

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099714.D
 Acq On : 20 Oct 2017 21:25
 Operator : SJ/JU
 Sample : I5950-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170719-C-COMP2

Quant Time: Oct 21 22:02:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

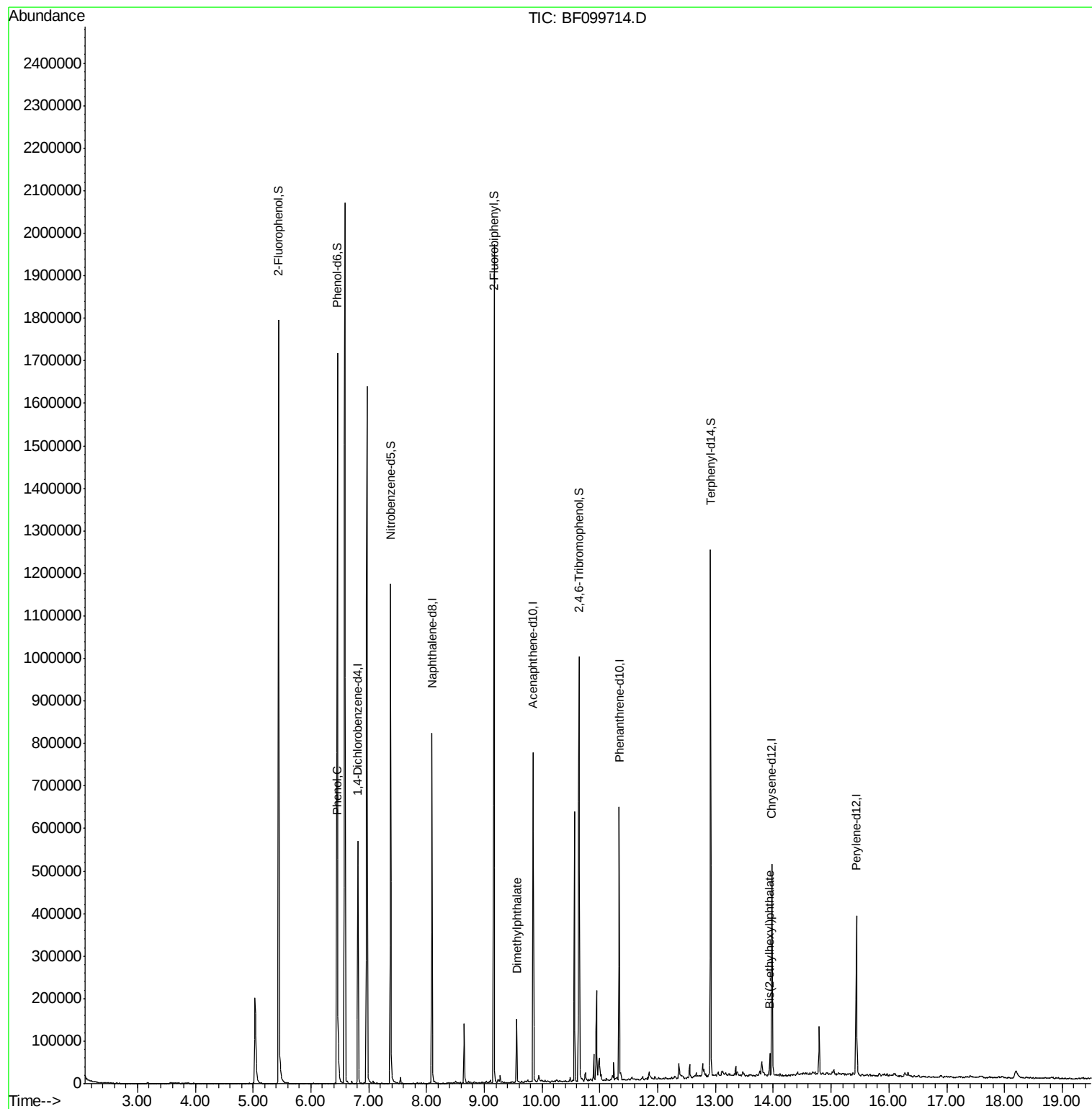
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91696	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	369865	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	149261	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	214204	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	165277	20.00	ng	-0.01
86) Perylene-d12	15.44	264	166778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	580128	100.71	ng	0.00
7) Phenol-d6	6.46	99	677258	95.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	379803	65.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	110612	90.56	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	644119	72.04	ng	0.00
78) Terphenyl-d14	12.92	244	365913	50.35	ng	0.00
Target Compounds						
10) Phenol	6.47	94	23335	2.936	ng	96
49) Dimethylphthalate	9.56	163	60844	5.401	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	17052	2.091	ng	99

