

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092018\
 Data File : BM016818.D
 Acq On : 20 Sep 2018 10:51
 Operator : SJ/JU
 Sample : J4896-15DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 02:03:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 21 02:02:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	259550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1049657	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	552152	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1226987	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1366771	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1447295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	15063	2.48	ng/uL	0.00
5) Phenol-d5	6.89	99	247472	11.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	157262	11.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	210171	11.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	200604	11.84	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	92542	13.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	87250	13.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	182082	11.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	233115	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	546415	12.32	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	631222	11.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	77740	10.68	ng/ul	0.00
58) Fluorene-d10	15.35	176	486353	12.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	48544	9.64	ng/ul	0.00
71) Anthracene-d10	17.20	188	753655	12.73	ng/ul	0.00
79) Pyrene-d10	19.50	212	855676	12.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	969294	12.84	ng/ul	0.00

Target Compounds

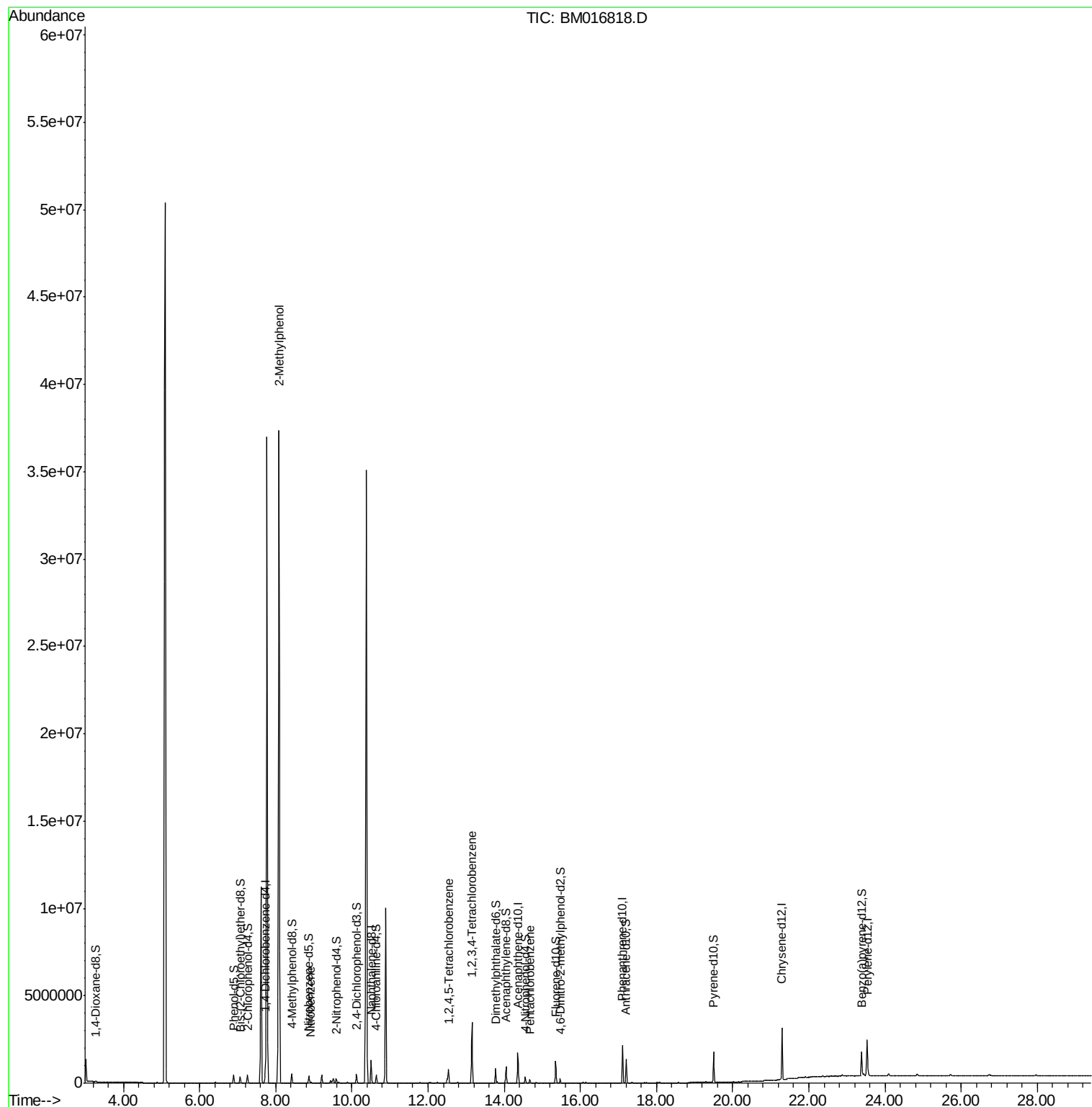
				Ovalue	
11) 2-Methylphenol	8.09	108	135647	8.282	ng/ul 99
20) Nitrobenzene	8.91	77	38474	2.205	ng/ul# 91
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	266180	14.037	ng/ul 96
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1110054	54.662	ng/uL 98
74) Pentachlorobenzene	14.67	250	57482	3.138	ng/uL 97

