

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110105.D
 Acq On : 24 Oct 2018 10:46
 Operator : JU/SJ
 Sample : J5622-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-VB-16195

Quant Time: Oct 25 02:37:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

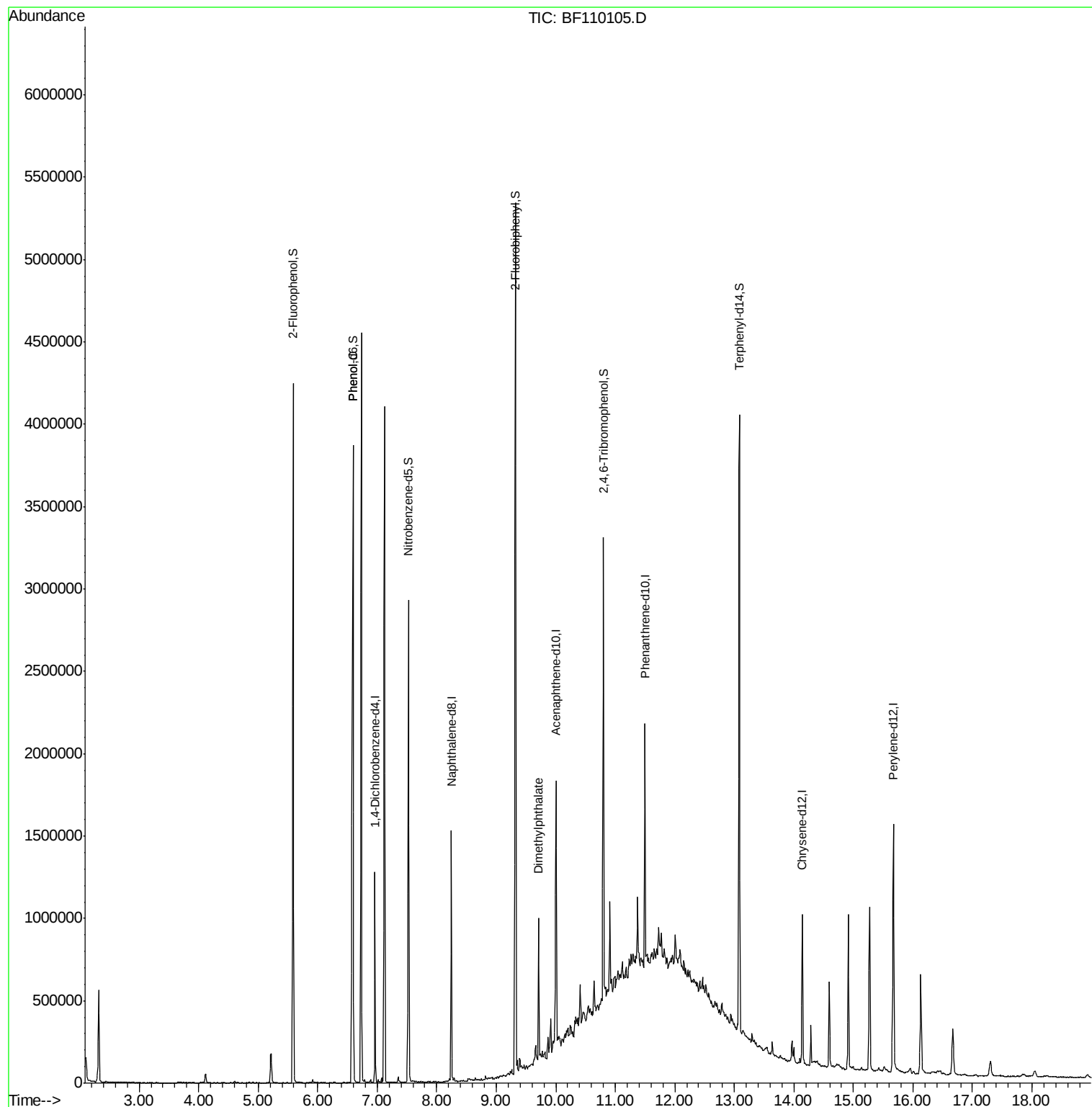
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167229	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	649444	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	294677	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	491007	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	315231	20.00	ng	-0.02
87) Perylene-d12	15.67	264	332033	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1269412	123.61	ng	0.00
7) Phenol-d6	6.59	99	1603840	122.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	995516	90.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	347685	119.11	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1687694	89.93	ng	-0.02
79) Terphenyl-d14	13.09	244	1287918	84.97	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	230747	16.434	ng	Qvalue # 67
50) Dimethylphthalate	9.71	163	253154	11.638	ng	99

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

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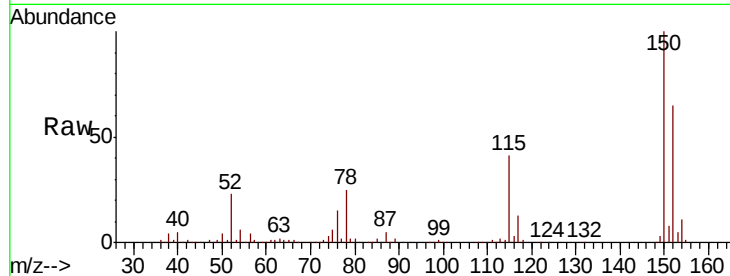




