

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058368.D
 Acq On : 20 Jul 2023 21:05
 Operator : CG/JU
 Sample : 03472-23
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:29:27 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

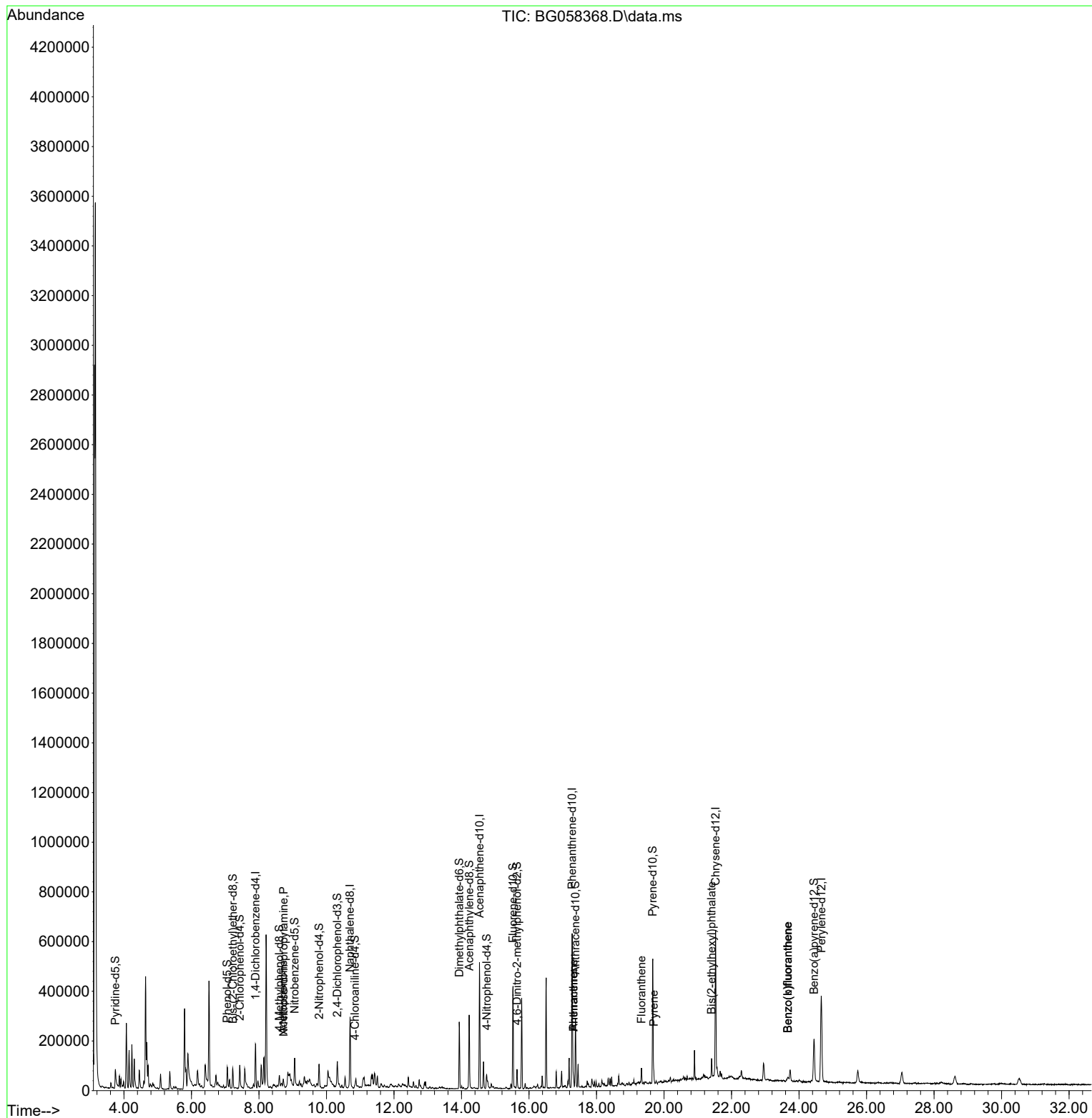
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	51697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	241887	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.532	164	178640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	401041	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	329234	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	332678	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	818	0.582	ng/uL	0.00
4) Pyridine-d5	3.745	84	37495	8.994	ng/ul	0.00
7) Phenol-d5	7.059	99	54610	11.135	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	43366	14.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	42478	12.374	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	19112	5.109	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	25782	14.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	30120	15.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	41193	10.856	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	5694	1.035	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	184794	13.415	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	206648	14.315	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	17590	8.455	ng/ul	0.00
60) Fluorene-d10	15.525	176	172978	15.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	18135	8.876	ng/ul	0.00
73) Anthracene-d10	17.376	188	174160	10.051	ng/ul	0.00
81) Pyrene-d10	19.662	212	278517	14.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.444	264	190652	11.857	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	16178	2.540	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.728	70	4208	1.207	ng/ul#	67
72) Phenanthrene	17.317	178	22364	1.173	ng/ul#	95
74) Anthracene	17.317	178	22364	1.169	ng/ul	96
80) Fluoranthene	19.333	202	38714	1.738	ng/ul	98
82) Pyrene	19.697	202	29464	1.305	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.407	149	29466	2.331	ng/ul	95
90) Benzo(b)fluoranthene	23.669	252	20665	1.074	ng/ul#	84
91) Benzo(k)fluoranthene	23.669	252	20665	1.076	ng/ul#	85

