

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057301.D
 Acq On : 4 May 2023 13:17
 Operator : CG/JU
 Sample : 02419-26DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW923DL

Quant Time: May 05 01:43:44 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

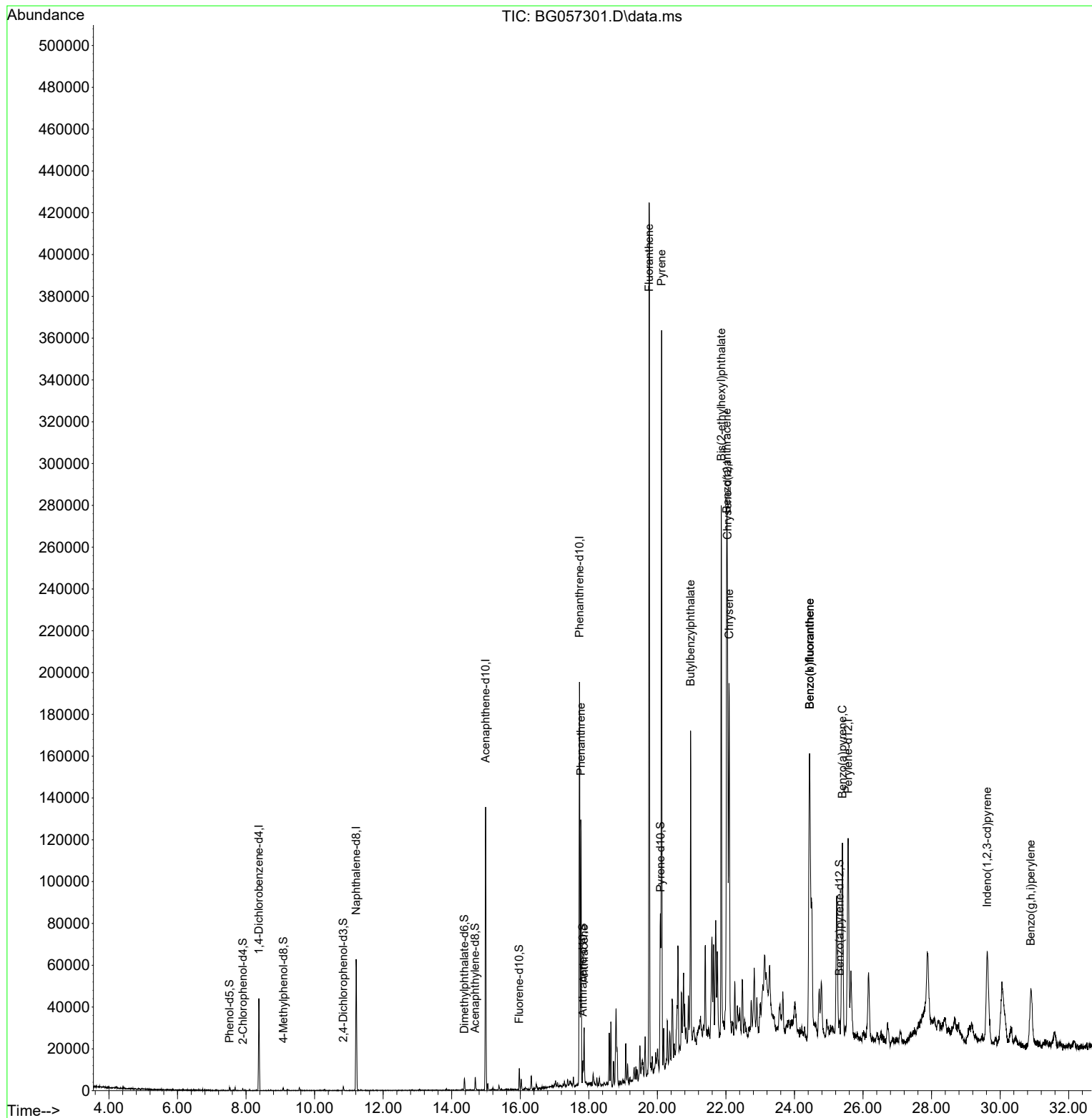
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.375	152	12023	20.000	ng/ul	0.00
20) Naphthalene-d8	11.212	136	52657	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.990	164	48872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.727	188	129943	20.000	ng/ul	0.00
79) Chrysene-d12	22.045	240	111053	20.000	ng/ul	0.00
88) Perylene-d12	25.564	264	116589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.093	84	180	0.209	ng/ul	0.00
7) Phenol-d5	7.517	99	1174	1.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	643	0.961	ng/ul	0.00
11) 2-Chlorophenol-d4	7.905	132	788	1.052	ng/ul	0.00
15) 4-Methylphenol-d8	9.086	113	867	1.003	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	376	0.897	ng/ul	0.00
24) 2-Nitrophenol-d4	10.278	143	439	0.897	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.836	165	964	1.021	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	384	0.307	ng/ul	0.00
46) Dimethylphthalate-d6	14.373	166	5169	1.335	ng/ul	0.00
49) Acenaphthylene-d8	14.684	160	5172	1.188	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.201	143	275	0.488	ng/ul	0.02
60) Fluorene-d10	15.971	176	4877	1.352	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.827	188	8647	1.458	ng/ul	0.00
81) Pyrene-d10	20.095	212	9901	1.502	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.317	264	9373	1.578	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.768	178	85224	12.594	ng/ul	98
74) Anthracene	17.862	178	19991	2.941	ng/ul	99
80) Fluoranthene	19.760	202	277234	35.406	ng/ul#	96
82) Pyrene	20.124	202	236310	29.811	ng/ul#	97
83) Butylbenzylphthalate	20.970	149	41809	16.470	ng/ul	98
85) Benzo(a)anthracene	22.021	228	144748	18.429	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.863	149	106227	28.772	ng/ul	95
87) Chrysene	22.092	228	136232	18.384	ng/ul	97
90) Benzo(b)fluoranthene	24.442	252	177862	22.030	ng/ul	95
91) Benzo(k)fluoranthene	24.442	252	177862	22.644	ng/ul	97
93) Benzo(a)pyrene	25.399	252	112786	16.181	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.623	276	79479	9.122	ng/ul#	97
96) Benzo(g,h,i)perylene	30.892	276	30407	4.312	ng/ul	99

