

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043120.D
 Acq On : 10 Oct 2019 2:41
 Operator : JU
 Sample : K5175-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 05:04:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	265390	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	192791	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	447238	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	499015	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	609190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6548	4.99	ng/uL	0.00
5) Phenol-d5	7.22	99	104375	22.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	71307	27.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	101129	26.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	81050	20.04	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	56063	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	61934	29.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	112163	25.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	88524	19.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	456243	29.43	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	501960	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	24118	11.73	ng/ul	0.00
57) Fluorene-d10	15.67	176	407709	30.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	66042	23.02	ng/ul	0.00
70) Anthracene-d10	17.52	188	696299	32.96	ng/ul	0.00
78) Pyrene-d10	19.80	212	832785	33.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.70	264	1006583	33.43	ng/ul	0.01

Target Compounds

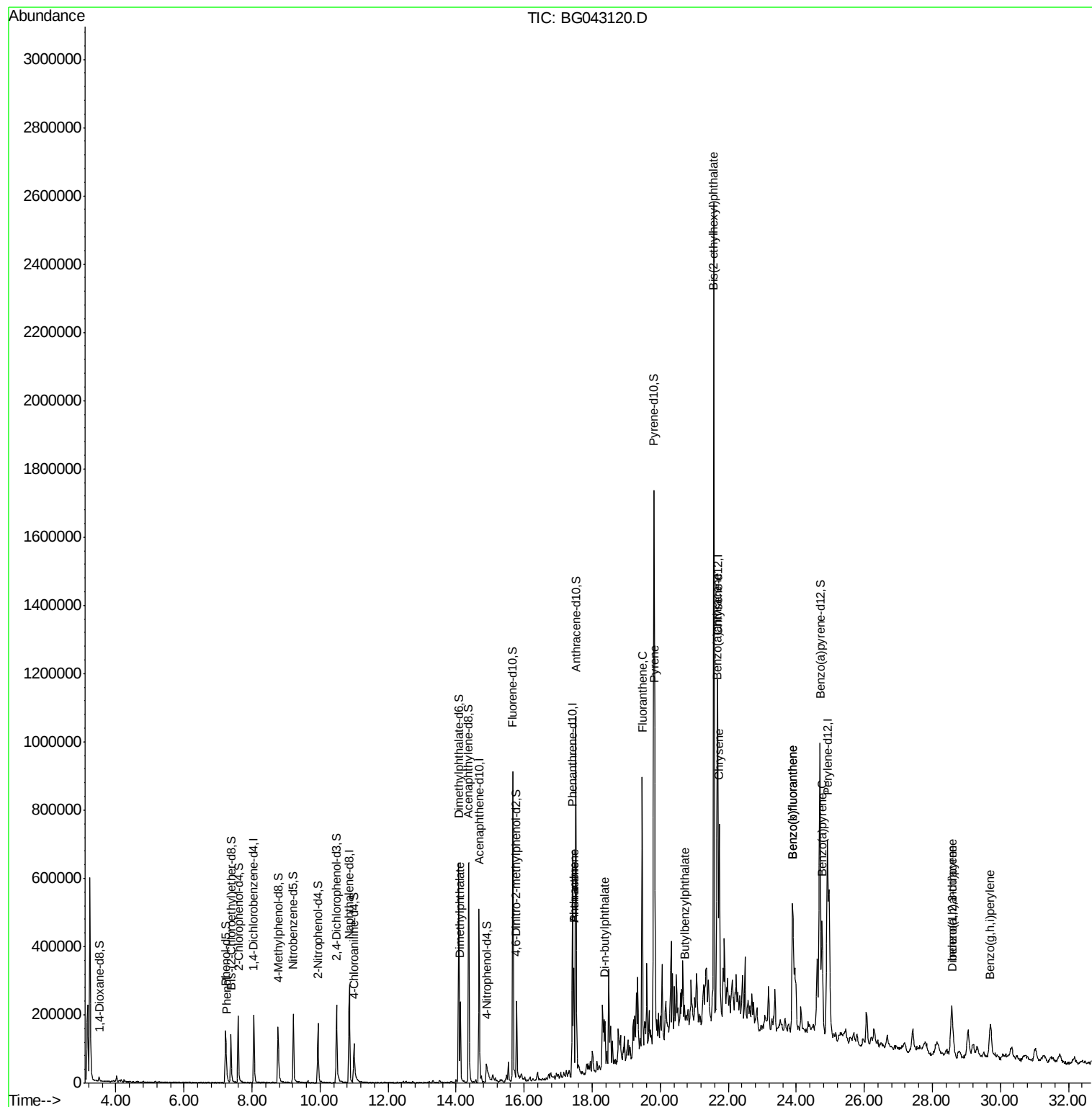
					Ovalue
6) Phenol	7.25	94	16505	3.447 ng/ul	95
44) Dimethylphthalate	14.13	163	161236	10.770 ng/ul	96
69) Phenanthrene	17.46	178	213089	9.230 ng/ul	98
71) Anthracene	17.46	178	213177	8.924 ng/ul	98
75) Di-n-butylphthalate	18.38	149	90820	3.622 ng/ul	98
76) Fluoranthene	19.47	202	550917	18.705 ng/ul	100
79) Pyrene	19.83	202	591962	19.289 ng/ul	99
80) Butylbenzylphthalate	20.71	149	16086	1.392 ng/ul	95
82) Benzo(a)anthracene	21.67	228	387771	11.613 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.58	149	950995	57.380 ng/ul	95
84) Chrysene	21.74	228	424823	13.520 ng/ul	96
87) Benzo(b)fluoranthene	23.89	252	499909	13.789 ng/ul	97
88) Benzo(k)fluoranthene	23.89	252	499909	14.110 ng/ul	99
90) Benzo(a)pyrene	24.76	252	392258	11.304 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.57	276	257910	6.132 ng/ul#	96
92) Dibenzo(a,h)anthracene	28.60	278	40553	1.136 ng/ul	93
93) Benzo(g,h,i)perylene	29.71	276	213042	5.975 ng/ul	97

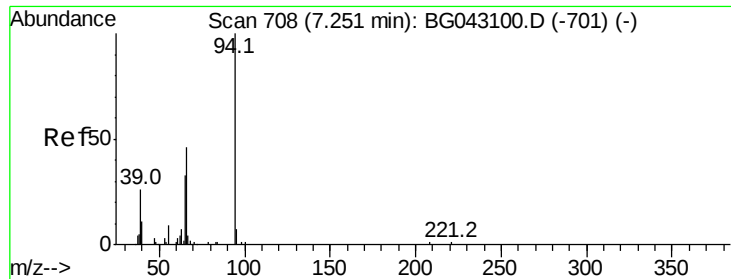
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.447 ng/ul

