

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094022.D
 Acq On : 29 Mar 2017 16:59
 Operator : SJ/MA
 Sample : PB97900BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Quant Time: Mar 30 01:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

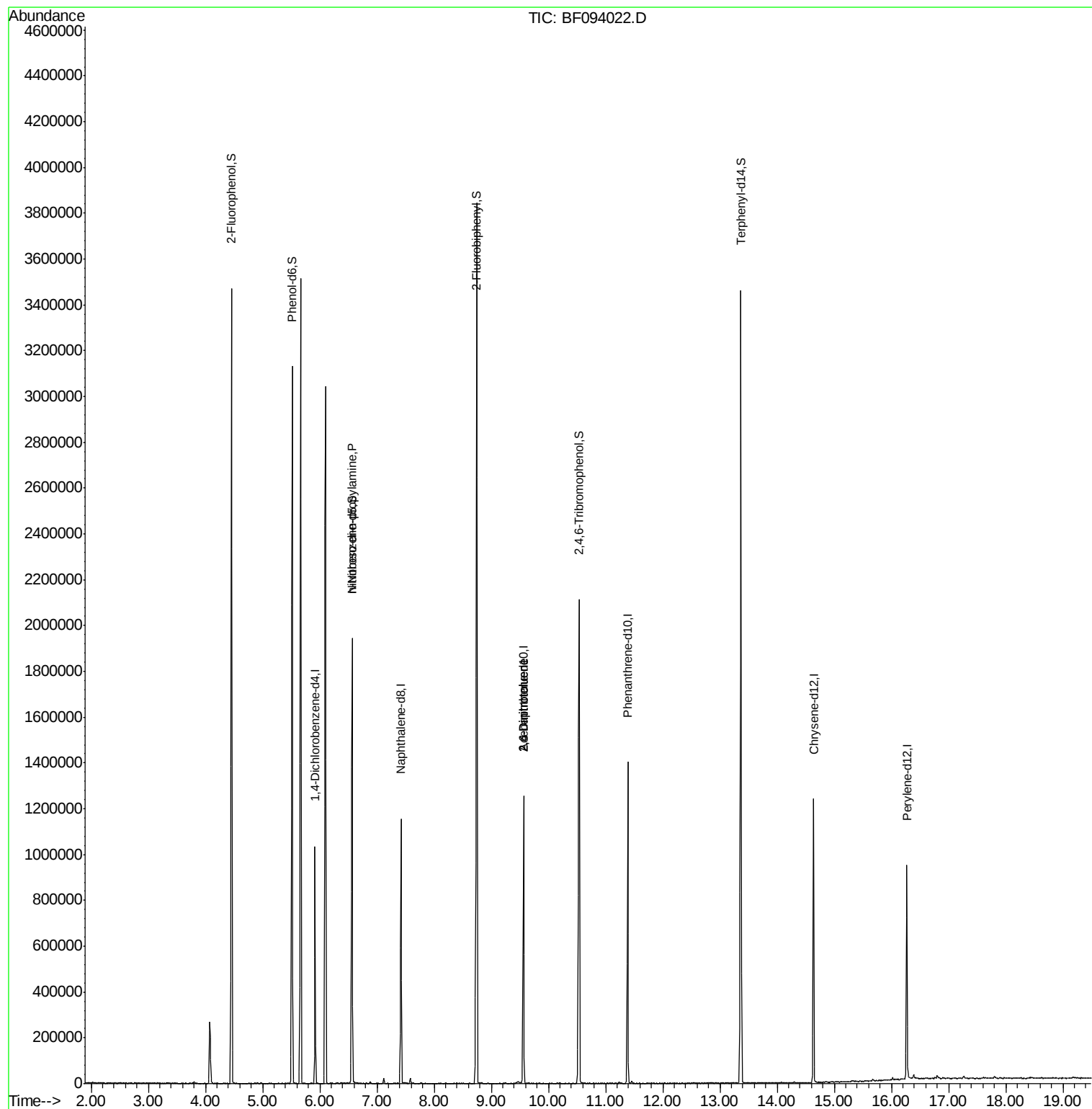
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	160933	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	654400	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	307594	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	564267	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	497665	20.00	ng	-0.04
86) Perylene-d12	16.27	264	384394	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1108917	116.38	ng	-0.02
7) Phenol-d6	5.52	99	1364988	115.80	ng	-0.03
23) Nitrobenzene-d5	6.56	82	845664	73.75	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	313295	128.89	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1597558	79.22	ng	-0.04
78) Terphenyl-d14	13.37	244	1455487	65.56	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	112238	14.82	ng	# 74
50) 2,6-Dinitrotoluene	9.56	165	39128	7.81	ng	# 33
56) 2,4-Dinitrotoluene	9.56	165	39127	6.21	ng	# 33

