

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112453.D
 Acq On : 7 Feb 2019 22:05
 Operator : JU/SJ
 Sample : K1403-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Feb 09 03:57:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

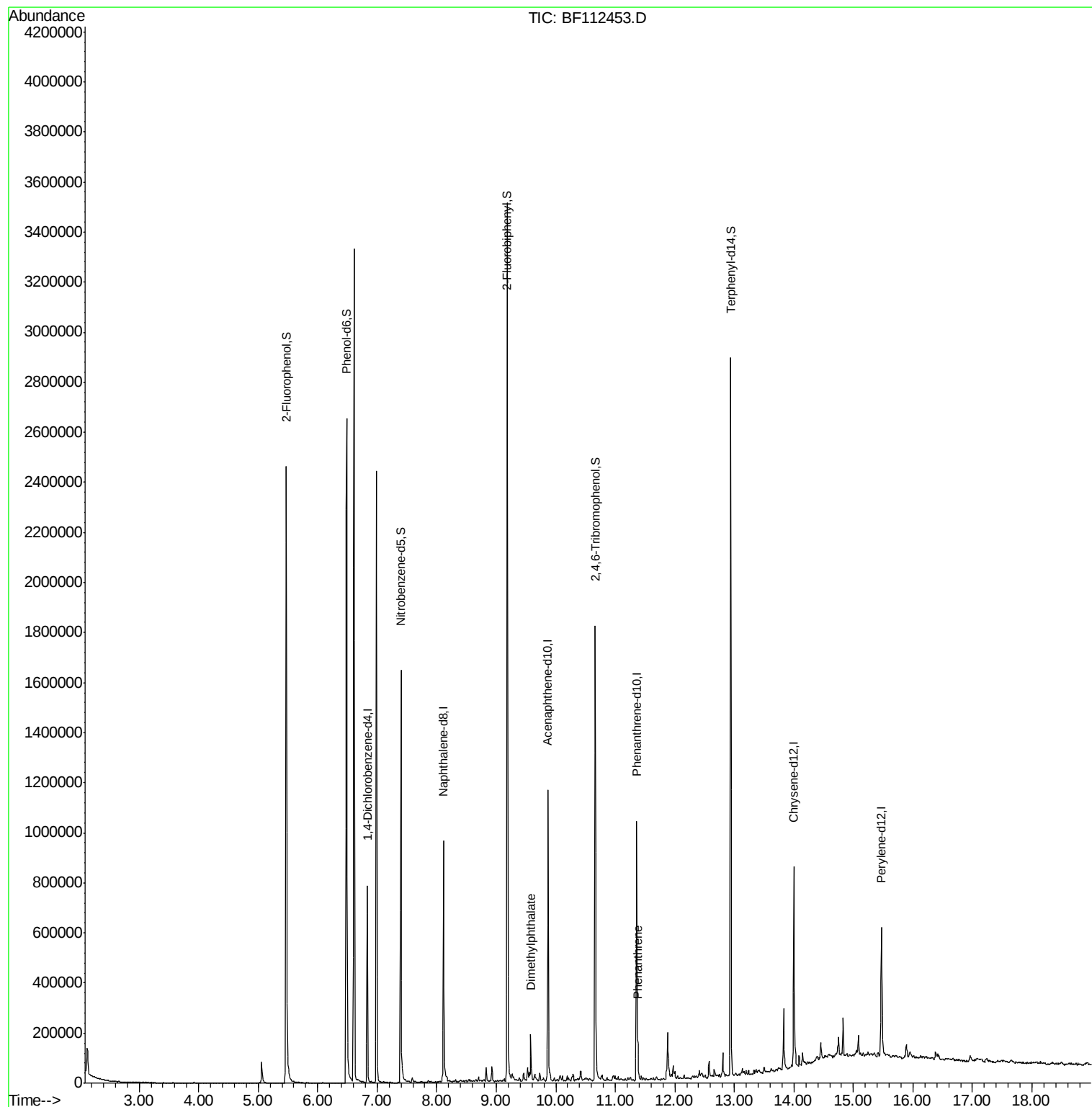
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	125138	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	472572	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	225732	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	377577	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	286717	20.00	ng	0.00
87) Perylene-d12	15.47	264	253936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	766660	130.13	ng	0.00
7) Phenol-d6	6.49	99	953818	116.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	591093	72.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	235674	89.70	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1095826	68.66	ng	-0.02
79) Terphenyl-d14	12.94	244	907428	59.61	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	79121	4.511	ng	98
71) Phenanthrene	11.38	178	50226	2.559	ng	97

