

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098925.D
 Acq On : 28 Sep 2017 23:52
 Operator : SJ/JU
 Sample : I5472-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2-3-4-COMP

Quant Time: Sep 29 02:38:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

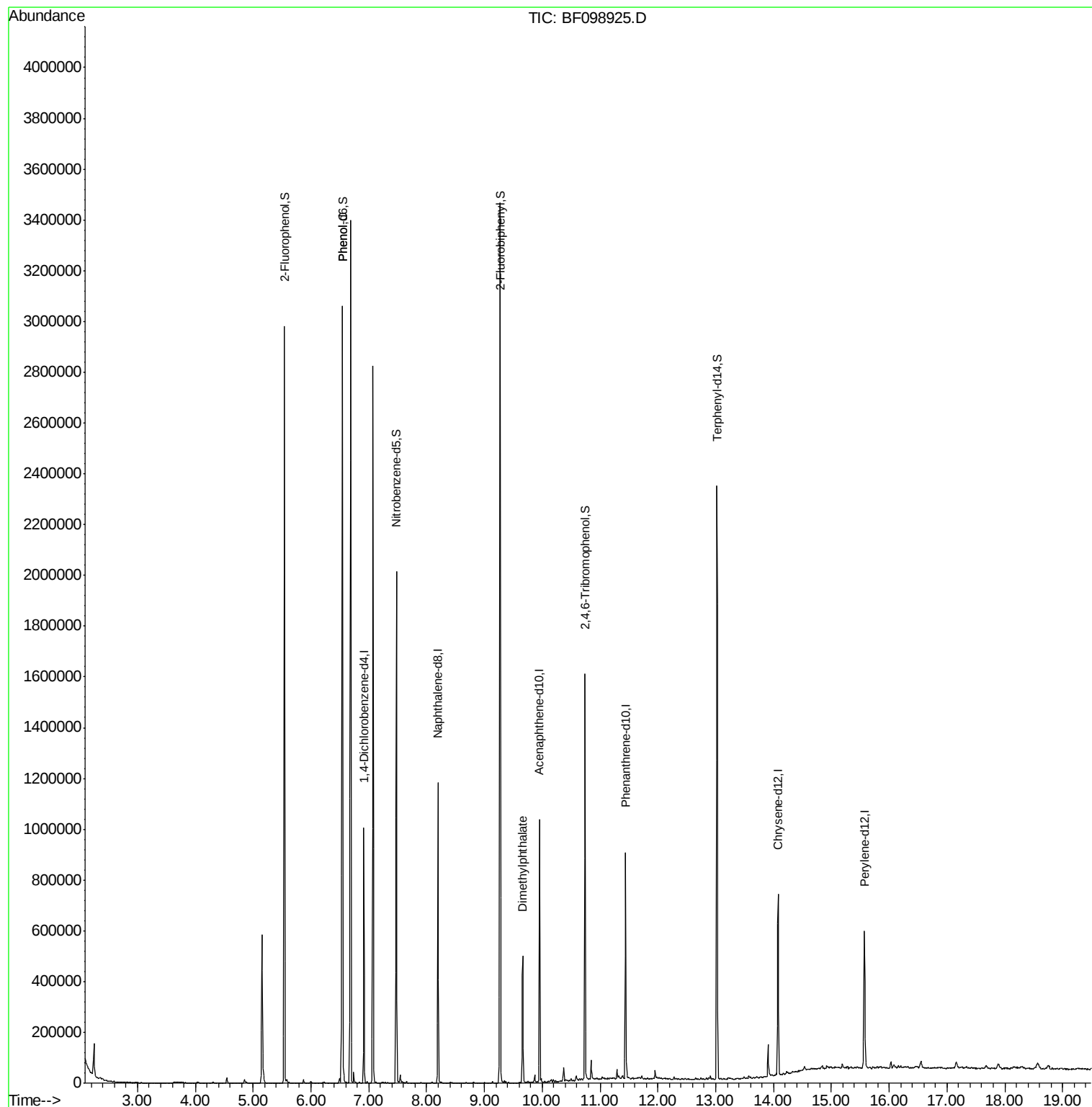
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131835	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	507114	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	195045	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	272860	20.00	ng	0.00
75) Chrysene-d12	14.08	240	224265	20.00	ng	0.00
86) Perylene-d12	15.57	264	225059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	994616	120.10	ng	0.00
7) Phenol-d6	6.55	99	1167835	114.31	ng	0.00
23) Nitrobenzene-d5	7.48	82	701408	88.70	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	162436	101.78	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1112893	95.25	ng	0.00
78) Terphenyl-d14	13.02	244	704634	71.45	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	34756	3.042	ng	78
49) Dimethylphthalate	9.66	163	192743	13.093	ng	99

