

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088110.D
 Acq On : 18 Jun 2016 00:12
 Operator : UM/SJ
 Sample : H3542-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Jun 18 01:15:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

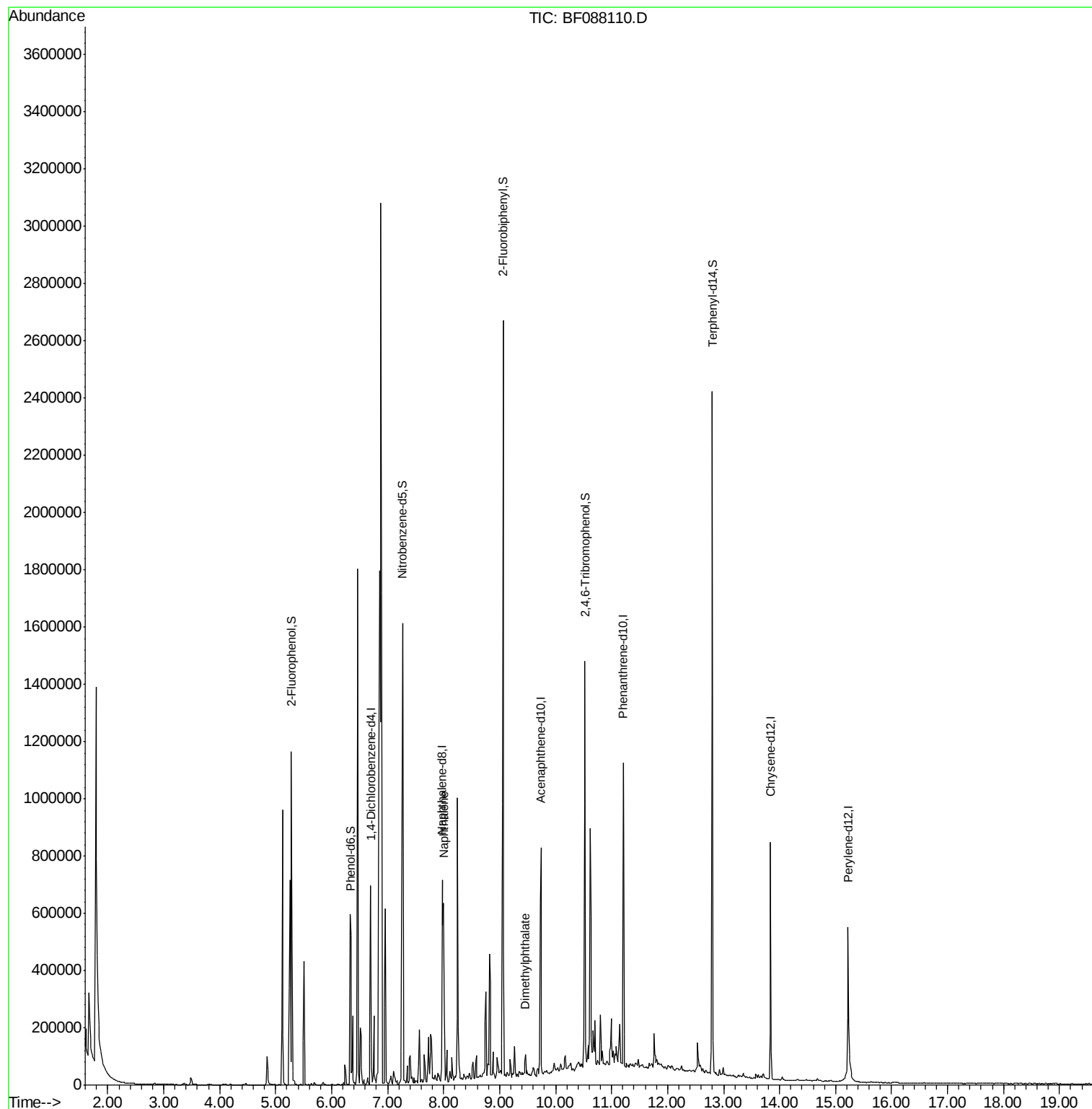
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110462	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	440592	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	206097	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	364235	20.00	ng	0.00
75) Chrysene-d12	13.84	240	266122	20.00	ng	-0.01
86) Perylene-d12	15.22	264	203957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	395830	61.26	ng	0.00
7) Phenol-d6	6.34	99	326886	41.74	ng	-0.01
23) Nitrobenzene-d5	7.27	82	606647	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	221118	101.61	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	960616	72.40	ng	-0.01
78) Terphenyl-d14	12.80	244	859089	73.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.00	128	315639	14.48	ng	99
49) Dimethylphthalate	9.46	163	35587	2.38	ng	99

