

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042116.D
 Acq On : 10 Aug 2019 00:01
 Operator : HP/JU
 Sample : K4041-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:32:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	328169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	229740	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	482838	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	477794	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	566208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3782	2.08	ng/uL	0.00
5) Phenol-d5	7.18	99	88408	14.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	48615	13.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	88749	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	76470	14.57	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	44253	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55298	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	98198	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	101167	15.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	307829	17.28	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	366930	18.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	21908	7.32	ng/ul	0.01
57) Fluorene-d10	15.68	176	281351	17.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37902	12.24	ng/ul	0.00
70) Anthracene-d10	17.54	188	434024	18.74	ng/ul	0.00
78) Pyrene-d10	19.82	212	494014	18.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	556671	18.82	ng/ul	0.00

Target Compounds

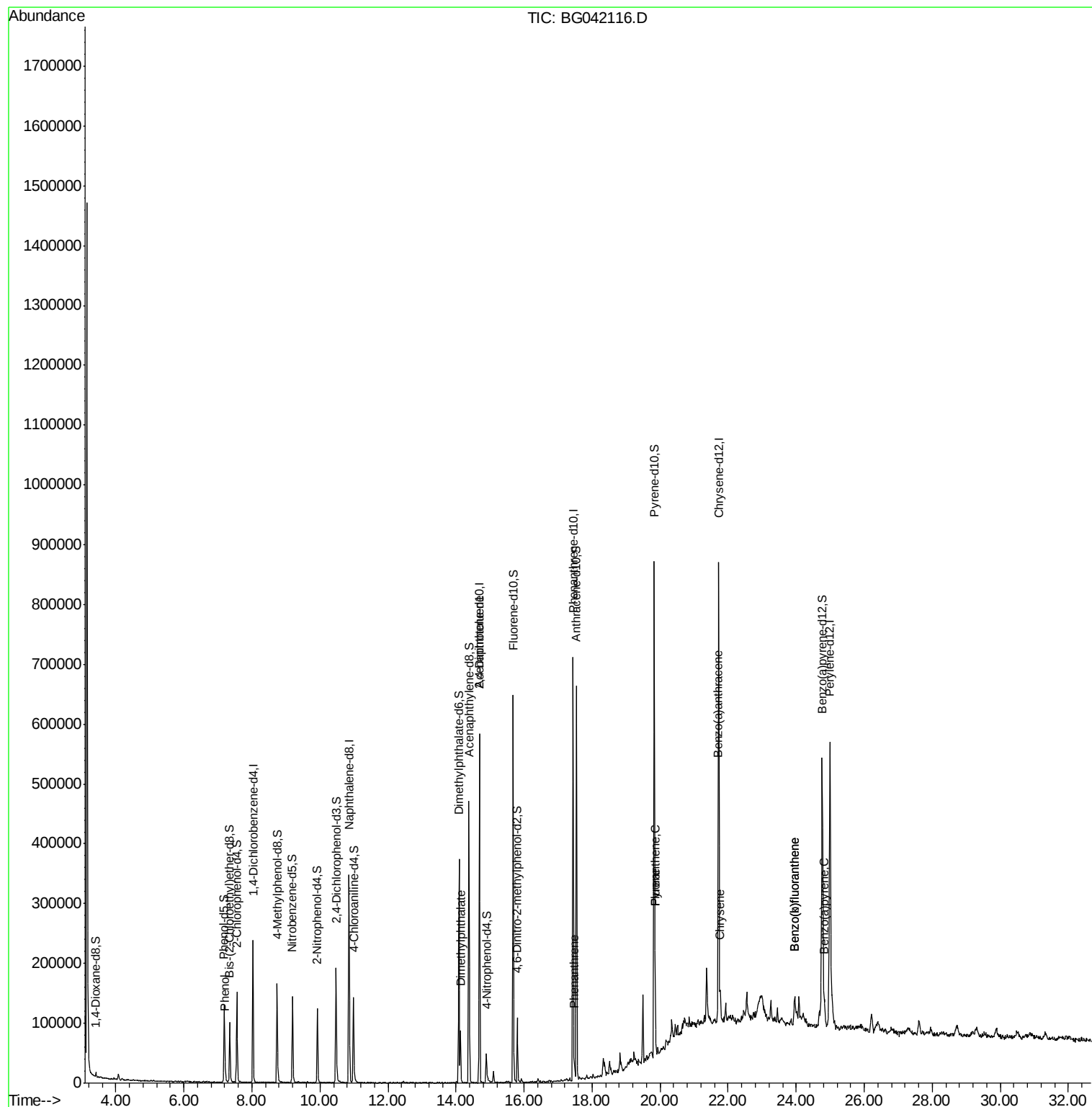
					Ovalue
6) Phenol	7.21	94	13226	2.050 ng/ul	92
44) Dimethylphthalate	14.13	163	65396	3.696 ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	29804	5.327 ng/ul#	44
69) Phenanthrene	17.48	178	30149	1.141 ng/ul	98
76) Fluoranthene	19.85	202	78849	2.582 ng/ul	98
79) Pyrene	19.85	202	78649	2.447 ng/ul#	96
82) Benzo(a)anthracene	21.70	228	40223	1.214 ng/ul	98
84) Chrysene	21.77	228	44066	1.425 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	64445	1.814 ng/ul	98
88) Benzo(k)fluoranthene	23.95	252	64445	1.886 ng/ul	97
90) Benzo(a)pyrene	24.83	252	44660	1.319 ng/ul	97

