

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057994.D
 Acq On : 4 Jul 2023 19:41
 Operator : CG/JU
 Sample : 03248-21
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:14:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

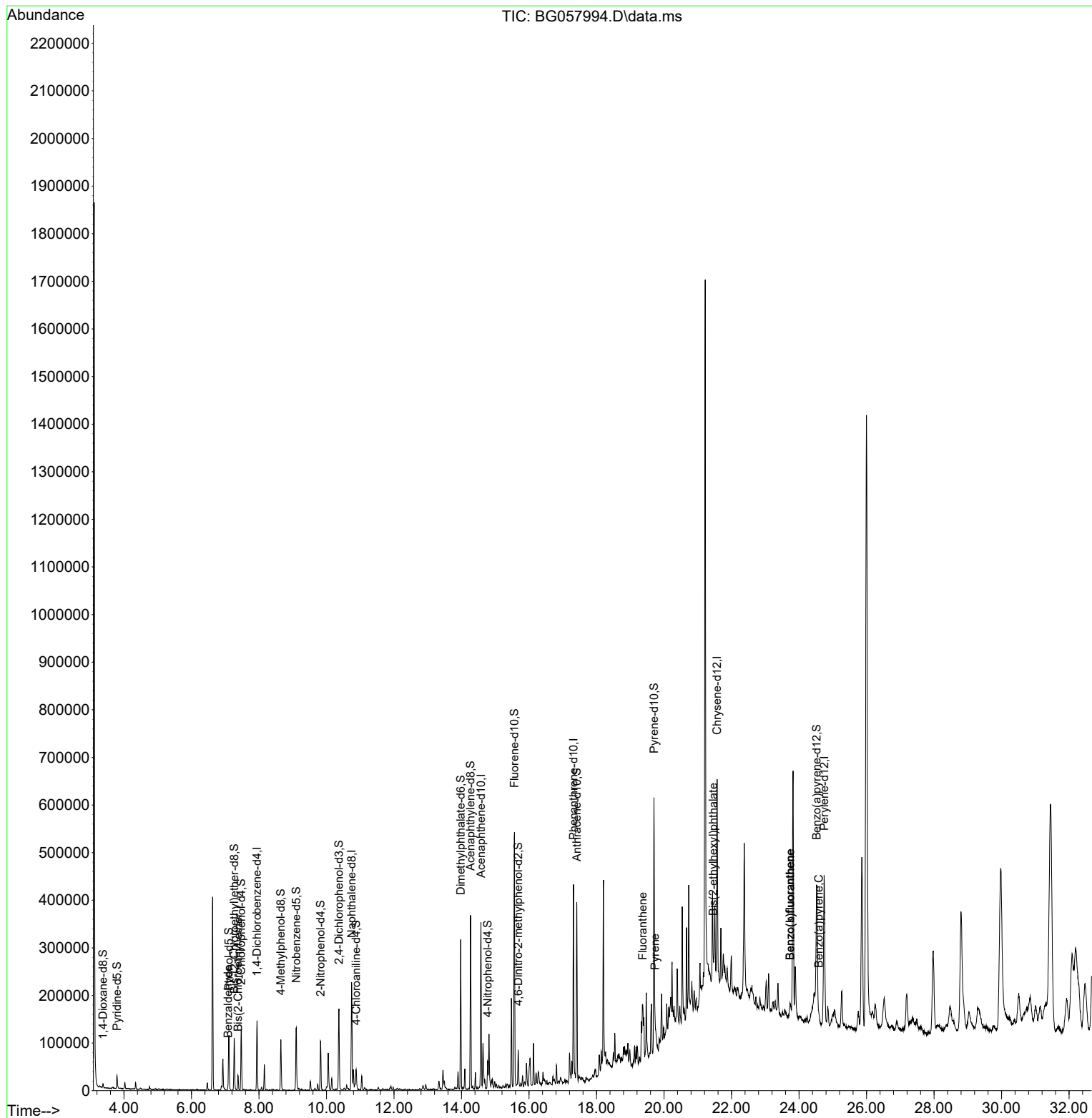
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	40955	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	188590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	125455	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	264872	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	215054	20.000	ng/ul	0.00
88) Perylene-d12	24.745	264	258191	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3838	3.282	ng/uL	0.00
4) Pyridine-d5	3.793	84	15600	4.393	ng/ul	0.00
7) Phenol-d5	7.107	99	71105	17.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	52070	20.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	61273	21.241	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	41813	13.249	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	32939	21.429	ng/ul	0.00
24) 2-Nitrophenol-d4	9.821	143	35147	21.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	63549	20.506	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	17736	3.775	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	214180	21.637	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	248264	22.984	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	16433	9.397	ng/ul	0.00
60) Fluorene-d10	15.567	176	186486	22.184	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	17186	11.949	ng/ul	0.00
73) Anthracene-d10	17.418	188	236892	19.274	ng/ul	0.00
81) Pyrene-d10	19.704	212	314172	23.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	300149	22.818	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.083	77	2138	1.531	ng/ul	87
10) Bis(2-Chloroethyl)ether	7.383	93	12718	3.881	ng/ul#	20
80) Fluoranthene	19.369	202	30138	1.920	ng/ul#	97
82) Pyrene	19.733	202	24356	1.542	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.461	149	15336	1.671	ng/ul#	76
90) Benzo(b)fluoranthene	23.740	252	28710	1.796	ng/ul#	88
91) Benzo(k)fluoranthene	23.740	252	28710	1.832	ng/ul#	88
93) Benzo(a)pyrene	24.586	252	15686	1.109	ng/ul#	85

