

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Quant Time: Oct 05 22:38:29 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

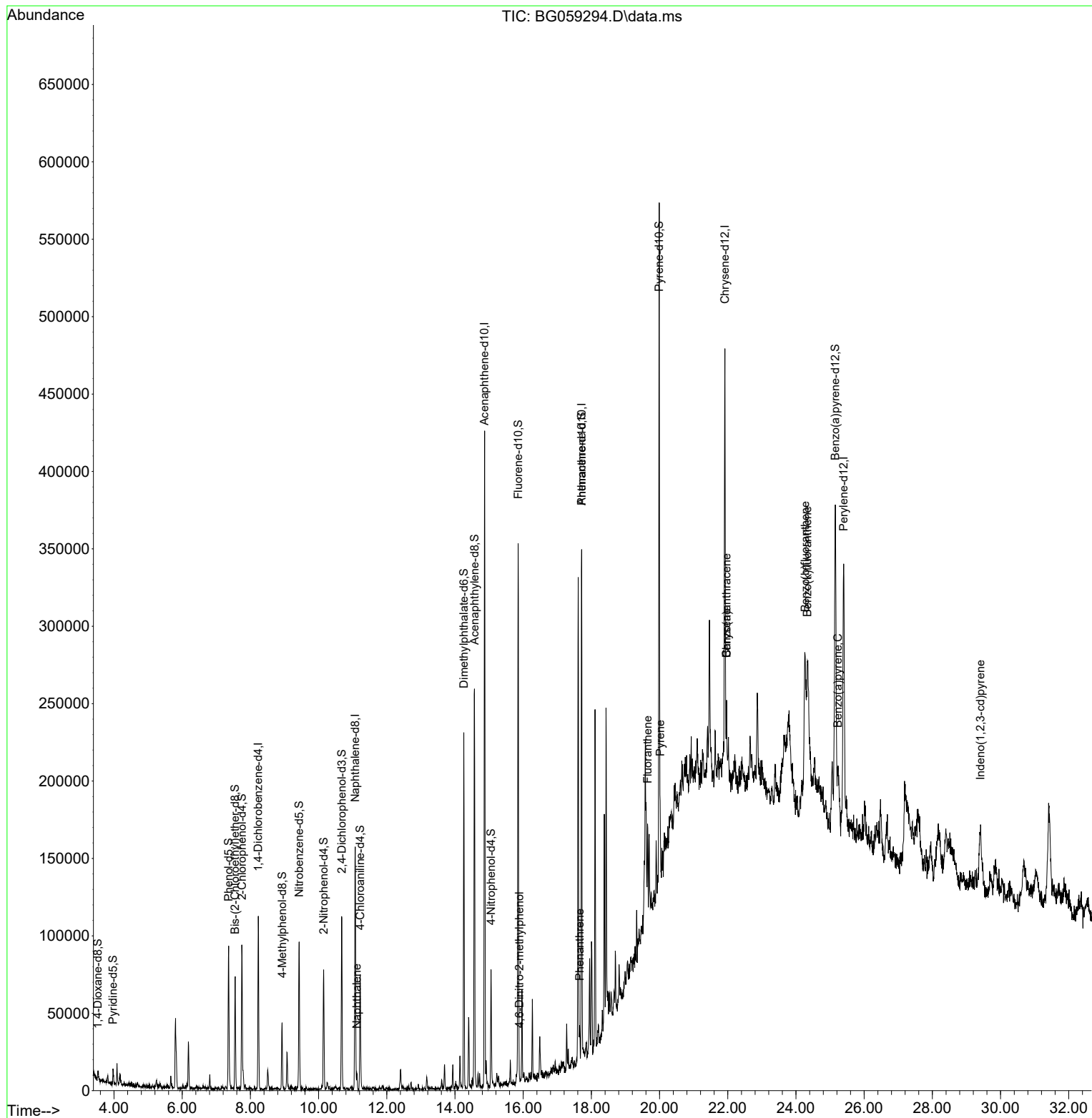
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	29665	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	140696	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.864	164	89664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.714	188	199944	20.000	ng/ul	0.09
79) Chrysene-d12	21.915	240	158115	20.000	ng/ul	0.00
88) Perylene-d12	25.393	264	187663	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	1812	2.305	ng/uL	0.00
4) Pyridine-d5	3.971	84	4600	2.006	ng/ul	0.00
7) Phenol-d5	7.361	99	55719	18.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	34825	18.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	43339	21.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	16543	7.207	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	23711	23.882	ng/ul	0.00
24) 2-Nitrophenol-d4	10.152	143	26732	27.427	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	42189	21.071	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	43467	13.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	150829	23.266	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	185669	22.818	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	19362	17.103	ng/ul	0.00
60) Fluorene-d10	15.851	176	147744	23.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.016	200	91	0.089	ng/ul	0.05
73) Anthracene-d10	17.714	188	199944	21.947	ng/ul	0.00
81) Pyrene-d10	19.988	212	230815	26.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	221395	24.550	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.121	128	8785	1.165	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.886	198	1086	1.002	ng/ul#	52
72) Phenanthrene	17.655	178	13824	1.260	ng/ul	98
80) Fluoranthene	19.653	202	34011	3.118	ng/ul#	93
82) Pyrene	20.017	202	28346	2.453	ng/ul#	93
85) Benzo(a)anthracene	21.962	228	35796	3.216	ng/ul	91
87) Chrysene	21.962	228	35796	3.405	ng/ul#	89
90) Benzo(b)fluoranthene	24.271	252	66637	5.798	ng/ul#	91
91) Benzo(k)fluoranthene	24.335	252	17921	1.539	ng/ul#	73
93) Benzo(a)pyrene	25.228	252	31995	2.934	ng/ul#	78
94) Indeno(1,2,3-cd)pyrene	29.412	276	25918	2.100	ng/ul	94