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

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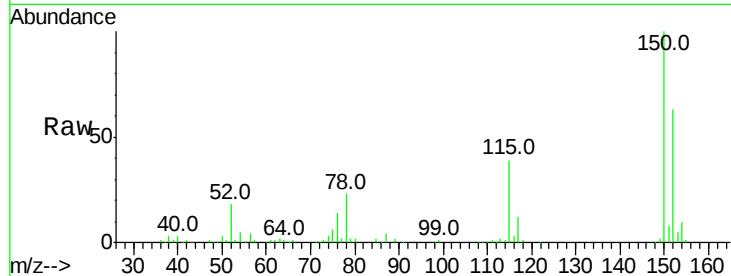


#1

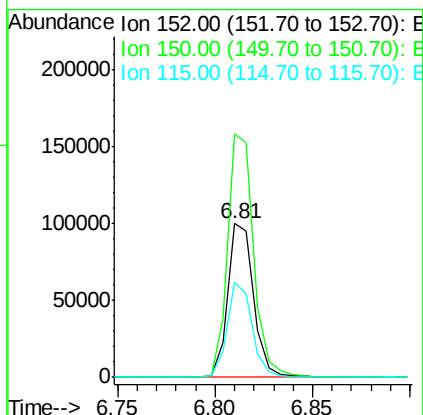
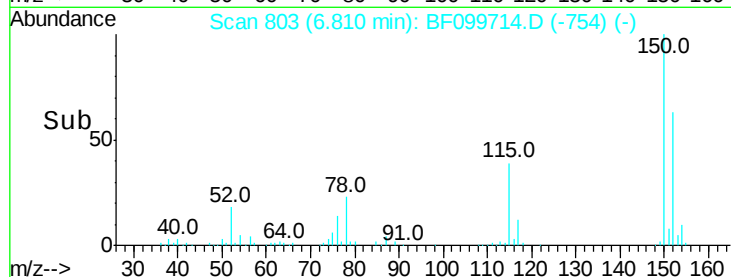
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 20170719-C-COMP2

Tot Ion:152 Resp: 91696
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 61.9 50.1 75.1



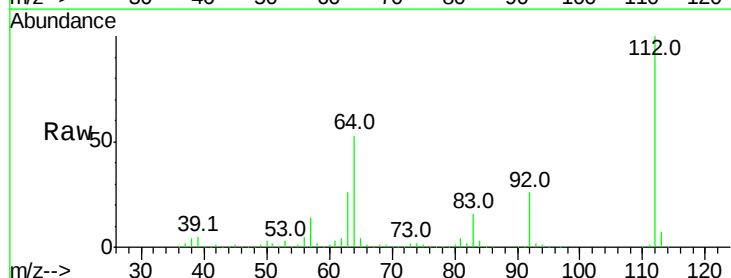
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



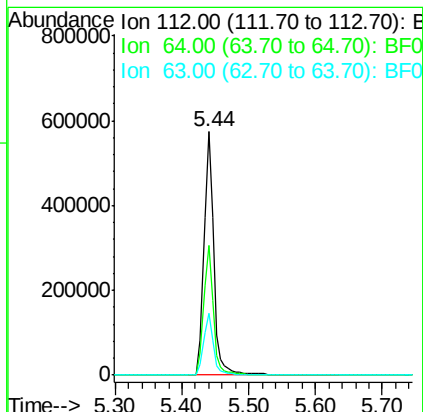
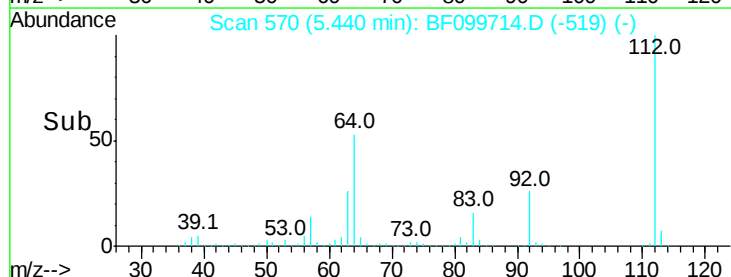
#5

2-Fluorophenol
 Concen: 100.714 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Tgt Ion:112 Resp: 580128
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 25.7 23.7 35.5



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: 95.311 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