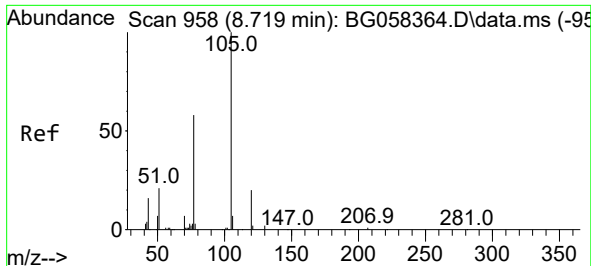
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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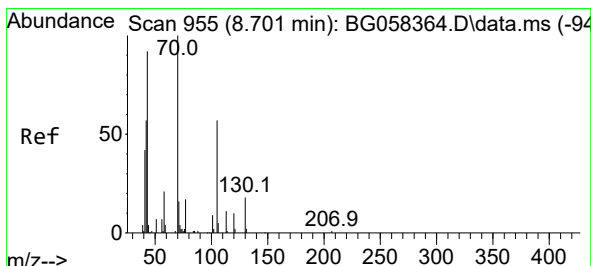
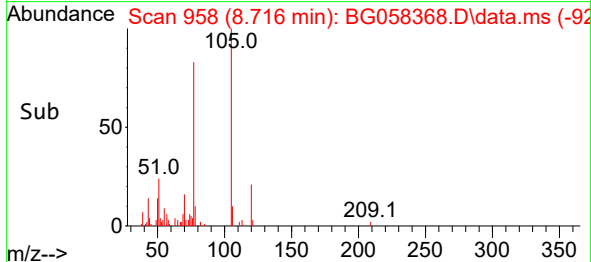
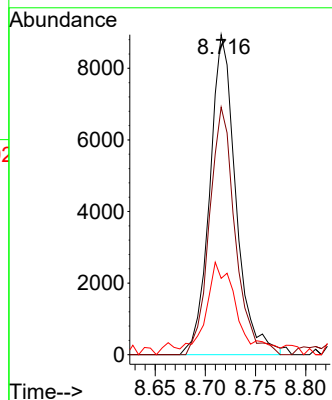
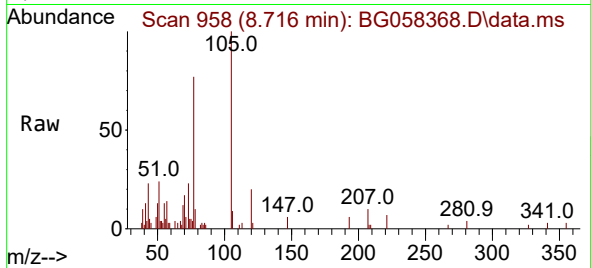




#16
Acetophenone
Concen: 2.540 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

