

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058311.D
 Acq On : 18 Jul 2023 21:55
 Operator : CG/JU
 Sample : 03644-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:18:20 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)

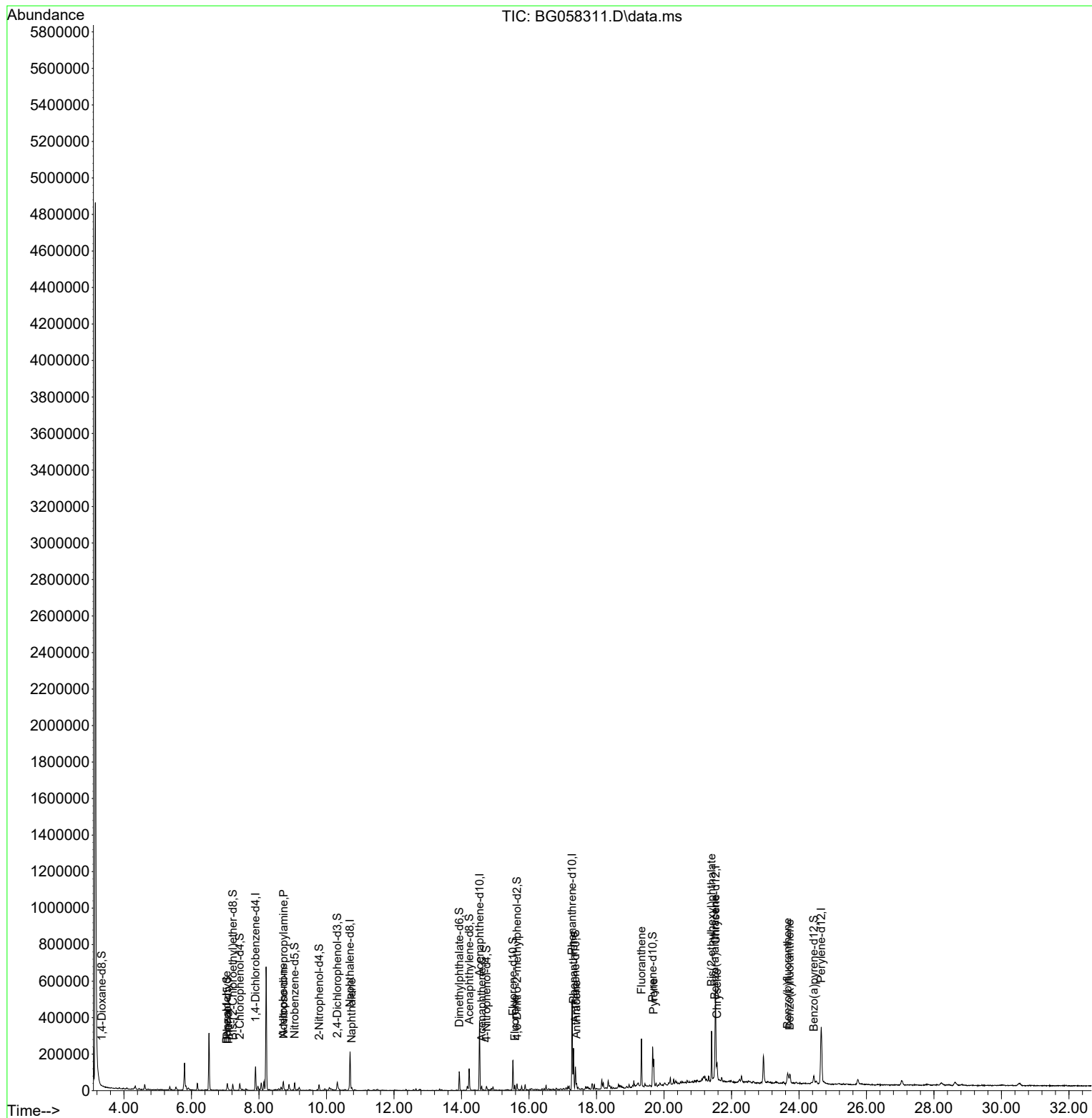
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	37525	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	174441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	134621	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	317697	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	264184	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	318328	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1130	1.108	ng/uL	0.00
4) Pyridine-d5	3.747	84	1626	0.537	ng/ul	0.00
7) Phenol-d5	7.060	99	23550	6.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	16245	7.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.431	132	17053	6.844	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	2650	0.976	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	9097	6.957	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	10542	7.385	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	16951	6.195	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	1839	0.464	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	74433	7.170	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	80785	7.426	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	6097	3.889	ng/ul	0.00
60) Fluorene-d10	15.527	176	69275	8.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	7458	4.608	ng/ul	0.00
73) Anthracene-d10	17.378	188	79037	5.758	ng/ul	0.00
81) Pyrene-d10	19.663	212	94451	6.053	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.440	264	42409	2.756	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.043	77	1477	1.027	ng/ul	89
8) Phenol	7.090	94	4208	1.138	ng/ul	95
16) Acetophenone	8.717	105	25308	5.473	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.729	70	2908	1.149	ng/ul#	60
30) Naphthalene	10.744	128	12878	1.381	ng/ul#	96
52) Acenaphthene	14.599	153	9953	1.221	ng/ul	93
61) Fluorene	15.580	166	12582	1.322	ng/ul	96
72) Phenanthrene	17.319	178	145450	9.634	ng/ul	99
74) Anthracene	17.407	178	23855	1.574	ng/ul	96
80) Fluoranthene	19.334	202	167184	9.353	ng/ul	99
82) Pyrene	19.693	202	95414	5.268	ng/ul	99
85) Benzo(a)anthracene	21.508	228	59668	3.360	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	104812	10.332	ng/ul	99
87) Chrysene	21.573	228	54766	3.252	ng/ul	98
90) Benzo(b)fluoranthene	23.664	252	71681	3.892	ng/ul#	97
91) Benzo(k)fluoranthene	23.723	252	21443	1.167	ng/ul#	93