20170719-C-COMP2

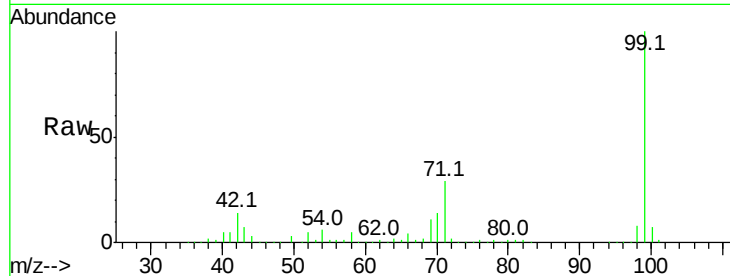
Tot Ion: 99 Resp: 677258

Ion Ratio Lower Upper

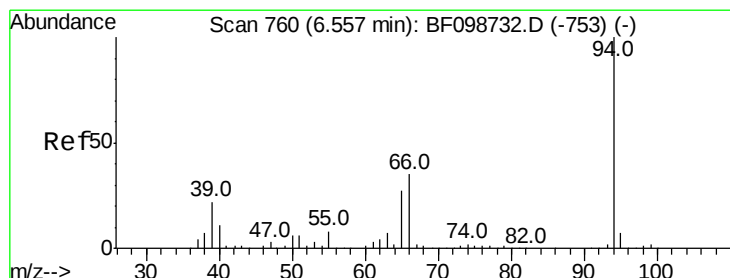
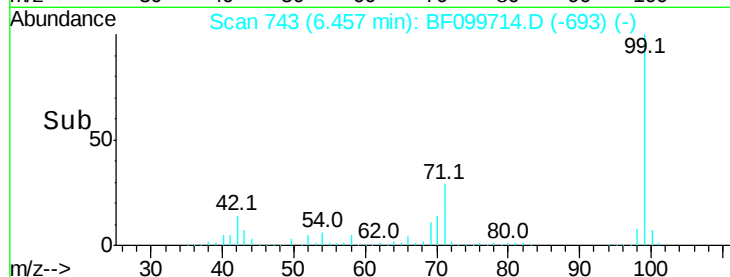
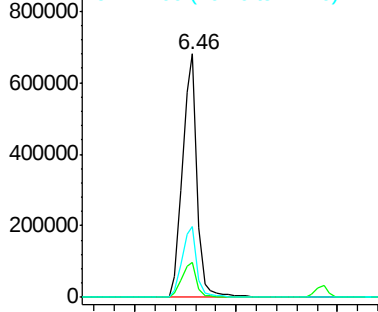
99 100

42 14.2 14.5 21.7#

71 29.2 25.4 38.0



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



#10

Phenol

Concen: 2.936 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

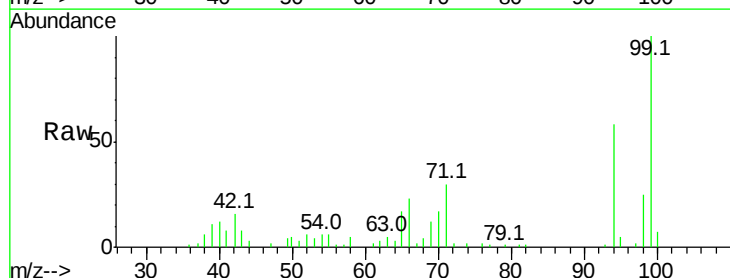
Tgt Ion: 94 Resp: 23335

Ion Ratio Lower Upper

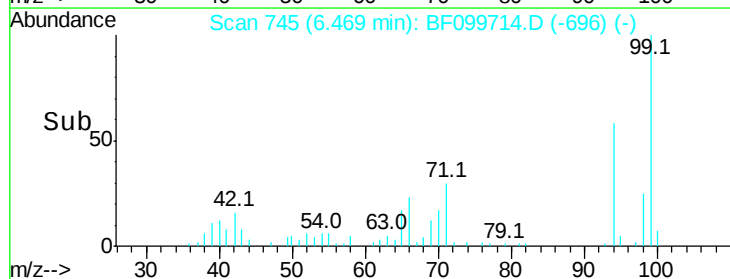
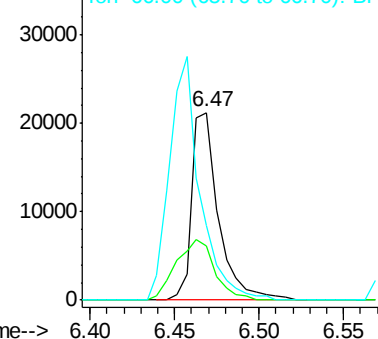
94 100

