

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011710.D
 Acq On : 23 Sep 2017 17:57
 Operator : SJ/JU
 Sample : I5324-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AU0

Quant Time: Oct 09 16:30:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 04:47:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	191629	20.00	ng/ul	0.05
18) Naphthalene-d8	10.77	136	703198	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.58	164	371017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	818956	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	924603	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	959435	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	24646	5.79	ng/uL	0.00
5) Phenol-d5	7.11	99	106906	5.81	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	381851	30.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.49	132	338478	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	189362	13.18	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	204825	38.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	219589	39.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	359003	32.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.99	166	1220601	38.91	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	1394227	36.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	33431	5.67	ng/ul	0.00
58) Fluorene-d10	15.57	176	988849	36.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	175197	36.77	ng/ul	0.00
71) Anthracene-d10	17.42	188	1606656	39.84	ng/ul	0.00
79) Pyrene-d10	19.71	212	1853416	42.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1888987	41.31	ng/ul	0.00

Target Compounds

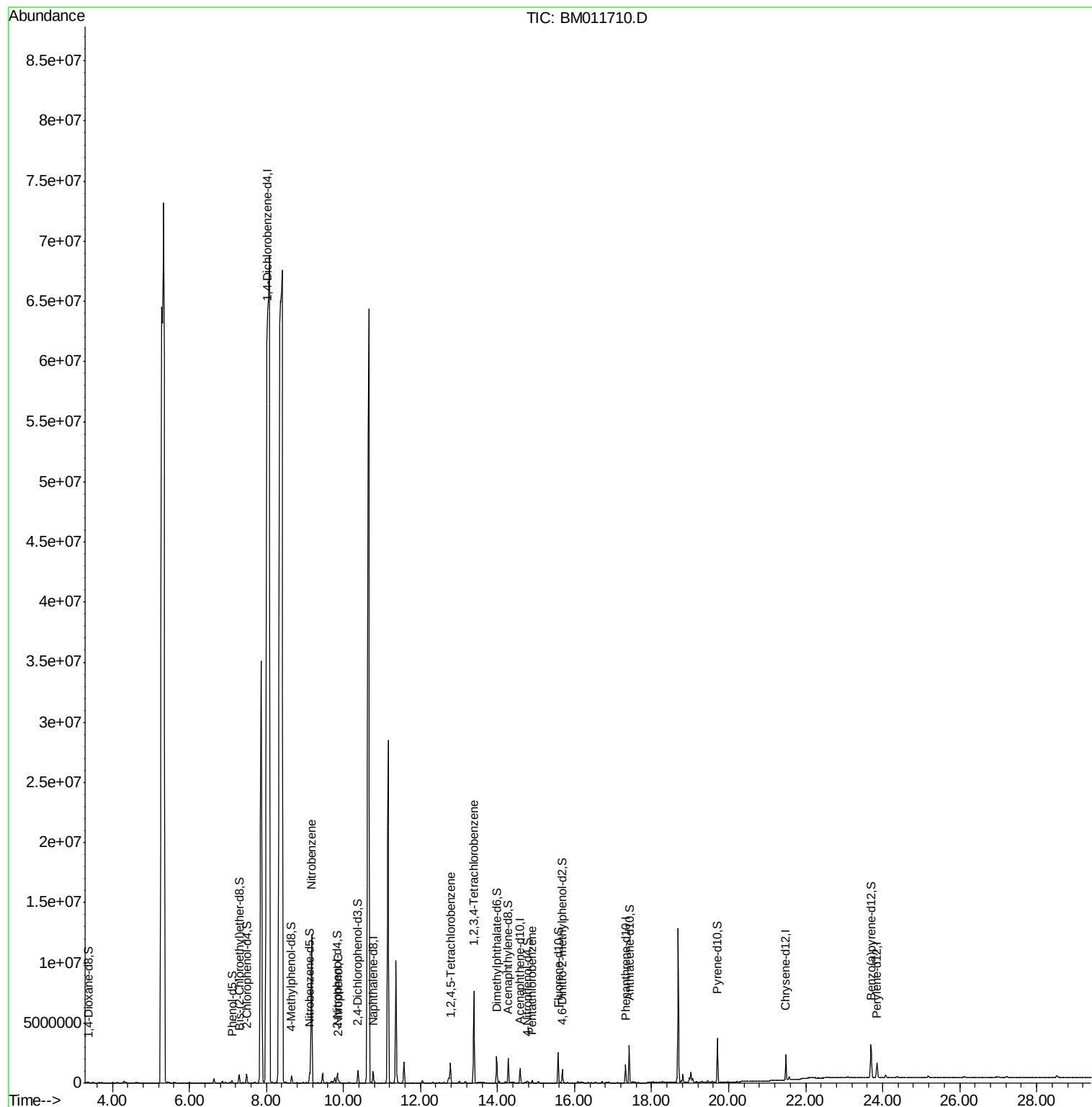
				Ovalue	
20) Nitrobenzene	9.17	77	6290627	501.160	ng/ul# 96
23) 2-Nitrophenol	9.87	139	48909	8.388	ng/ul 89
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	505215	45.905	ng/ul# 95
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	2126537	194.863	ng/uL 99
74) Pentachlorobenzene	14.90	250	54548	4.928	ng/uL 96