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

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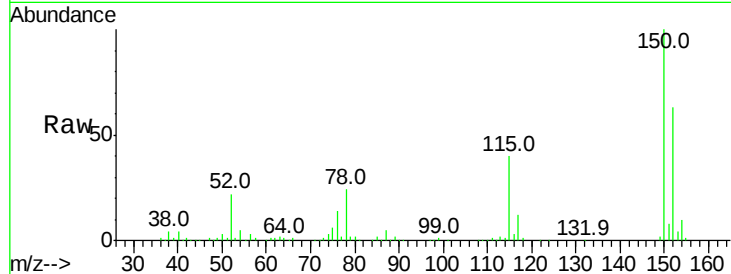


#1

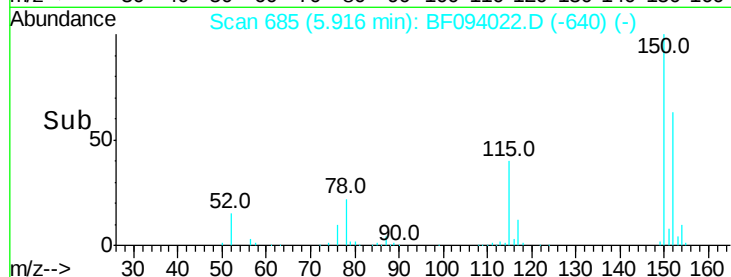
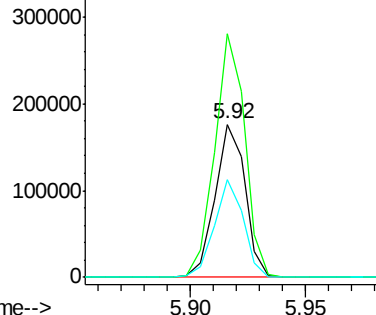
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094022.D
Acq: 29 Mar 2017 16:59

Instrument :
BNA_F
ClientSampleId :
PB97900BL

Tot Ion:152 Resp: 160933
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 64.2 52.2 78.2



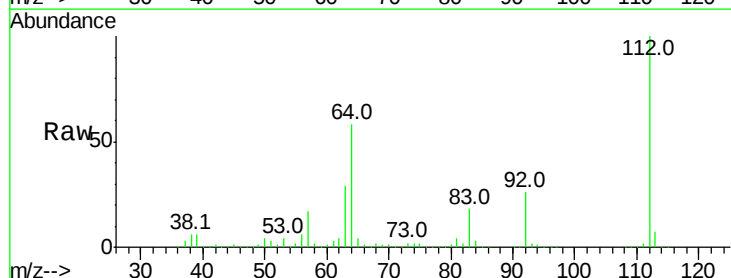
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



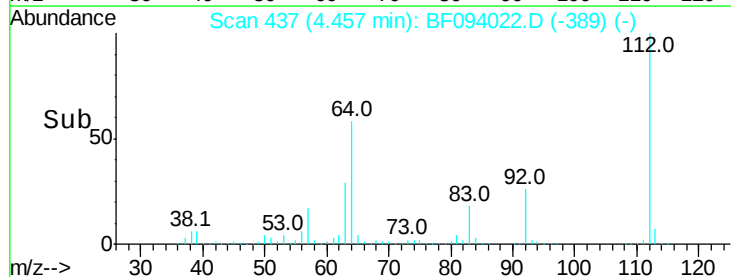
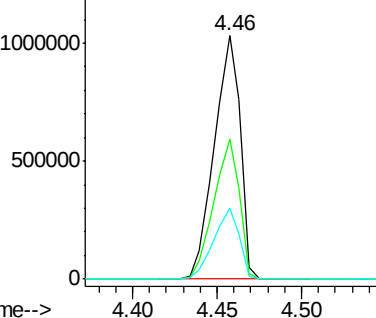
#5

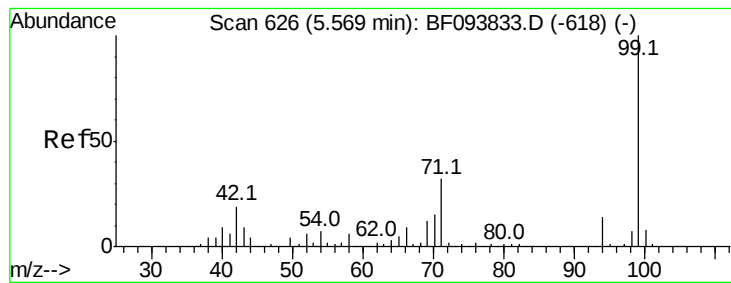
2-Fluorophenol
Concen: 116.38 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094022.D
Acq: 29 Mar 2017 16:59

Tgt Ion:112 Resp: 1108917
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.80 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