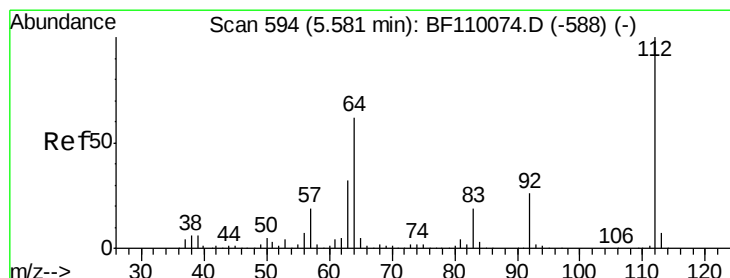
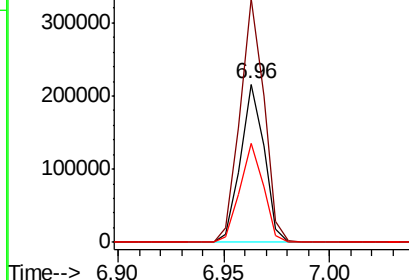
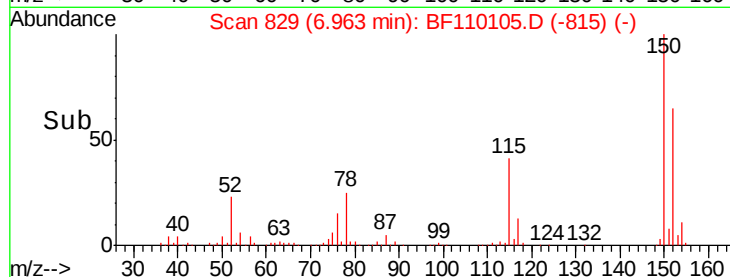
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110105.D
 Acq: 24 Oct 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 KG-VB-16195

Tot Ion:152 Resp: 167229
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.7 184.1
 115 62.6 49.1 73.7

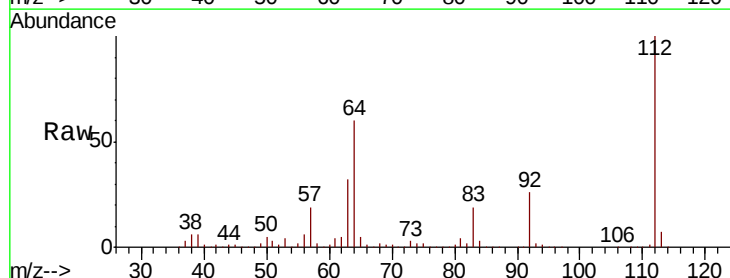


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

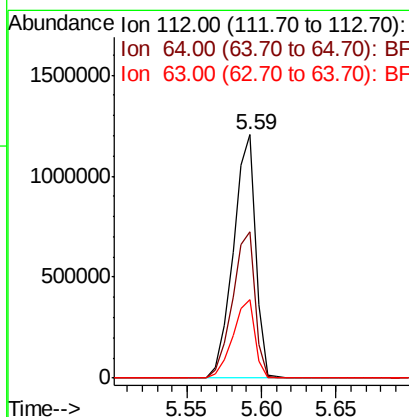
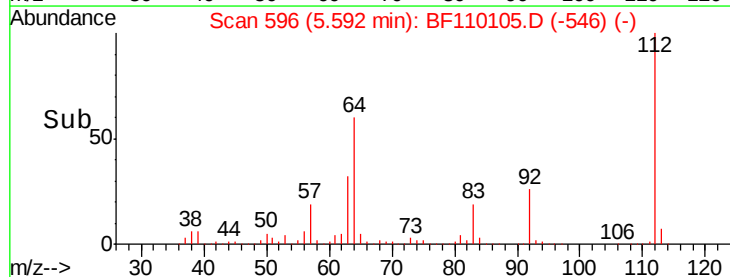


#5
 2-Fluorophenol
 Concen: 123.614 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110105.D
 Acq: 24 Oct 2018 10:46

Tgt Ion:112 Resp: 1269412
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.103 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Instrument :

BNA_F

ClientSampleId :