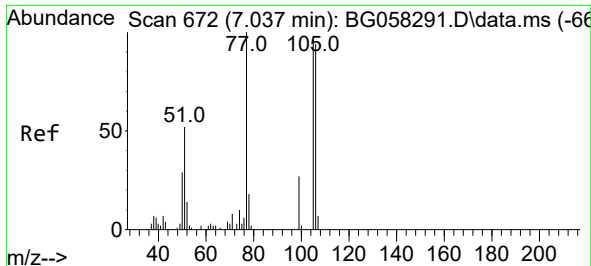
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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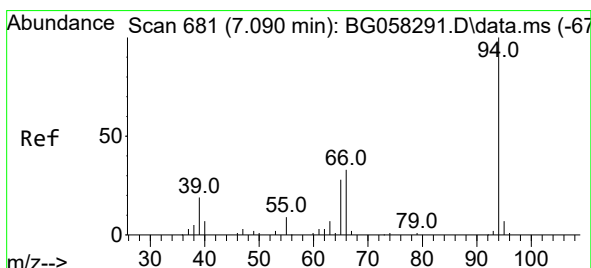
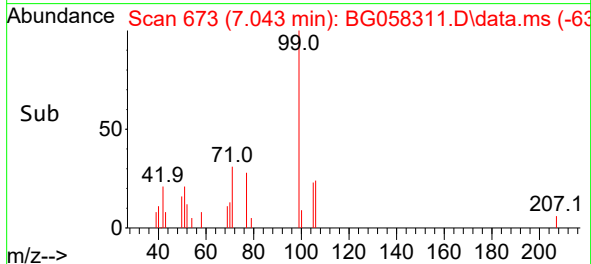
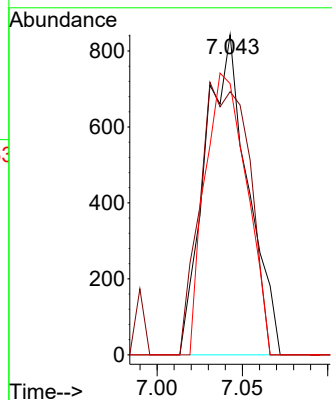
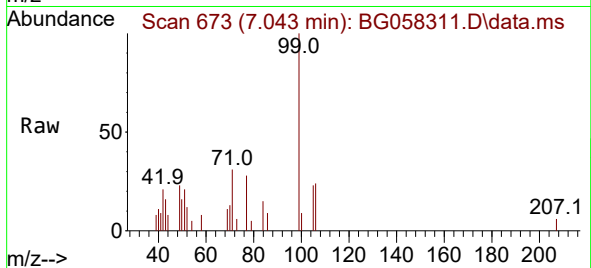




#6
Benzaldehyde
Concen: 1.027 ng/ul
RT: 7.043 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

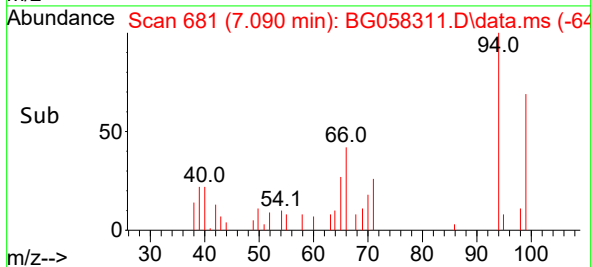
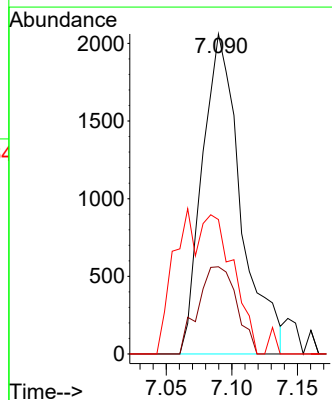
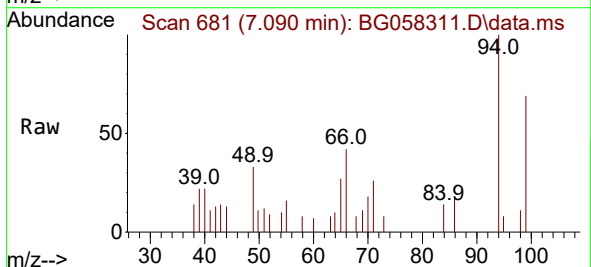
Instrument :
BNA_M
ClientSampleId :

