

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046768.D
 Acq On : 3 Oct 2020 12:29
 Operator : CG/JU
 Sample : L4150-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J8

Quant Time: Oct 05 00:59:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

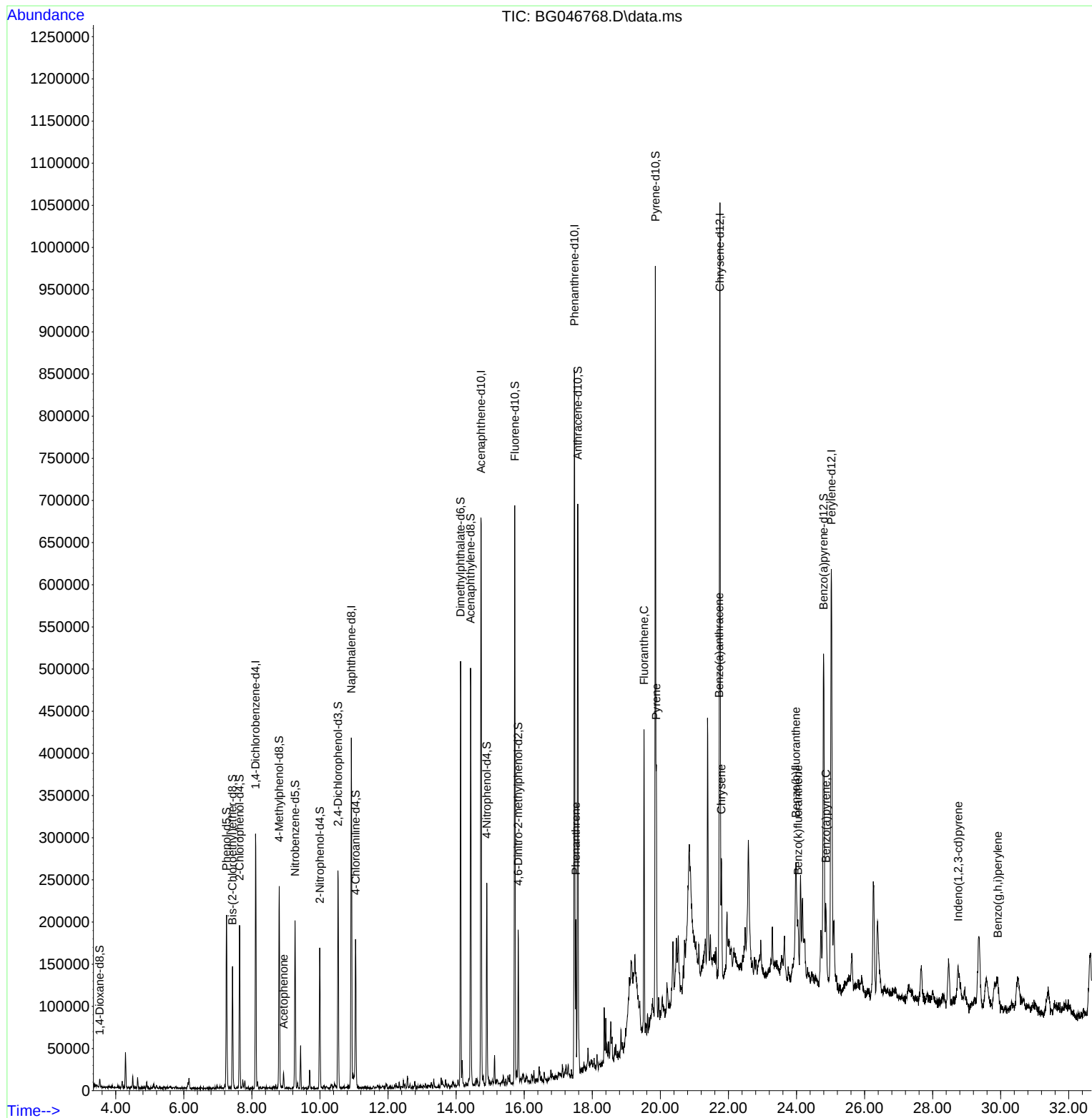
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	82284	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	332653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.730	164	238488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	543906	20.00	ng/ul	0.00
78) Chrysene-d12	21.752	240	539104	20.00	ng/ul	0.00
86) Perylene-d12	25.024	264	550903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	4549	2.71	ng/uL	0.00
5) Phenol-d5	7.257	99	105808	15.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.427	67	68078	15.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	80211	15.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.802	113	86784	15.76	ng/ul	0.00
19) Nitrobenzene-d5	9.266	128	45386	18.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	50141	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.530	165	93518	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.047	131	86995	12.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.131	166	325327	17.85	ng/ul	0.00
47) Acenaphthylene-d8	14.425	160	356829	16.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.901	143	50986	16.41	ng/ul	0.00
58) Fluorene-d10	15.723	176	276670	16.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.823	200	42012	15.46	ng/ul	0.00
71) Anthracene-d10	17.574	188	391686	15.70	ng/ul	0.00
79) Pyrene-d10	19.854	212	459817	16.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.795	264	451751	15.21	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Acetophenone	8.931	105	9911	1.11	ng/ul#	84
70) Phenanthrene	17.521	178	109990	3.70	ng/ul	98
77) Fluoranthene	19.519	202	225269	6.38	ng/ul	99
80) Pyrene	19.883	202	186183	5.37	ng/ul	97
83) Benzo(a)anthracene	21.728	228	128411	3.64	ng/ul	98
85) Chrysene	21.793	228	117283	3.43	ng/ul	97
88) Benzo(b)fluoranthene	23.984	252	162301	4.47	ng/ul	98
89) Benzo(k)fluoranthene	24.043	252	58493	1.65	ng/ul#	96
91) Benzo(a)pyrene	24.866	252	99752	3.00	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.749	276	64672	1.59	ng/ul	95
94) Benzo(g,h,i)perylene	29.919	276	59958	1.76	ng/ul	95

