

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043121.D
 Acq On : 10 Oct 2019 3:20
 Operator : JU
 Sample : K5175-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 05:04:28 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	56528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	231026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	162783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	385358	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	434779	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	523020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	9044	7.74	ng/uL	0.00
5) Phenol-d5	7.22	99	164420	39.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	97880	41.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	139486	41.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	104005	28.87	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	69402	42.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	83742	45.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	148706	38.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	151106	37.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	545742	41.70	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	605665	42.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	275	0.16	ng/ul	0.29
57) Fluorene-d10	15.67	176	469192	42.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	92901	37.58	ng/ul	0.00
70) Anthracene-d10	17.52	188	755405	41.50	ng/ul	0.00
78) Pyrene-d10	19.80	212	964365	44.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	1154585	44.67	ng/ul	0.00

Target Compounds

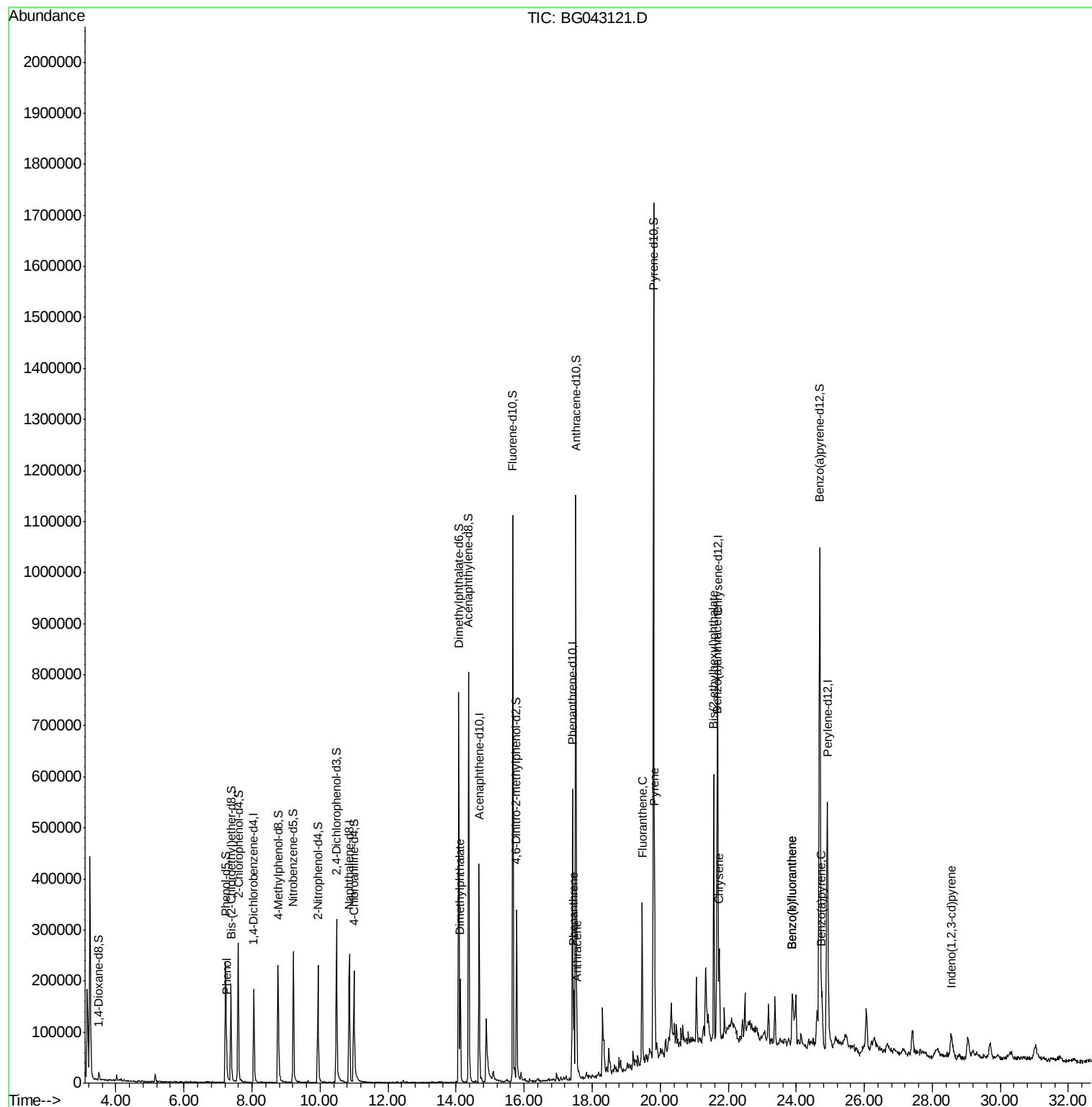
					Ovalue
6) Phenol	7.25	94	16237	3.805	ng/ul 97
44) Dimethylphthalate	14.13	163	133552	10.566	ng/ul# 98
69) Phenanthrene	17.46	178	110427	5.552	ng/ul 100
71) Anthracene	17.55	178	23187	1.127	ng/ul 97
76) Fluoranthene	19.47	202	215852	8.506	ng/ul 98
79) Pyrene	19.83	202	211001	7.891	ng/ul 99
82) Benzo(a)anthracene	21.67	228	127153	4.371	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.58	149	233530	16.172	ng/ul 100
84) Chrysene	21.74	228	125334	4.578	ng/ul 99
87) Benzo(b)fluoranthene	23.89	252	146473	4.706	ng/ul 96
88) Benzo(k)fluoranthene	23.89	252	146473	4.815	ng/ul 99
90) Benzo(a)pyrene	24.76	252	118947	3.993	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	28.56	276	38146	1.056	ng/ul 98

