

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043122.D
 Acq On : 10 Oct 2019 3:58
 Operator : JU
 Sample : K5175-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 05:04:37 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	58105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	236560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	176704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	422978	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	442749	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	530490	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4590	3.82	ng/uL	0.00
5) Phenol-d5	7.23	99	90138	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	59618	24.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	80332	23.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	58712	15.85	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	43878	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	49022	25.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	84790	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	309	0.07	ng/ul	0.18
43) Dimethylphthalate-d6	14.08	166	366892	25.82	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	399707	25.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	20494	10.88	ng/ul	0.00
57) Fluorene-d10	15.67	176	334742	27.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	53670	19.78	ng/ul	0.00
70) Anthracene-d10	17.52	188	532886	26.67	ng/ul	0.00
78) Pyrene-d10	19.81	212	631986	28.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	730024	27.85	ng/ul	0.00

Target Compounds

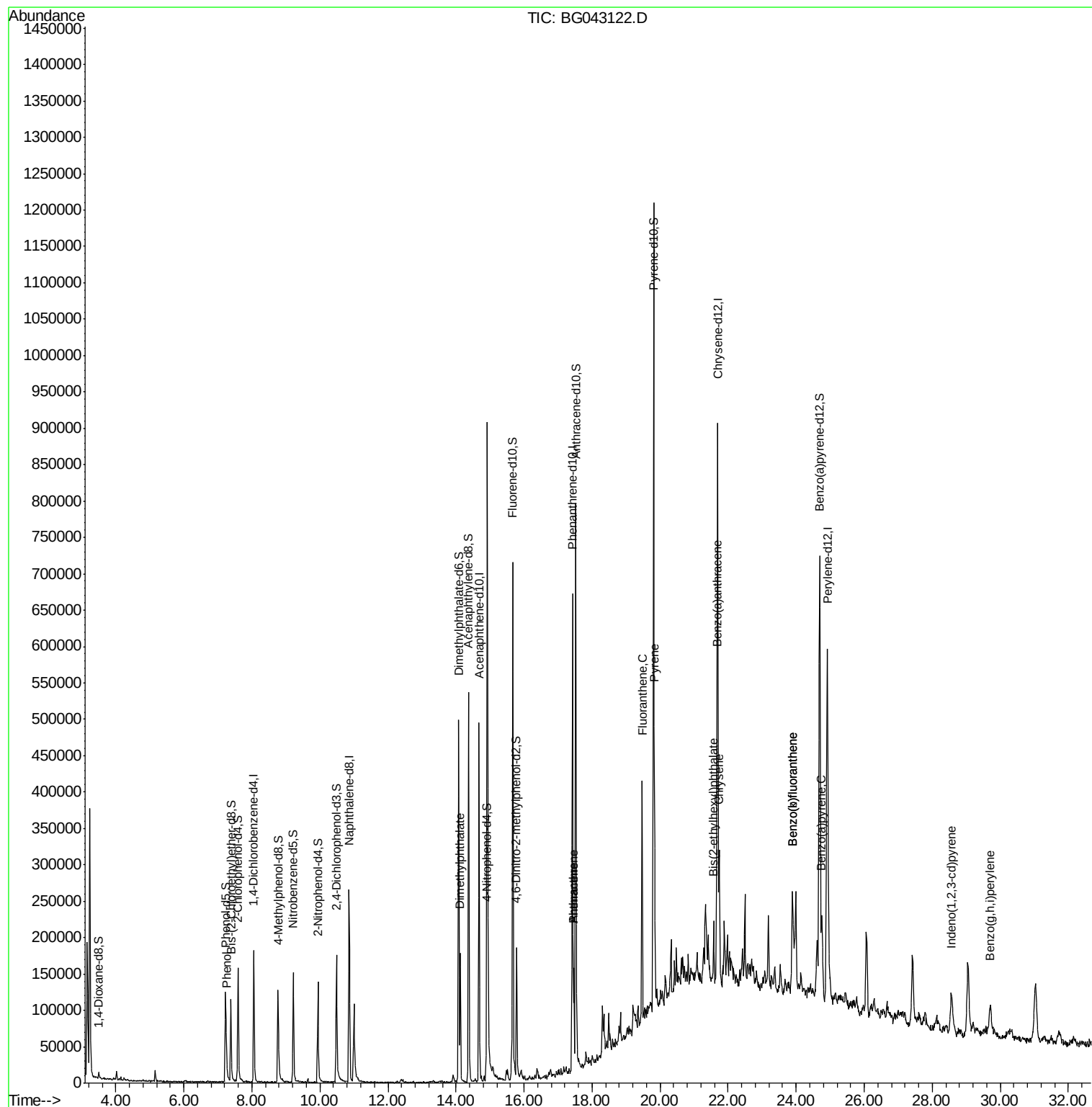
					Ovalue
6) Phenol	7.25	94	12647	2.884	ng/ul 91
44) Dimethylphthalate	14.12	163	122249	8.909	ng/ul 98
69) Phenanthrene	17.46	178	81303	3.724	ng/ul 99
71) Anthracene	17.46	178	81303	3.599	ng/ul 99
76) Fluoranthene	19.47	202	226012	8.114	ng/ul# 98
79) Pyrene	19.83	202	228733	8.400	ng/ul 100
82) Benzo(a)anthracene	21.67	228	139051	4.694	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.57	149	31816	2.164	ng/ul 98
84) Chrysene	21.73	228	148450	5.325	ng/ul 100
87) Benzo(b)fluoranthene	23.89	252	189809	6.012	ng/ul# 97
88) Benzo(k)fluoranthene	23.89	252	189809	6.152	ng/ul# 96
90) Benzo(a)pyrene	24.75	252	139757	4.625	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	28.55	276	43915	1.199	ng/ul 97
93) Benzo(g,h,i)perylene	29.71	276	76281	2.457	ng/ul# 95

