

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041952.D
 Acq On : 4 Aug 2019 21:26
 Operator : HP/JU
 Sample : K3962-21
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:18:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	312027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	213045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	450221	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	453149	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	510708	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3719	2.15	ng/uL	0.00
5) Phenol-d5	7.18	99	83450	14.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	51217	15.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	81670	16.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	53789	10.80	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	41839	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	51682	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	91580	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	86352	14.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	293015	17.73	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	336576	17.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	24897	8.97	ng/ul	0.00
57) Fluorene-d10	15.69	176	264408	17.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	29408	10.18	ng/ul	0.00
70) Anthracene-d10	17.54	188	413234	19.13	ng/ul	0.00
78) Pyrene-d10	19.83	212	481767	19.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	529744	19.86	ng/ul	0.00

Target Compounds

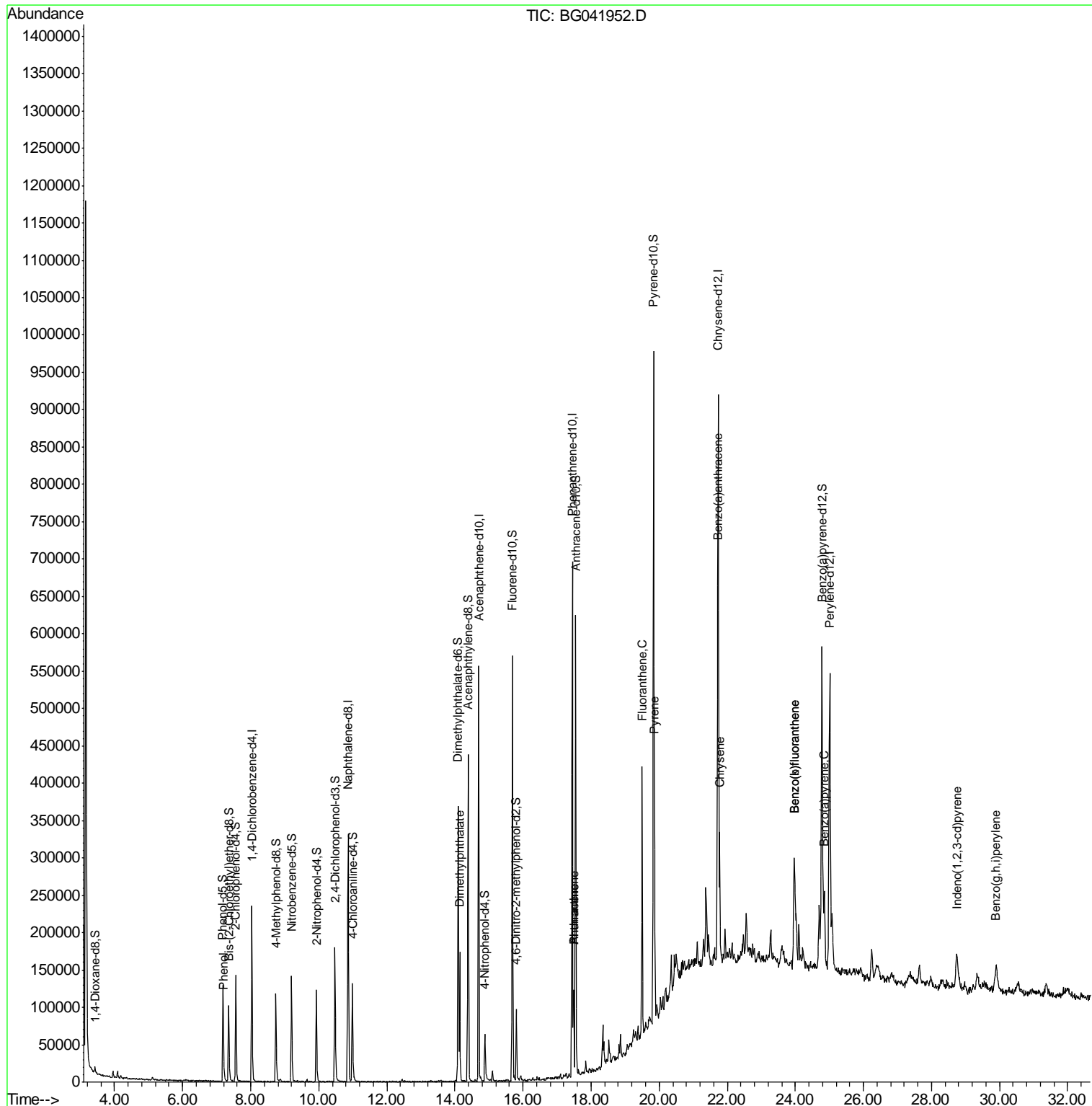
					Ovalue	
6) Phenol	7.21	94	6795	1.109	ng/ul#	88
44) Dimethylphthalate	14.14	163	129776	7.910	ng/ul	99
69) Phenanthrene	17.49	178	76021	3.084	ng/ul	99
71) Anthracene	17.49	178	76021	3.041	ng/ul	99
76) Fluoranthene	19.50	202	244901	8.600	ng/ul	97
79) Pyrene	19.86	202	212307	6.965	ng/ul	97
82) Benzo(a)anthracene	21.71	228	112822	3.591	ng/ul	99
84) Chrysene	21.78	228	140718	4.799	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	204860	6.392	ng/ul	99
88) Benzo(k)fluoranthene	23.97	252	204860	6.648	ng/ul	99
90) Benzo(a)pyrene	24.85	252	129605	4.244	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.75	276	83745	2.351	ng/ul	95
93) Benzo(g,h,i)perylene	29.89	276	33156	1.115	ng/ul#	95

