

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058333.D
 Acq On : 19 Jul 2023 18:46
 Operator : CG/JU
 Sample : 03444-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46T7

Quant Time: Jul 19 22:37:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

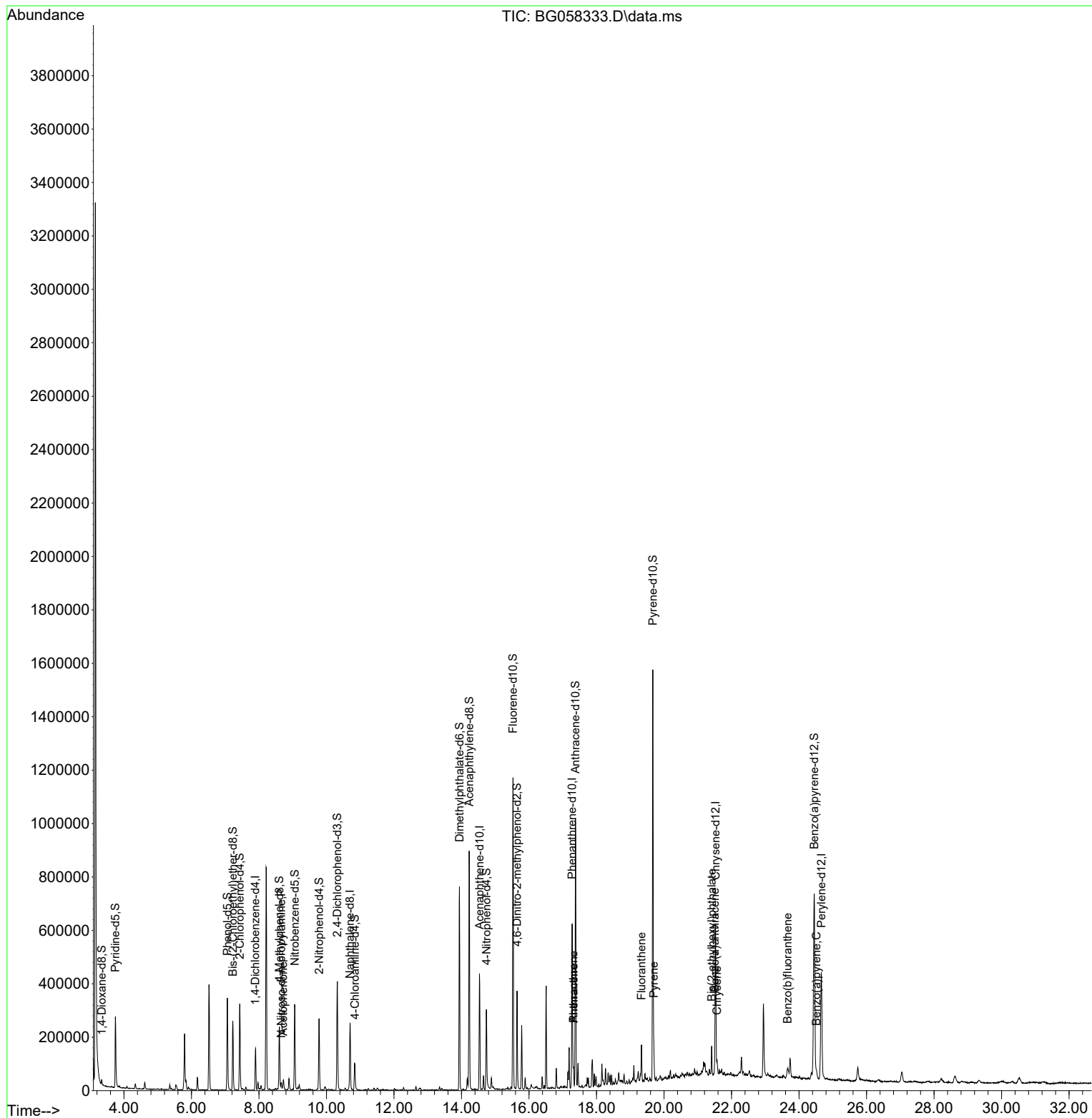
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	45618	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	215631	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	163321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	387668	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	329261	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	394968	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	9441	7.617	ng/uL	0.00
4) Pyridine-d5	3.745	84	148471	40.359	ng/ul	0.00
7) Phenol-d5	7.065	99	223145	51.565	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	128001	47.324	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	151345	49.962	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	95570	28.953	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	78391	48.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	90436	51.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	160949	47.582	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	64349	13.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	529240	42.023	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	608430	46.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	88635	46.601	ng/ul	0.00
60) Fluorene-d10	15.526	176	486674	46.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	83762	42.409	ng/ul	0.00
73) Anthracene-d10	17.376	188	627995	37.491	ng/ul	0.00
81) Pyrene-d10	19.668	212	871605	44.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.450	264	770287	40.350	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	19757	3.515	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.657	70	8341	2.711	ng/ul#	62
72) Phenanthrene	17.318	178	40585	2.203	ng/ul	97
74) Anthracene	17.318	178	40585	2.194	ng/ul	95
80) Fluoranthene	19.333	202	86543	3.885	ng/ul	99
82) Pyrene	19.697	202	75964	3.365	ng/ul	99
85) Benzo(a)anthracene	21.507	228	33444	1.511	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	38478	3.043	ng/ul	100
87) Chrysene	21.571	228	34482	1.643	ng/ul	95
90) Benzo(b)fluoranthene	23.663	252	44664	1.954	ng/ul#	97
93) Benzo(a)pyrene	24.515	252	25144	1.237	ng/ul#	97