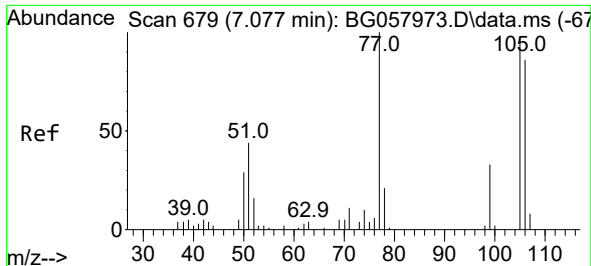
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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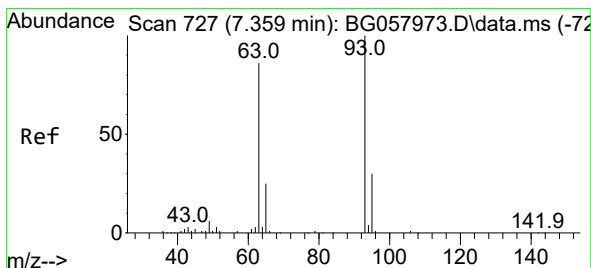
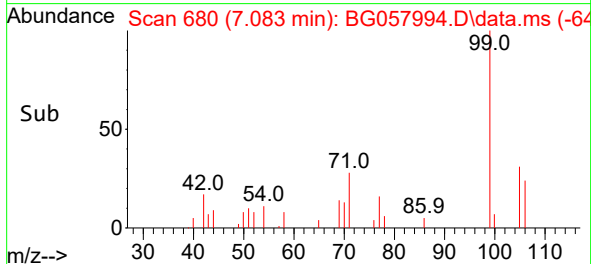
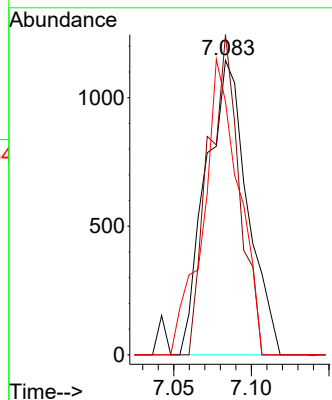
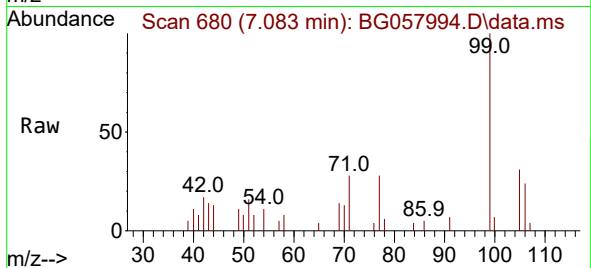