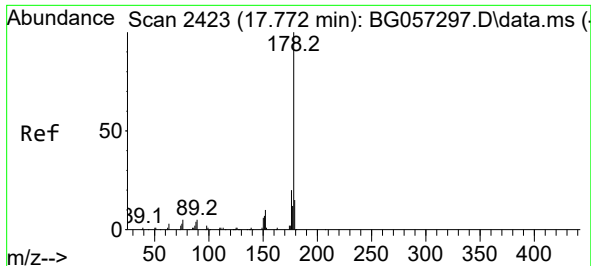
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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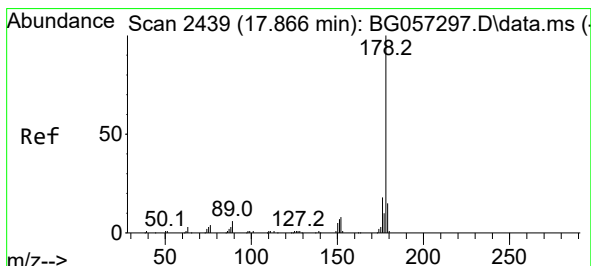
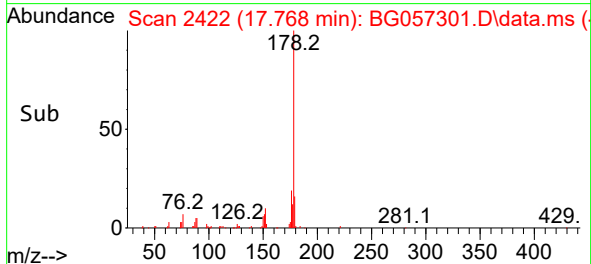
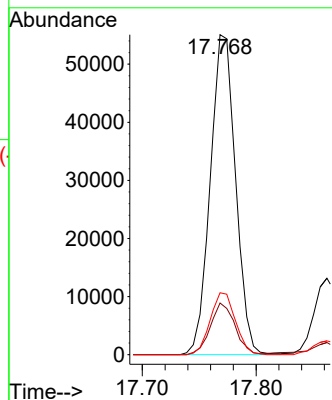
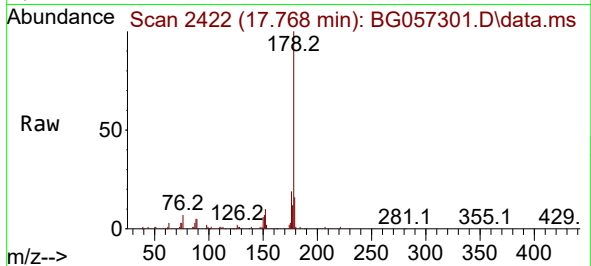