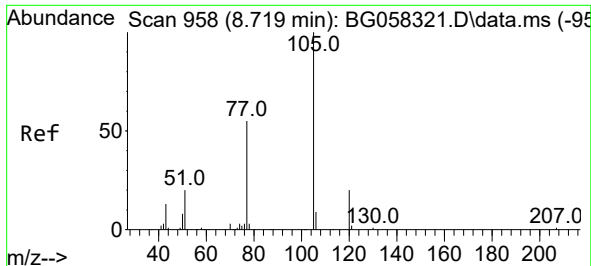
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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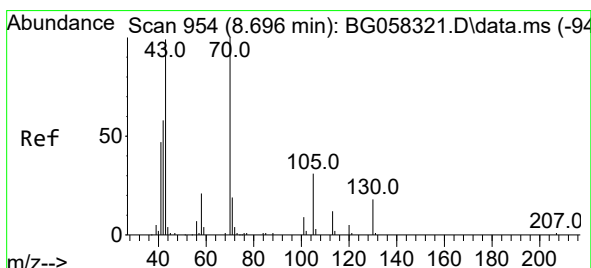
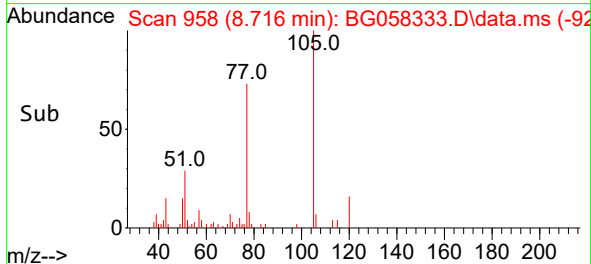
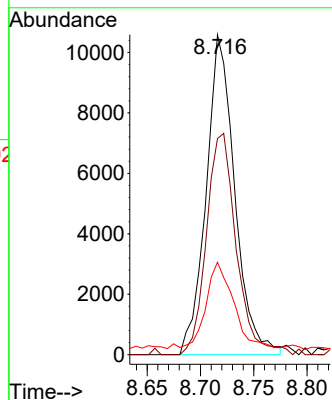
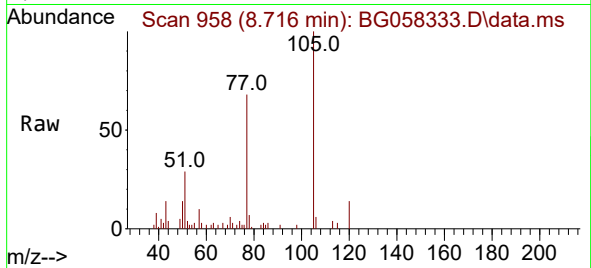




#16
Acetophenone
Concen: 3.515 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