#6
Benzaldehyde
Concen: 1.531 ng/ul
RT: 7.083 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG057994.D
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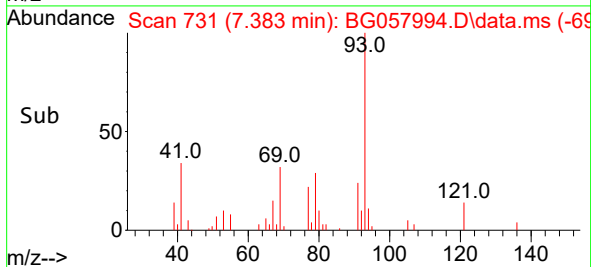
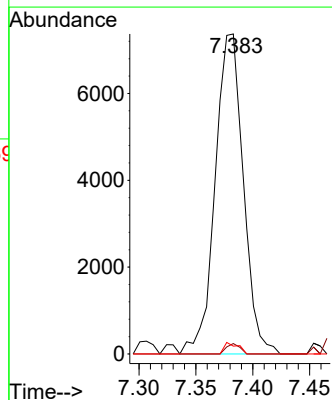
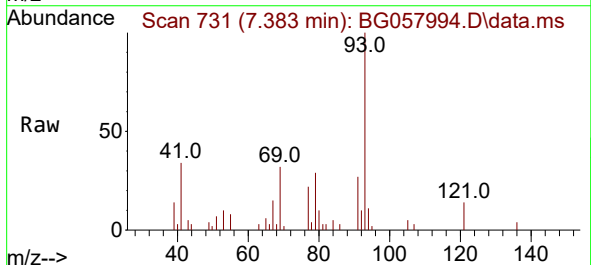
Instrument :
BNA_G
ClientSampleId :

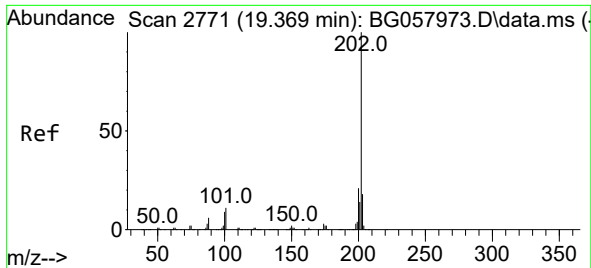
Tgt Ion: 77 Resp: 2138
Ion Ratio Lower Upper
77 100
105 108.7 74.7 112.1
106 85.9 75.9 113.9



#10
Bis(2-Chloroethyl)ether
Concen: 3.881 ng/ul
RT: 7.383 min Scan# 731
Delta R.T. 0.024 min
Lab File: BG057994.D
Acq: 4 Jul 2023 19:41

Tgt Ion: 93 Resp: 12718
Ion Ratio Lower Upper
93 100
63 3.3 69.4 104.0#
95 2.4 27.0 40.6#