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

ClientSampleId :

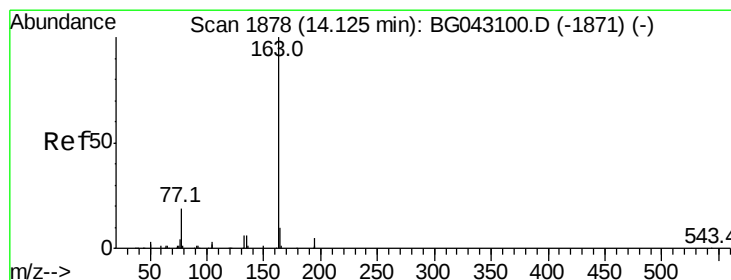
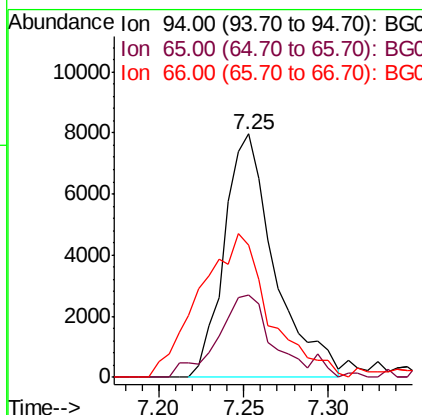
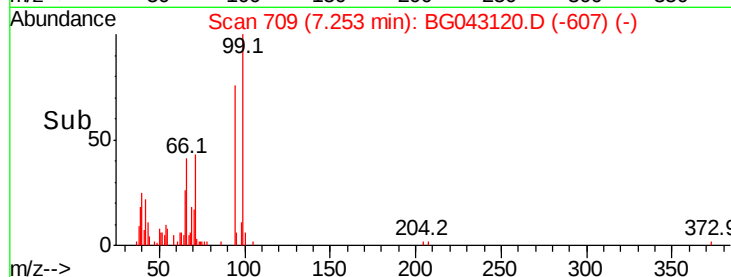
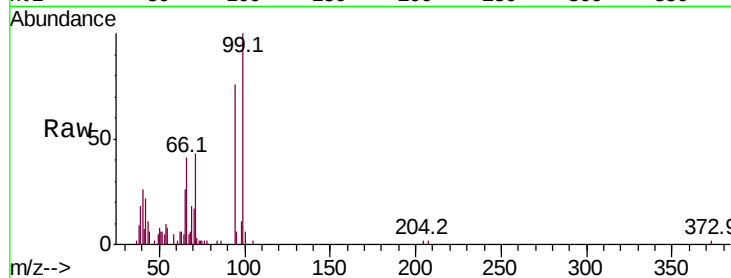
Tot Ion: 94 Resp: 16505

Ion Ratio Lower Upper

94 100

65 33.8 27.2 40.8

66 54.4 38.7 58.1



#44

Dimethylphthalate

Concen: 10.770 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

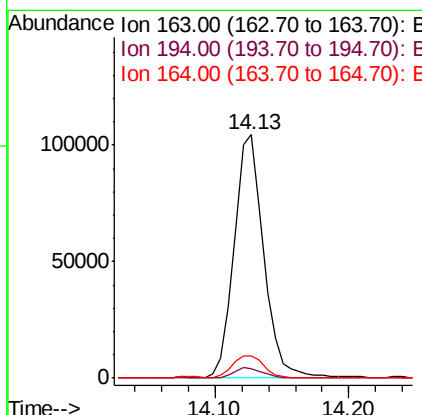
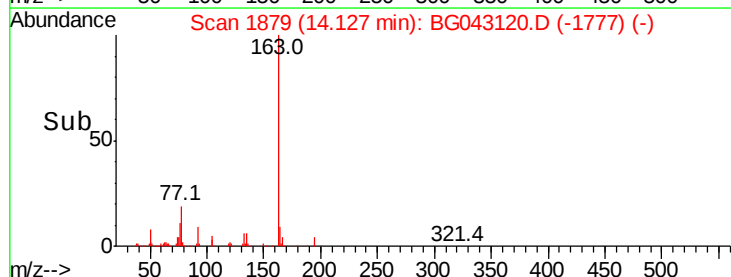
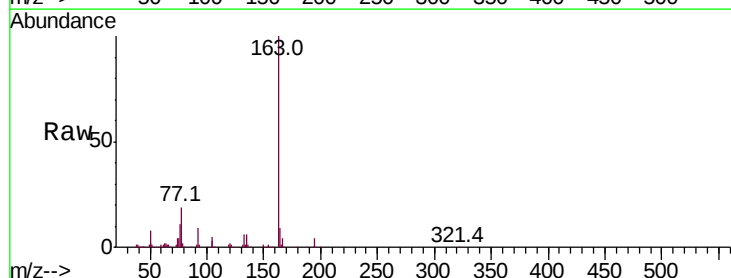
Tgt Ion: 163 Resp: 161236

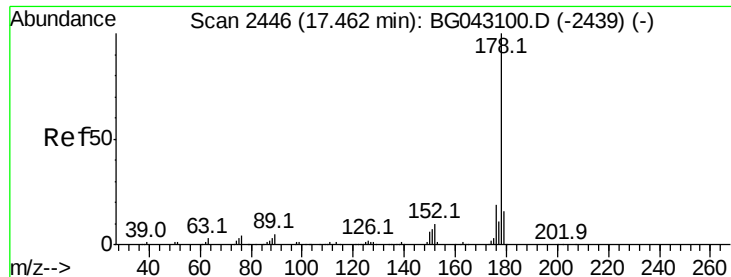
Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

164 9.0 8.6 12.8





#69

Phenanthrene

Concen: 9.230 ng/ul

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

ClientSampleId :