65 29.2 7.9 47.9

66 39.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

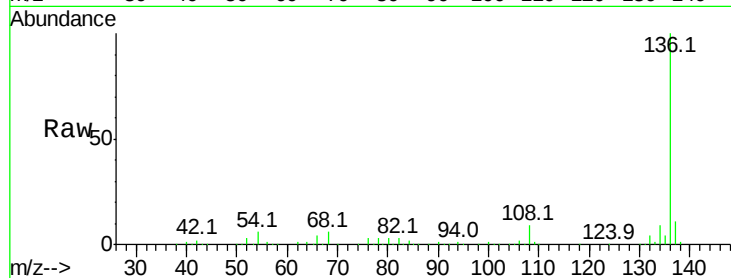




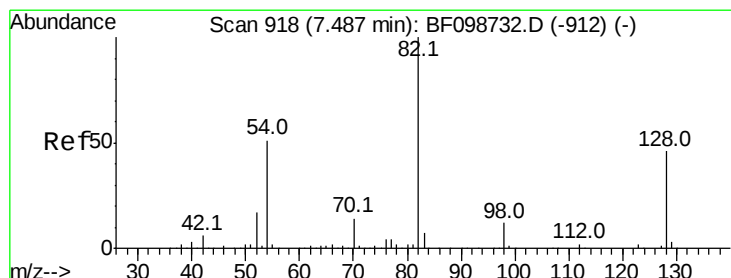
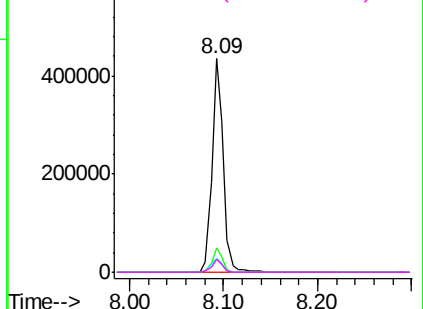
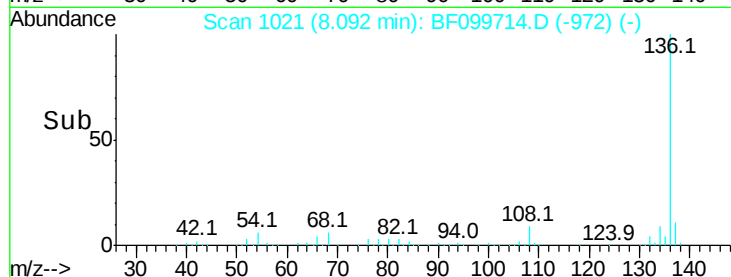
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
20170719-C-COMP2

Tot Ion:	136	Resp:	369865
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

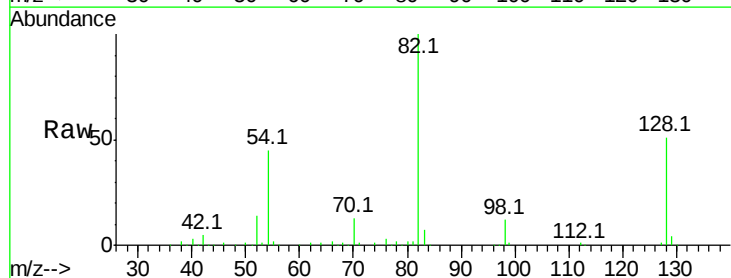


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

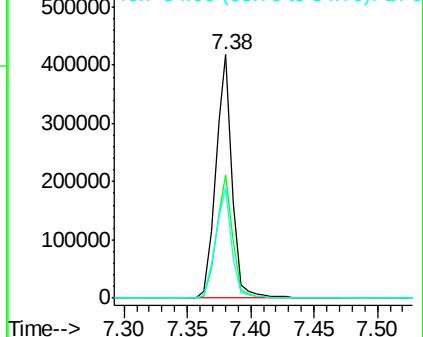
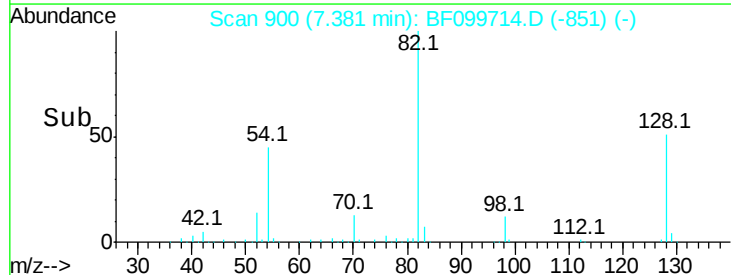


#23
Nitrobenzene-d5
Concen: 65.853 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Tgt Ion:	82	Resp:	379803
Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	45.2	41.4	62.2



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: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