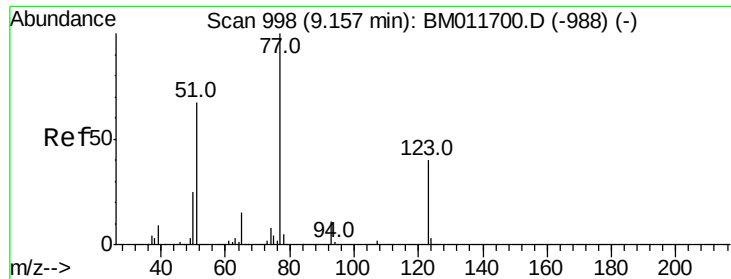
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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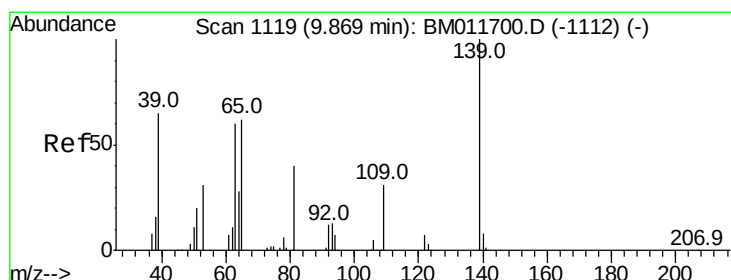
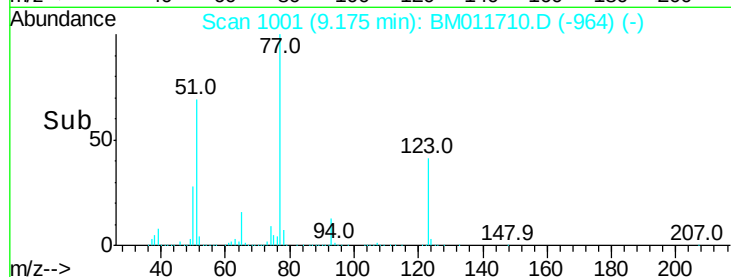
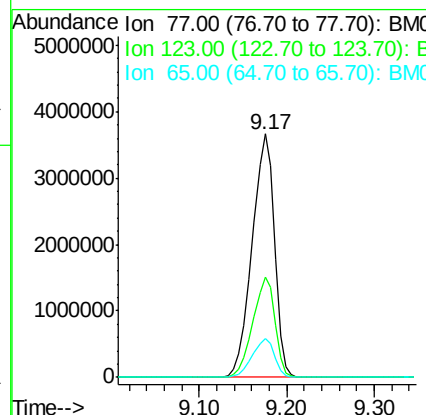
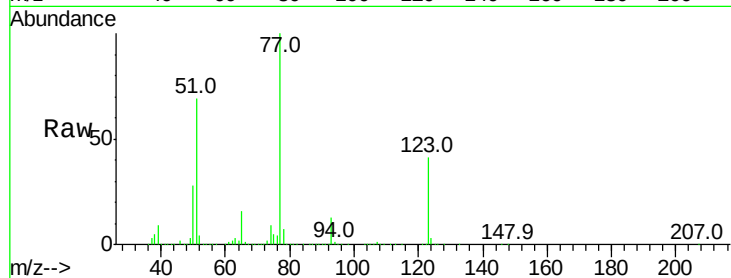




#20
Nitrobenzene
Concen: 501.160 ng/ul
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