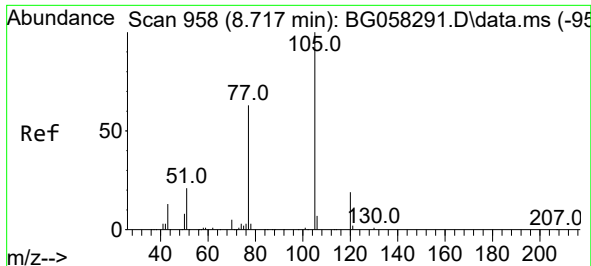
Tgt Ion: 77 Resp: 1477
Ion Ratio Lower Upper
77 100
105 82.2 78.2 117.4
106 84.7 71.6 107.4



#8
Phenol
Concen: 1.138 ng/ul
RT: 7.090 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

Tgt Ion: 94 Resp: 4208
Ion Ratio Lower Upper
94 100
65 27.3 23.8 35.8
66 42.0 31.2 46.8

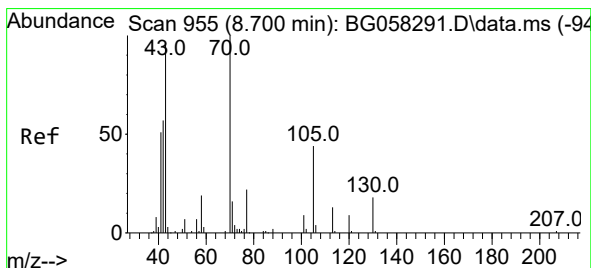
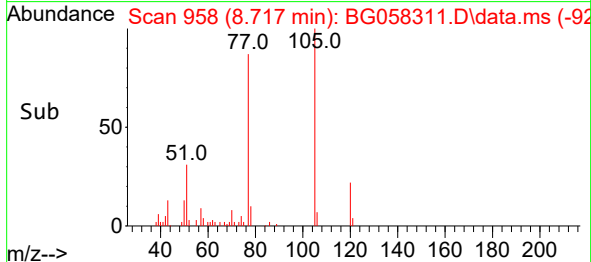
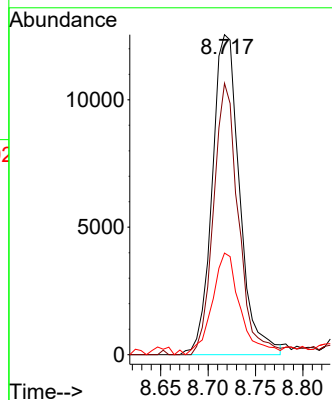
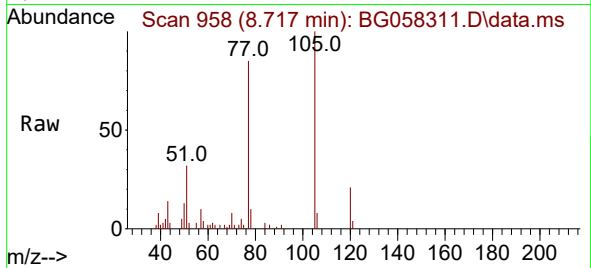




#16
Acetophenone
Concen: 5.473 ng/ul
RT: 8.717 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

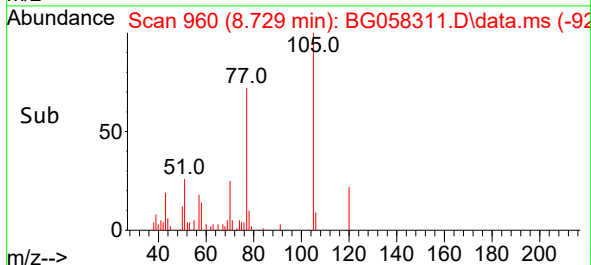
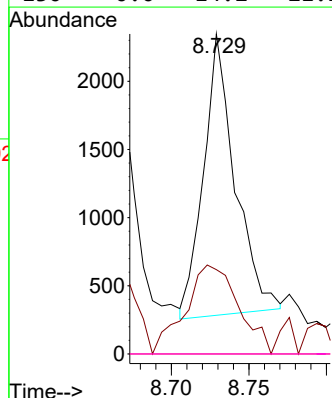
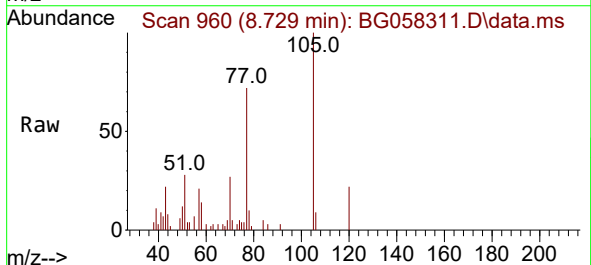
Instrument :
BNA_M
ClientSampleId :

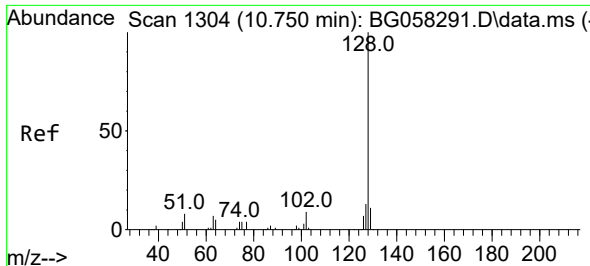
Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.8	60.7	91.1
51	31.8	23.5	35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.149 ng/ul
RT: 8.729 min Scan# 960
Delta R.T. 0.025 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

Tgt Ion	Ratio	Lower	Upper
70	100		
42	26.4	46.6	69.8#
101	0.0	7.3	10.9#
130	0.0	14.2	21.2#

