

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058308.D
 Acq On : 18 Jul 2023 19:50
 Operator : CG/JU
 Sample : 03644-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:17:46 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	7.896	152	38756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	173023	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	127433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	297989	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	252923	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	303248	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1362	1.293	ng/uL	0.00
4) Pyridine-d5	3.766	84	2681	0.858	ng/ul	0.01
7) Phenol-d5	7.062	99	34014	9.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	20338	8.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	24044	9.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	20211	7.207	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	11368	8.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	13727	9.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	26508	9.767	ng/ul	0.00
31) 4-Chloroaniline-d4	10.705	131	90	0.023	ng/ul	-0.13
46) Dimethylphthalate-d6	13.936	166	99066	10.081	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	105211	10.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.735	143	10939	7.371	ng/ul	0.00
60) Fluorene-d10	15.528	176	91874	11.293	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	11198	7.376	ng/ul	0.00
73) Anthracene-d10	17.379	188	128394	9.972	ng/ul	0.00
81) Pyrene-d10	19.665	212	177222	11.863	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.441	264	149249	10.183	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.038	77	2455	1.653	ng/ul	92
8) Phenol	7.091	94	6817	1.785	ng/ul	97
16) Acetophenone	8.719	105	42075	8.810	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.730	70	6612	2.530	ng/ul#	62
72) Phenanthrene	17.320	178	125391	8.855	ng/ul	99
74) Anthracene	17.414	178	24664	1.735	ng/ul	95
80) Fluoranthene	19.330	202	229183	13.392	ng/ul	98
82) Pyrene	19.694	202	215402	12.422	ng/ul	99
85) Benzo(a)anthracene	21.510	228	96472	5.675	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	49079	5.053	ng/ul	99
87) Chrysene	21.574	228	98625	6.116	ng/ul	98
90) Benzo(b)fluoranthene	23.666	252	117822	6.715	ng/ul#	98
91) Benzo(k)fluoranthene	23.666	252	117822	6.733	ng/ul	98
93) Benzo(a)pyrene	24.512	252	73976	4.740	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.214	276	55196	2.684	ng/ul	95
96) Benzo(g,h,i)perylene	29.330	276	55567	3.317	ng/ul	97

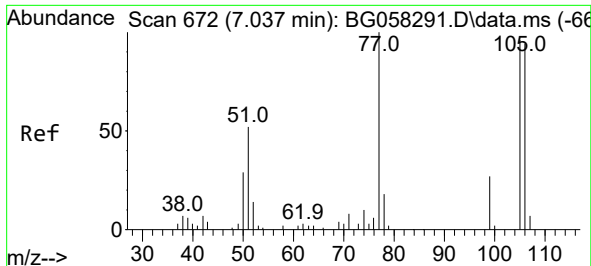
(#) = qualifier out of range (m) = manual integration (+) = signals summed

BNA M

ClientSampleId :