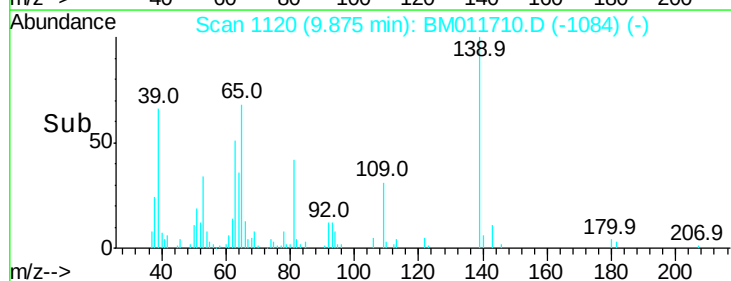
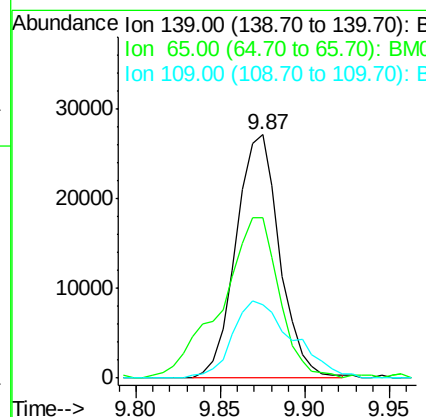
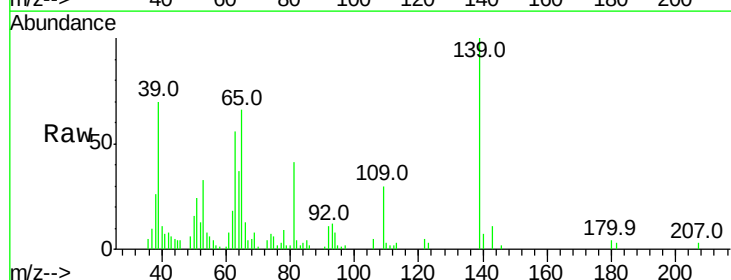
Instrument :
BNA_M
ClientSampled :
C0AU0

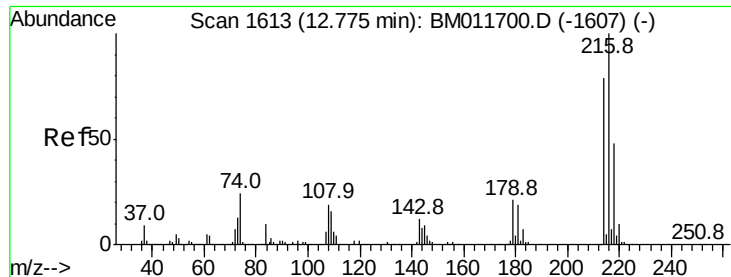
Tot Ion: 77 Resp: 6290627
Ion Ratio Lower Upper
77 100
123 41.4 31.8 47.8
65 16.0 10.6 16.0#



#23
2-Nitrophenol
Concen: 8.388 ng/ul
RT: 9.87 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Tgt Ion: 139 Resp: 48909
Ion Ratio Lower Upper
139 100
65 66.1 45.3 67.9
109 30.2 27.7 41.5

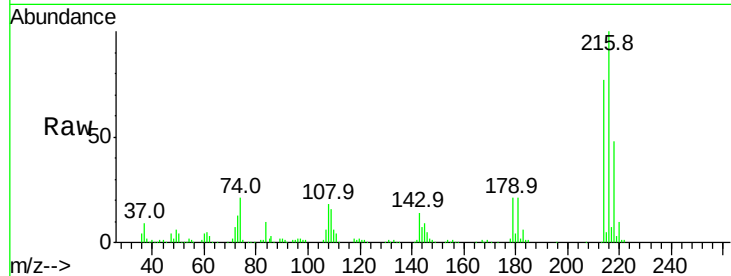




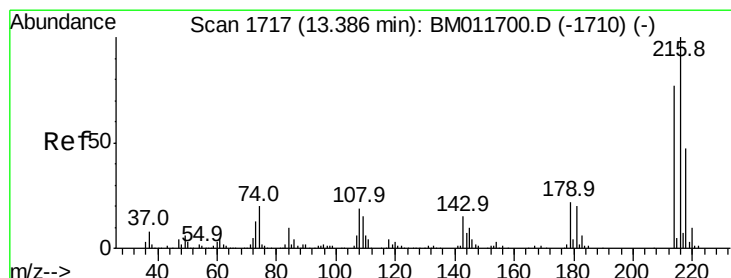
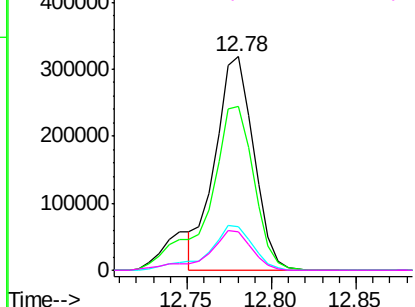
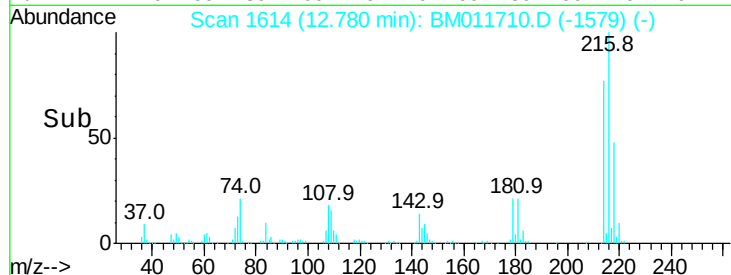
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.905 ng/uL
 RT: 12.78 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BM011710.D
 Acq: 23 Sep 2017 17:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AU0

