

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058314.D
 Acq On : 18 Jul 2023 23:59
 Operator : CG/JU
 Sample : 03644-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:18:57 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

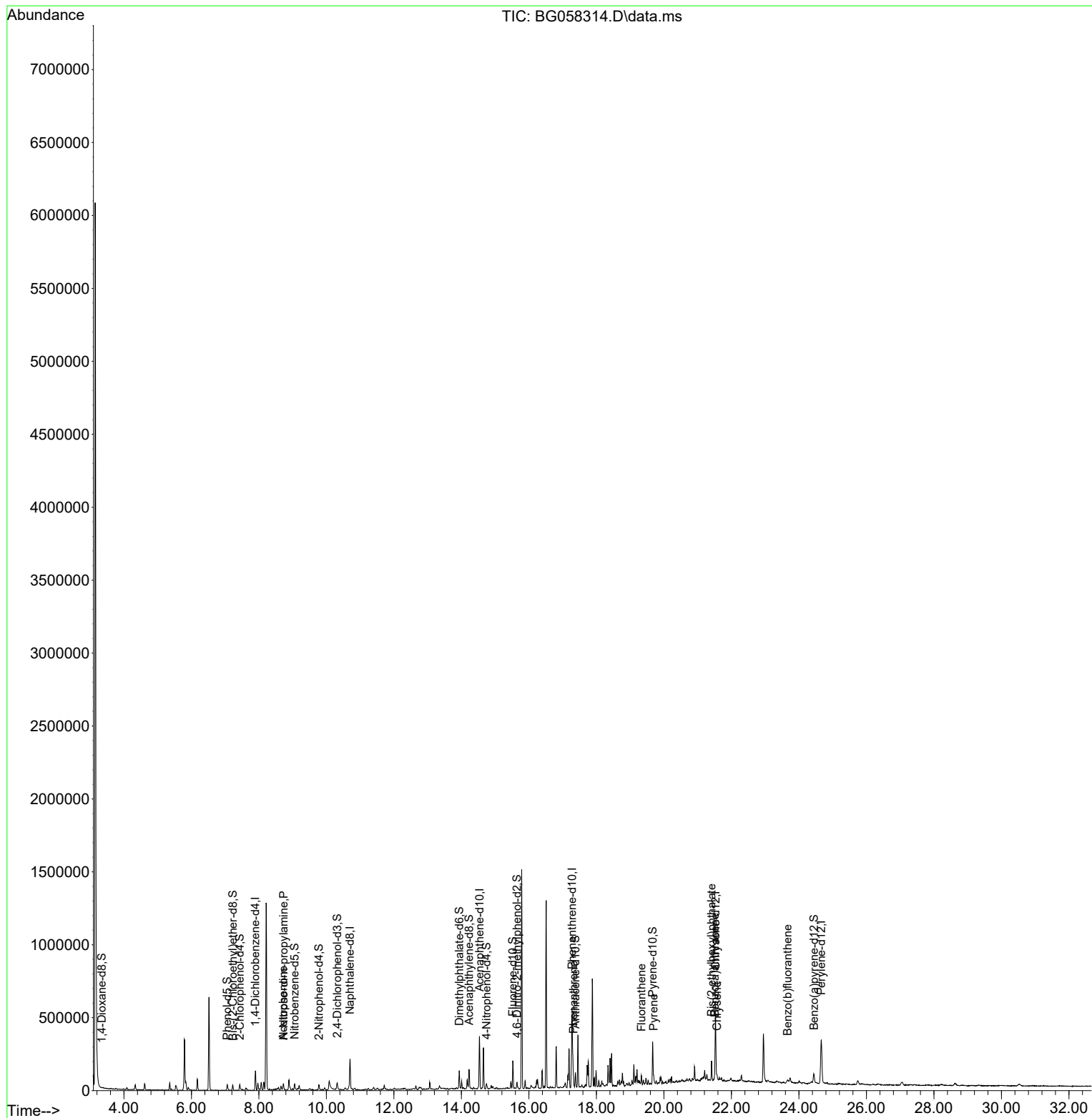
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	37679	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	174977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	133492	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	317816	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	264858	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	303633	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1296	1.266	ng/uL	0.00
4) Pyridine-d5	3.760	84	2957	0.973	ng/ul	0.00
7) Phenol-d5	7.062	99	23984	6.710	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	18263	8.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	17875	7.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	1081	0.396	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	10306	7.858	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	11576	8.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	15909	5.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	122	0.031	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	84459	8.205	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	88948	8.245	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	9014	5.798	ng/ul	0.00
60) Fluorene-d10	15.522	176	79743	9.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	9621	5.942	ng/ul	0.00
73) Anthracene-d10	17.379	188	63219	4.604	ng/ul	0.00
81) Pyrene-d10	19.665	212	159644	10.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.447	264	63277	4.312	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	18313	3.944	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.730	70	7549	2.971	ng/ul#	60
72) Phenanthrene	17.320	178	27596	1.827	ng/ul	94
80) Fluoranthene	19.336	202	37468	2.091	ng/ul	100
82) Pyrene	19.694	202	35949	1.980	ng/ul	97
85) Benzo(a)anthracene	21.510	228	18153	1.020	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	50935	5.008	ng/ul	98
87) Chrysene	21.574	228	17482	1.035	ng/ul	92
90) Benzo(b)fluoranthene	23.666	252	24423	1.390	ng/ul#	93