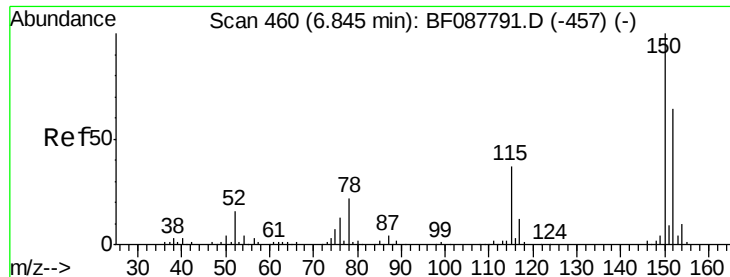
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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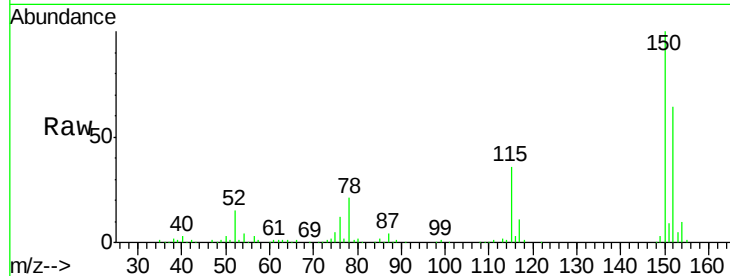


#1

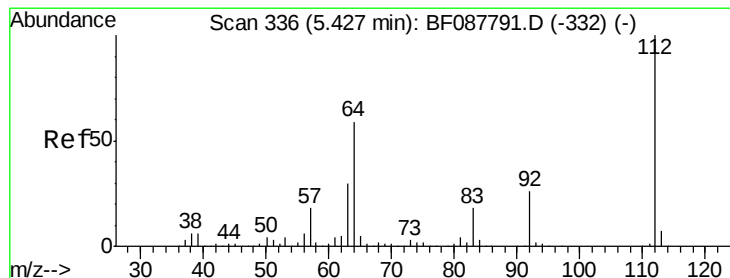
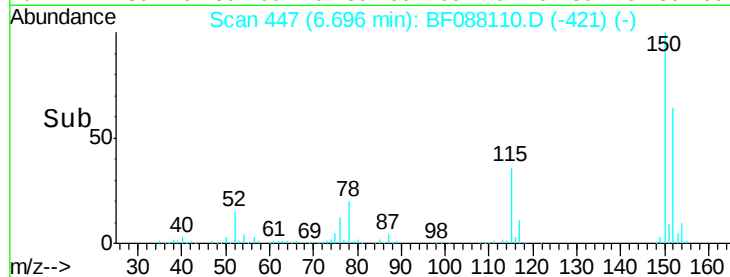
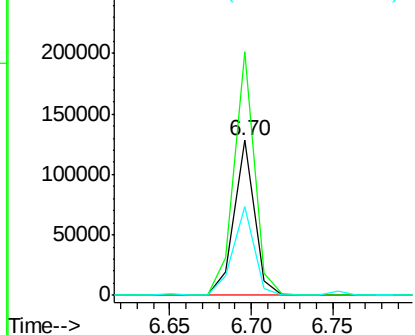
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Instrument :
BNA_F
ClientSampled :
MW-09

Tot Ion:152 Resp: 110462
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 57.1 39.6 59.4



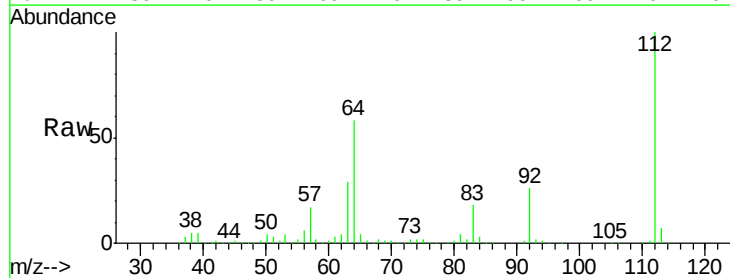
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



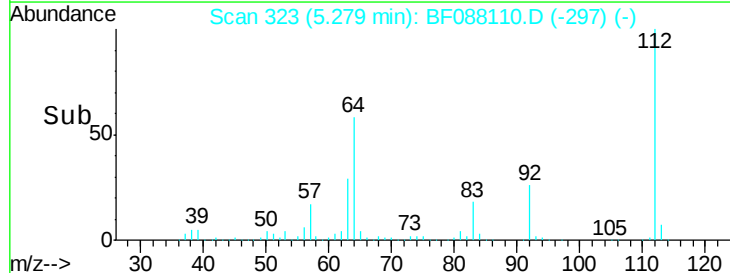
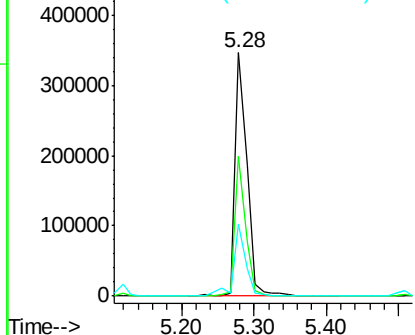
#5