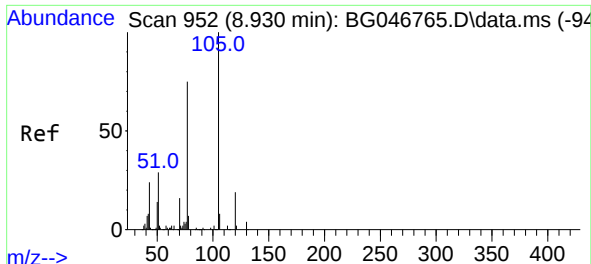
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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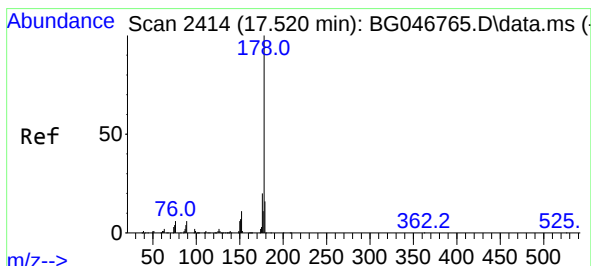
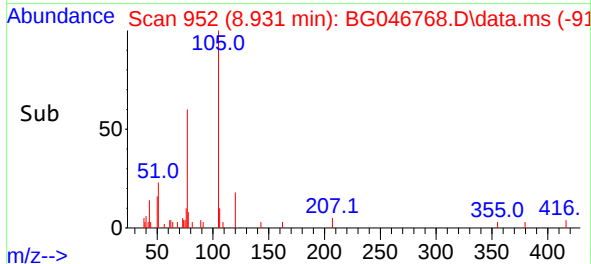
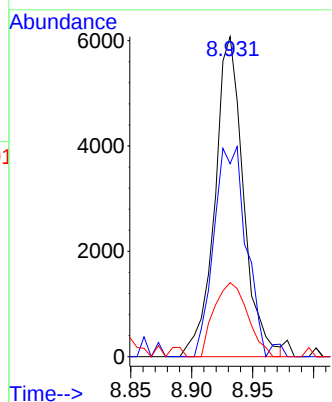
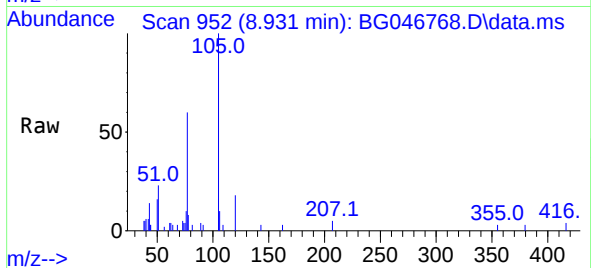




