

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057303.D
 Acq On : 4 May 2023 14:56
 Operator : CG/JU
 Sample : 02447-20DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW938DL

Quant Time: May 05 01:44:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

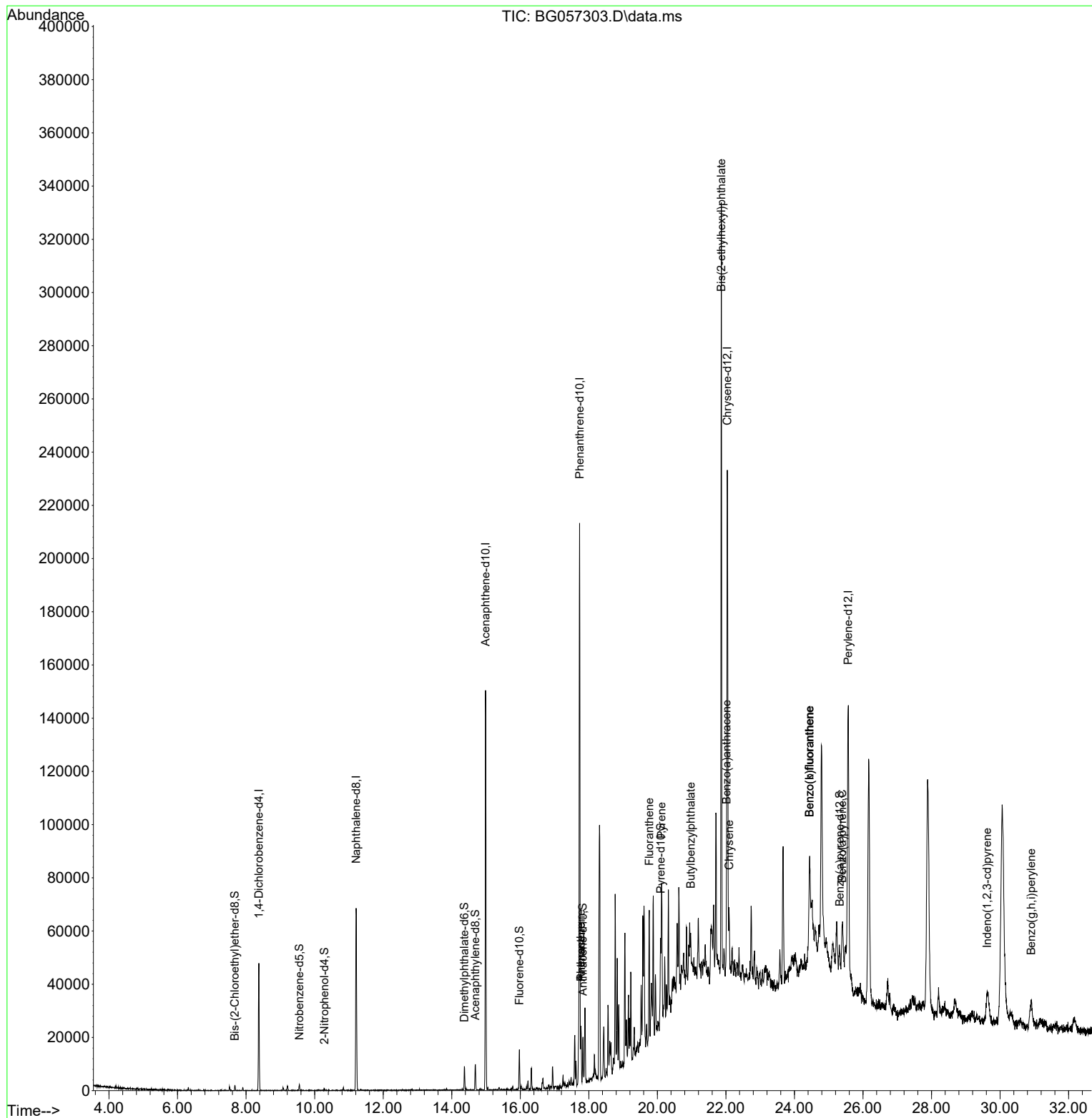
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	13526	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	59863	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	53492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	137569	20.000	ng/u1	0.00
79) Chrysene-d12	22.042	240	116105	20.000	ng/u1	0.00
88) Perylene-d12	25.567	264	121107	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.084	84	172	0.177	ng/u1	-0.01
7) Phenol-d5	7.515	99	1119	0.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	982	1.305	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	840	0.996	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	718	0.739	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	615	1.290	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	560	1.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.840	165	770	0.717	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	395	0.278	ng/u1	0.00
46) Dimethylphthalate-d6	14.370	166	6883	1.624	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	7869	1.652	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.974	176	6776	1.716	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.825	188	12439	1.981	ng/u1	0.00
81) Pyrene-d10	20.098	212	14437	2.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.320	264	12203	1.978	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.772	178	13905	1.941	ng/u1	98
74) Anthracene	17.772	178	13905	1.932	ng/u1	98
80) Fluoranthene	19.763	202	31483	3.846	ng/u1	99
82) Pyrene	20.121	202	30097	3.632	ng/u1	97
83) Butylbenzylphthalate	20.973	149	4448	1.676	ng/u1#	92
85) Benzo(a)anthracene	22.019	228	19519	2.377	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.866	149	122305	31.685	ng/u1	95
87) Chrysene	22.095	228	21284	2.747	ng/u1	97
90) Benzo(b)fluoranthene	24.439	252	30554	3.643	ng/u1	95
91) Benzo(k)fluoranthene	24.439	252	30554	3.745	ng/u1	97
93) Benzo(a)pyrene	25.397	252	19757	2.729	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	29.620	276	11014	1.217	ng/u1	95
96) Benzo(g,h,i)perylene	30.907	276	13320	1.818	ng/u1	98