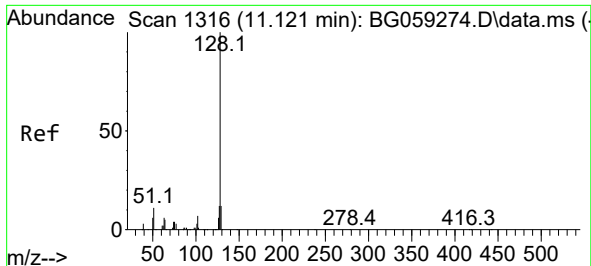
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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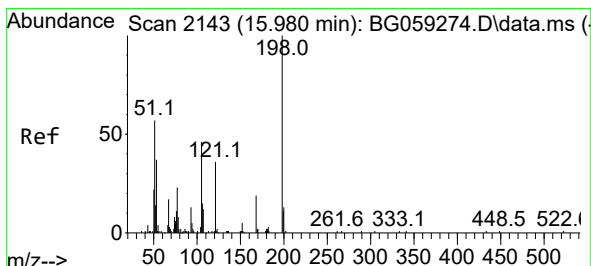
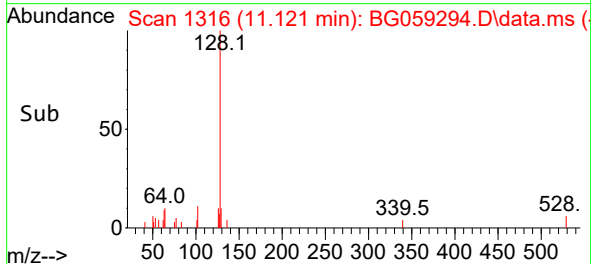
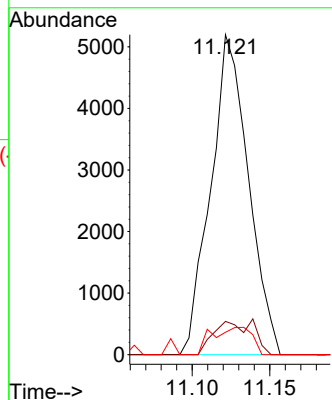
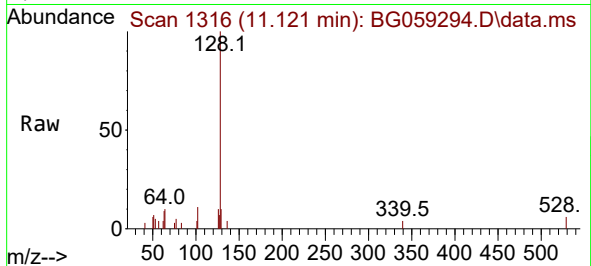