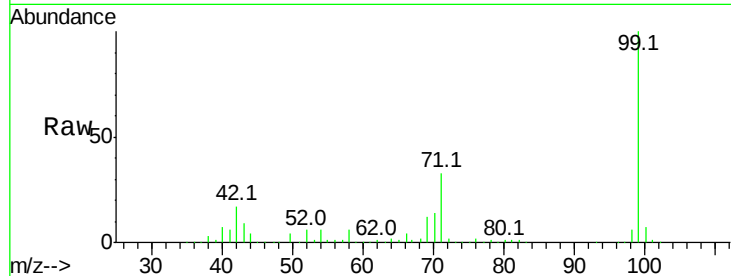
Tot Ion: 99 Resp: 1364988

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

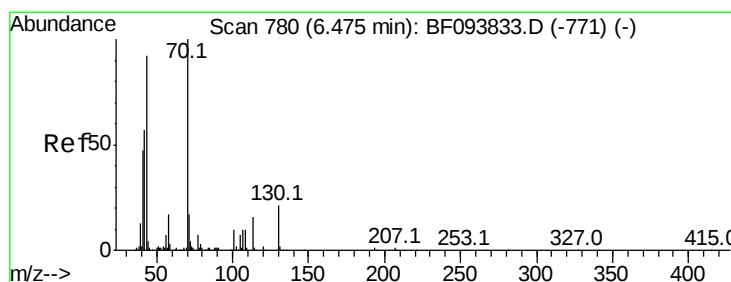
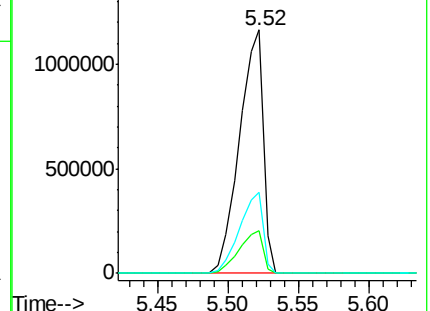
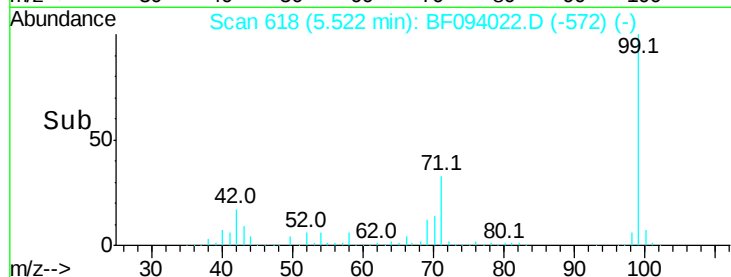
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.82 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Tgt Ion: 70 Resp: 112238

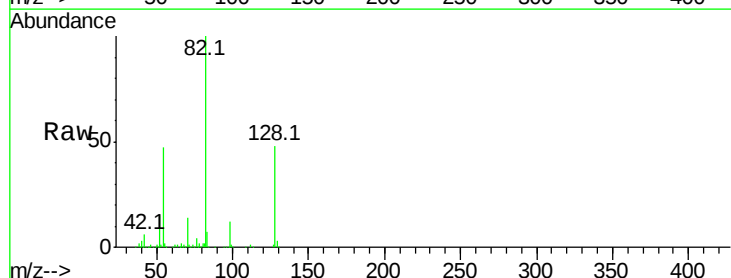
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

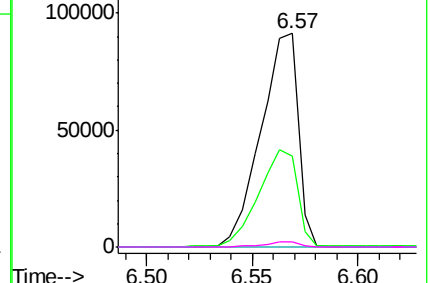
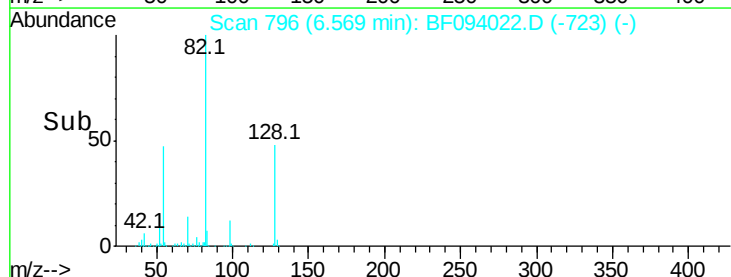