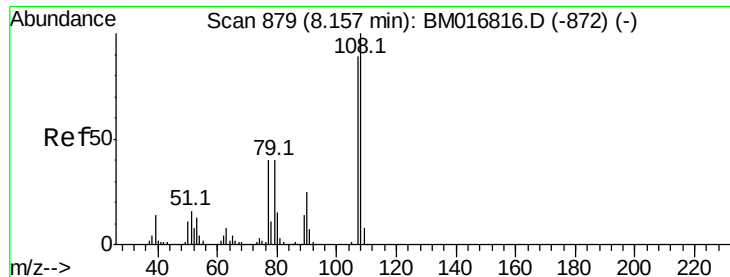
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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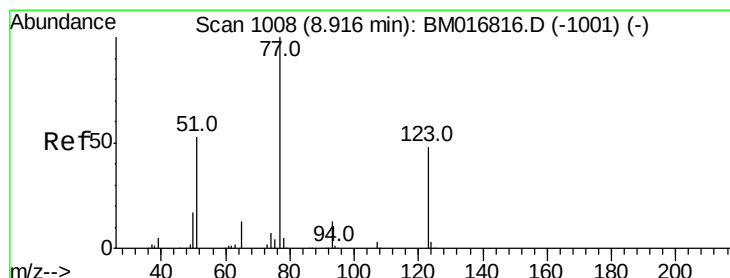
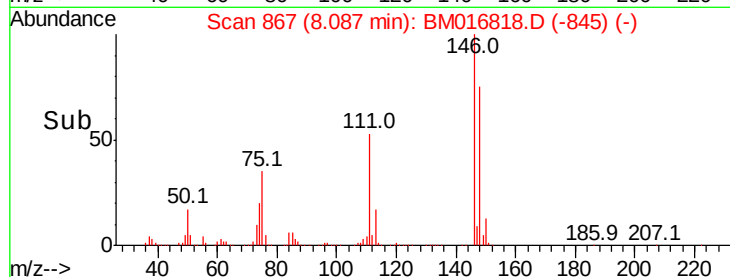
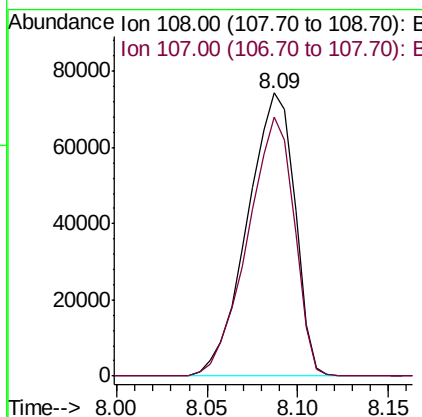
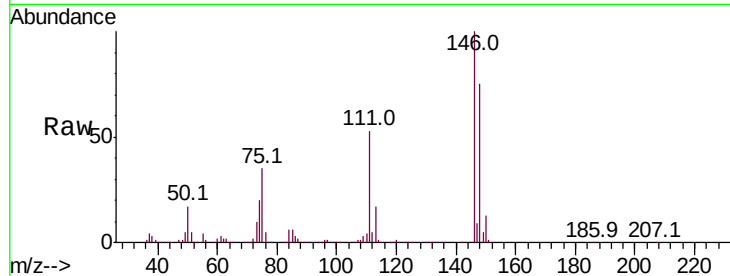




#11
2-Methylphenol
Concen: 8.282 ng/ul
RT: 8.09 min Scan# 867
Delta R.T. -0.07 min
Lab File: BM016818.D
Acq: 20 Sep 2018 10:51