#72
Phenanthrene
Concen: 12.594 ng/ul
RT: 17.768 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

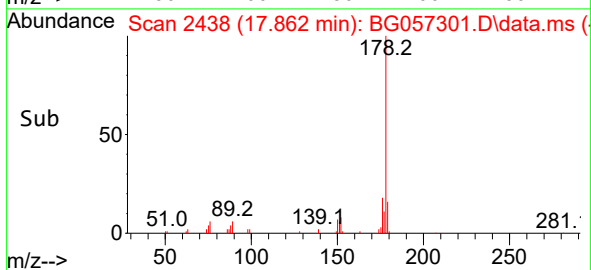
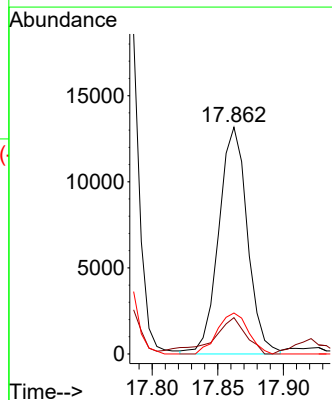
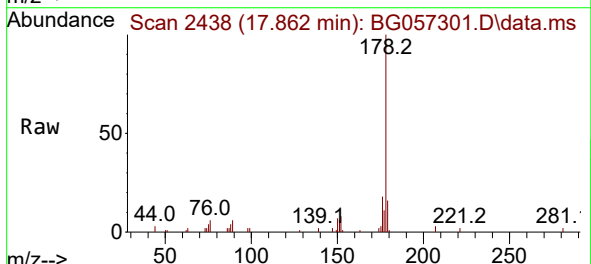
Instrument :
BNA_G
ClientSampleId :
EW923DL

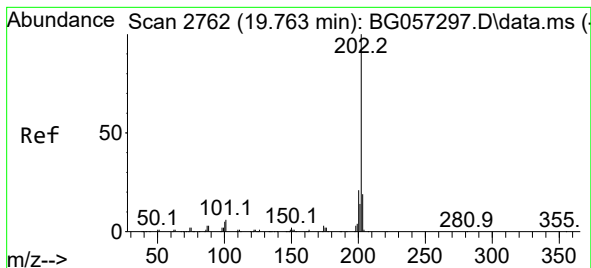
Tgt Ion:178 Resp: 85224
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 19.4 15.4 23.0



#74
Anthracene
Concen: 2.941 ng/ul
RT: 17.862 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

Tgt Ion:178 Resp: 19991
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.0 14.7 22.1





#80

Fluoranthene

Concen: 35.406 ng/ul

RT: 19.760 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

EW923DL

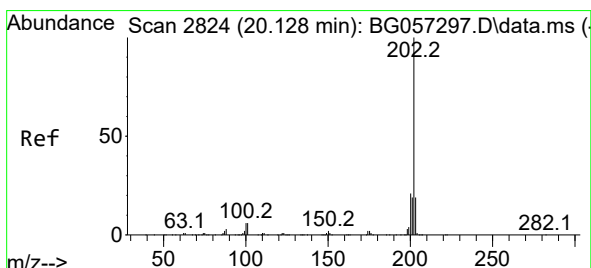
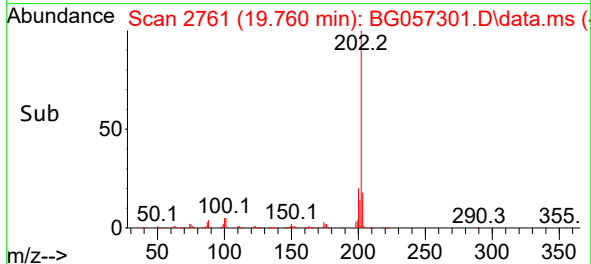
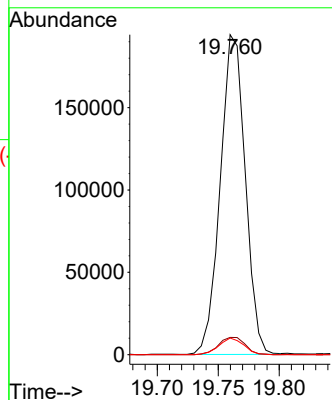
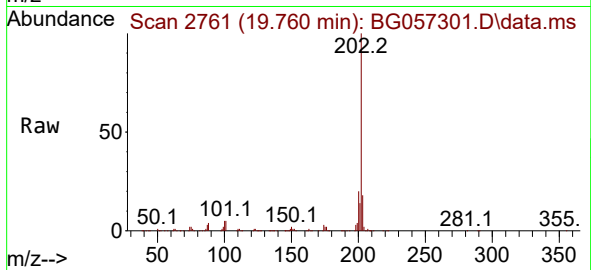
Tgt Ion:202 Resp: 277234