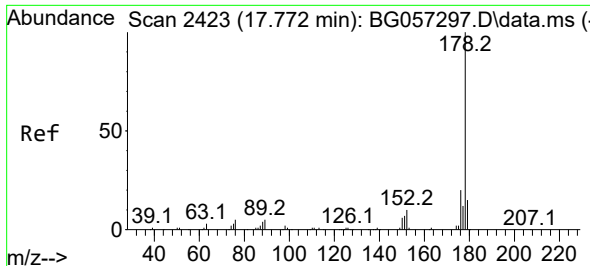
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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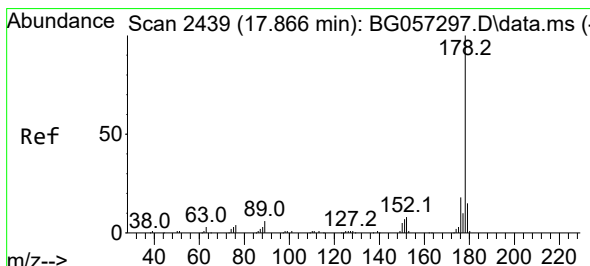
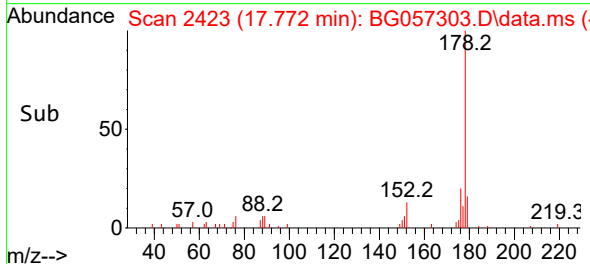
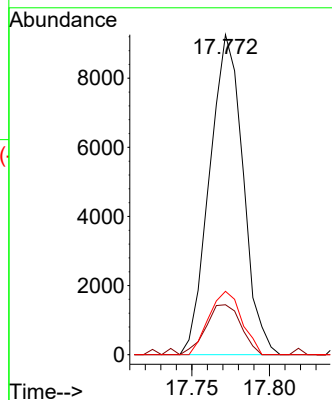
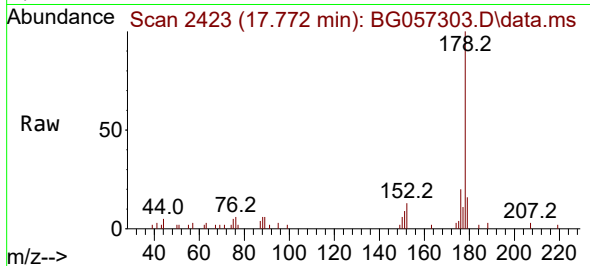




#72
Phenanthrene
Concen: 1.941 ng/ul
RT: 17.772 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

