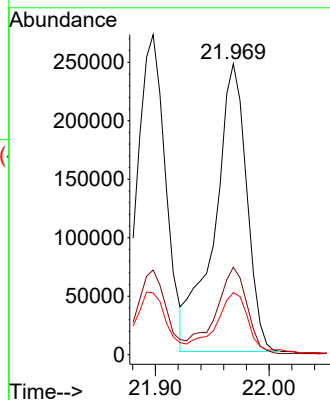
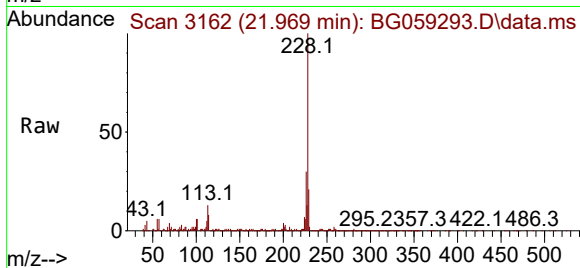
Tgt Ion:228 Resp: 484734

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 21.3 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 70.624 ng/ul

RT: 24.283 min Scan# 3556

Delta R.T. 0.001 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

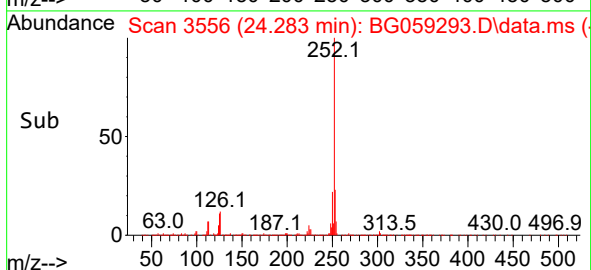
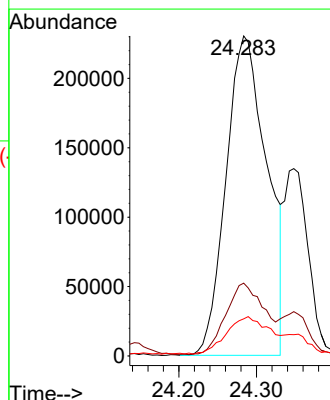
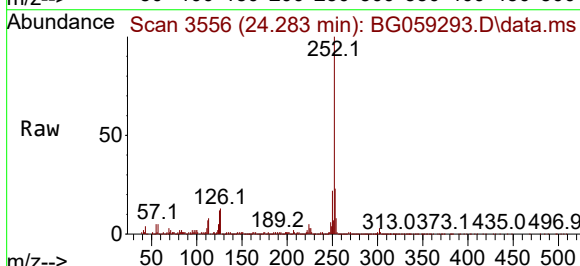
Tgt Ion:252 Resp: 845145

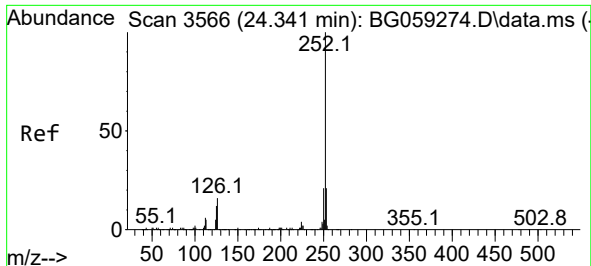
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 11.6 8.1 12.1

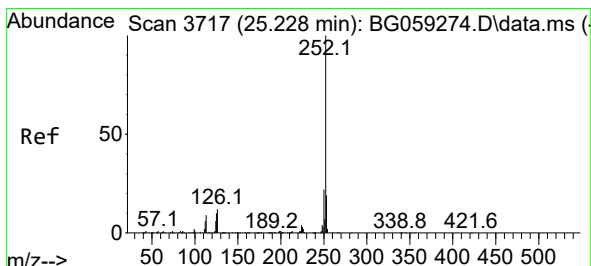
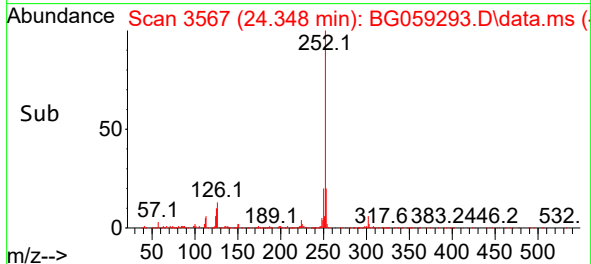
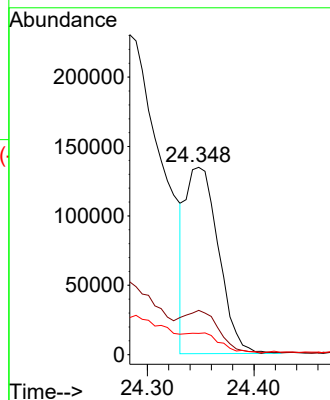
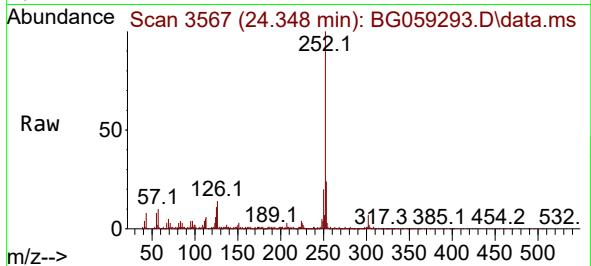