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

Tot Ion:136 Resp: 654400

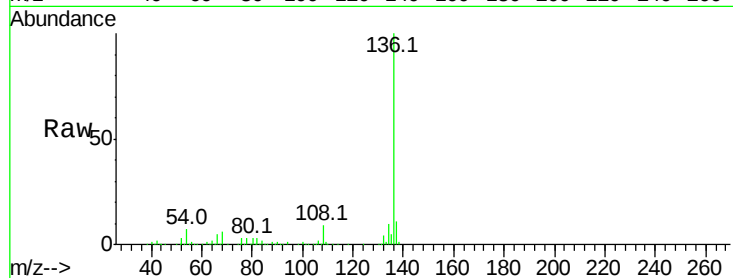
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

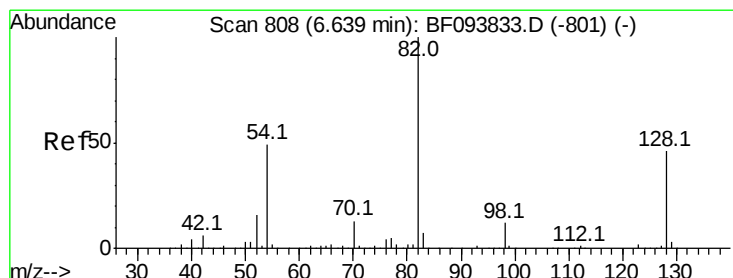
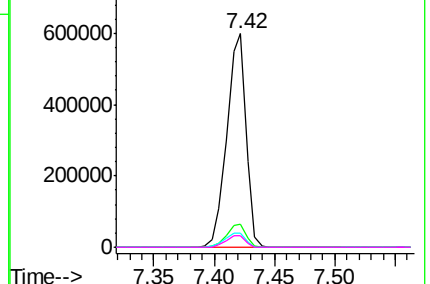
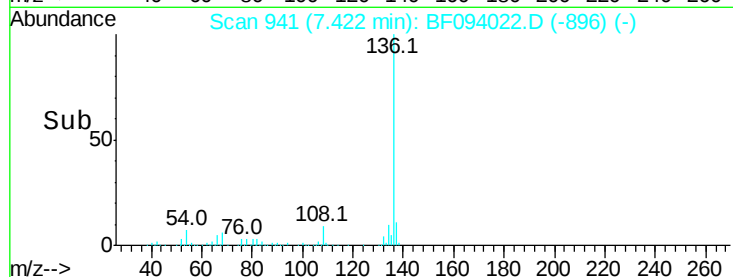


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.75 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

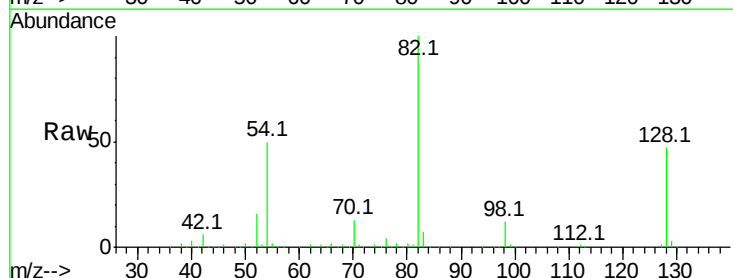
Tgt Ion: 82 Resp: 845664

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

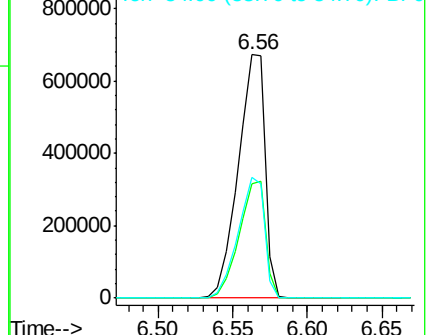
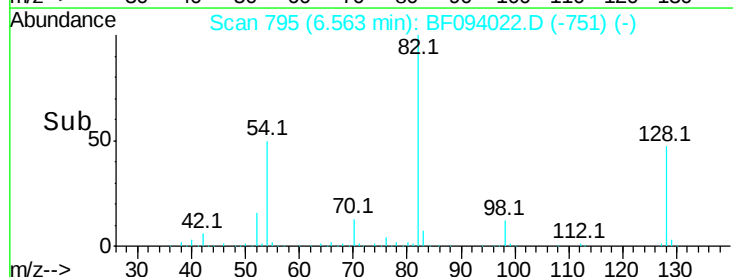
54 49.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