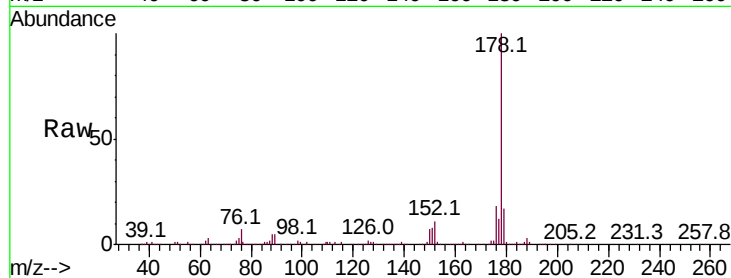
Tot Ion:178 Resp: 213089

Ion Ratio Lower Upper

178 100

179 17.3 13.0 19.4

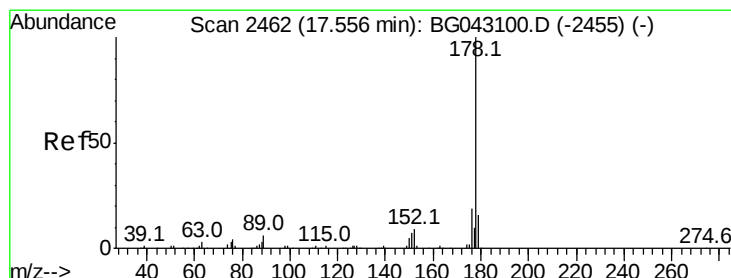
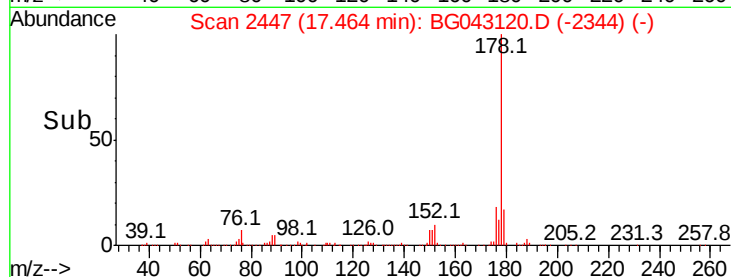
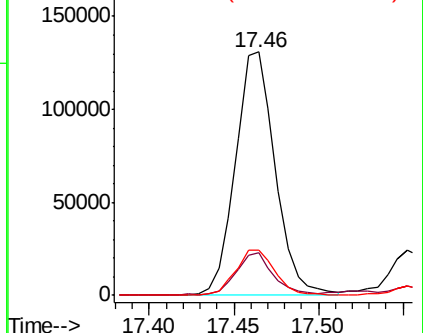
176 18.5 15.2 22.8



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



#71

Anthracene

Concen: 8.924 ng/ul

RT: 17.46 min Scan# 2447

Delta R.T. -0.09 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

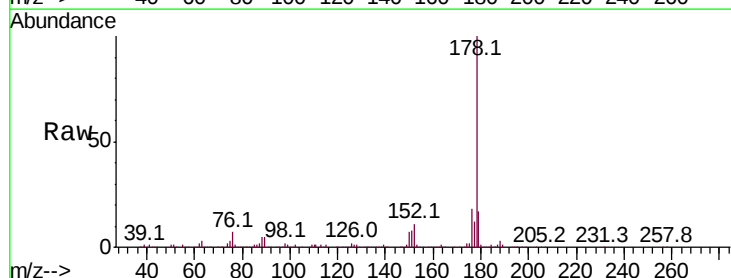
Tgt Ion:178 Resp: 213177

Ion Ratio Lower Upper

178 100

179 17.3 13.0 19.4

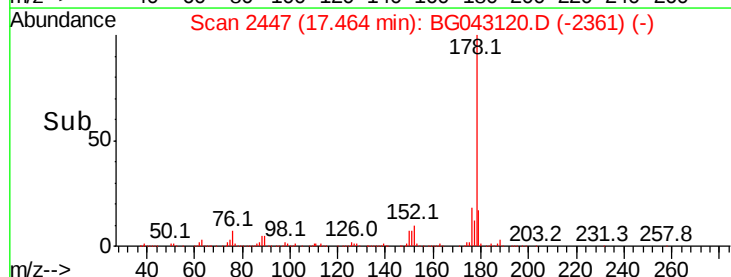
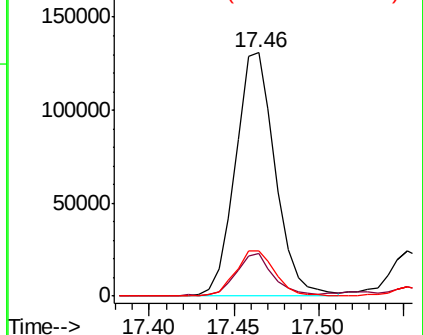
176 18.5 15.4 23.2

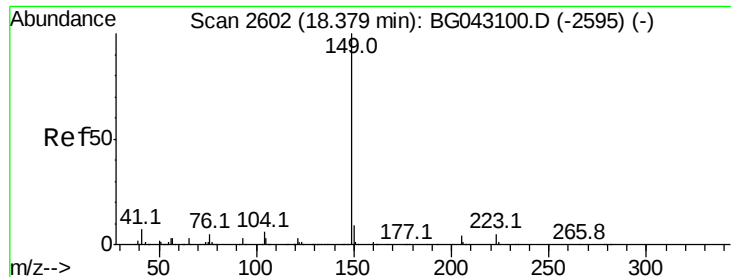


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

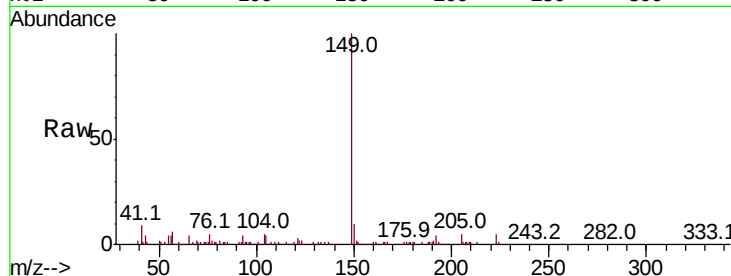




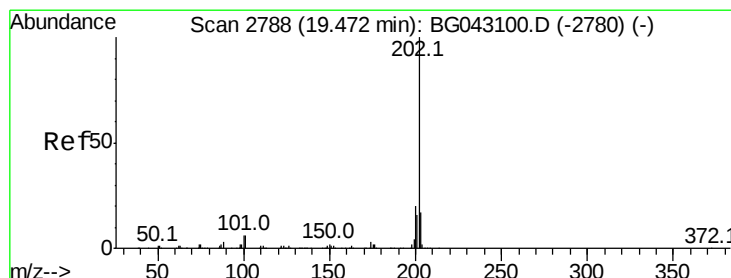
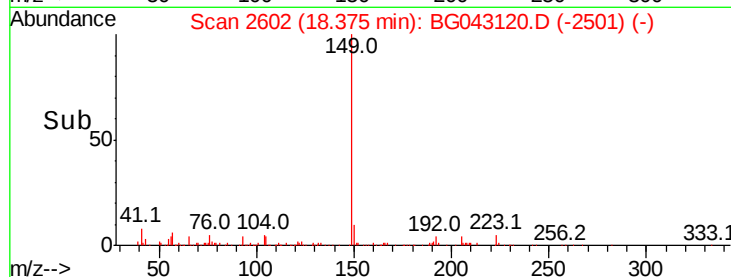
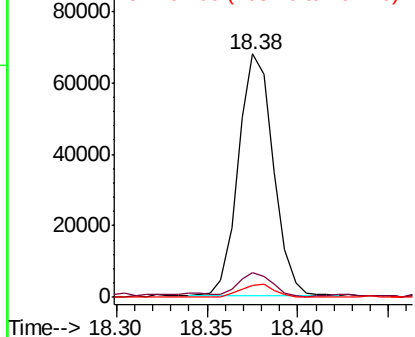
#75
Di-n-butylphthalate
Concen: 3.622 ng/ul
RT: 18.38 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.5	11.3
104	5.2	4.7	7.1