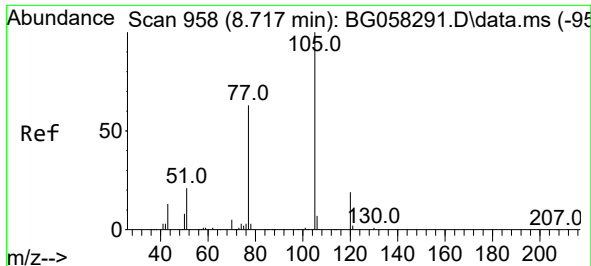
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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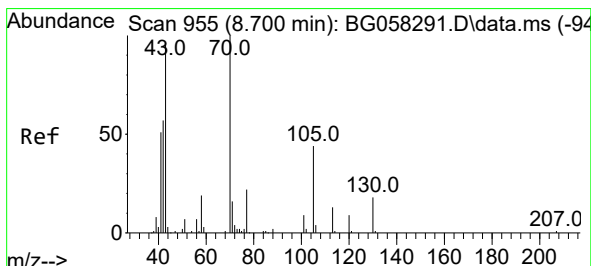
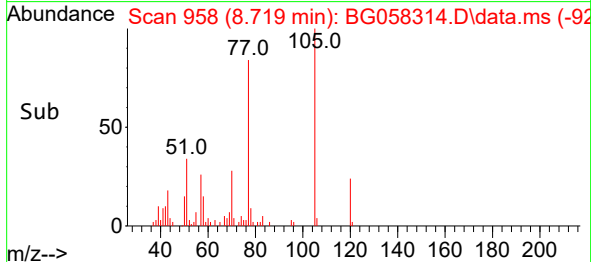
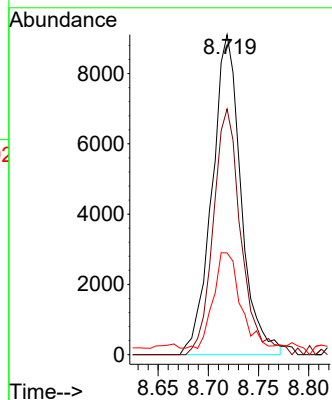
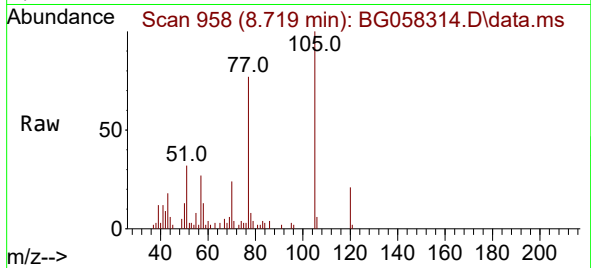




