

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108822.D
 Acq On : 6 Sep 2018 13:25
 Operator : JU/SJ
 Sample : J4724-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-8USTS-E

Quant Time: Sep 06 14:50:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

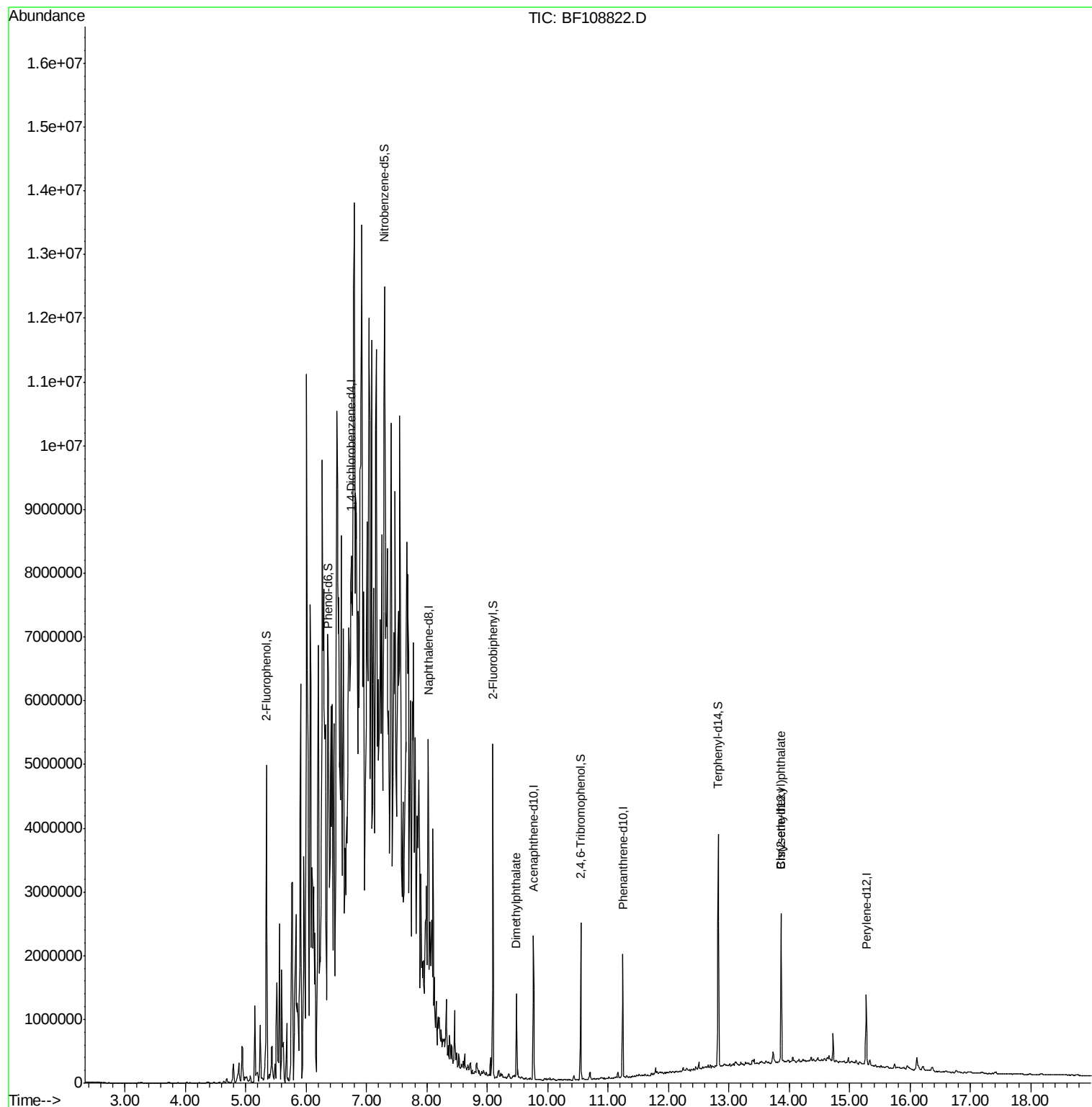
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	206869	20.00	ng	0.01
21) Naphthalene-d8	8.02	136	833689	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	399613	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	619364	20.00	ng	0.00
75) Chrysene-d12	13.87	240	574390	20.00	ng	0.00
86) Perylene-d12	15.27	264	509527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1190560	95.34	ng	0.01
7) Phenol-d6	6.37	99	1412411	87.91	ng	0.00
23) Nitrobenzene-d5	7.31	82	852202	63.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	266354	69.82	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1520398	64.91	ng	0.00
78) Terphenyl-d14	12.82	244	1162185	47.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	475588	17.016	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	173710	6.945	ng	98