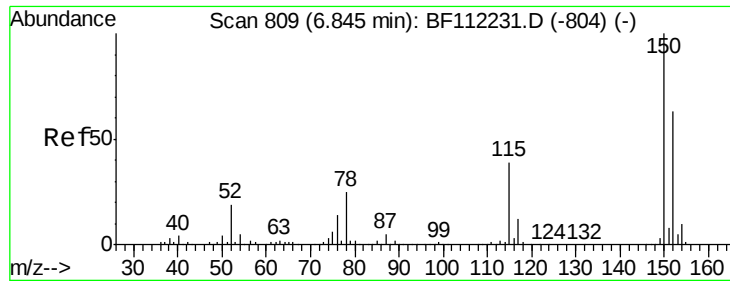
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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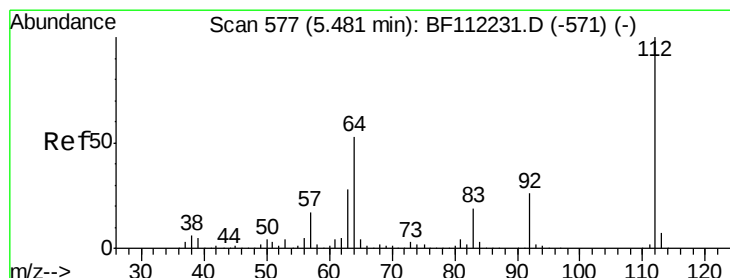
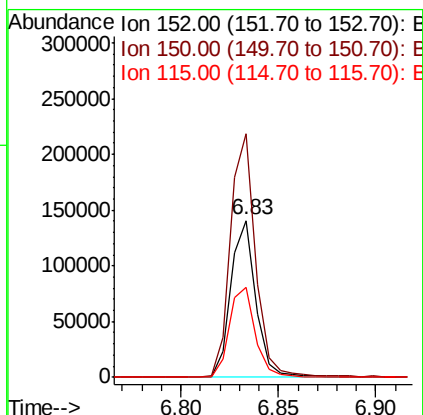
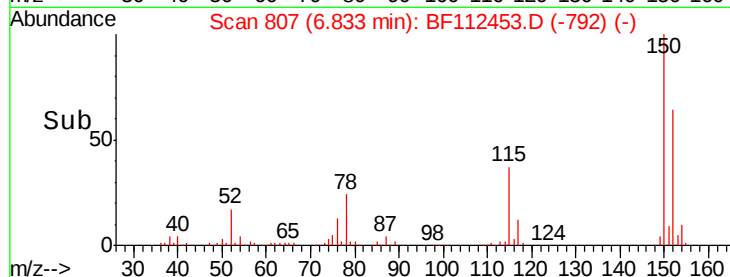
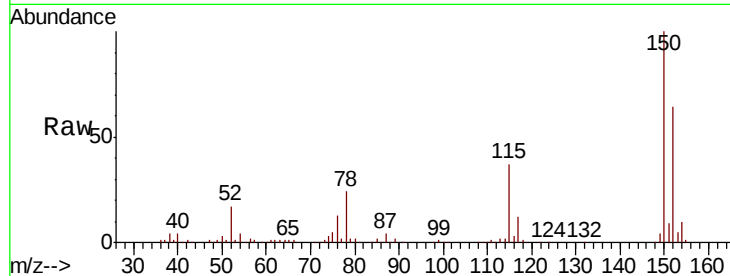


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112453.D
 Acq: 7 Feb 2019 22:05

Instrument :
 BNA_F
 ClientSampled :
 S-1

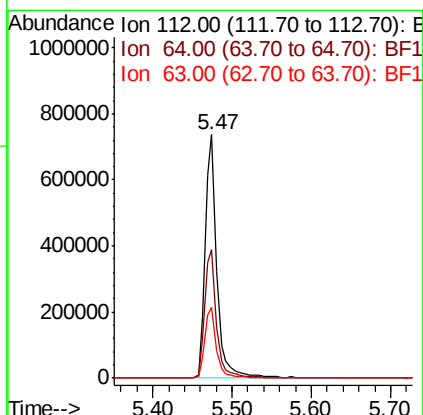
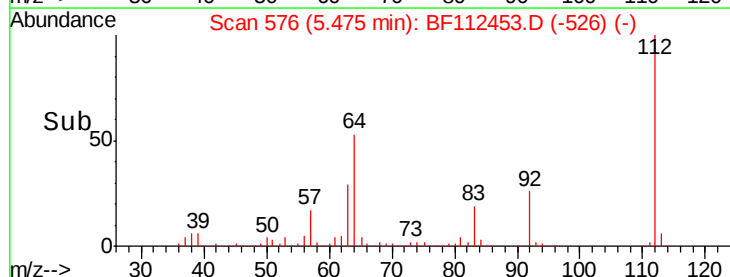
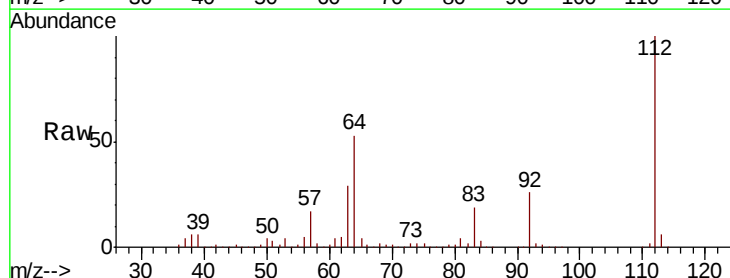
Tot Ion:152 Resp: 125138
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.0
 115 57.2 45.5 68.3



#5

2-Fluorophenol
 Concen: 130.131 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112453.D
 Acq: 7 Feb 2019 22:05