Ion Ratio Lower Upper

202 100

101 5.4 5.8 8.6#

100 5.2 4.6 7.0



#82

Pyrene

Concen: 29.811 ng/ul

RT: 20.124 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

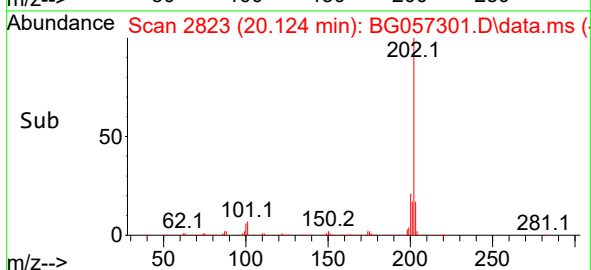
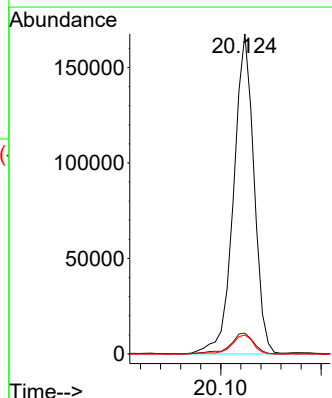
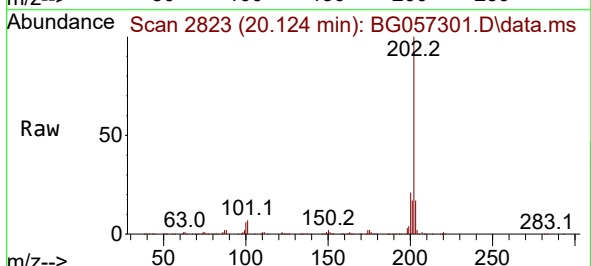
Tgt Ion:202 Resp: 236310

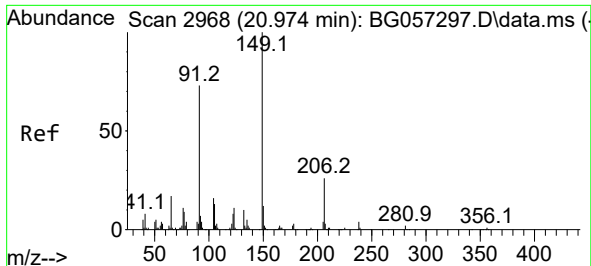
Ion Ratio Lower Upper

202 100

101 6.5 5.7 8.5

100 5.9 6.0 9.0#

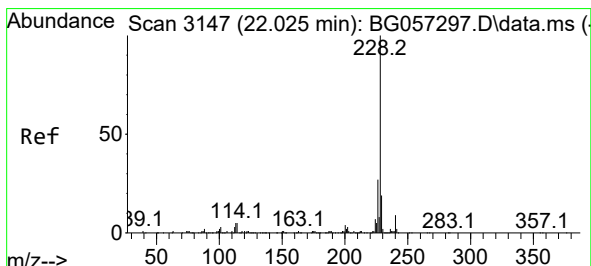
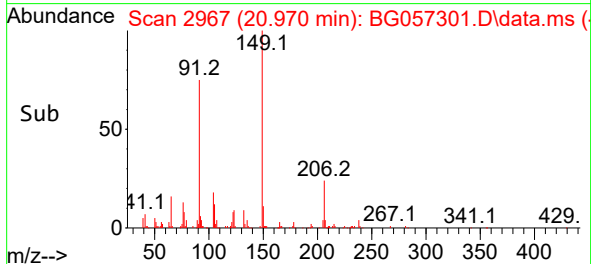
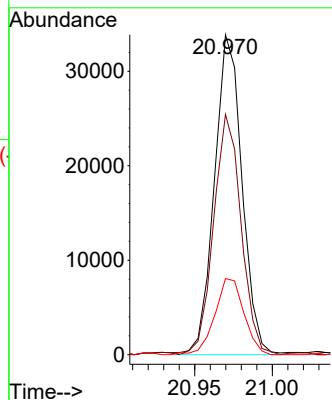
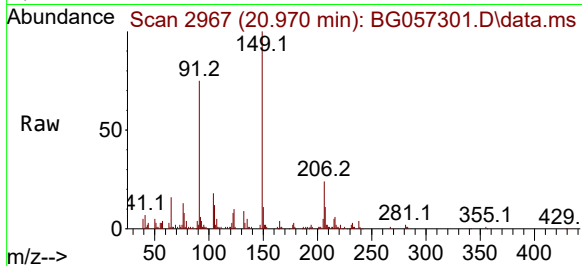