#30
Naphthalene
Concen: 1.165 ng/ul
RT: 11.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

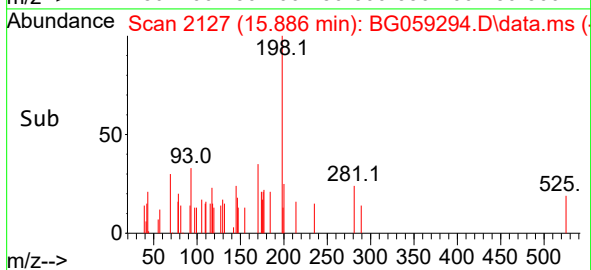
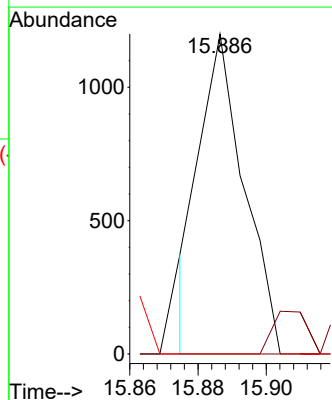
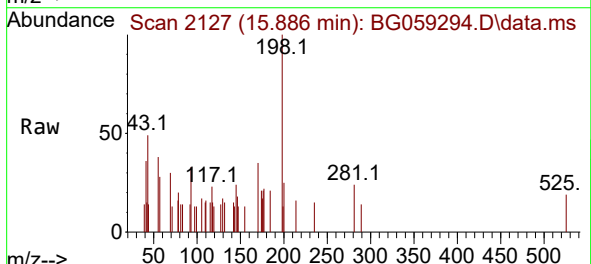
Instrument :
BNA_G
ClientSampleId :
EZY7

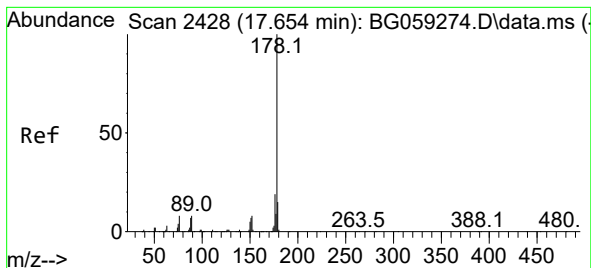
Tgt Ion:128 Resp: 8785
Ion Ratio Lower Upper
128 100
129 10.4 8.0 12.0
127 7.0 11.1 16.7#



#66
4,6-Dinitro-2-methylphenol
Concen: 1.002 ng/ul
RT: 15.886 min Scan# 2127
Delta R.T. -0.094 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

Tgt Ion:198 Resp: 1086
Ion Ratio Lower Upper
198 100
182 0.0 4.4 6.6#
77 0.0 23.2 34.8#