#16
Acetophenone
Concen: 3.944 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058314.D
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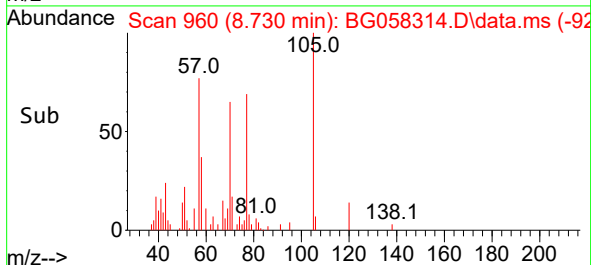
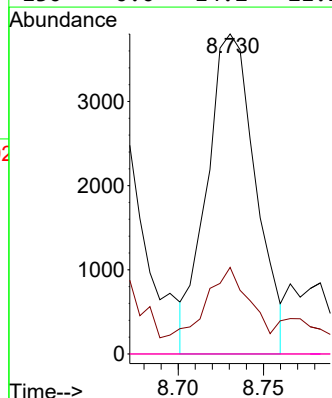
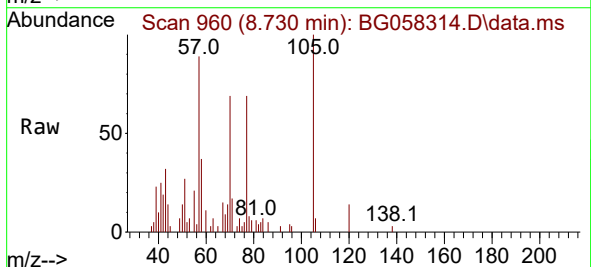
Instrument :
BNA_M
ClientSampleId :

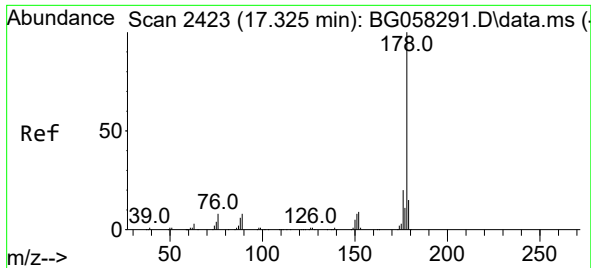
Tgt Ion:105 Resp: 18313
Ion Ratio Lower Upper
105 100
77 76.8 60.7 91.1
51 31.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 2.971 ng/ul
RT: 8.730 min Scan# 960
Delta R.T. 0.027 min
Lab File: BG058314.D
Acq: 18 Jul 2023 23:59

Tgt Ion: 70 Resp: 7549
Ion Ratio Lower Upper
70 100
42 27.0 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

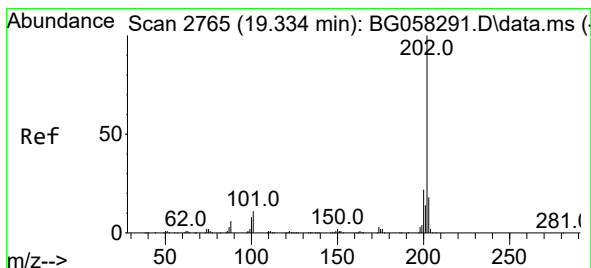
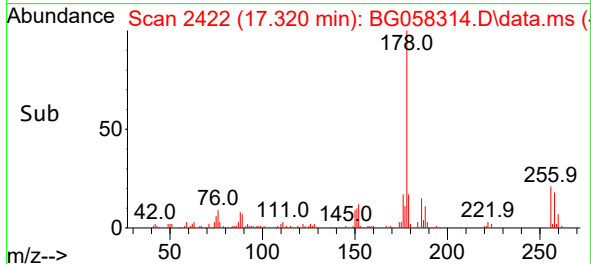
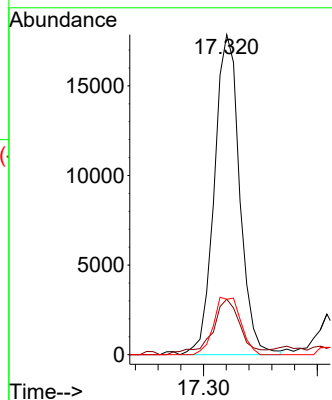
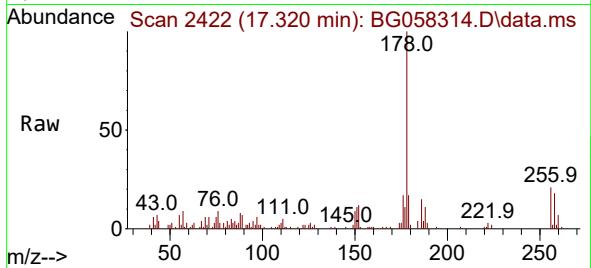




#72
Phenanthrene
Concen: 1.827 ng/ul
RT: 17.320 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG058314.D
Acq: 18 Jul 2023 23:59