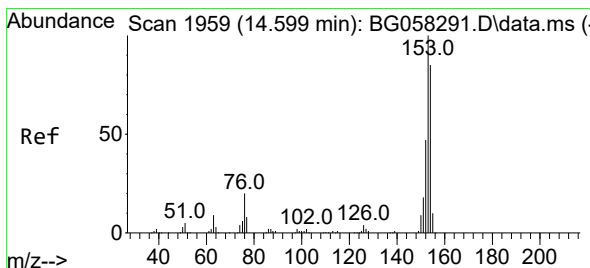
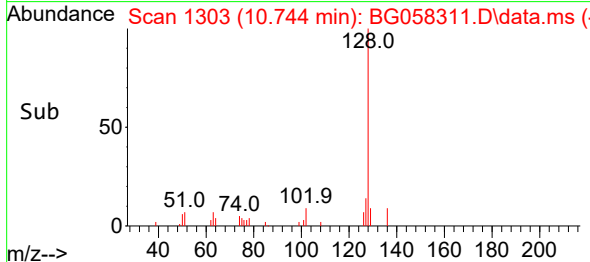
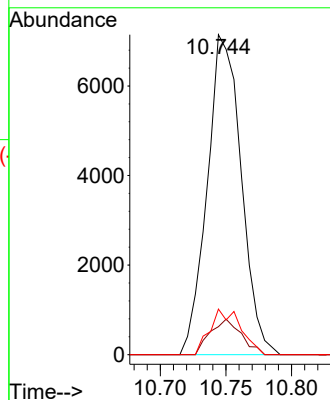
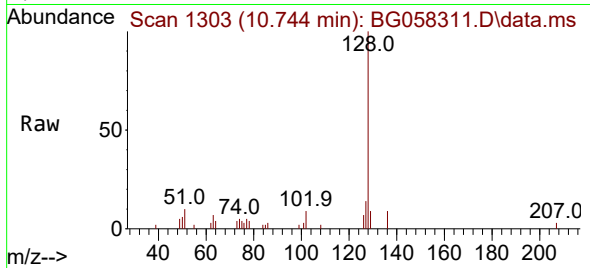




#30
Naphthalene
Concen: 1.381 ng/ul
RT: 10.744 min Scan# 1303
Delta R.T. -0.010 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

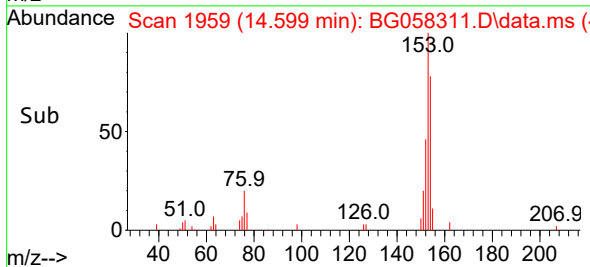
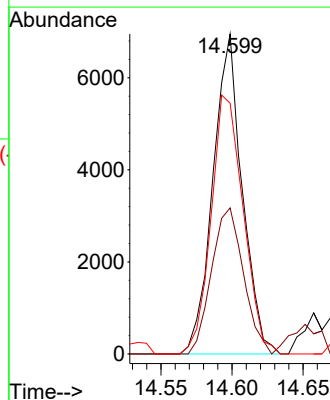
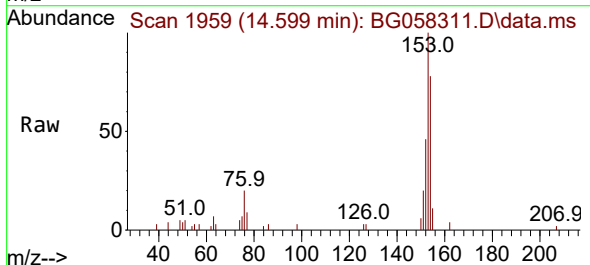
Instrument :
BNA_M
ClientSampleId :

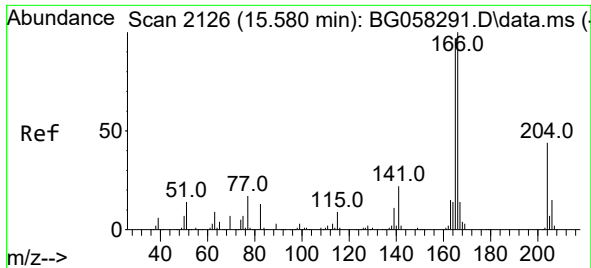
Tgt Ion:128 Resp: 12878
Ion Ratio Lower Upper
128 100
129 8.8 8.8 13.2#
127 14.3 10.8 16.2



#52
Acenaphthene
Concen: 1.221 ng/ul
RT: 14.599 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

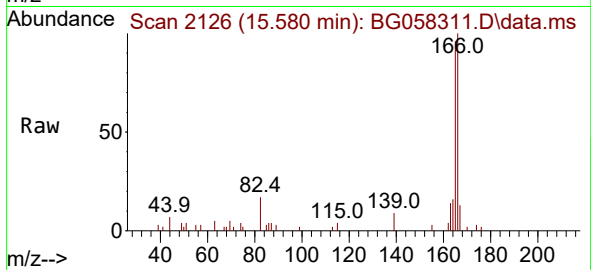
Tgt Ion:153 Resp: 9953
Ion Ratio Lower Upper
153 100
152 45.7 39.1 58.7
154 78.3 68.7 103.1