#14
Acetophenone
Concen: 1.11 ng/ul
RT: 8.931 min Scan# 952
Delta R.T. 0.001 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

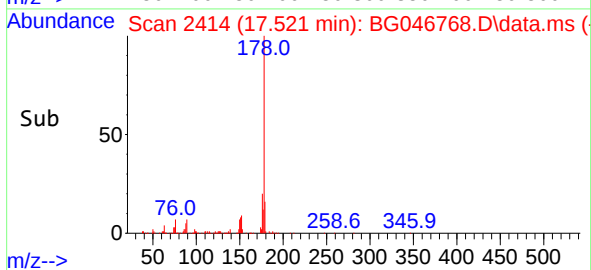
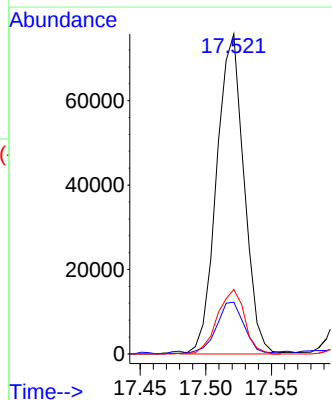
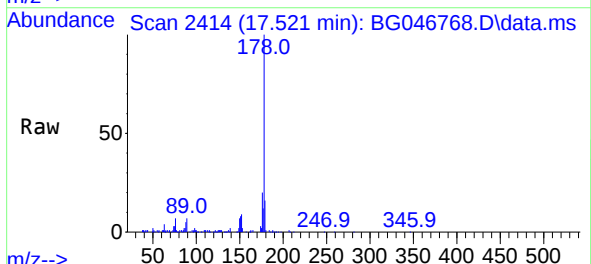
Instrument :
BNA_G
ClientSampled :
CB7J8

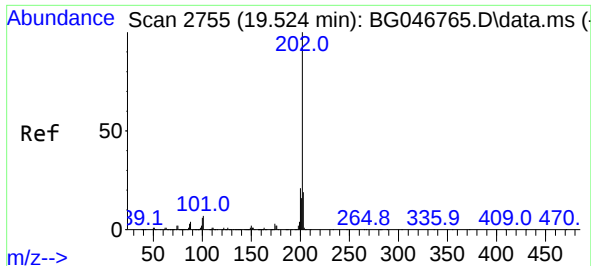
Tgt Ion:	105	Resp:	9911
Ion	Ratio	Lower	Upper
105	100		
77	60.3	60.4	90.6#
51	23.2	24.1	36.1#



#70
Phenanthrene
Concen: 3.70 ng/ul
RT: 17.521 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Tgt Ion:	178	Resp:	109990
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	20.2	15.4	23.2