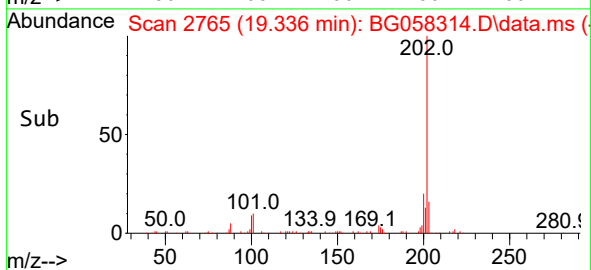
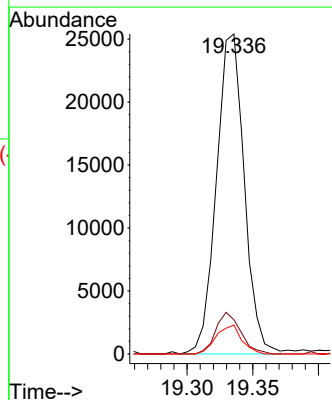
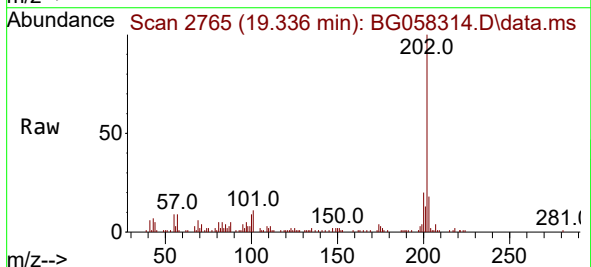
Instrument :
BNA_M
ClientSampleId :

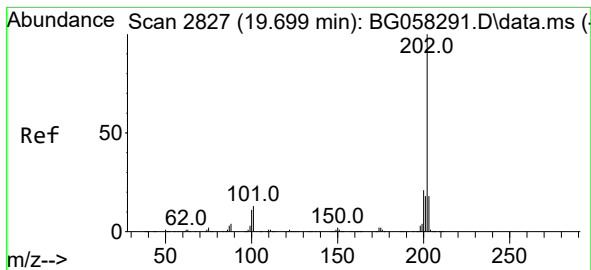
Tgt Ion:178	Resp:	27596
Ion Ratio	Lower	Upper
178	100	
179	17.4	11.9 17.9
176	17.3	15.8 23.8



#80
Fluoranthene
Concen: 2.091 ng/ul
RT: 19.336 min Scan# 2765
Delta R.T. 0.003 min
Lab File: BG058314.D
Acq: 18 Jul 2023 23:59

Tgt Ion:202	Resp:	37468
Ion Ratio	Lower	Upper
202	100	
101	10.7	8.6 12.8
100	9.1	7.2 10.8





#82

Pyrene

Concen: 1.980 ng/ul

RT: 19.694 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058314.D

Acq: 18 Jul 2023 23:59

Instrument :

BNA_M

ClientSampleId :

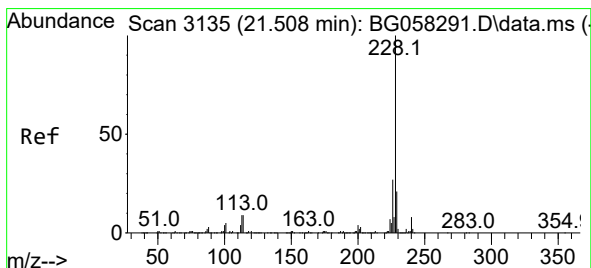
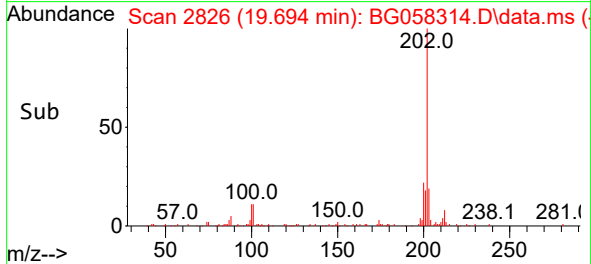
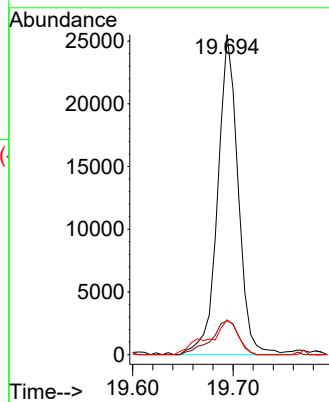
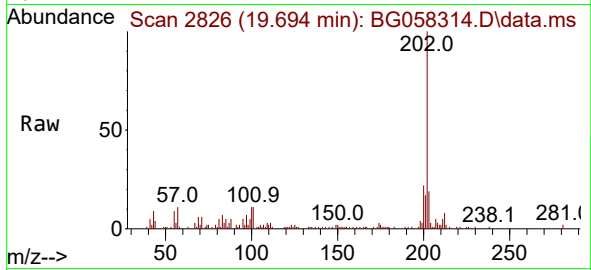
Tgt Ion:202 Resp: 35949