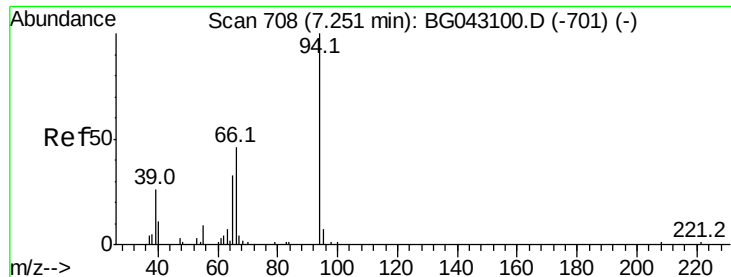
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.884 ng/ul

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Instrument :

BNA_G

ClientSampleId :

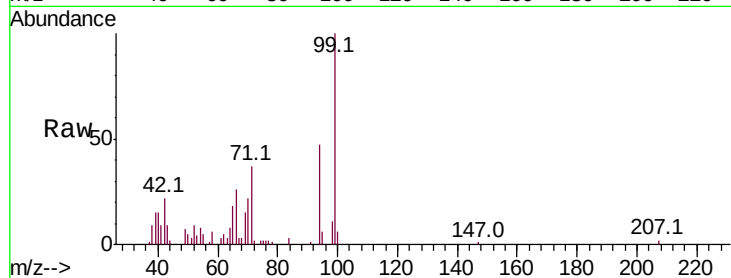
Tot Ion: 94 Resp: 12647

Ion Ratio Lower Upper

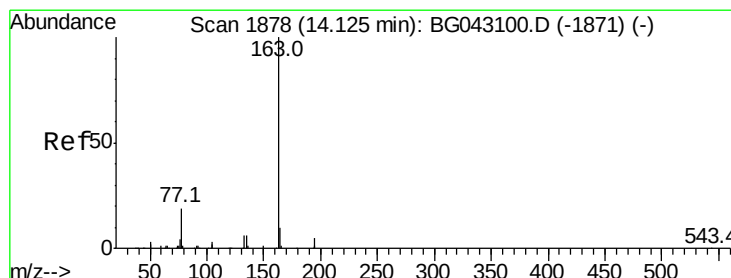
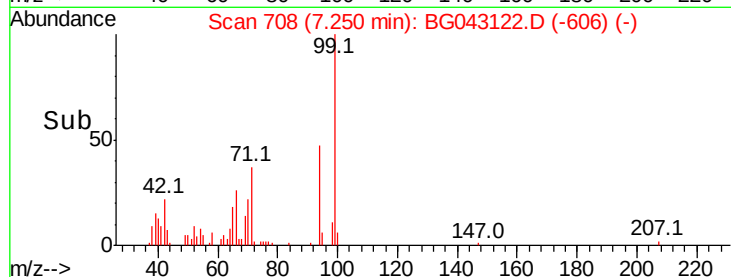
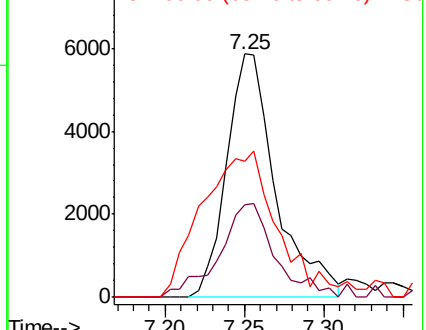
94 100

65 38.1 27.2 40.8

66 55.7 38.7 58.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.909 ng/ul

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

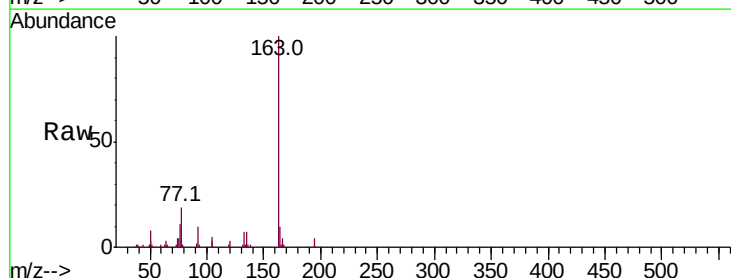
Tgt Ion:163 Resp: 122249

Ion Ratio Lower Upper

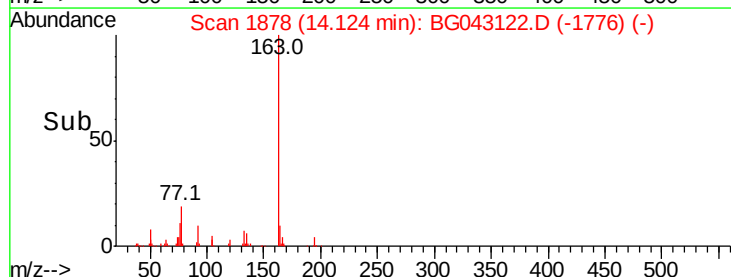
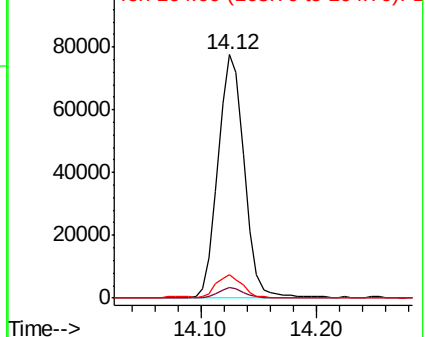
163 100