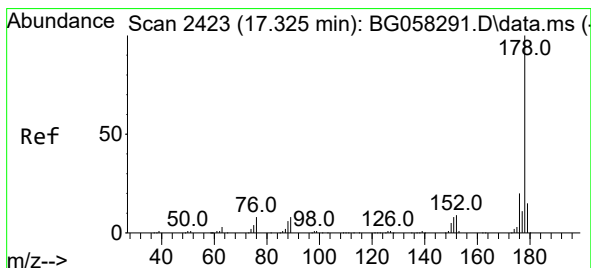
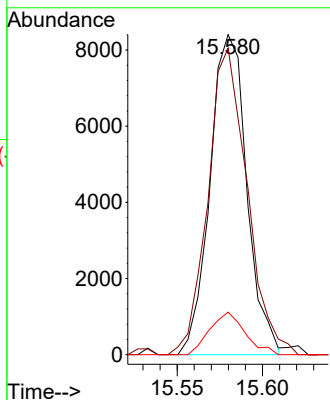
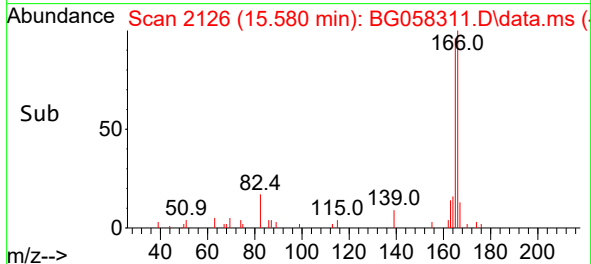


#61
 Fluorene
 Concen: 1.322 ng/ul
 RT: 15.580 min Scan# 2126
 Delta R.T. -0.004 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55

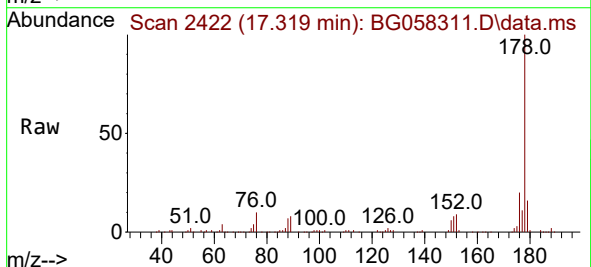
Instrument :
 BNA_M
 ClientSampleId :



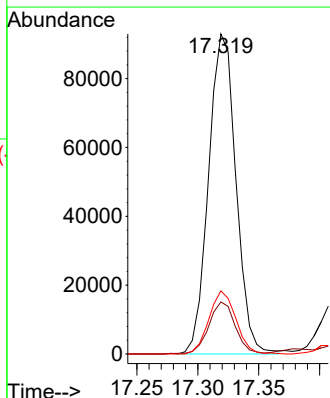
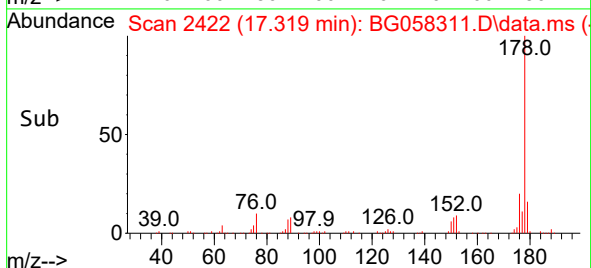
Tgt Ion:166 Resp: 12582
 Ion Ratio Lower Upper
 166 100
 165 95.8 80.2 120.2
 167 13.3 10.5 15.7

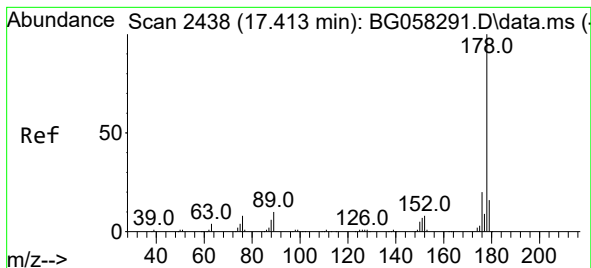


#72
 Phenanthrene
 Concen: 9.634 ng/ul
 RT: 17.319 min Scan# 2422
 Delta R.T. -0.004 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55



Tgt Ion:178 Resp: 145450
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.9 17.9
 176 19.7 15.8 23.8





#74

Anthracene

Concen: 1.574 ng/ul

RT: 17.407 min Scan# 2438

Delta R.T. -0.010 min

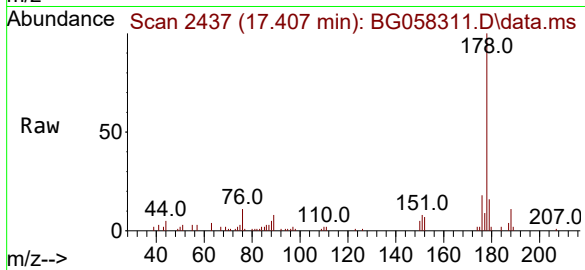
Lab File: BG058311.D

Acq: 18 Jul 2023 21:55

Instrument :

BNA_M

ClientSampleId :