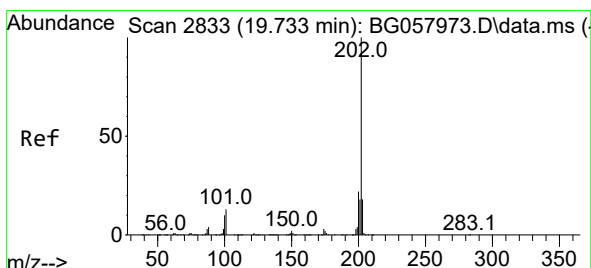
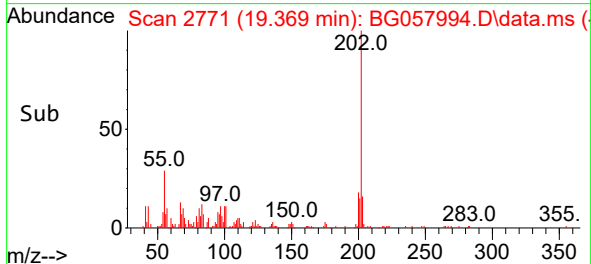
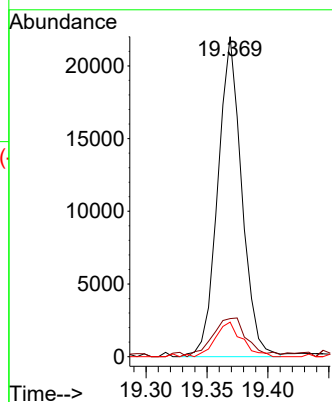
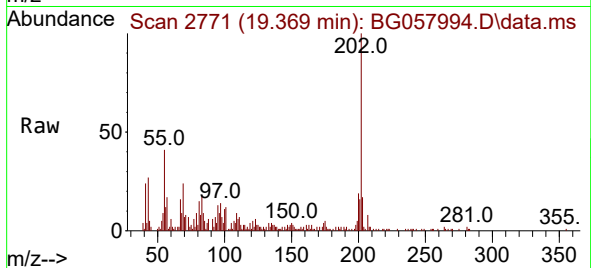




#80
Fluoranthene
Concen: 1.920 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057994.D
Acq: 4 Jul 2023 19:41

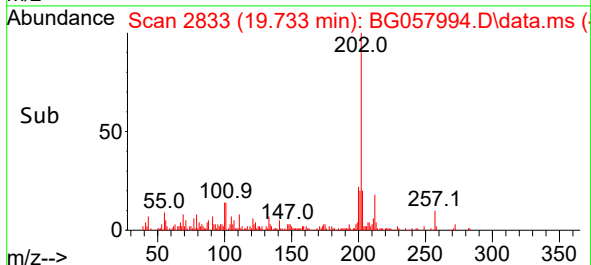
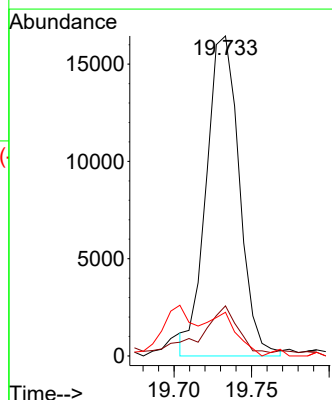
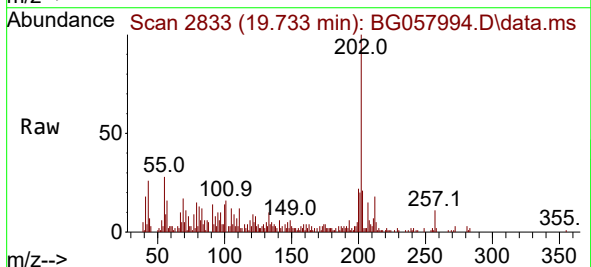
Instrument :
BNA_G
ClientSampleId :

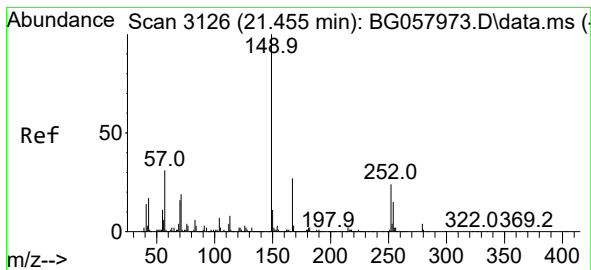
Tgt Ion:202 Resp: 30138
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 10.8 7.1 10.7#



#82
Pyrene
Concen: 1.542 ng/ul
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG057994.D
Acq: 4 Jul 2023 19:41