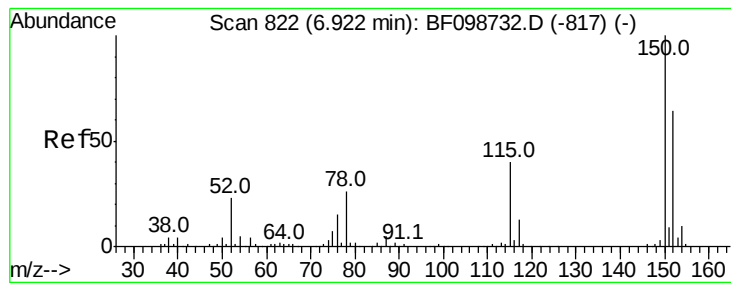
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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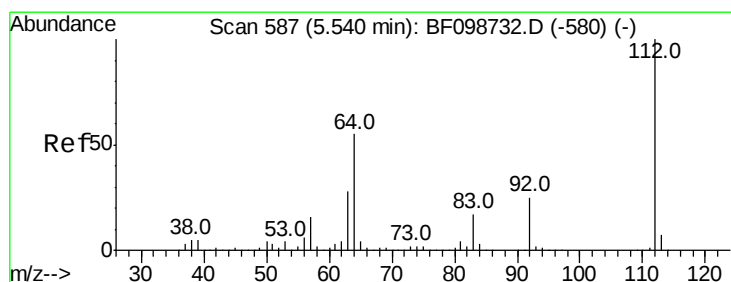
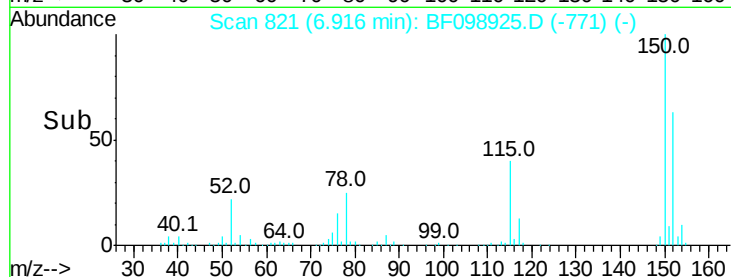
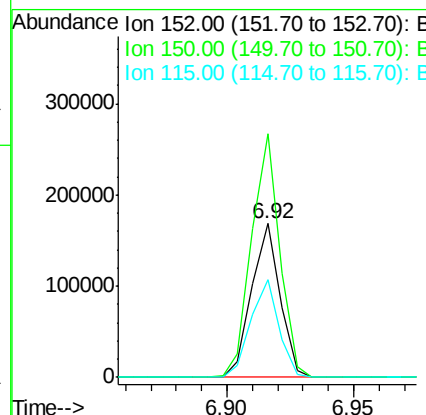
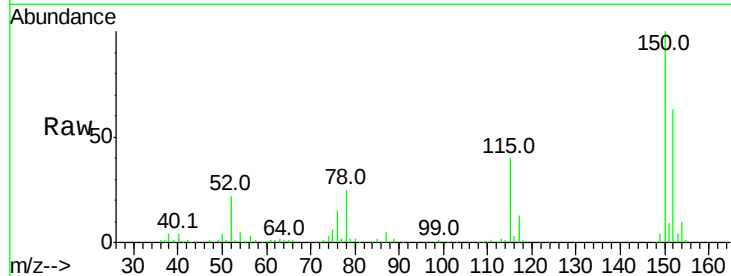


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

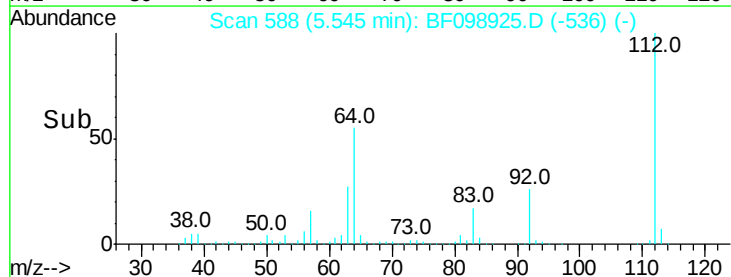
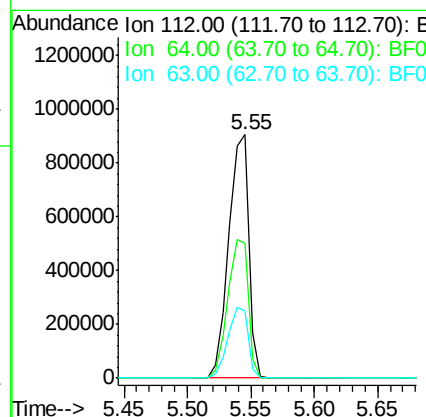
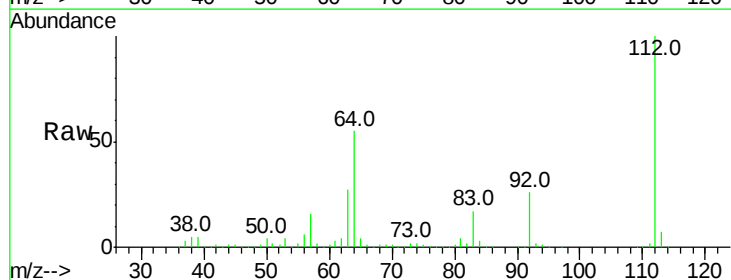
Tot Ion:152 Resp: 131835
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 63.1 50.1 75.1