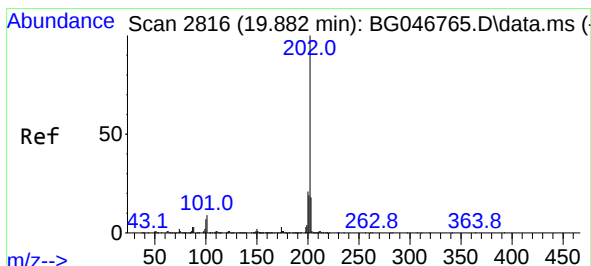
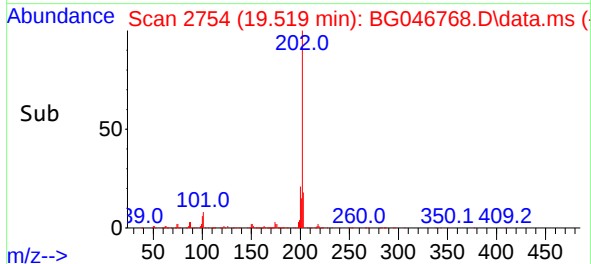
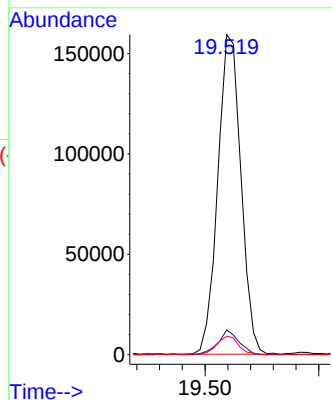
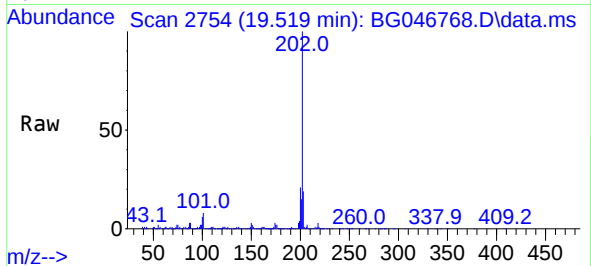




#77
Fluoranthene
Concen: 6.38 ng/ul
RT: 19.519 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

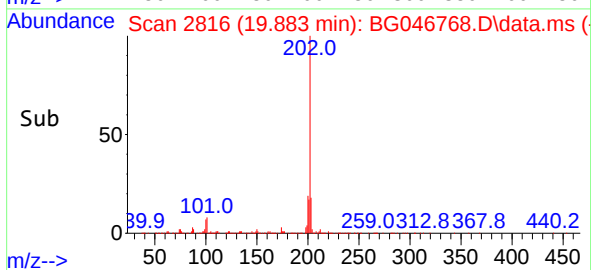
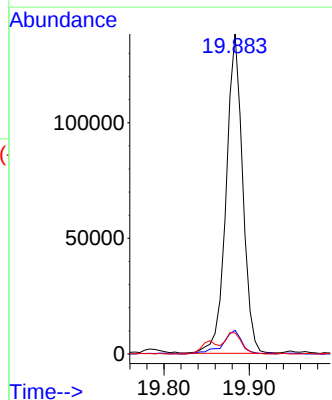
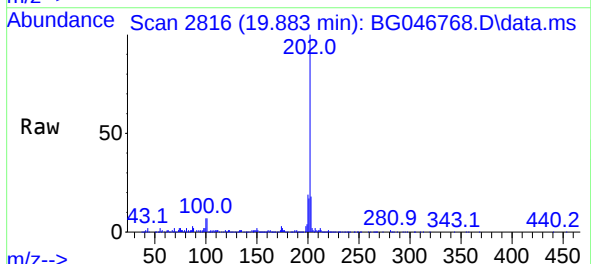
Instrument :
BNA_G
ClientSampleId :
CB7J8

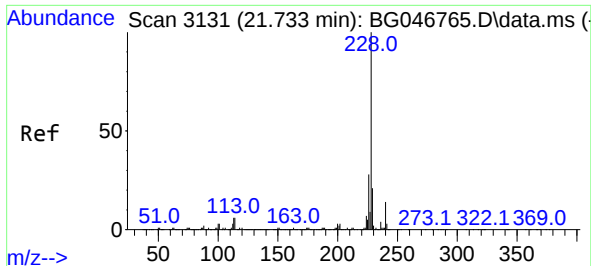
Tgt Ion:202 Resp: 225269
Ion Ratio Lower Upper
202 100
101 7.7 5.8 8.6
100 5.8 4.5 6.7