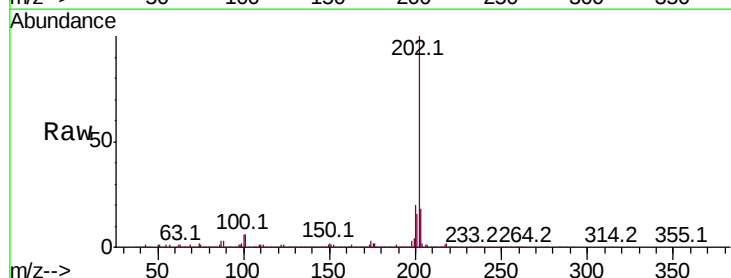


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

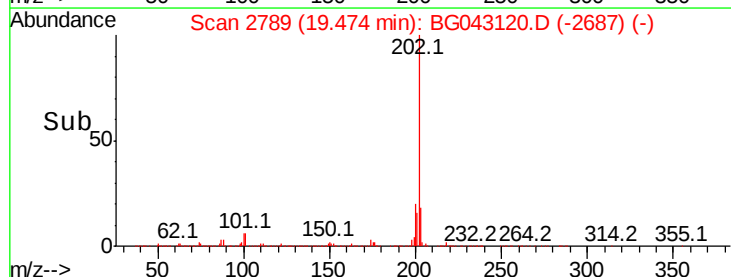
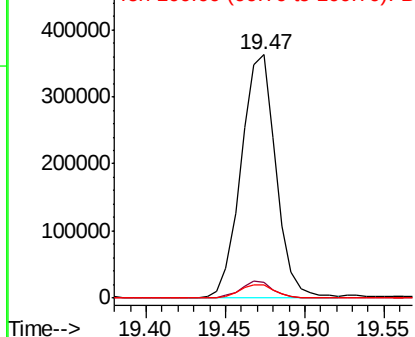


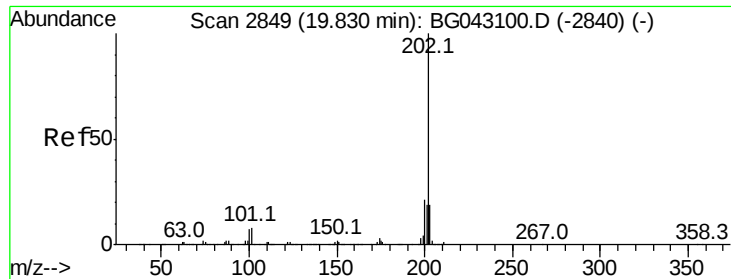
#76
Fluoranthene
Concen: 18.705 ng/ul
RT: 19.47 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.6
100	5.5	4.6	7.0



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

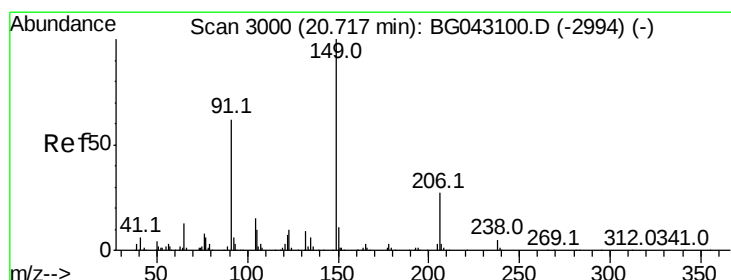
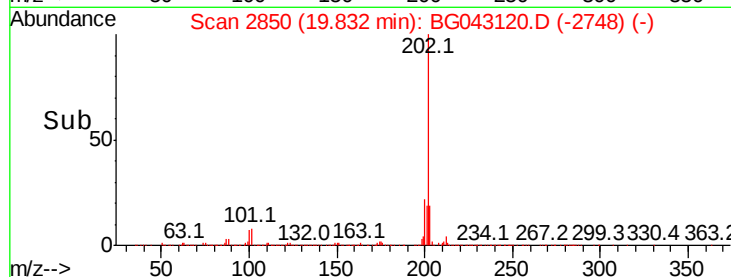
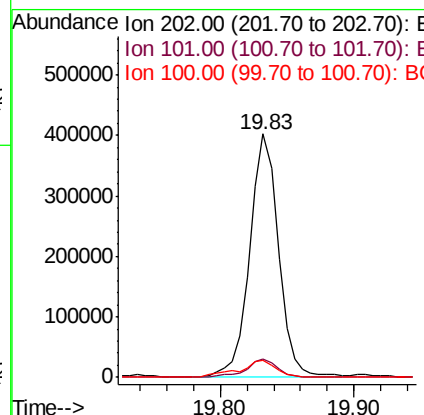
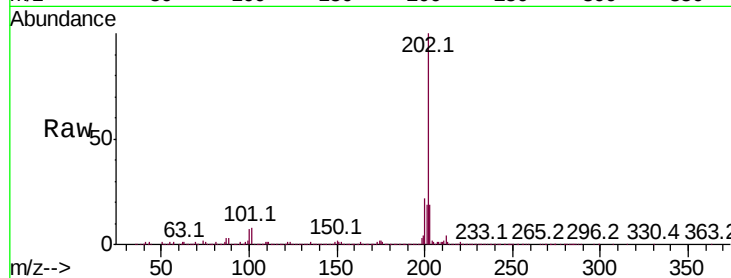




#79
Pvrene
Concen: 19.289 ng/ul
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