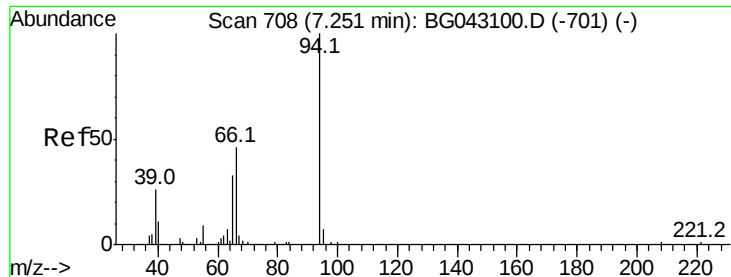
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 3.805 ng/ul

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

Instrument :

BNA_G

ClientSampleId :

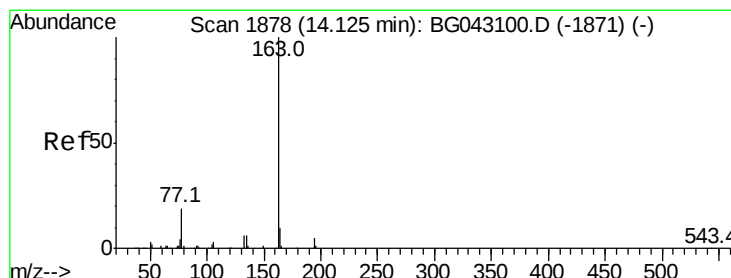
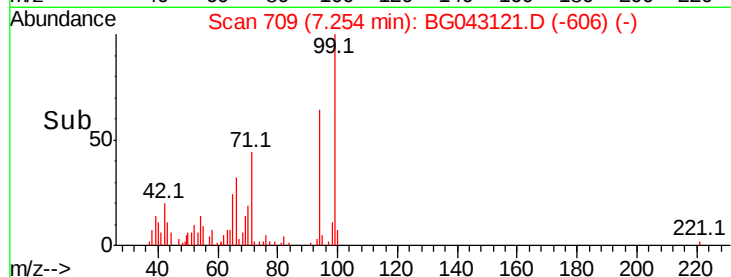
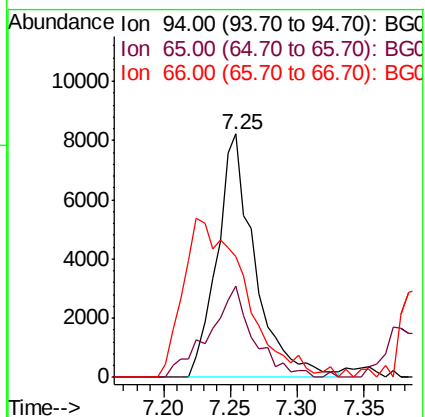
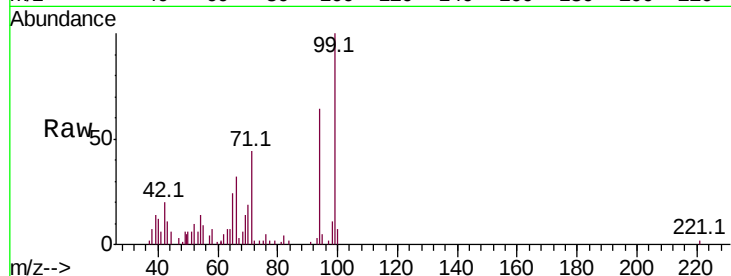
Tot Ion: 94 Resp: 16237