#80
Pyrene
Concen: 5.37 ng/ul
RT: 19.883 min Scan# 2816
Delta R.T. 0.001 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Tgt Ion:202 Resp: 186183
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 6.6 6.0 9.0



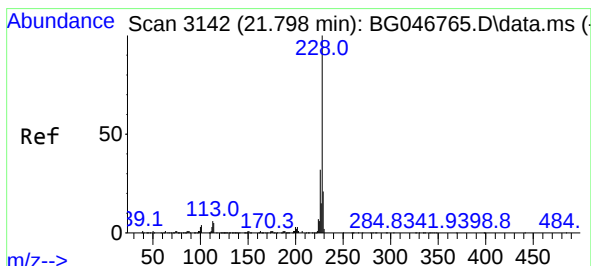
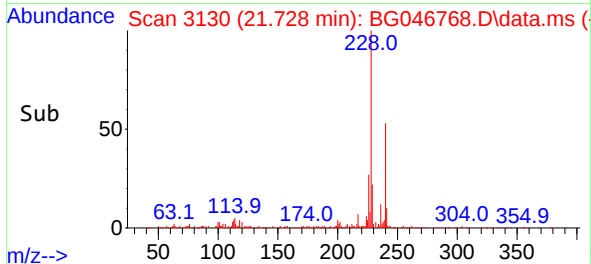
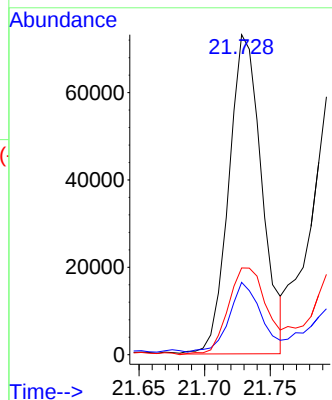
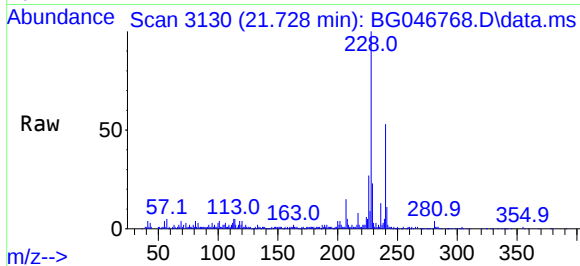


#83
Benzo(a)anthracene
Concen: 3.64 ng/ul
RT: 21.728 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Instrument :
BNA_G
ClientSampled :
CB7J8

Tgt Ion:228 Resp: 128411

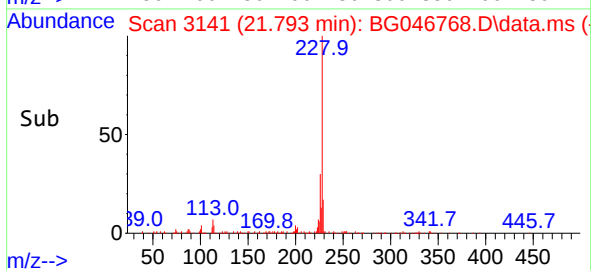
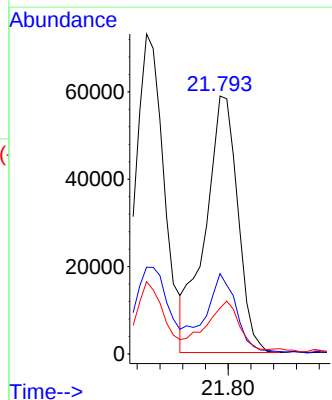
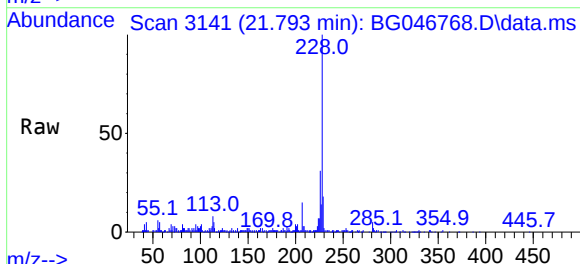
Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.5	24.7
226	27.1	21.6	32.4