#83
Butylbenzylphthalate
Concen: 16.470 ng/ul
RT: 20.970 min Scan# 2968
Delta R.T. -0.012 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

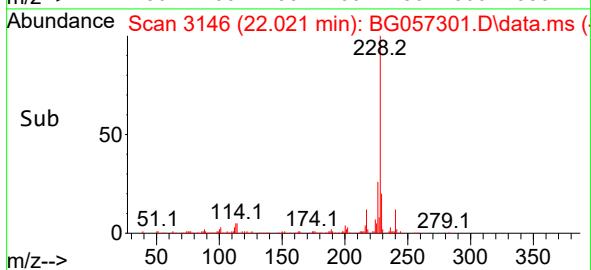
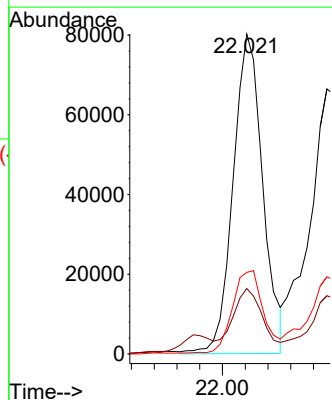
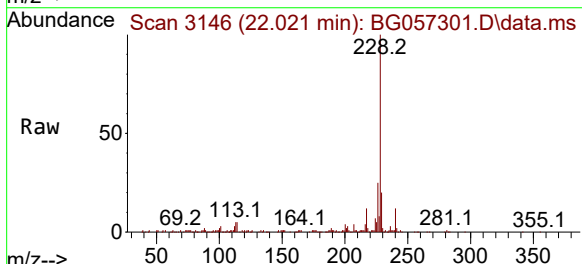
Instrument :
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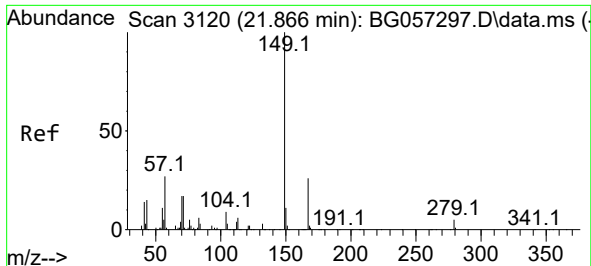
Tgt Ion:149 Resp: 41809
Ion Ratio Lower Upper
149 100
91 75.1 58.6 87.8
206 23.8 19.8 29.8



#85
Benzo(a)anthracene
Concen: 18.429 ng/ul
RT: 22.021 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG057301.D
Acq: 4 May 2023 13:17

Tgt Ion:228 Resp: 144748
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 25.5 21.7 32.5

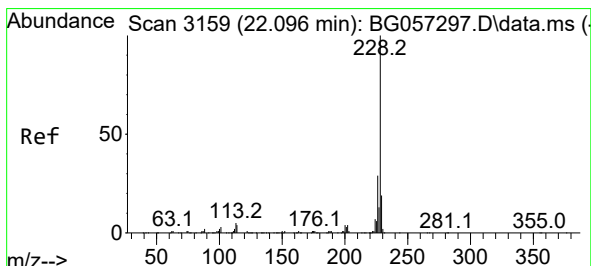
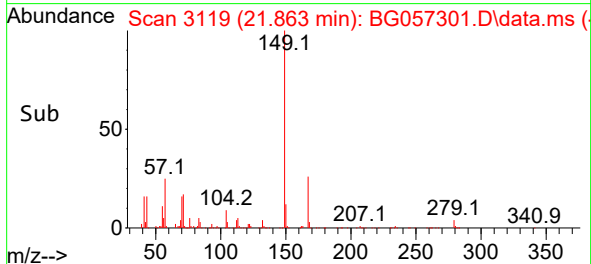
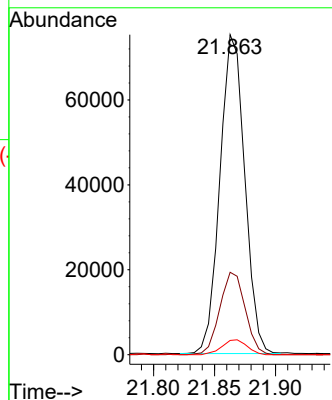
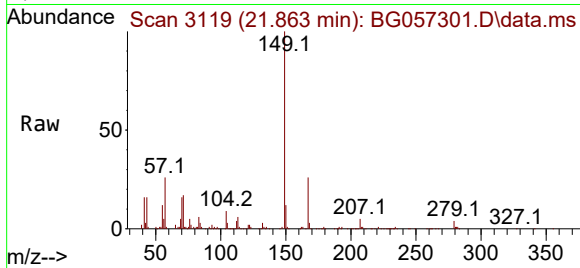