#72

Phenanthrene

Concen: 1.260 ng/ul

RT: 17.655 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

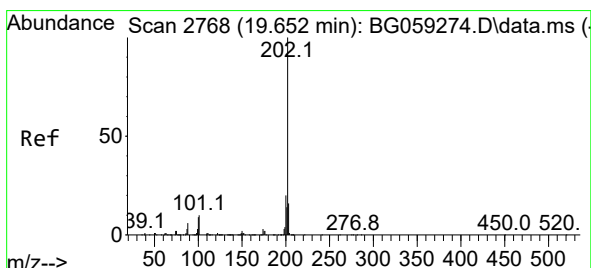
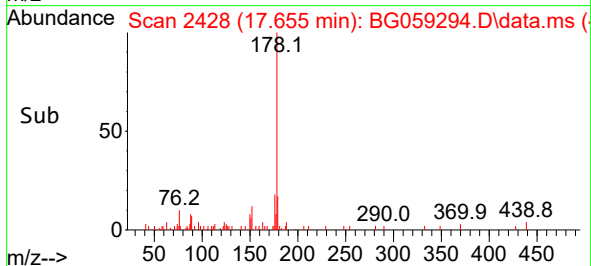
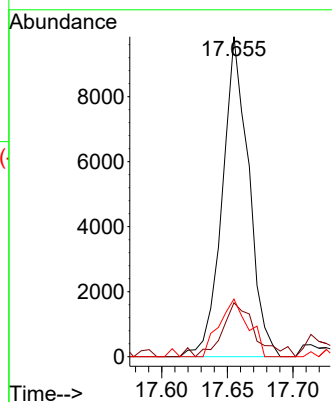
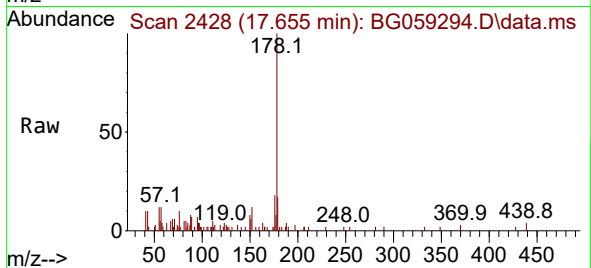
Tgt Ion:178 Resp: 13824

Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

176 18.0 14.6 21.8



#80

Fluoranthene

Concen: 3.118 ng/ul

RT: 19.653 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

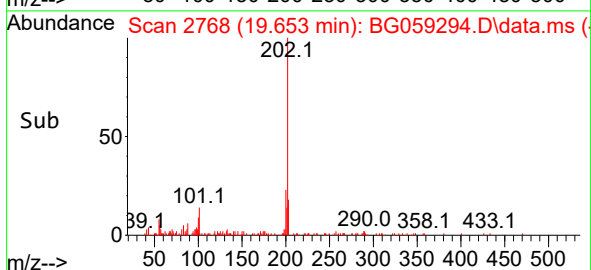
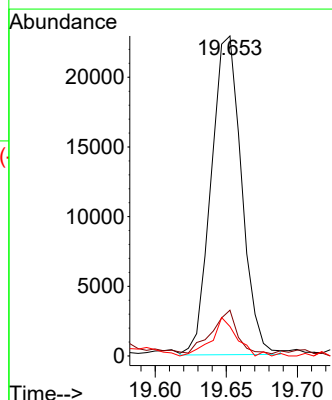
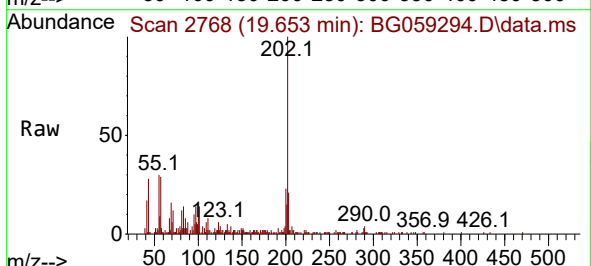
Tgt Ion:202 Resp: 34011