20170719-C-COMP2

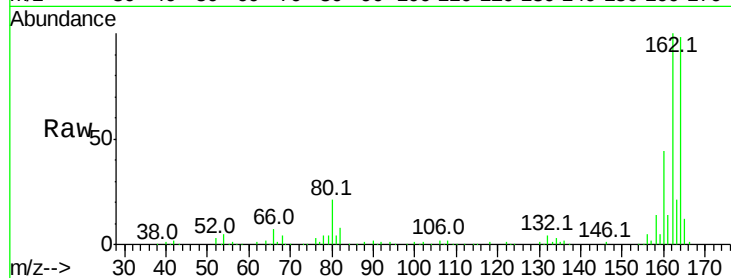
Tot Ion:164 Resp: 149261

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

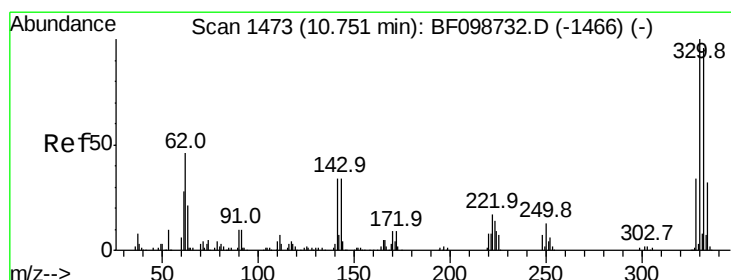
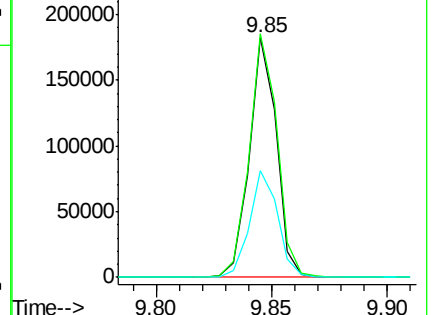
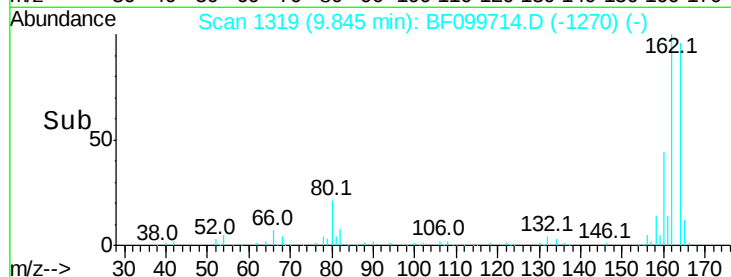
160 44.4 38.3 57.5



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: 90.565 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

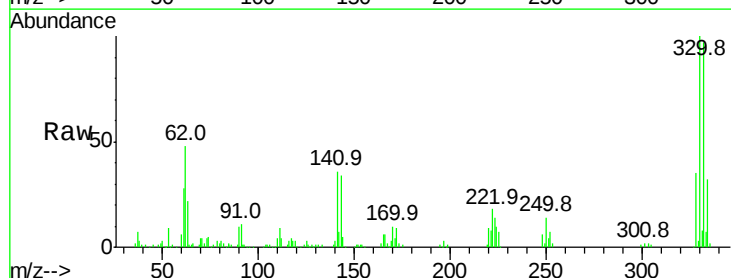
Tgt Ion:330 Resp: 110612

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

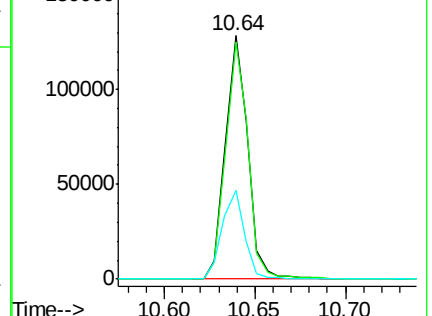
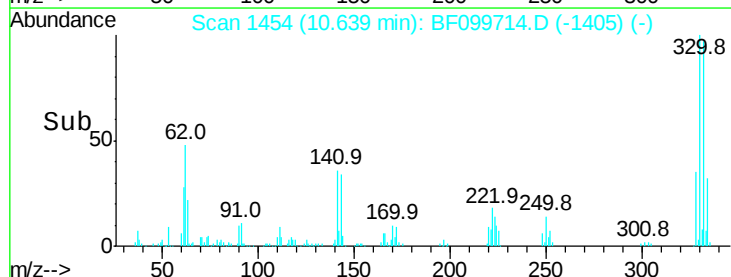
141 36.9 29.9 44.9