TIC: BG058308.D\data.ms

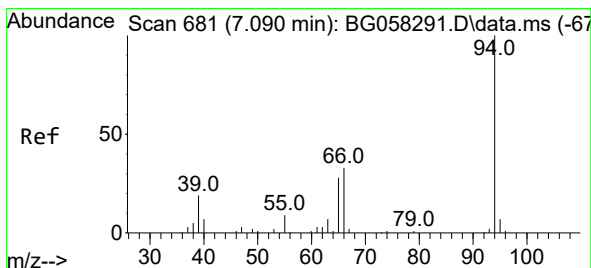
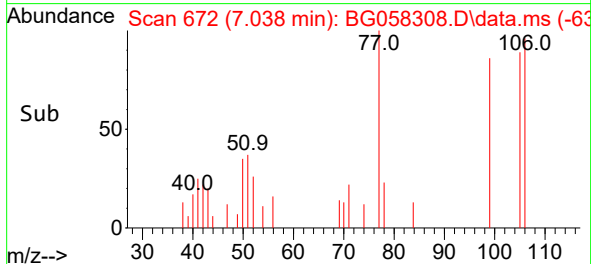
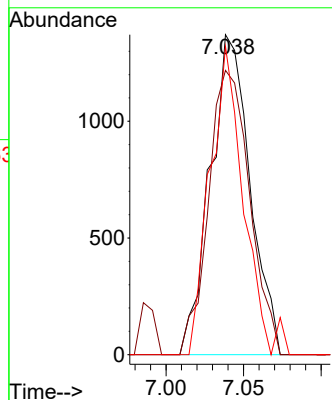
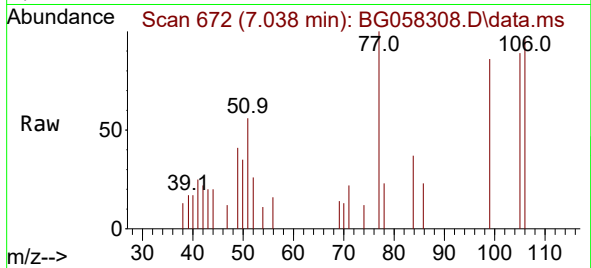
Retention Time (min)	Chemical Name
4.00	1,4-Dioxane-d8, S
6.00	1,4-Dioxane-d8, S
7.00	1,4-Dioxane-d8, S
7.50	1,4-Dioxane-d8, S
8.00	1,4-Dioxane-d8, S
8.50	1,4-Dioxane-d8, S
9.00	1,4-Dioxane-d8, S
9.50	1,4-Dioxane-d8, S
10.00	1,4-Dioxane-d8, S
10.50	1,4-Dioxane-d8, S
11.00	1,4-Dioxane-d8, S
11.50	1,4-Dioxane-d8, S
12.00	1,4-Dioxane-d8, S
12.50	1,4-Dioxane-d8, S
13.00	1,4-Dioxane-d8, S
13.50	1,4-Dioxane-d8, S
14.00	1,4-Dioxane-d8, S
14.50	1,4-Dioxane-d8, S
15.00	1,4-Dioxane-d8, S
15.50	1,4-Dioxane-d8, S
16.00	1,4-Dioxane-d8, S
16.50	1,4-Dioxane-d8, S
17.00	1,4-Dioxane-d8, S
17.50	1,4-Dioxane-d8, S
18.00	1,4-Dioxane-d8, S
18.50	1,4-Dioxane-d8, S
19.00	1,4-Dioxane-d8, S
19.50	1,4-Dioxane-d8, S
20.00	1,4-Dioxane-d8, S
20.50	1,4-Dioxane-d8, S
21.00	1,4-Dioxane-d8, S
21.50	1,4-Dioxane-d8, S
22.00	1,4-Dioxane-d8, S
22.50	1,4-Dioxane-d8, S
23.00	1,4-Dioxane-d8, S
23.50	1,4-Dioxane-d8, S
24.00	1,4-Dioxane-d8, S
24.50	1,4-Dioxane-d8, S
25.00	1,4-Dioxane-d8, S
25.50	1,4-Dioxane-d8, S
26.00	1,4-Dioxane-d8, S
26.50	1,4-Dioxane-d8, S
27.00	1,4-Dioxane-d8, S
27.50	1,4-Dioxane-d8, S
28.00	1,4-Dioxane-d8, S
28.50	1,4-Dioxane-d8, S
29.00	1,4-Dioxane-d8, S
29.50	1,4-Dioxane-d8, S
30.00	1,4-Dioxane-d8, S
30.50	1,4-Dioxane-d8, S
31.00	1,4-Dioxane-d8, S
31.50	1,4-Dioxane-d8, S
32.00	1,4-Dioxane-d8, S



#6
Benzaldehyde
Concen: 1.653 ng/ul
RT: 7.038 min Scan# 672
Delta R.T. 0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

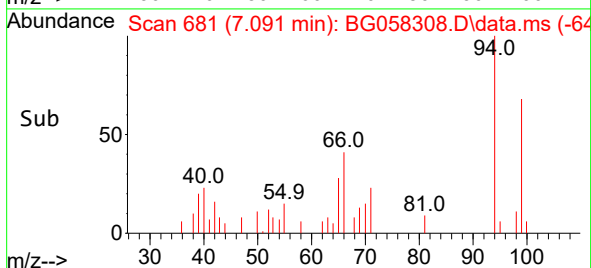
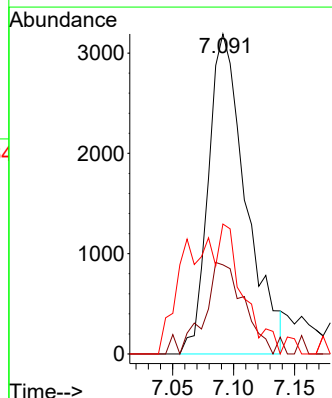
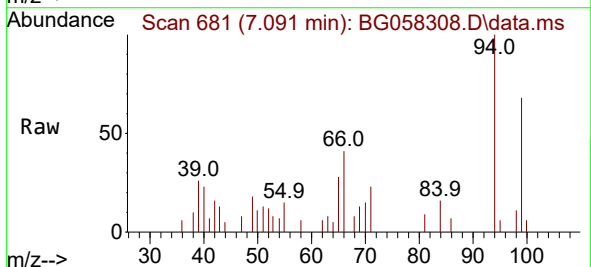
Instrument :
BNA_M
ClientSampleId :

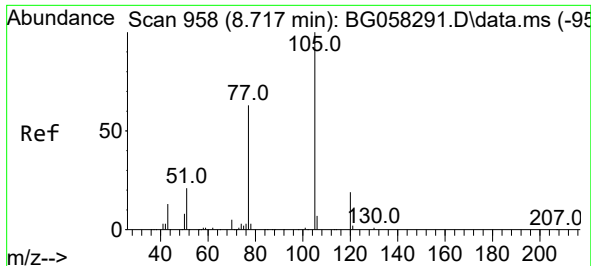
Tgt Ion: 77	Resp: 2455
Ion Ratio	Lower Upper
77 100	
105 88.8	78.2 117.4
106 96.4	71.6 107.4



#8
Phenol
Concen: 1.785 ng/ul
RT: 7.091 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion: 94	Resp: 6817
Ion Ratio	Lower Upper
94 100	
65 27.9	23.8 35.8
66 40.6	31.2 46.8