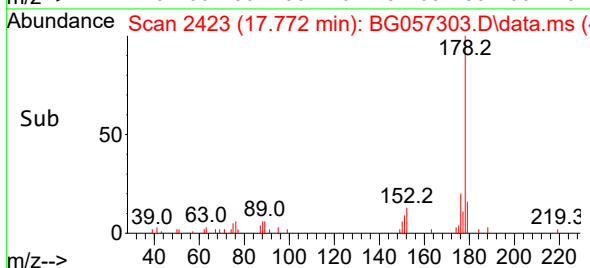
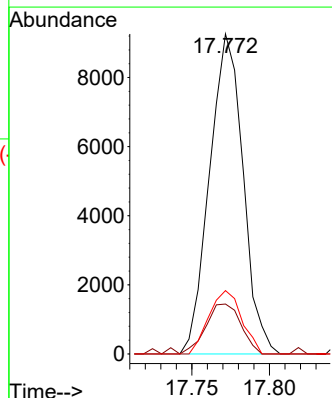
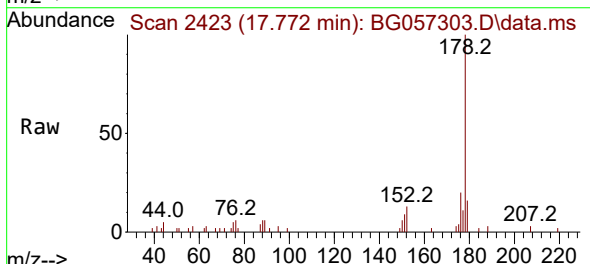
Instrument :
BNA_G
ClientSampleId :
EW938DL

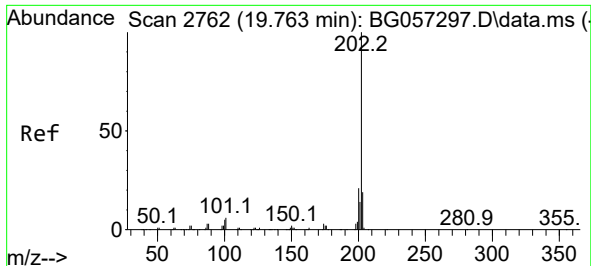
Tgt Ion:178 Resp: 13905
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 19.8 15.4 23.0



#74
Anthracene
Concen: 1.932 ng/ul
RT: 17.772 min Scan# 2423
Delta R.T. -0.097 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

Tgt Ion:178 Resp: 13905
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 14.7 22.1

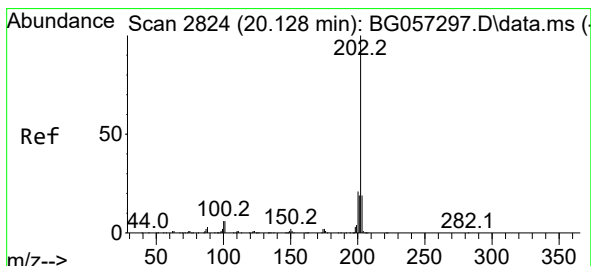
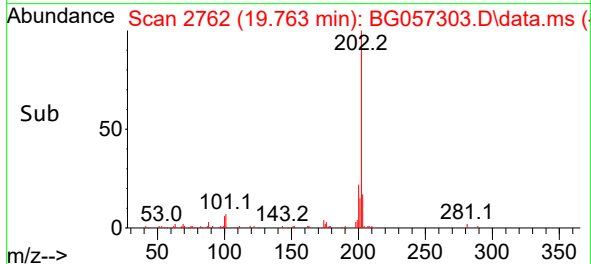
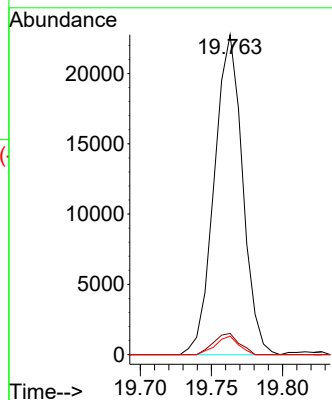
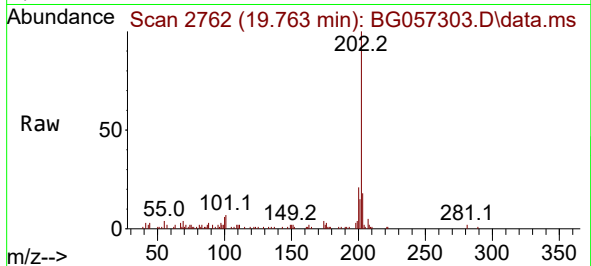




#80
Fluoranthene
Concen: 3.846 ng/ul
RT: 19.763 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