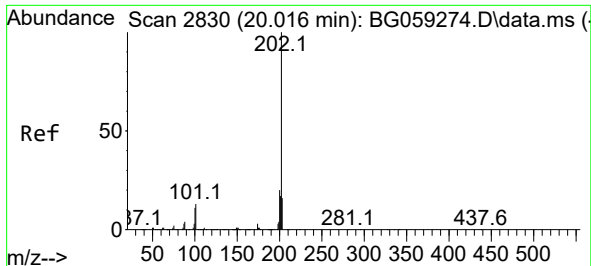
Ion Ratio Lower Upper

202 100

101 14.3 8.2 12.4#

100 9.2 8.2 12.2

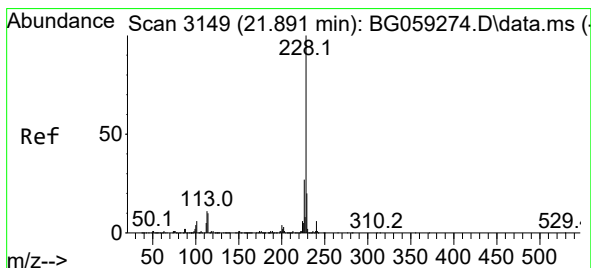
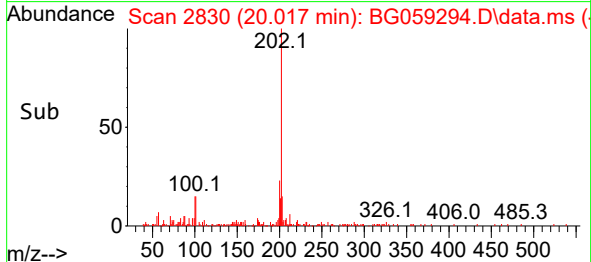
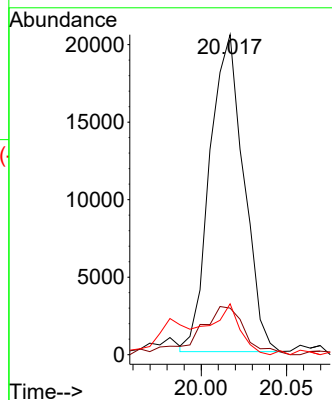
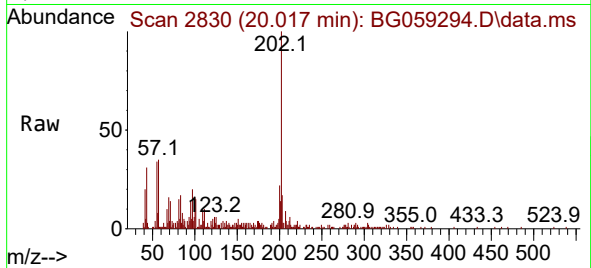




#82
 Pyrene
 Concen: 2.453 ng/ul
 RT: 20.017 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG059294.D
 Acq: 5 Oct 2023 13:19

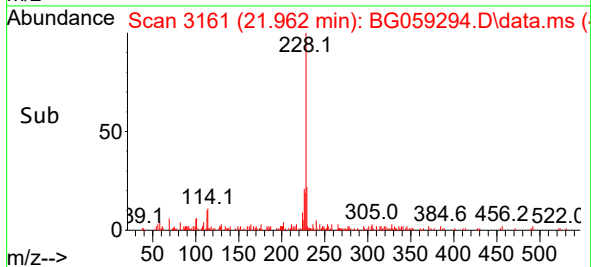
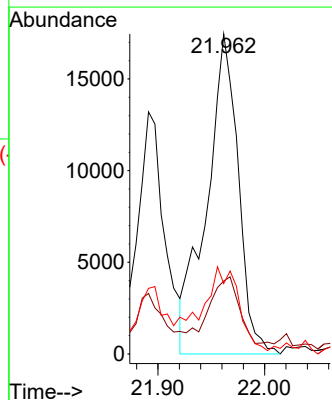
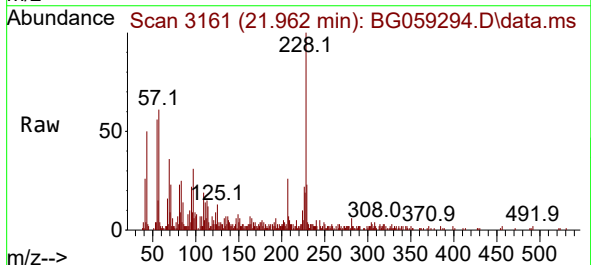
Instrument :
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 ClientSampleId :
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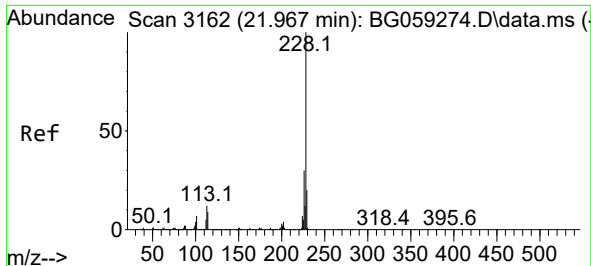
Tgt Ion:202 Resp: 28346
 Ion Ratio Lower Upper
 202 100
 101 14.6 10.2 15.4
 100 15.9 9.6 14.4#



