

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042030.D
 Acq On : 7 Aug 2019 14:20
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 14:58:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	82178	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	347312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	249612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	529127	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	510486	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	614274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4111	2.19	ng/uL	0.00
5) Phenol-d5	7.18	99	99293	15.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54231	15.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	97148	17.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	86836	16.04	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48347	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58550	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	110114	17.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	113803	16.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354603	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	406436	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	34887	10.73	ng/ul	0.00
57) Fluorene-d10	15.68	176	316136	18.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	41907	12.34	ng/ul	0.00
70) Anthracene-d10	17.54	188	490698	19.33	ng/ul	0.00
78) Pyrene-d10	19.83	212	557881	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	630659	19.65	ng/ul	0.00

Target Compounds

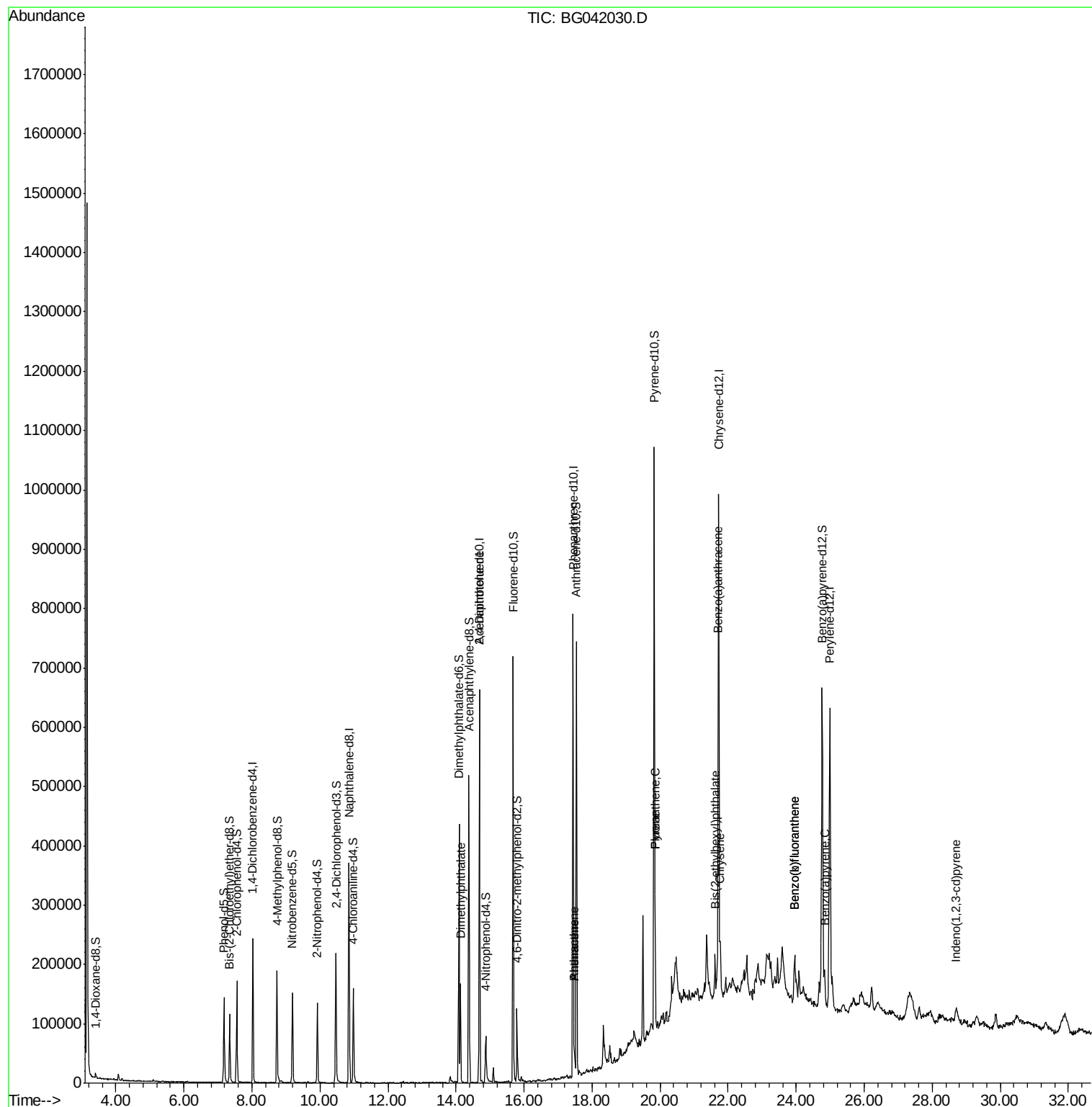
					Ovalue
44) Dimethylphthalate	14.13	163	124199	6.461	ng/ul 97
54) 2,4-Dinitrotoluene	14.69	165	33370	5.489	ng/ul# 44
69) Phenanthrene	17.48	178	55985	1.933	ng/ul 99
71) Anthracene	17.48	178	55985	1.906	ng/ul 99
76) Fluoranthene	19.85	202	129930	3.882	ng/ul 99
79) Pyrene	19.85	202	129930	3.784	ng/ul 96
82) Benzo(a)anthracene	21.70	228	70856	2.002	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.61	149	29626	1.607	ng/ul 99
84) Chrysene	21.77	228	75571	2.288	ng/ul 97
87) Benzo(b)fluoranthene	23.95	252	103924	2.696	ng/ul# 97
88) Benzo(k)fluoranthene	23.95	252	103924	2.804	ng/ul# 97
90) Benzo(a)pyrene	24.83	252	74177	2.019	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	28.71	276	52184	1.218	ng/ul 99