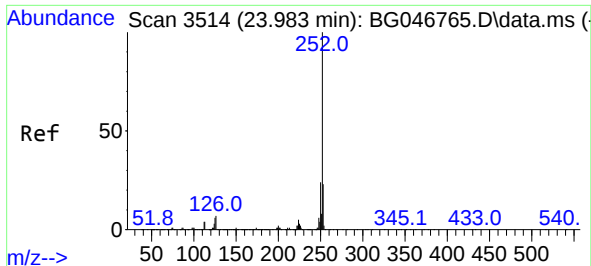


#85
Chrysene
Concen: 3.43 ng/ul
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Tgt Ion:228 Resp: 117283

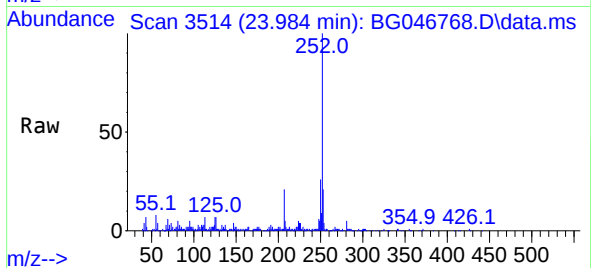
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	17.8	15.8	23.8



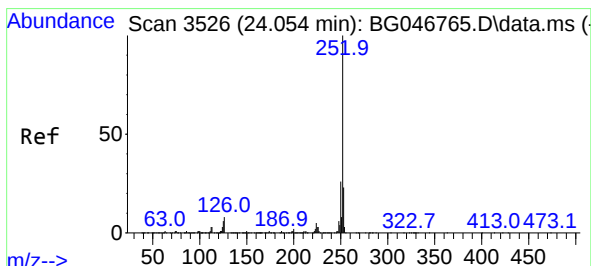
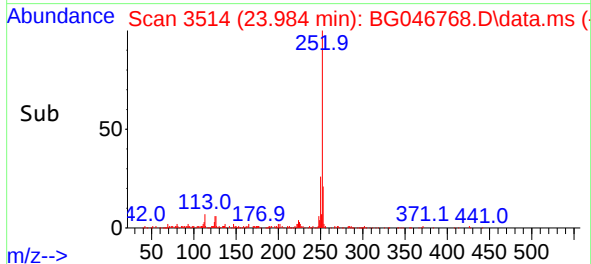
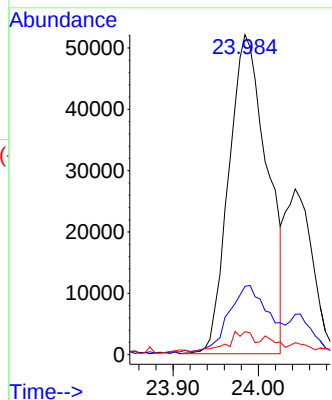


#88
Benzo(b)fluoranthene
Concen: 4.47 ng/ul
RT: 23.984 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Instrument :
BNA_G
ClientSampled :
CB7J8