Tgt Ion:112 Resp: 766660
 Ion Ratio Lower Upper
 112 100
 64 52.5 45.7 68.5
 63 28.9 23.6 35.4





#7

Phenol-d6

Concen: 116.512 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

Instrument :

BNA_F

ClientSampleId :

S-1

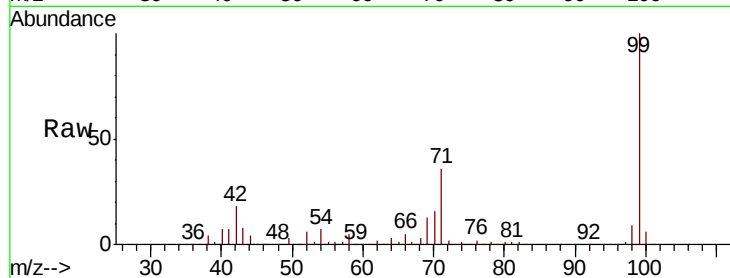
Tot Ion: 99 Resp: 953818

Ion Ratio Lower Upper

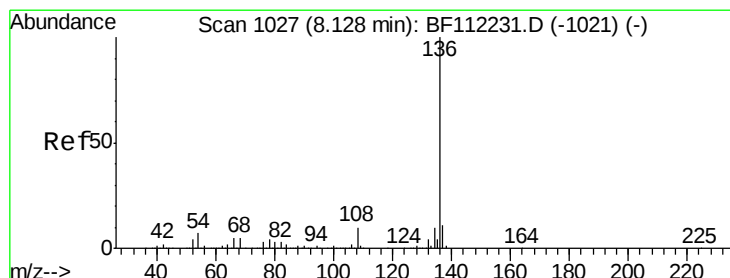
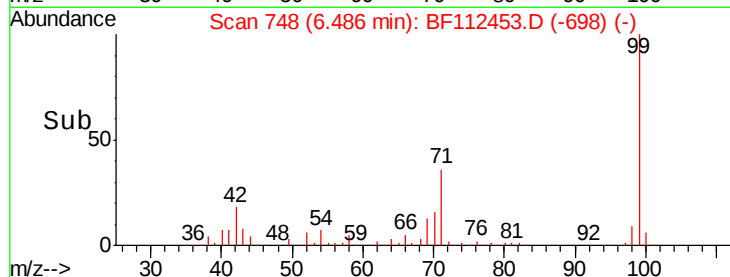
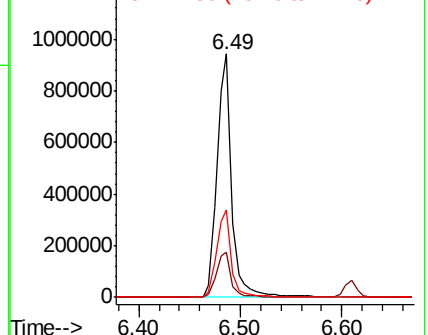
99 100

42 18.3 15.1 22.7

71 36.0 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

Tgt Ion: 136 Resp: 472572

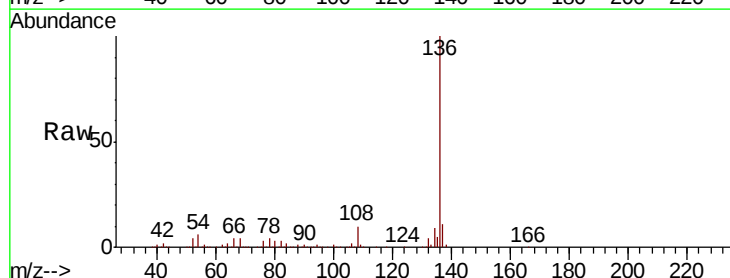
Ion Ratio Lower Upper

136 100

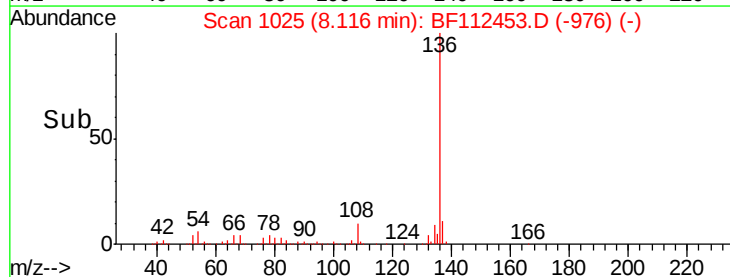
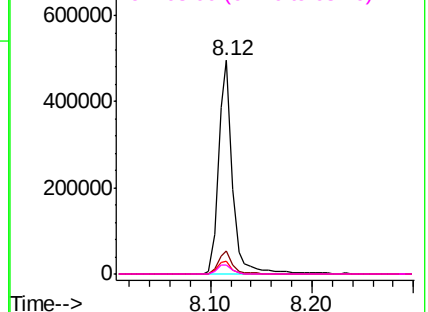
137 10.6 9.1 13.7