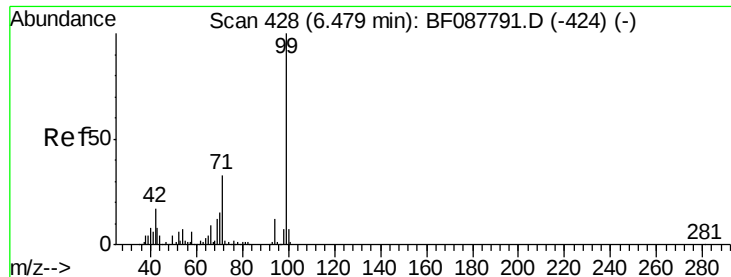
2-Fluorophenol
Concen: 61.26 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Tgt Ion:112 Resp: 395830
Ion Ratio Lower Upper
112 100
64 57.6 42.2 63.2
63 29.4 21.8 32.8



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: 41.74 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088110.D

Acq: 18 Jun 2016 00:12

Instrument :

BNA_F

ClientSampleId :

MW-09

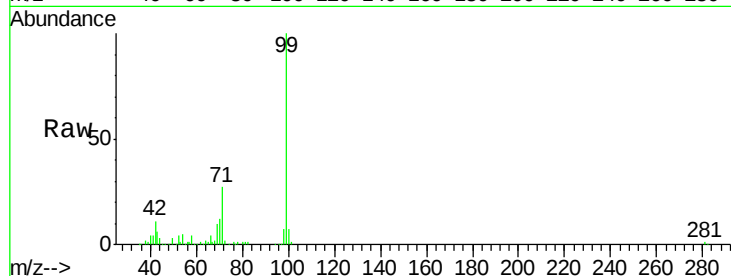
Tot Ion: 99 Resp: 326886

Ion Ratio Lower Upper

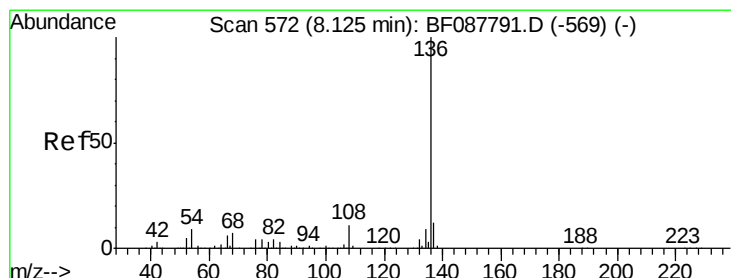
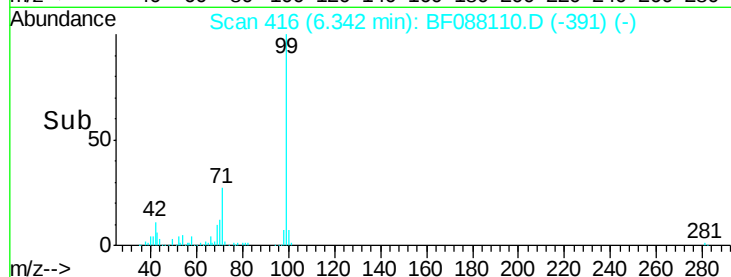
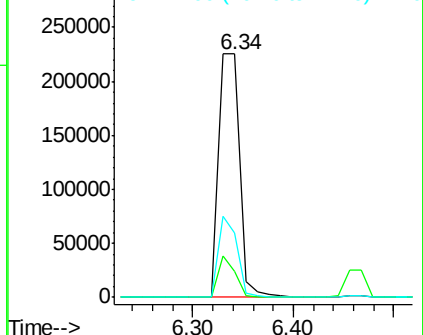
99 100

42 10.9 12.2 18.2#

71 26.6 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088110.D

Acq: 18 Jun 2016 00:12

Tgt Ion: 136 Resp: 440592

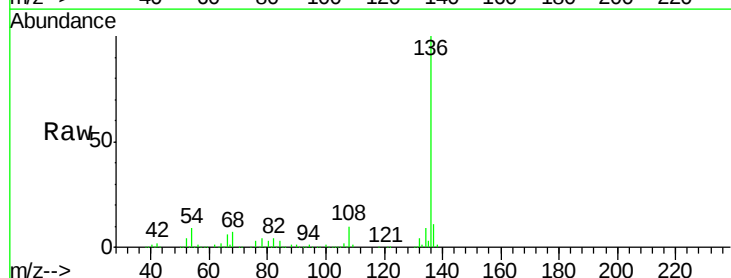
Ion Ratio Lower Upper

136 100

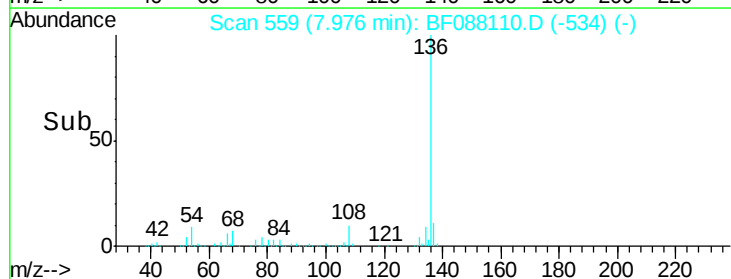
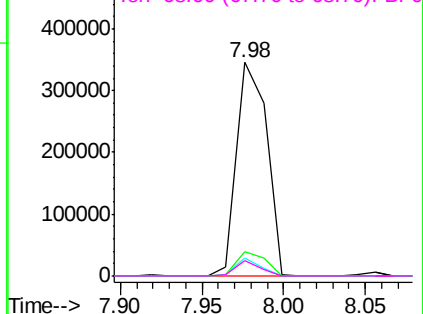
137 11.2 9.1 13.7