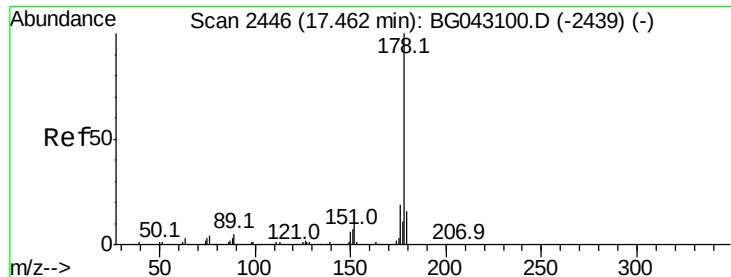
194 4.5 3.6 5.4

164 9.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 3.724 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Instrument :

BNA_G

ClientSampleId :

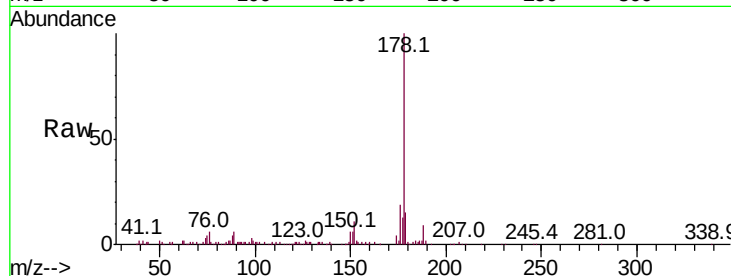
Tot Ion:178 Resp: 81303

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.4

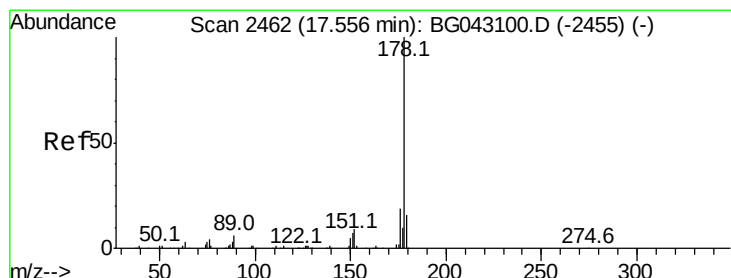
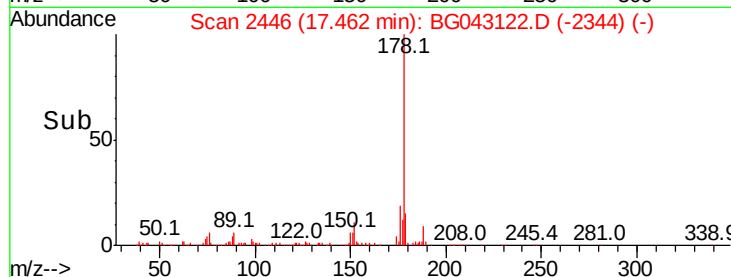
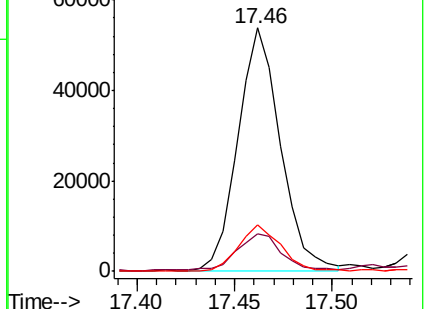
176 19.1 15.2 22.8



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: 3.599 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.09 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

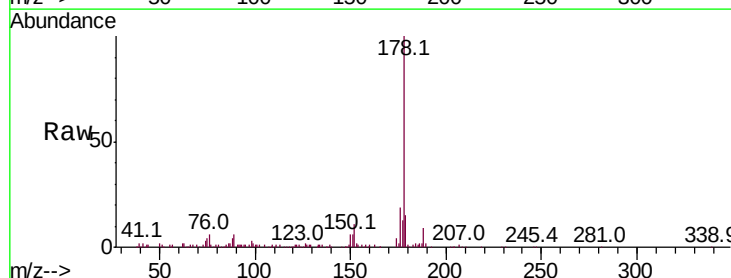
Tgt Ion:178 Resp: 81303

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.4

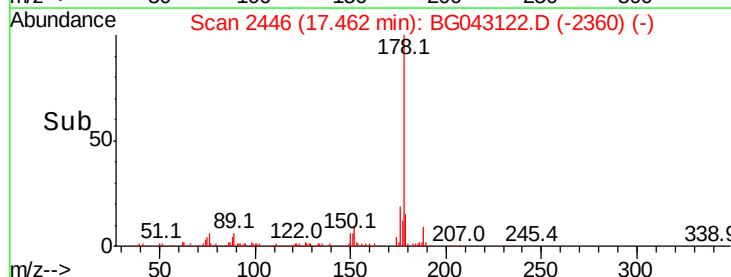
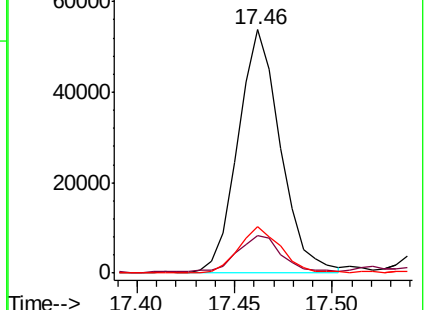
176 19.1 15.4 23.2