Tot Ion:	216	Resp:	505215
Ion	Ratio	Lower	Upper
216	100		
214	77.0	64.1	96.1
179	20.6	14.5	21.7
108	18.0	10.4	15.6

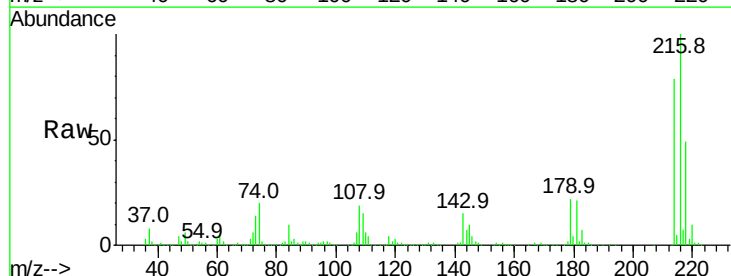


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

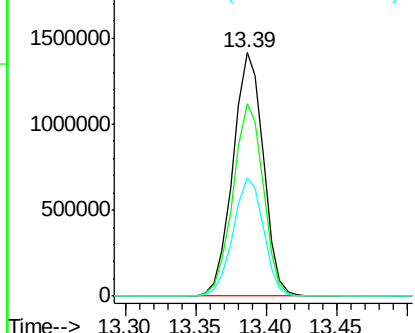
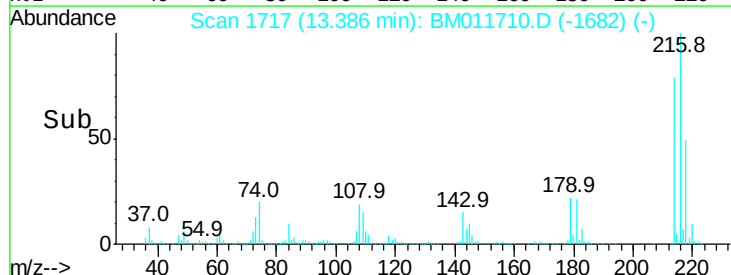


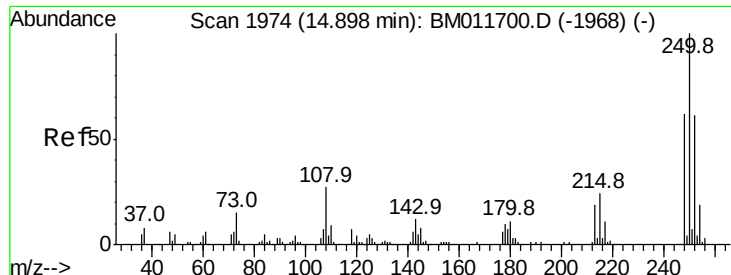
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 194.863 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BM011710.D
 Acq: 23 Sep 2017 17:57

Tgt Ion:	216	Resp:	2126537
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.1	96.1
218	48.5	39.4	59.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.928 ng/uL

RT: 14.90 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM011710.D

Acq: 23 Sep 2017 17:57

Instrument :

BNA_M

ClientSampleId :

C0AU0

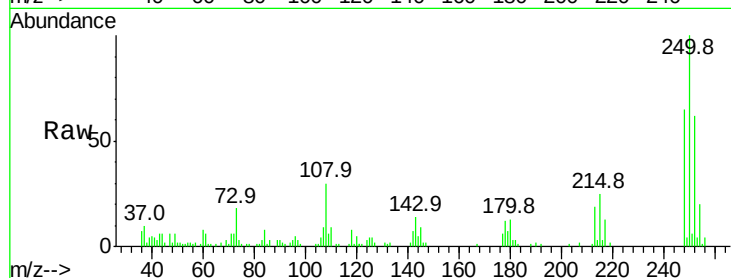
Tot Ion:250 Resp: 54548

Ion Ratio Lower Upper

250 100

248 61.4 51.4 77.2

252 58.2 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