#91
Benzo(k)fluoranthene
Concen: 23.527 ng/ul
RT: 24.348 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

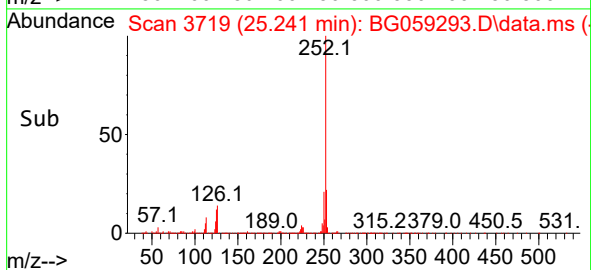
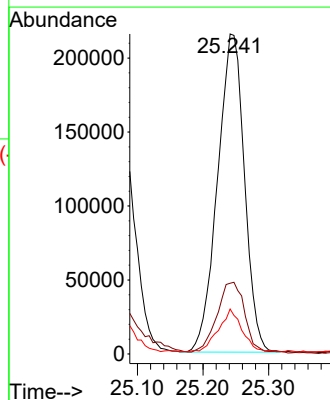
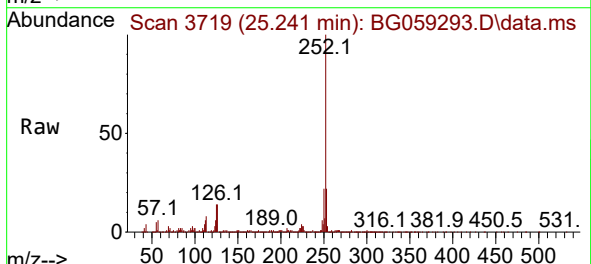
Instrument :
BNA_G
ClientSampleId :
EZYG9

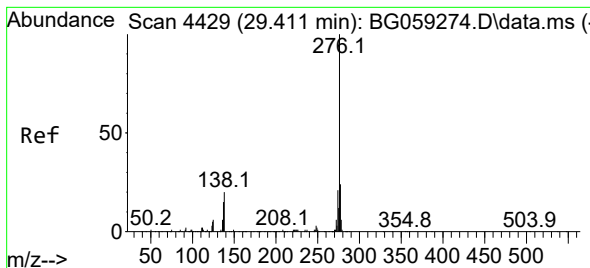
Tgt Ion:252 Resp: 285267
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 11.4 8.1 12.1



#93
Benzo(a)pyrene
Concen: 53.877 ng/ul
RT: 25.241 min Scan# 3719
Delta R.T. 0.001 min
Lab File: BG059293.D
Acq: 5 Oct 2023 12:38

Tgt Ion:252 Resp: 611625
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 14.1 9.4 14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 26.937 ng/ul

RT: 29.442 min Scan# 44

Delta R.T. 0.006 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

Instrument :

BNA_G

ClientSampleId :