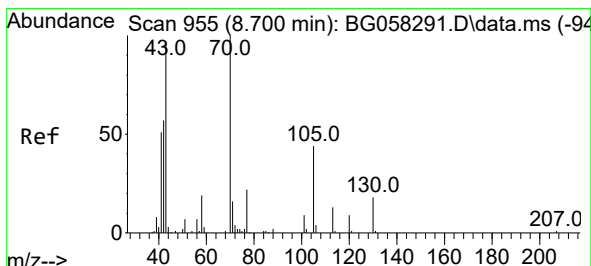
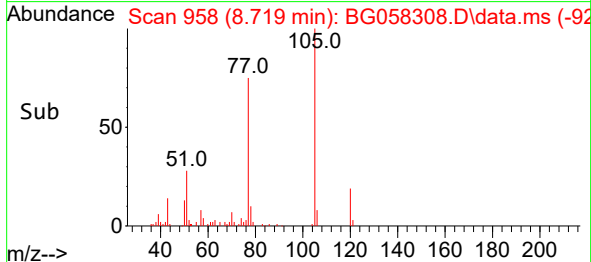
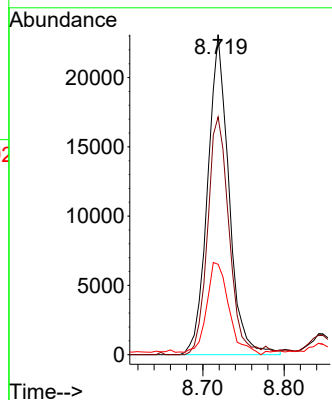
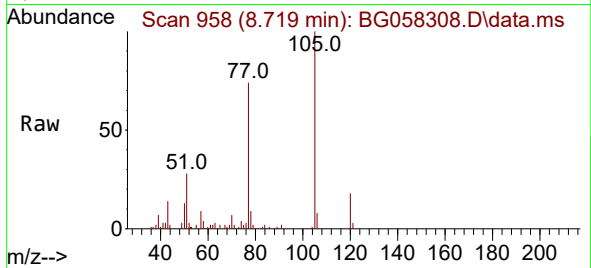




#16
Acetophenone
Concen: 8.810 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

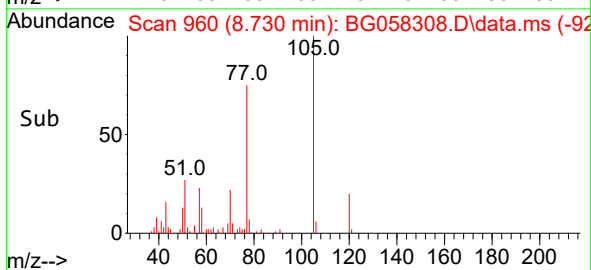
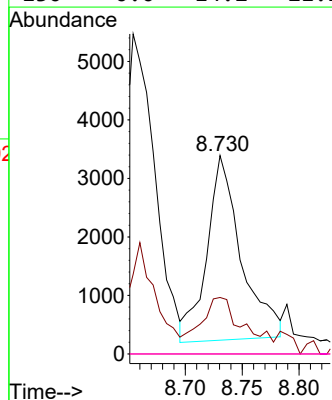
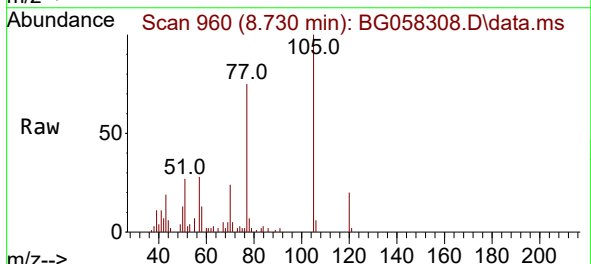
Instrument :
BNA_M
ClientSampleId :

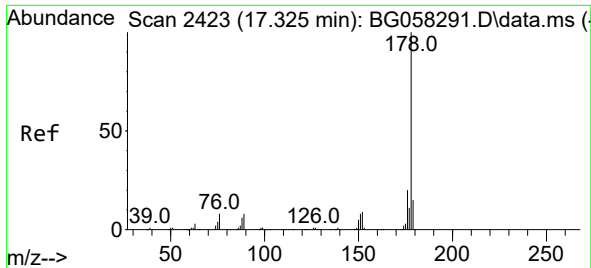
Tgt Ion:105 Resp: 42075
Ion Ratio Lower Upper
105 100
77 74.3 60.7 91.1
51 28.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 2.530 ng/ul
RT: 8.730 min Scan# 960
Delta R.T. 0.027 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion: 70 Resp: 6612
Ion Ratio Lower Upper
70 100
42 28.5 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