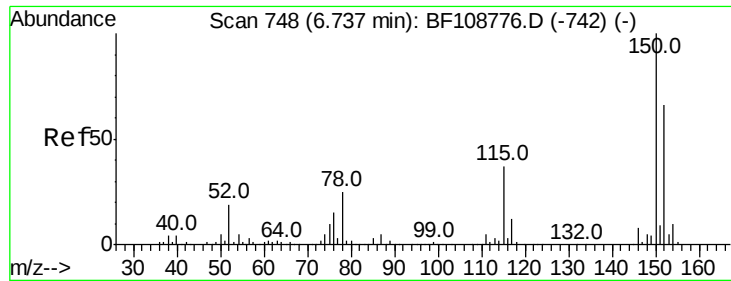
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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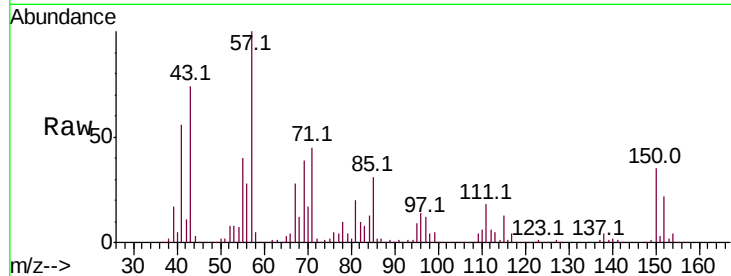


#1

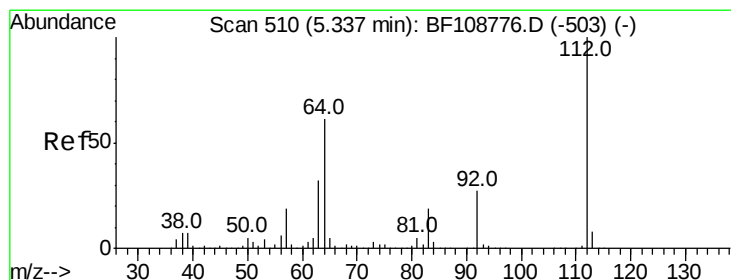
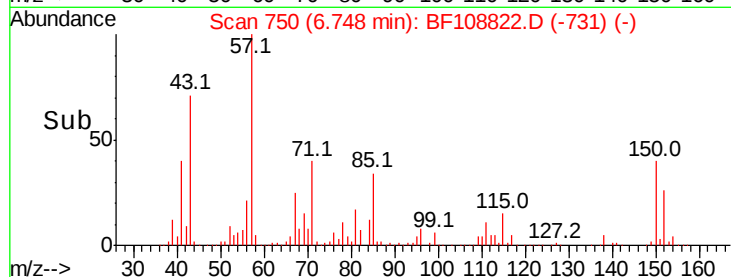
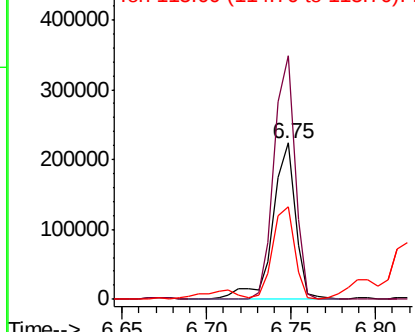
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF108822.D
Acq: 6 Sep 2018 13:25

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-8USTS-E

Tot Ion:152 Resp: 206869
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.9 50.1 75.1



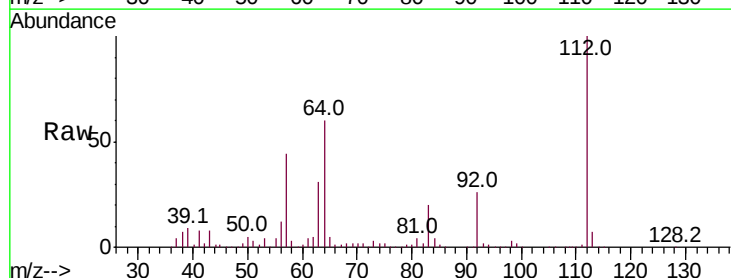
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



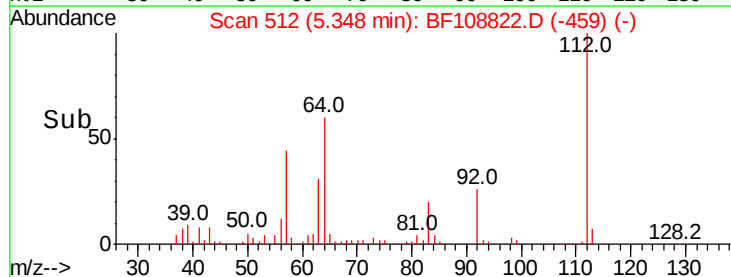
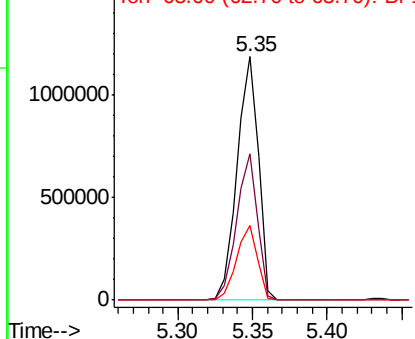
#5