KG-VB-16195

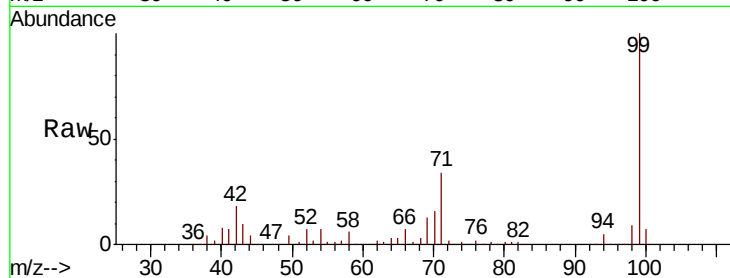
Tot Ion: 99 Resp: 1603840

Ion Ratio Lower Upper

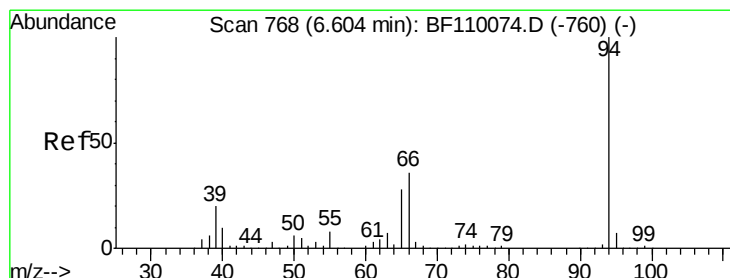
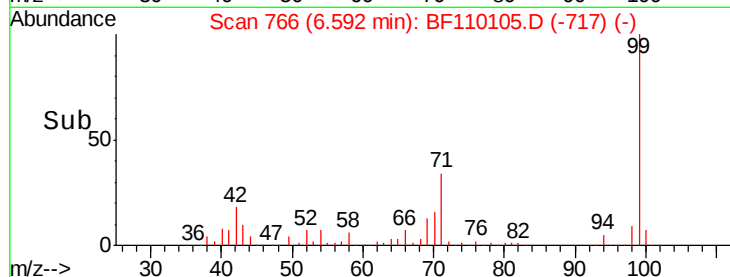
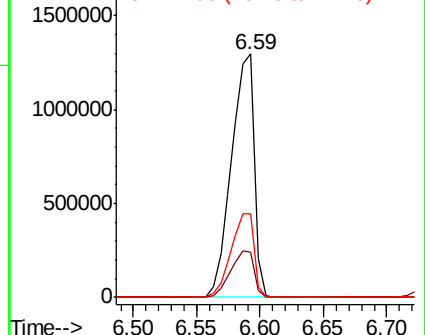
99 100

42 18.4 15.8 23.6

71 34.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 16.434 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

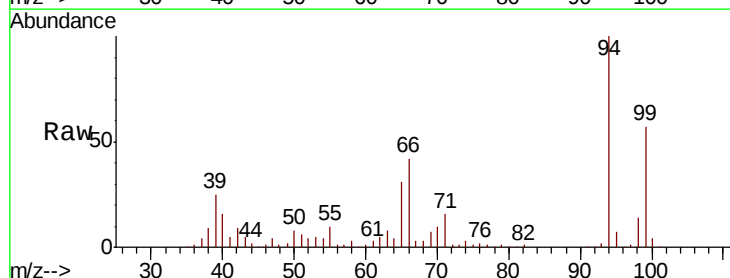
Tgt Ion: 94 Resp: 230747

Ion Ratio Lower Upper

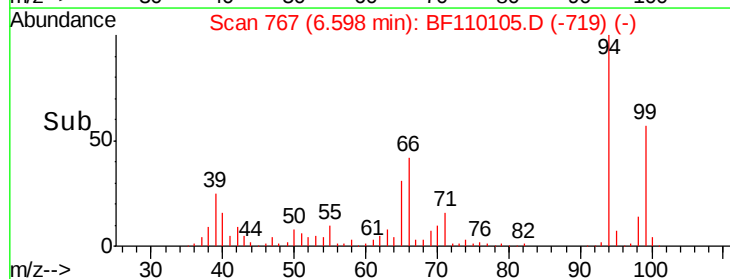
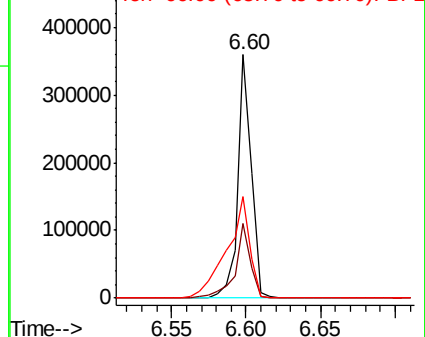
94 100

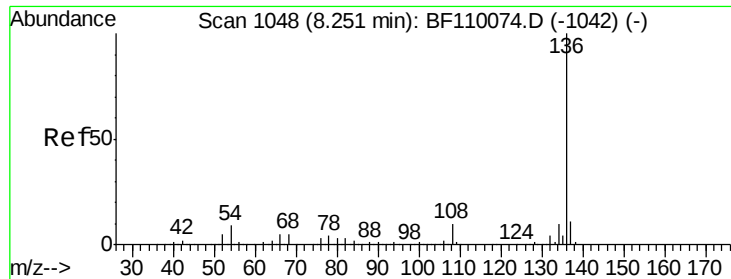
65 30.6 25.3 65.3

66 41.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Instrument :

BNA_F

ClientSampleId :