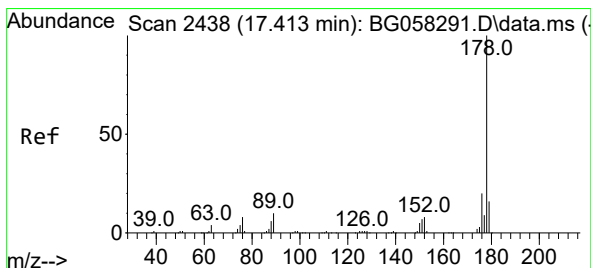
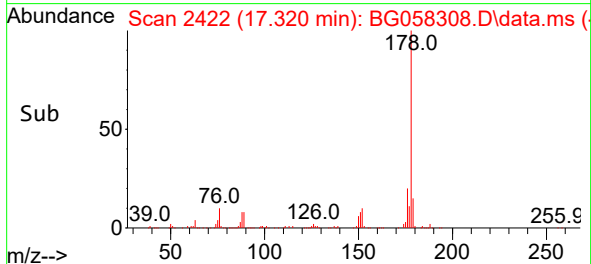
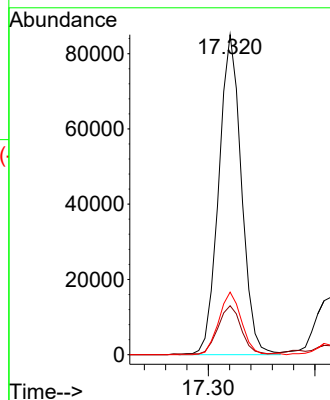
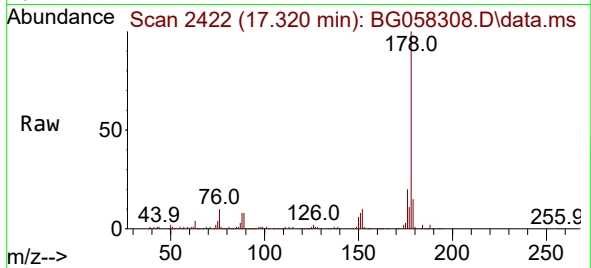




#72
Phenanthrene
Concen: 8.855 ng/ul
RT: 17.320 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

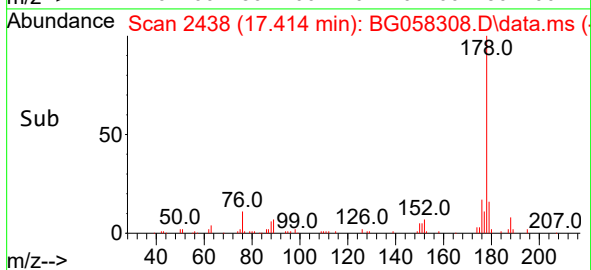
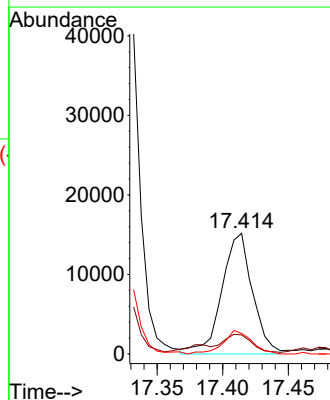
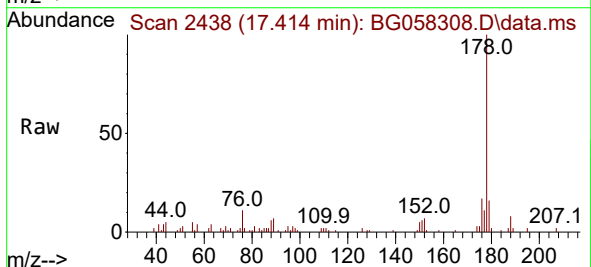
Instrument :
BNA_M
ClientSampleId :

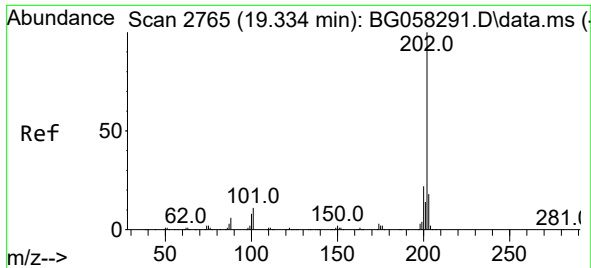
Tgt Ion:178 Resp: 125391
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 19.6 15.8 23.8



#74
Anthracene
Concen: 1.735 ng/ul
RT: 17.414 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion:178 Resp: 24664
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 17.0 16.2 24.2