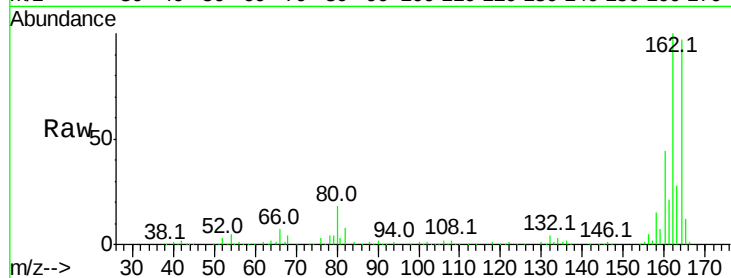




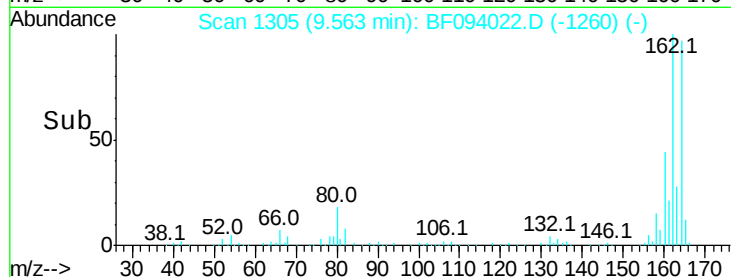
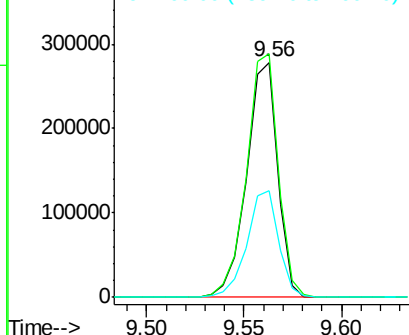
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Tot Ion:164 Resp: 307594
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 45.1 36.2 54.2

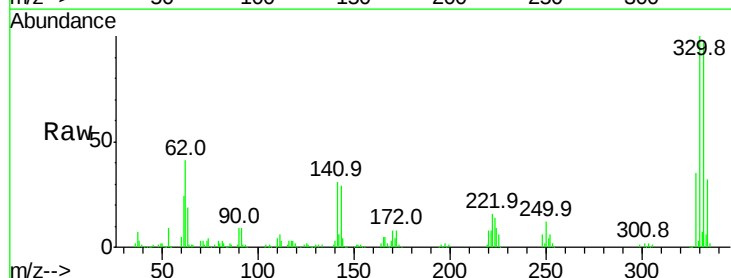


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

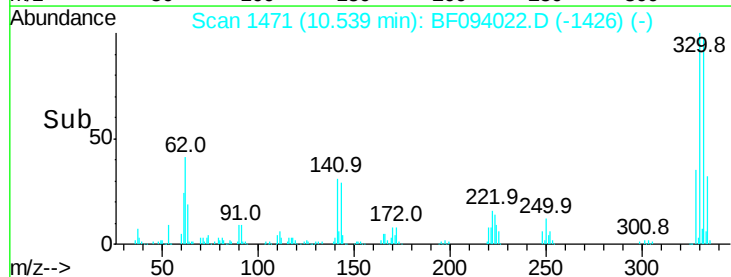
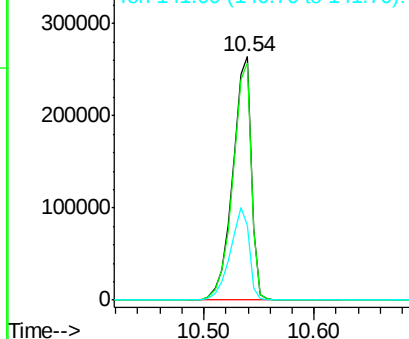


#41
 2,4,6-Tribromophenol
 Concen: 128.89 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Tgt Ion:330 Resp: 313295
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



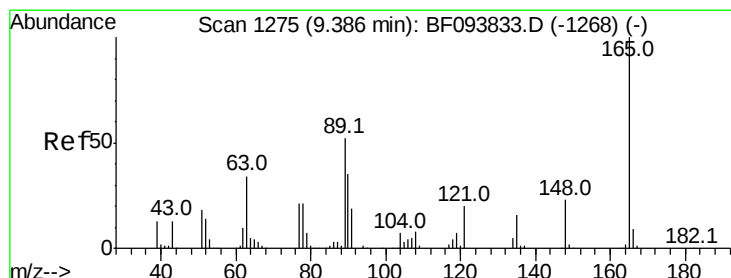
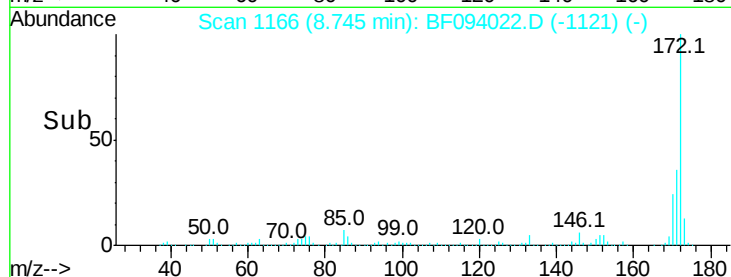
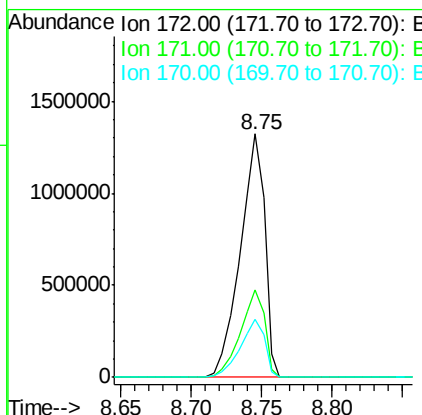
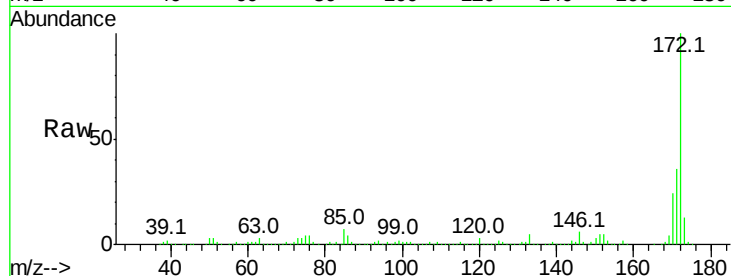