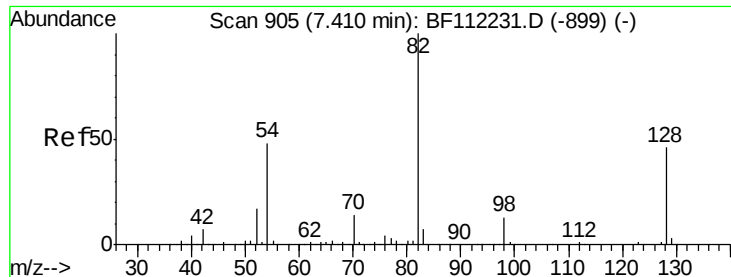
54 5.9 5.9 8.9

68 4.4 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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 72.071 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

Instrument :

BNA_F

ClientSampleId :

S-1

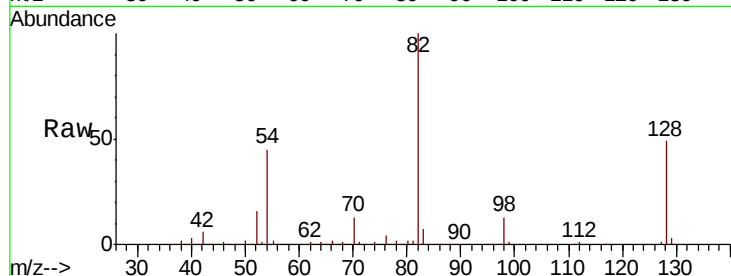
Tot Ion: 82 Resp: 591093

Ion Ratio Lower Upper

82 100

128 49.0 37.8 56.8

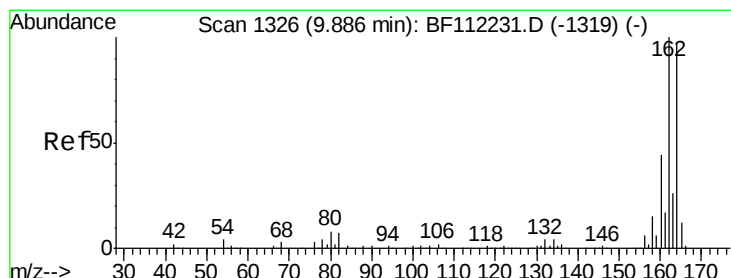
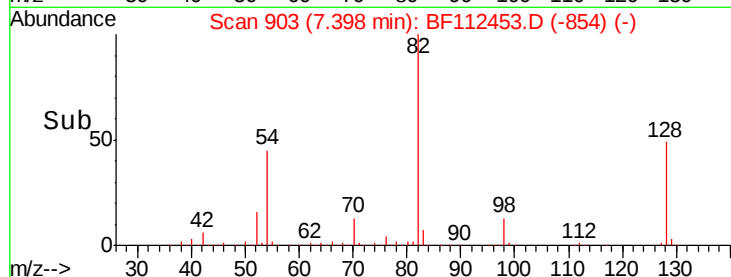
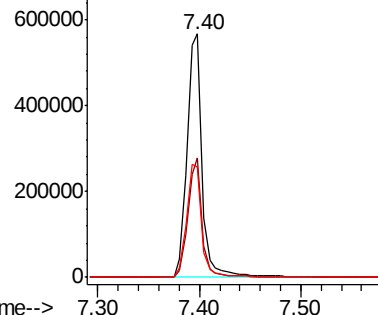
54 45.2 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

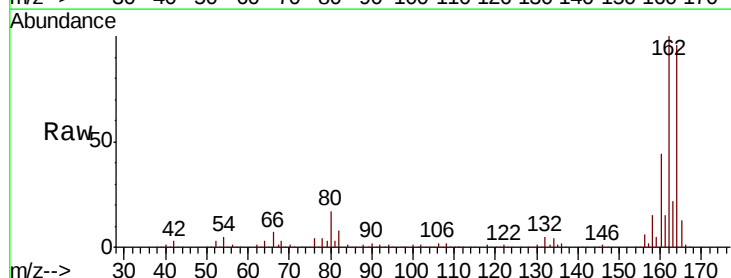
Tgt Ion:164 Resp: 225732

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

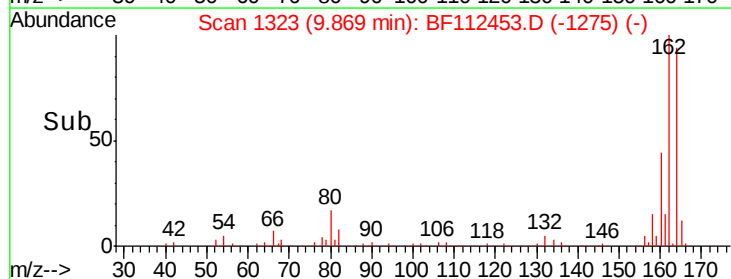
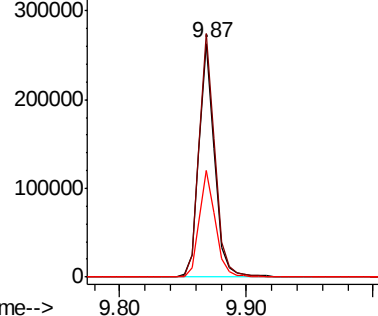
160 45.6 36.2 54.4