KG-VB-16195

Tot Ion:136 Resp: 649444

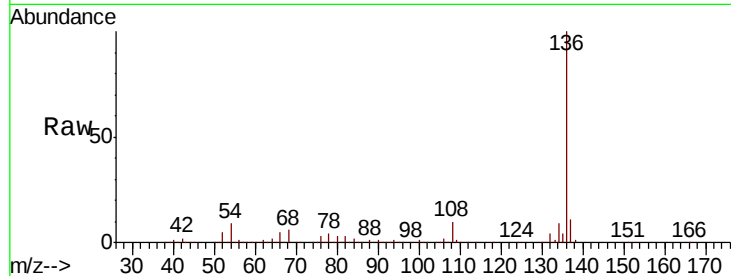
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.7 5.4 8.2#

68 5.6 4.2 6.2

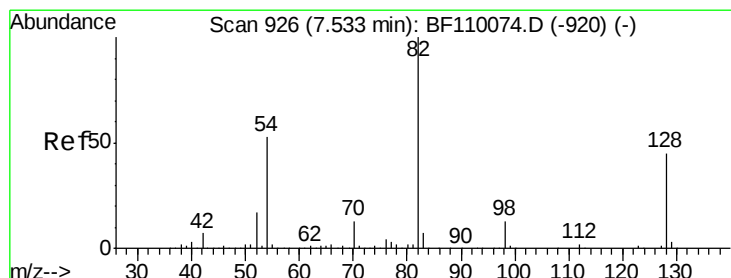
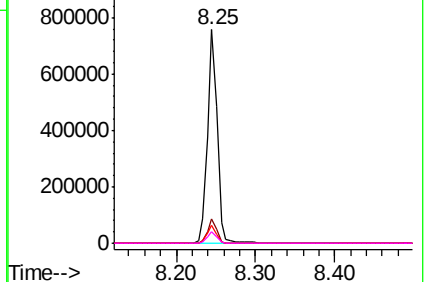
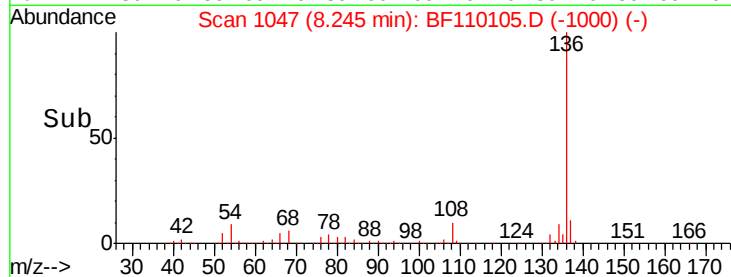


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 90.920 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

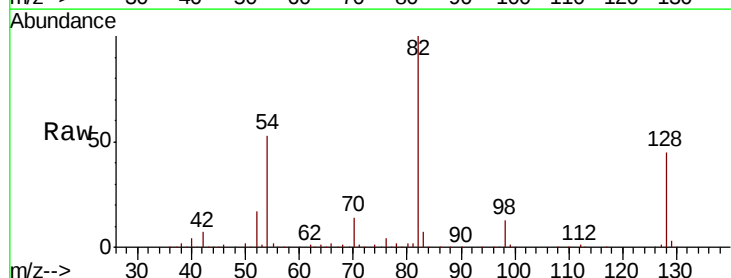
Tgt Ion: 82 Resp: 995516

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.2

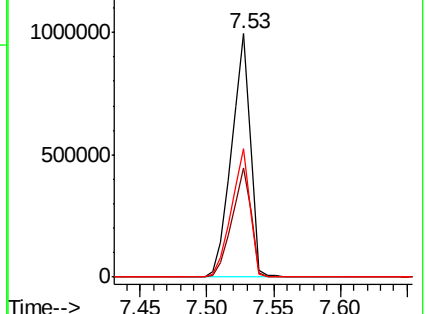
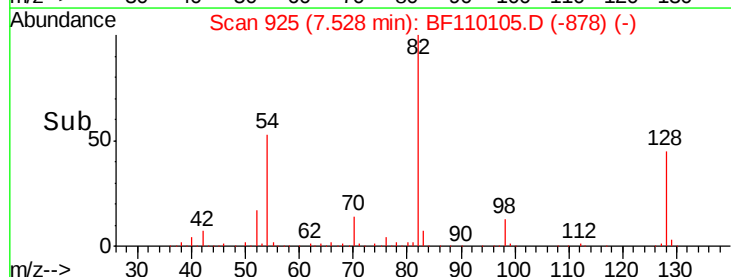
54 52.7 38.6 58.0