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 28.772 ng/ul
 RT: 21.863 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BG057301.D
 Acq: 4 May 2023 13:17

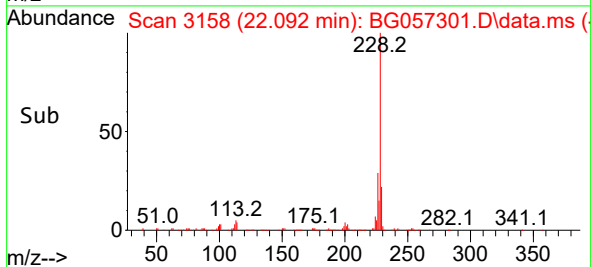
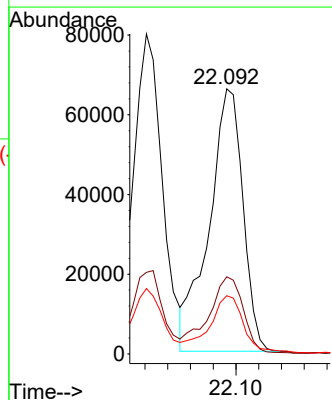
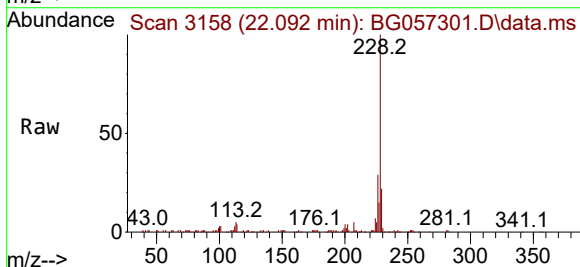
Instrument :
 BNA_G
 ClientSampleId :
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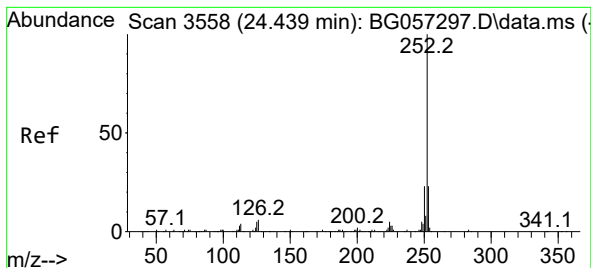
Tgt Ion:149 Resp: 106227
 Ion Ratio Lower Upper
 149 100
 167 25.8 23.0 34.6
 279 4.5 3.6 5.4



#87
 Chrysene
 Concen: 18.384 ng/ul
 RT: 22.092 min Scan# 3158
 Delta R.T. -0.006 min
 Lab File: BG057301.D
 Acq: 4 May 2023 13:17

Tgt Ion:228 Resp: 136232
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.8 34.2
 229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 22.030 ng/ul