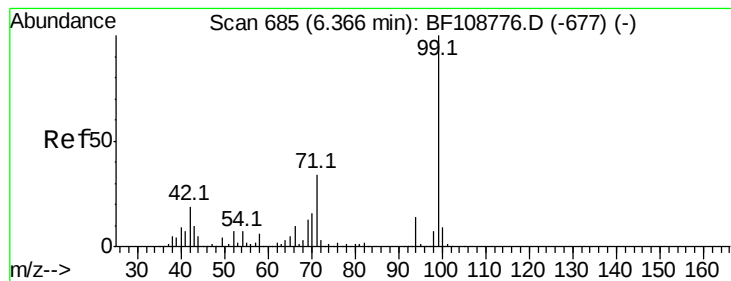
2-Fluorophenol
Concen: 95.343 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108822.D
Acq: 6 Sep 2018 13:25

Tgt Ion:112 Resp: 1190560
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.8 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: 87.910 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108822.D

Acq: 6 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-8USTS-E

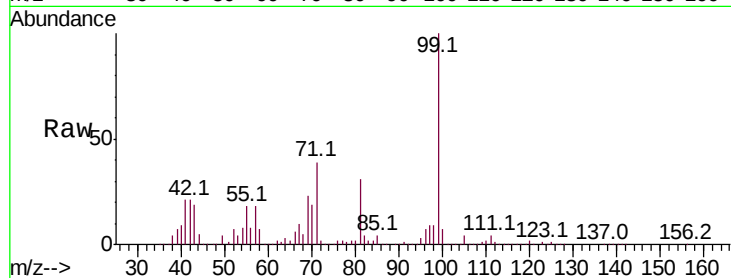
Tot Ion: 99 Resp: 1412411

Ion Ratio Lower Upper

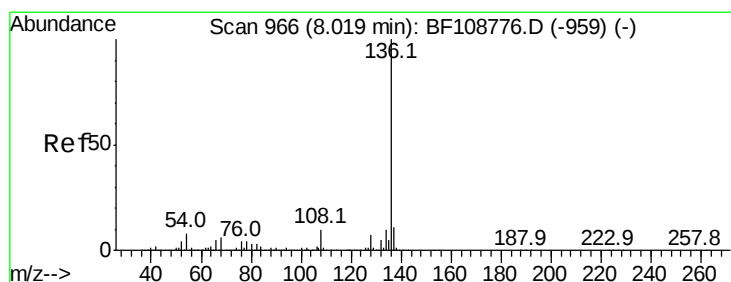
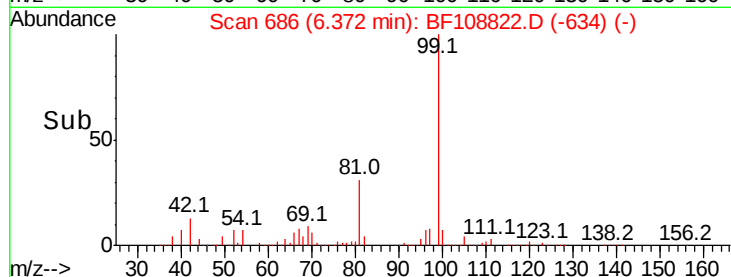
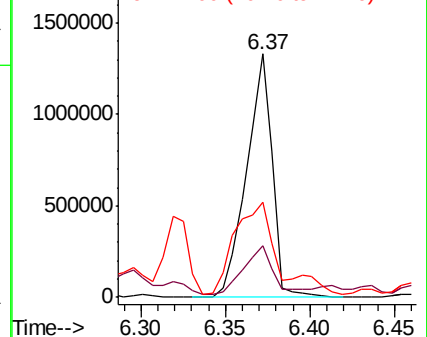
99 100

42 20.9 14.5 21.7

71 38.9 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF108822.D

Acq: 6 Sep 2018 13:25

Tgt Ion: 136 Resp: 833689

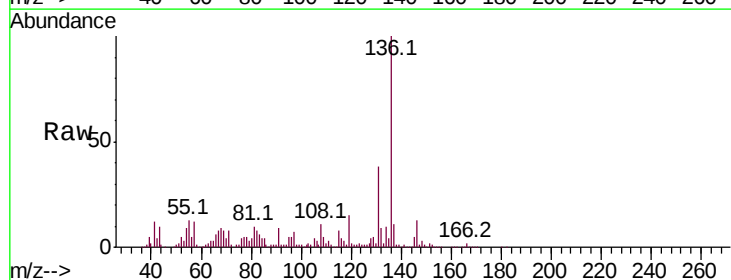
Ion Ratio Lower Upper

136 100

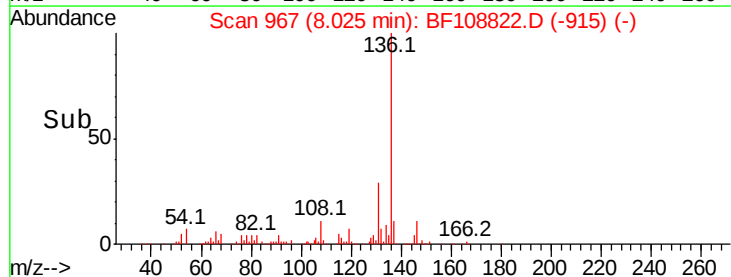
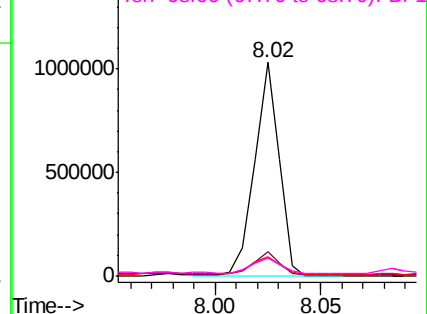
137 11.5 8.9 13.3