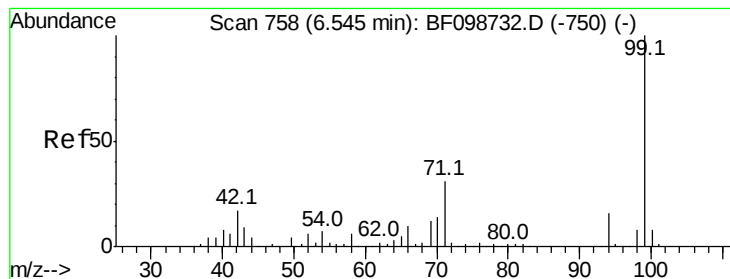


#5

2-Fluorophenol
Concen: 120.099 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:112 Resp: 994616
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 114.311 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

Instrument :

BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

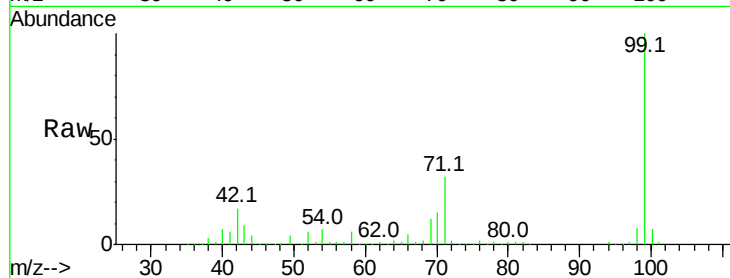
Tot Ion: 99 Resp: 1167835

Ion Ratio Lower Upper

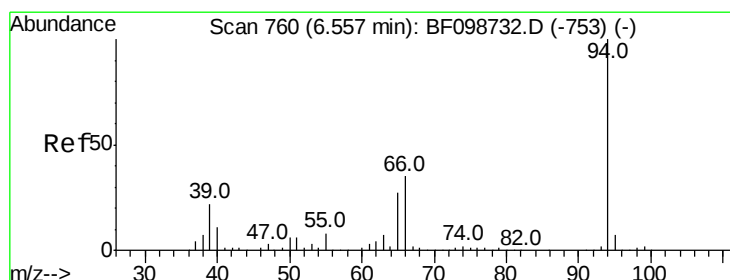
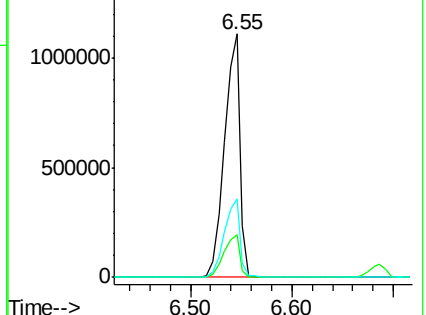
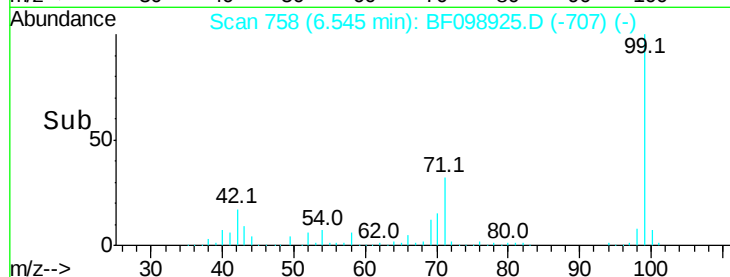
99 100

42 17.4 14.5 21.7

71 32.3 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: 3.042 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