Tgt Ion:202 Resp: 24356
Ion Ratio Lower Upper
202 100
101 15.7 10.2 15.2#
100 13.7 8.9 13.3#

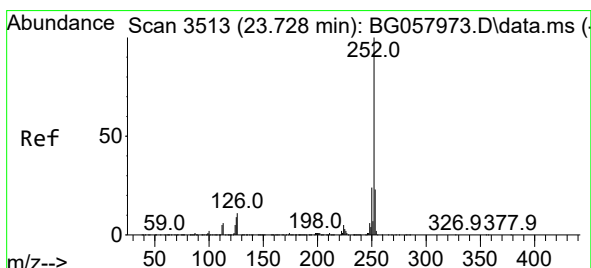
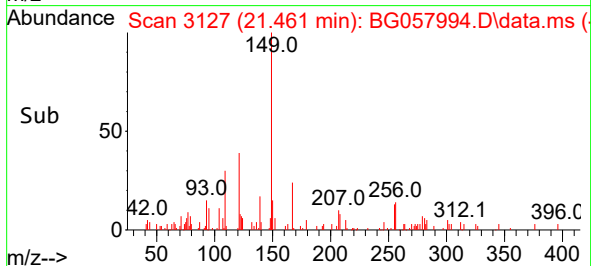
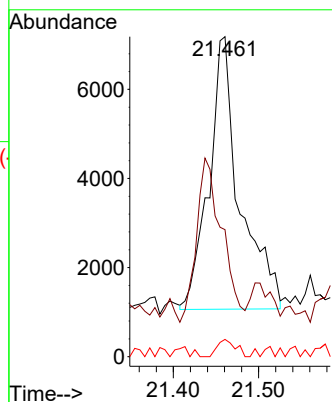
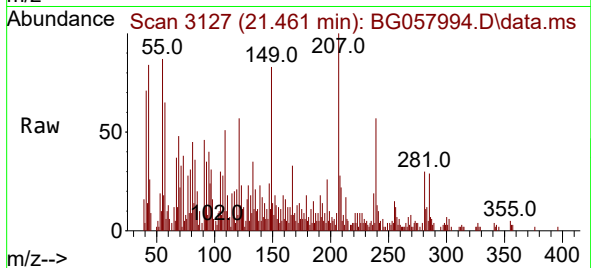




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.671 ng/ul
 RT: 21.461 min Scan# 3126
 Delta R.T. 0.006 min
 Lab File: BG057994.D
 Acq: 4 Jul 2023 19:41

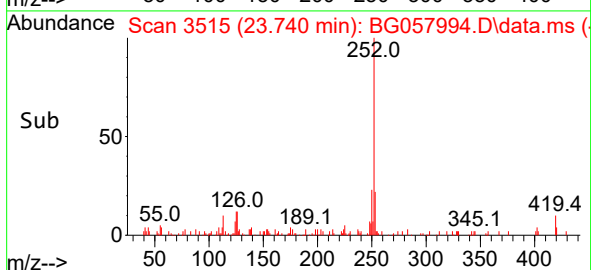
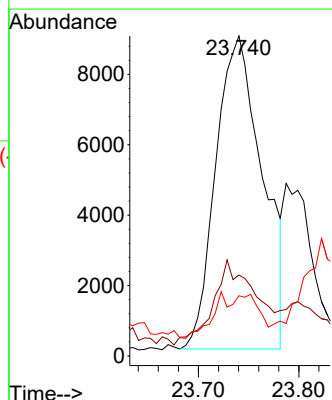
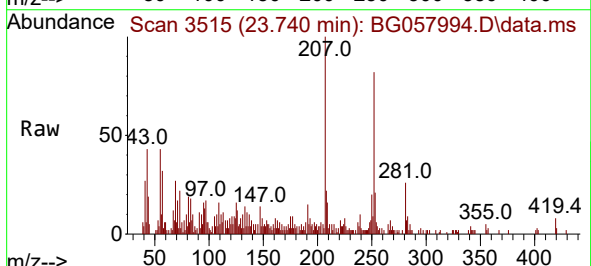
Instrument :
 BNA_G
 ClientSampleId :