#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Tot Ion:172 Resp: 1597558

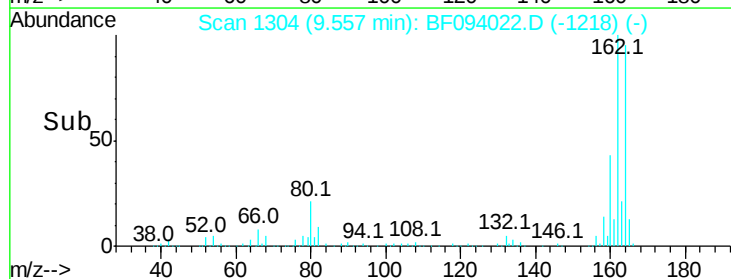
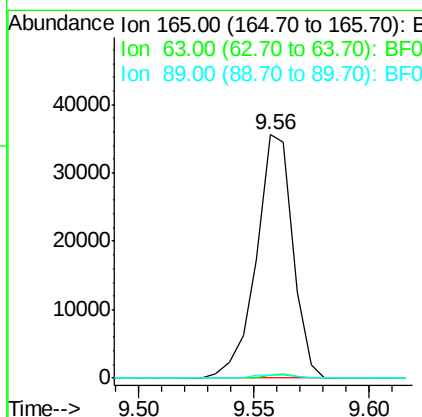
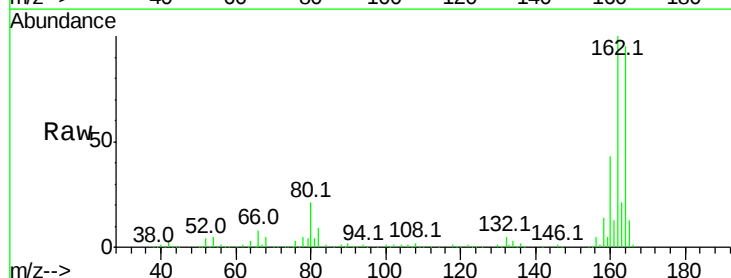
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Tgt Ion:165 Resp: 39128

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.0	37.1	55.7#

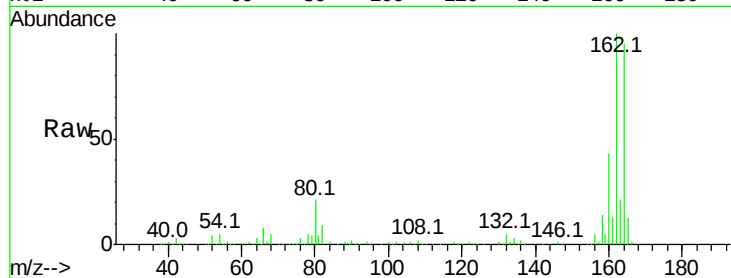




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Tot Ion:	165	Resp:	39127
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#