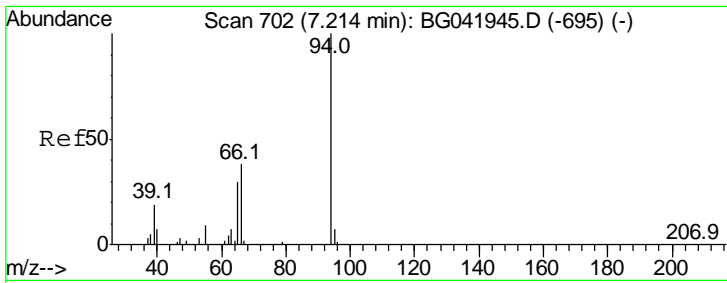
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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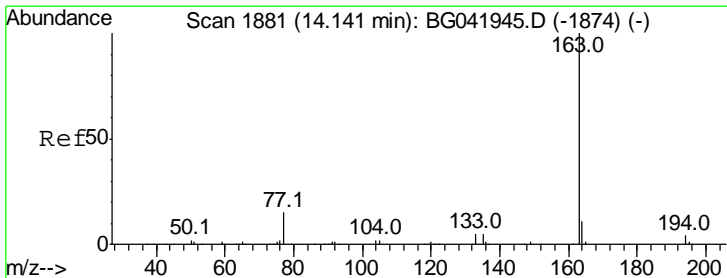
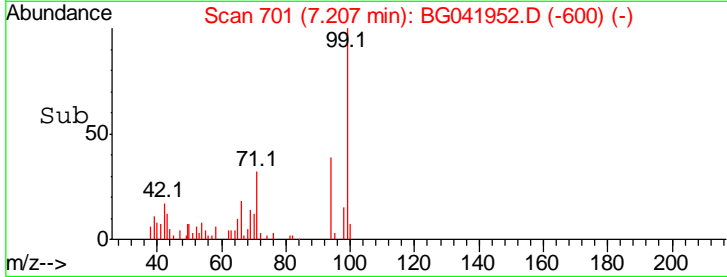
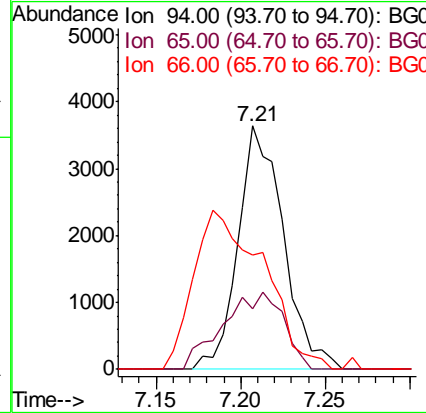
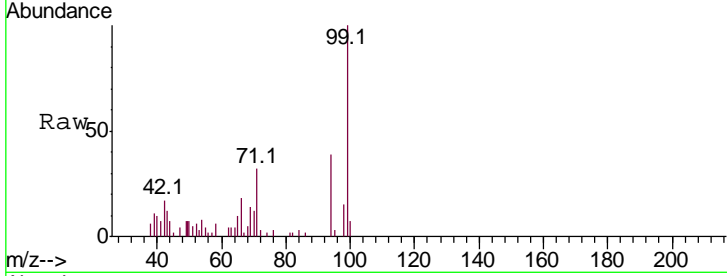




#6
 Phenol
 Concen: 1.109 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

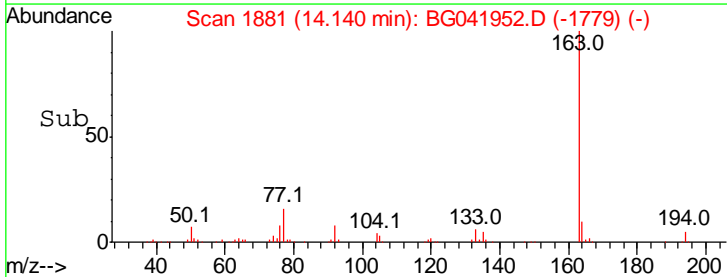
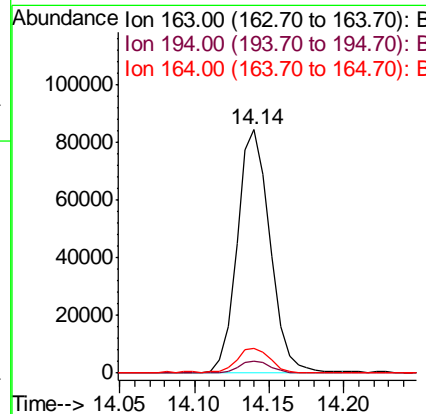
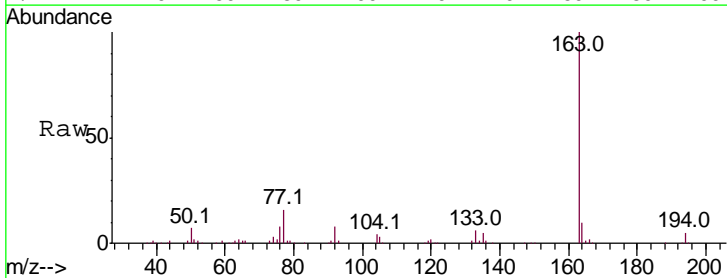
Instrument :
 BNA_G
 ClientSampled :