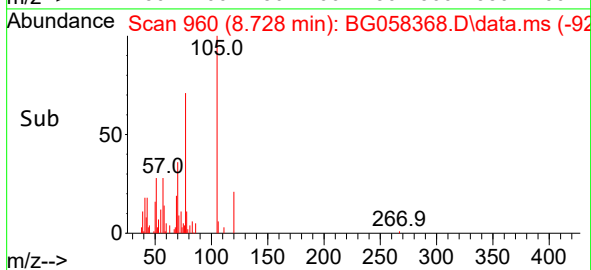
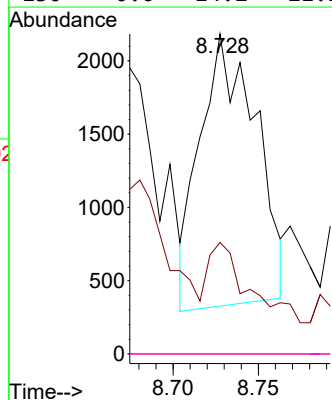
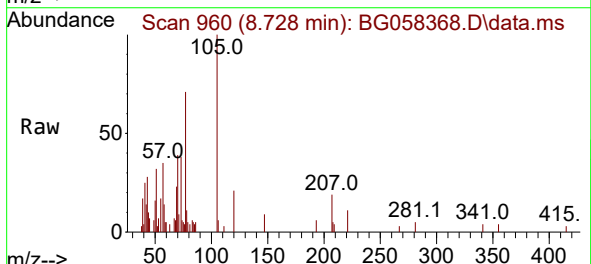
Instrument :
BNA_N
ClientSampleId :

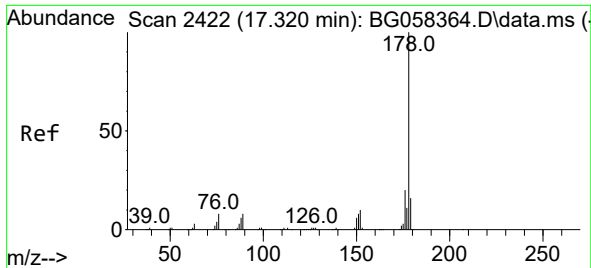
Tgt Ion:105 Resp: 16178
Ion Ratio Lower Upper
105 100
77 77.3 60.7 91.1
51 23.9 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.207 ng/ul
RT: 8.728 min Scan# 960
Delta R.T. 0.024 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

Tgt Ion: 70 Resp: 4208
Ion Ratio Lower Upper
70 100
42 34.8 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

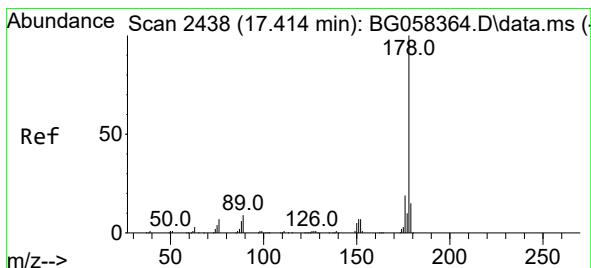
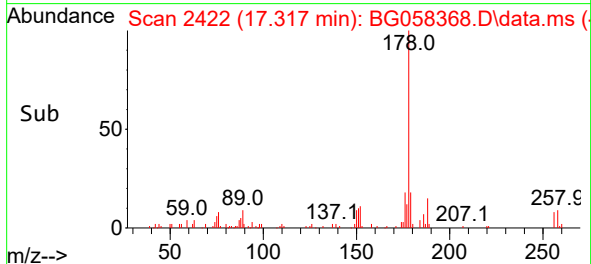
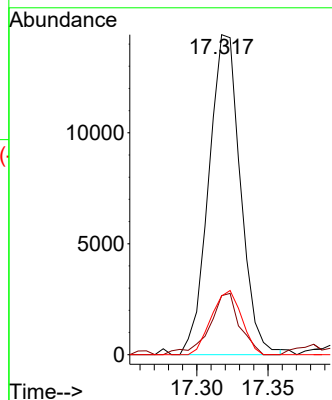
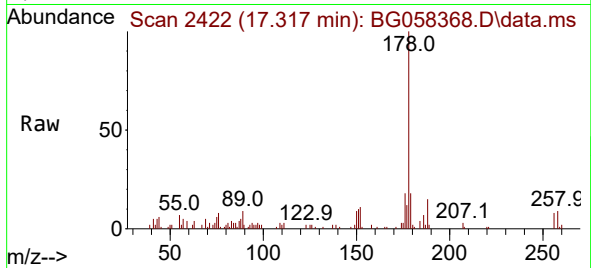




#72
Phenanthrene
Concen: 1.173 ng/ul
RT: 17.317 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