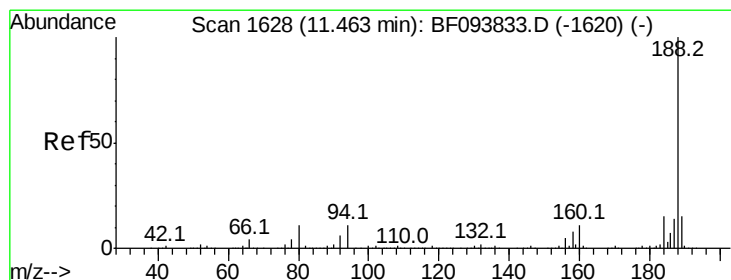
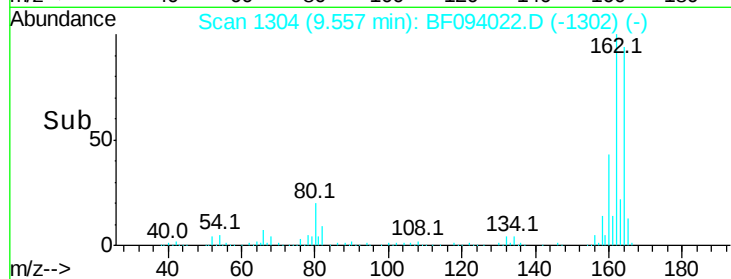
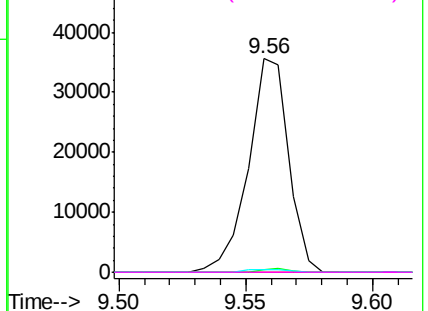


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



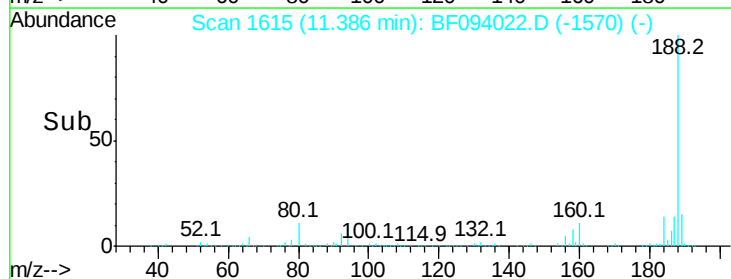
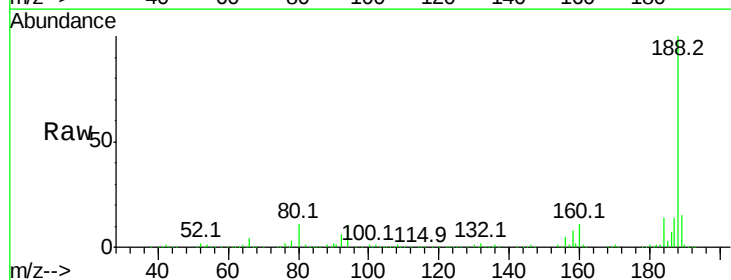
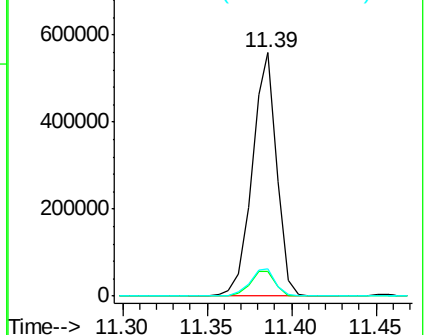
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

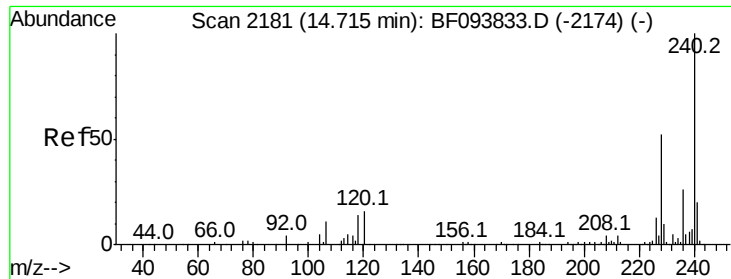
Tgt Ion:	188	Resp:	564267
Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