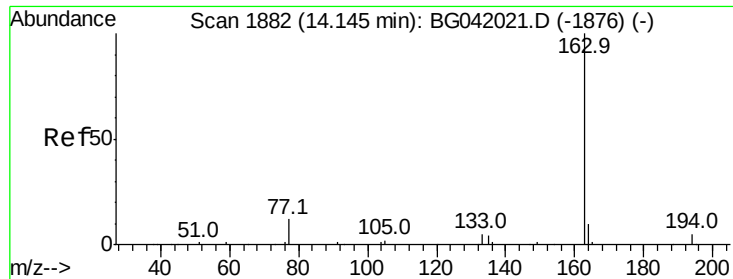
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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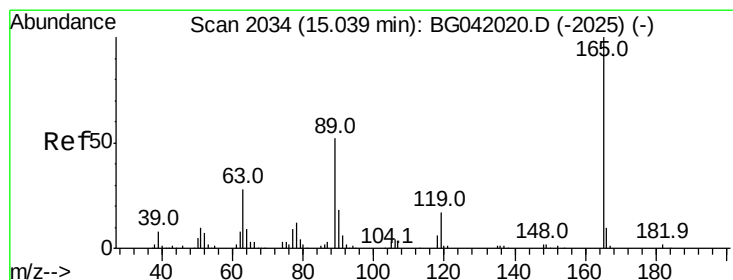
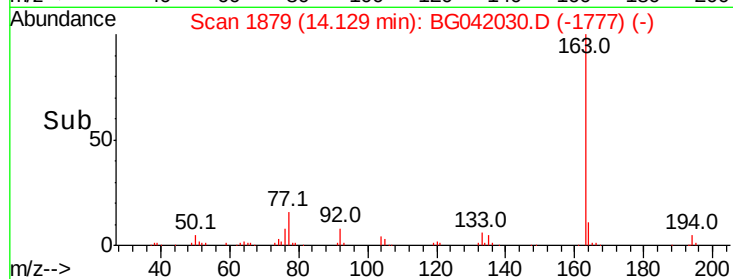
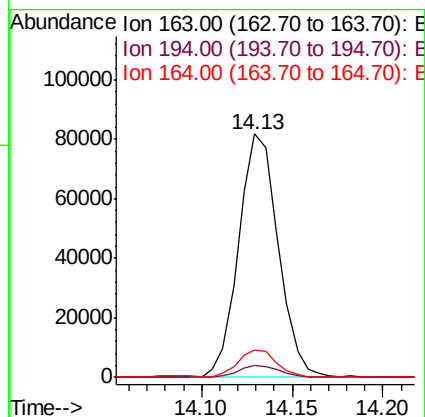
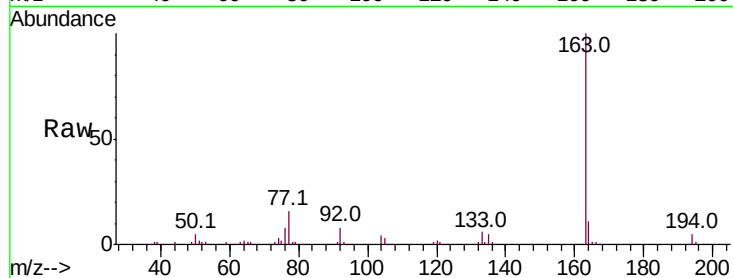




#44
Dimethylphthalate
Concen: 6.461 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