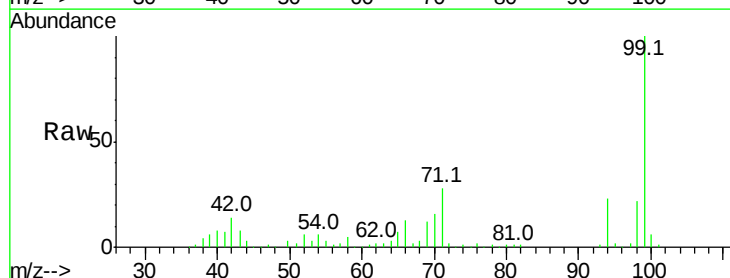
Tgt Ion: 94 Resp: 34756

Ion Ratio Lower Upper

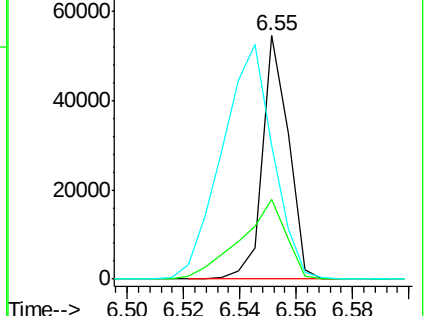
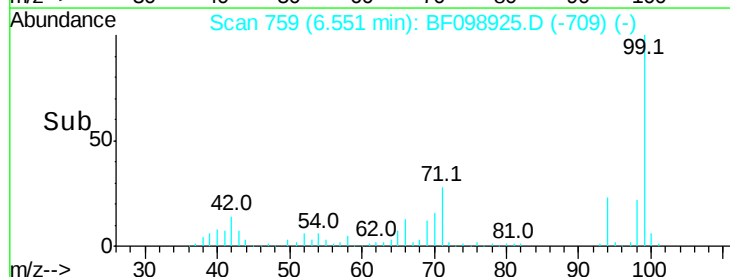
94 100

65 32.6 7.9 47.9

66 54.7 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

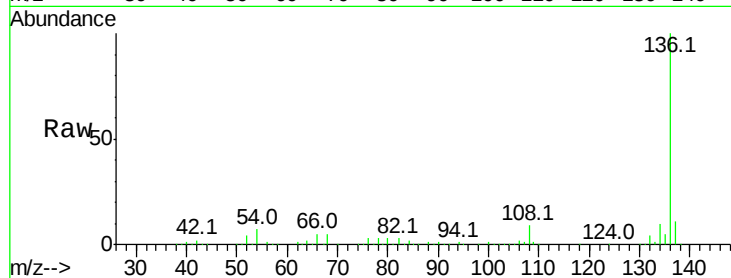




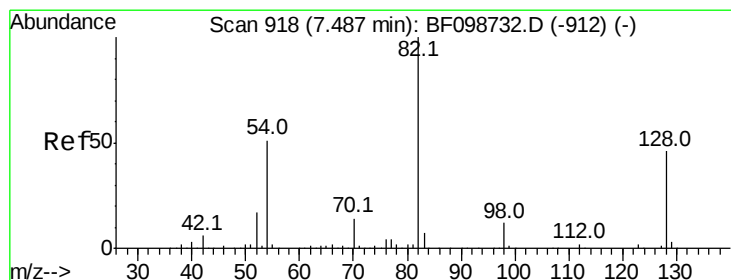
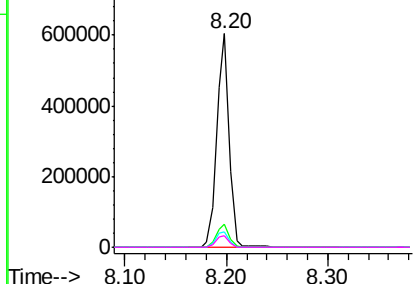
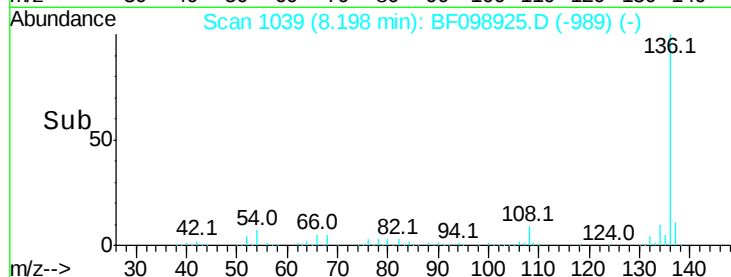
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:	136	Resp:	507114
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.3	5.0	7.4

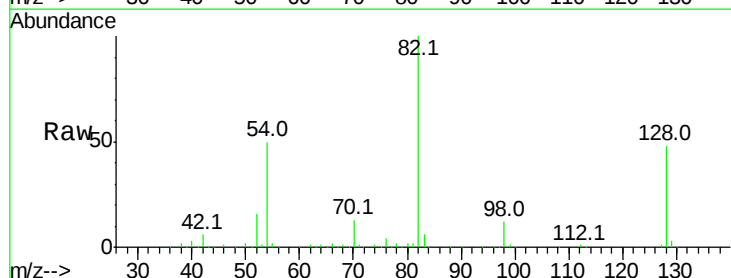


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

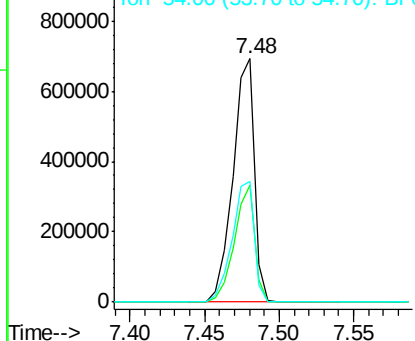
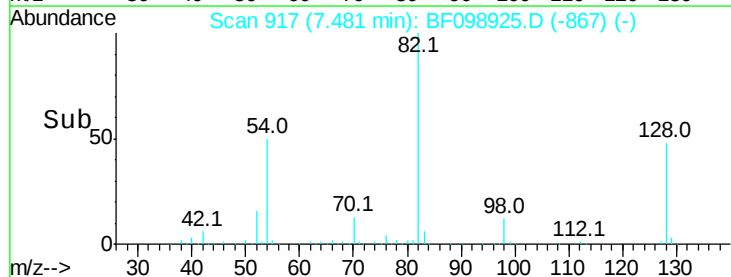