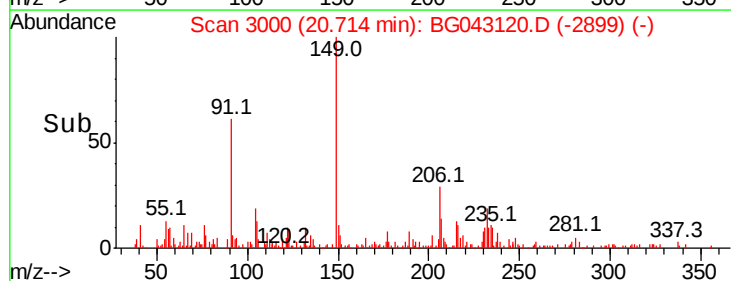
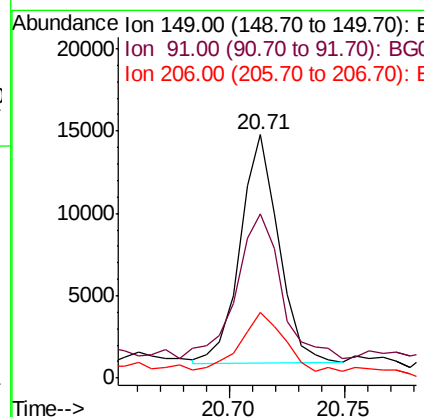
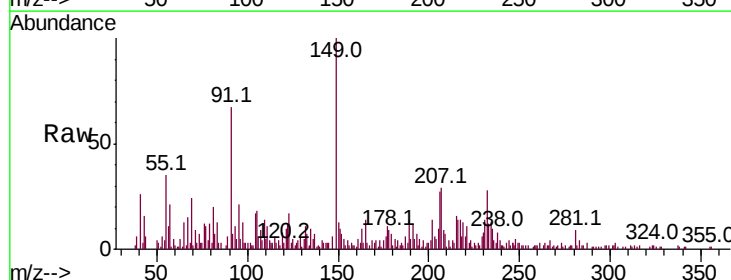
Instrument :
BNA_G
ClientSampled :

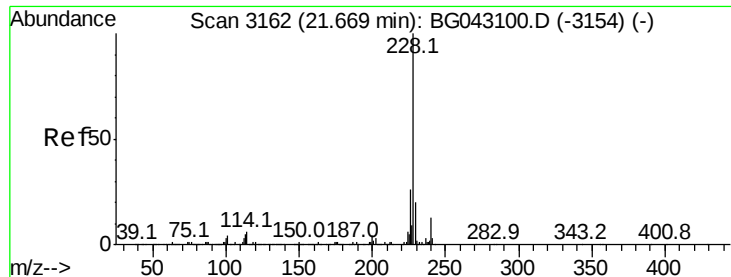
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
100	7.0	5.4	8.2



#80
Butylbenzylphthalate
Concen: 1.392 ng/ul
RT: 20.71 min Scan# 3000
Delta R.T. -0.00 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	49.4	74.0
206	26.8	21.6	32.4





#82

Benzo(a)anthracene

Concen: 11.613 ng/ul

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

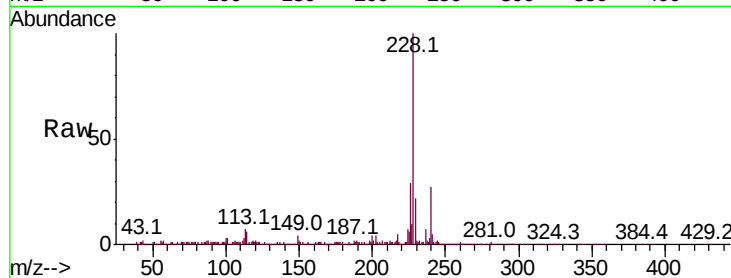
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 387771

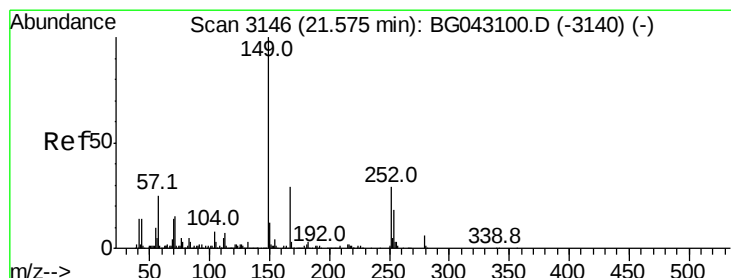
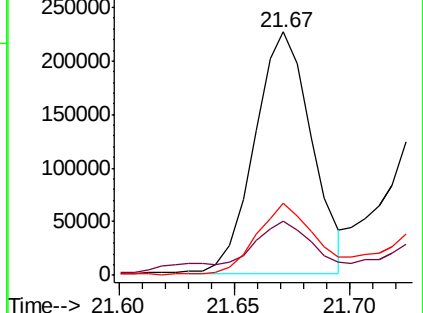
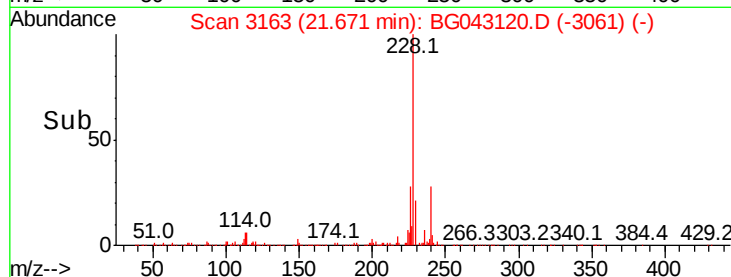
Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	29.4	21.0	31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.380 ng/ul

RT: 21.58 min Scan# 3147

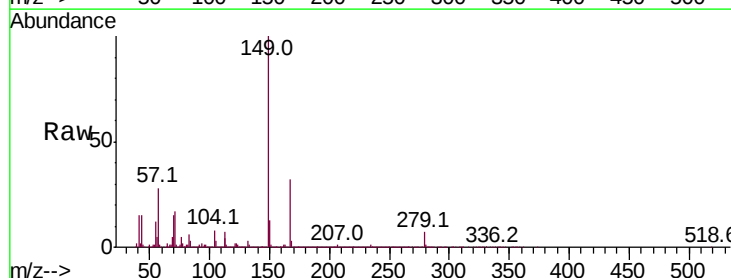
Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Tgt Ion:149 Resp: 950995