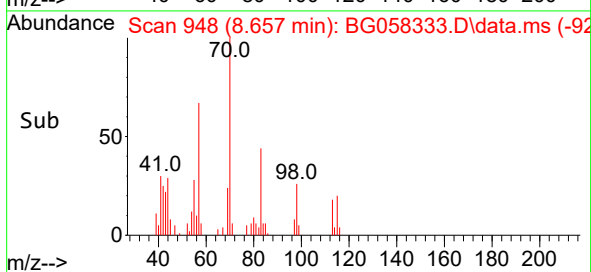
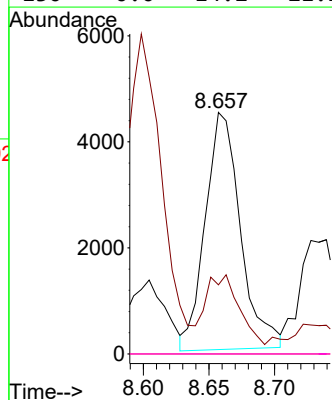
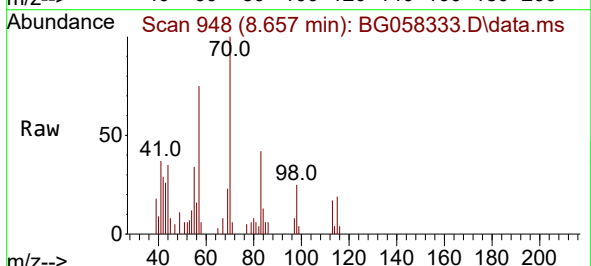
Instrument :
BNA_G
ClientSampleId :
A46T7

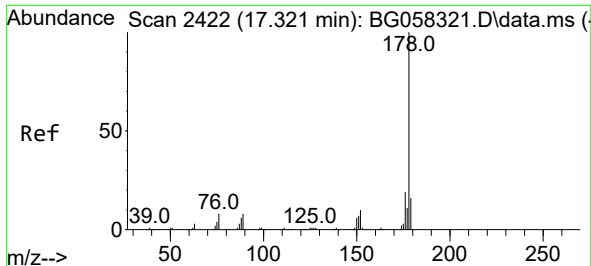
Tgt Ion:105 Resp: 19757
Ion Ratio Lower Upper
105 100
77 67.6 60.7 91.1
51 28.9 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 2.711 ng/ul
RT: 8.657 min Scan# 948
Delta R.T. -0.047 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

Tgt Ion: 70 Resp: 8341
Ion Ratio Lower Upper
70 100
42 28.6 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

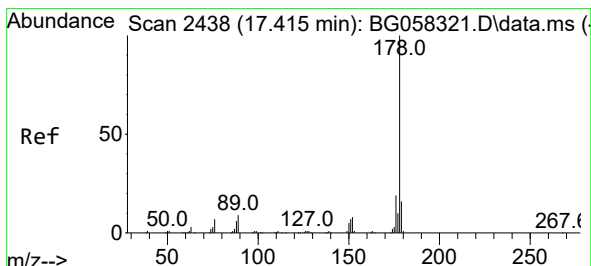
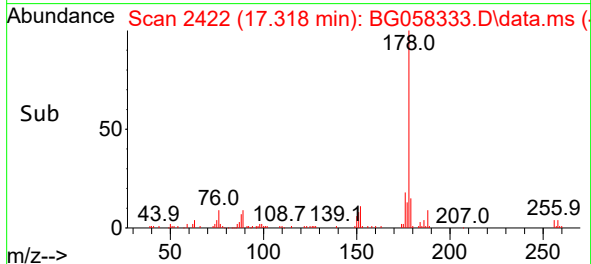
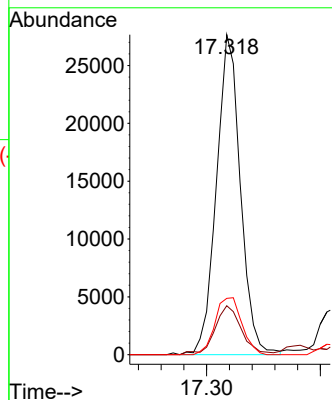
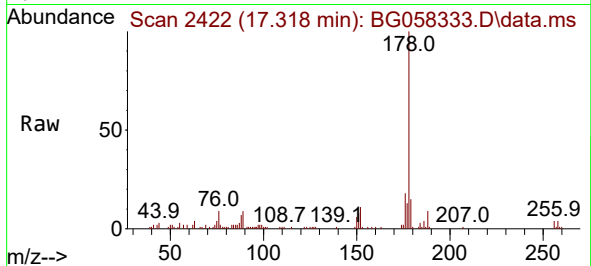




#72
Phenanthrene
Concen: 2.203 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