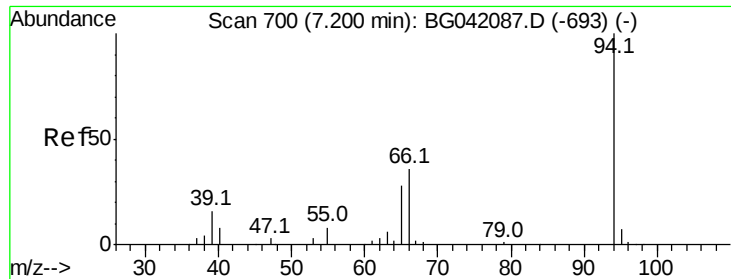
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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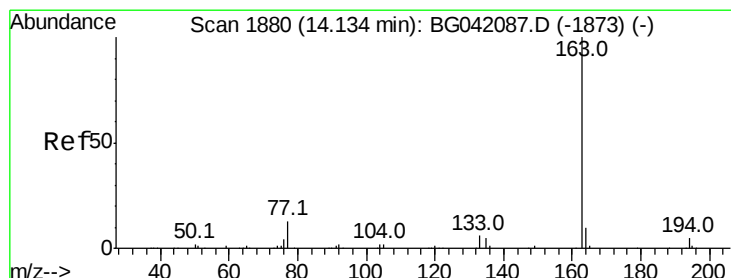
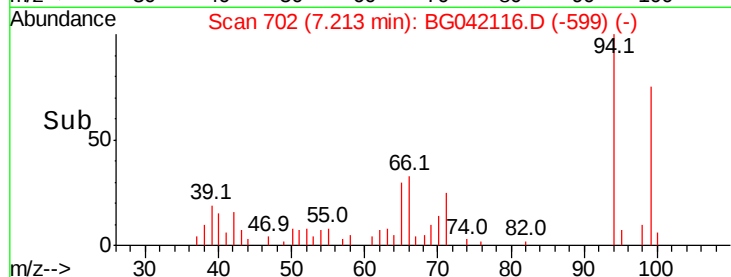
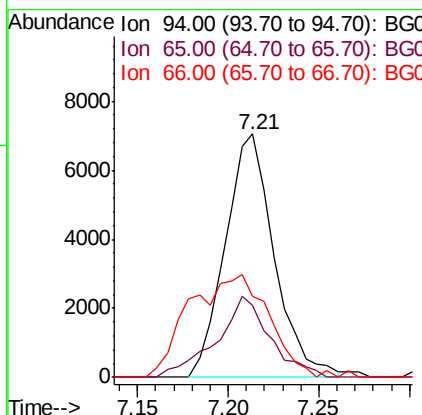
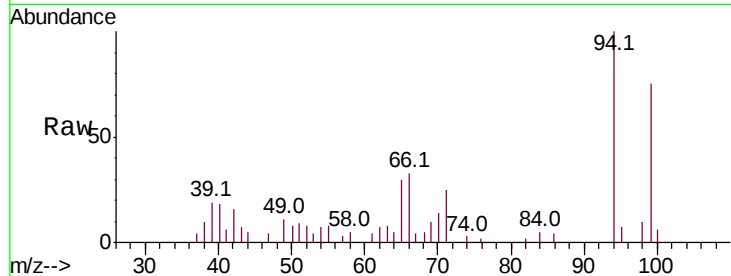
#6