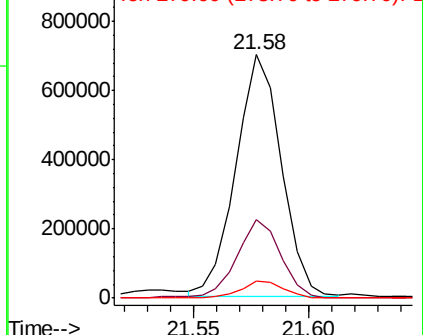
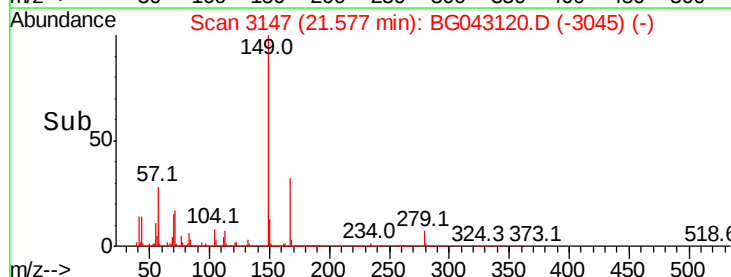
Ion	Ratio	Lower	Upper
149	100		
167	32.2	23.2	34.8
279	6.8	4.7	7.1

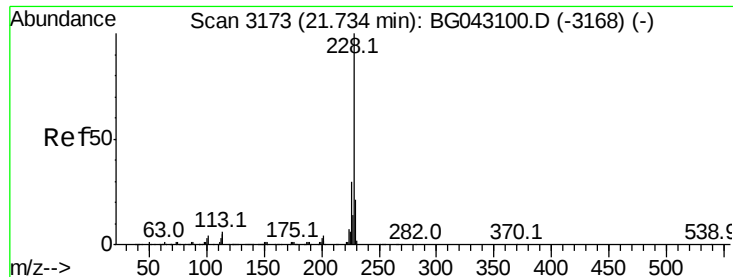


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 13.520 ng/ul

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

ClientSampleId :

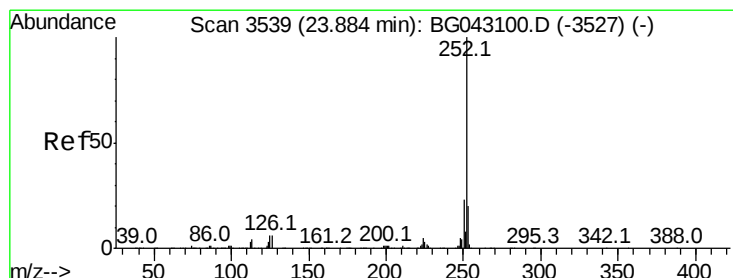
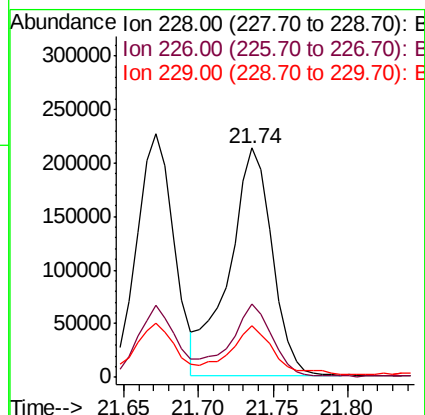
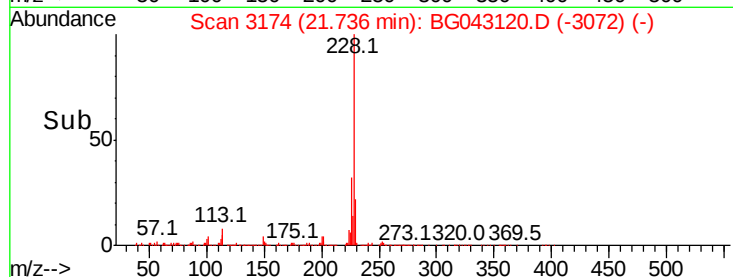
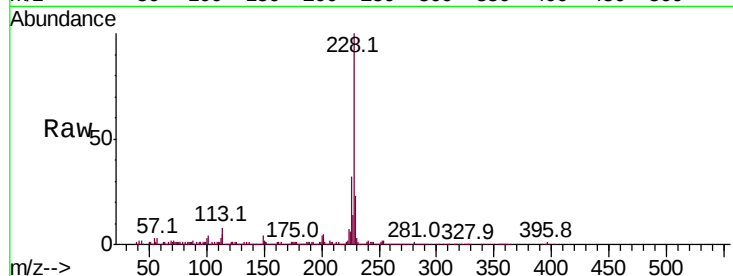
Tot Ion:228 Resp: 424823

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.2
229	22.7	16.6	25.0

228 100

226 32.3 24.2 36.2

229 22.7 16.6 25.0



#87

Benzo(b)fluoranthene

Concen: 13.789 ng/ul

RT: 23.89 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

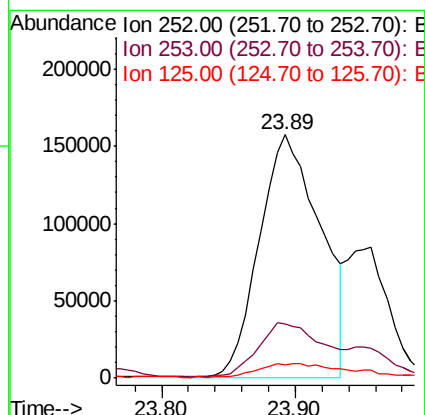
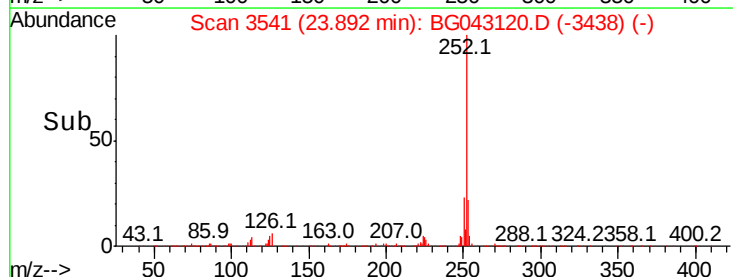
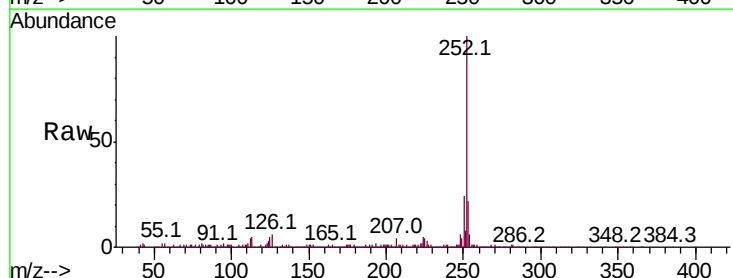
Tgt Ion:252 Resp: 499909