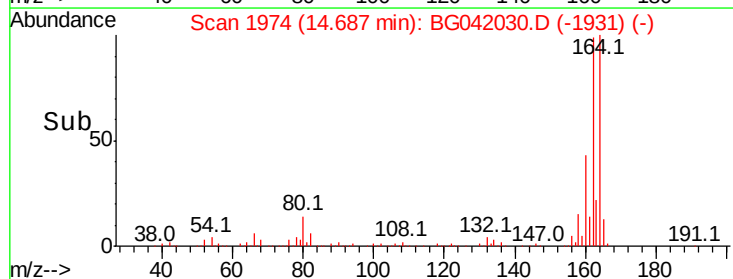
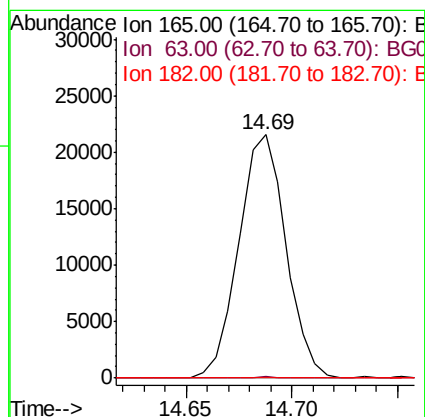
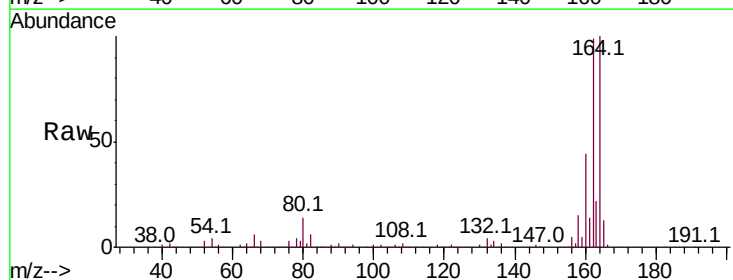
Instrument :
BNA_G
ClientSampleId :

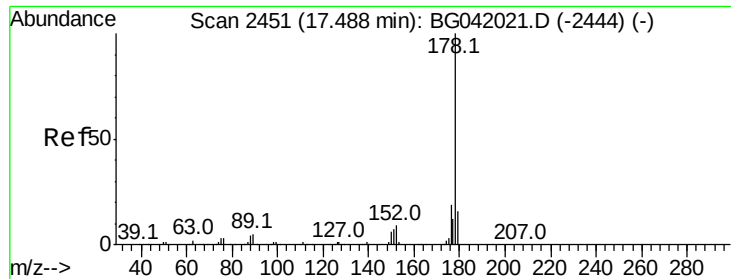
Tot Ion:163 Resp: 124199
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 11.0 7.8 11.8



#54
2,4-Dinitrotoluene
Concen: 5.489 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG042030.D
Acq: 7 Aug 2019 14:20

Tgt Ion:165 Resp: 33370
Ion Ratio Lower Upper
165 100
63 0.8 29.4 44.2#
182 0.0 2.6 4.0#





#69

Phenanthrene

Concen: 1.933 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

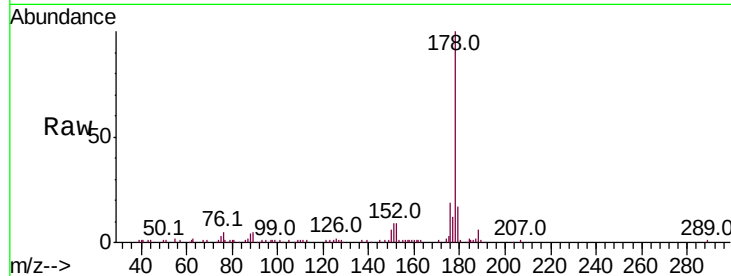
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 55985

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.0	15.4	23.2

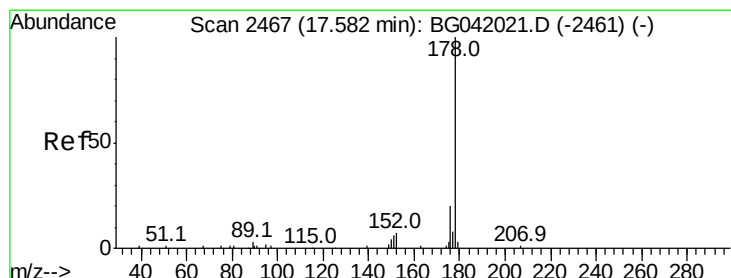
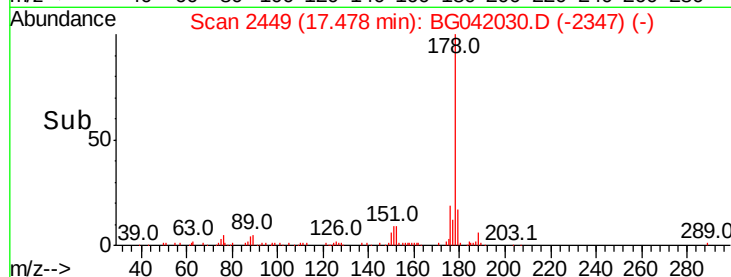
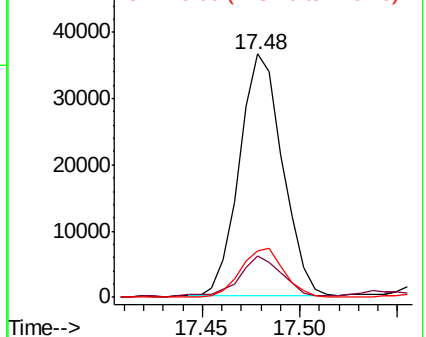