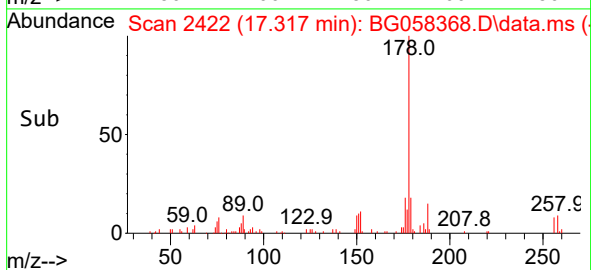
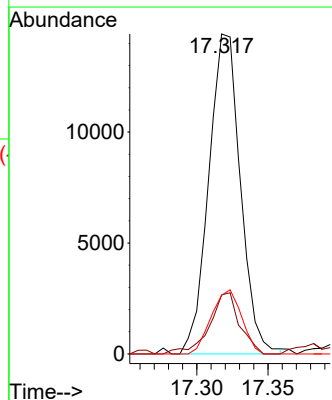
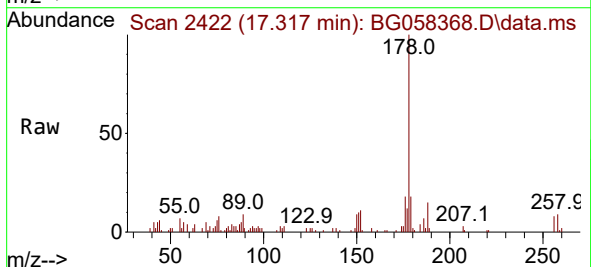
Instrument :
BNA_N
ClientSampleId :

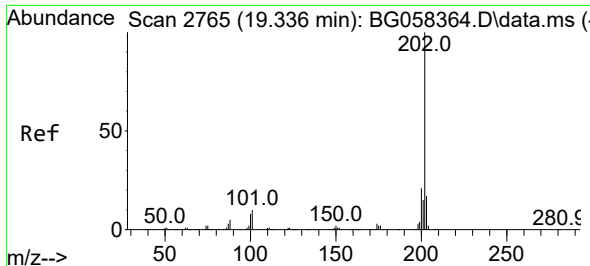
Tgt Ion:178 Resp: 22364
Ion Ratio Lower Upper
178 100
179 18.5 11.9 17.9#
176 18.4 15.8 23.8



#74
Anthracene
Concen: 1.169 ng/ul
RT: 17.317 min Scan# 2422
Delta R.T. -0.100 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

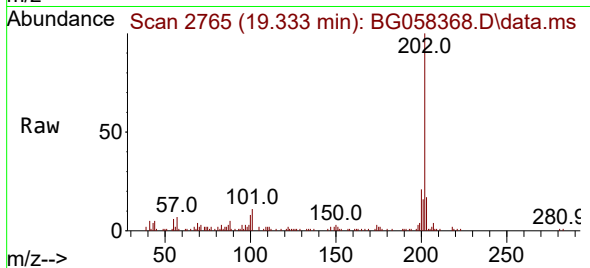
Tgt Ion:178 Resp: 22364
Ion Ratio Lower Upper
178 100
179 18.5 13.4 20.2
176 18.4 16.2 24.2



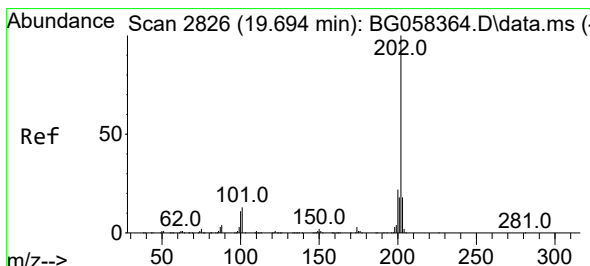
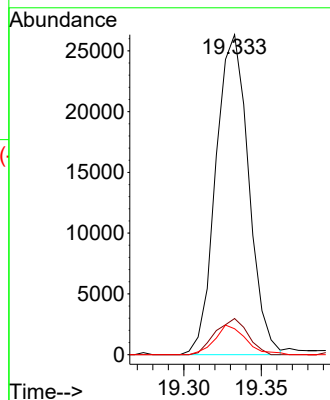
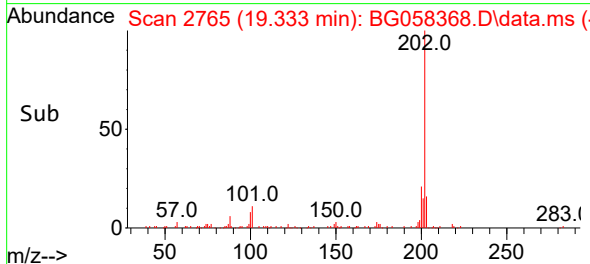