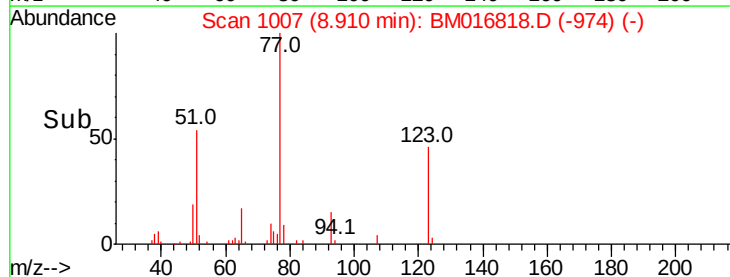
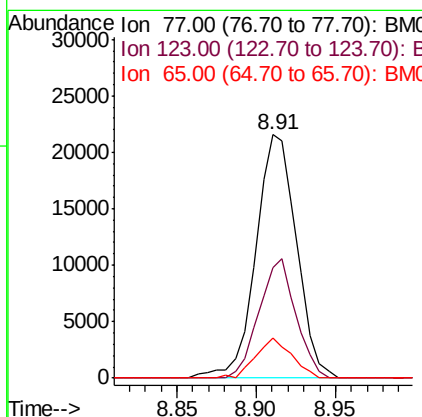
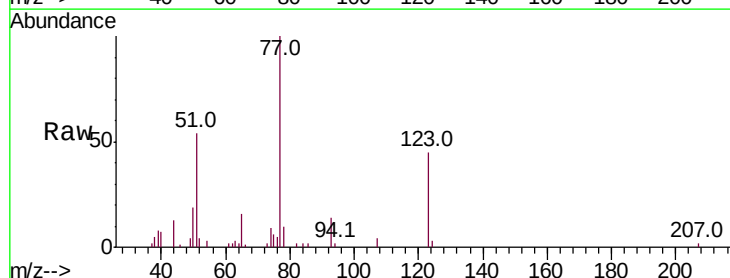
Instrument :
BNA_M
ClientSampled :

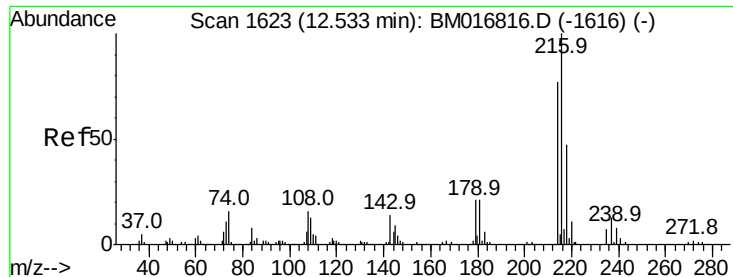
Tot Ion:108 Resp: 135647
Ion Ratio Lower Upper
108 100
107 91.6 74.1 111.1



#20
Nitrobenzene
Concen: 2.205 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM016818.D
Acq: 20 Sep 2018 10:51

Tgt Ion: 77 Resp: 38474
Ion Ratio Lower Upper
77 100
123 45.4 31.8 47.8
65 16.3 10.6 16.0#





#37

1,2,4,5-Tetrachlorobenzene

Concen: 14.037 ng/uL

RT: 12.53 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BM016818.D

Acq: 20 Sep 2018 10:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 266180

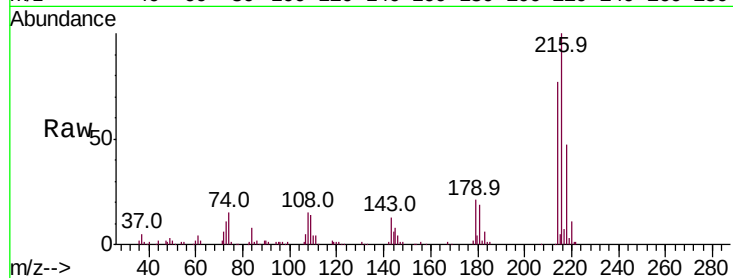
Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.1	96.1
179	20.8	14.5	21.7
108	15.3	10.4	15.6

216 100

214 77.4 64.1 96.1

179 20.8 14.5 21.7

108 15.3 10.4 15.6

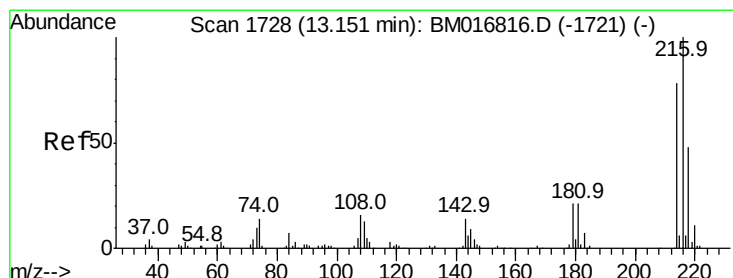
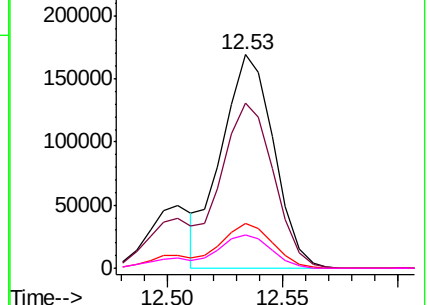
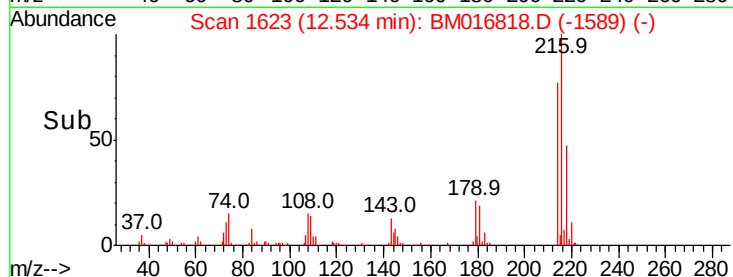