Ion Ratio Lower Upper

94 100

65 37.3 27.2 40.8

66 49.6 38.7 58.1



#44

Dimethylphthalate

Concen: 10.566 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

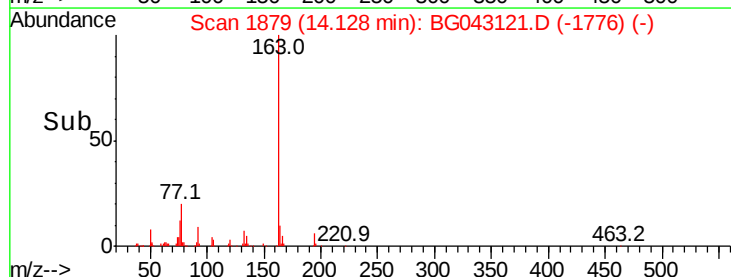
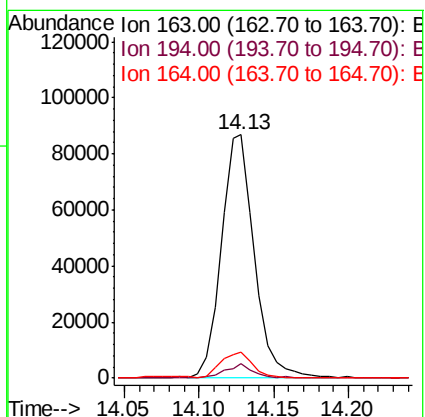
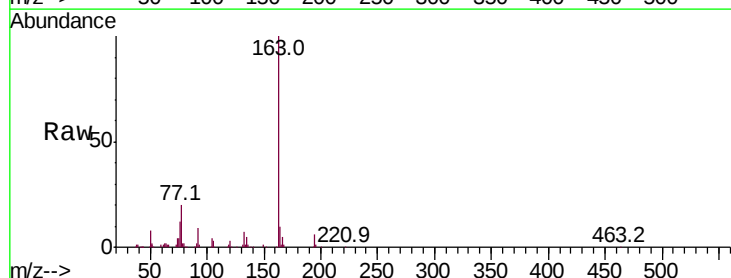
Tgt Ion: 163 Resp: 133552

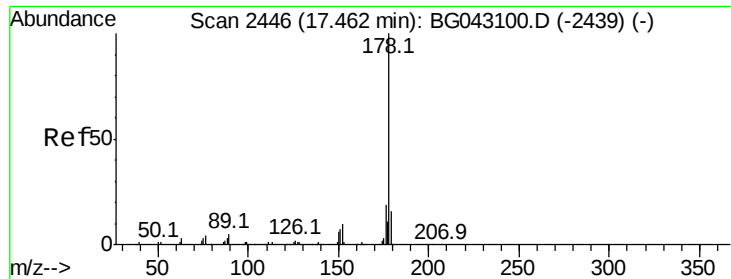
Ion Ratio Lower Upper

163 100

194 5.8 3.6 5.4#

164 10.4 8.6 12.8





#69

Phenanthrene

Concen: 5.552 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

Instrument :

BNA_G

ClientSampleId :

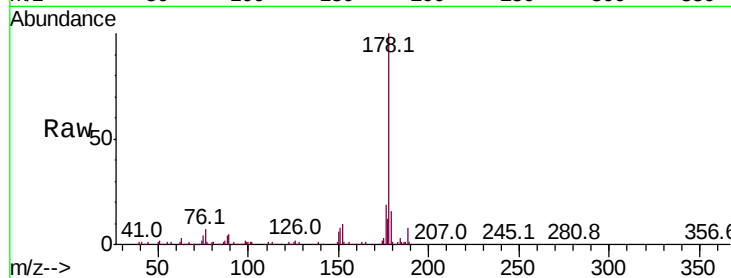
Tot Ion:178 Resp: 110427

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

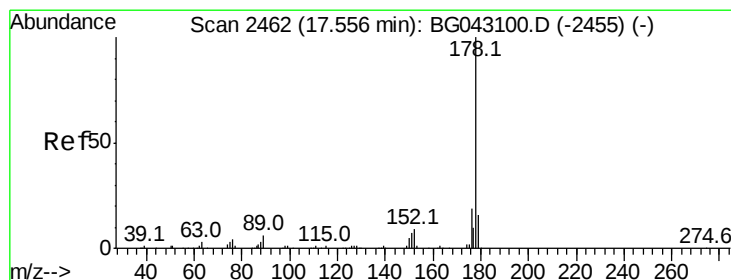
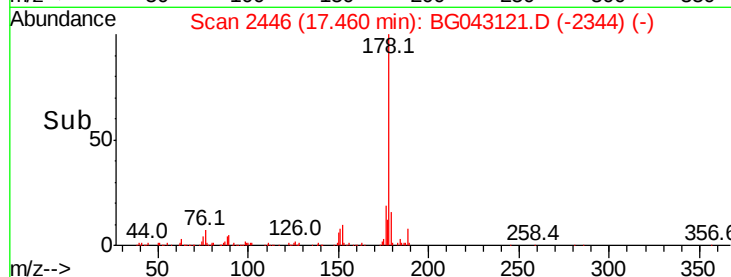
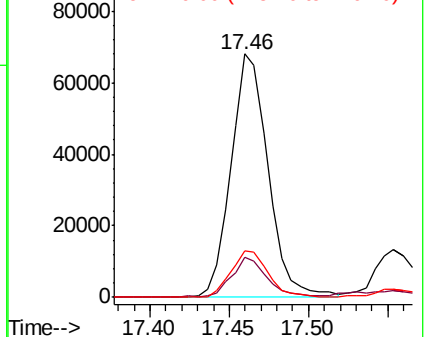
176 19.2 15.2 22.8