#80
Fluoranthene
Concen: 1.738 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

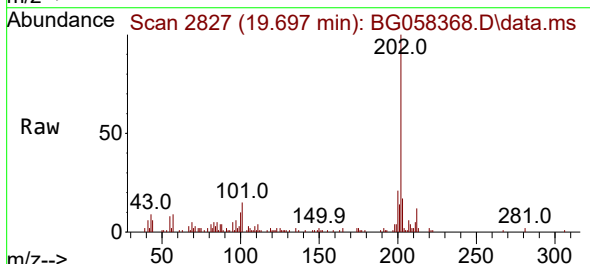
Instrument :
BNA_N
ClientSampleId :



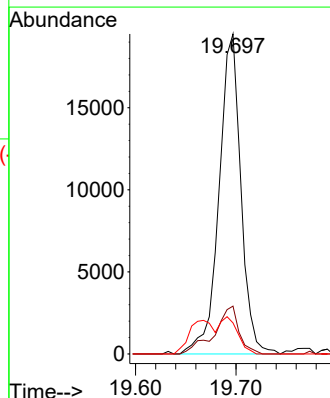
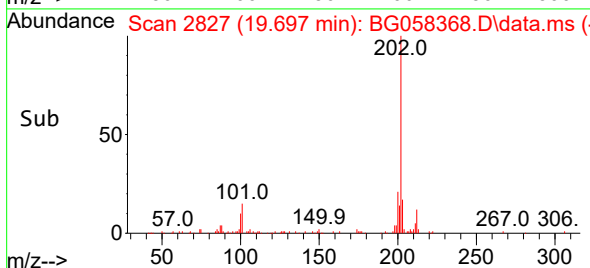
Tgt Ion:202 Resp: 38714
Ion Ratio Lower Upper
202 100
101 11.3 8.6 12.8
100 8.1 7.2 10.8

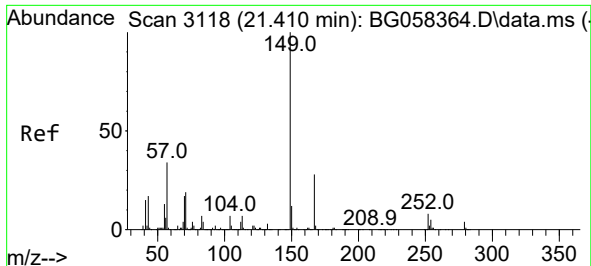


#82
Pyrene
Concen: 1.305 ng/ul
RT: 19.697 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05



Tgt Ion:202 Resp: 29464
Ion Ratio Lower Upper
202 100
101 14.9 10.2 15.2
100 9.7 8.9 13.3

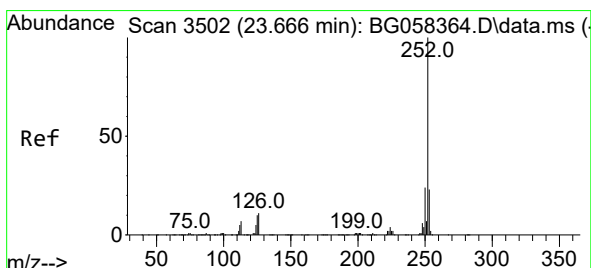
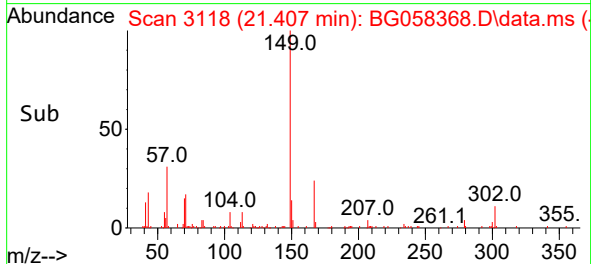
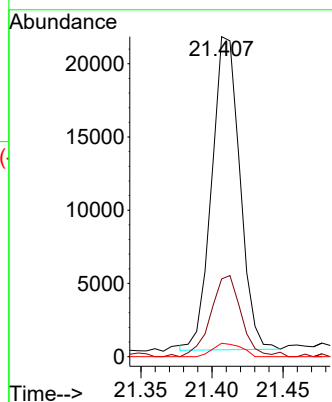
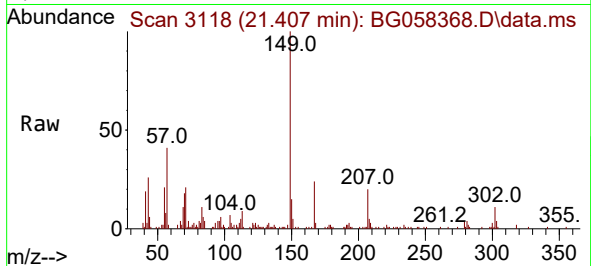