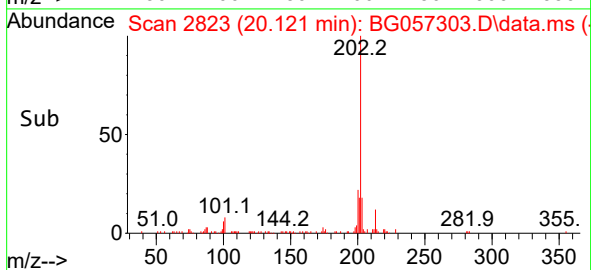
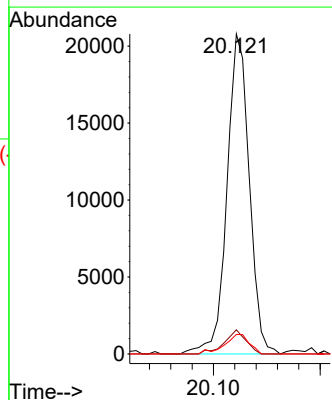
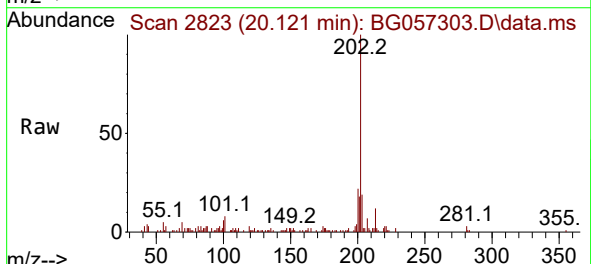
Instrument :
BNA_G
ClientSampleId :
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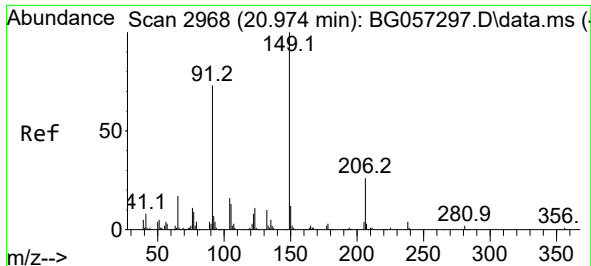
Tgt Ion:202 Resp: 31483
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.6
100 5.8 4.6 7.0



#82
Pyrene
Concen: 3.632 ng/ul
RT: 20.121 min Scan# 2823
Delta R.T. -0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

Tgt Ion:202 Resp: 30097
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.1 6.0 9.0

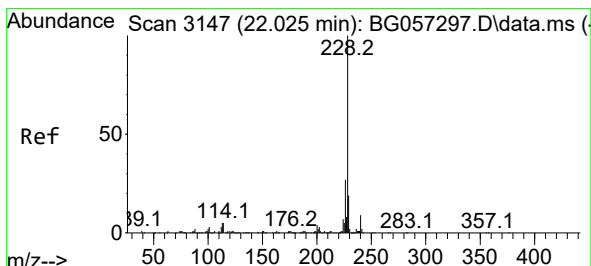
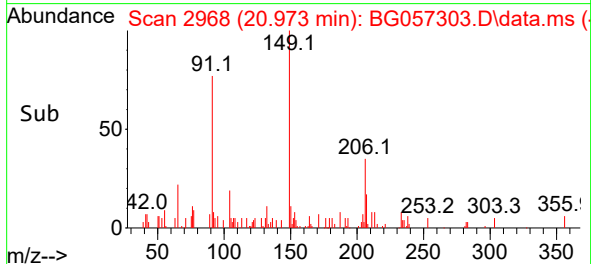
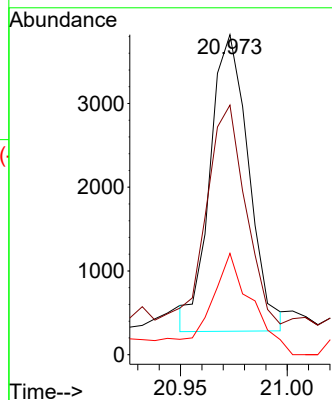
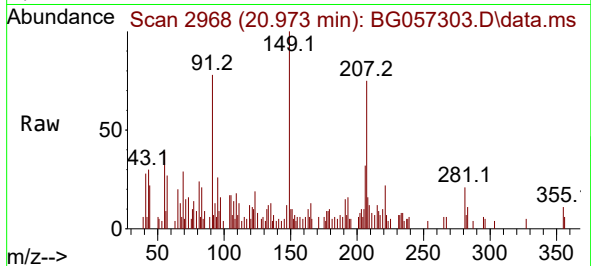