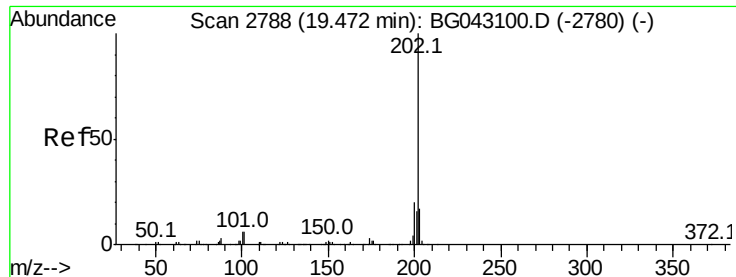


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

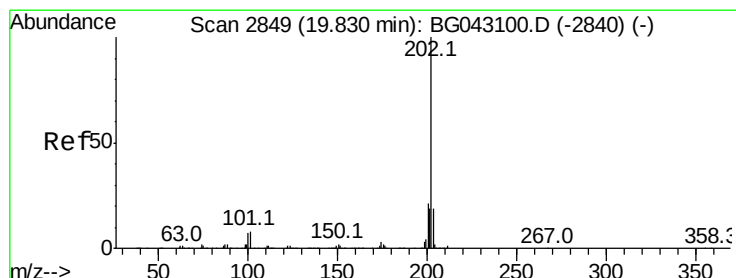
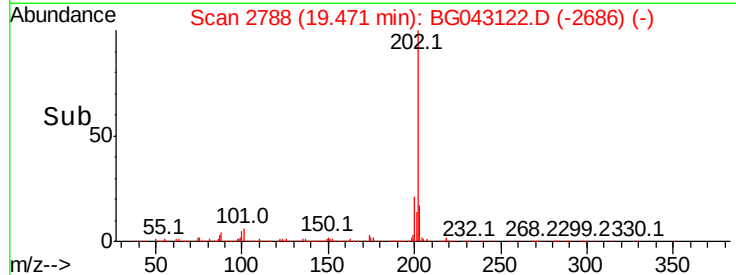
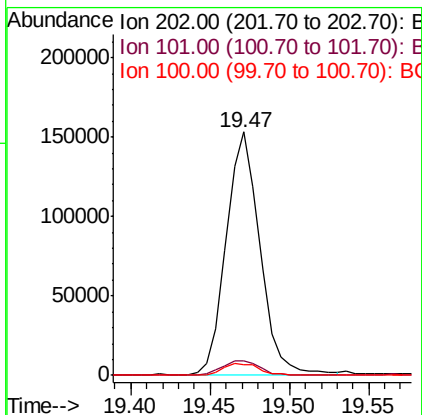
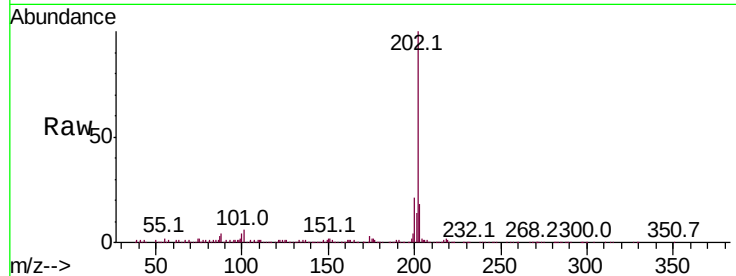




#76
Fluoranthene
Concen: 8.114 ng/ul
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG043122.D
Acq: 10 Oct 2019 3:58

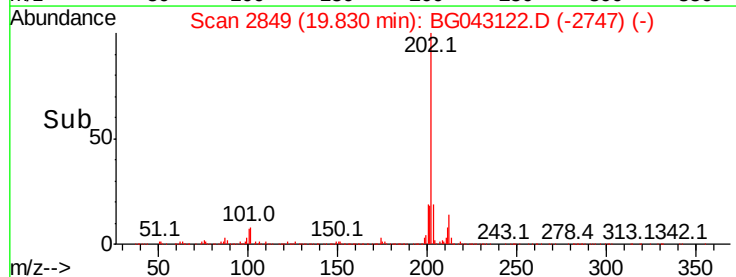
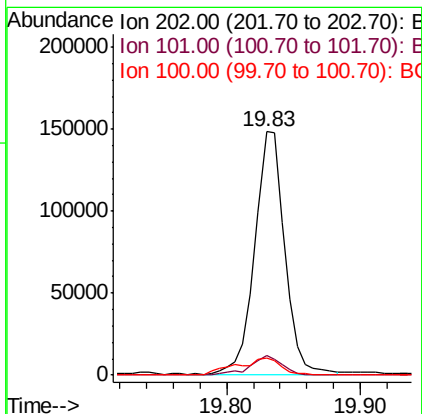
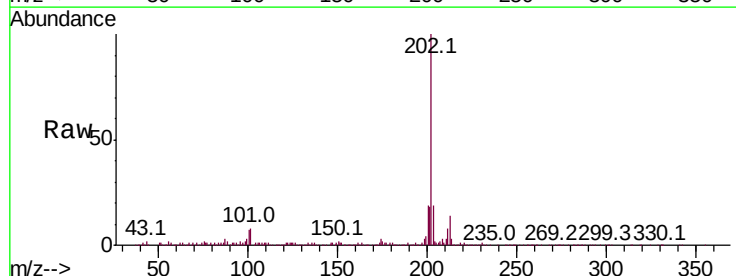
Instrument :
BNA_G
ClientSampleId :