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.662 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BM016818.D

Acq: 20 Sep 2018 10:51

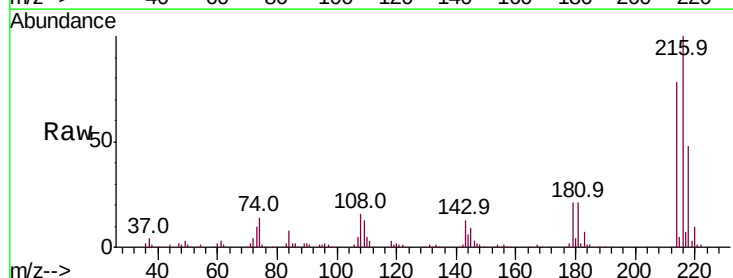
Tgt Ion:216 Resp: 1110054

Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.1	96.1
218	48.2	39.4	59.0

216 100

214 78.1 64.1 96.1

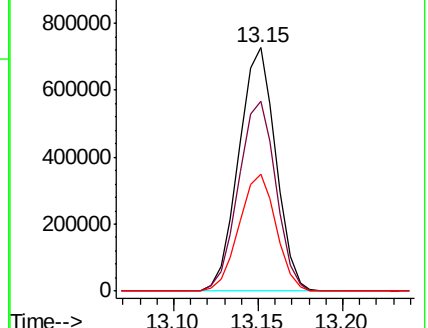
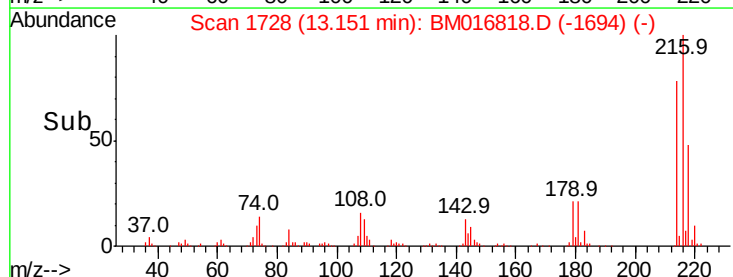
218 48.2 39.4 59.0

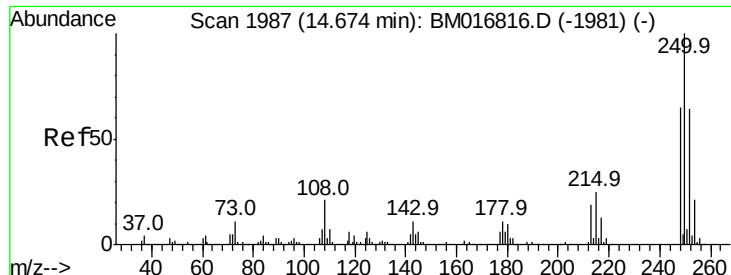


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.138 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016818.D

Acq: 20 Sep 2018 10:51

Instrument :

BNA_M

ClientSampleId :

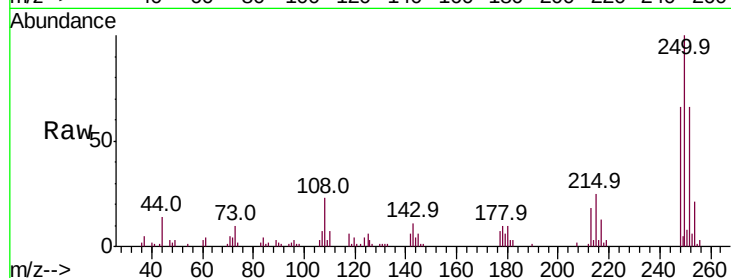
Tot Ion:250 Resp: 57482

Ion Ratio Lower Upper

250 100

248 65.8 51.4 77.2

252 65.8 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