RT: 24.442 min Scan# 3558

Delta R.T. 0.006 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

EW923DL

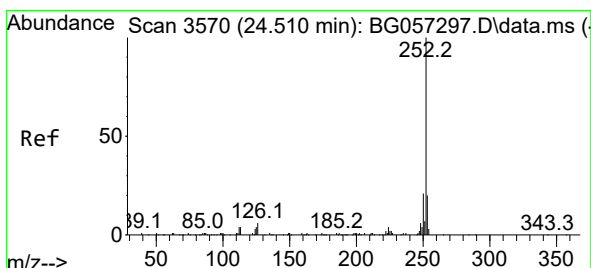
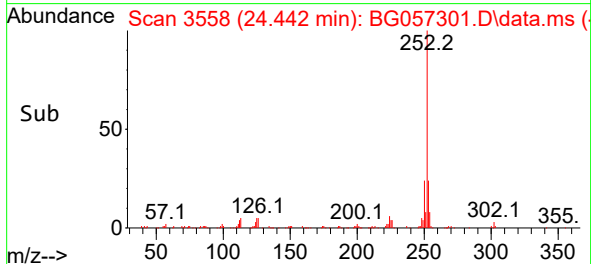
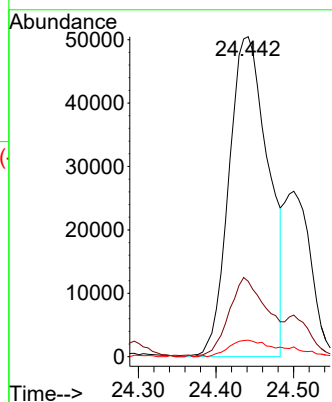
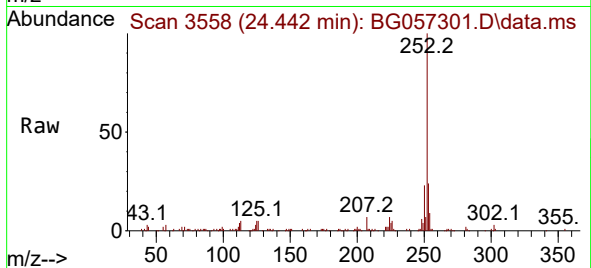
Tgt Ion:252 Resp: 177862

Ion Ratio Lower Upper

252 100

253 23.6 16.7 25.1

125 5.1 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 22.644 ng/ul

RT: 24.442 min Scan# 3558

Delta R.T. -0.071 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

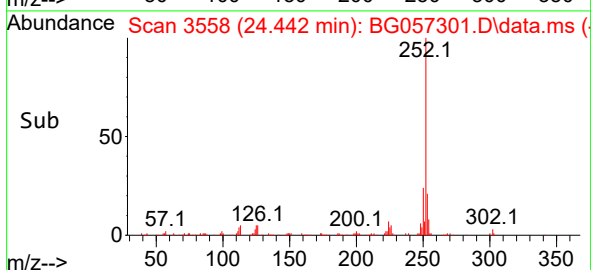
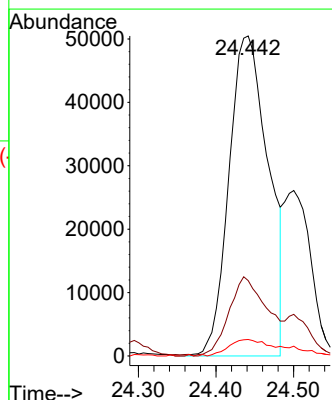
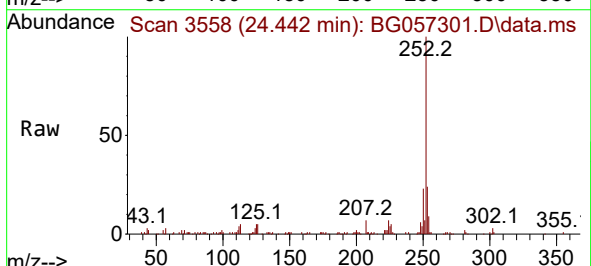
Tgt Ion:252 Resp: 177862

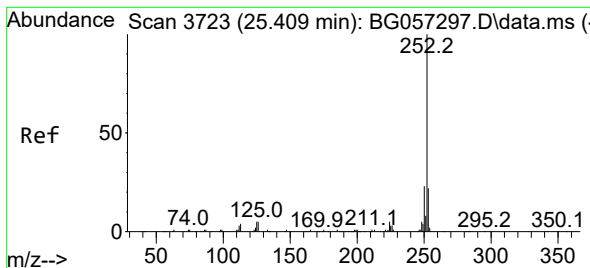
Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 5.1 4.5 6.7