Abundance

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



#71

Anthracene

Concen: 1.906 ng/ul

RT: 17.48 min Scan# 2449

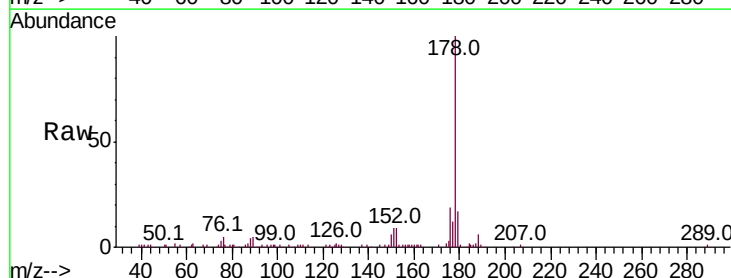
Delta R.T. -0.09 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Tgt Ion:178 Resp: 55985

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.0
176	19.0	15.4	23.2

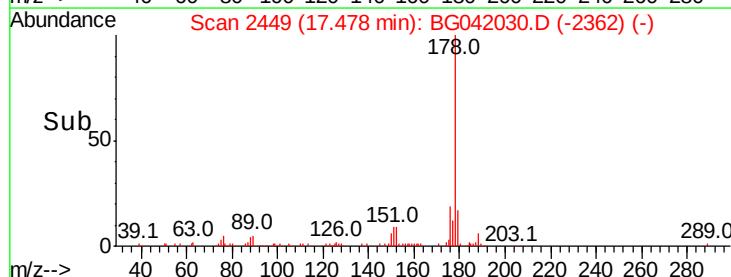
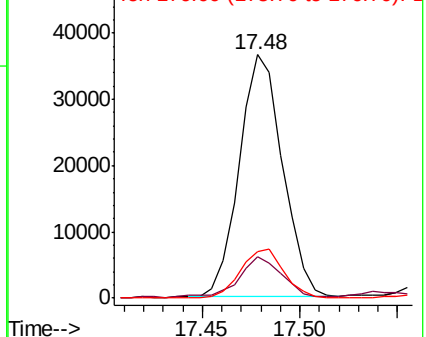


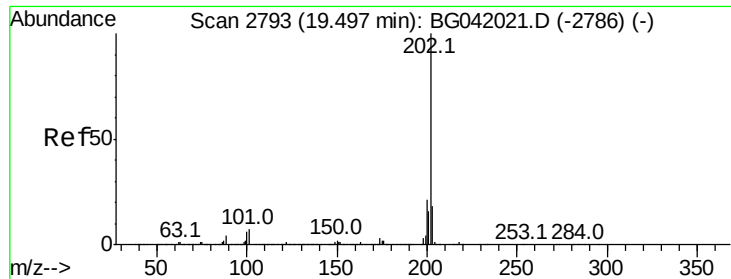
Abundance

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: 3.882 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

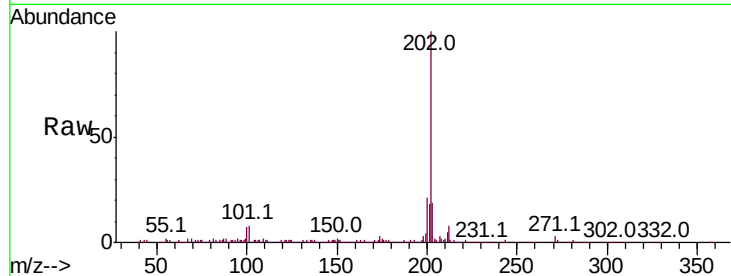
Tot Ion:202 Resp: 129930

Ion Ratio Lower Upper

202 100

101 8.0 6.7 10.1

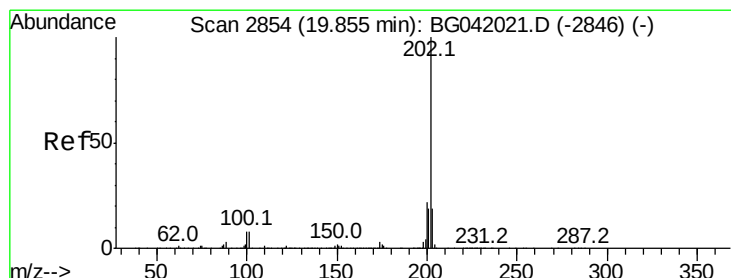
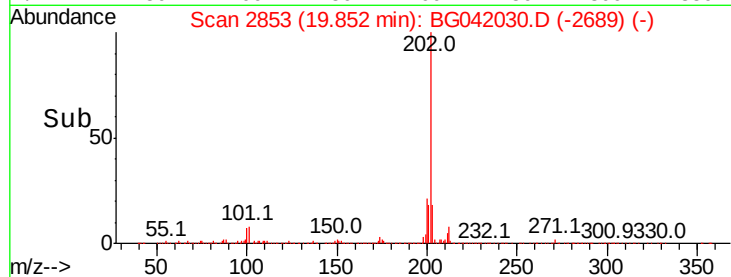
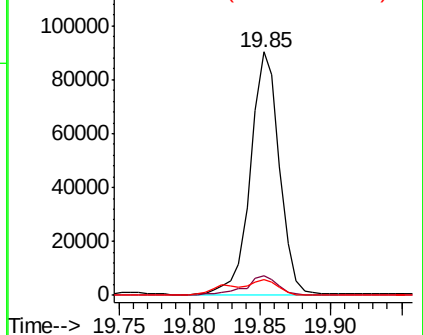
100 6.5 5.3 7.9