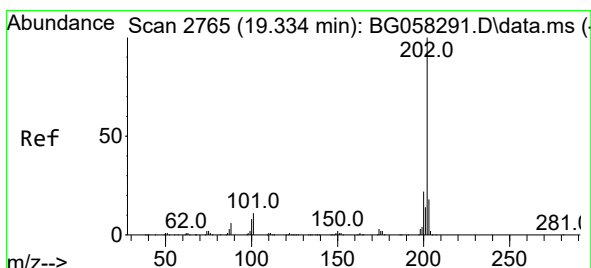
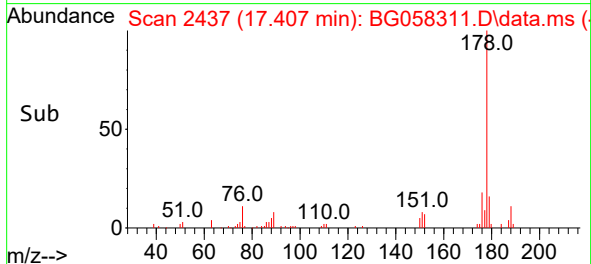
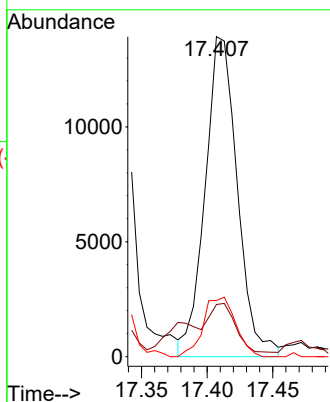
Tgt Ion:178 Resp: 23855

Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.2

176 17.6 16.2 24.2



#80

Fluoranthene

Concen: 9.353 ng/ul

RT: 19.334 min Scan# 2765

Delta R.T. 0.002 min

Lab File: BG058311.D

Acq: 18 Jul 2023 21:55

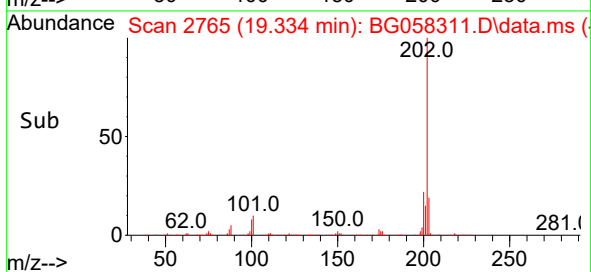
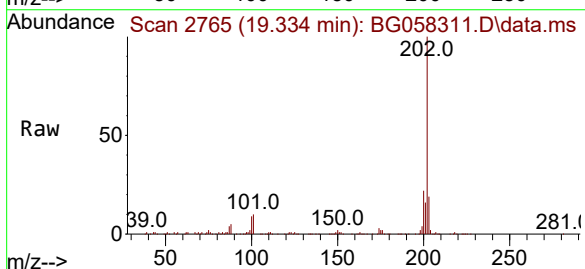
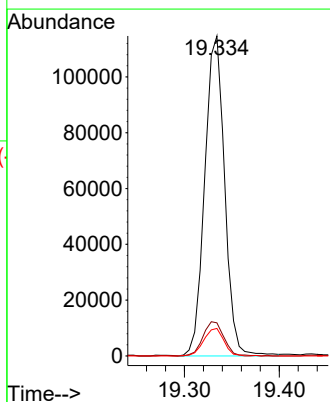
Tgt Ion:202 Resp: 167184

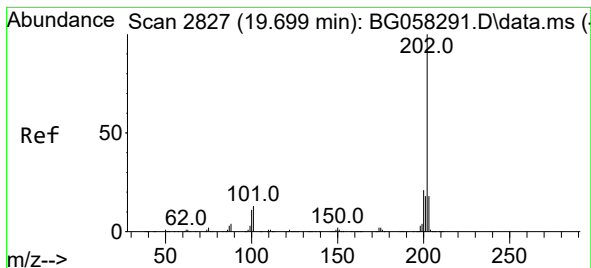
Ion Ratio Lower Upper

202 100

101 10.3 8.6 12.8

100 8.6 7.2 10.8





#82

Pyrene

Concen: 5.268 ng/ul

RT: 19.693 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058311.D

Acq: 18 Jul 2023 21:55

Instrument :

BNA_M

ClientSampleId :

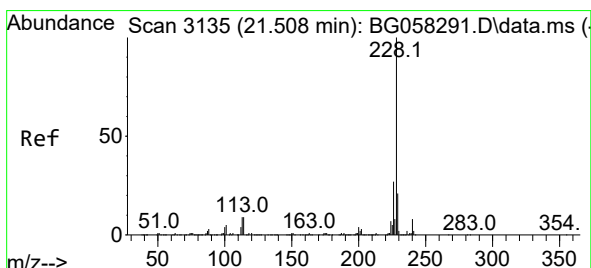
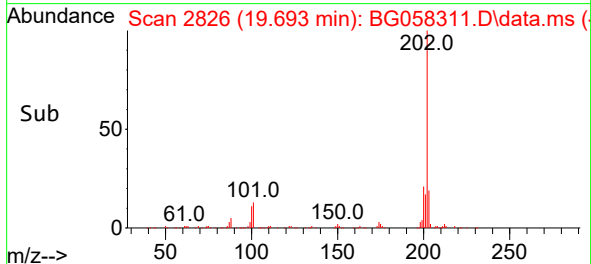
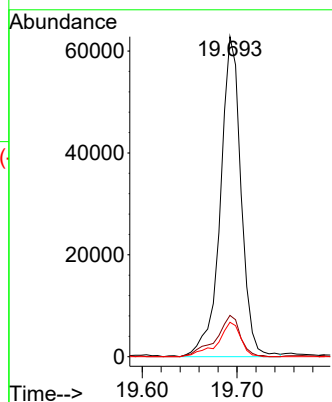
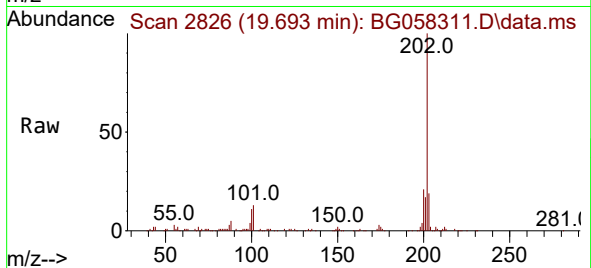
Tgt Ion:202 Resp: 95414

Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

100 10.7 8.9 13.3



#85

Benzo(a)anthracene

Concen: 3.360 ng/ul

RT: 21.508 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG058311.D

Acq: 18 Jul 2023 21:55

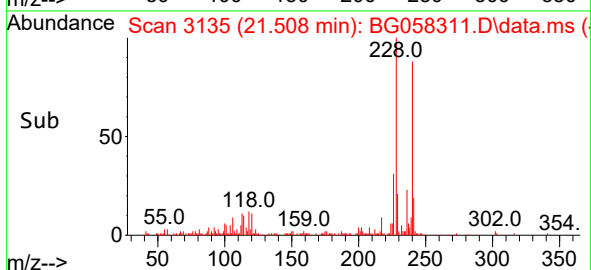
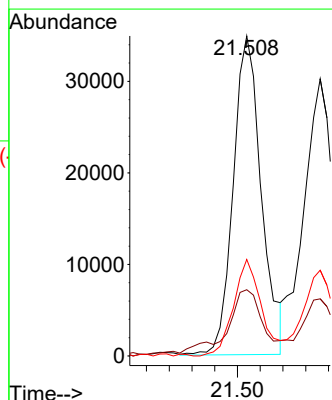
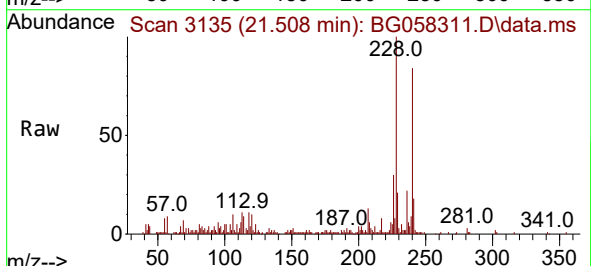
Tgt Ion:228 Resp: 59668

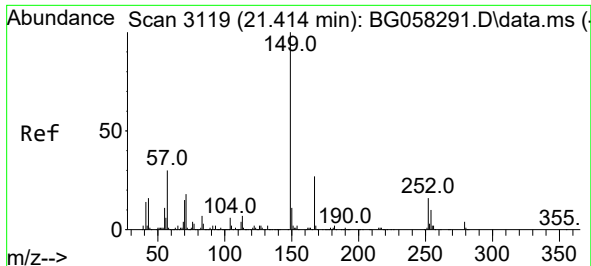
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 30.2 21.8 32.8

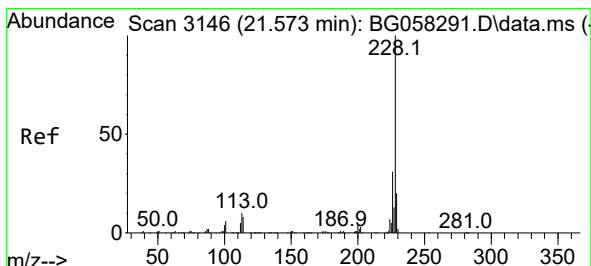
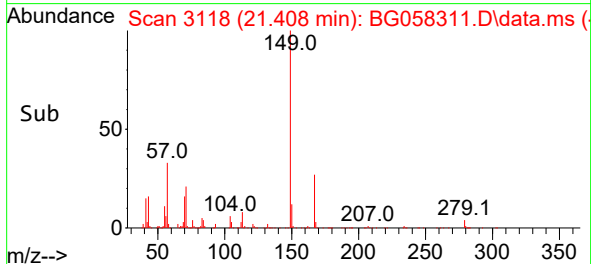
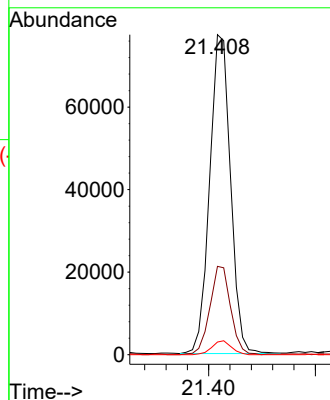
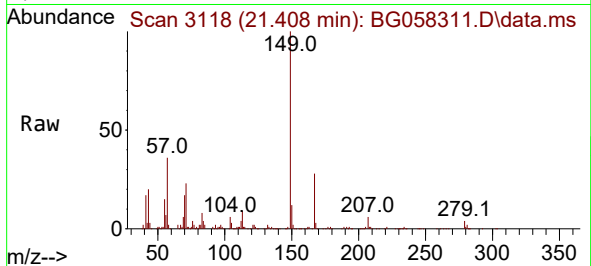