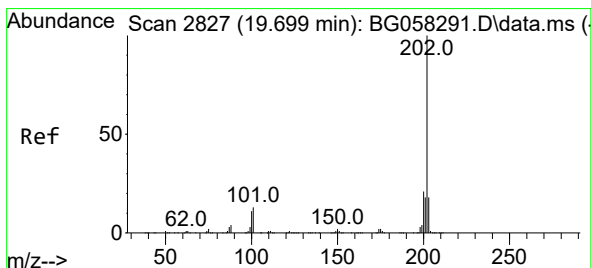
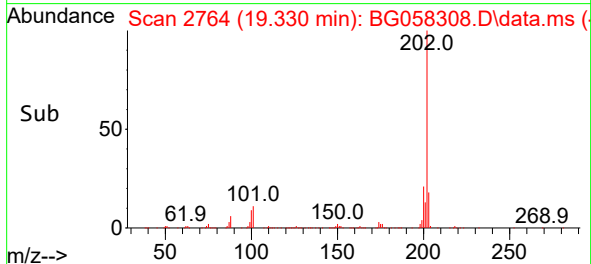
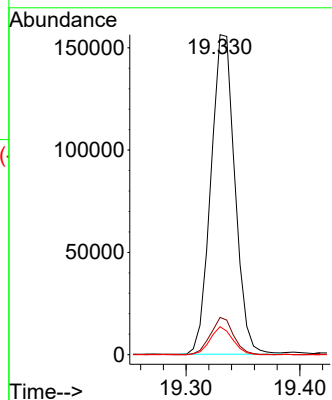
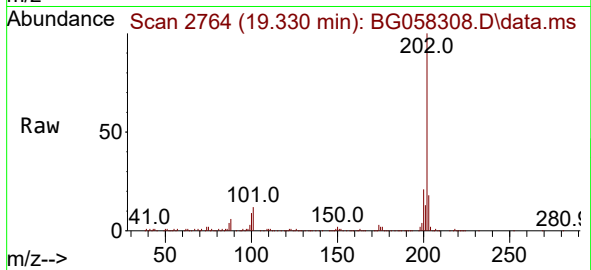




#80
Fluoranthene
Concen: 13.392 ng/ul
RT: 19.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

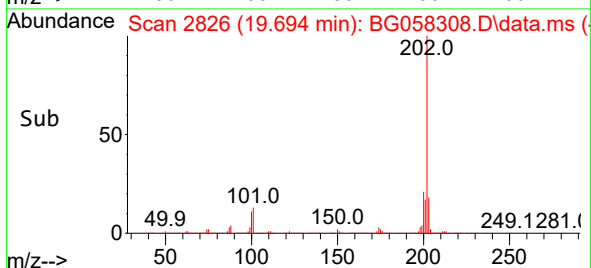
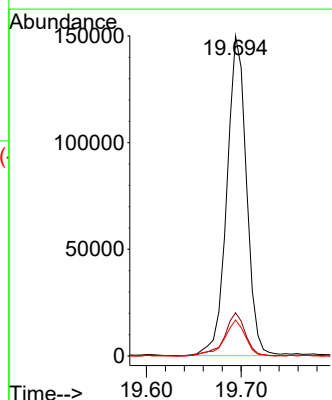
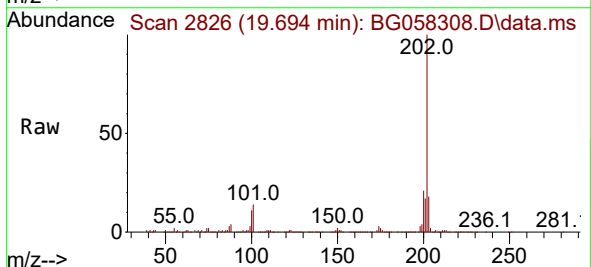
Instrument :
BNA_M
ClientSampleId :

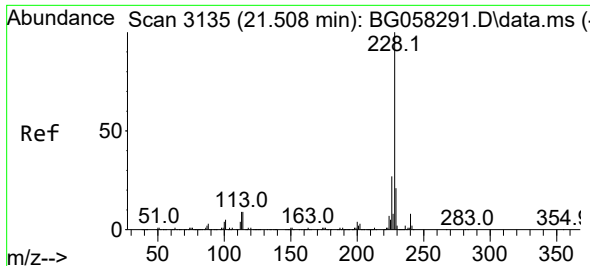
Tgt Ion:202 Resp: 229183
Ion Ratio Lower Upper
202 100
101 11.7 8.6 12.8
100 8.8 7.2 10.8



#82
Pyrene
Concen: 12.422 ng/ul
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

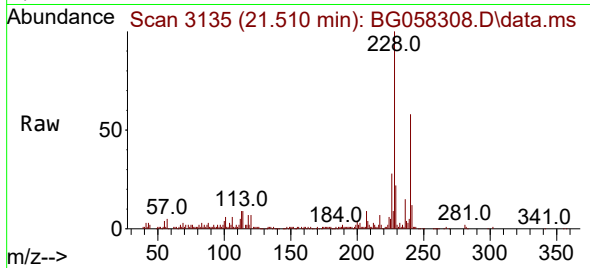
Tgt Ion:202 Resp: 215402
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 11.3 8.9 13.3



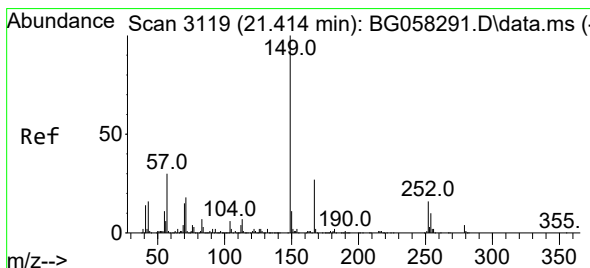
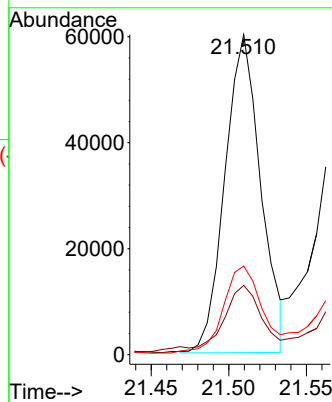
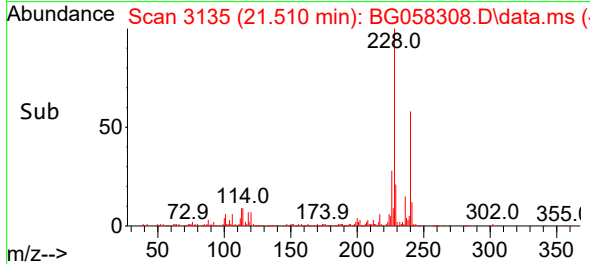