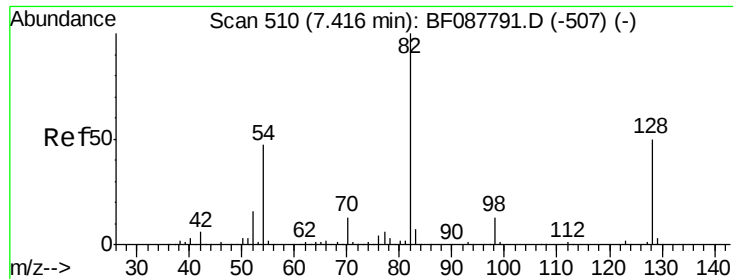
54 8.5 6.6 10.0

68 7.0 5.1 7.7



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

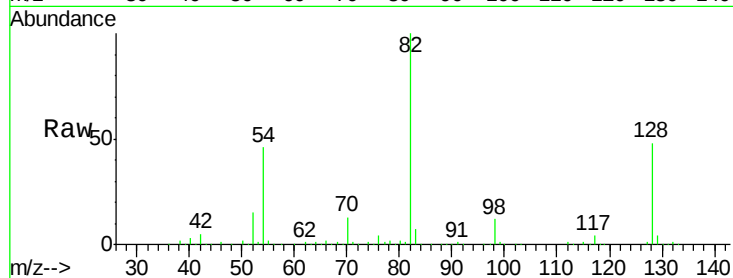




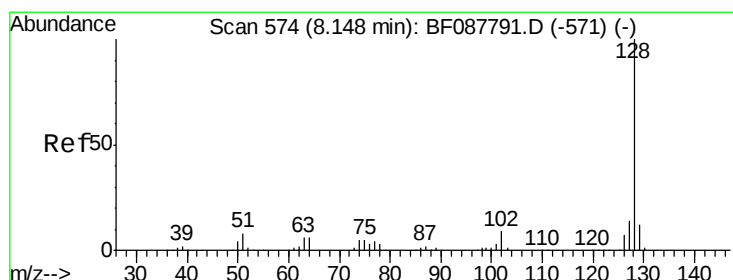
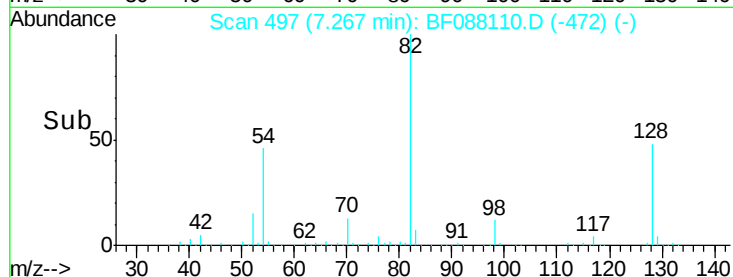
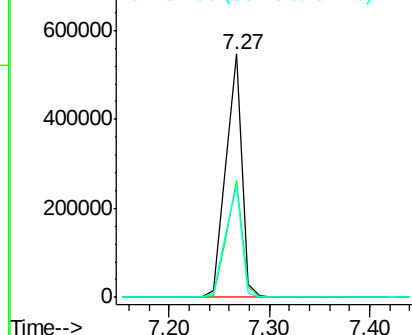
#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion	82	Resp	606647
Ion Ratio	100	Lower	Upper
128	48.0	35.9	53.9
54	46.1	40.9	61.3

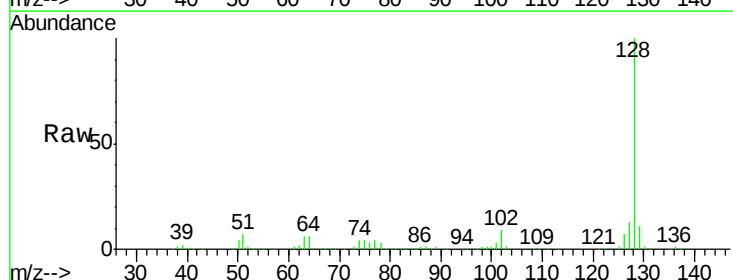


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

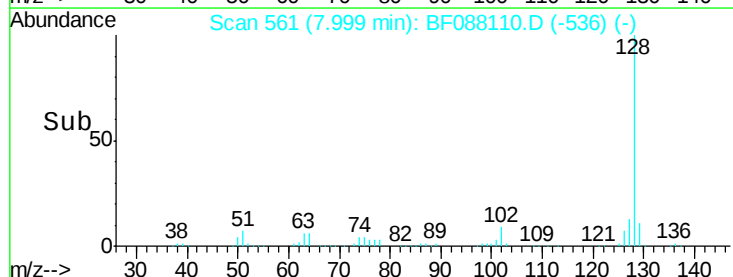
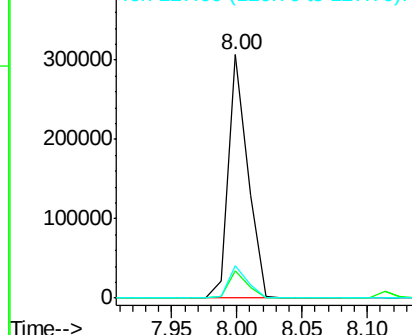