Phenol

Concen: 2.050 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BG042116.D
 Acq: 10 Aug 2019 00:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 94 Resp: 13226
 Ion Ratio Lower Upper
 94 100
 65 29.7 25.8 38.6
 66 33.3 31.8 47.8

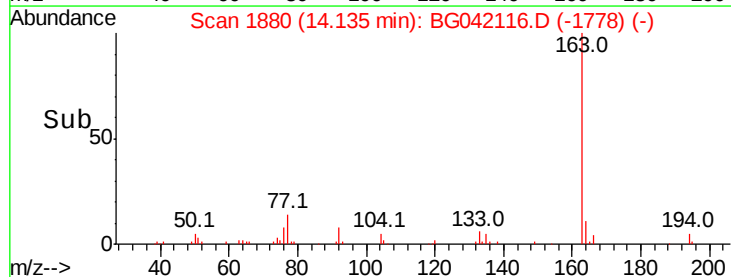
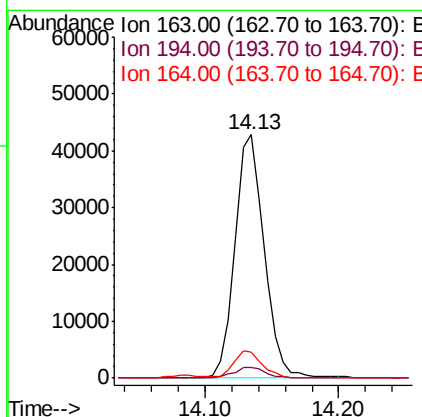
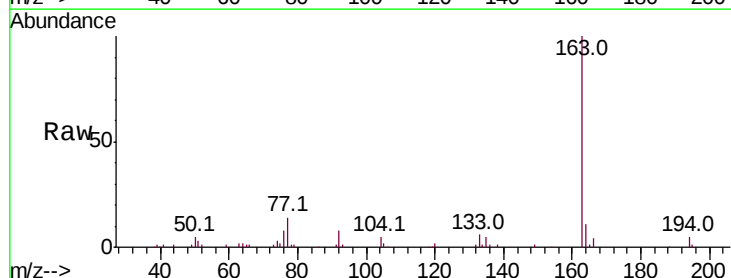


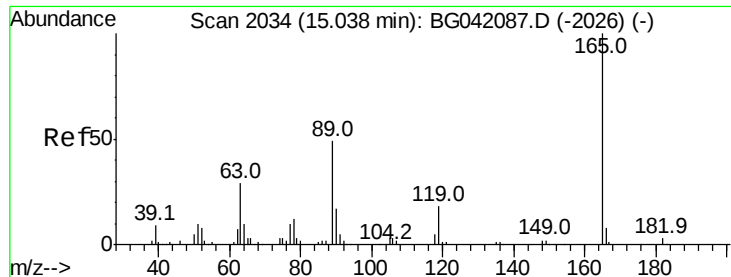
#44

Dimethylphthalate

Concen: 3.696 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042116.D
 Acq: 10 Aug 2019 00:01

Tgt Ion:163 Resp: 65396
 Ion Ratio Lower Upper
 163 100
 194 4.6 4.2 6.2
 164 10.6 7.8 11.8