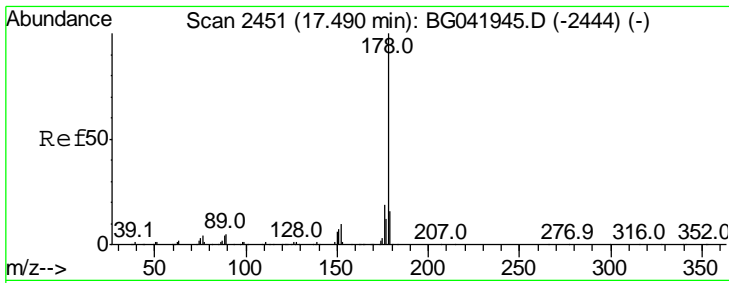
Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	25.8	38.6#
66	46.9	31.8	47.8



#44
 Dimethylphthalate
 Concen: 7.910 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.1	7.8	11.8

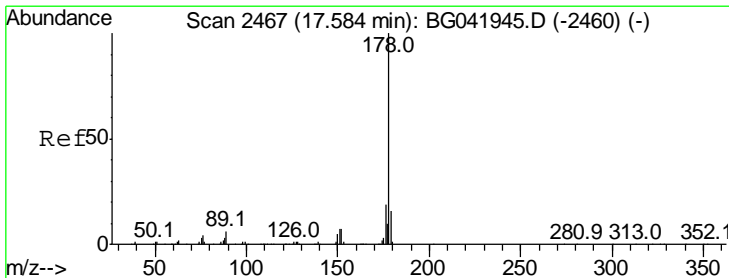
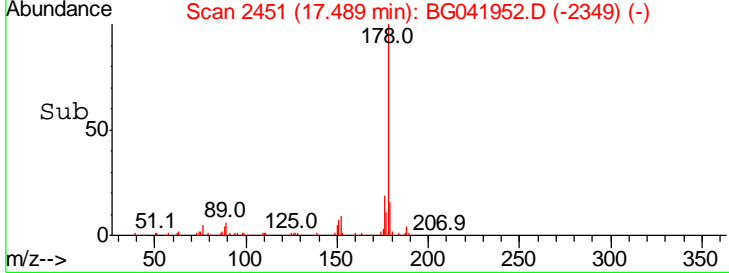
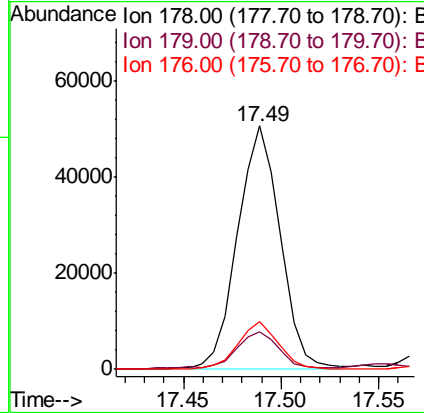
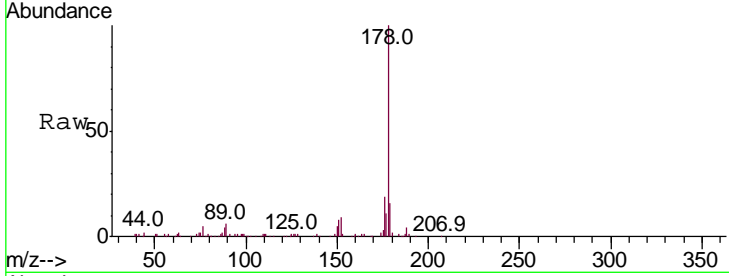




#69
 Phenanthrene
 Concen: 3.084 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