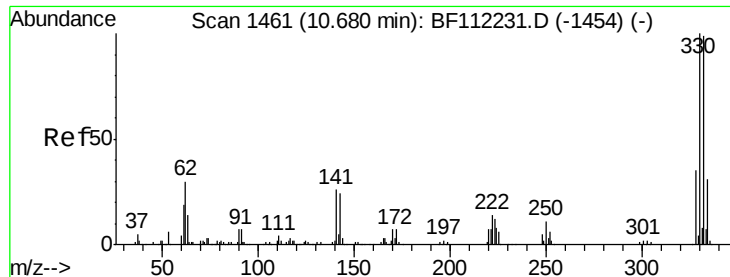


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 89.697 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

Instrument :

BNA_F

ClientSampleId :

S-1

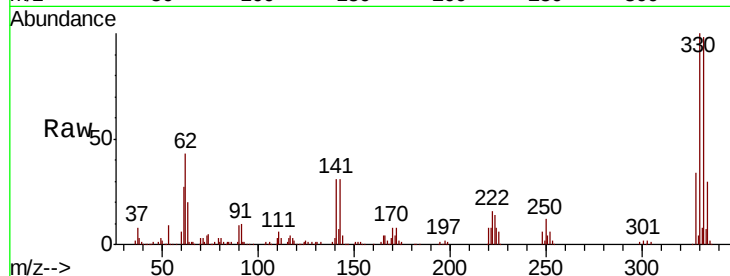
Tot Ion:330 Resp: 235674

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

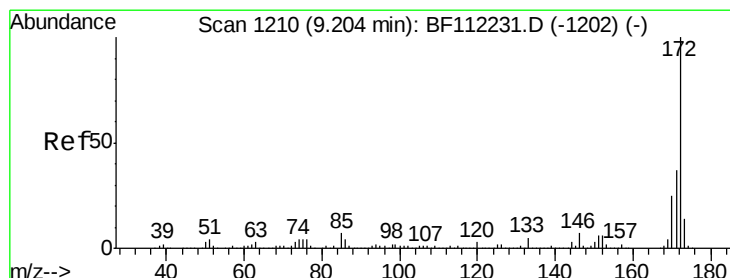
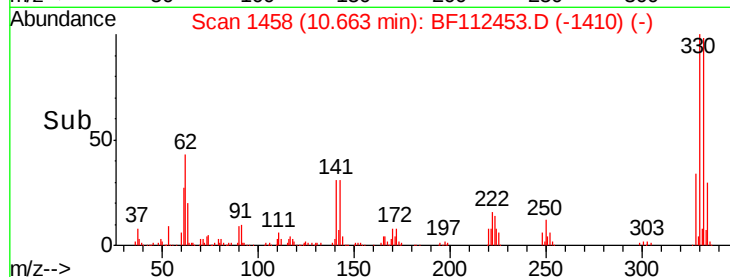
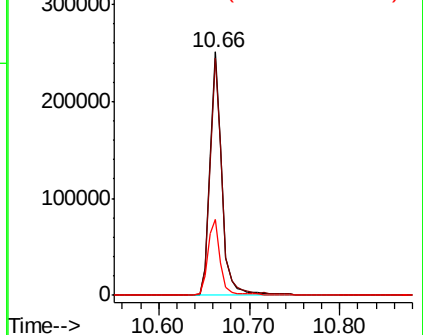
141 33.0 24.3 36.5



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



#45

2-Fluorobiphenyl

Concen: 68.660 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

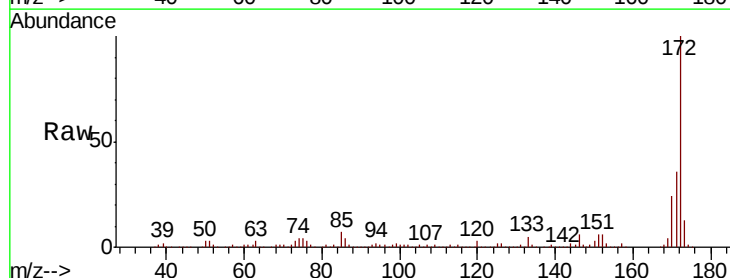
Tgt Ion:172 Resp: 1095826

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

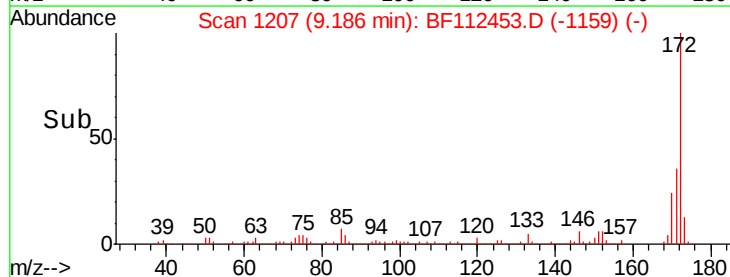
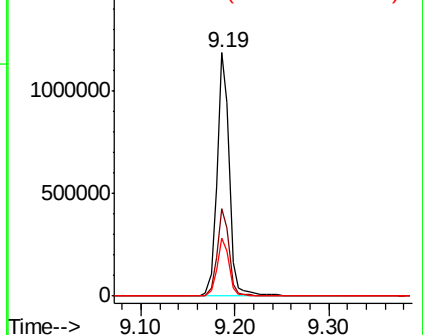
170 23.6 20.2 30.4