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.331 ng/ul
 RT: 21.407 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BG058368.D
 Acq: 20 Jul 2023 21:05

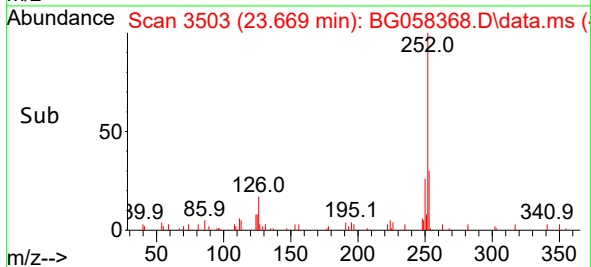
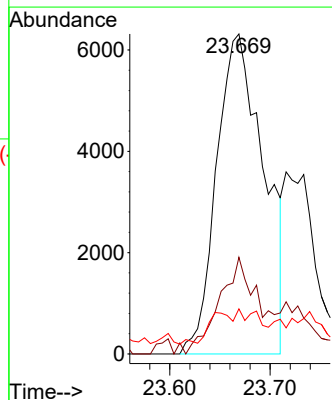
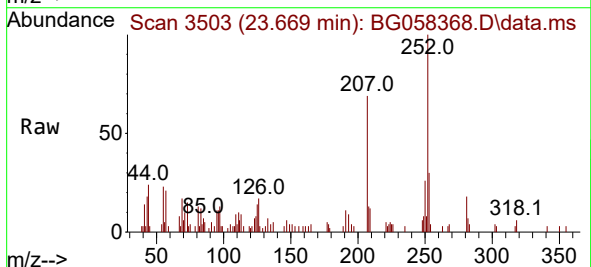
Instrument :
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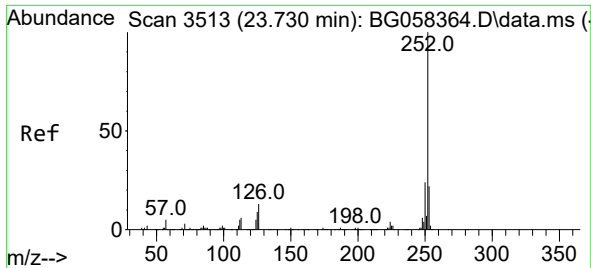
Tgt Ion:149 Resp: 29466
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.6 32.4
 279 4.2 3.0 4.4



#90
 Benzo(b)fluoranthene
 Concen: 1.074 ng/ul
 RT: 23.669 min Scan# 3503
 Delta R.T. 0.000 min
 Lab File: BG058368.D
 Acq: 20 Jul 2023 21:05

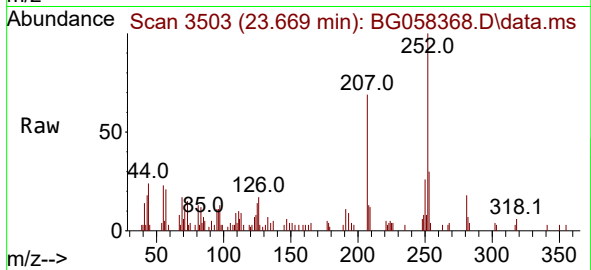
Tgt Ion:252 Resp: 20665
 Ion Ratio Lower Upper
 252 100
 253 30.2 17.9 26.9#
 125 14.1 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 1.076 ng/ul
RT: 23.669 min Scan# 31
Delta R.T. -0.064 min
Lab File: BG058368.D
Acq: 20 Jul 2023 21:05

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 20665
Ion Ratio Lower Upper
252 100
253 30.2 18.3 27.5#
125 14.1 7.4 11.0#