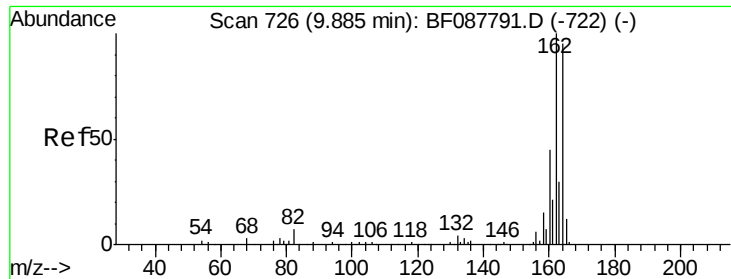
#31
Naphthalene
Concen: 14.48 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Tgt Ion	128	Resp	315639
Ion Ratio	100	Lower	Upper
129	11.2	9.4	14.2
127	13.3	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

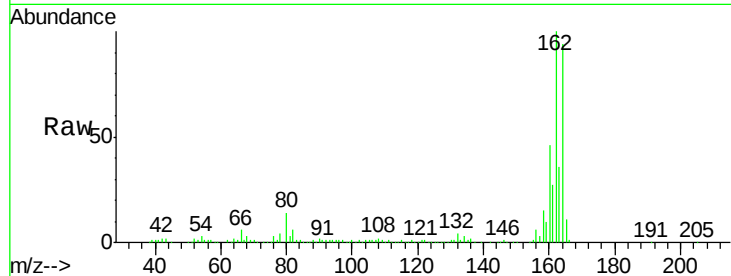




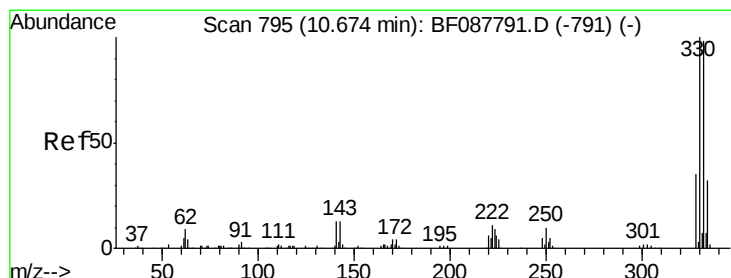
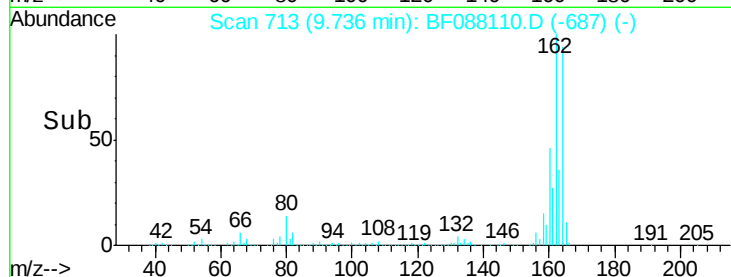
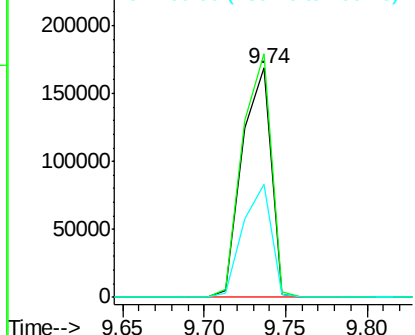
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:164 Resp: 206097
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 49.3 39.5 59.3