Ion Ratio Lower Upper

202 100

101 10.6 10.2 15.2

100 10.9 8.9 13.3



#85

Benzo(a)anthracene

Concen: 1.020 ng/ul

RT: 21.510 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG058314.D

Acq: 18 Jul 2023 23:59

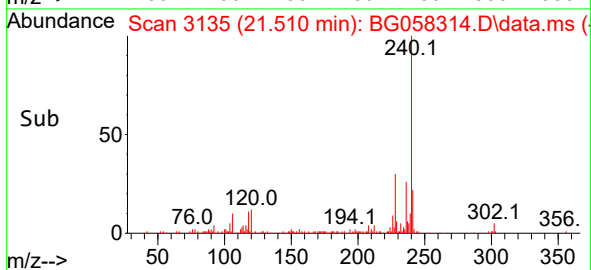
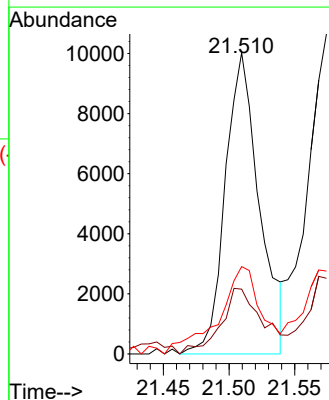
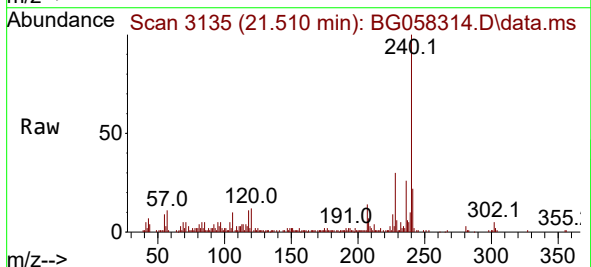
Tgt Ion:228 Resp: 18153

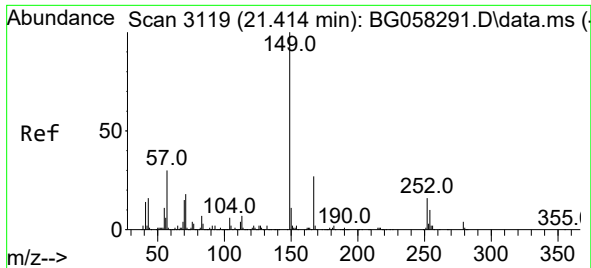
Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

226 29.0 21.8 32.8

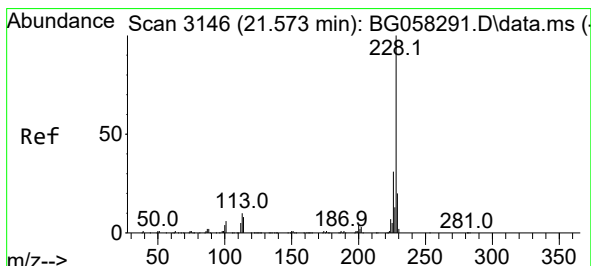
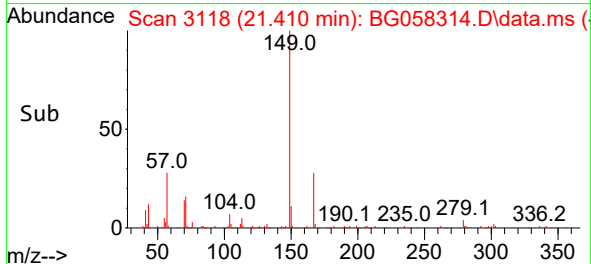
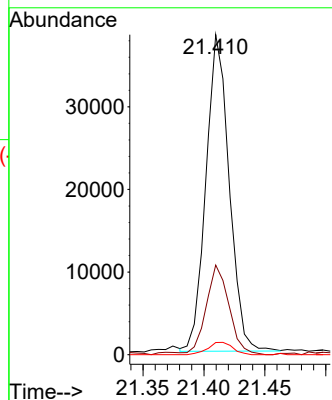
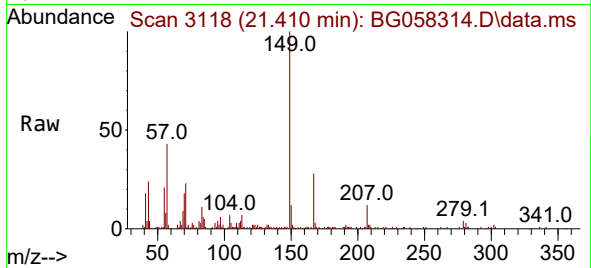