#83
Butylbenzylphthalate
Concen: 1.676 ng/ul
RT: 20.973 min Scan# 2968
Delta R.T. -0.009 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

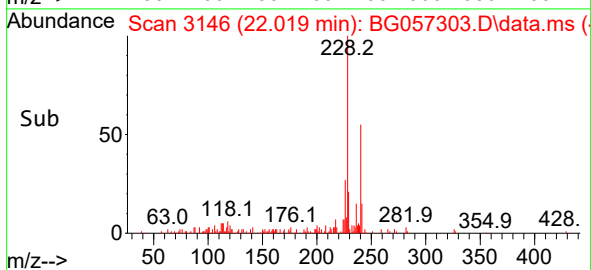
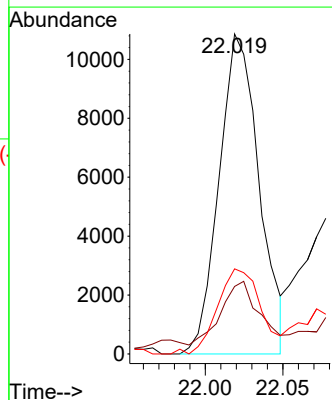
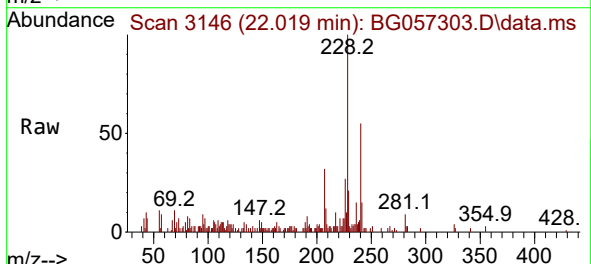
Instrument :
BNA_G
ClientSampleId :
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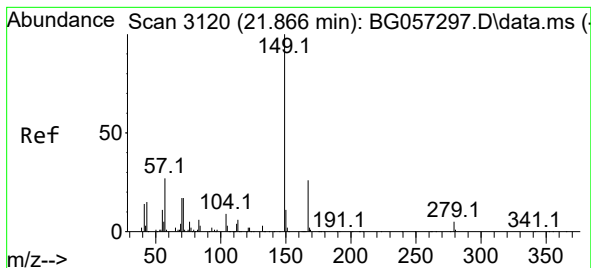
Tgt Ion:149 Resp: 4448
Ion Ratio Lower Upper
149 100
91 78.0 58.6 87.8
206 31.7 19.8 29.8#



#85
Benzo(a)anthracene
Concen: 2.377 ng/ul
RT: 22.019 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

Tgt Ion:228 Resp: 19519
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 26.6 21.7 32.5

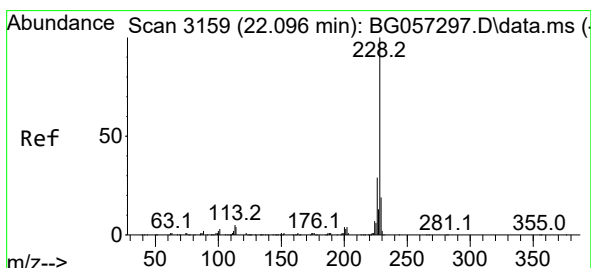
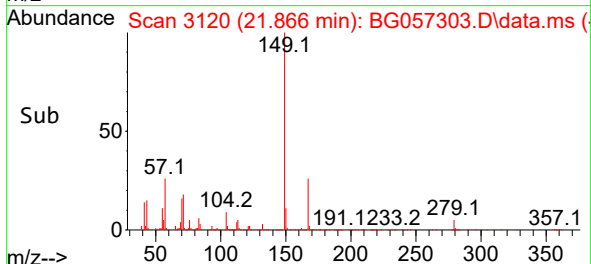
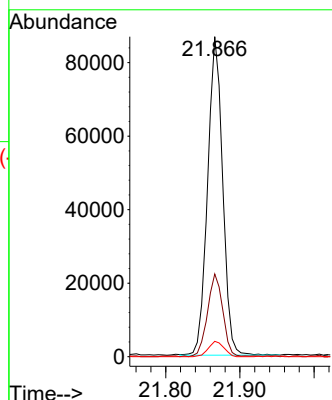
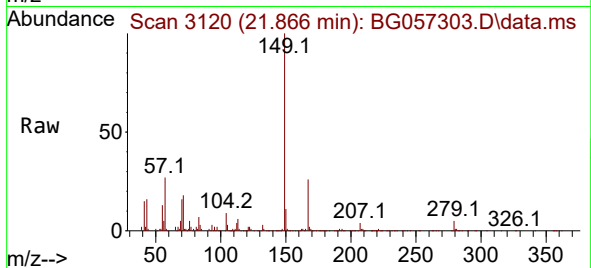