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: 1.127 ng/ul

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

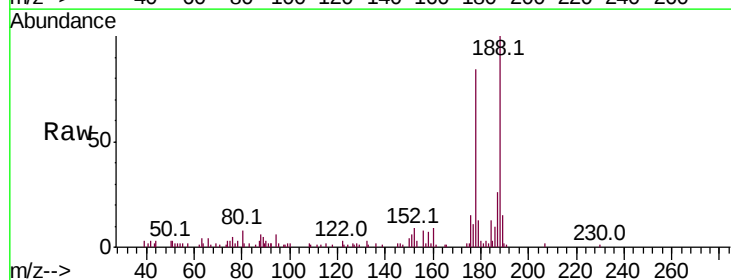
Tgt Ion:178 Resp: 23187

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.4

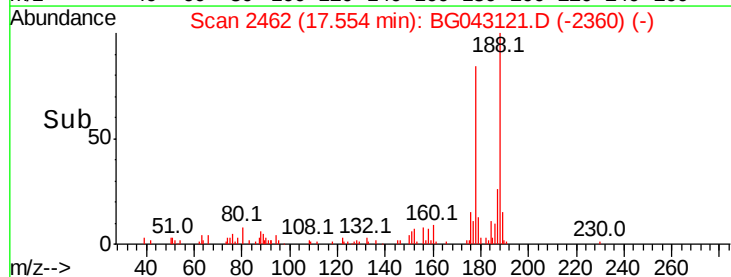
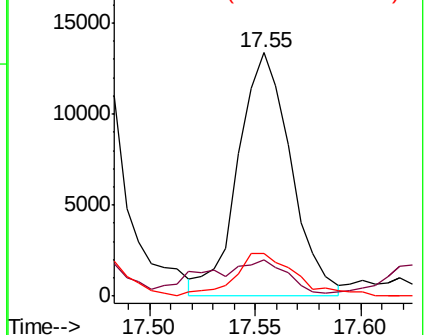
176 17.8 15.4 23.2

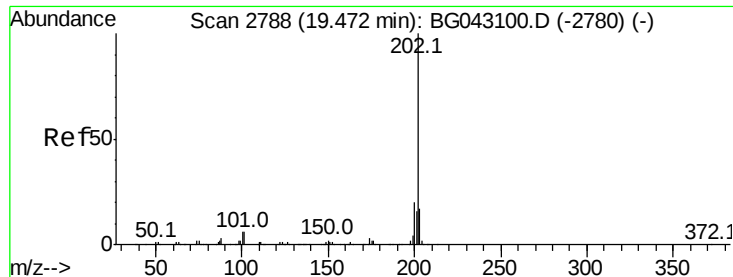


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

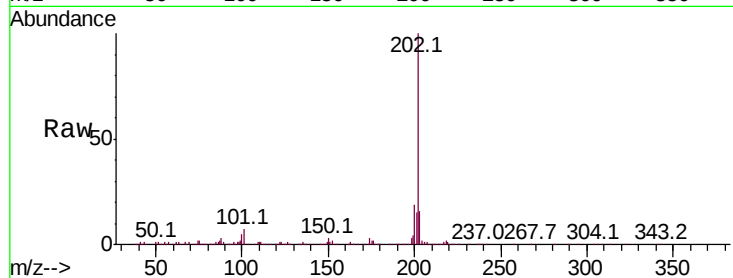




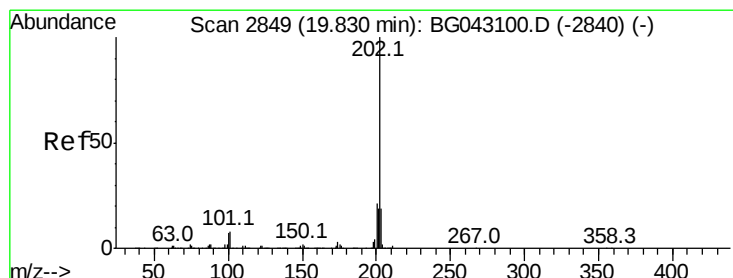
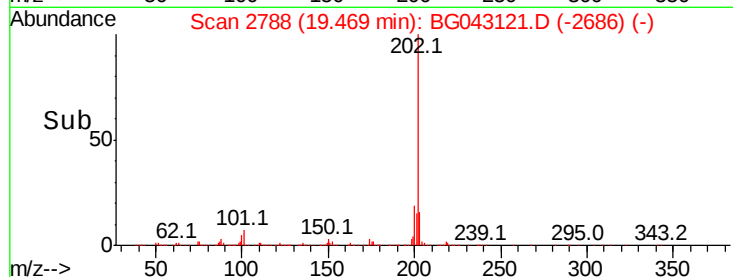
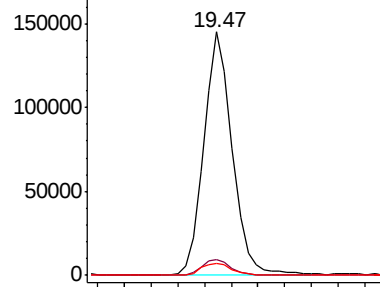
#76
Fluoranthene
Concen: 8.506 ng/ul
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG043121.D
Acq: 10 Oct 2019 3:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	202	Resp:	215852
Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.0	7.6
100	5.0	4.6	7.0