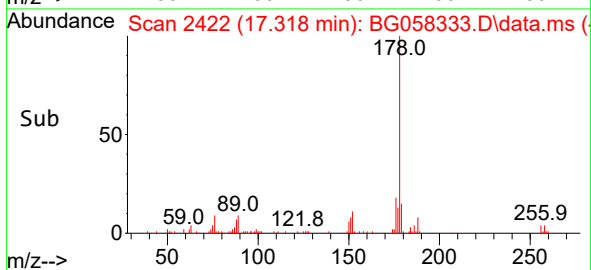
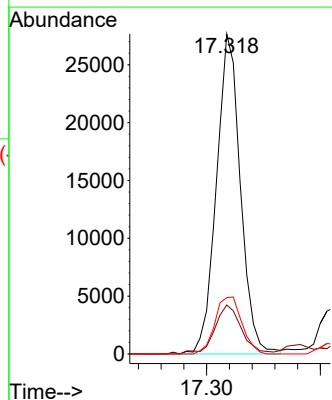
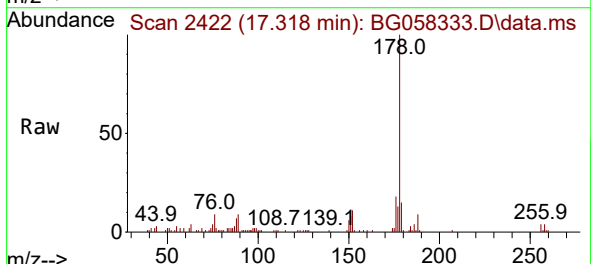
Instrument :
BNA_G
ClientSampleId :
A46T7

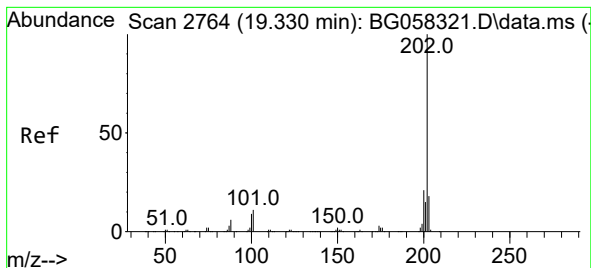
Tgt Ion:178	Resp:	40585
Ion Ratio	Lower	Upper
178	100	
179	15.3	11.9 17.9
176	17.6	15.8 23.8



#74
Anthracene
Concen: 2.194 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.099 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

Tgt Ion:178	Resp:	40585
Ion Ratio	Lower	Upper
178	100	
179	15.3	13.4 20.2
176	17.6	16.2 24.2





#80

Fluoranthene

Concen: 3.885 ng/ul

RT: 19.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058333.D

Acq: 19 Jul 2023 18:46

Instrument :

BNA_G

ClientSampleId :

A46T7

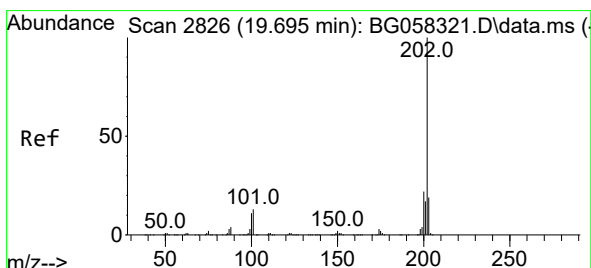
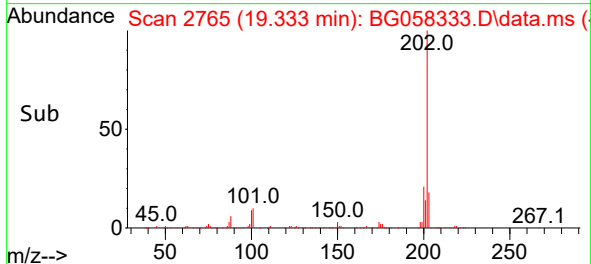
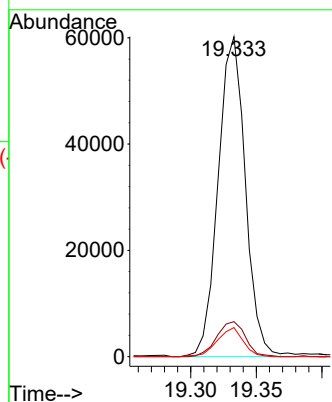
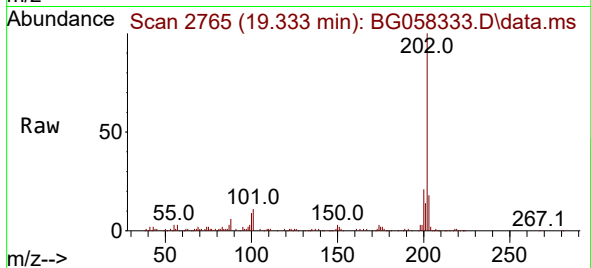
Tgt Ion:202 Resp: 86543