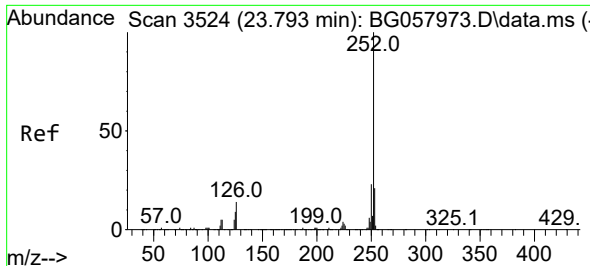
Tgt Ion:149 Resp: 15336
 Ion Ratio Lower Upper
 149 100
 167 39.7 20.9 31.3#
 279 5.4 3.1 4.7#



#90
 Benzo(b)fluoranthene
 Concen: 1.796 ng/ul
 RT: 23.740 min Scan# 3515
 Delta R.T. 0.012 min
 Lab File: BG057994.D
 Acq: 4 Jul 2023 19:41

Tgt Ion:252 Resp: 28710
 Ion Ratio Lower Upper
 252 100
 253 25.3 18.1 27.1
 125 18.8 7.5 11.3#

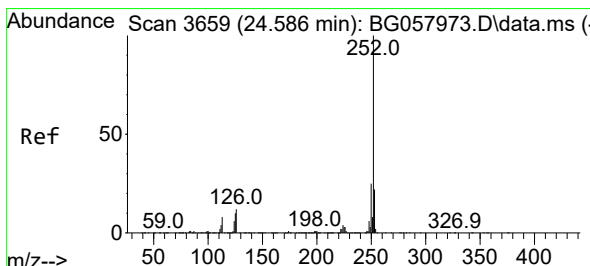
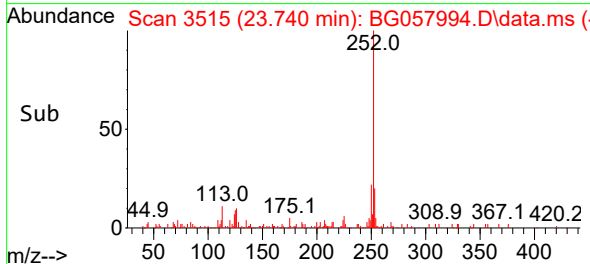
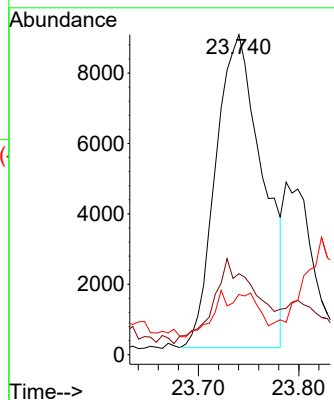
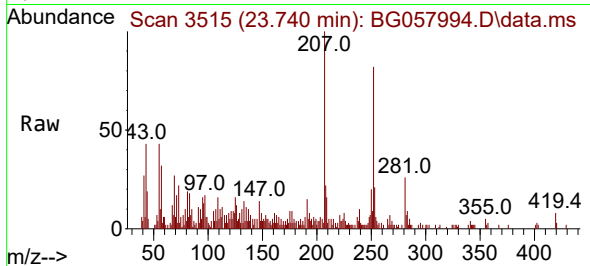




#91
Benzo(k)fluoranthene
Concen: 1.832 ng/ul
RT: 23.740 min Scan# 3515
Delta R.T. -0.053 min
Lab File: BG057994.D
Acq: 4 Jul 2023 19:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 28710
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 18.8 7.4 11.2#



#93
Benzo(a)pyrene
Concen: 1.109 ng/ul
RT: 24.586 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BG057994.D
Acq: 4 Jul 2023 19:41

Tgt Ion:252 Resp: 15686
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 25.4 8.3 12.5#