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: 3.784 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

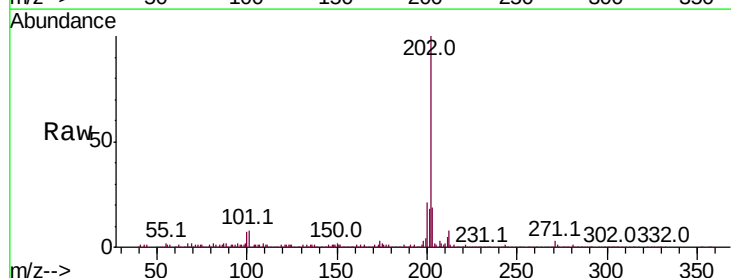
Tgt Ion:202 Resp: 129930

Ion Ratio Lower Upper

202 100

101 8.0 7.6 11.4

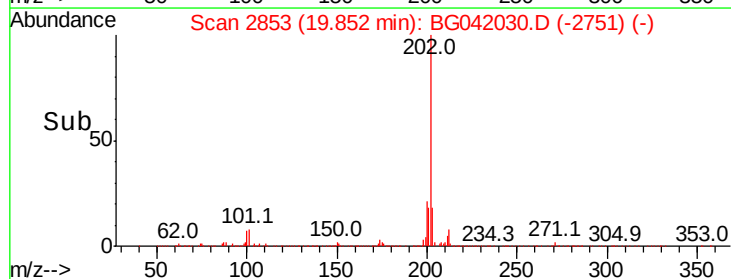
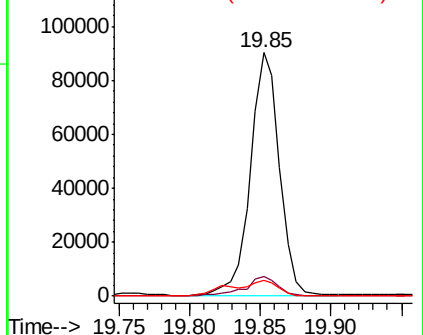
100 6.5 6.5 9.7

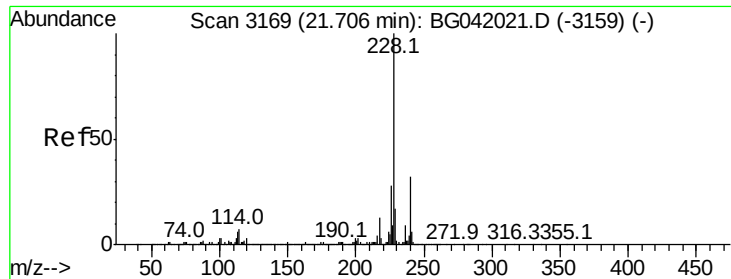


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.002 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Instrument :

BNA_G

ClientSampled :

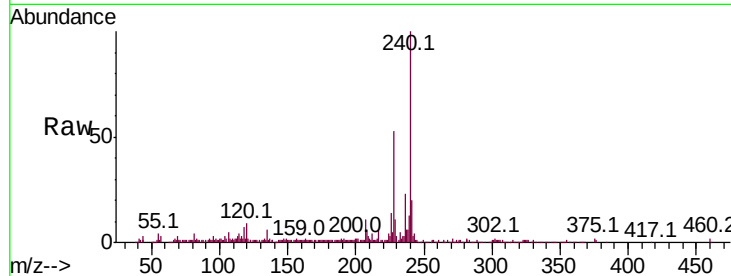
Tot Ion:228 Resp: 70856

Ion Ratio Lower Upper

228 100

229 20.2 17.0 25.6

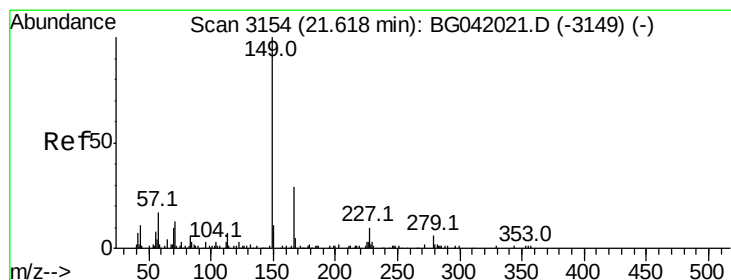
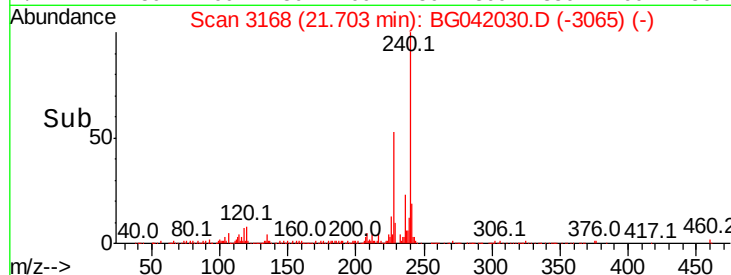
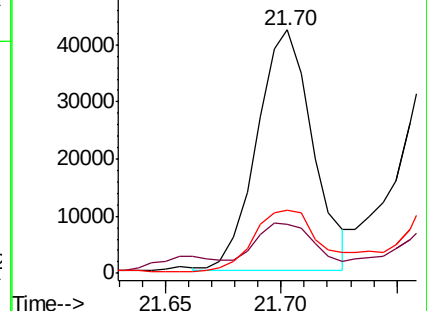
226 26.1 23.3 34.9