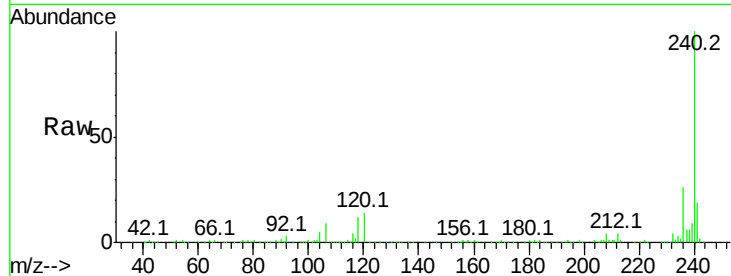
Tot Ion:240 Resp: 497665

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

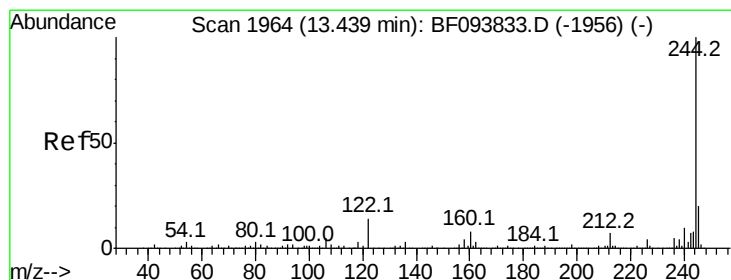
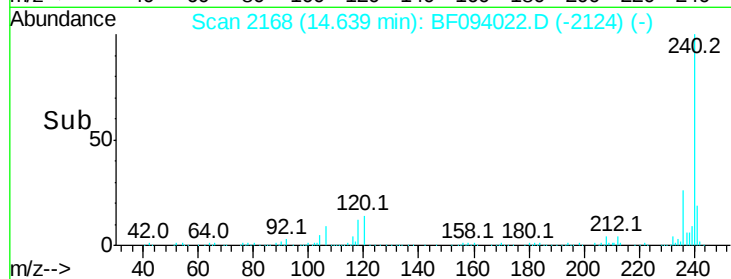
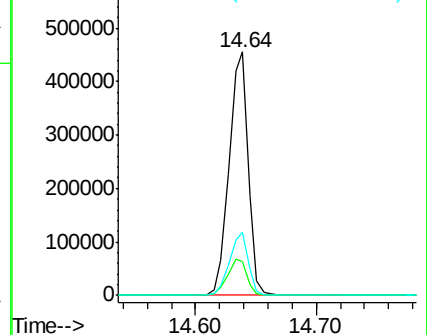
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 65.56 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

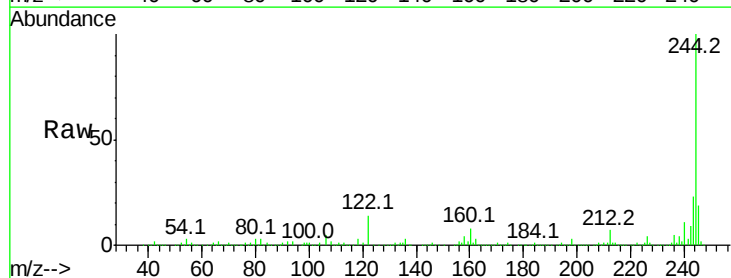
Tgt Ion:244 Resp: 1455487

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

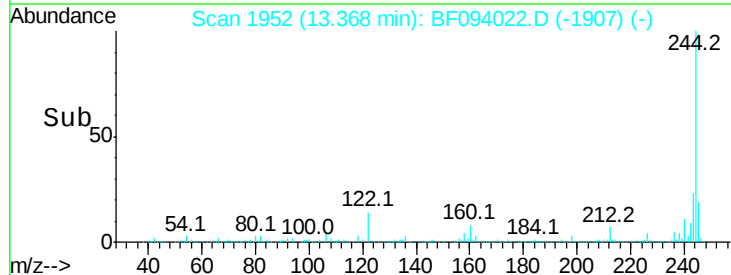
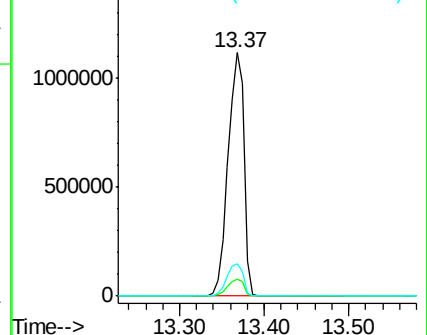
122 13.6 10.3 15.5

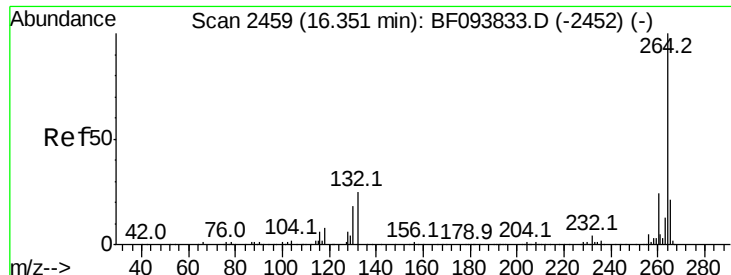


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

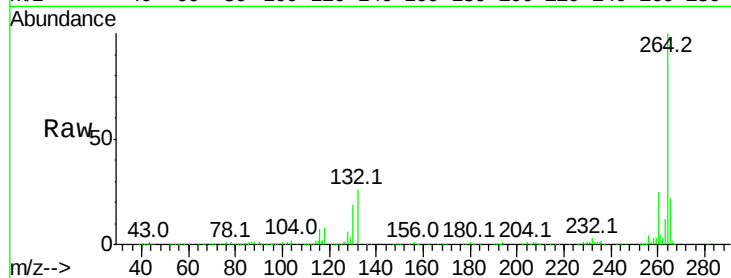




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Tot Ion:	264	Resp:	384394
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