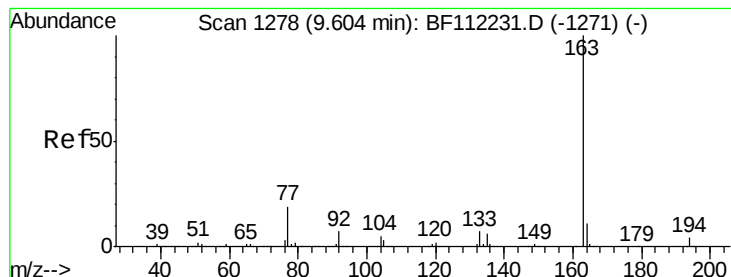


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.511 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

Instrument :

BNA_F

ClientSampleId :

S-1

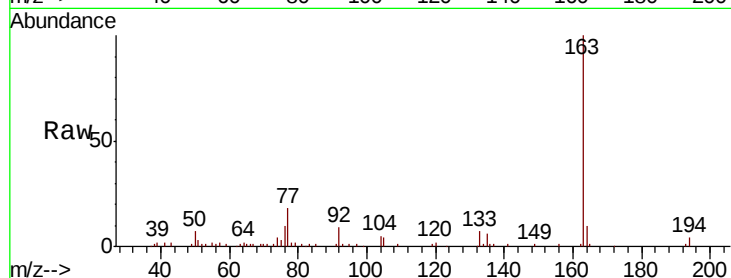
Tot Ion:163 Resp: 79121

Ion Ratio Lower Upper

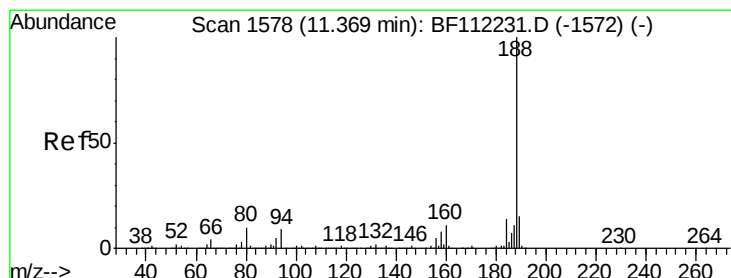
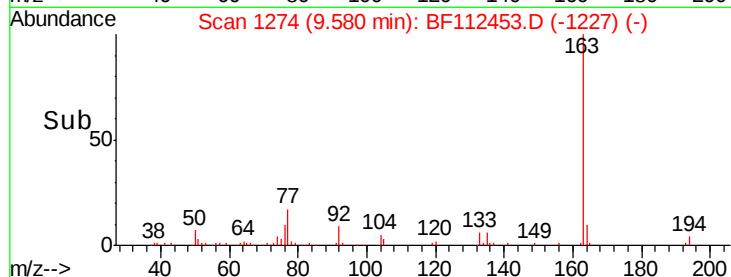
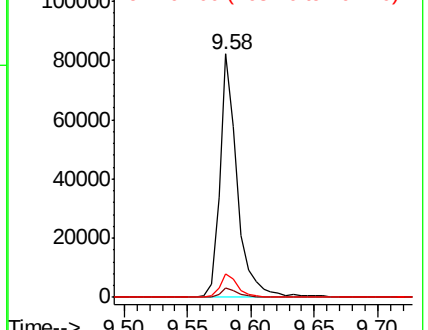
163 100

194 3.8 3.3 4.9

164 9.7 8.5 12.7



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112453.D

Acq: 7 Feb 2019 22:05

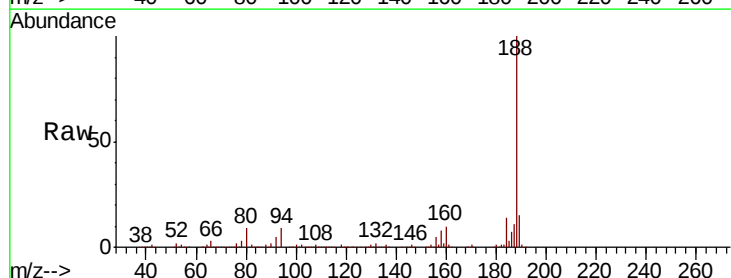
Tgt Ion:188 Resp: 377577

Ion Ratio Lower Upper

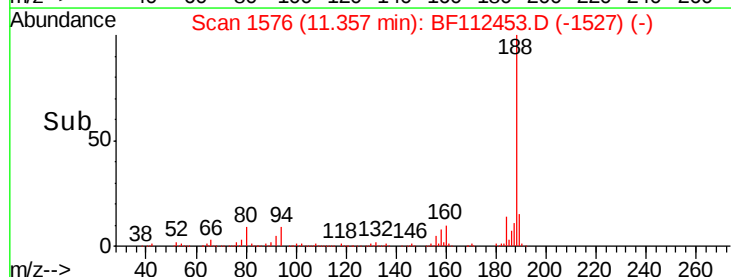
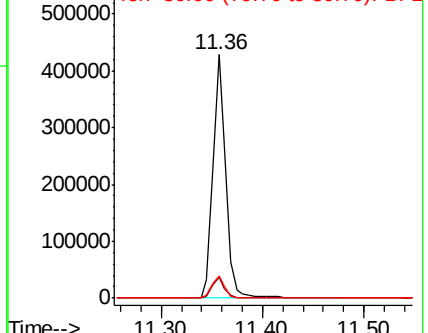
188 100