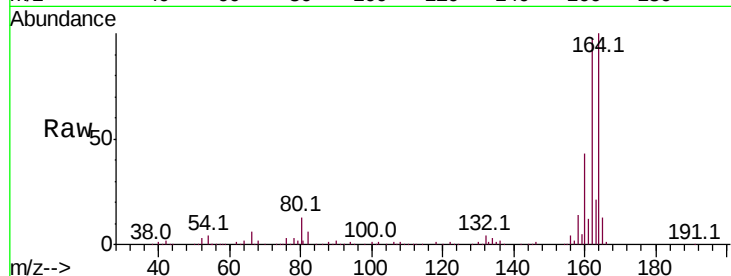




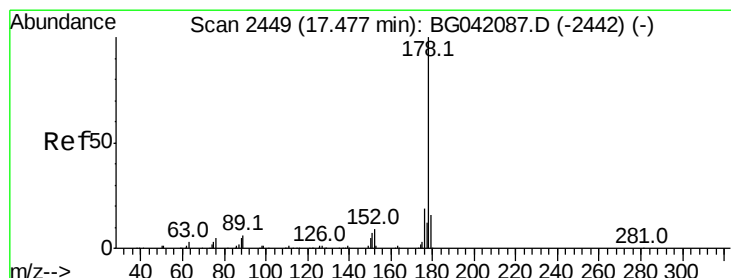
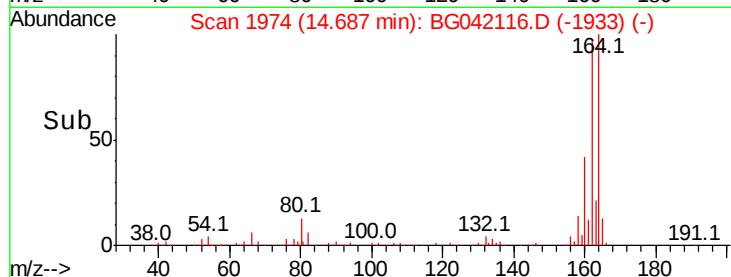
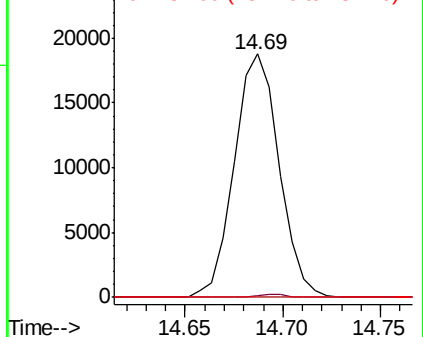
#54
 2,4-Dinitrotoluene
 Concen: 5.327 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042116.D
 Acq: 10 Aug 2019 00:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.4	44.2#
182	0.0	2.6	4.0#

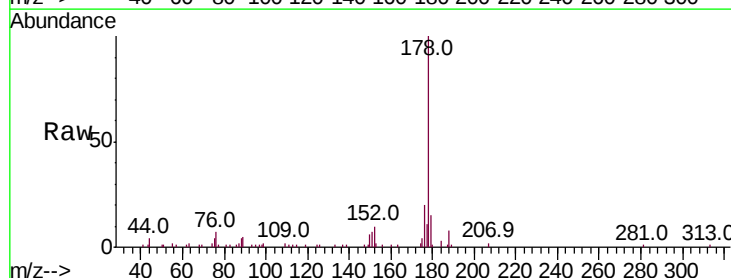


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

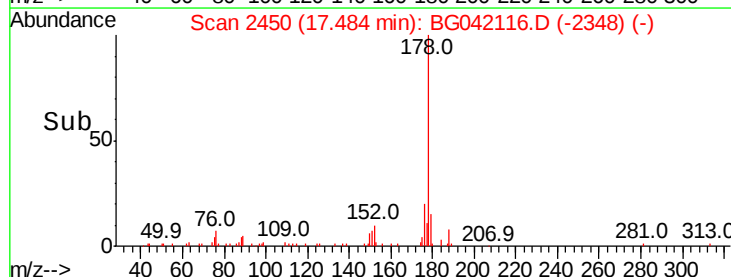
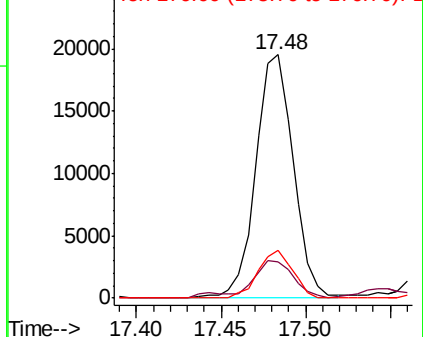


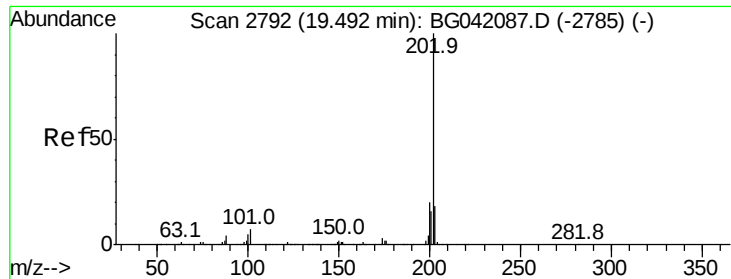
#69
 Phenanthrene
 Concen: 1.141 ng/ul
 RT: 17.48 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG042116.D
 Acq: 10 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.8	19.2
176	19.6	15.4	23.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.582 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042116.D

Acq: 10 Aug 2019 00:01

Instrument :

BNA_G

ClientSampleId :