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 31.685 ng/ul
 RT: 21.866 min Scan# 3120
 Delta R.T. -0.009 min
 Lab File: BG057303.D
 Acq: 4 May 2023 14:56

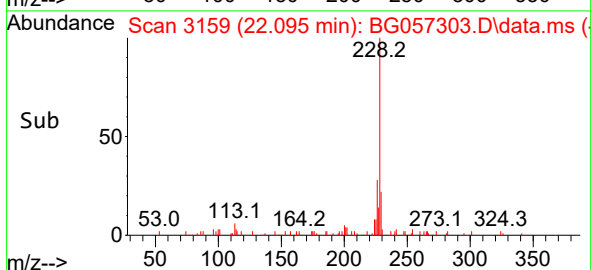
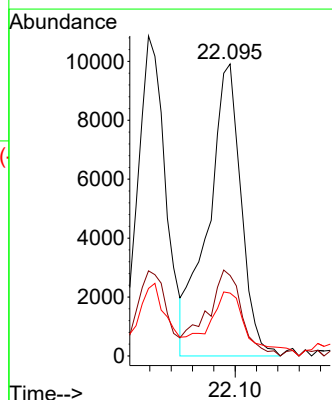
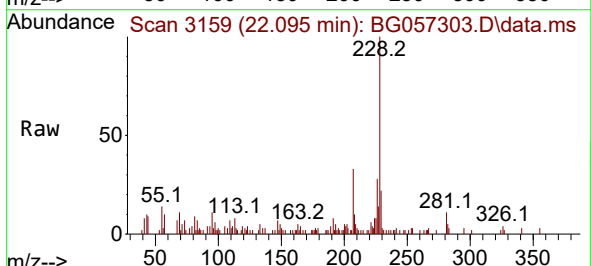
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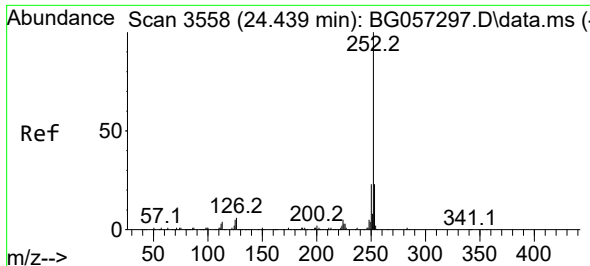
Tgt Ion:149 Resp: 122305
 Ion Ratio Lower Upper
 149 100
 167 25.9 23.0 34.6
 279 4.8 3.6 5.4



#87
 Chrysene
 Concen: 2.747 ng/ul
 RT: 22.095 min Scan# 3159
 Delta R.T. -0.003 min
 Lab File: BG057303.D
 Acq: 4 May 2023 14:56

Tgt Ion:228 Resp: 21284
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.8 34.2
 229 21.5 15.5 23.3

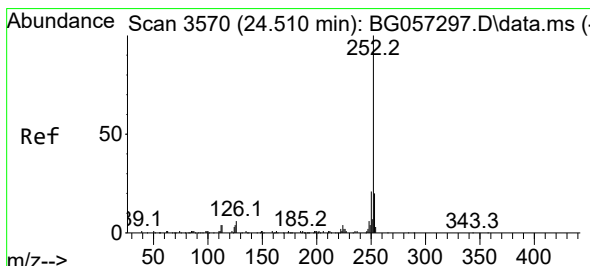
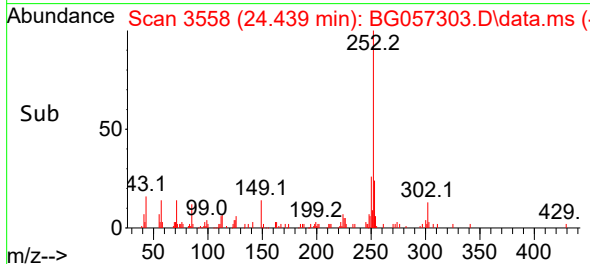
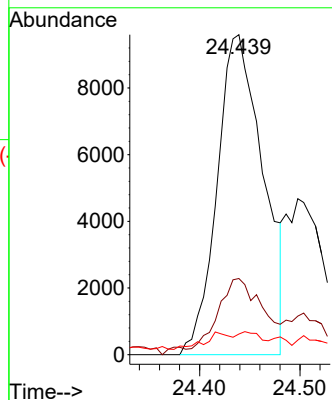
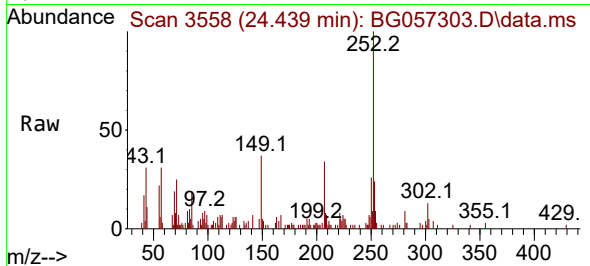