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: 1.607 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

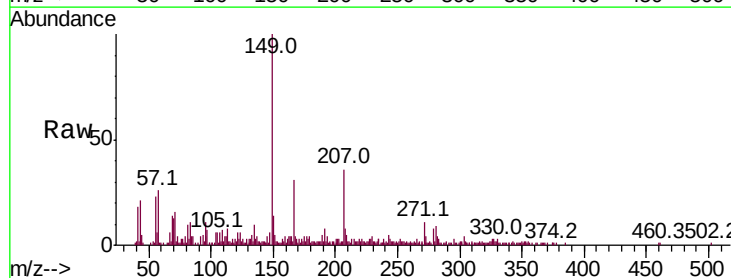
Tgt Ion:149 Resp: 29626

Ion Ratio Lower Upper

149 100

167 30.7 25.0 37.4

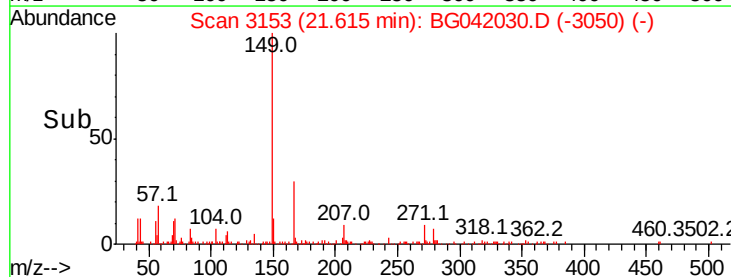
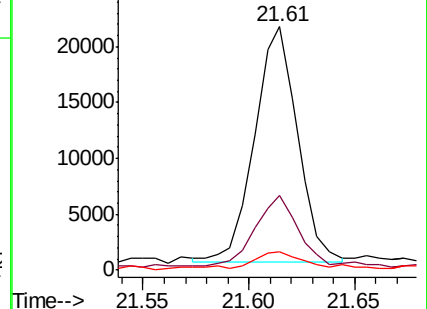
279 7.8 5.2 7.8

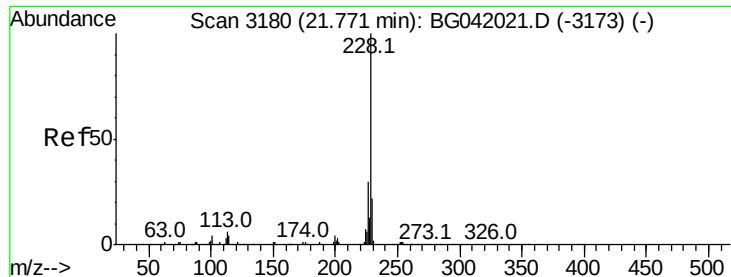


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.288 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