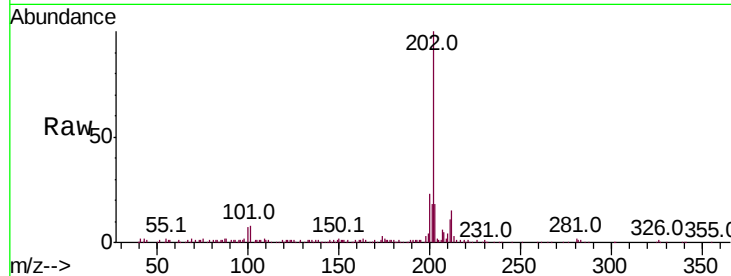
Tot Ion:202 Resp: 78849

Ion Ratio Lower Upper

202 100

101 7.5 6.7 10.1

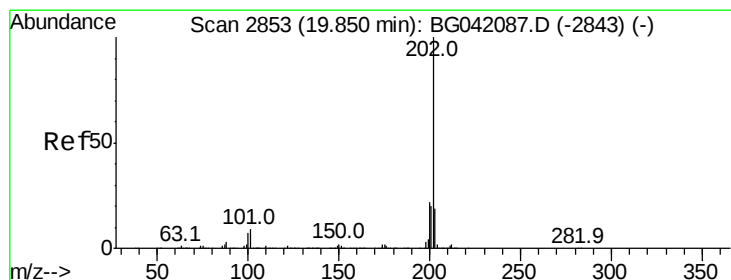
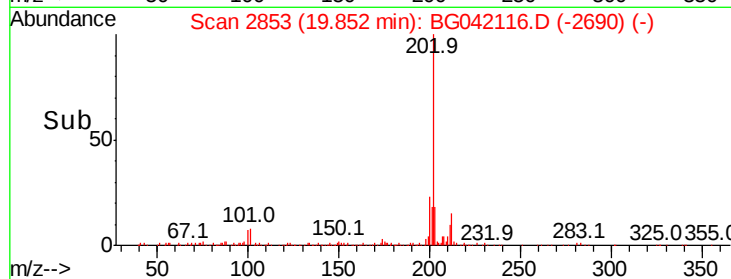
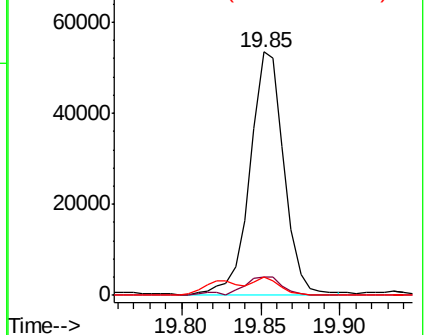
100 7.4 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 2.447 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG042116.D

Acq: 10 Aug 2019 00:01

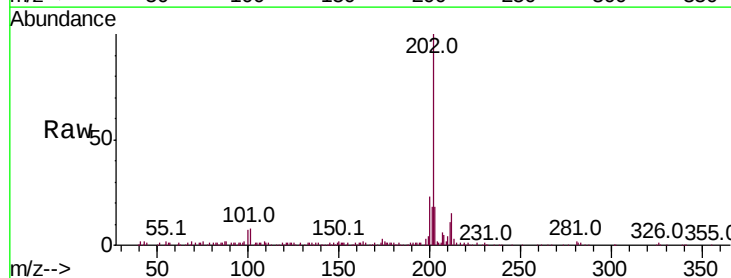
Tgt Ion:202 Resp: 78649

Ion Ratio Lower Upper

202 100

101 7.5 7.6 11.4#

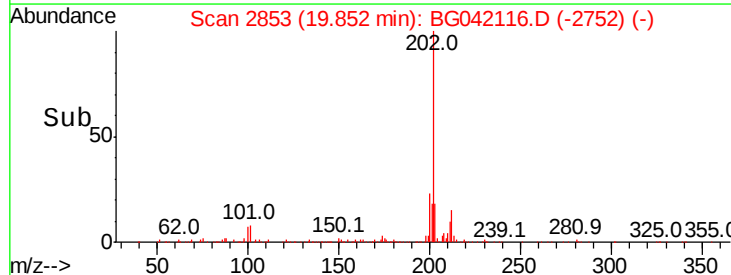
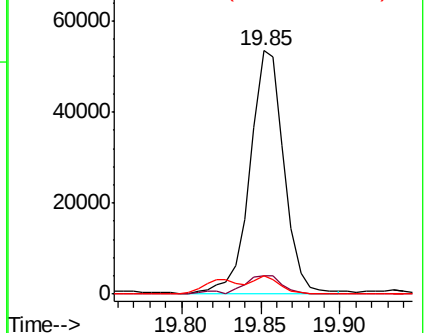
100 7.4 6.5 9.7