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 10.332 ng/ul
 RT: 21.408 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55

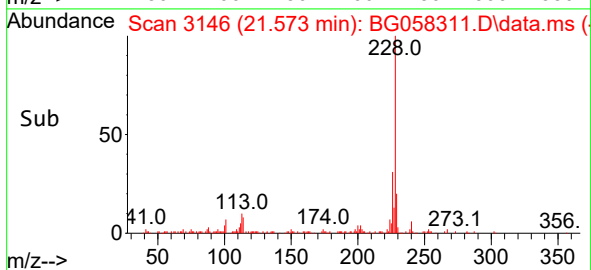
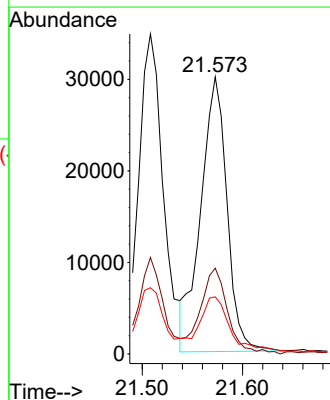
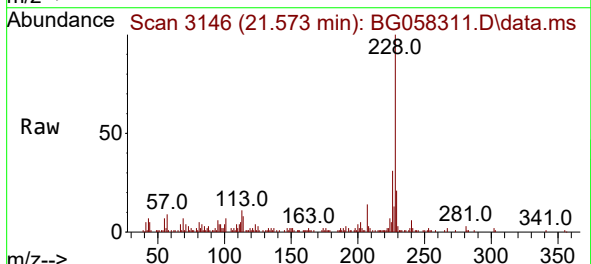
Instrument :
 BNA_M
 ClientSampleId :

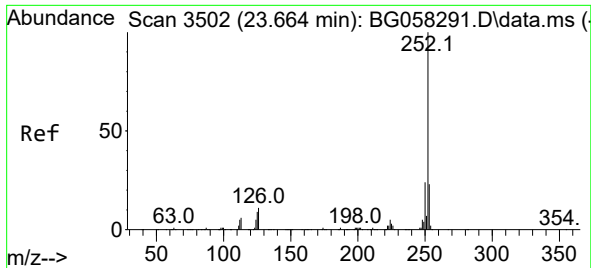
Tgt Ion:149 Resp: 104812
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 4.0 3.0 4.4



#87
 Chrysene
 Concen: 3.252 ng/ul
 RT: 21.573 min Scan# 3146
 Delta R.T. -0.004 min
 Lab File: BG058311.D
 Acq: 18 Jul 2023 21:55

Tgt Ion:228 Resp: 54766
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.0 36.0
 229 20.6 15.8 23.8

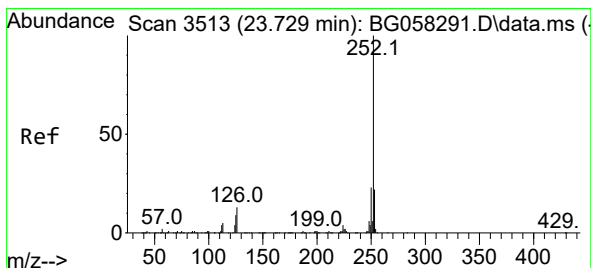
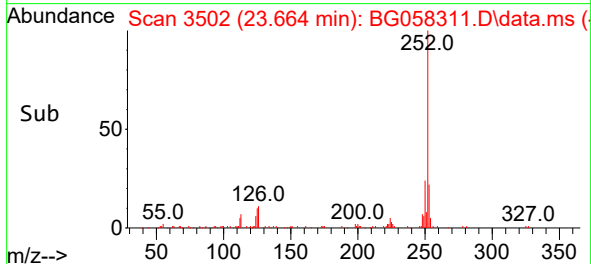
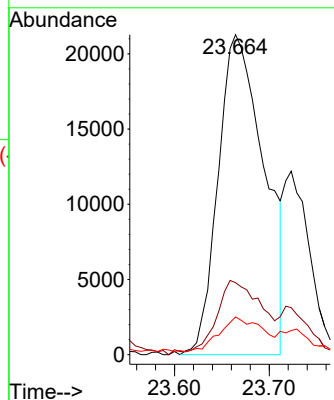
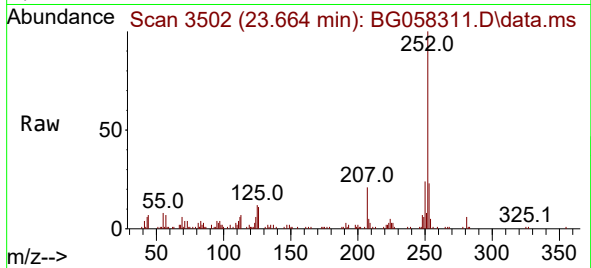




#90
Benzo(b)fluoranthene
Concen: 3.892 ng/ul
RT: 23.664 min Scan# 3502
Delta R.T. -0.004 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 71681
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.8 6.7 10.1#



#91
Benzo(k)fluoranthene
Concen: 1.167 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. -0.010 min
Lab File: BG058311.D
Acq: 18 Jul 2023 21:55

Tgt Ion:252 Resp: 21443
Ion Ratio Lower Upper
252 100
253 25.6 18.3 27.5
125 13.2 7.4 11.0#