#85
 Benzo(a)anthracene
 Concen: 3.216 ng/ul
 RT: 21.962 min Scan# 3161
 Delta R.T. 0.058 min
 Lab File: BG059294.D
 Acq: 5 Oct 2023 13:19

Tgt Ion:228 Resp: 35796
 Ion Ratio Lower Upper
 228 100
 229 22.8 15.5 23.3
 226 22.0 21.4 32.2





#87

Chrysene

Concen: 3.405 ng/ul

RT: 21.962 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

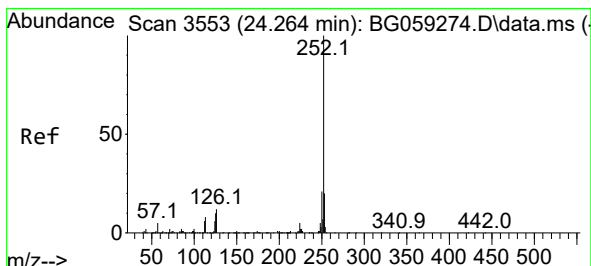
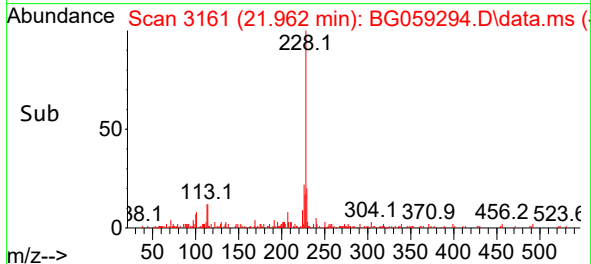
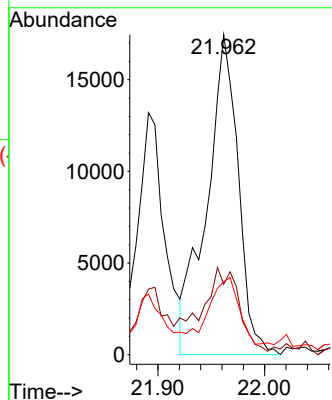
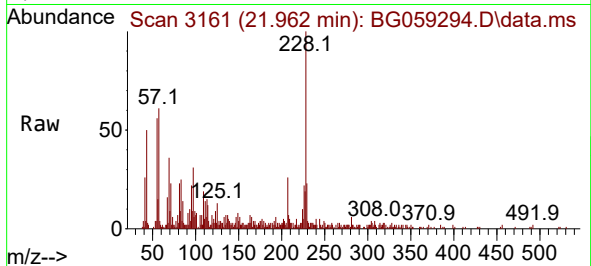
Tgt Ion:228 Resp: 35796