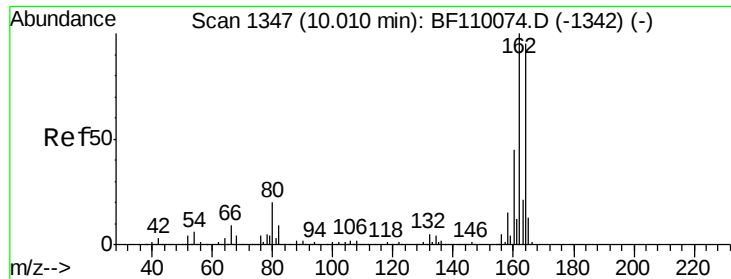


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

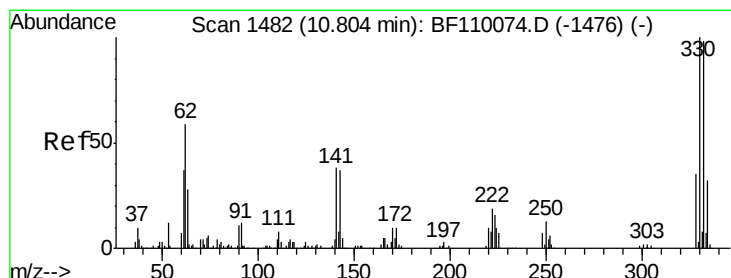
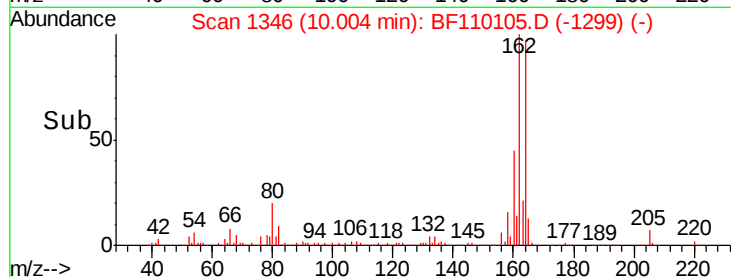
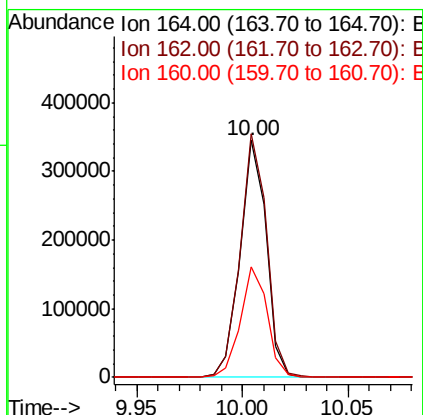
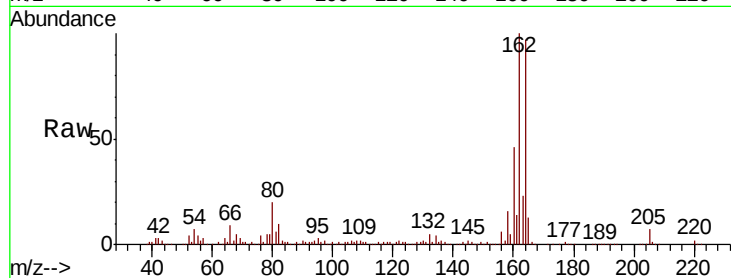




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

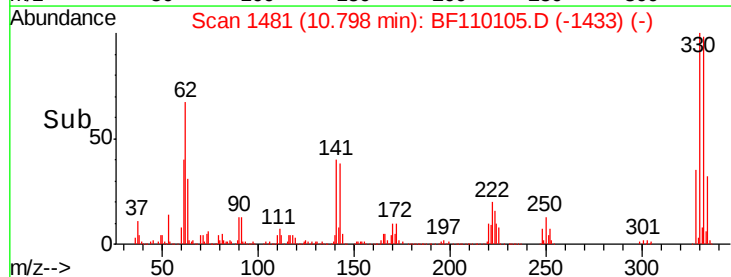
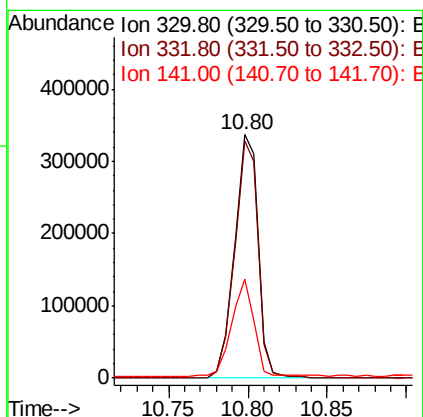
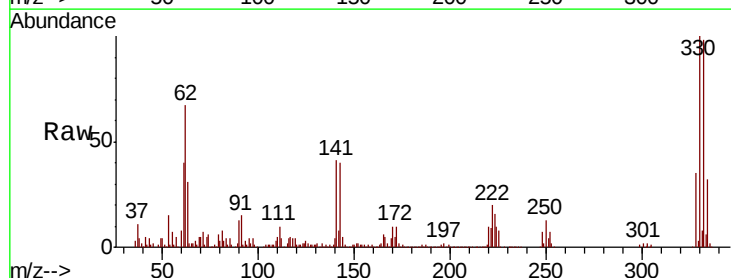
Instrument :
BNA_F
ClientSampleId :
KG-VB-16195