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

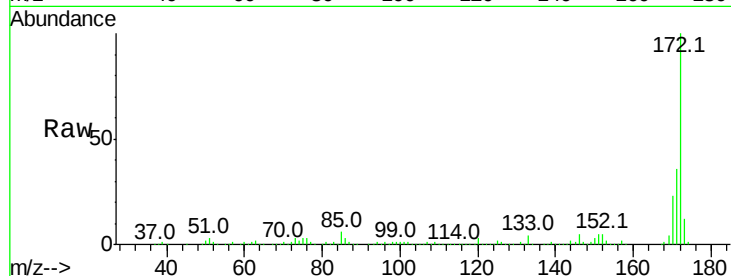




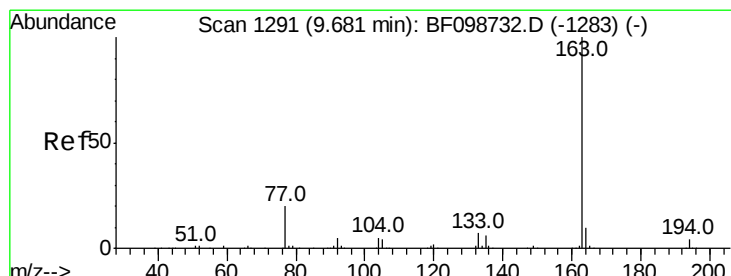
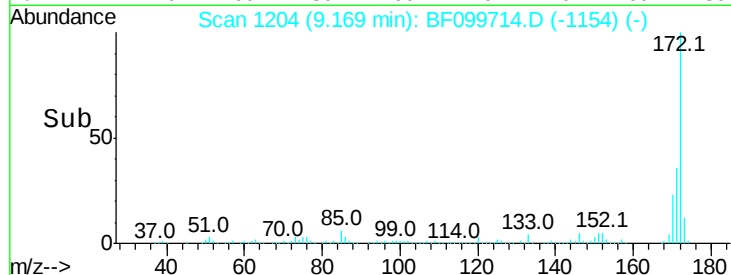
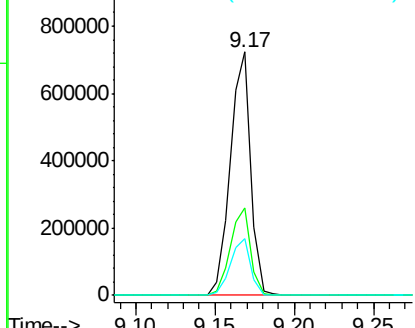
#44
2-Fluorobiphenyl
Concen: 72.042 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
20170719-C-COMP2

Tot Ion:172 Resp: 644119
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.2 19.6 29.4

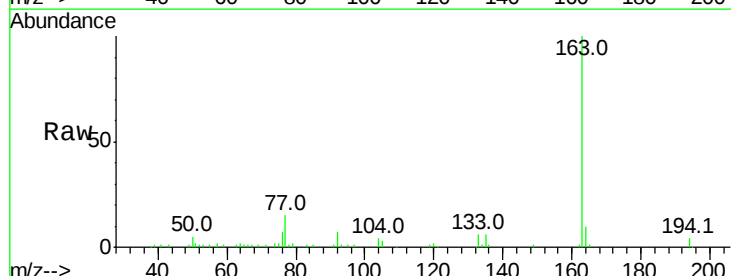


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

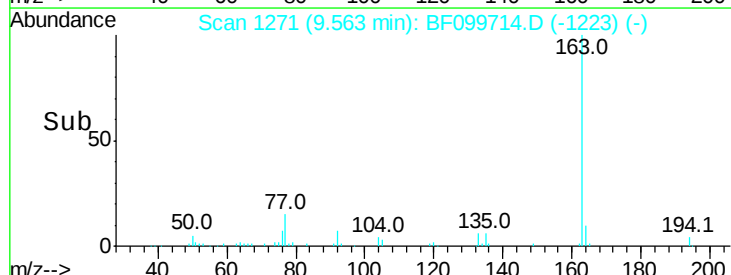
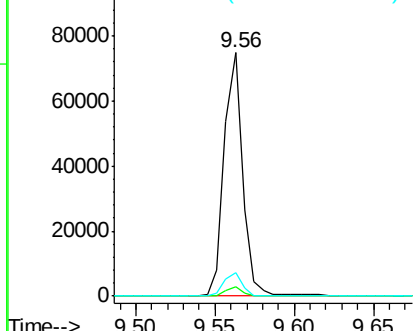


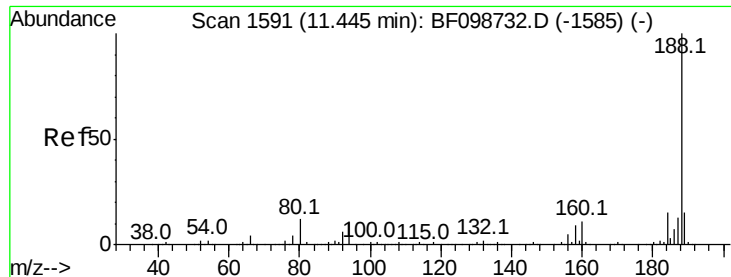
#49
Dimethylphthalate
Concen: 5.401 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Tgt Ion:163 Resp: 60844
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