Ion Ratio Lower Upper

228 100

226 22.0 24.2 36.4#

229 22.8 16.2 24.2



#90

Benzo(b)fluoranthene

Concen: 5.798 ng/ul

RT: 24.271 min Scan# 3554

Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

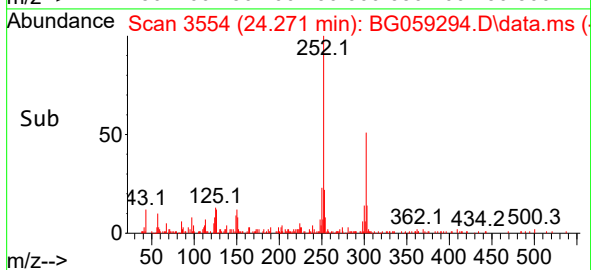
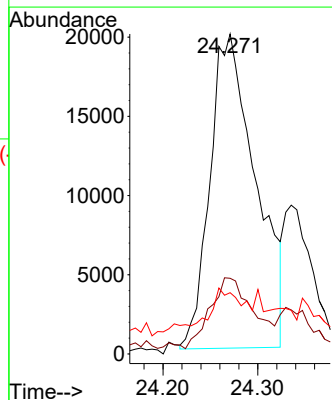
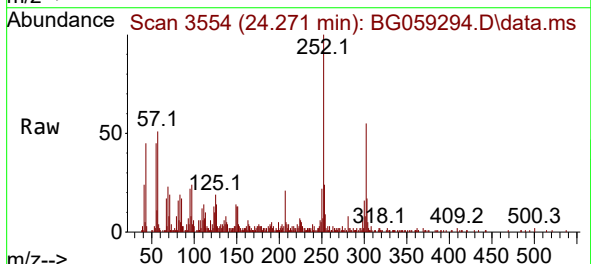
Tgt Ion:252 Resp: 66637

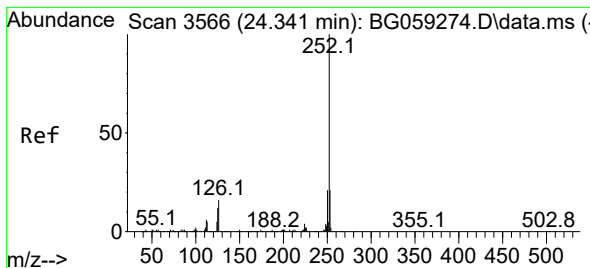
Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

125 19.1 8.1 12.1#





#91

Benzo(k)fluoranthene

Concen: 1.539 ng/ul

RT: 24.335 min Scan# 3566

Delta R.T. -0.024 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

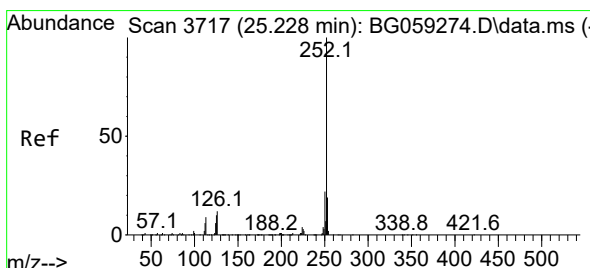
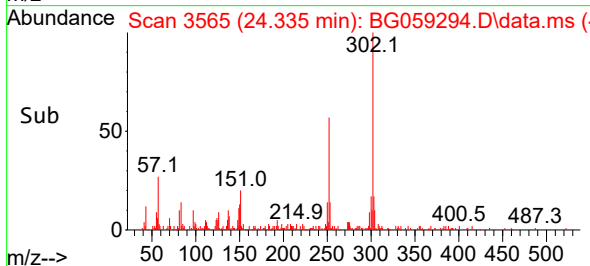
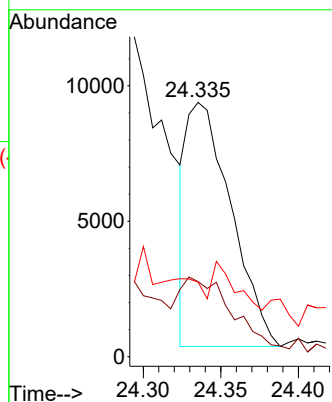
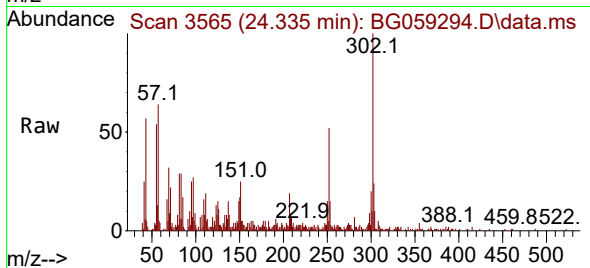
Tgt Ion:252 Resp: 17921