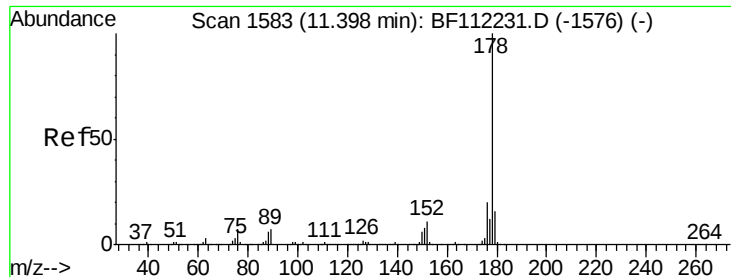
94 8.7 8.2 12.2

80 8.9 8.9 13.3



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

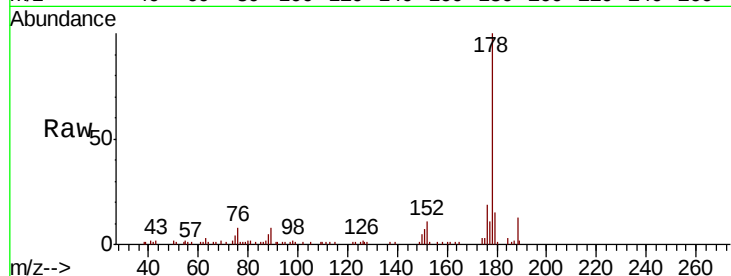




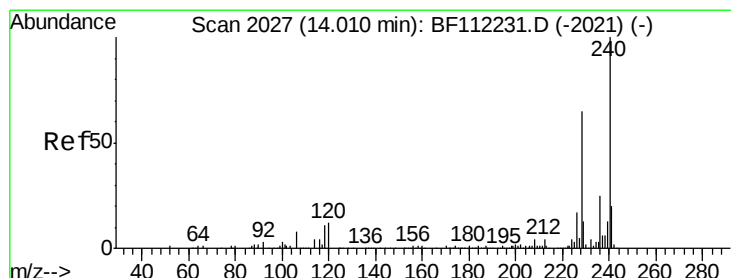
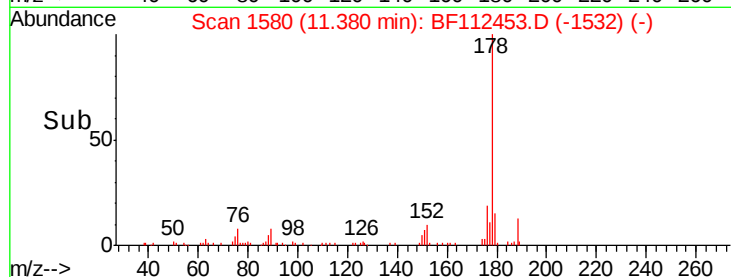
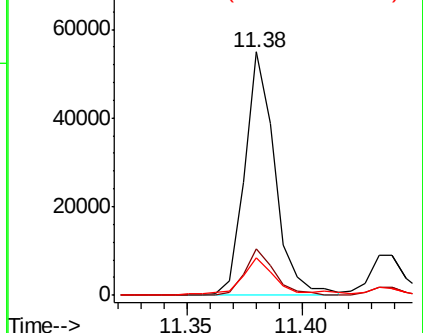
#71
Phenanthrene
Concen: 2.559 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112453.D
Acq: 7 Feb 2019 22:05

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:178 Resp: 50226
Ion Ratio Lower Upper
178 100
176 18.8 16.3 24.5
179 15.4 13.0 19.4