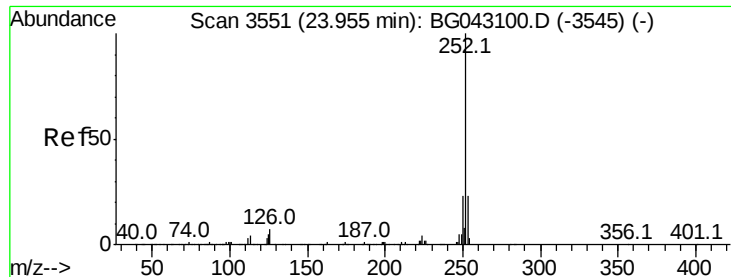
Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.4	24.6
125	5.3	4.6	7.0

252 100

253 22.3 16.4 24.6

125 5.3 4.6 7.0

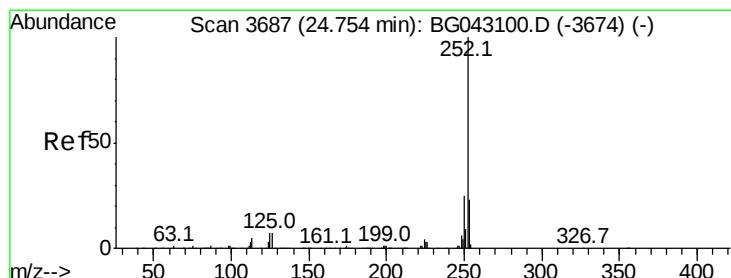
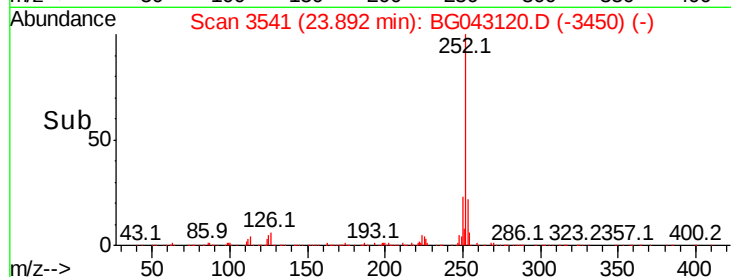
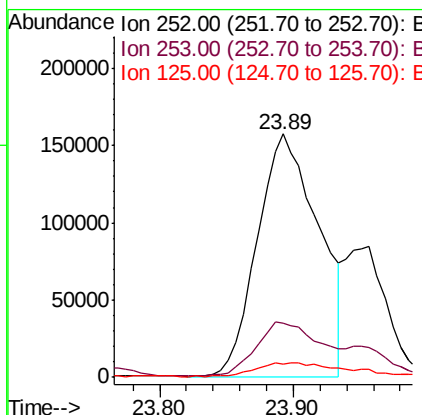
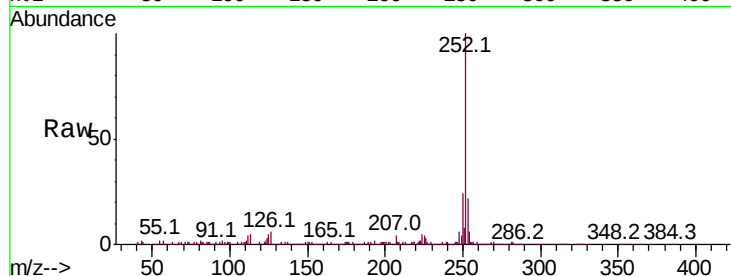




#88
Benzo(k)fluoranthene
Concen: 14.110 ng/ul
RT: 23.89 min Scan# 3541
Delta R.T. -0.06 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

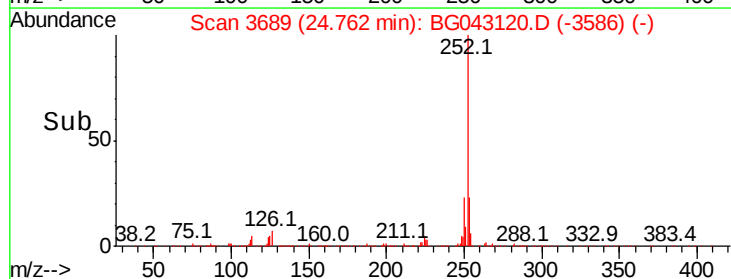
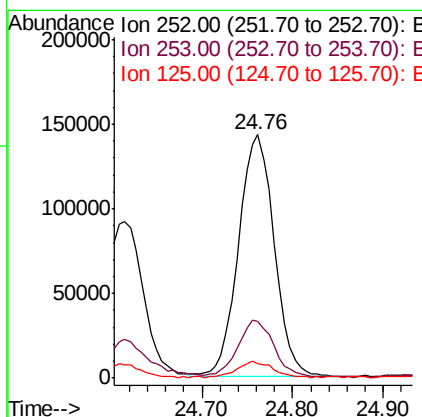
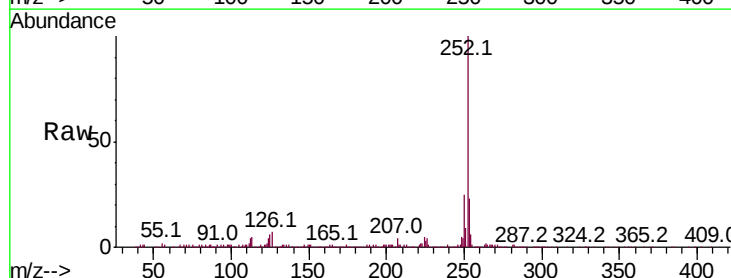
Instrument :
BNA_G
ClientSampleId :

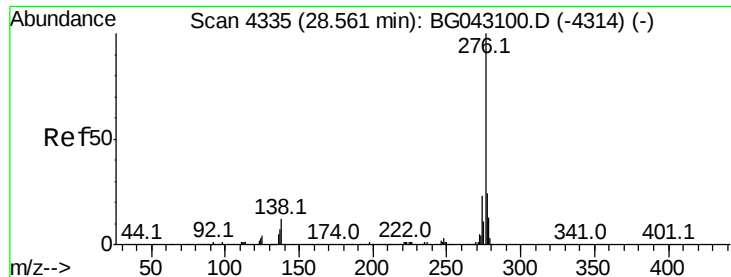
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.3	4.4	6.6



#90
Benzo(a)pyrene
Concen: 11.304 ng/ul
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG043120.D
Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.9	5.3	7.9