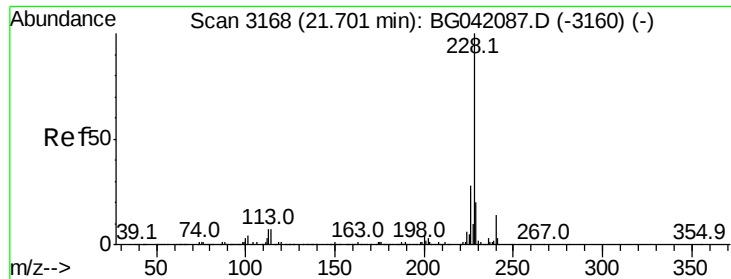


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.214 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042116.D

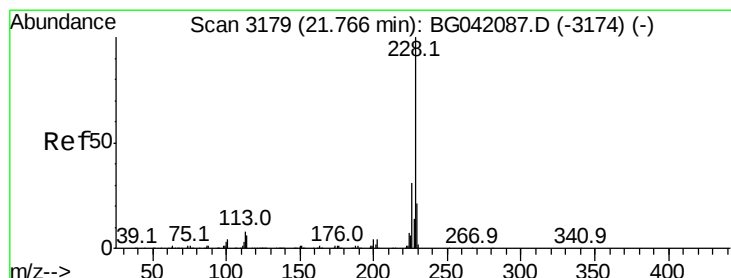
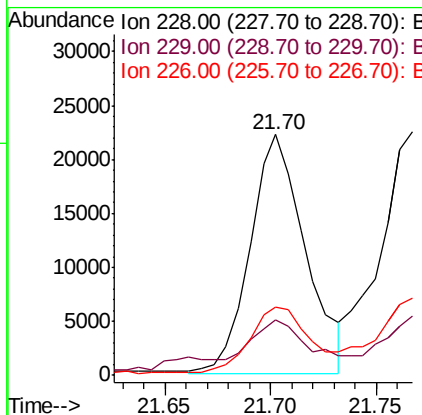
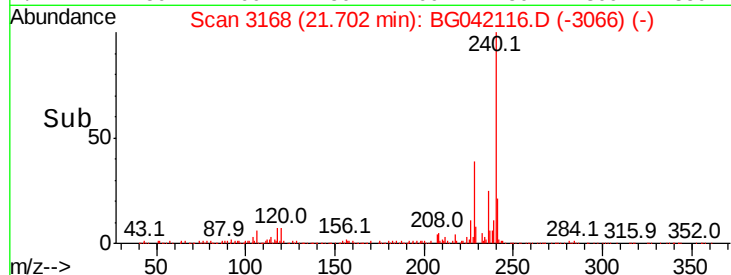
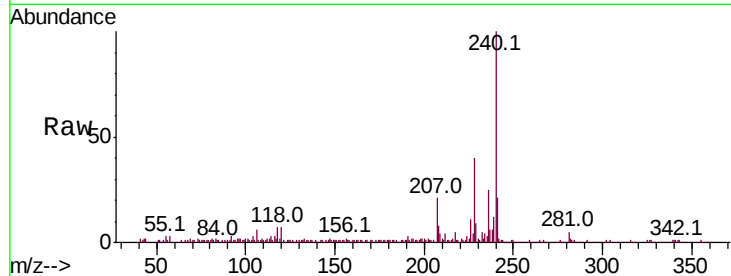
Acq: 10 Aug 2019 00:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	40223
Ion	Ratio	Lower Upper
228	100	
229	23.2	17.0 25.6
226	28.5	23.3 34.9