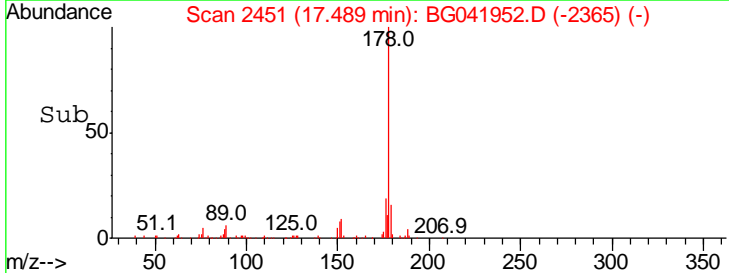
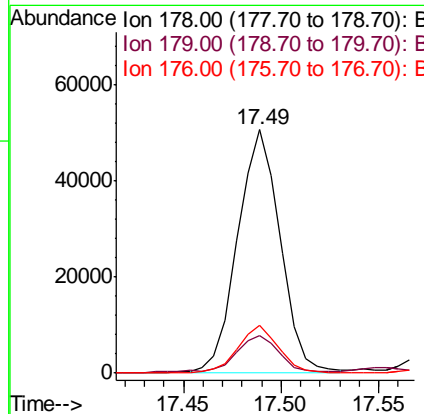
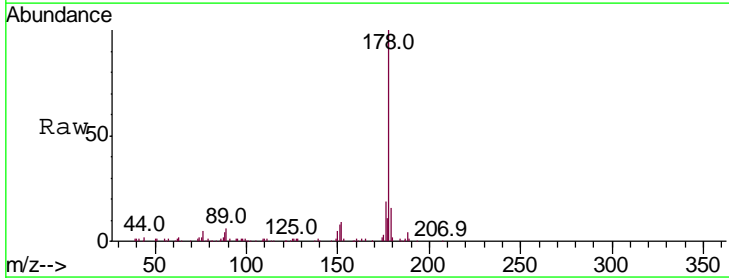
Instrument :
 BNA_G
 ClientSampled :

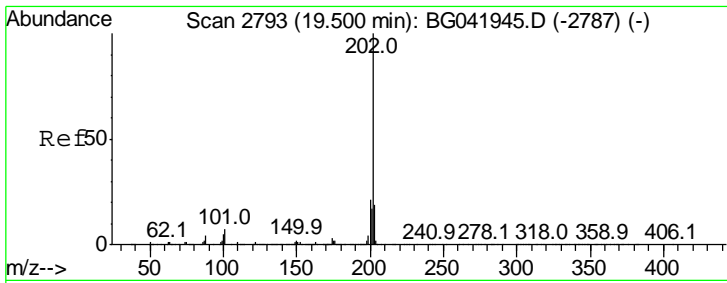
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.4	15.4	23.2



#71
 Anthracene
 Concen: 3.041 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.10 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.7	13.4	20.0
176	19.4	15.4	23.2

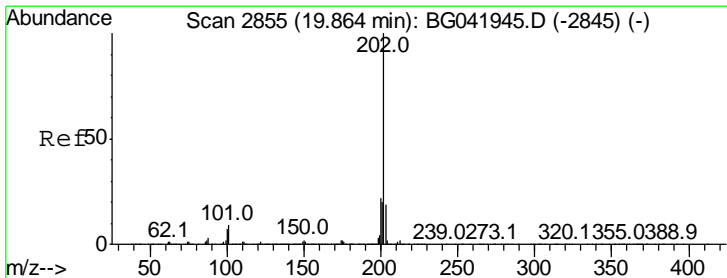
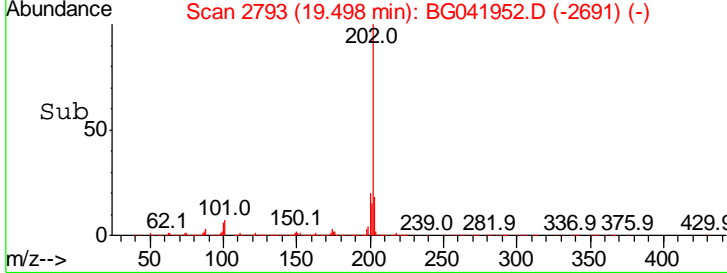
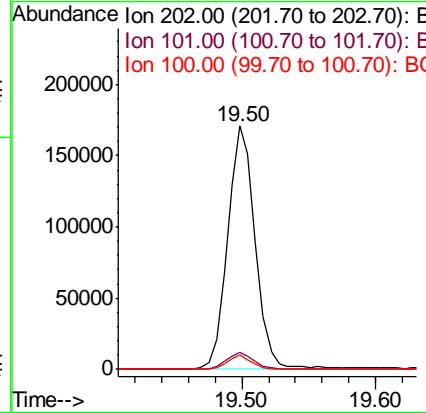
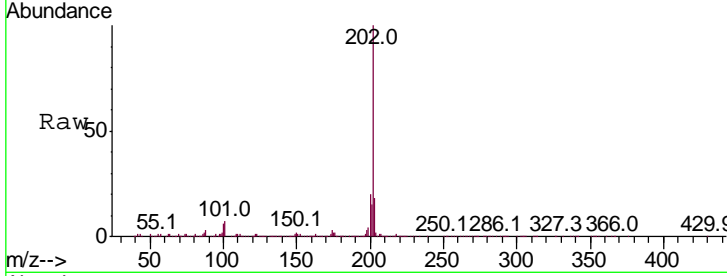




#76
 Fluoranthene
 Concen: 8.600 ng/ul
 RT: 19.50 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