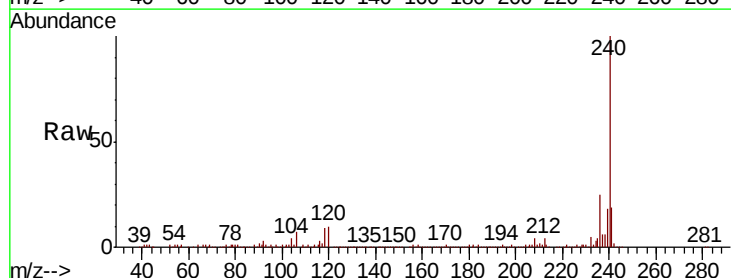


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

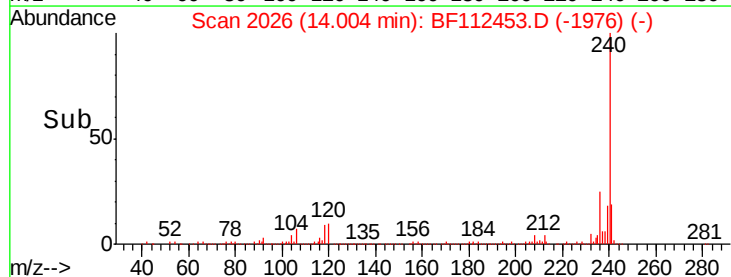
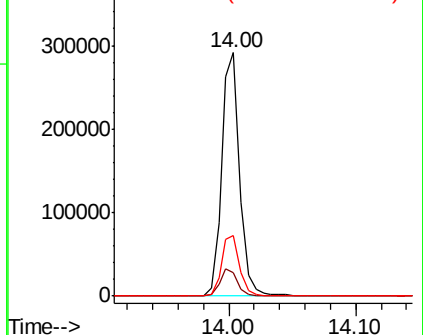


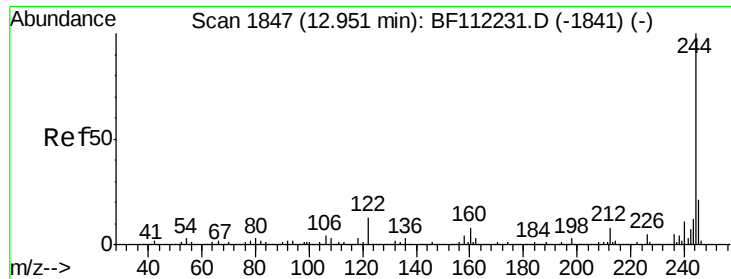
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112453.D
Acq: 7 Feb 2019 22:05

Tgt Ion:240 Resp: 286717
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 24.8 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

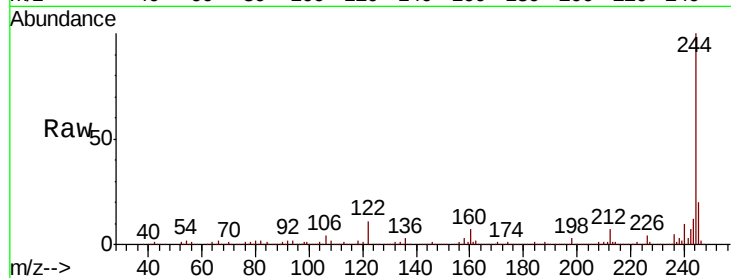




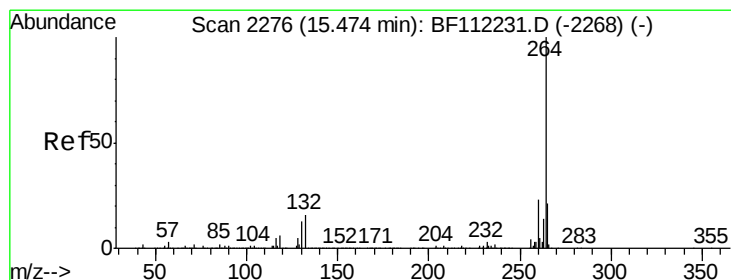
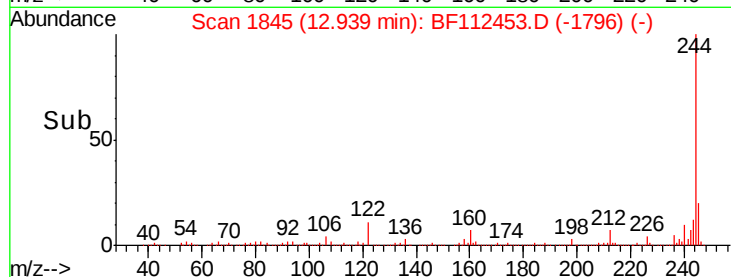
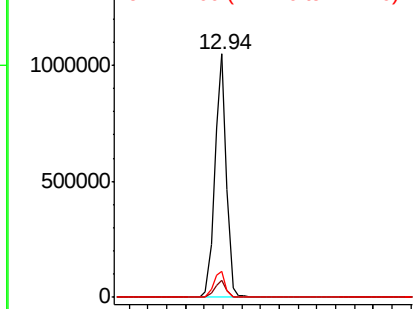
#79
 Terphenyl-d14
 Concen: 59.609 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112453.D
 Acq: 7 Feb 2019 22:05

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion:244 Resp: 907428
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.6 9.8 14.6

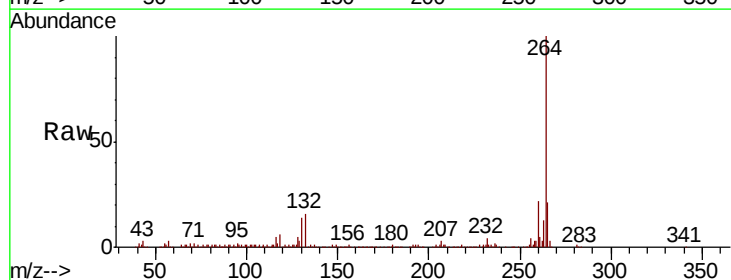


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112453.D
 Acq: 7 Feb 2019 22:05

Tgt Ion:264 Resp: 253936
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.2 17.0 25.4



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