#85
Benzo(a)anthracene
Concen: 5.675 ng/ul
RT: 21.510 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Instrument :
BNA_M
ClientSampleId :

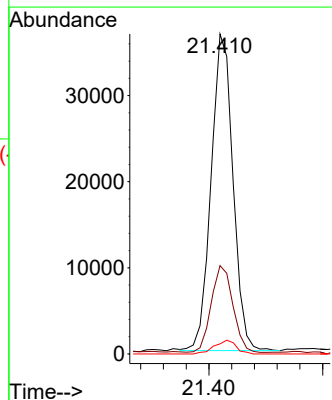
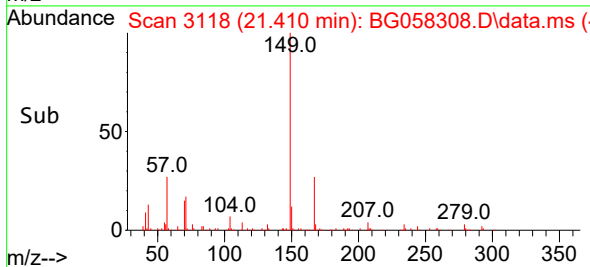
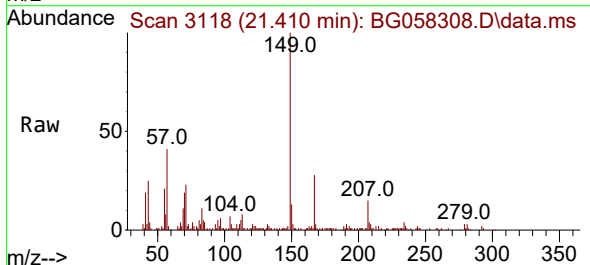


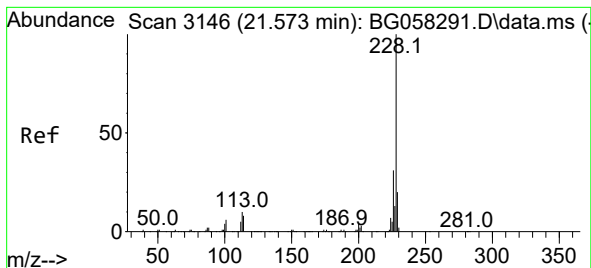
Tgt Ion:228 Resp: 96472
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 27.7 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.053 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion:149 Resp: 49079
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 3.2 3.0 4.4





#87

Chrysene

Concen: 6.116 ng/ul

RT: 21.574 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BG058308.D

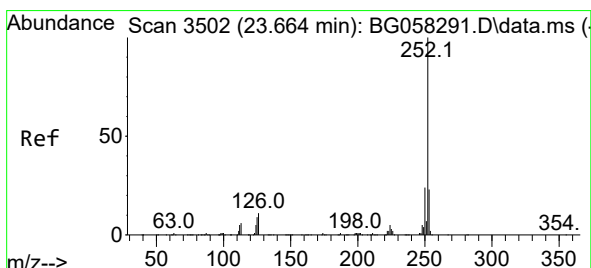
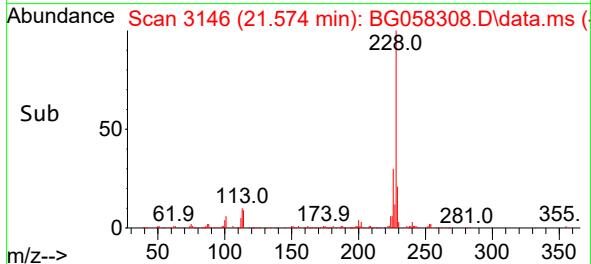
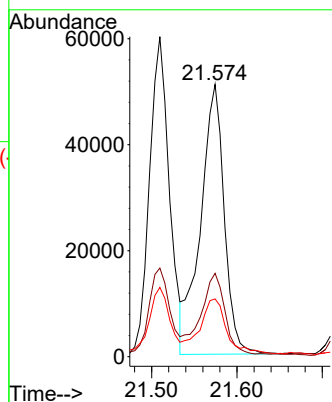
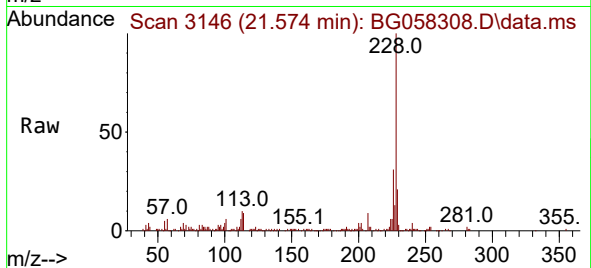
Acq: 18 Jul 2023 19:50