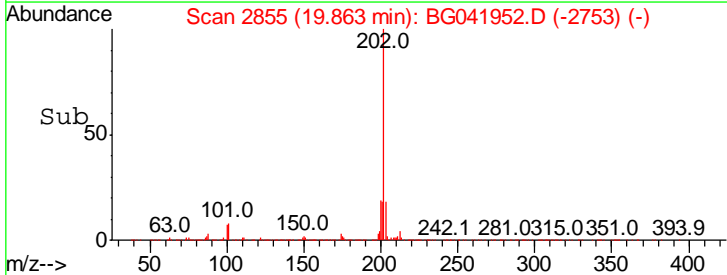
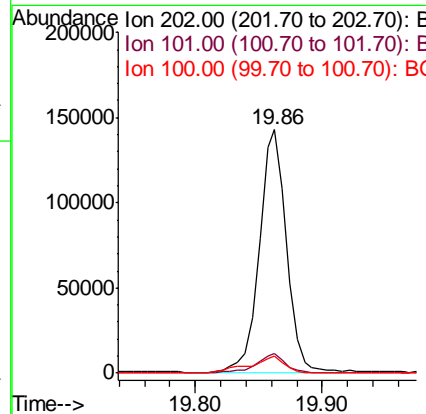
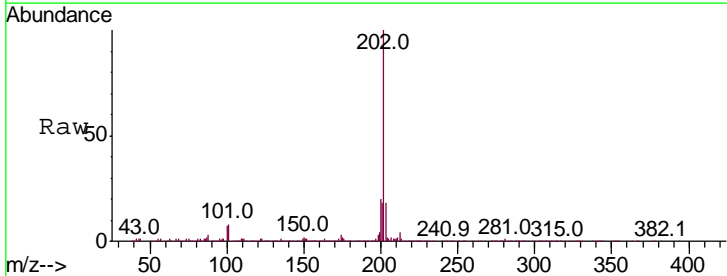
Instrument :
 BNA_G
 ClientSampled :

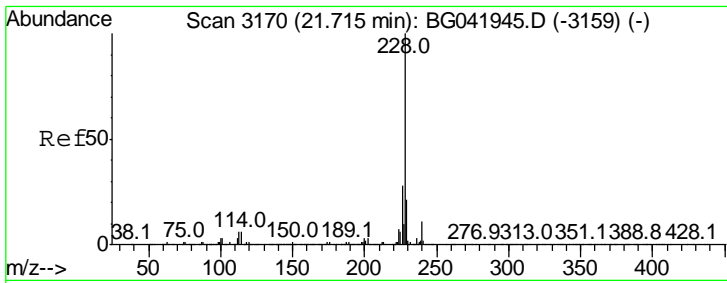
Tgt Ion	Resp	Lower	Upper
202	100		
101	6.9	6.7	10.1
100	5.7	5.3	7.9



#79
 Pyrene
 Concen: 6.965 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Resp	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	7.0	6.5	9.7

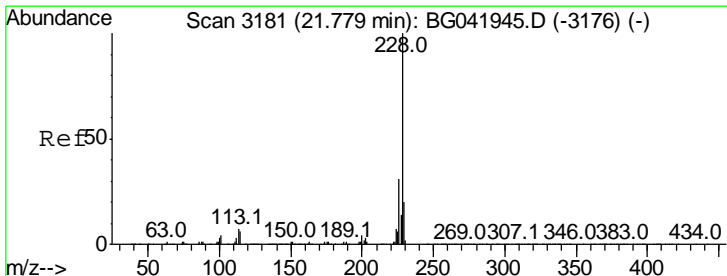
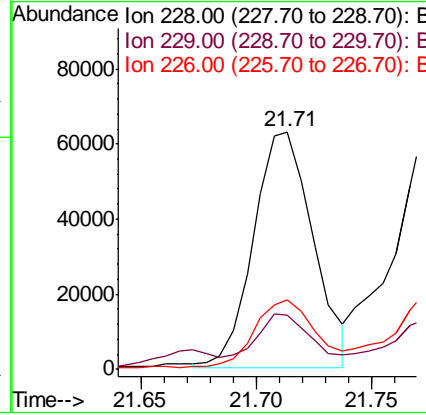
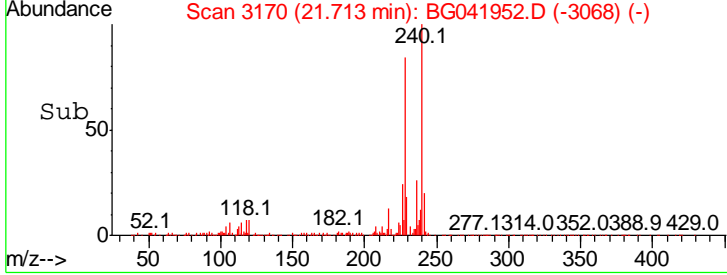
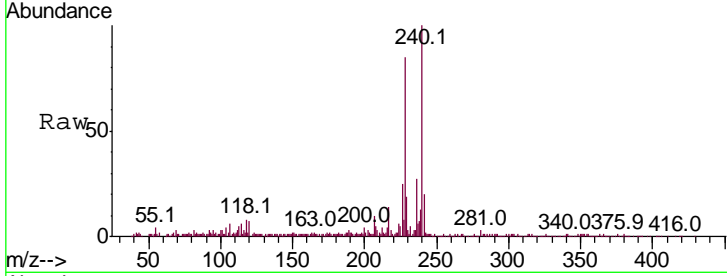