#90
Benzo(b)fluoranthene
Concen: 3.643 ng/ul
RT: 24.439 min Scan# 3558
Delta R.T. 0.003 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

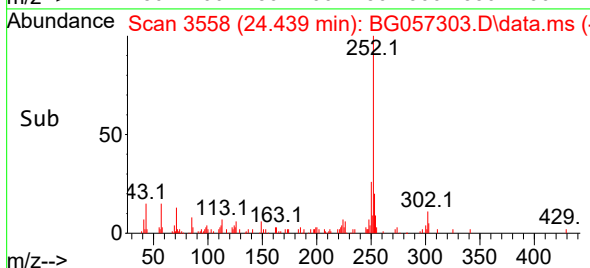
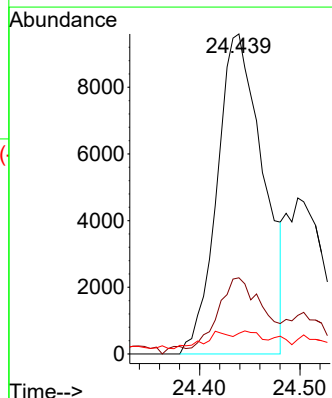
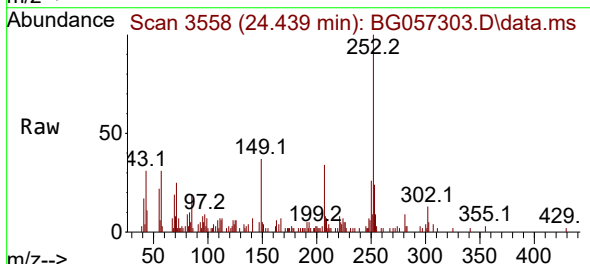
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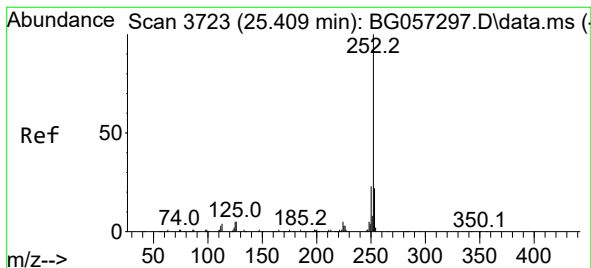
Tgt Ion:	252	Resp:	30554
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.7	25.1
125	6.4	4.8	7.2



#91
Benzo(k)fluoranthene
Concen: 3.745 ng/ul
RT: 24.439 min Scan# 3558
Delta R.T. -0.073 min
Lab File: BG057303.D
Acq: 4 May 2023 14:56

Tgt Ion:	252	Resp:	30554
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	6.4	4.5	6.7





#93

Benzo(a)pyrene

Concen: 2.729 ng/ul

RT: 25.397 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

Instrument :

BNA_G

ClientSampleId :