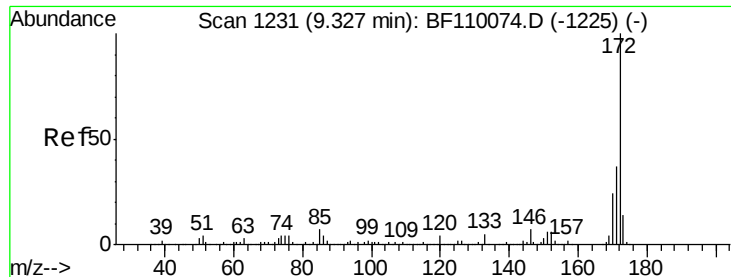
Tot Ion:164 Resp: 294677
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 46.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 119.112 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:330 Resp: 347685
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.3 27.0 40.4

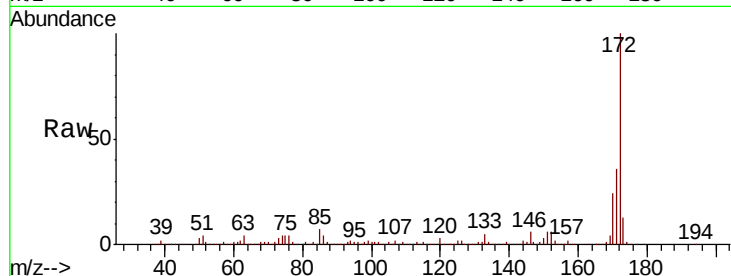




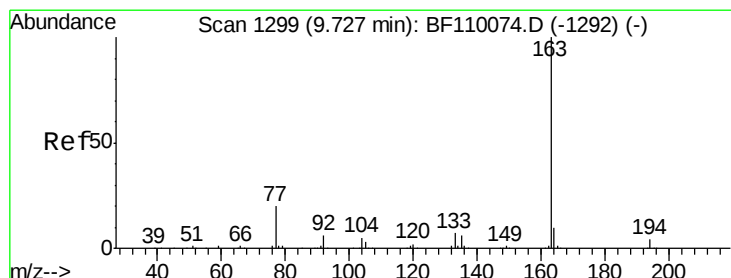
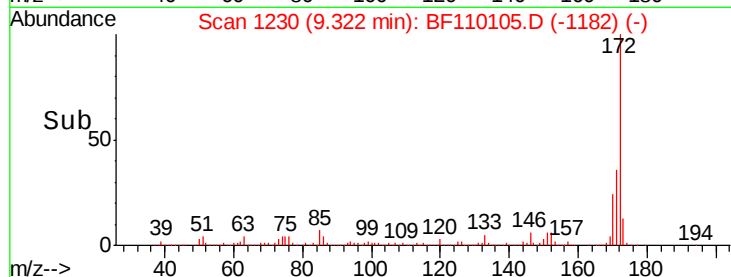
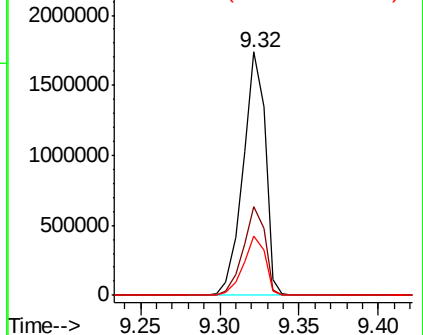
#45
2-Fluorobiphenyl
Concen: 89.933 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Instrument :
BNA_F
ClientSampleId :
KG-VB-16195

Tot Ion:172 Resp: 1687694
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.3 19.7 29.5

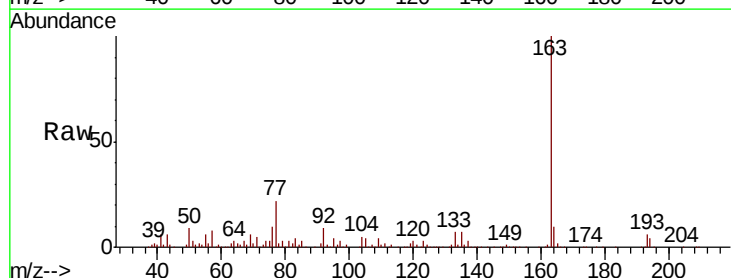


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

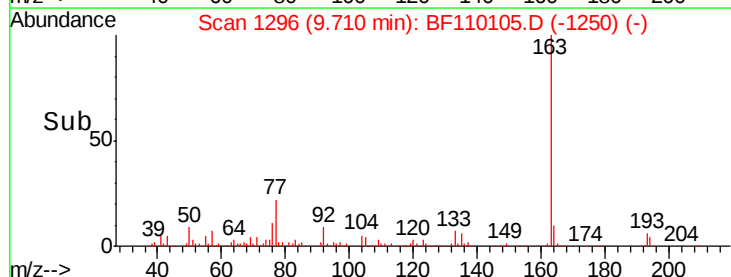
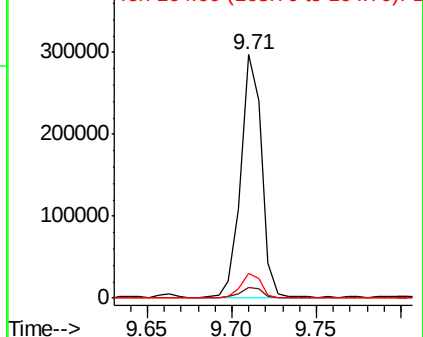