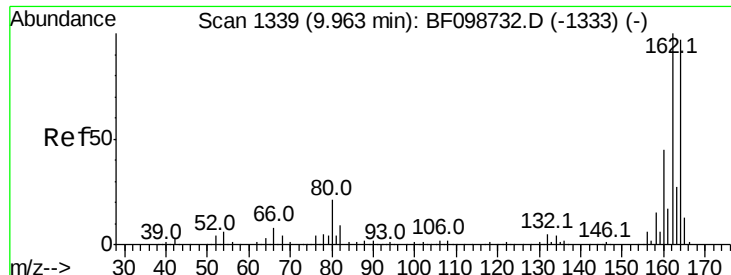
#23
Nitrobenzene-d5
Concen: 88.701 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:	82	Resp:	701408
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	49.8	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

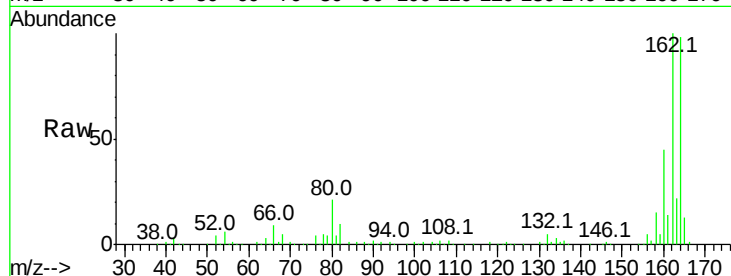




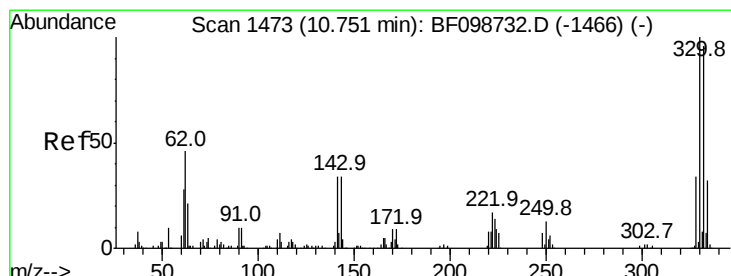
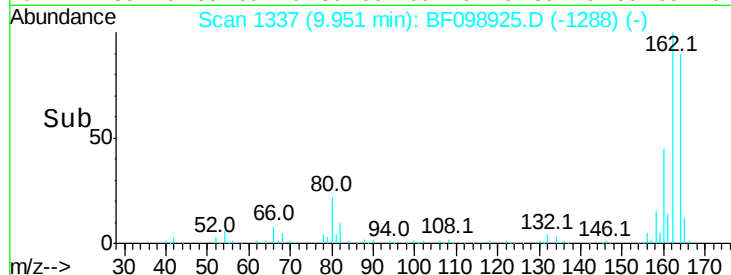
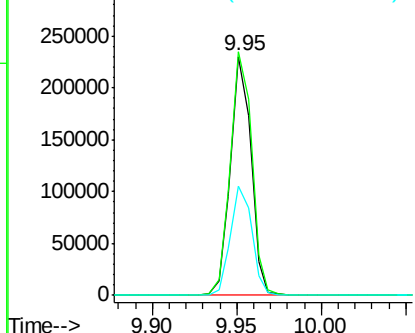
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:164 Resp: 195045
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 45.8 38.3 57.5

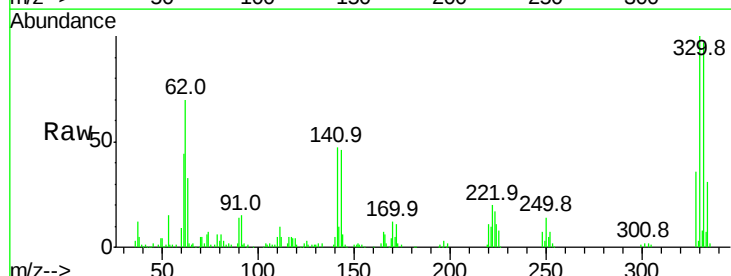


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

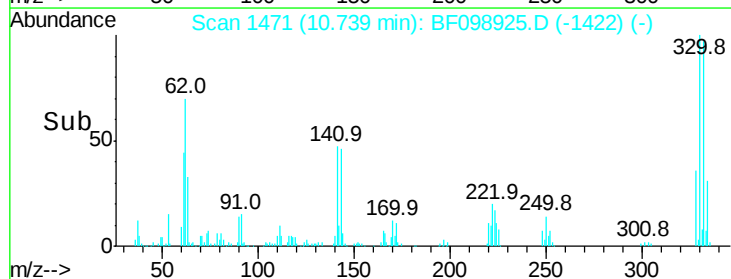
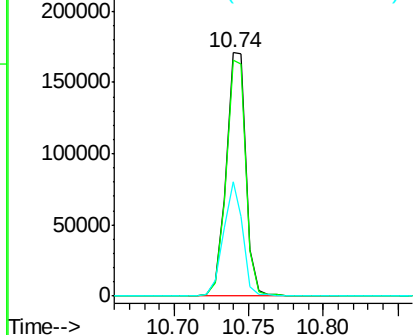