#82
 Benzo(a)anthracene
 Concen: 3.591 ng/ul
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

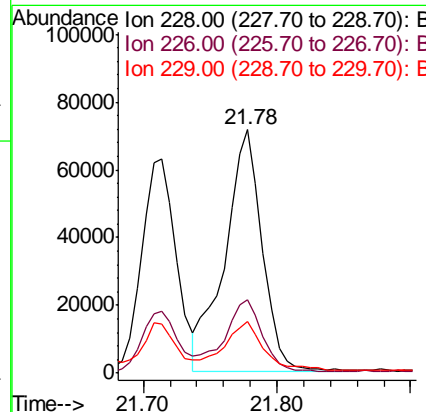
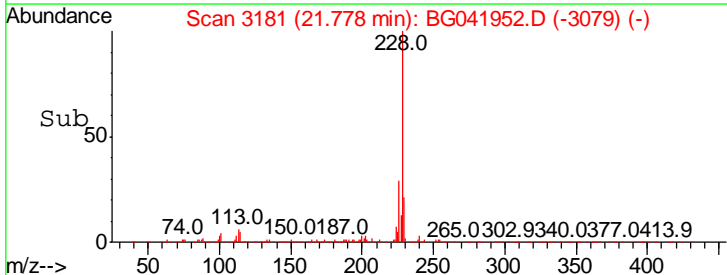
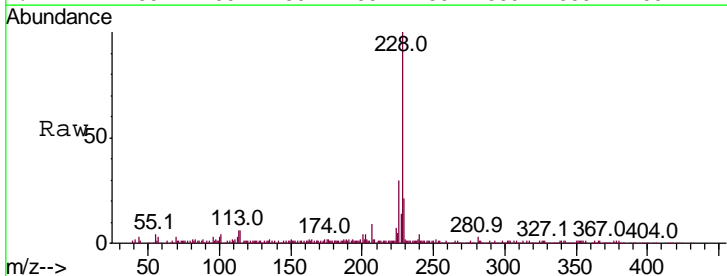
Instrument :
 BNA_G
 ClientSampled :

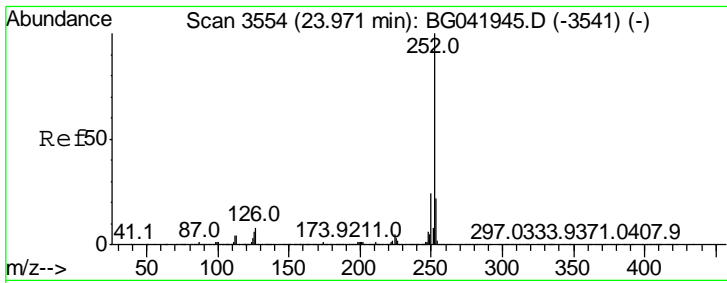
Tgt Ion	Resp	Lower	Upper
228	112822		
229	22.9	17.0	25.6
226	29.1	23.3	34.9



#84
 Chrysene
 Concen: 4.799 ng/ul
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Resp	Lower	Upper
228	140718		
226	30.0	25.7	38.5
229	21.4	16.6	24.8

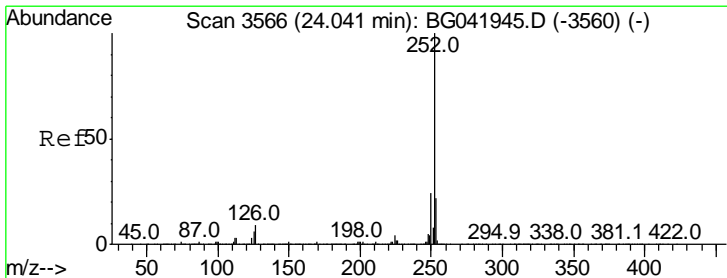
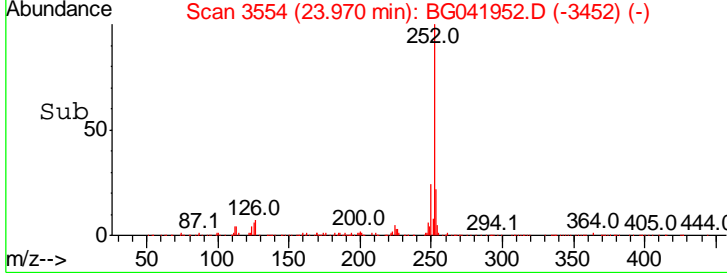
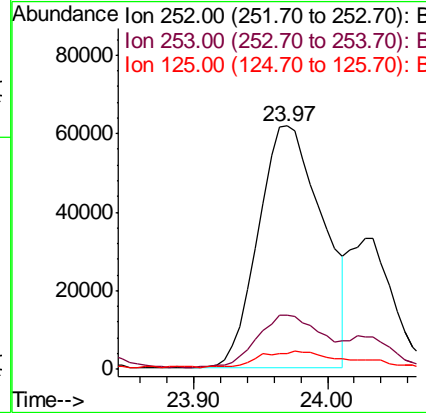
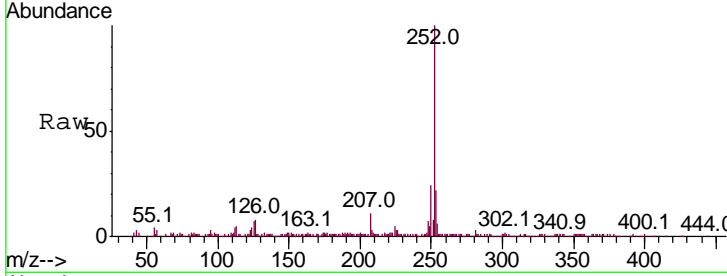