54 8.9 6.6 9.8

68 8.6 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

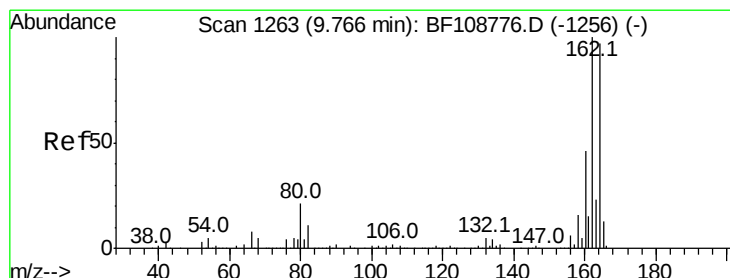
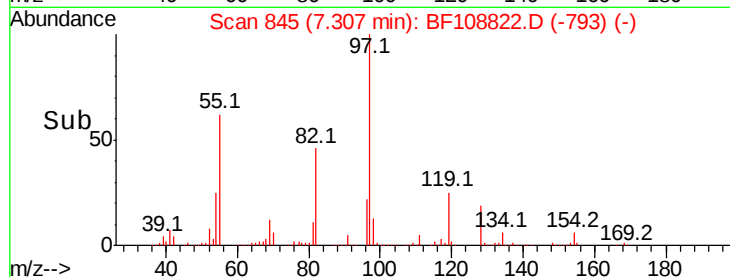
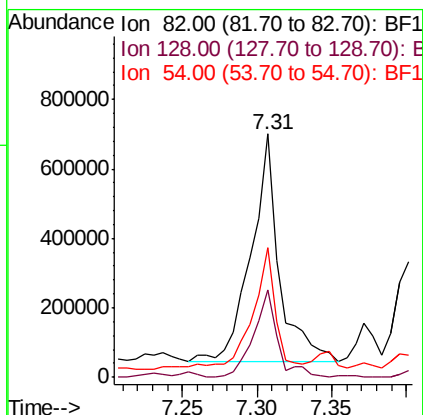
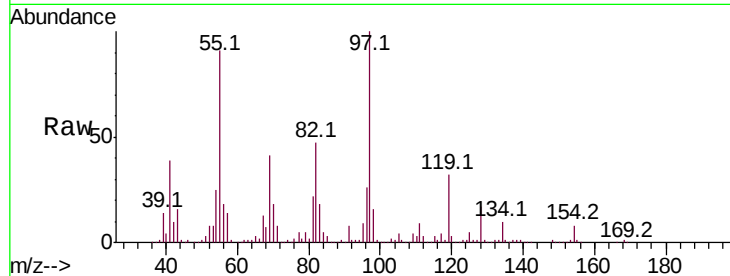




#23
 Nitrobenzene-d5
 Concen: 63.971 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

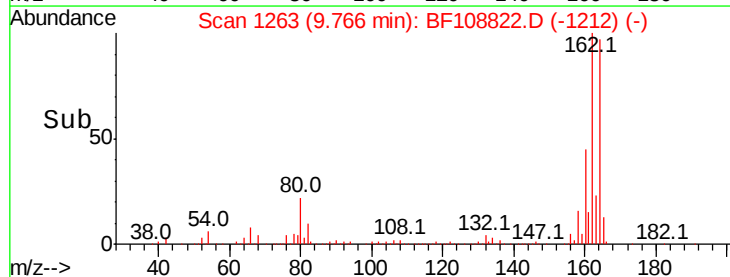
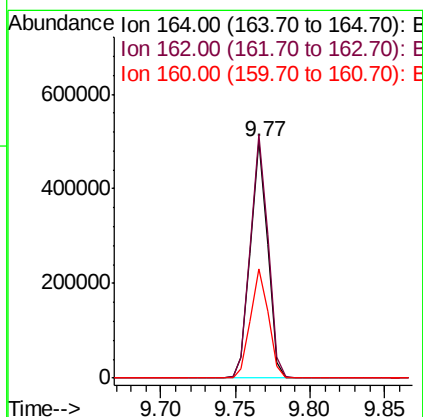
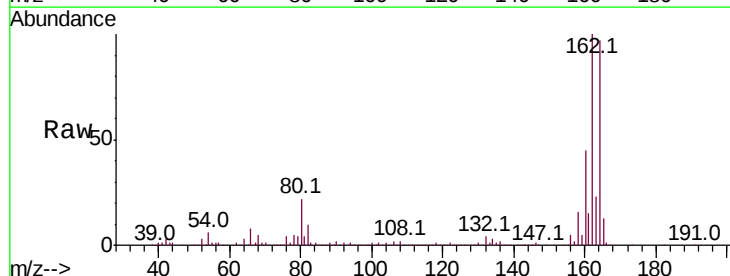
Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-8USTS-E