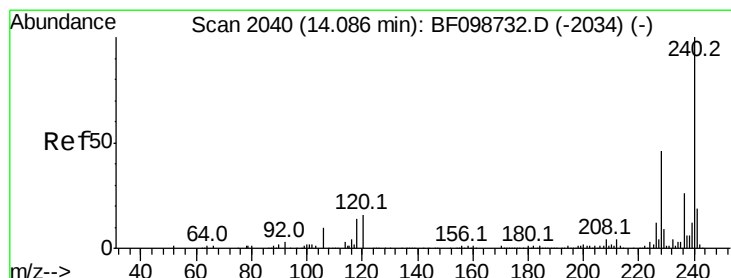
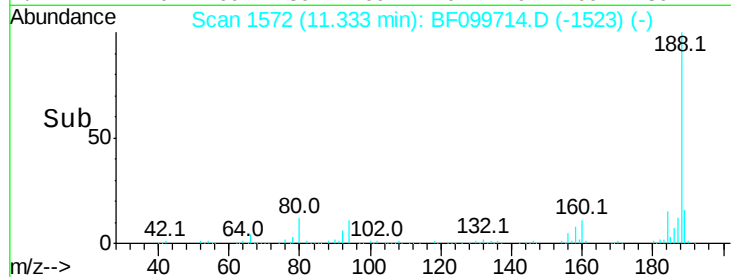
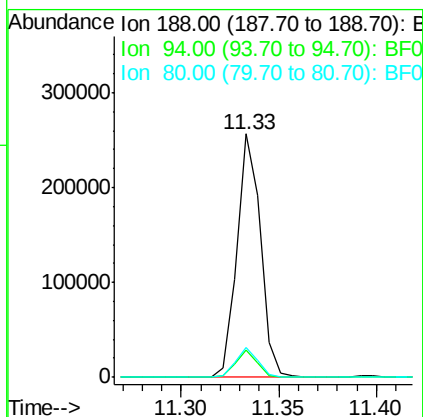
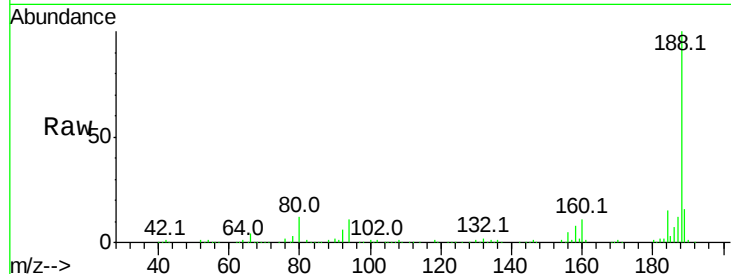




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

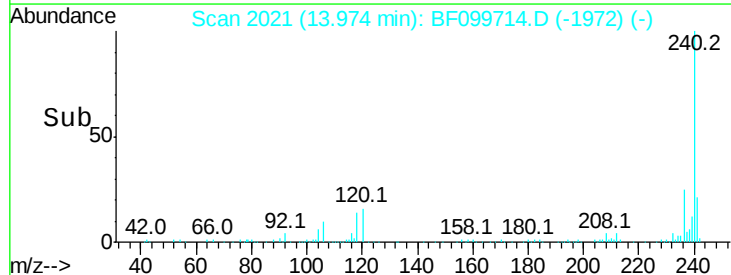
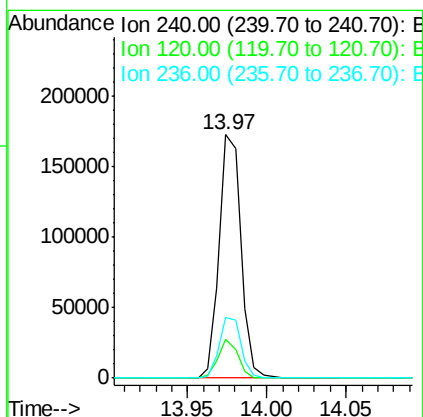
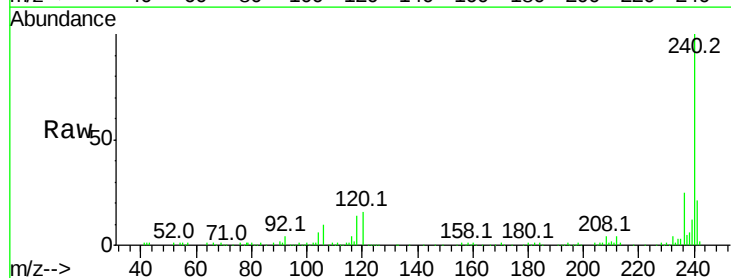
Instrument :
BNA_F
ClientSampleId :
20170719-C-COMP2

Tot Ion:188 Resp: 214204
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Tgt Ion:240 Resp: 165277
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 50.349 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