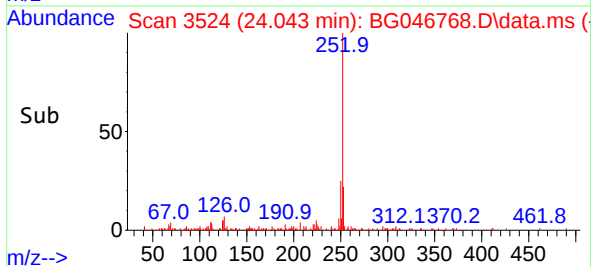
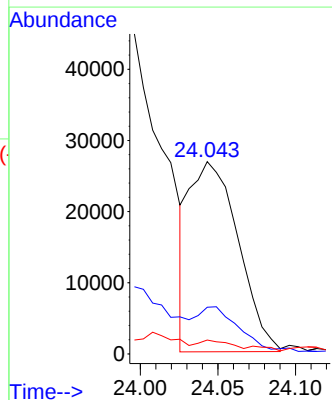
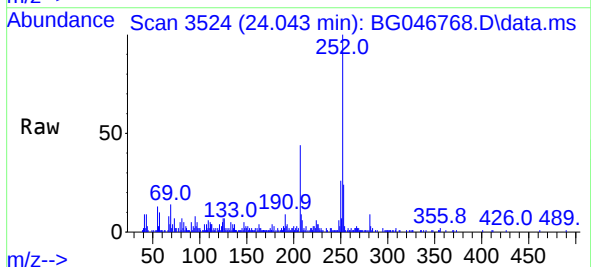


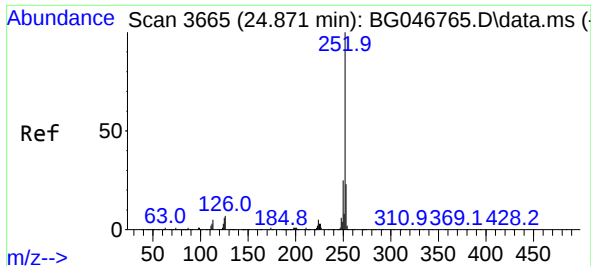
Tgt Ion:252 Resp: 162301
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 7.2 5.0 7.4



#89
Benzo(k)fluoranthene
Concen: 1.65 ng/ul
RT: 24.043 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Tgt Ion:252 Resp: 58493
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 7.2 4.8 7.2#

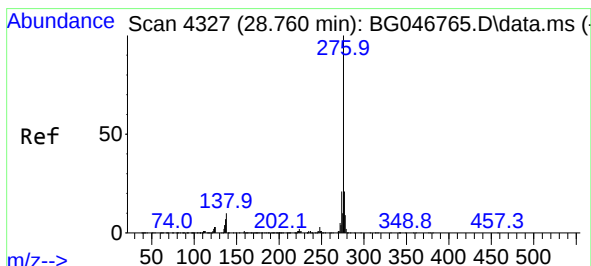
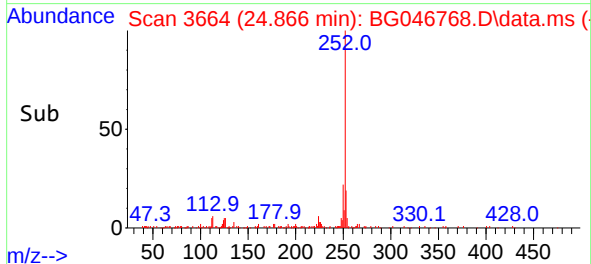
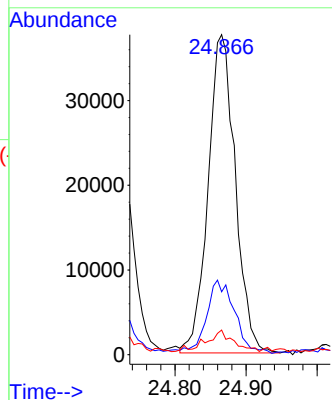
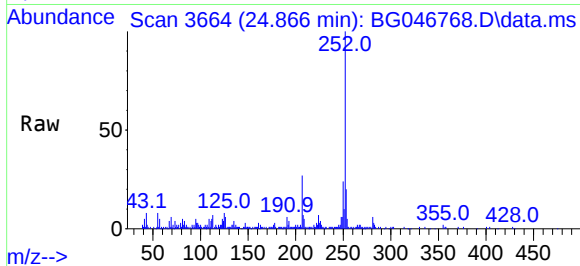