#84

Chrysene

Concen: 1.425 ng/ul

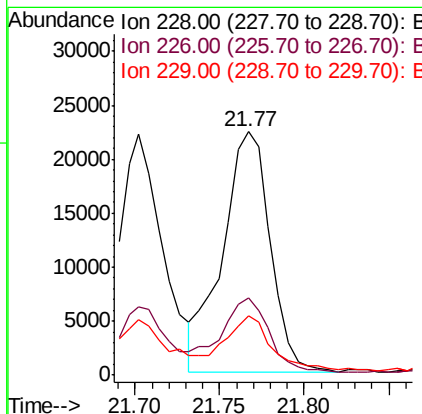
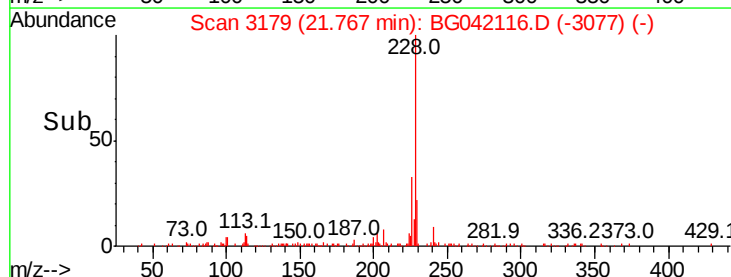
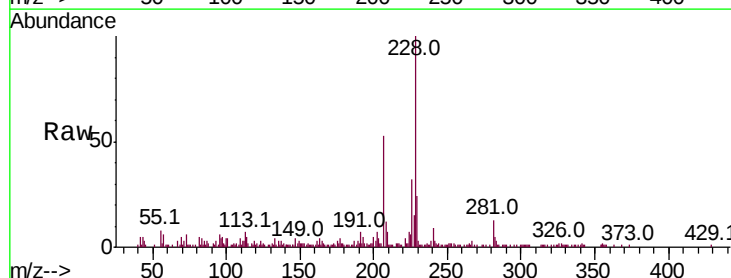
RT: 21.77 min Scan# 3179

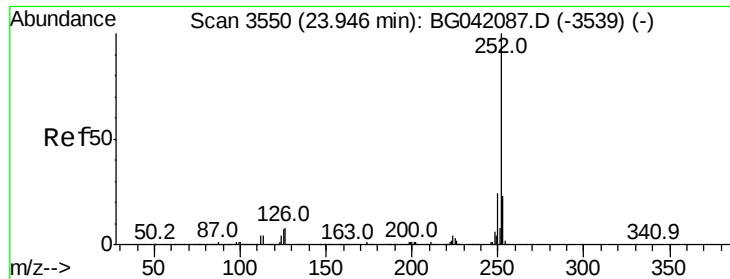
Delta R.T. 0.00 min

Lab File: BG042116.D

Acq: 10 Aug 2019 00:01

Tgt Ion:228	Resp:	44066
Ion	Ratio	Lower Upper
228	100	
226	32.0	25.7 38.5
229	24.1	16.6 24.8

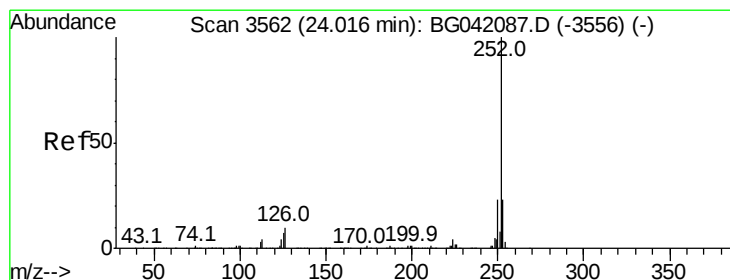
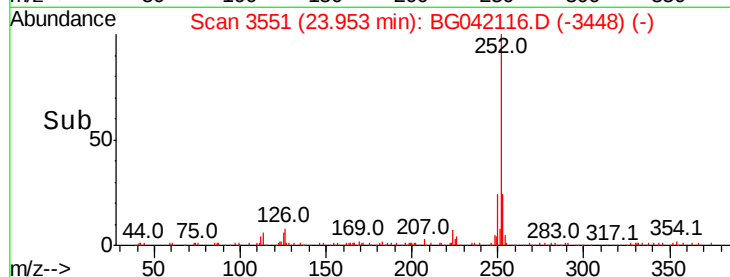
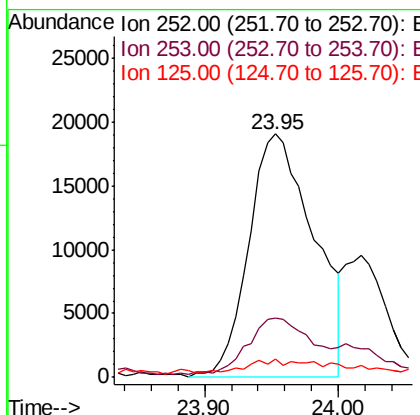
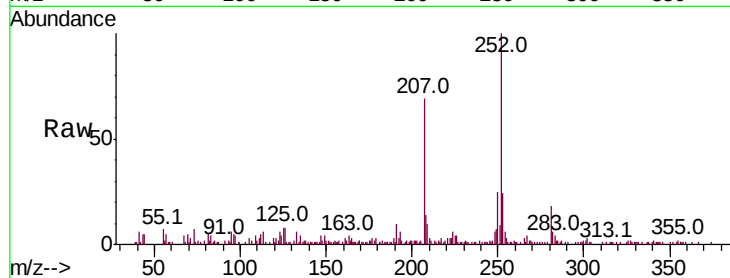