EZYG9

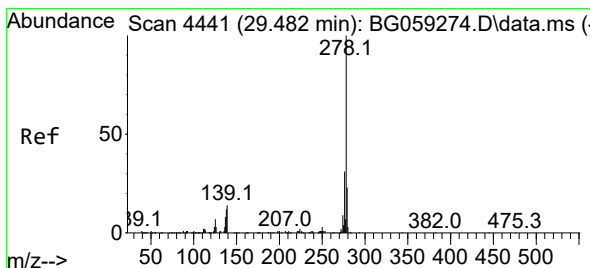
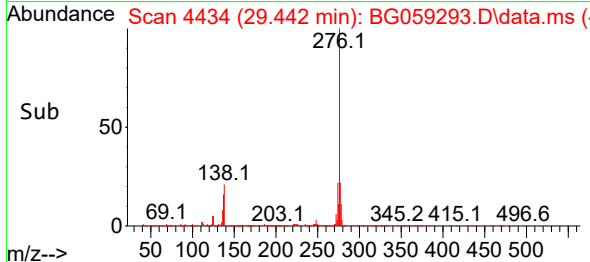
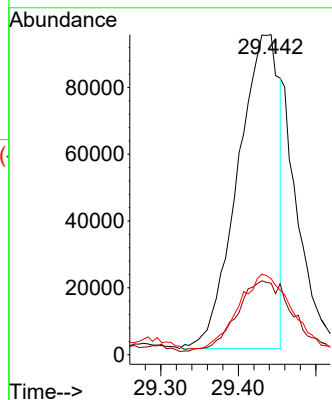
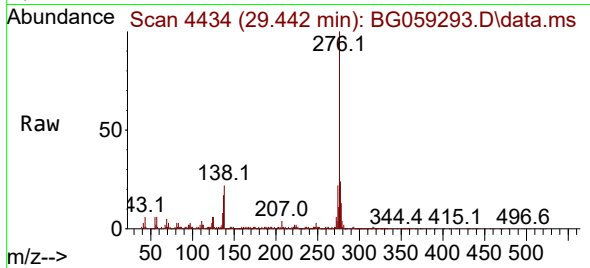
Tgt Ion:276 Resp: 346156

Ion Ratio Lower Upper

276 100

138 22.4 17.0 25.6

277 23.7 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 2.156 ng/ul

RT: 29.483 min Scan# 4441

Delta R.T. -0.029 min

Lab File: BG059293.D

Acq: 5 Oct 2023 12:38

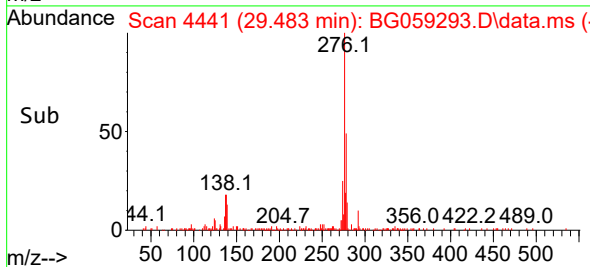
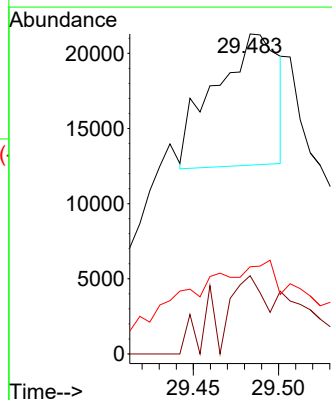
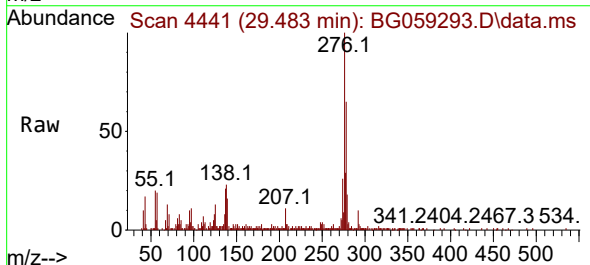
Tgt Ion:278 Resp: 22535

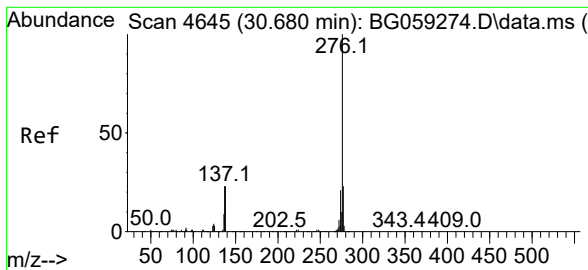
Ion Ratio Lower Upper

278 100

139 24.5 12.1 18.1#

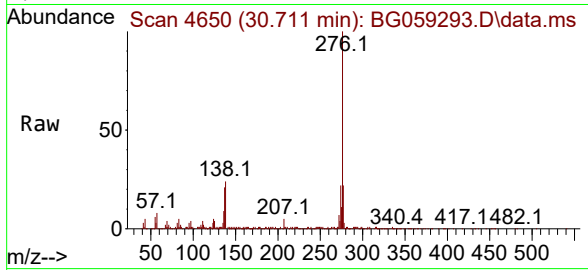
279 27.3 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 21.942 ng/ul
 RT: 30.711 min Scan# 4
 Delta R.T. 0.001 min
 Lab File: BG059293.D
 Acq: 5 Oct 2023 12:38

Instrument :
 BNA_G
 ClientSampleId :
 EZYG9



Tgt Ion:276 Resp: 229265
 Ion Ratio Lower Upper
 276 100
 138 23.7 16.6 25.0
 277 22.0 20.0 30.0