#41
2,4,6-Tribromophenol
Concen: 101.777 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:330 Resp: 162436
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 44.8 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

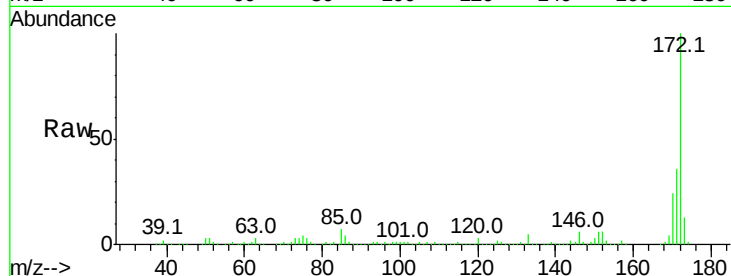




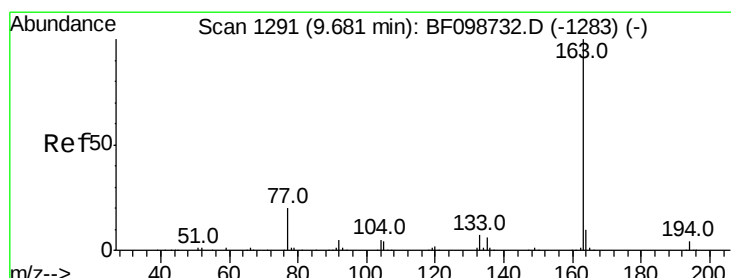
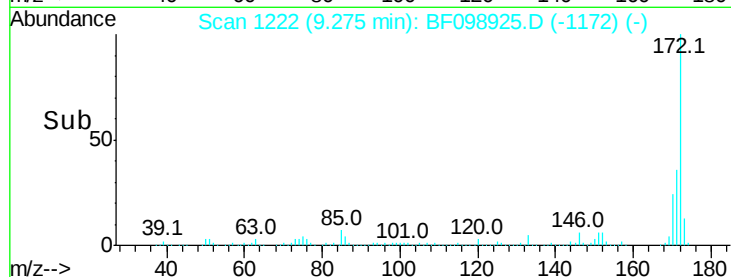
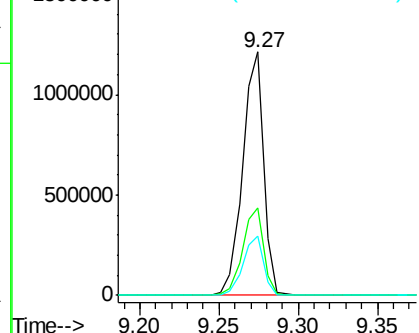
#44
2-Fluorobiphenyl
Concen: 95.254 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:172 Resp: 1112893
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.4 19.6 29.4

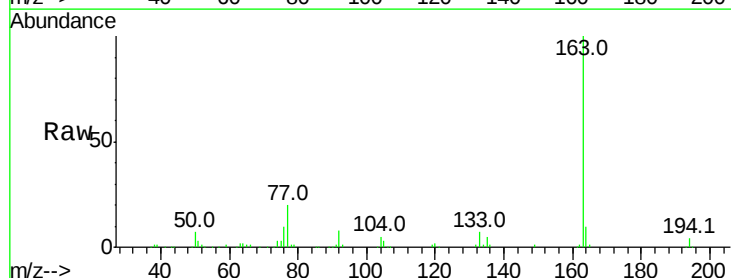


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

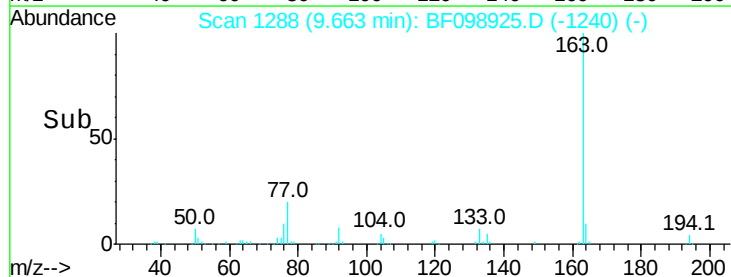
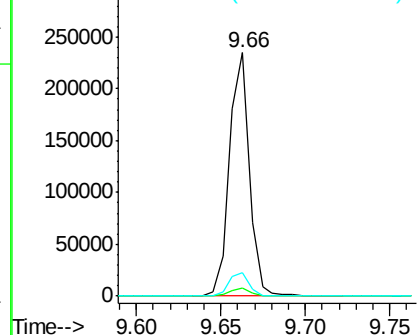