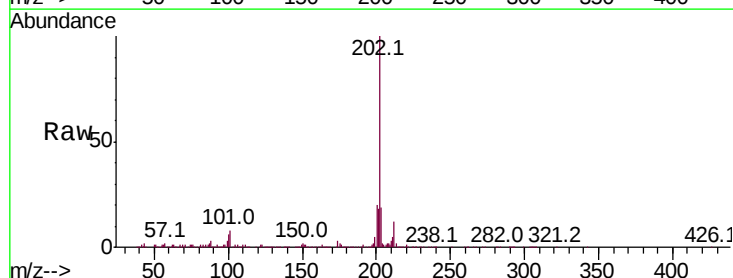


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

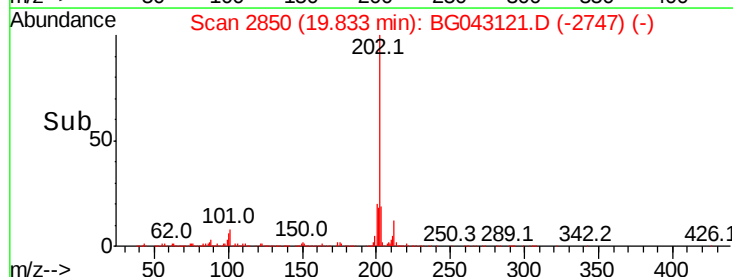
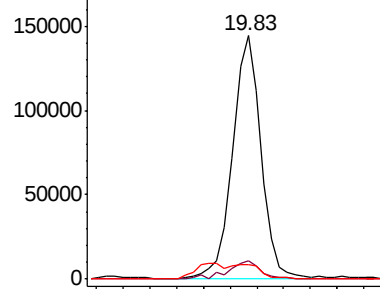


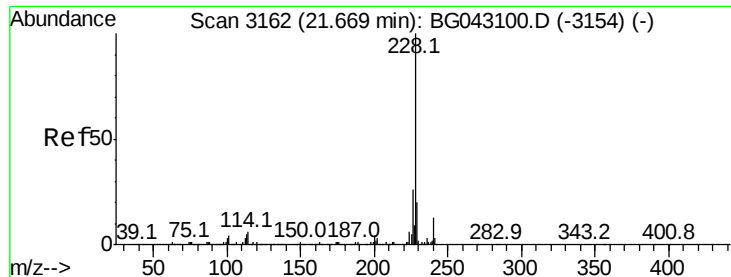
#79
Pyrene
Concen: 7.891 ng/ul
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043121.D
Acq: 10 Oct 2019 3:20

Tgt Ion:	202	Resp:	211001
Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.2	9.4
100	6.1	5.4	8.2



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: 4.371 ng/ul

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

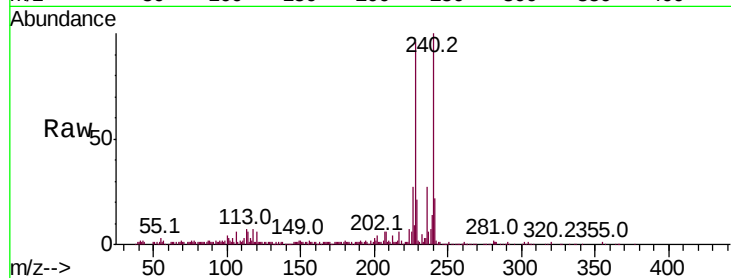
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 127153

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.2	24.2
226	28.3	21.0	31.4

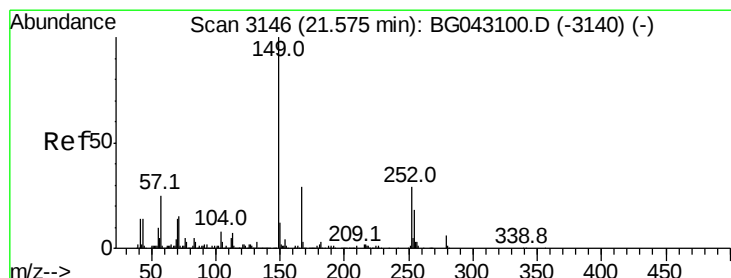
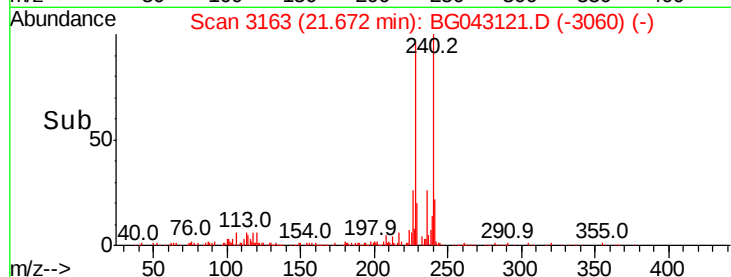
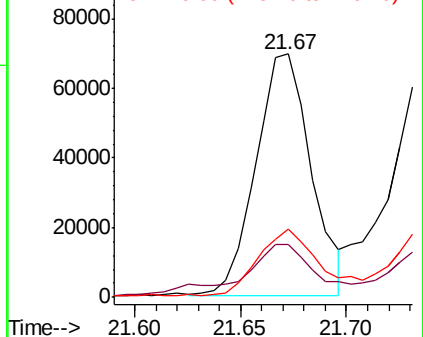