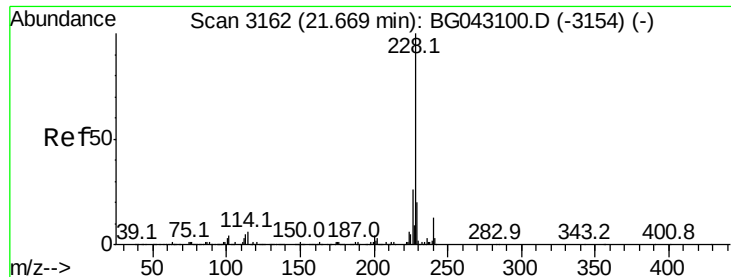
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.0	7.6
100	4.5	4.6	7.0#



#79
Pyrene
Concen: 8.400 ng/ul
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG043122.D
Acq: 10 Oct 2019 3:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.4
100	6.8	5.4	8.2





#82

Benzo(a)anthracene

Concen: 4.694 ng/ul

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

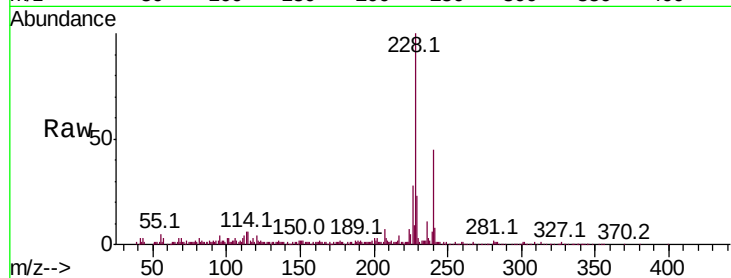
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 139051

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.2	24.2
226	27.6	21.0	31.4

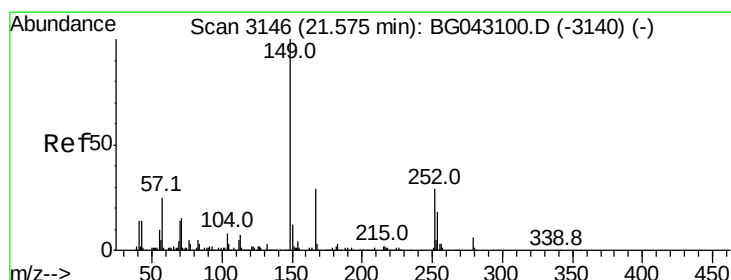
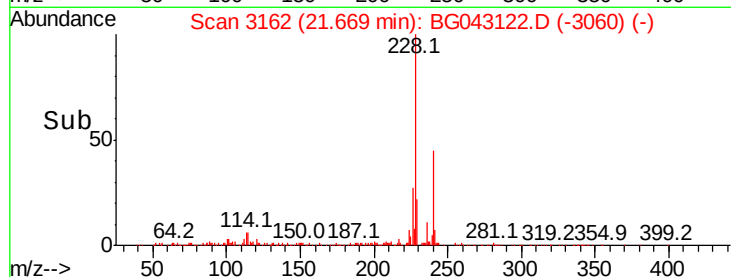
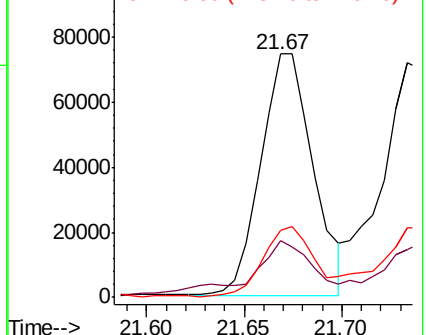


Abundance

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: 2.164 ng/ul

RT: 21.57 min Scan# 3146

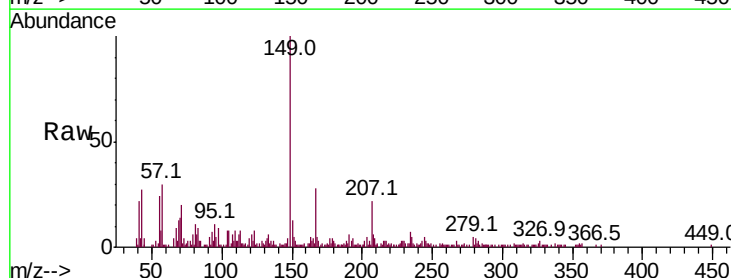
Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Tgt Ion:149 Resp: 31816