#87
 Benzo(b)fluoranthene
 Concen: 6.392 ng/ul
 RT: 23.97 min Scan# 3554
 Delta R.T. -0.00 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

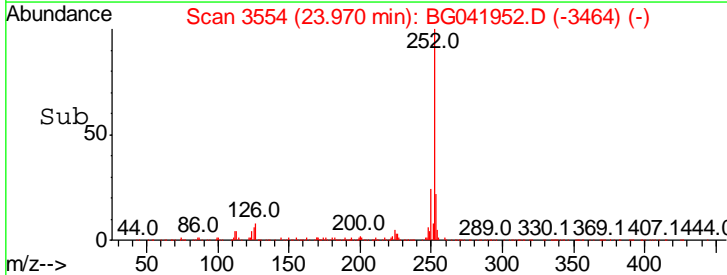
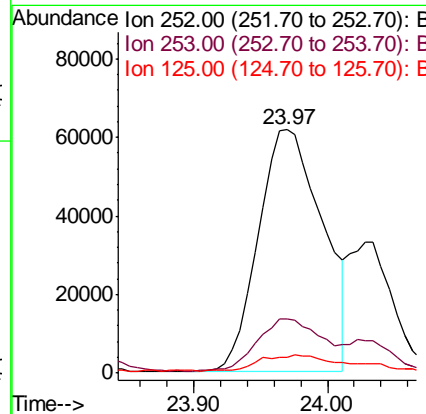
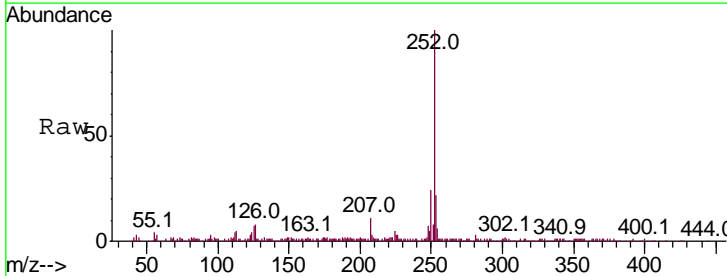
Instrument :
 BNA_G
 ClientSampled :

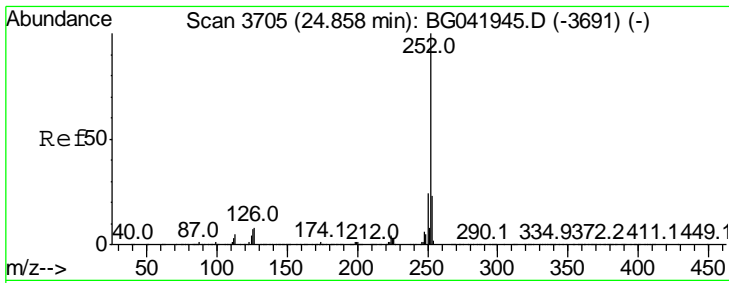
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.7	5.8	8.8



#88
 Benzo(k)fluoranthene
 Concen: 6.648 ng/ul
 RT: 23.97 min Scan# 3554
 Delta R.T. -0.07 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.7	5.5	8.3