Abundance

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: 16.172 ng/ul

RT: 21.58 min Scan# 3147

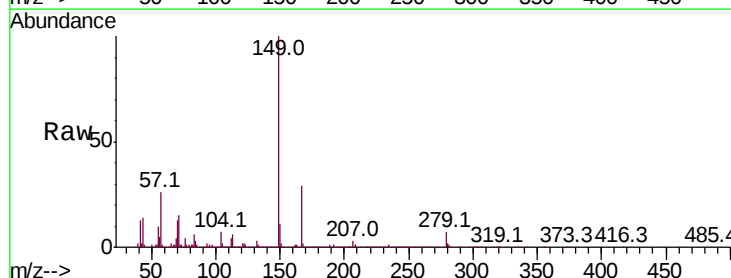
Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

Tgt Ion:149 Resp: 233530

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	6.6	4.7	7.1

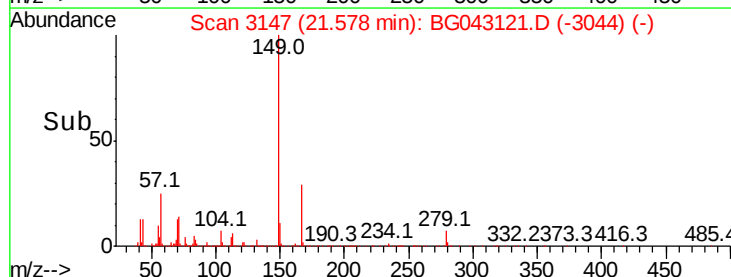
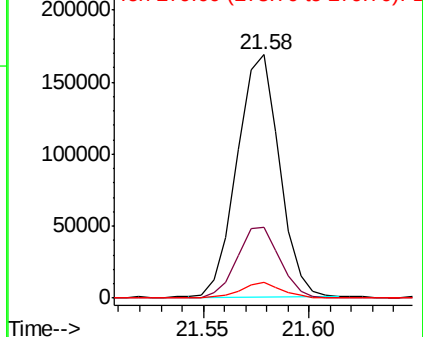


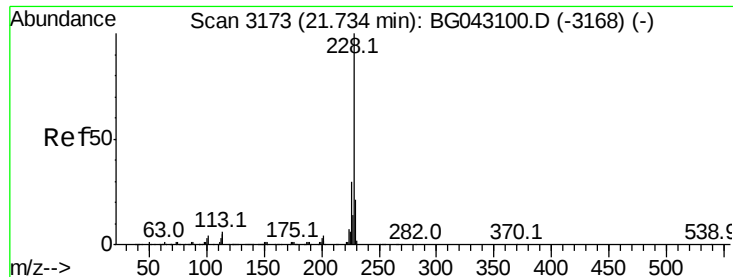
Abundance

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: 4.578 ng/ul

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

Instrument :

BNA_G

ClientSampleId :

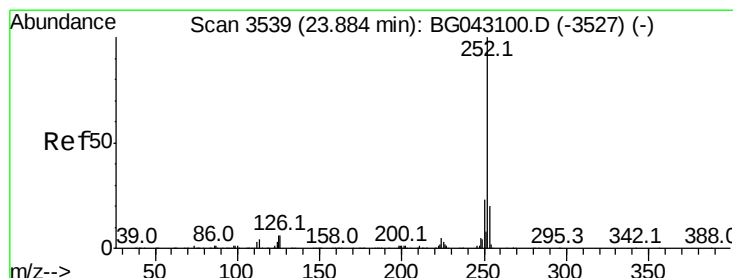
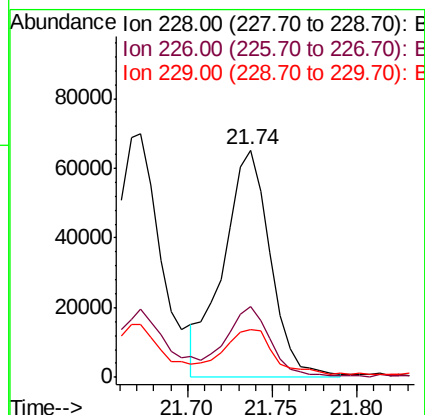
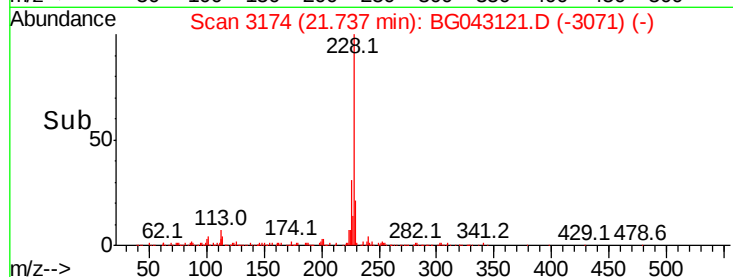
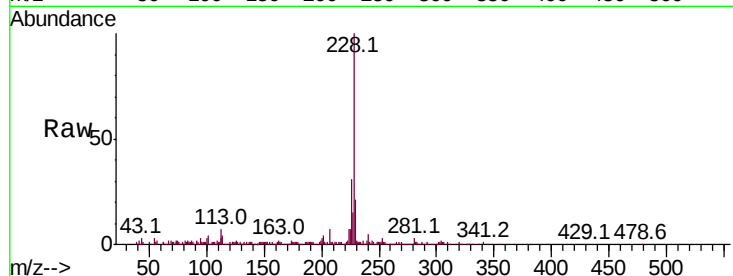
Tot Ion:228 Resp: 125334