20170719-C-COMP2

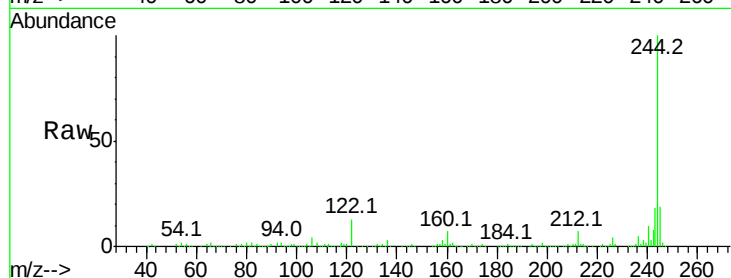
Tot Ion:244 Resp: 365913

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

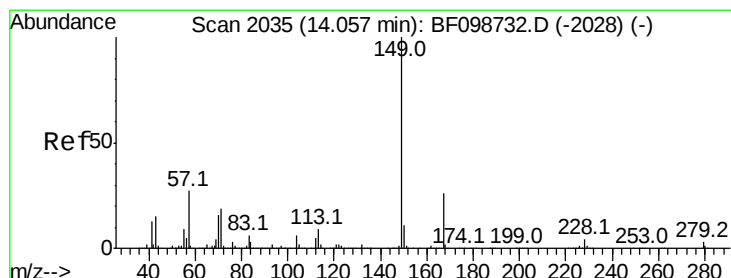
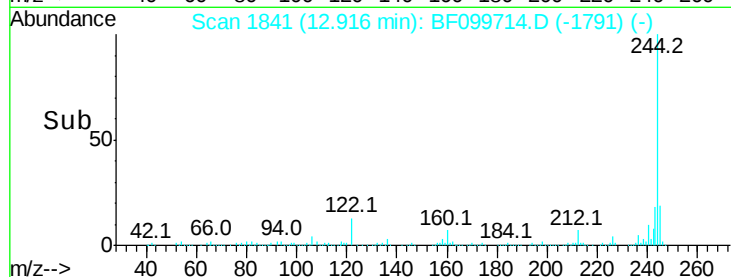
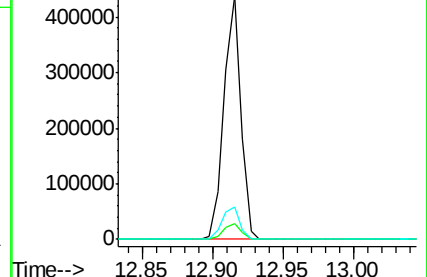
122 13.4 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.091 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

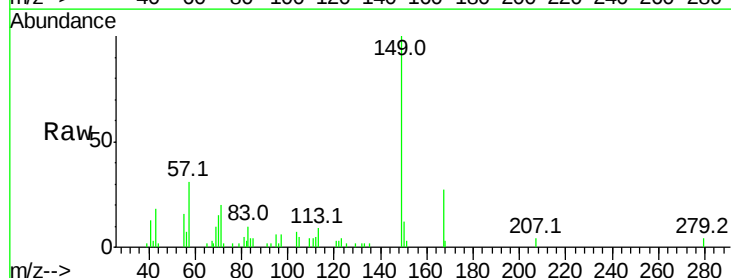
Tgt Ion:149 Resp: 17052

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

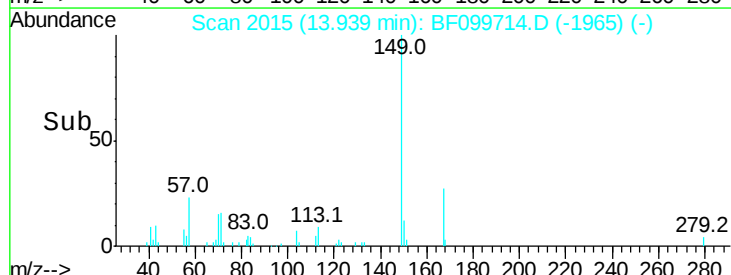
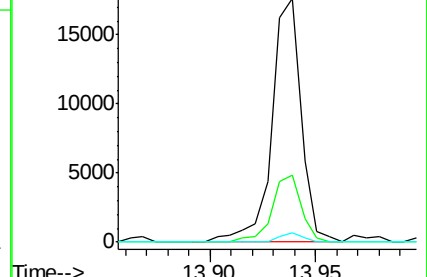
279 3.7 3.0 4.4

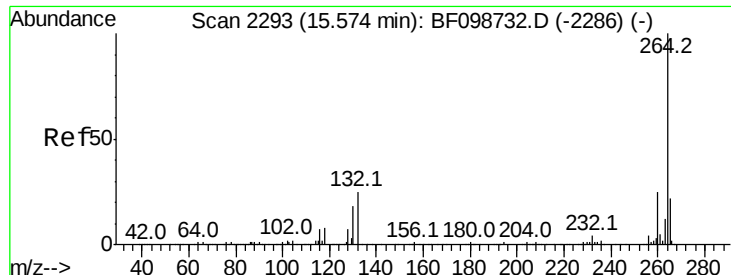


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

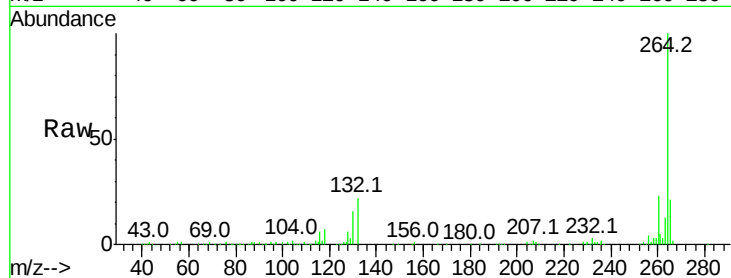




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
20170719-C-COMP2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3



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