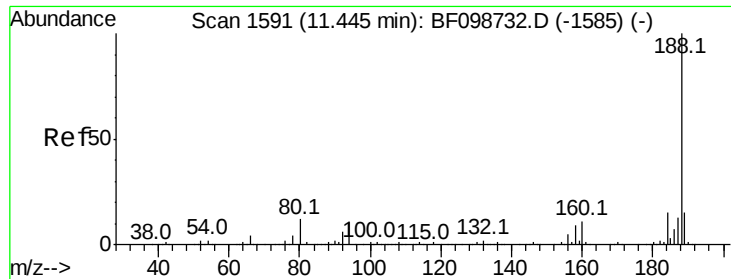
#49
Dimethylphthalate
Concen: 13.093 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:163 Resp: 192743
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 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

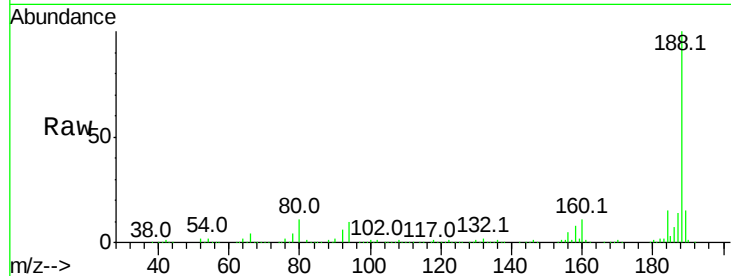




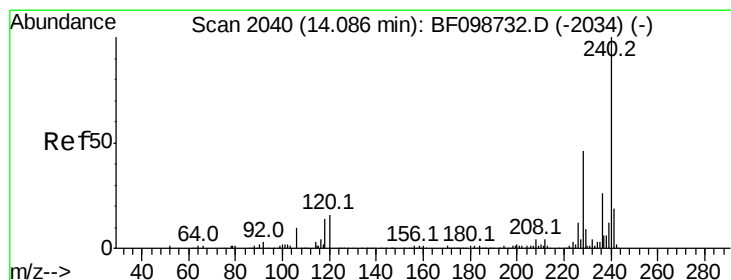
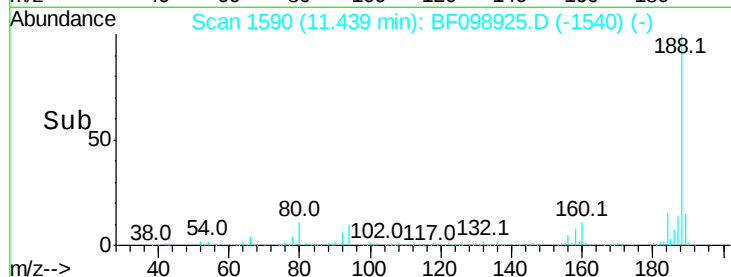
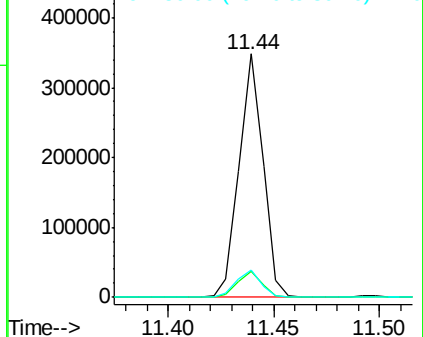
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:188 Resp: 272860
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8