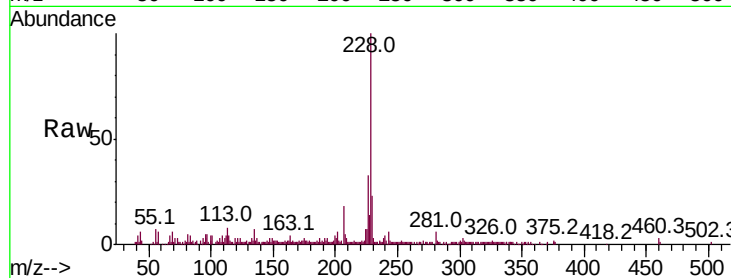
Tot Ion:228 Resp: 75571

Ion Ratio Lower Upper

228 100

226 33.3 25.7 38.5

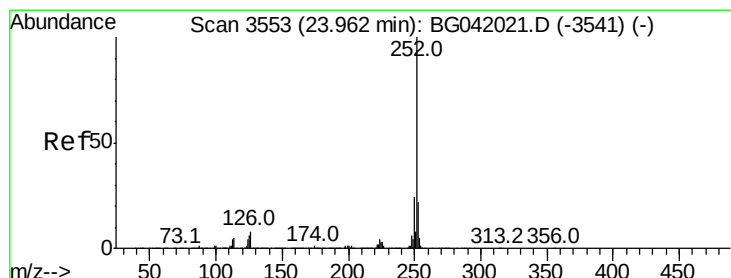
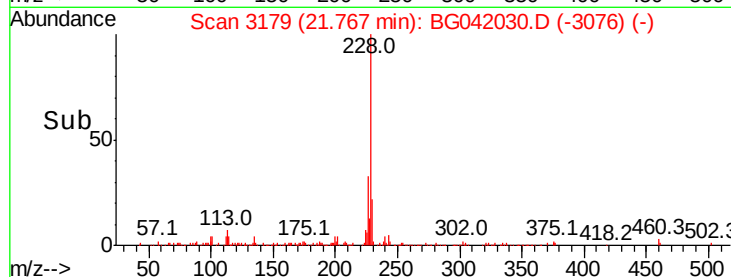
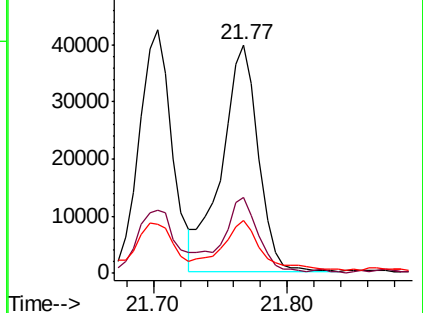
229 23.1 16.6 24.8



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: 2.696 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

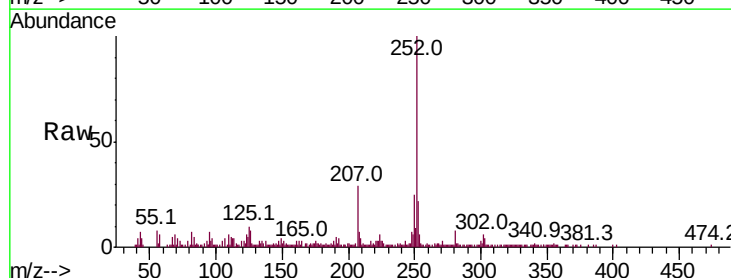
Tgt Ion:252 Resp: 103924

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

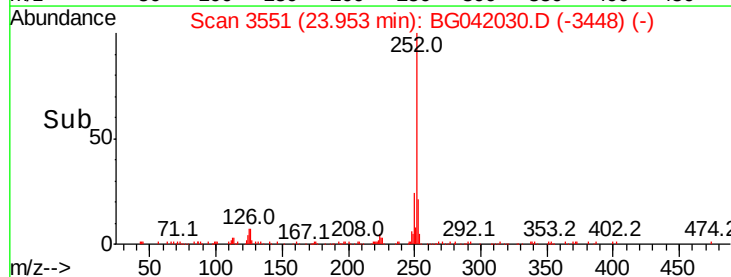
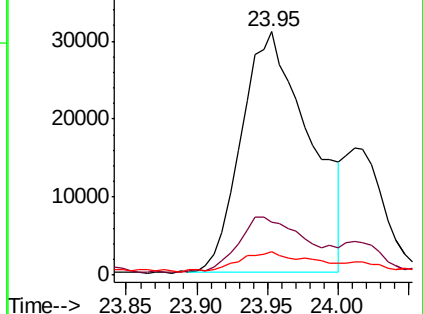
125 9.7 5.8 8.8#

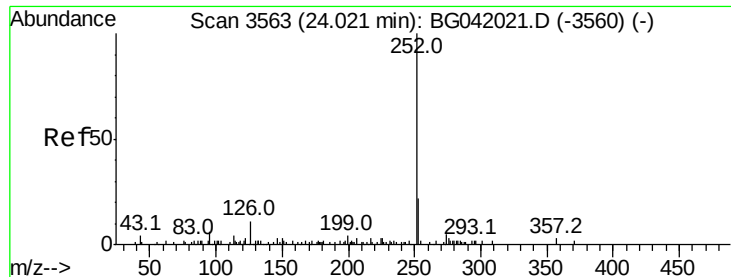


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.804 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. -0.06 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