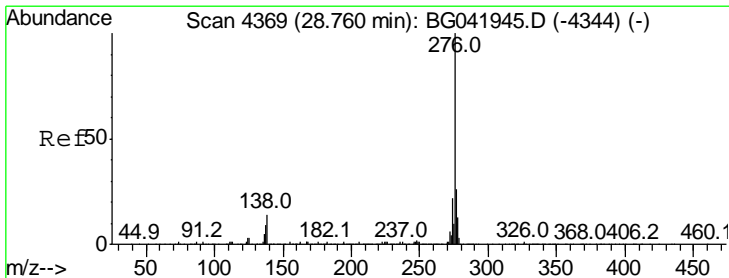
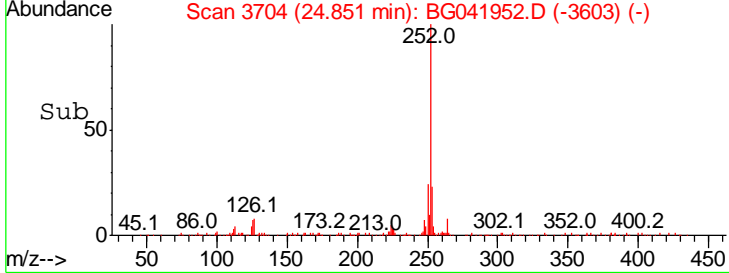
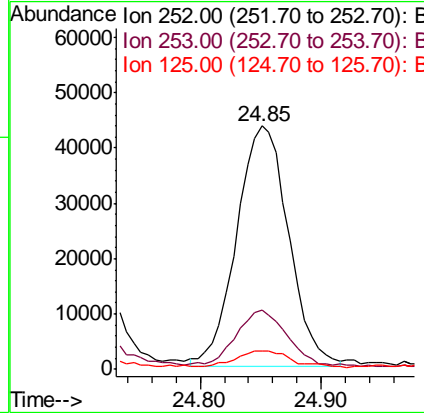
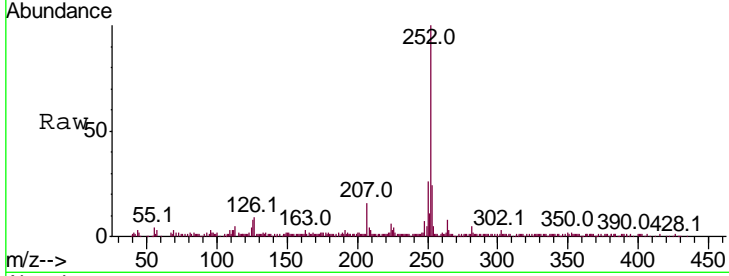




#90
 Benzo(a)pyrene
 Concen: 4.244 ng/ul
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

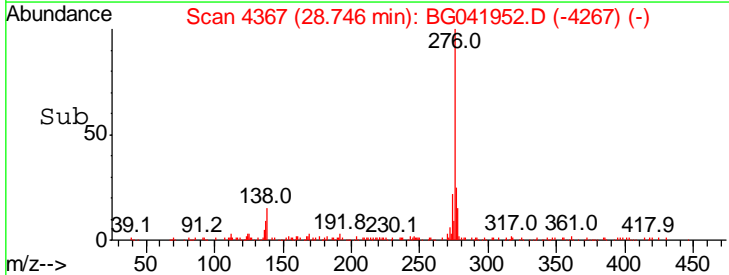
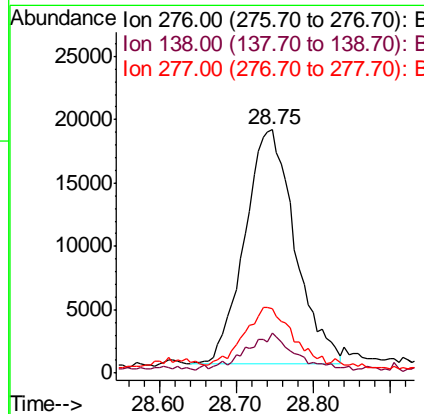
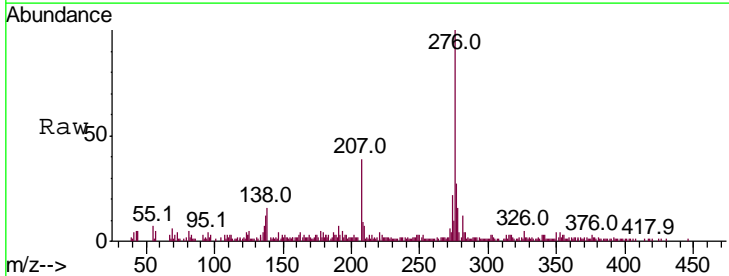
Instrument :
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 ClientSampled :

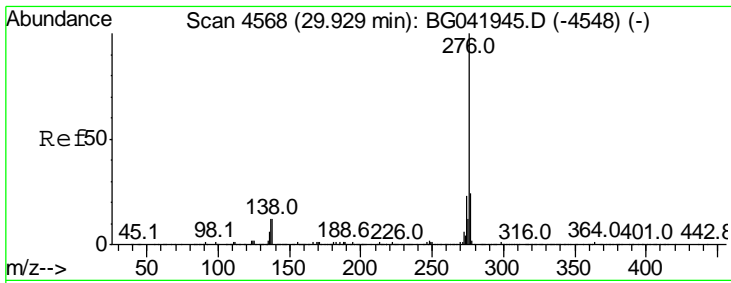
Tgt Ion	Resp	Lower	Upper
252	100		
253	24.3	18.3	27.5
125	7.8	6.5	9.7



#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.351 ng/ul
 RT: 28.75 min Scan# 4367
 Delta R.T. -0.01 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Tgt Ion	Resp	Lower	Upper
276	100		
138	16.4	12.0	18.0
277	26.6	19.2	28.8





#93
 Benzo(a,h,i)perylene
 Concen: 1.115 ng/ul
 RT: 29.89 min Scan# 4562
 Delta R.T. -0.04 min
 Lab File: BG041952.D
 Acq: 4 Aug 2019 21:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 276 Resp: 33156

Ion	Ratio	Lower	Upper
276	100		
138	11.6	12.6	18.8
277	23.1	19.2	28.8