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 21.2 16.6 25.0



#87

Benzo(b)fluoranthene

Concen: 4.706 ng/ul

RT: 23.89 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

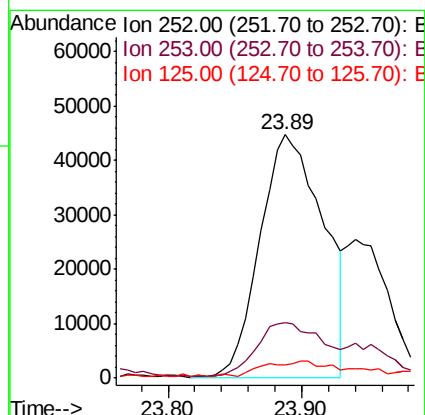
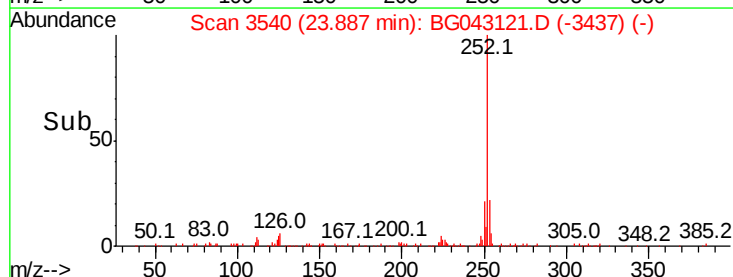
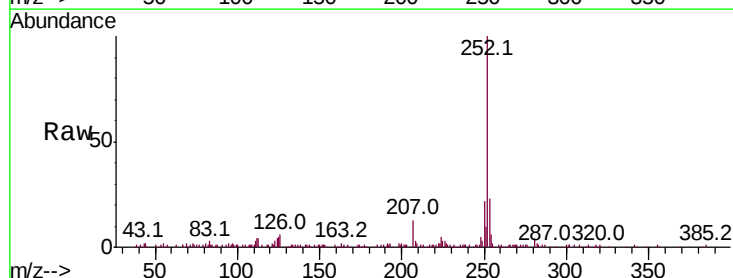
Tgt Ion:252 Resp: 146473

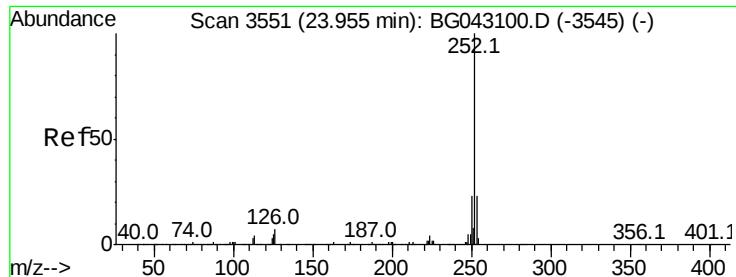
Ion Ratio Lower Upper

252 100

253 22.7 16.4 24.6

125 5.2 4.6 7.0

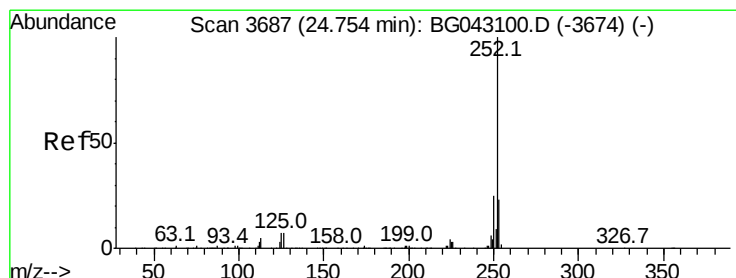
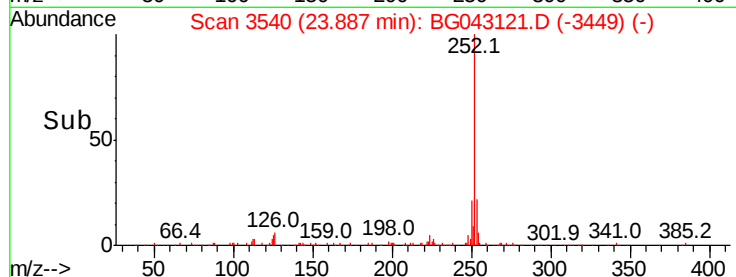
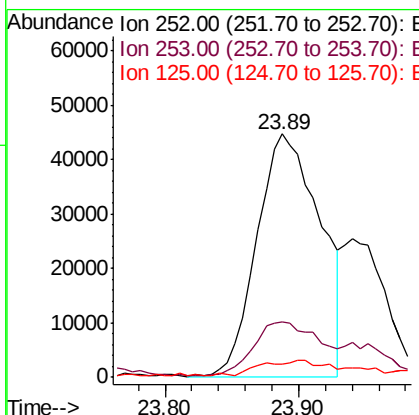
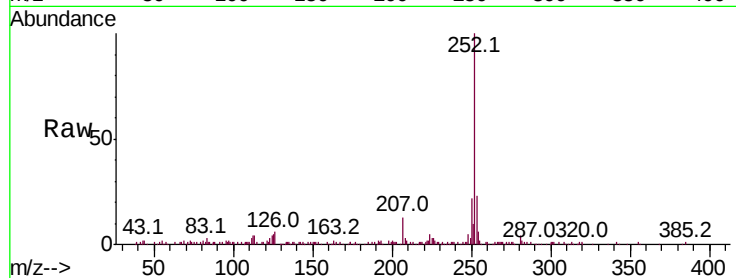