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:228	Resp:	98625
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.0 36.0
229	21.2	15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 6.715 ng/ul

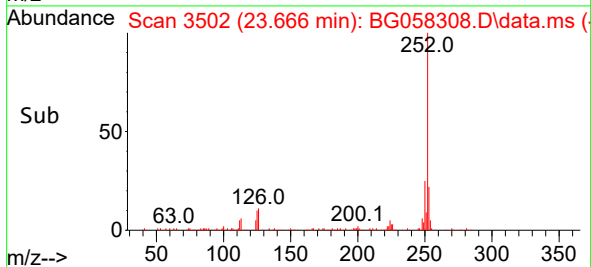
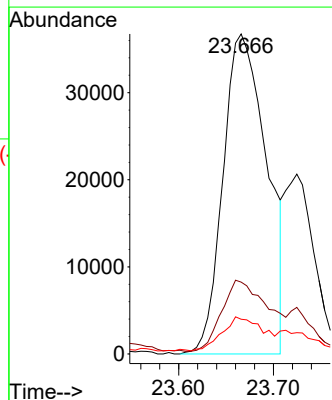
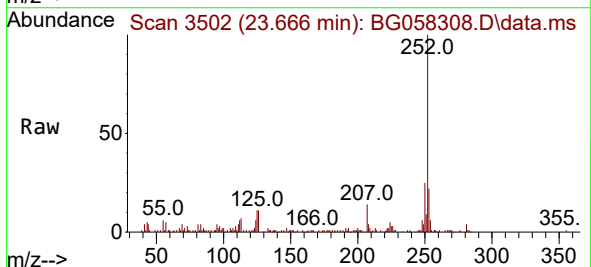
RT: 23.666 min Scan# 3502

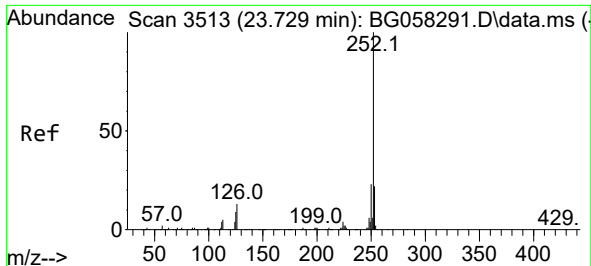
Delta R.T. -0.003 min

Lab File: BG058308.D

Acq: 18 Jul 2023 19:50

Tgt Ion:252	Resp:	117822
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.9 26.9
125	10.9	6.7 10.1

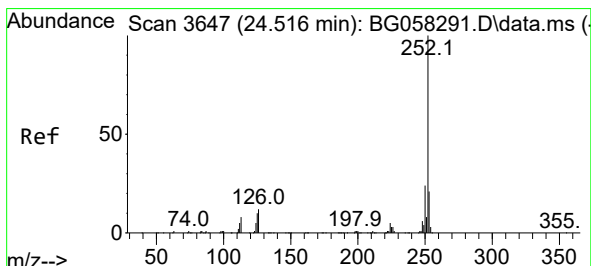
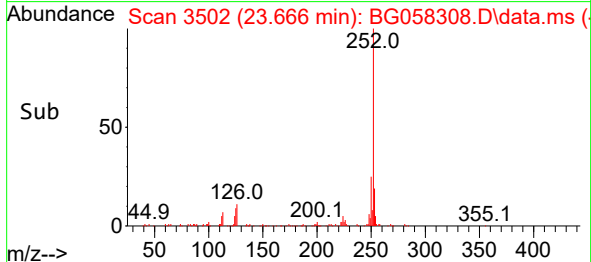
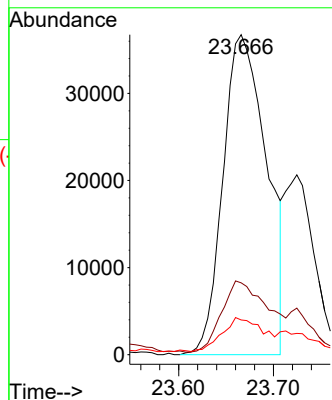
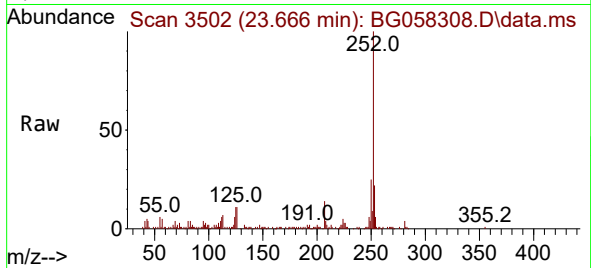




#91
Benzo(k)fluoranthene
Concen: 6.733 ng/ul
RT: 23.666 min Scan# 3513
Delta R.T. -0.067 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