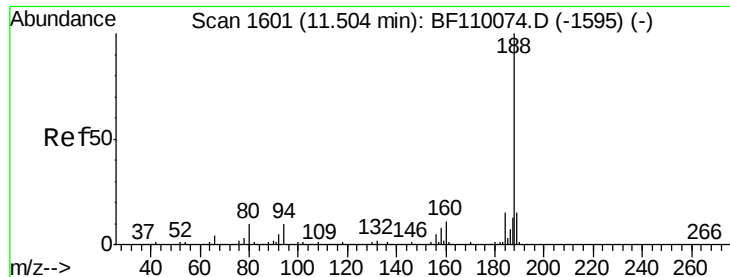
#50
Dimethylphthalate
Concen: 11.638 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110105.D
Acq: 24 Oct 2018 10:46

Tgt Ion:163 Resp: 253154
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.0 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Instrument :

BNA_F

ClientSampleId :

KG-VB-16195

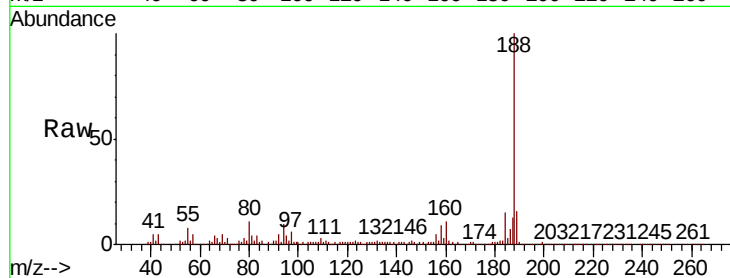
Tot Ion:188 Resp: 491007

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

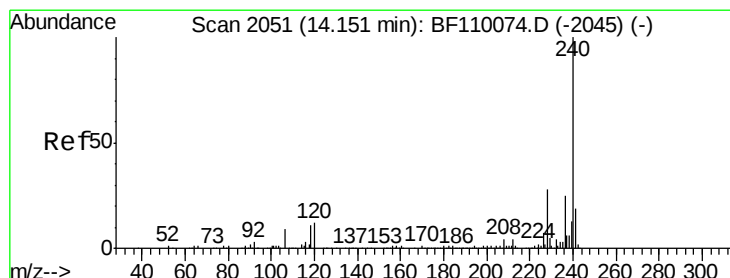
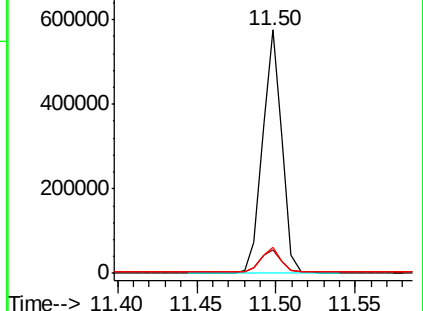
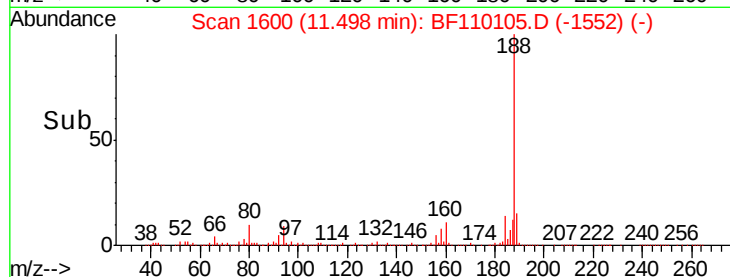
80 10.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

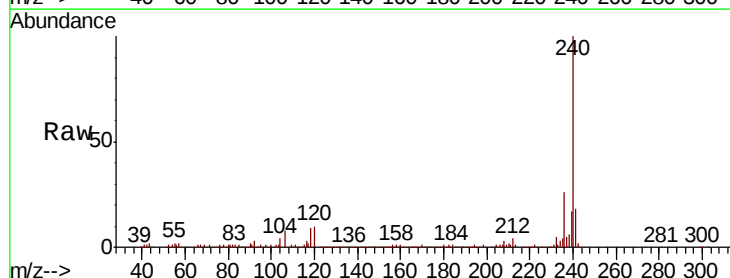
Tgt Ion:240 Resp: 315231

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

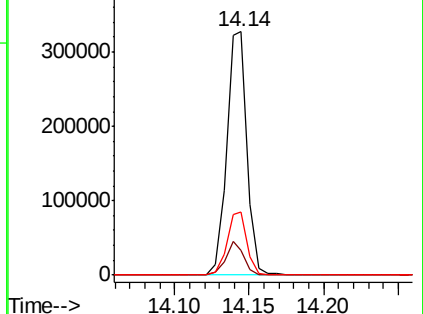
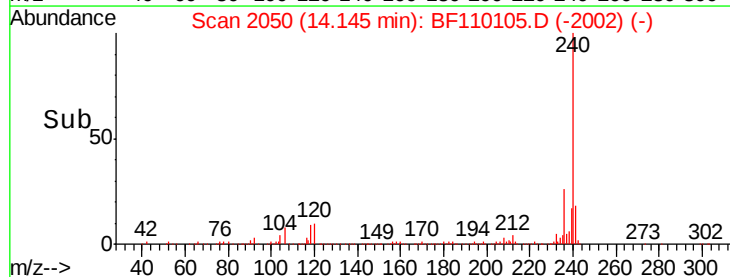
236 25.7 21.2 31.8