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.2	34.8
279	5.4	4.7	7.1

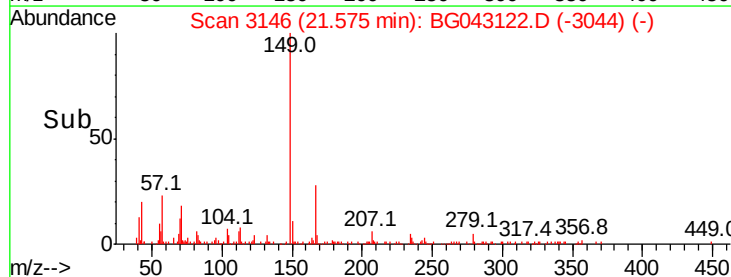
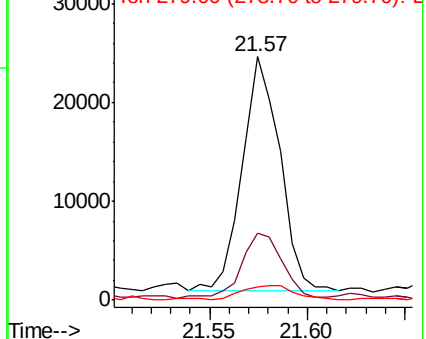


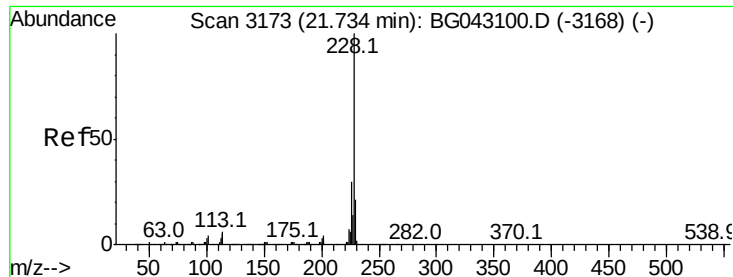
Abundance

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: 5.325 ng/ul

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

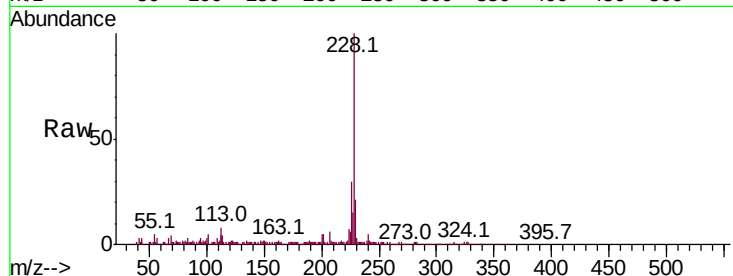
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 148450

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	20.6	16.6	25.0

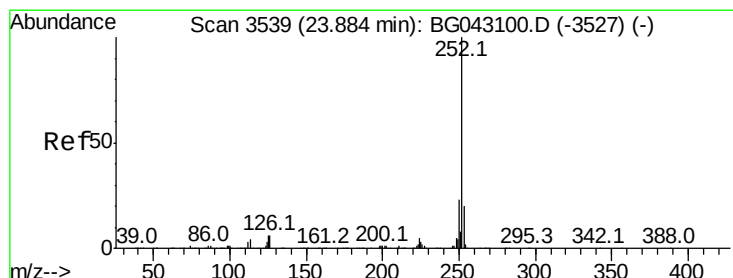
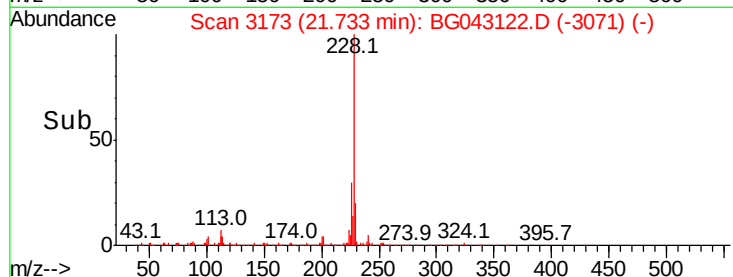
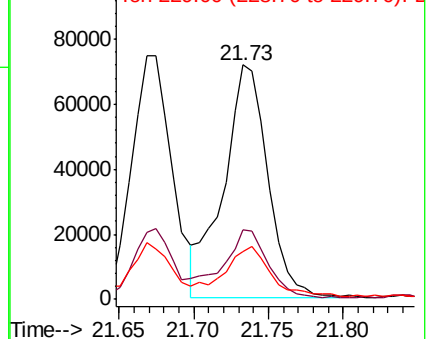


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 6.012 ng/ul

RT: 23.89 min Scan# 3540

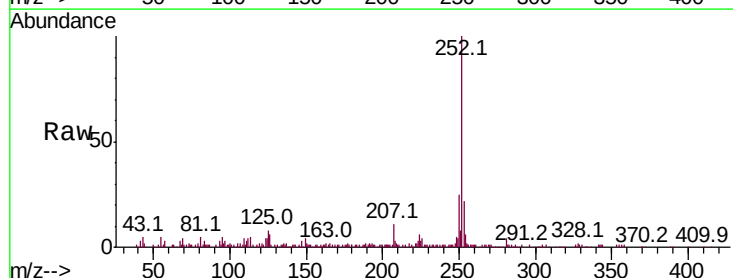
Delta R.T. 0.01 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Tgt Ion:252 Resp: 189809