Tot Ion	82	Resp	852202
Ion Ratio	100	Lower	Upper
128	36.2	36.1	54.1
54	53.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

Tgt Ion	164	Resp	399613
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.9	86.1	129.1
160	46.2	38.3	57.5

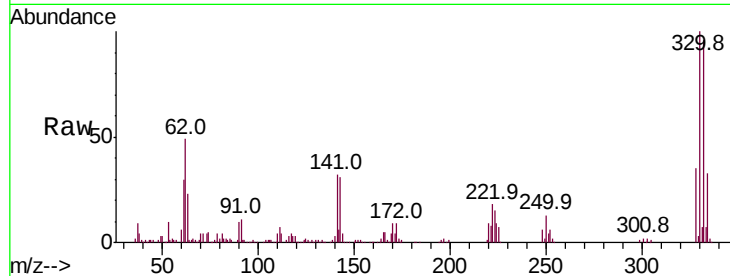




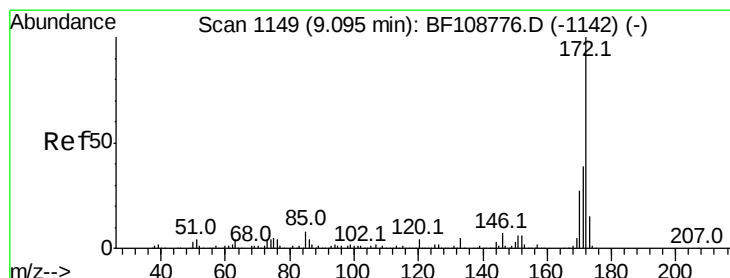
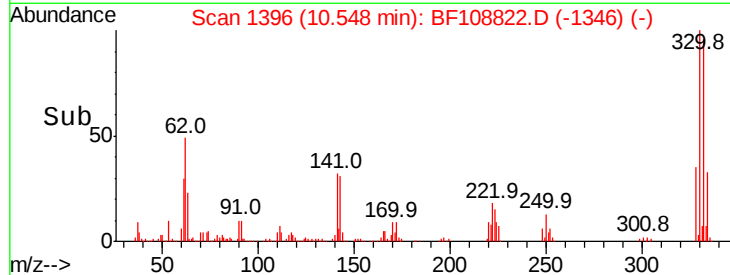
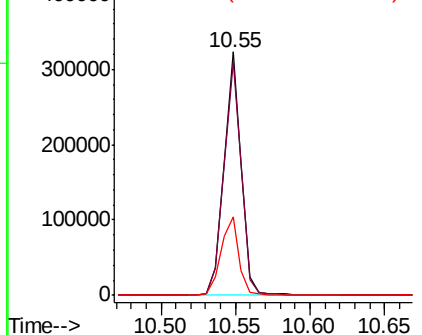
#41
 2,4,6-Tribromophenol
 Concen: 69.819 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-8USTS-E

Tot Ion:330 Resp: 266354
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 34.0 29.9 44.9

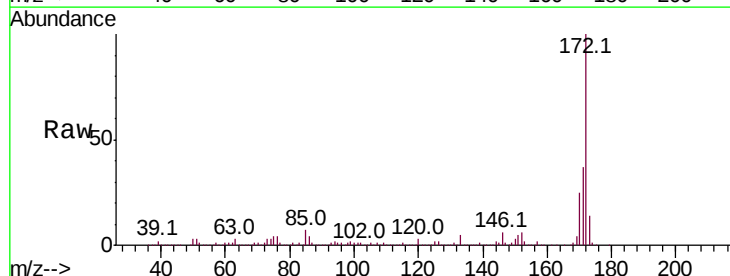


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

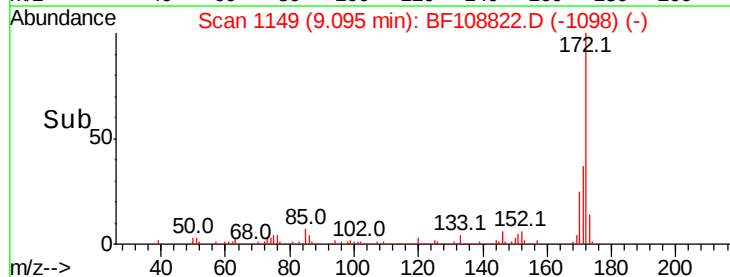
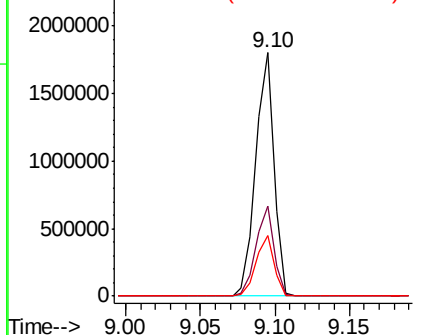