#91
Benzo(a)pyrene
Concen: 3.00 ng/u1
RT: 24.866 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

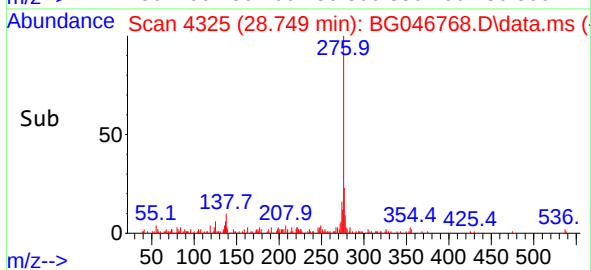
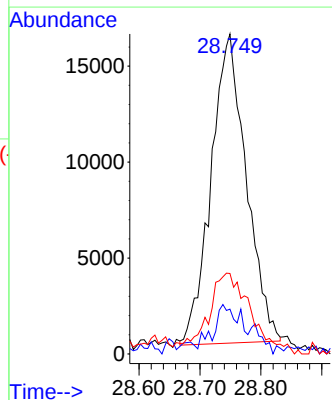
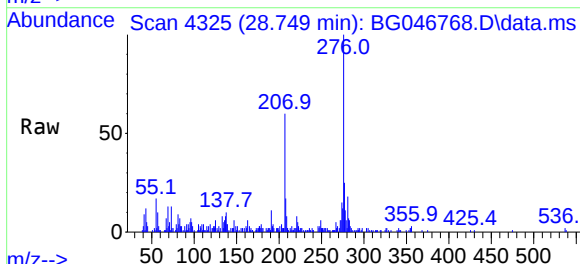
Instrument :
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ClientSampled :
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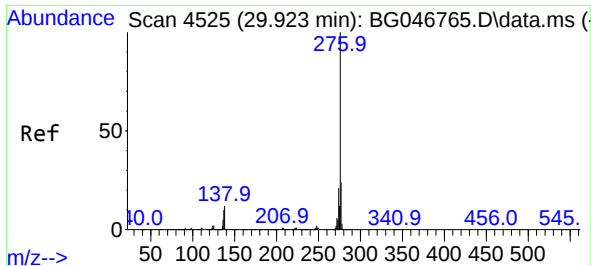
Tgt Ion:252	Resp:	99752
Ion Ratio	Lower	Upper
252	100	
253	19.7	17.6 26.4
125	7.7	5.4 8.2



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.59 ng/u1
RT: 28.749 min Scan# 4325
Delta R.T. -0.011 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

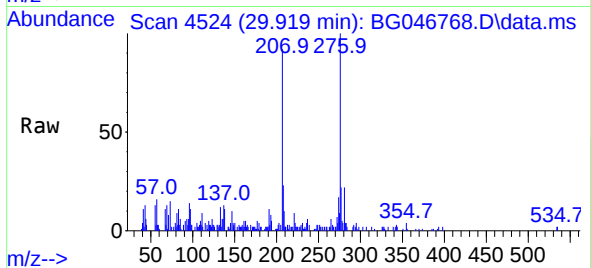
Tgt Ion:276	Resp:	64672
Ion Ratio	Lower	Upper
276	100	
138	14.0	9.7 14.5
277	25.2	18.2 27.4





#94
Benzo(g,h,i)perylene
Concen: 1.76 ng/ul
RT: 29.919 min Scan# 4524
Delta R.T. -0.005 min
Lab File: BG046768.D
Acq: 3 Oct 2020 12:29

Instrument :
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Tgt Ion:276 Resp: 59958
Ion Ratio Lower Upper
276 100
138 10.5 10.2 15.4
277 21.7 19.0 28.6