#87
Benzo(b)fluoranthene
Concen: 1.814 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BG042116.D
Acq: 10 Aug 2019 00:01

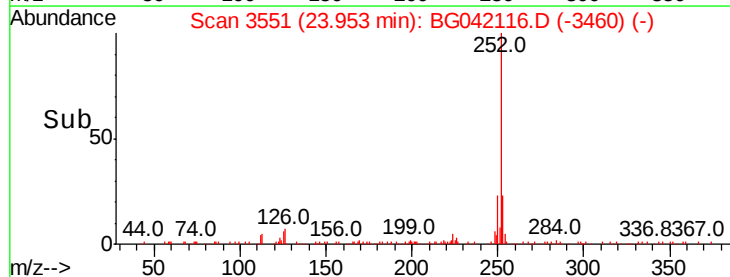
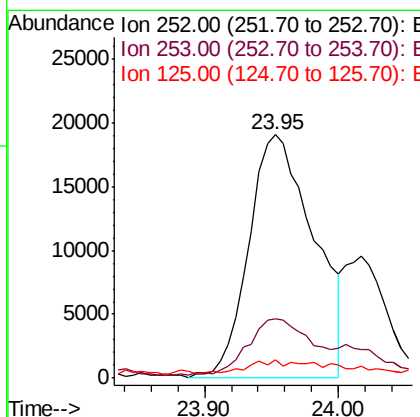
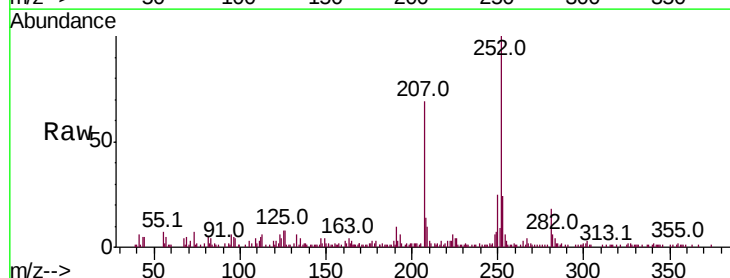
Instrument :
BNA_G
ClientSampleId :

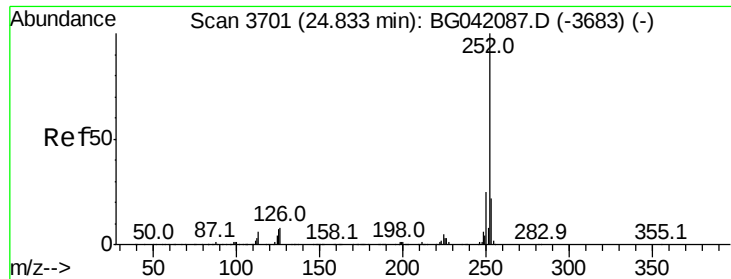
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	7.6	5.8	8.8



#88
Benzo(k)fluoranthene
Concen: 1.886 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BG042116.D
Acq: 10 Aug 2019 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.3	27.5
125	7.6	5.5	8.3





#90

Benzo(a)pyrene

Concen: 1.319 ng/ul

RT: 24.83 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG042116.D

Acq: 10 Aug 2019 00:01

Instrument :

BNA_G

ClientSampleId :

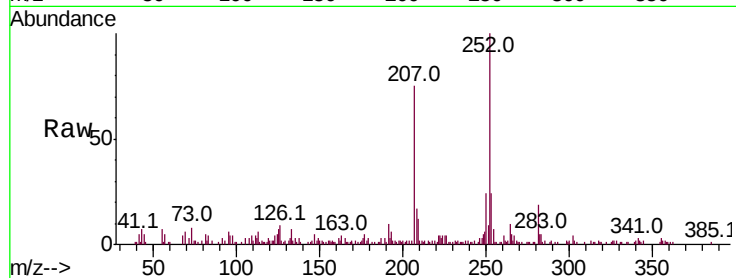
Tot Ion:252 Resp: 44660

Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

125 6.5 6.5 9.7



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