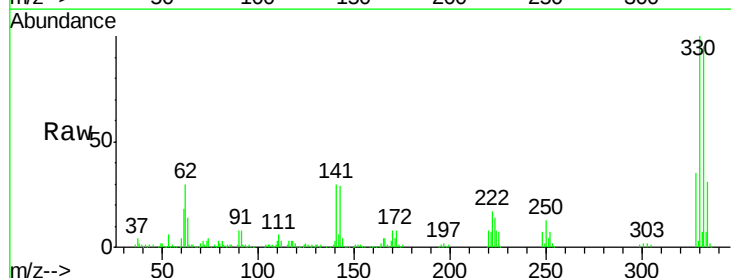


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

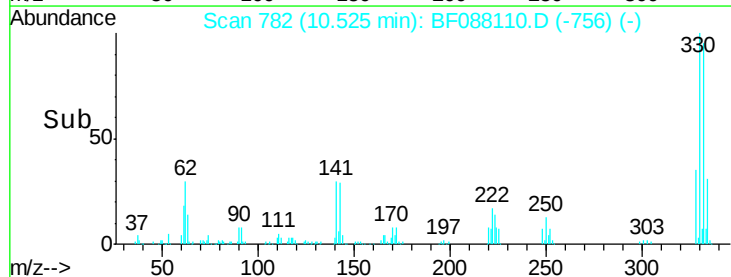
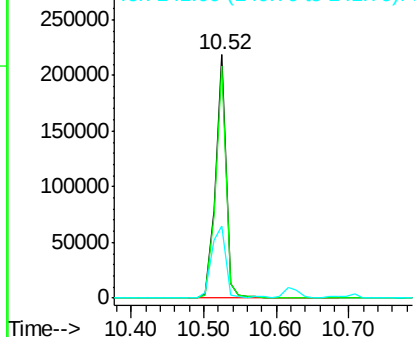


#41
2,4,6-Tribromophenol
Concen: 101.61 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Tgt Ion:330 Resp: 221118
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 38.8 0.0 0.0#



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

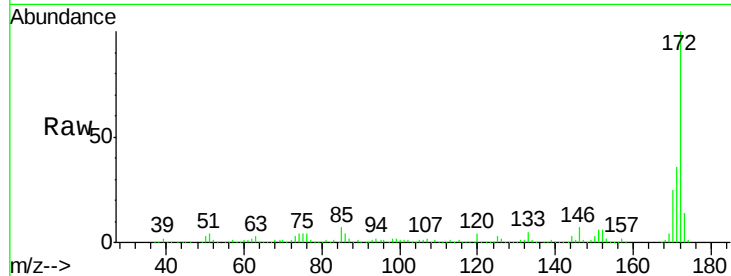




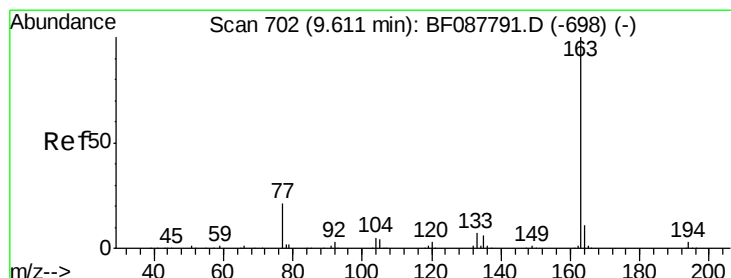
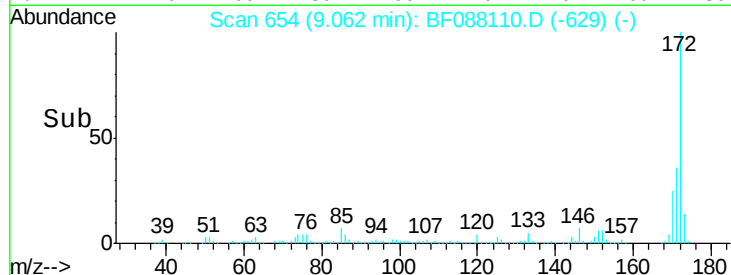
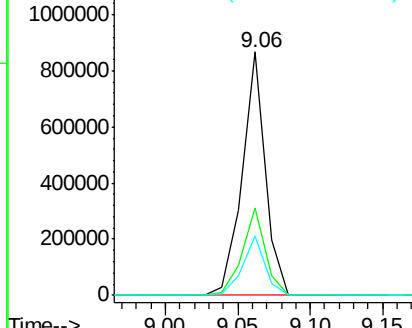
#44
2-Fluorobiphenyl
Concen: 72.40 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:172 Resp: 960616
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 19.2 28.8

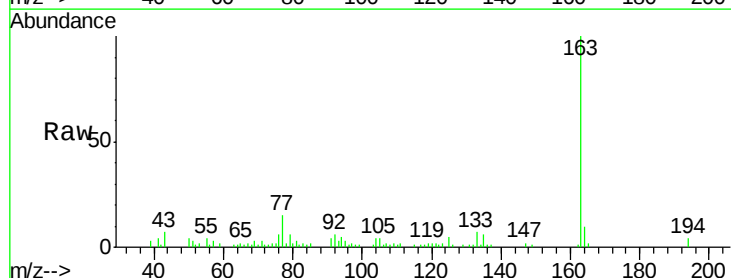


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

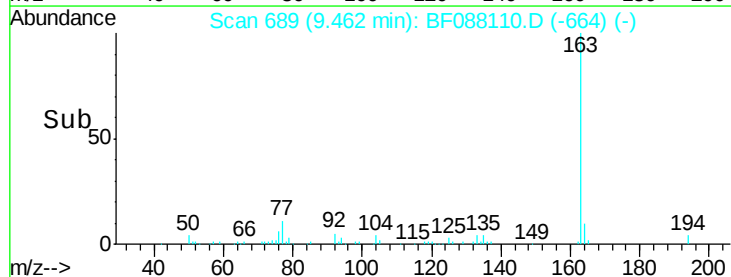
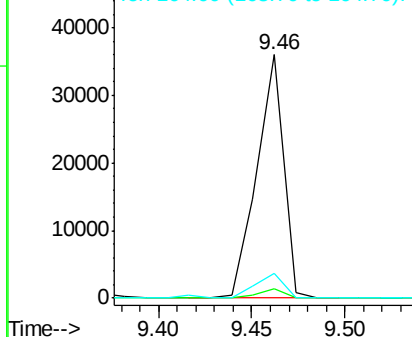