#93

Benzo(a)pyrene

Concen: 16.181 ng/ul

RT: 25.399 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

EW923DL

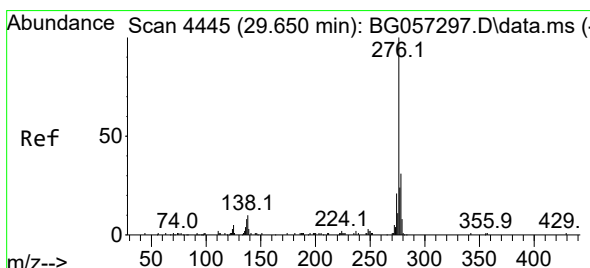
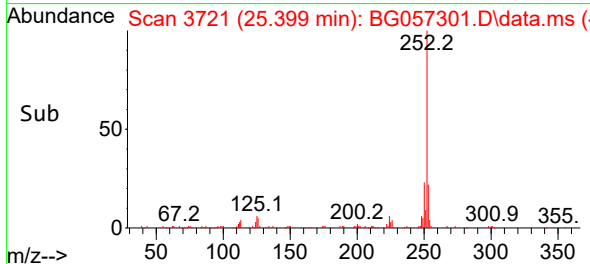
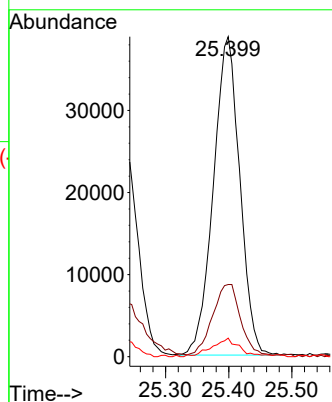
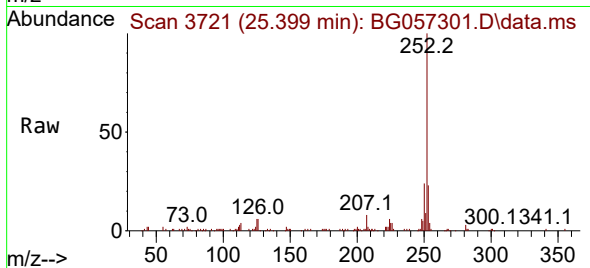
Tgt Ion:252 Resp: 112786

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 5.8 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.122 ng/ul

RT: 29.623 min Scan# 4440

Delta R.T. -0.000 min

Lab File: BG057301.D

Acq: 4 May 2023 13:17

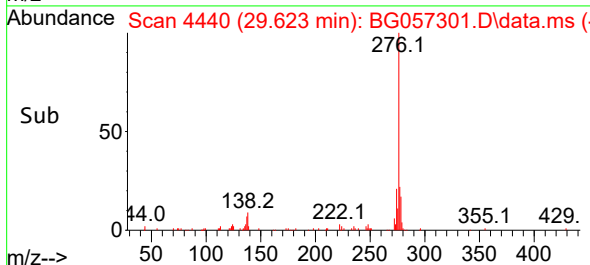
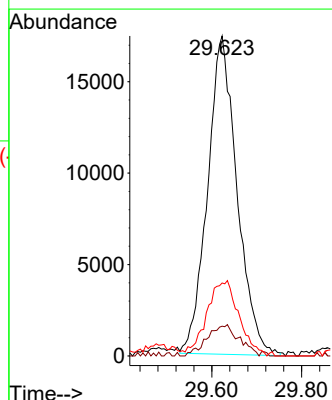
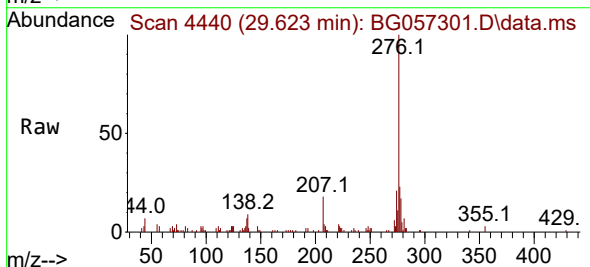
Tgt Ion:276 Resp: 79479

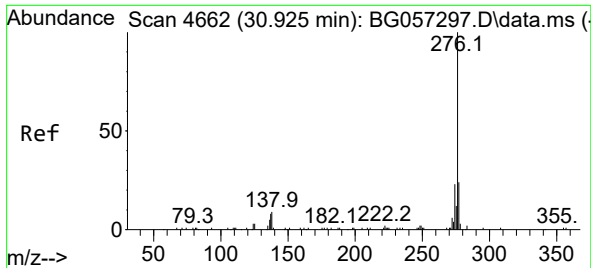
Ion Ratio Lower Upper

276 100

138 9.3 9.4 14.2#

277 22.8 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.312 ng/ul
 RT: 30.892 min Scan# 4
 Delta R.T. -0.018 min
 Lab File: BG057301.D
 Acq: 4 May 2023 13:17

Instrument :
 BNA_G
 ClientSampleId :
 EW923DL

Tgt Ion:276 Resp: 30407
 Ion Ratio Lower Upper
 276 100
 138 10.3 8.7 13.1
 277 23.2 18.4 27.6