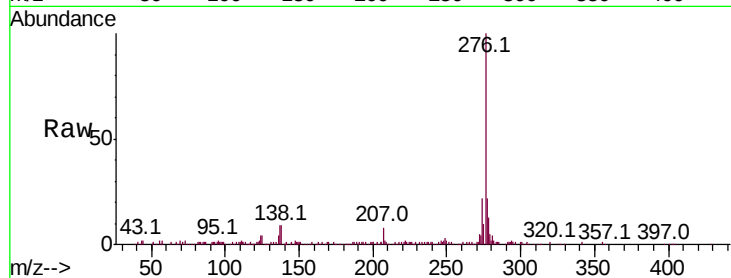


#91

Indeno(1,2,3-cd)pyrene
 Concen: 6.132 ng/ul
 RT: 28.57 min Scan# 4337
 Delta R.T. 0.01 min
 Lab File: BG043120.D
 Acq: 10 Oct 2019 2:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.2	13.8#
277	22.2	19.0	28.6

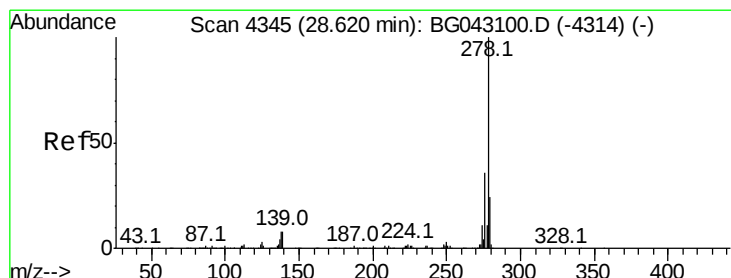
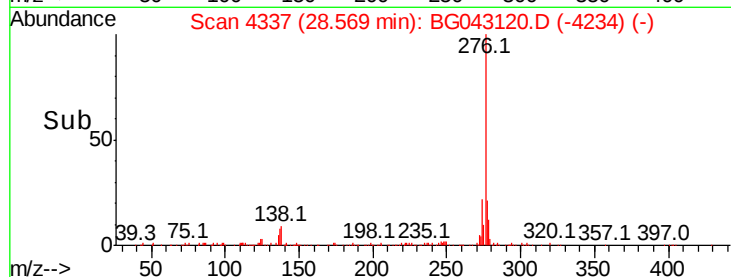
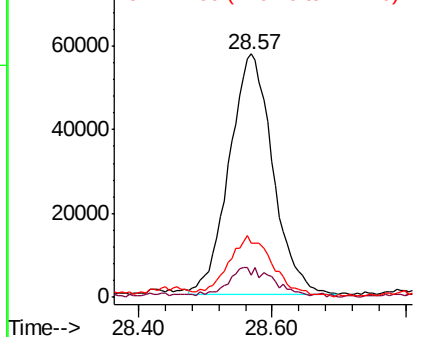


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

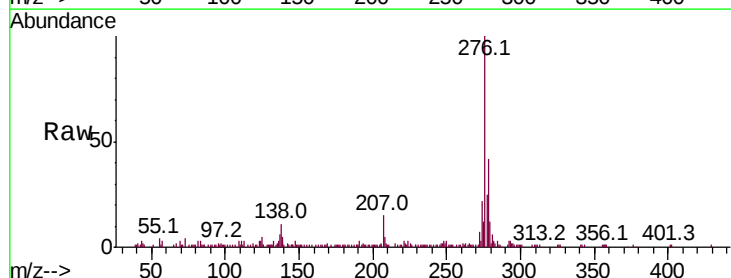
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
 Concen: 1.136 ng/ul
 RT: 28.60 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: BG043120.D
 Acq: 10 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.0	6.3	9.5
279	27.5	18.9	28.3

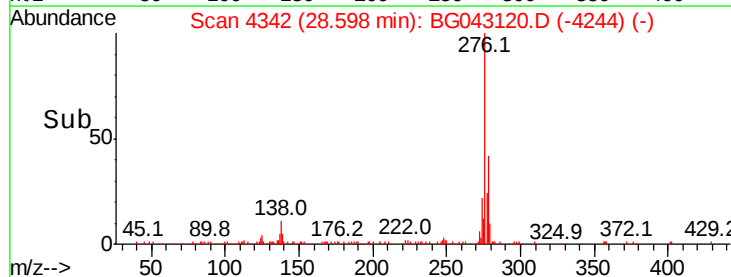
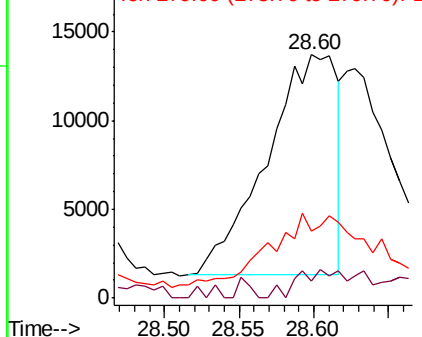


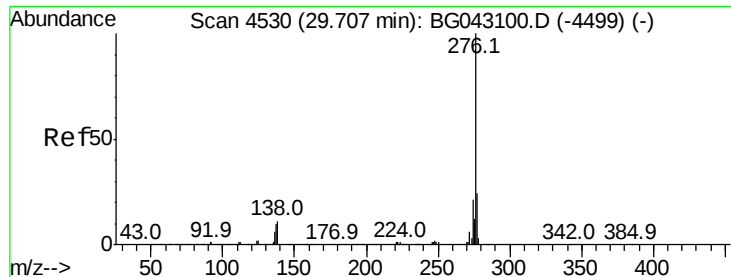
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 5.975 ng/ul

RT: 29.71 min Scan# 4531

Delta R.T. 0.00 min

Lab File: BG043120.D

Acq: 10 Oct 2019 2:41

Instrument :

BNA_G

ClientSampleId :

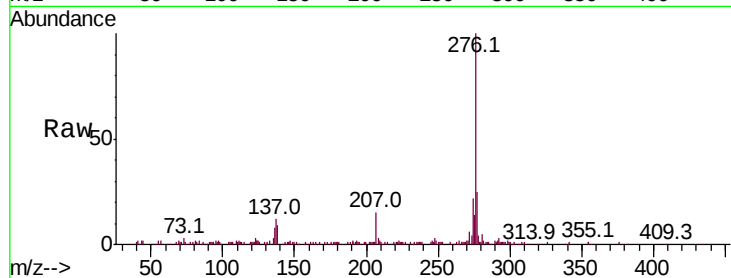
Tot Ion:276 Resp: 213042

Ion Ratio Lower Upper

276 100

138 9.3 8.7 13.1

277 24.8 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