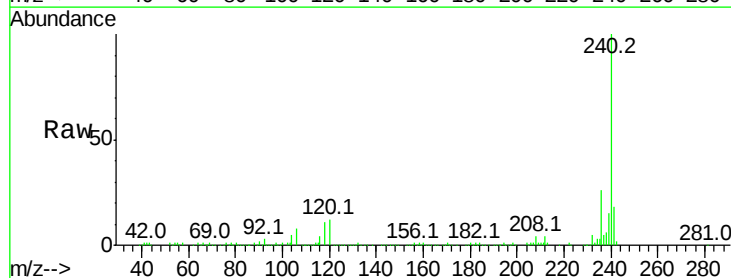


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

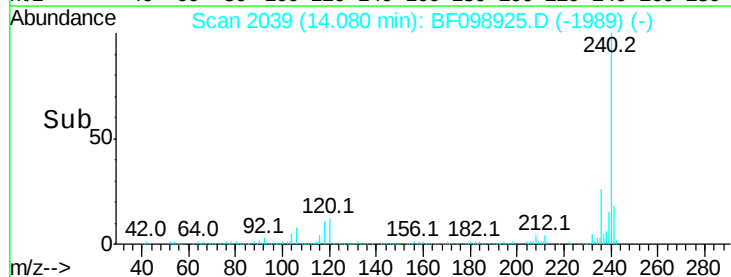
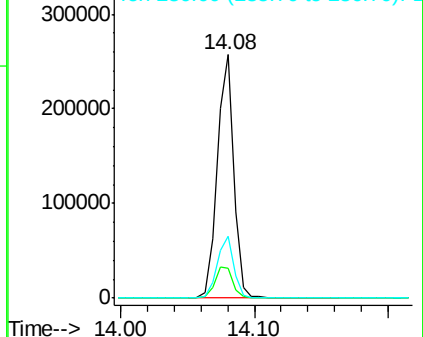


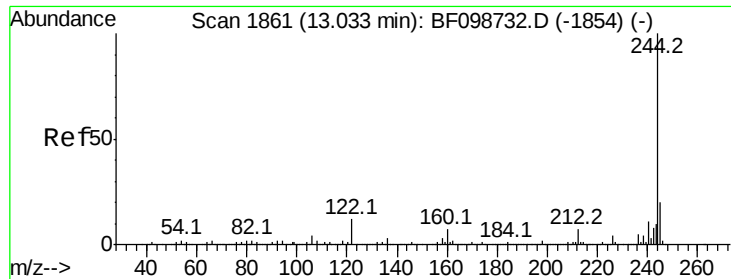
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:240 Resp: 224265
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 20.7 31.1



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: 71.455 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

Instrument :

BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

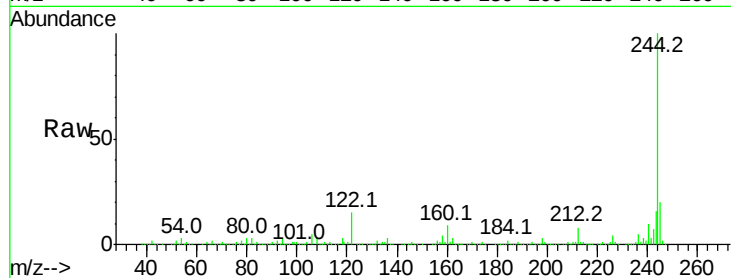
Tot Ion:244 Resp: 704634

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

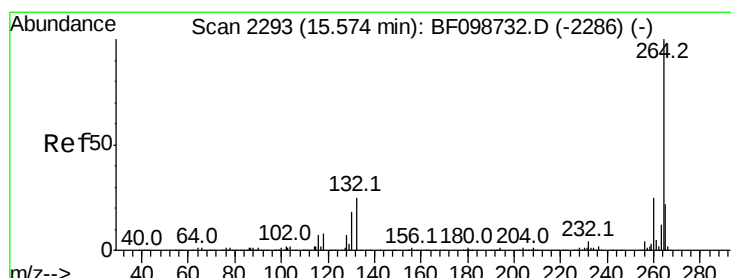
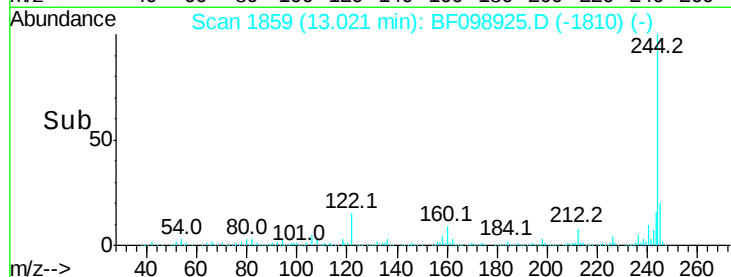
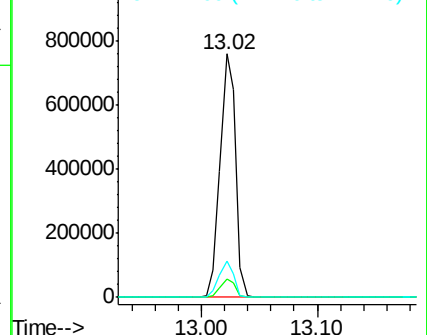
122 15.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

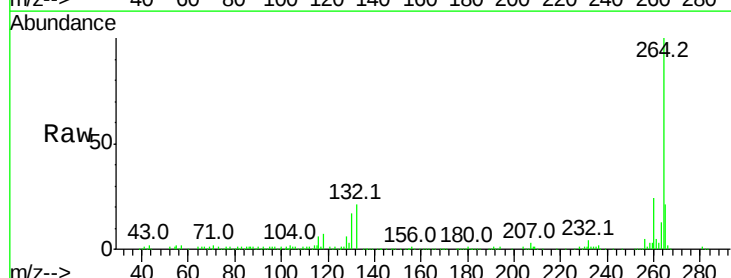
Tgt Ion:264 Resp: 225059

Ion Ratio Lower Upper

264 100

260 24.0 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