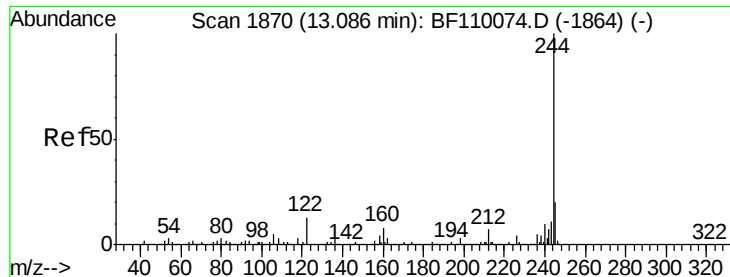


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.969 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Instrument :

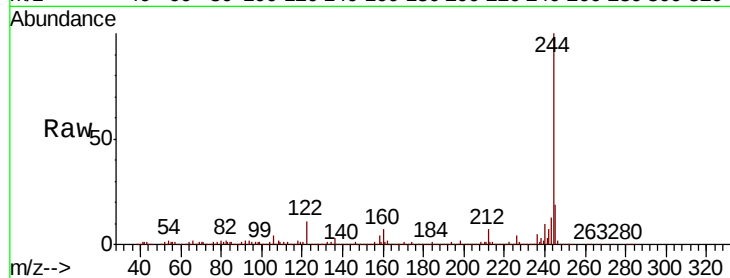
BNA_F

ClientSampleId :

KG-VB-16195

Tot Ion:244 Resp: 1287918

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.2	8.7	13.1

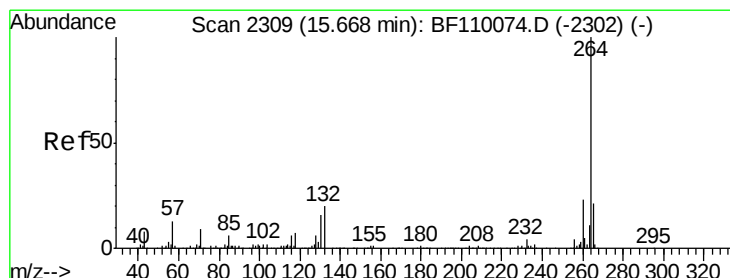
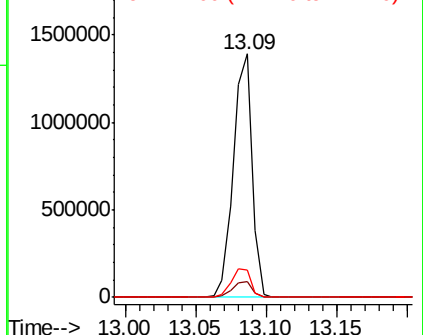
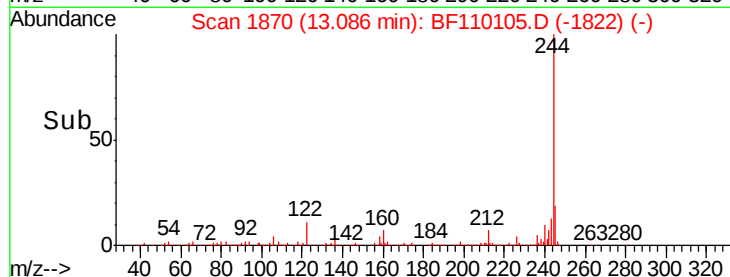


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

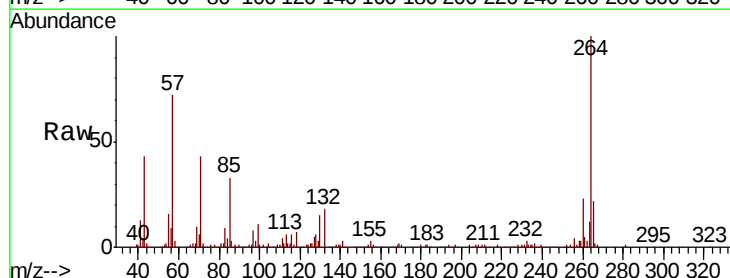
Delta R.T. -0.02 min

Lab File: BF110105.D

Acq: 24 Oct 2018 10:46

Tgt Ion:264 Resp: 332033

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	16.7	25.1



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