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.008 ng/ul
 RT: 21.410 min Scan# 3119
 Delta R.T. -0.003 min
 Lab File: BG058314.D
 Acq: 18 Jul 2023 23:59

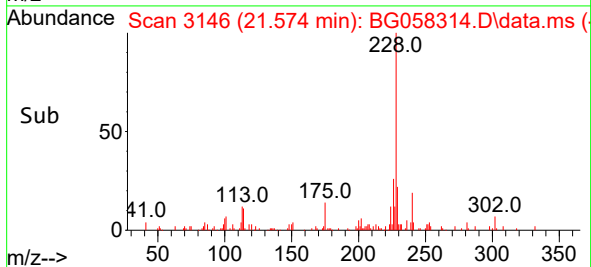
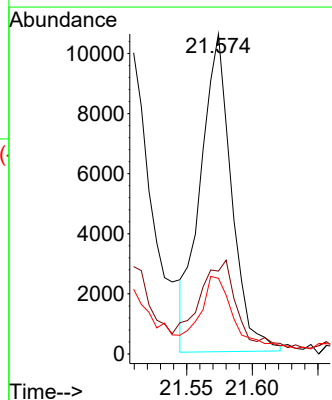
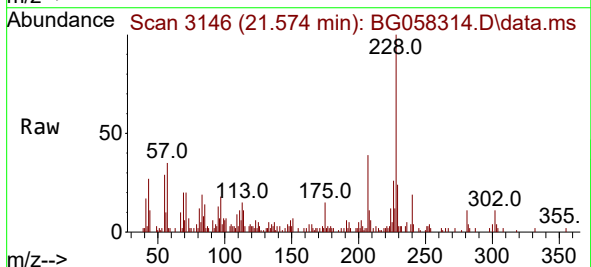
Instrument :
 BNA_M
 ClientSampleId :

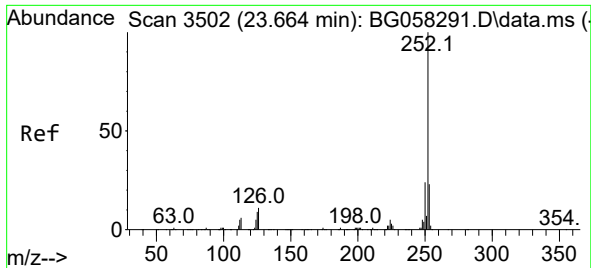
Tgt Ion:149 Resp: 50935
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.6 32.4
 279 3.8 3.0 4.4



#87
 Chrysene
 Concen: 1.035 ng/ul
 RT: 21.574 min Scan# 3146
 Delta R.T. -0.003 min
 Lab File: BG058314.D
 Acq: 18 Jul 2023 23:59

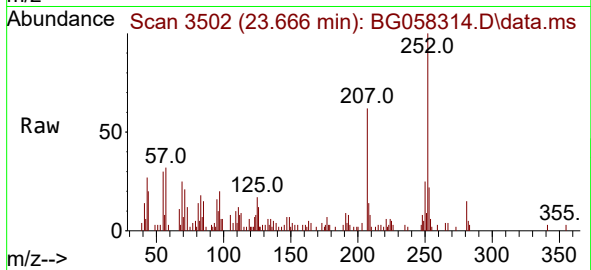
Tgt Ion:228 Resp: 17482
 Ion Ratio Lower Upper
 228 100
 226 25.9 24.0 36.0
 229 23.7 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 1.390 ng/ul
RT: 23.666 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG058314.D
Acq: 18 Jul 2023 23:59

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:252 Resp: 24423
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 16.7 6.7 10.1#