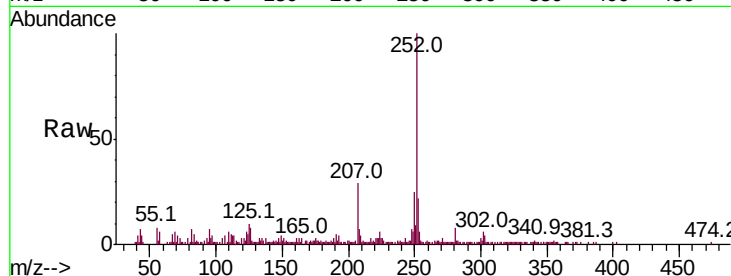
Tot Ion:252 Resp: 103924

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

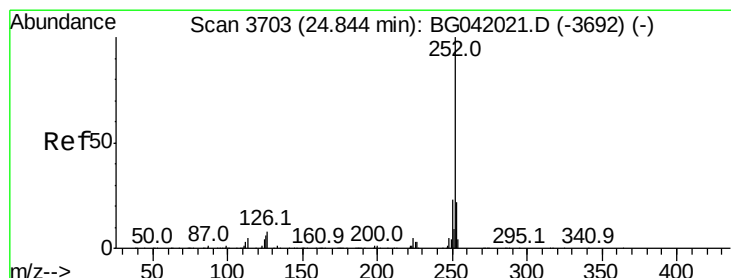
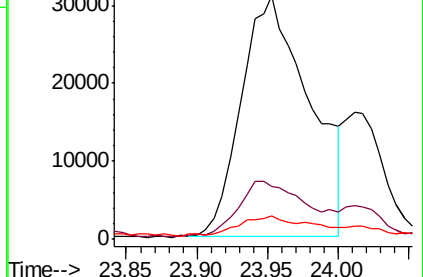
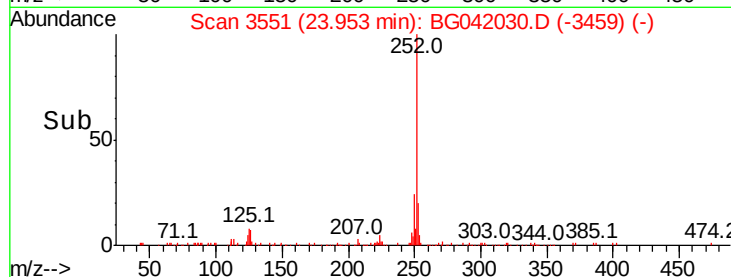
125 9.7 5.5 8.3#



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: 2.019 ng/ul

RT: 24.83 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG042030.D

Acq: 7 Aug 2019 14:20

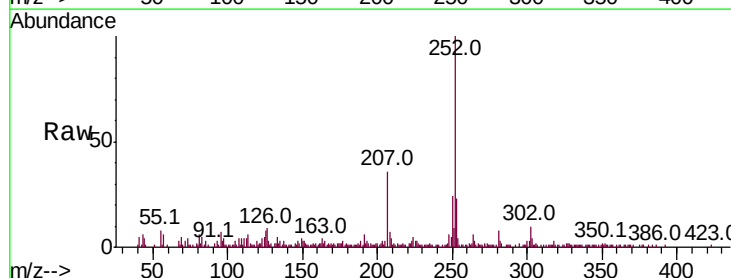
Tgt Ion:252 Resp: 74177

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

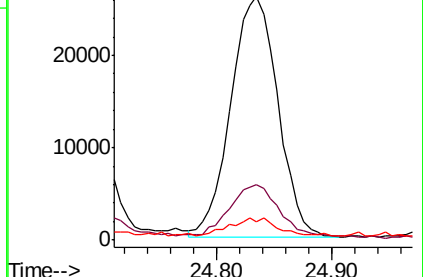
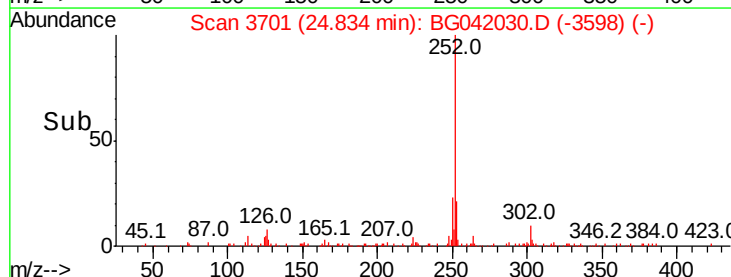
125 7.7 6.5 9.7

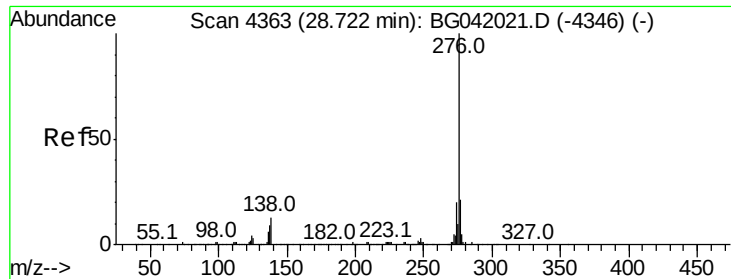


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



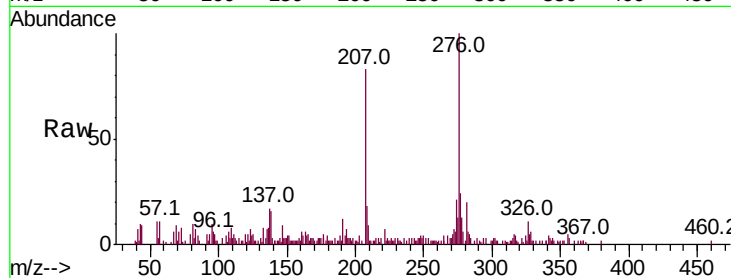


#91

Indeno(1,2,3-cd)pvrene
 Concen: 1.218 ng/ul
 RT: 28.71 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: BG042030.D
 Acq: 7 Aug 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.0	18.0
277	23.9	19.2	28.8



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