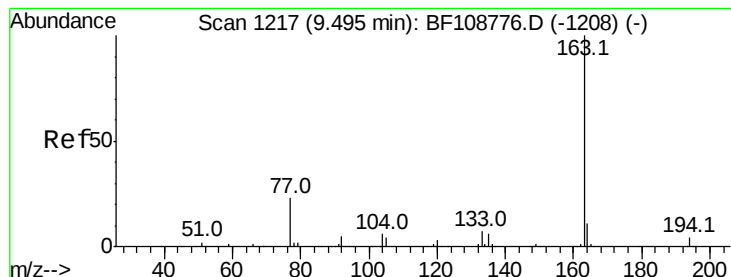
#44
 2-Fluorobiphenyl
 Concen: 64.907 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

Tgt Ion:172 Resp: 1520398
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.8 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: 17.016 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108822.D

Acq: 6 Sep 2018 13:25

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-8USTS-E

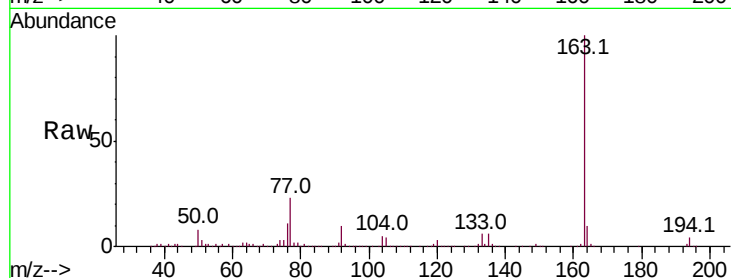
Tot Ion:163 Resp: 475588

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

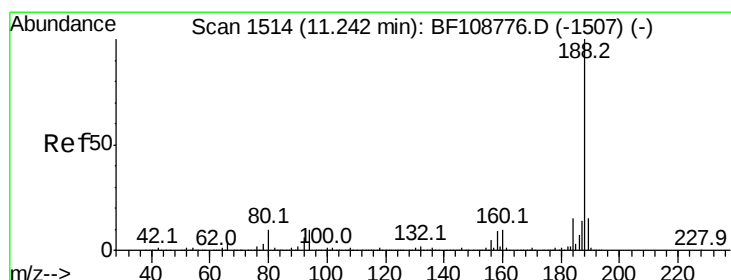
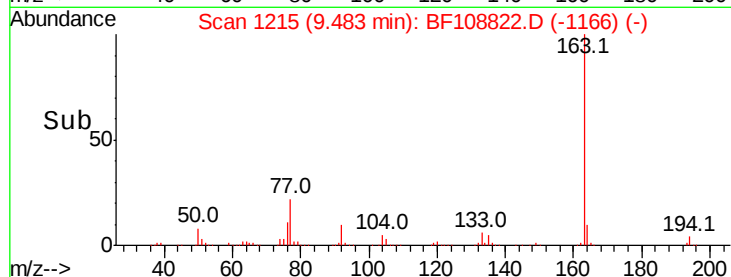
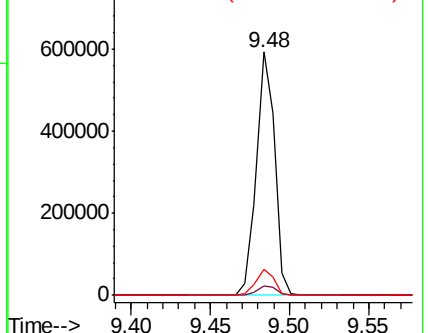
164 10.5 8.2 12.2



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: 11.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF108822.D

Acq: 6 Sep 2018 13:25

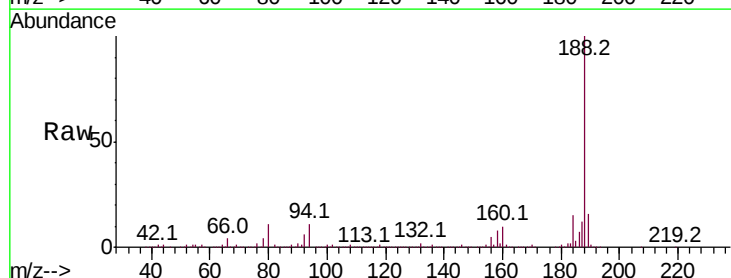
Tgt Ion:188 Resp: 619364

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

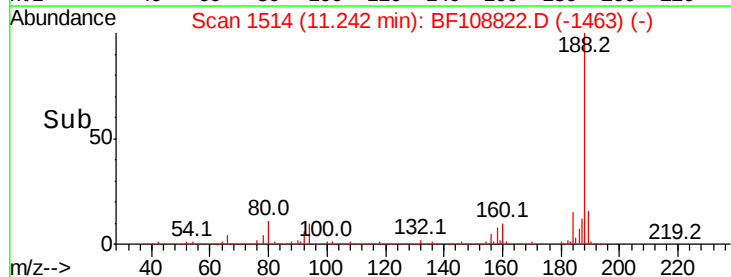
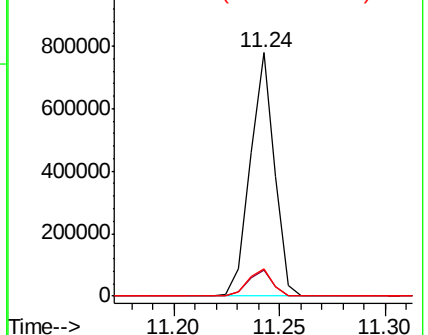
80 11.2 9.2 13.8