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.4	24.6
125	7.9	4.6	7.0#

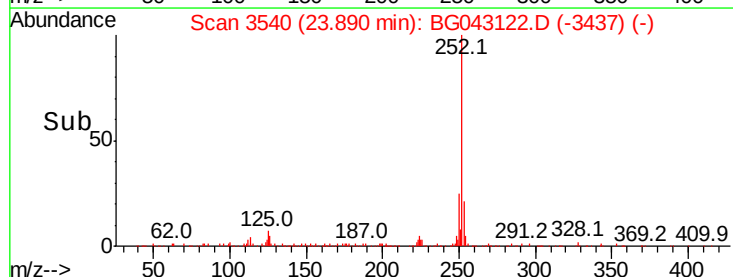
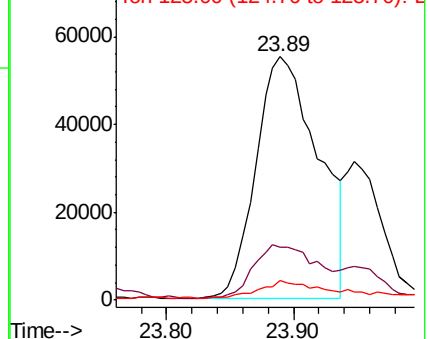


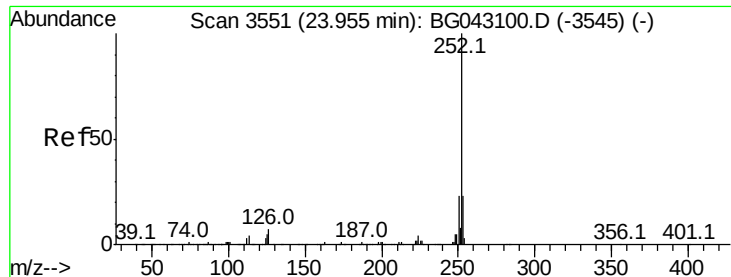
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 6.152 ng/ul

RT: 23.89 min Scan# 3540

Delta R.T. -0.07 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Instrument :

BNA_G

ClientSampleId :

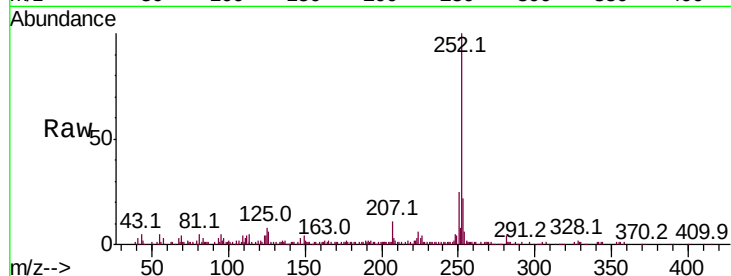
Tot Ion:252 Resp: 189809

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

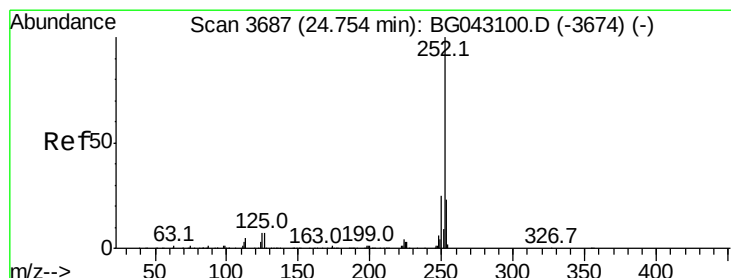
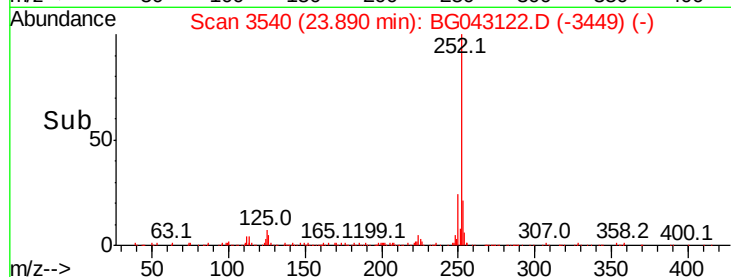
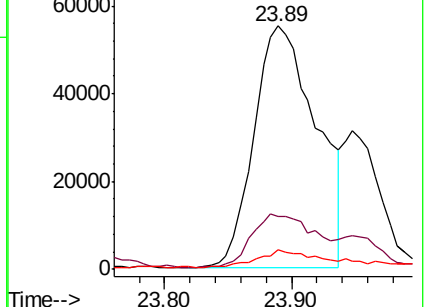
125 7.9 4.4 6.6#