#88
Benzo(k)fluoranthene
Concen: 4.815 ng/ul
RT: 23.89 min Scan# 3540
Delta R.T. -0.07 min
Lab File: BG043121.D
Acq: 10 Oct 2019 3:20

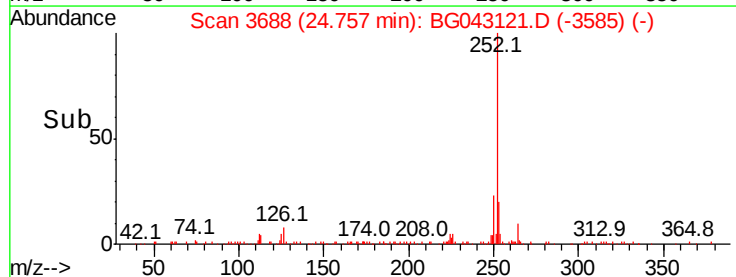
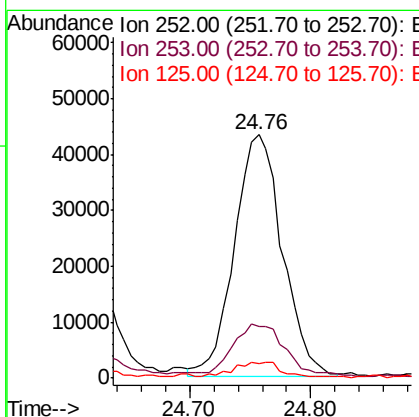
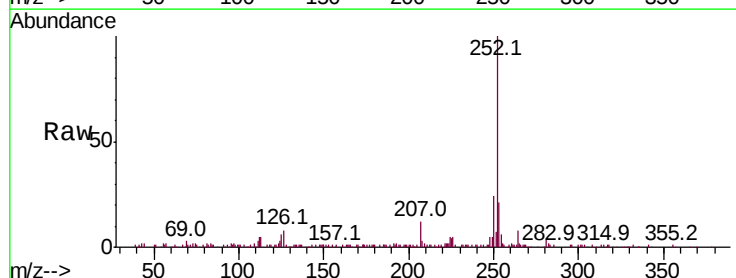
Instrument :
BNA_G
ClientSampleId :

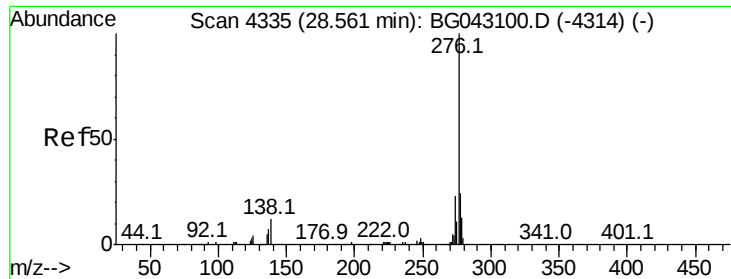
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	5.2	4.4	6.6



#90
Benzo(a)pyrene
Concen: 3.993 ng/ul
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG043121.D
Acq: 10 Oct 2019 3:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.9	28.3
125	6.0	5.3	7.9





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.056 ng/ul

RT: 28.56 min Scan# 4335

Delta R.T. -0.00 min

Lab File: BG043121.D

Acq: 10 Oct 2019 3:20

Instrument :

BNA_G

ClientSampleId :

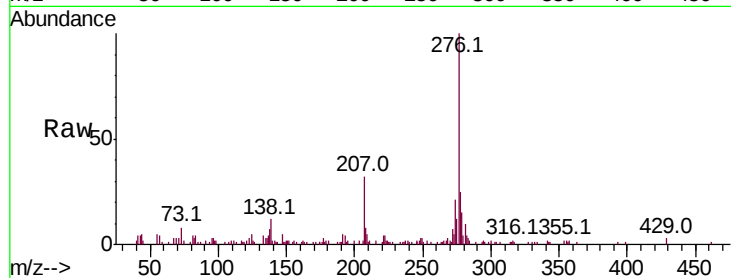
Tot Ion:276 Resp: 38146

Ion Ratio Lower Upper

276 100

138 12.1 9.2 13.8

277 25.0 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