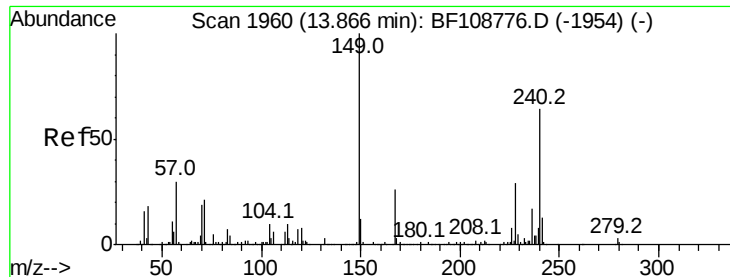


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

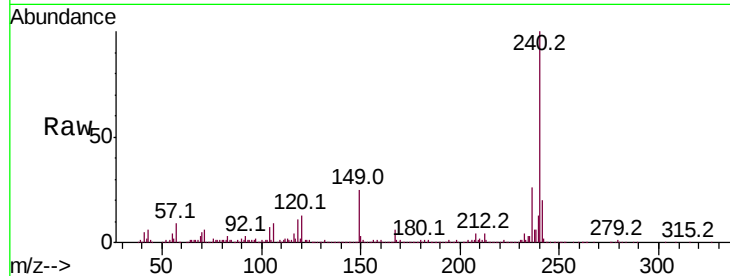




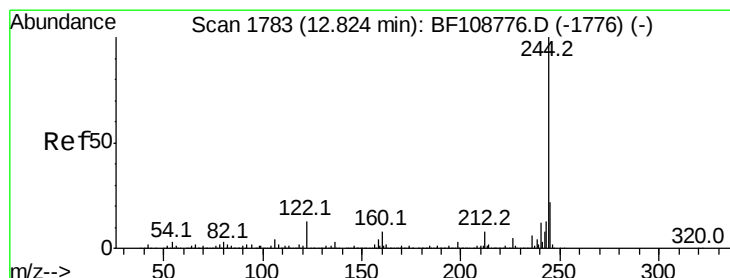
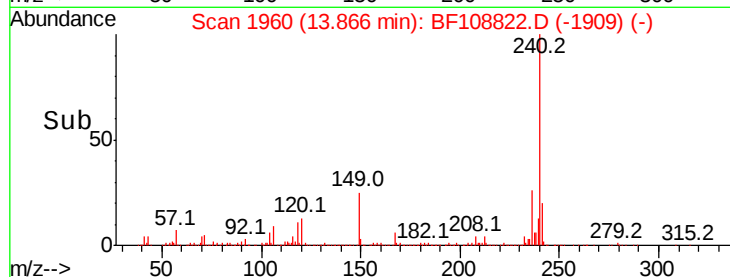
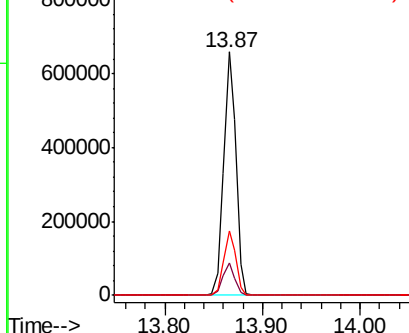
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108822.D
Acq: 6 Sep 2018 13:25

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-8USTS-E

Tot Ion:240 Resp: 574390
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.4 20.7 31.1