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

100 9.1 7.2 10.8



#82

Pyrene

Concen: 3.365 ng/ul

RT: 19.697 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BG058333.D

Acq: 19 Jul 2023 18:46

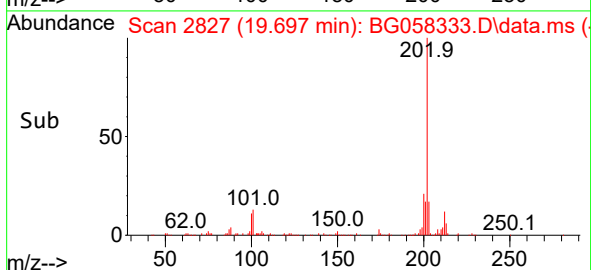
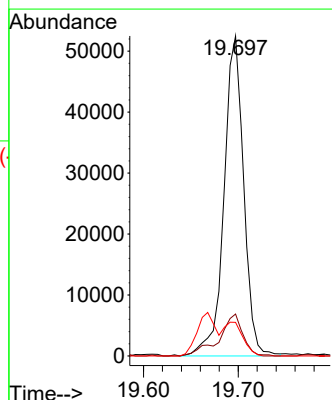
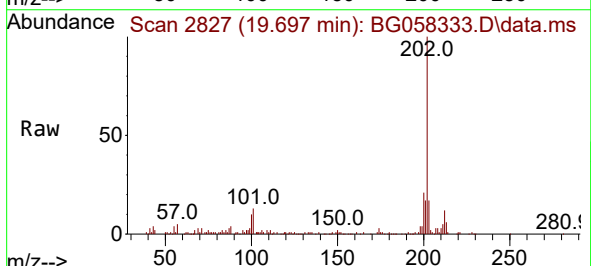
Tgt Ion:202 Resp: 75964

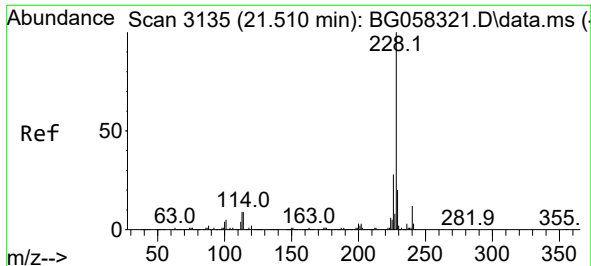
Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

100 10.5 8.9 13.3

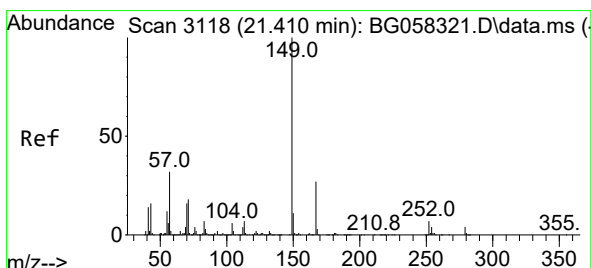
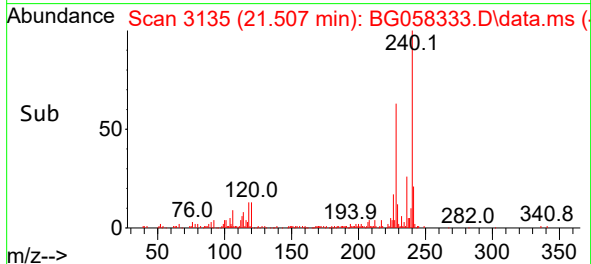
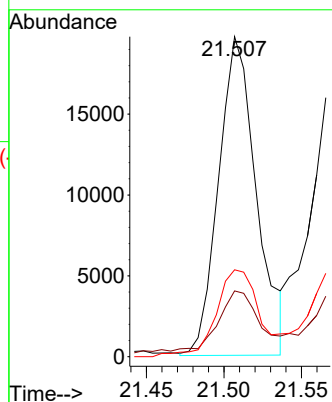
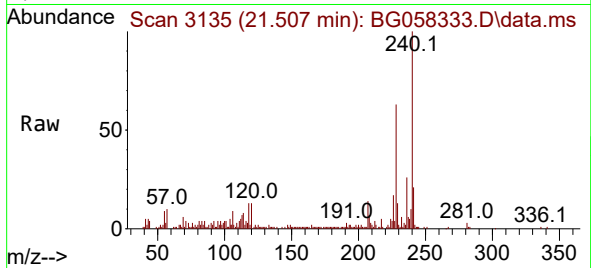