Ion Ratio Lower Upper

252 100

253 29.5 17.6 26.4#

125 29.3 8.1 12.1#



#93

Benzo(a)pyrene

Concen: 2.934 ng/ul

RT: 25.228 min Scan# 3717

Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

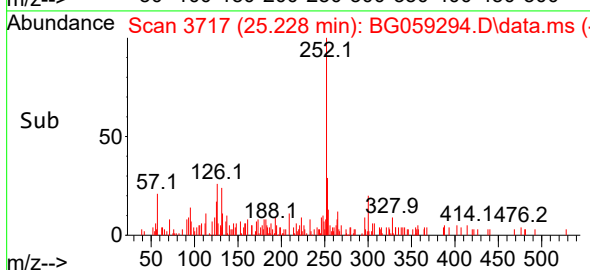
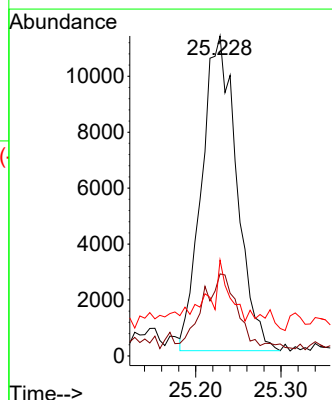
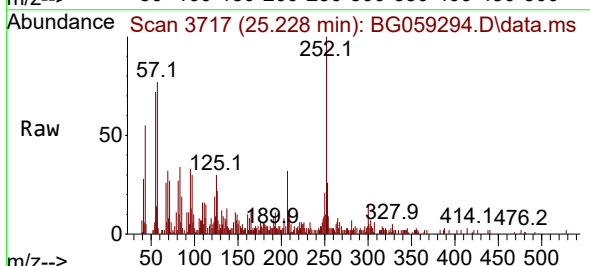
Tgt Ion:252 Resp: 31995

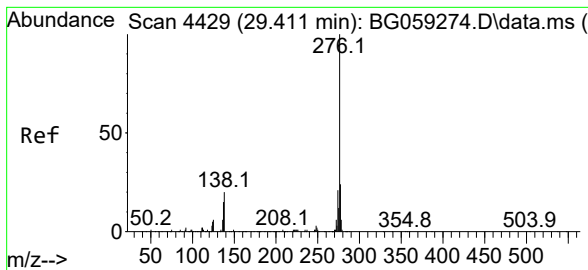
Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

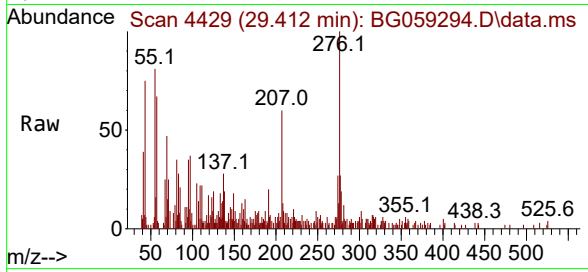
125 30.0 9.4 14.0#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.100 ng/ul
 RT: 29.412 min Scan# 44
 Delta R.T. -0.024 min
 Lab File: BG059294.D
 Acq: 5 Oct 2023 13:19

Instrument :
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 ClientSampleId :
 EZYY7



Tgt Ion:	276	Resp:	25918
Ion Ratio	Lower	Upper	
276	100		
138	19.1	17.0	25.6
277	26.6	18.6	28.0