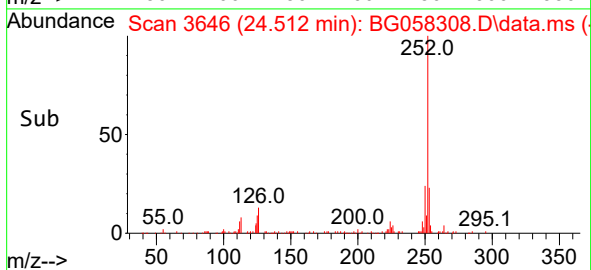
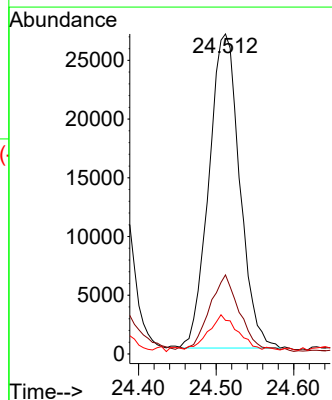
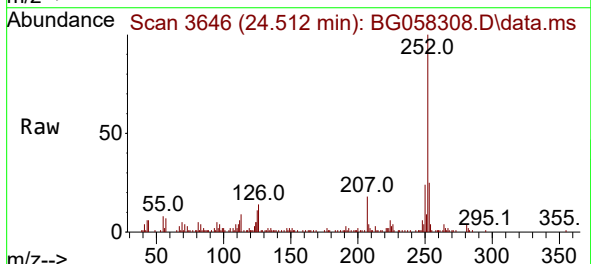
Instrument :
BNA_M
ClientSampleId :

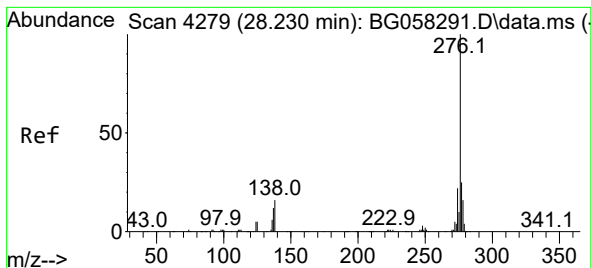
Tgt Ion:252 Resp: 117822
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 10.9 7.4 11.0



#93
Benzo(a)pyrene
Concen: 4.740 ng/ul
RT: 24.512 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion:252 Resp: 73976
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 10.5 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.684 ng/ul

RT: 28.214 min Scan# 41

Delta R.T. -0.014 min

Lab File: BG058308.D

Acq: 18 Jul 2023 19:50

Instrument :

BNA_M

ClientSampleId :

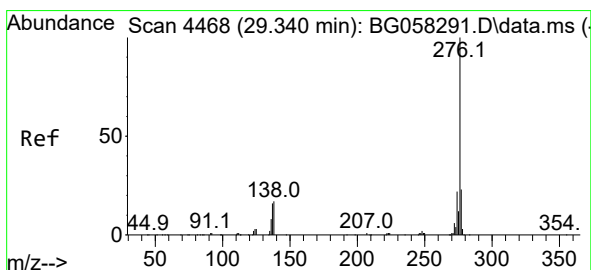
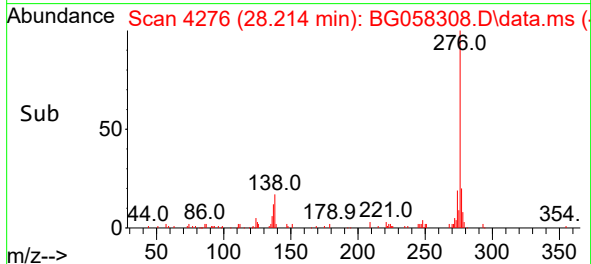
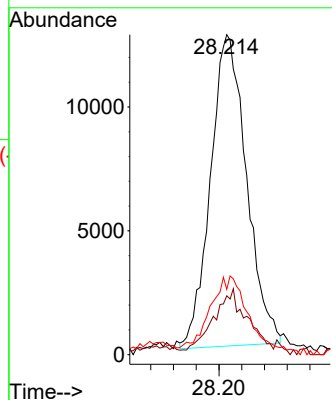
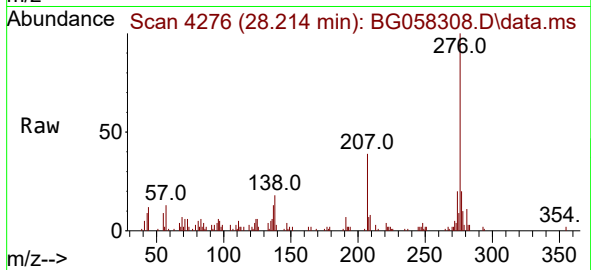
Tgt Ion:276 Resp: 55196

Ion Ratio Lower Upper

276 100

138 18.4 13.8 20.6

277 20.5 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 3.317 ng/ul

RT: 29.330 min Scan# 4466

Delta R.T. -0.020 min

Lab File: BG058308.D

Acq: 18 Jul 2023 19:50

Tgt Ion:276 Resp: 55567

Ion Ratio Lower Upper

276 100

138 17.0 13.5 20.3

277 26.4 19.4 29.2