#85
Benzo(a)anthracene
Concen: 1.511 ng/ul
RT: 21.507 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

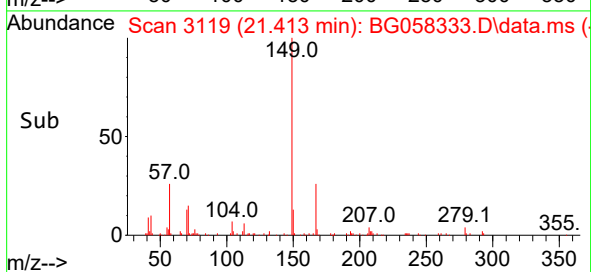
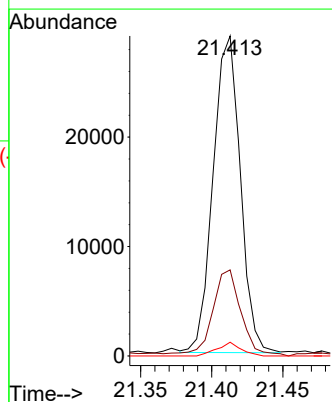
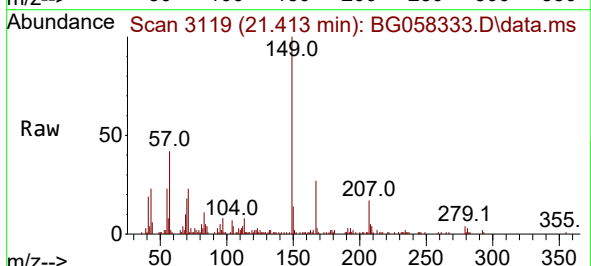
Instrument :
BNA_G
ClientSampleId :
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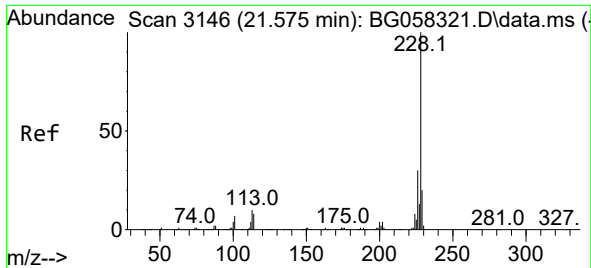
Tgt Ion:228 Resp: 33444
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.1 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.043 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

Tgt Ion:149 Resp: 38478
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 4.3 3.0 4.4

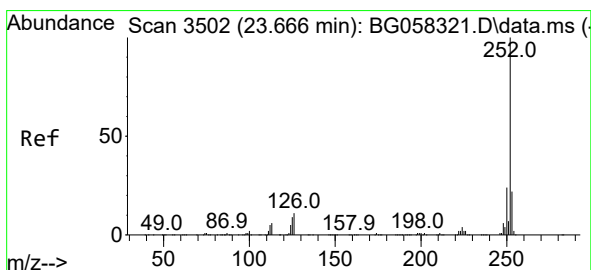
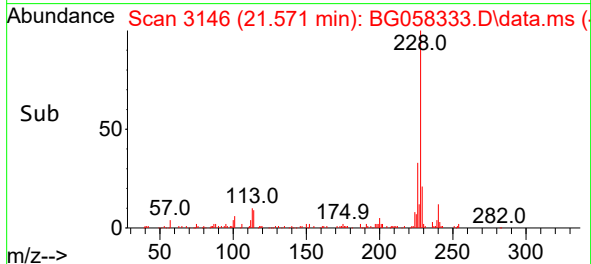
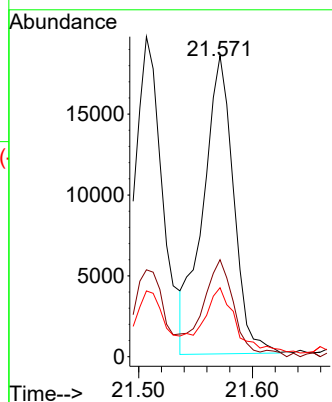
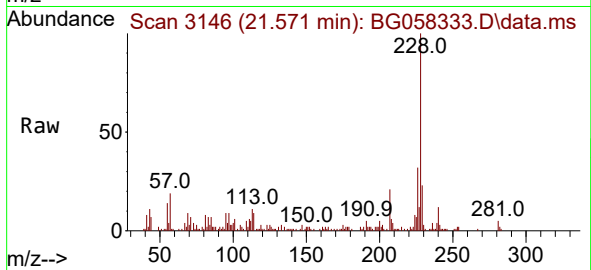