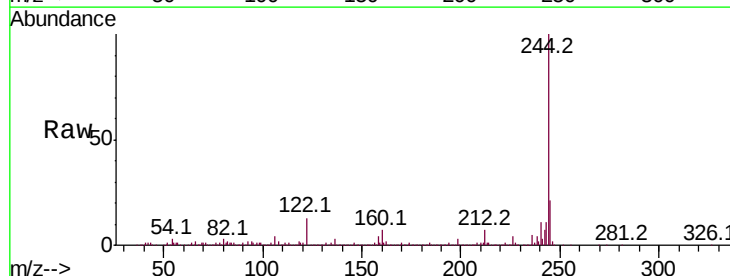


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

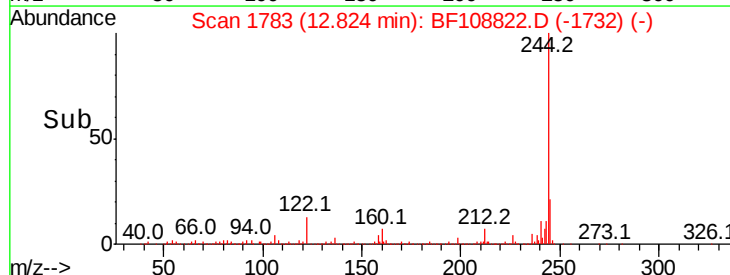
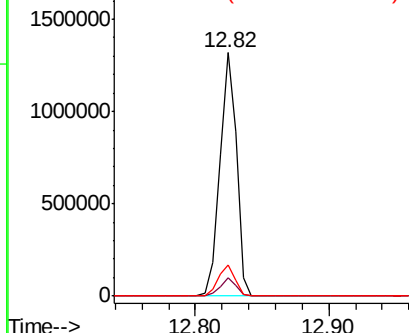


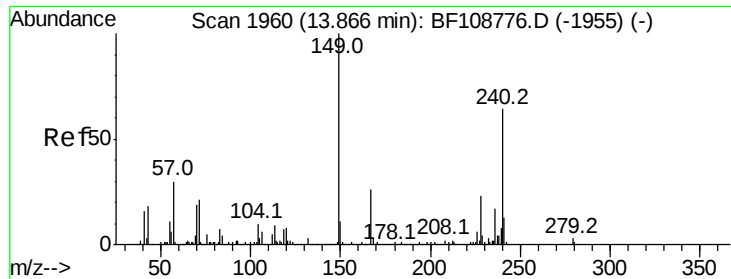
#78
Terphenyl-d14
Concen: 47.182 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108822.D
Acq: 6 Sep 2018 13:25

Tgt Ion:244 Resp: 1162185
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 12.7 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

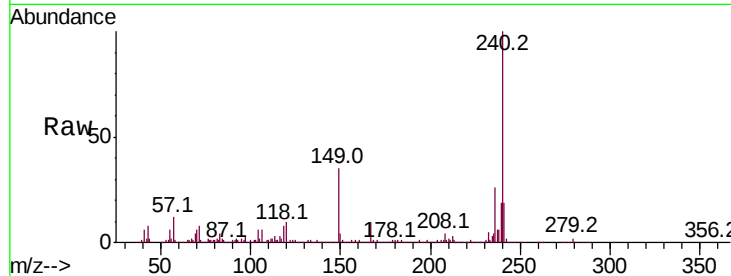




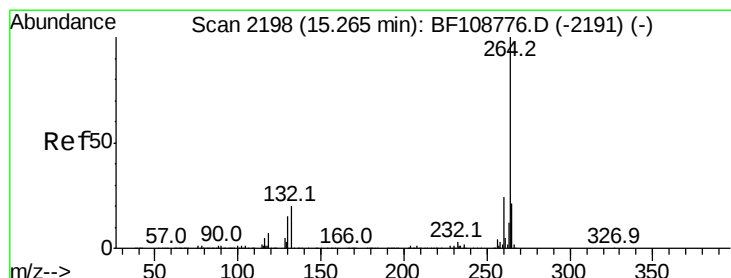
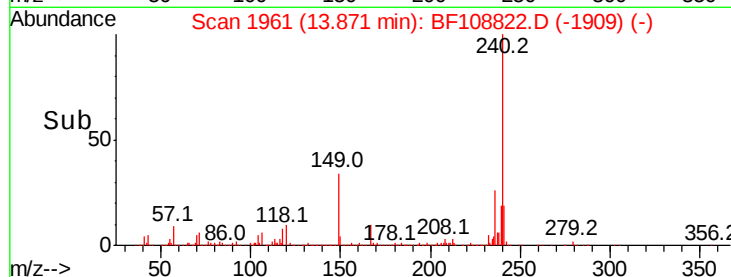
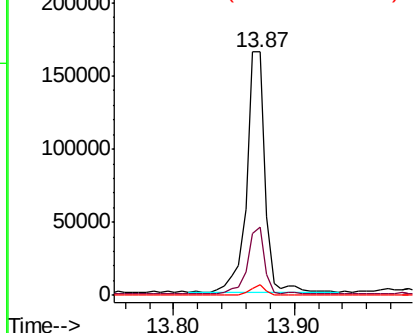
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.945 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-8USTS-E

Tot Ion:149 Resp: 173710
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 4.4 3.0 4.4

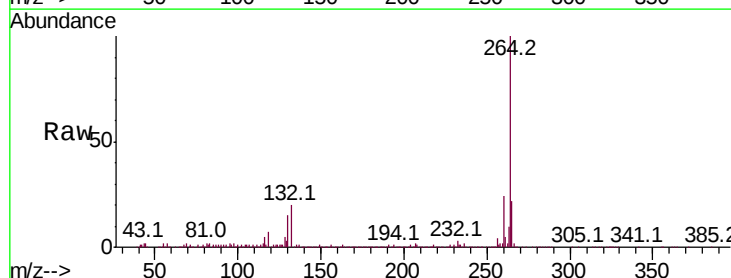


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108822.D
 Acq: 6 Sep 2018 13:25

Tgt Ion:264 Resp: 509527
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.4 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