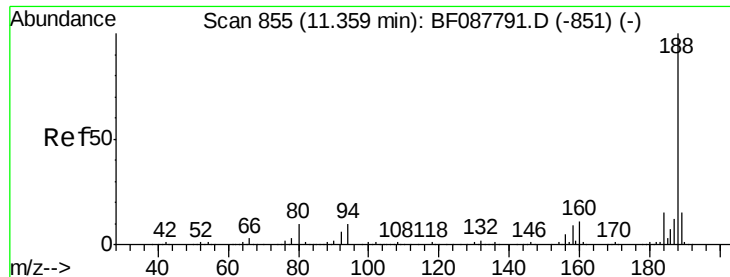
#49
Dimethylphthalate
Concen: 2.38 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Tgt Ion:163 Resp: 35587
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 10.0 8.3 12.5



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

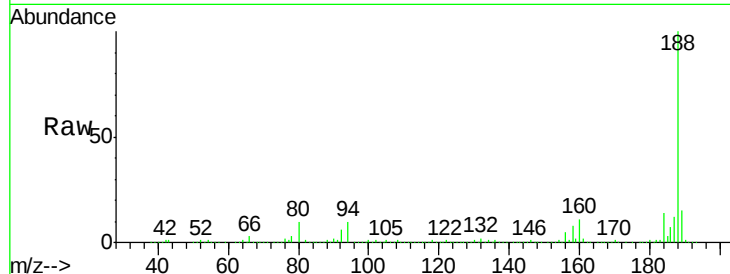




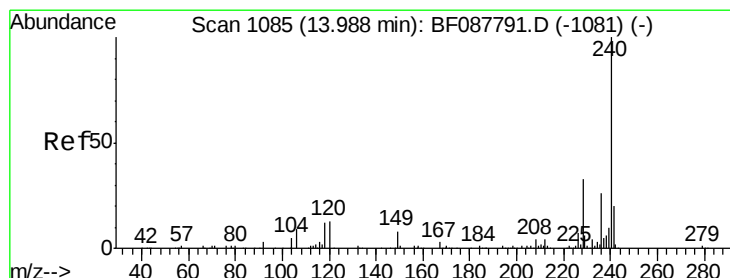
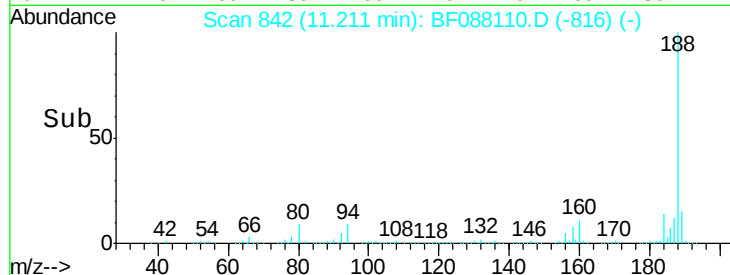
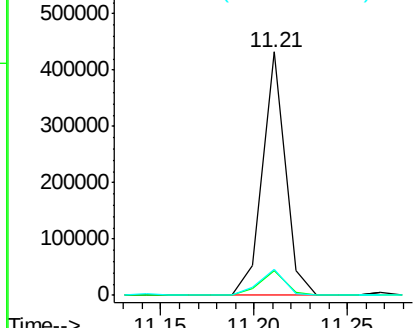
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:188 Resp: 364235
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.6
80 10.4 10.0 15.0

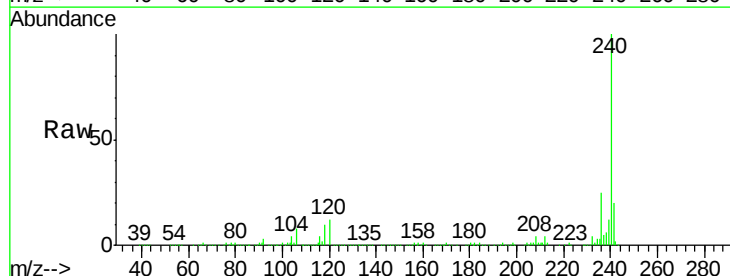


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

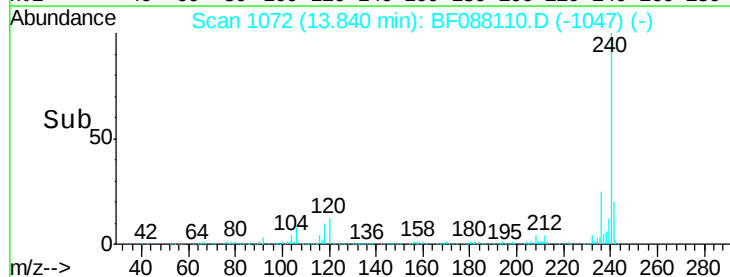
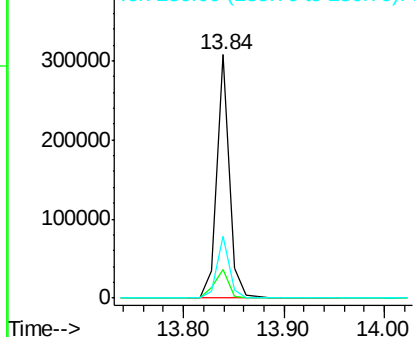