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



#90

Benzo(a)pyrene

Concen: 4.625 ng/ul

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

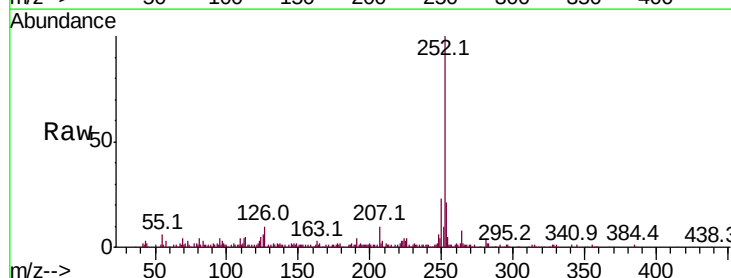
Tgt Ion:252 Resp: 139757

Ion Ratio Lower Upper

252 100

253 21.0 18.9 28.3

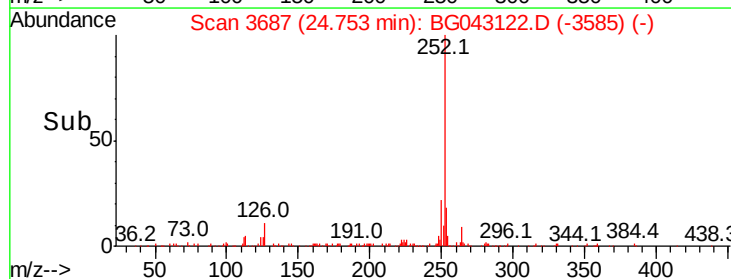
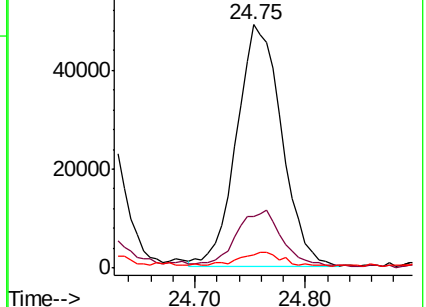
125 5.6 5.3 7.9

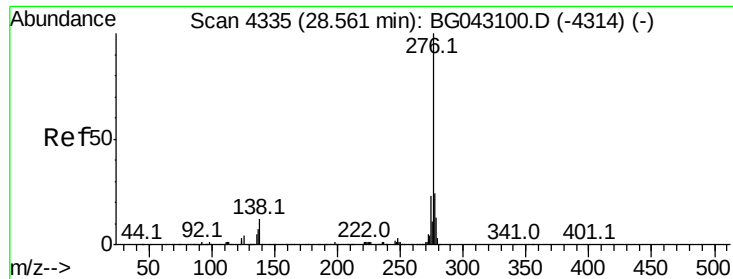


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.199 ng/ul

RT: 28.55 min Scan# 4334

Delta R.T. -0.01 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Instrument :

BNA_G

ClientSampleId :

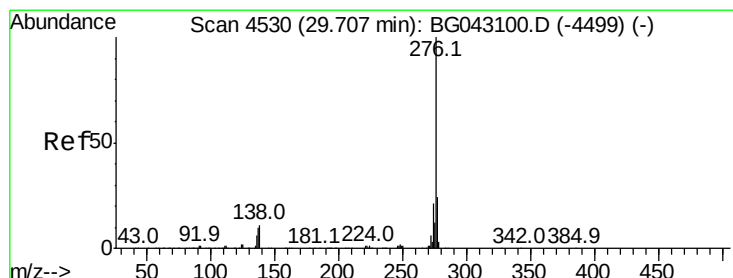
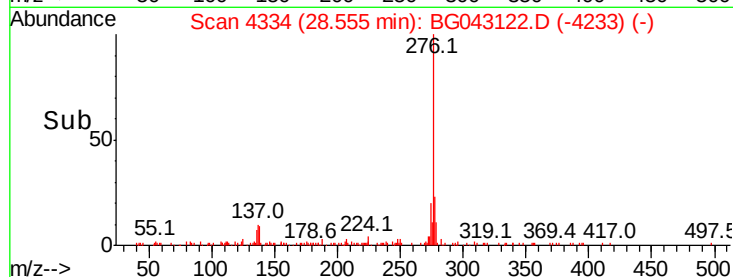
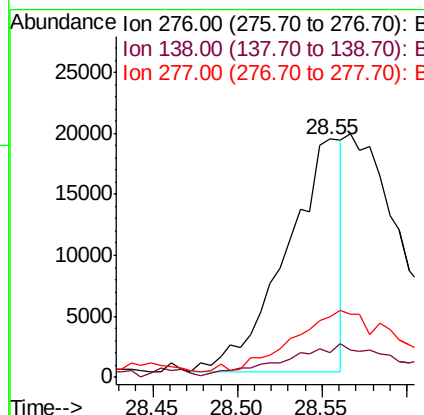
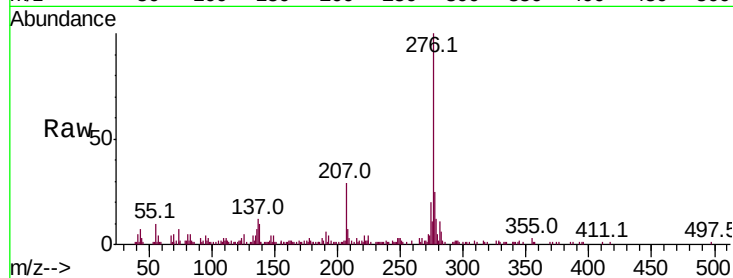
Tot Ion:276 Resp: 43915

Ion Ratio Lower Upper

276 100

138 10.3 9.2 13.8

277 25.3 19.0 28.6



#93

Benzo(g,h,i)perylene

Concen: 2.457 ng/ul

RT: 29.71 min Scan# 4530

Delta R.T. -0.00 min

Lab File: BG043122.D

Acq: 10 Oct 2019 3:58

Tgt Ion:276 Resp: 76281

Ion Ratio Lower Upper

276 100

138 13.2 8.7 13.1#

277 22.0 19.1 28.7