EW938DL

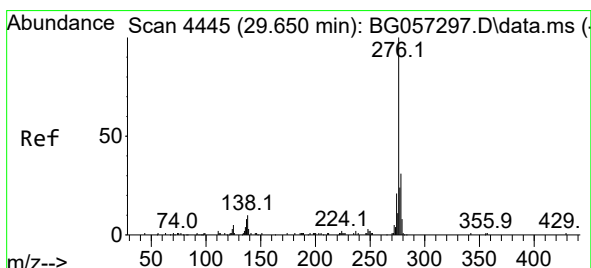
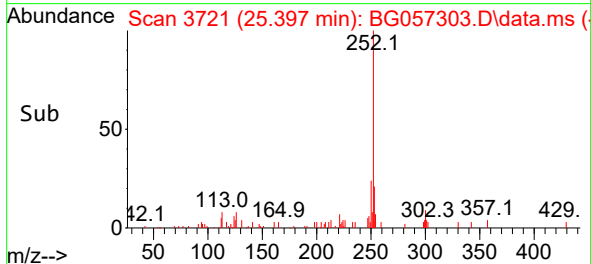
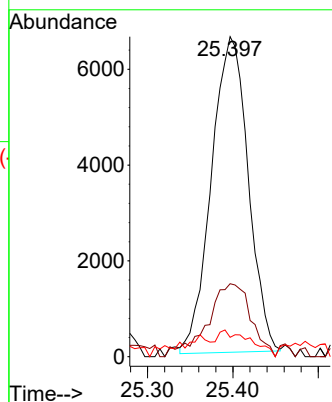
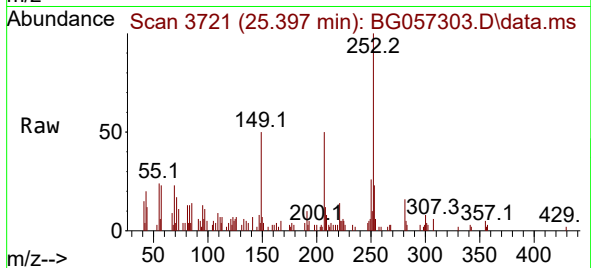
Tgt Ion:252 Resp: 19757

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 6.0 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.217 ng/ul

RT: 29.620 min Scan# 4440

Delta R.T. -0.003 min

Lab File: BG057303.D

Acq: 4 May 2023 14:56

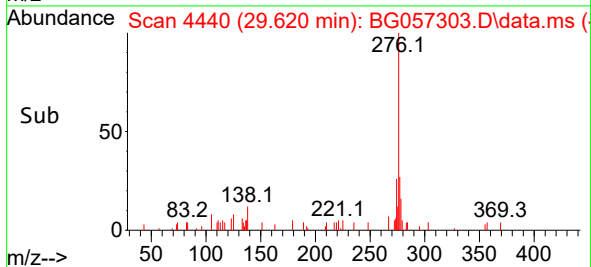
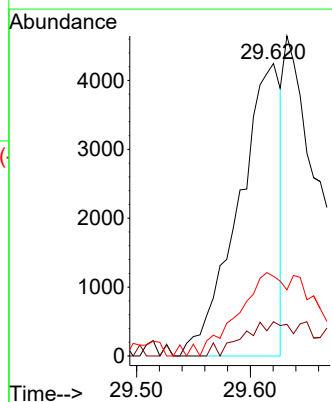
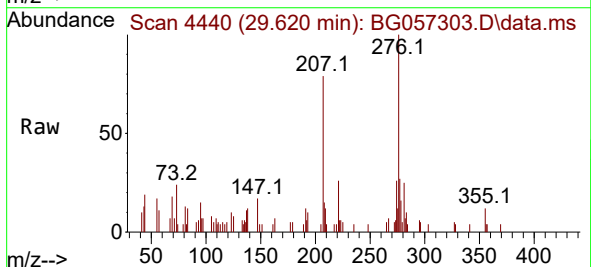
Tgt Ion:276 Resp: 11014

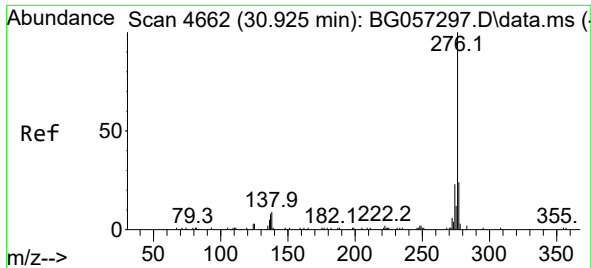
Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.2

277 27.2 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.818 ng/ul
 RT: 30.907 min Scan# 4
 Delta R.T. -0.003 min
 Lab File: BG057303.D
 Acq: 4 May 2023 14:56

Instrument :
 BNA_G
 ClientSampleId :
 EW938DL

Tgt Ion:276 Resp: 13320
 Ion Ratio Lower Upper
 276 100
 138 10.7 8.7 13.1
 277 24.1 18.4 27.6