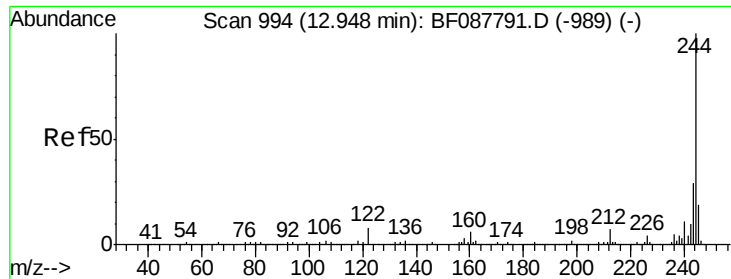
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088110.D
Acq: 18 Jun 2016 00:12

Tgt Ion:240 Resp: 266122
Ion Ratio Lower Upper
240 100
120 11.7 6.8 10.2#
236 25.5 20.2 30.2



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

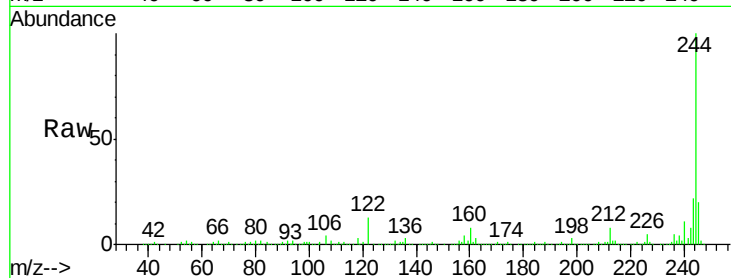




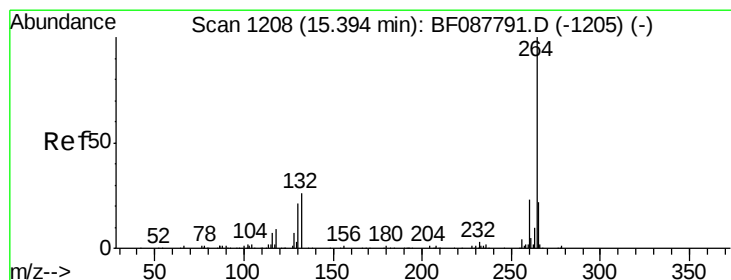
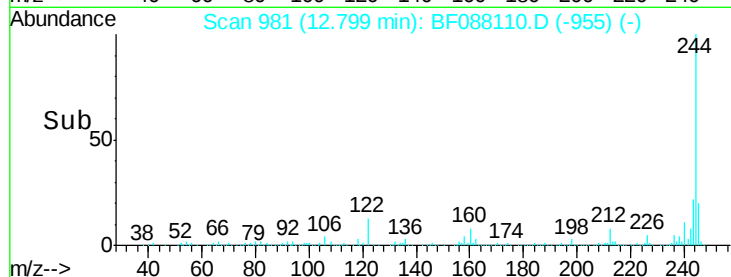
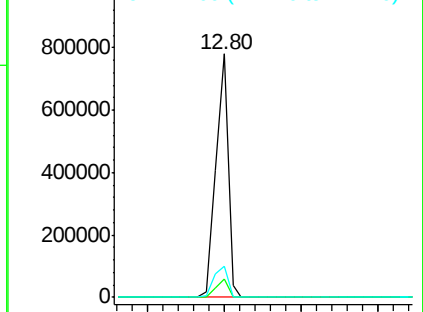
#78
 Terphenyl-d14
 Concen: 73.46 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088110.D
 Acq: 18 Jun 2016 00:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion:244 Resp: 859089
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.7 11.2 16.8

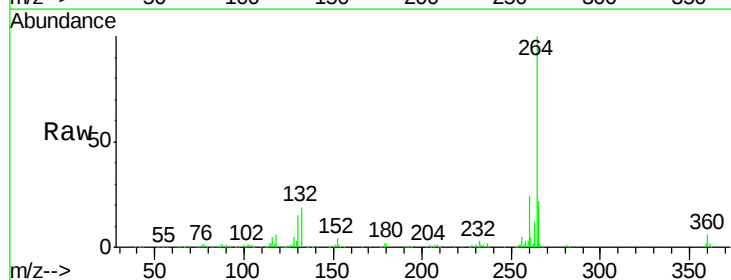


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088110.D
 Acq: 18 Jun 2016 00:12

Tgt Ion:264 Resp: 203957
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 16.9 25.3



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