#87
Chrysene
Concen: 1.643 ng/ul
RT: 21.571 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

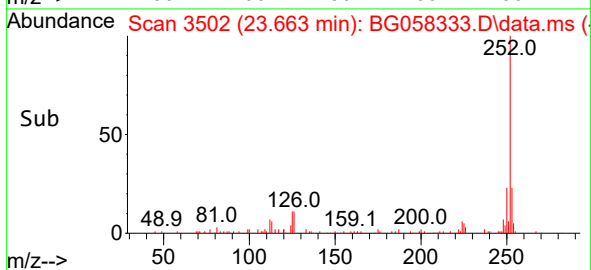
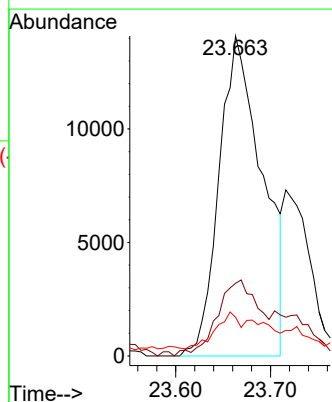
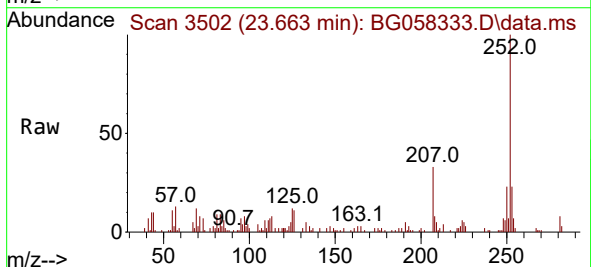
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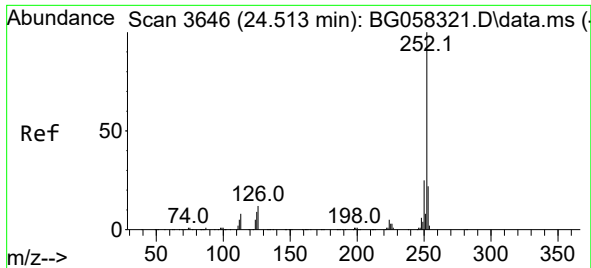
Tgt Ion:228 Resp: 34482
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 22.9 15.8 23.8



#90
Benzo(b)fluoranthene
Concen: 1.954 ng/ul
RT: 23.663 min Scan# 3502
Delta R.T. -0.005 min
Lab File: BG058333.D
Acq: 19 Jul 2023 18:46

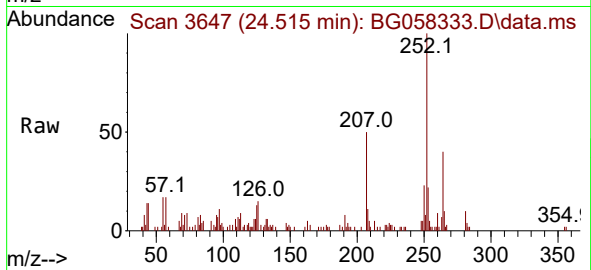
Tgt Ion:252 Resp: 44664
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 12.1 6.7 10.1#





#93
 Benzo(a)pyrene
 Concen: 1.237 ng/ul
 RT: 24.515 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG058333.D
 Acq: 19 Jul 2023 18:46

Instrument :
 BNA_G
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Tgt Ion:252 Resp: 25144
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 13.3 7.7 11.5#

