

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095635.D
 Acq On : 2 Jun 2017 15:48
 Operator : SJ/MA
 Sample : I3415-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 03 01:30:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

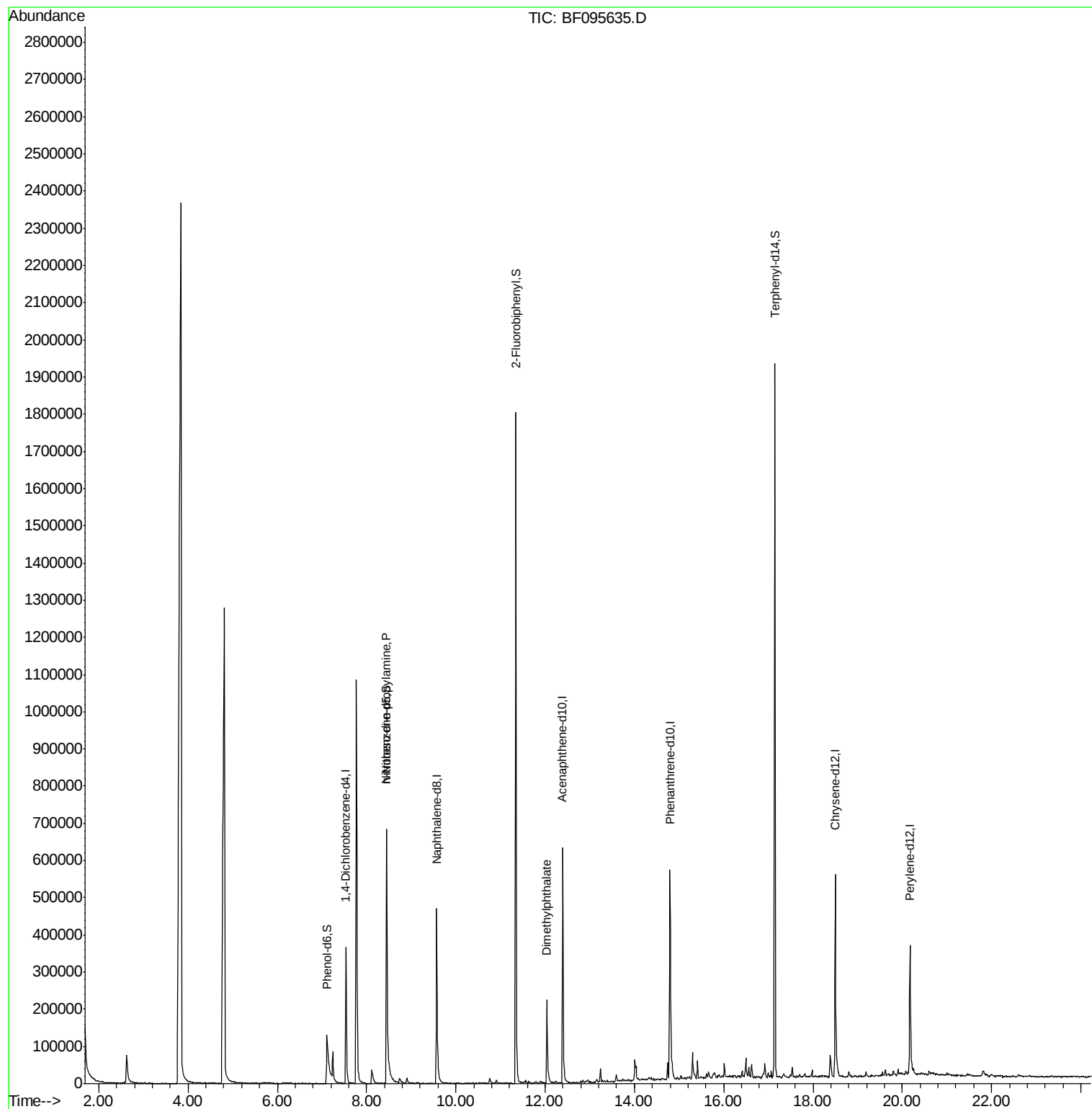
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	93090	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	383372	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	180993	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	353450	20.00	ng	0.00
75) Chrysene-d12	18.50	240	277211	20.00	ng	0.00
86) Perylene-d12	20.17	264	198660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1674	0.30	ng	0.25
7) Phenol-d6	7.12	99	173525	25.90	ng	0.02
23) Nitrobenzene-d5	8.45	82	422449	69.49	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.35	172	861271	68.49	ng	0.00
78) Terphenyl-d14	17.14	244	728914	57.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	51607	11.39	ng	Qvalue # 74
49) Dimethylphthalate	12.04	163	171627	11.55	ng	98

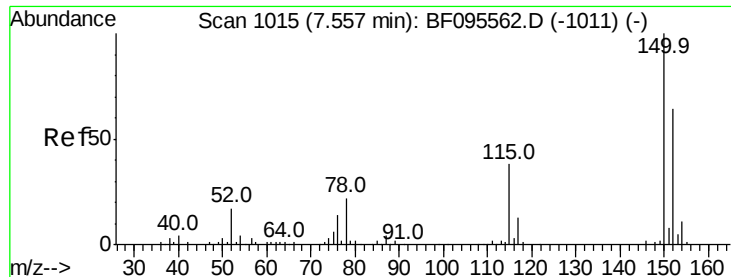
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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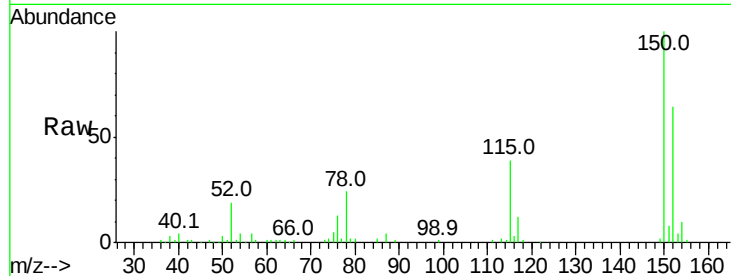


#1

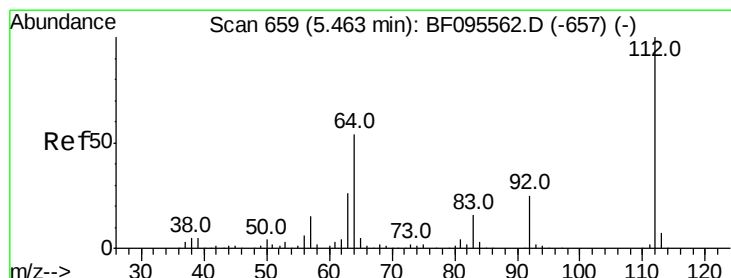
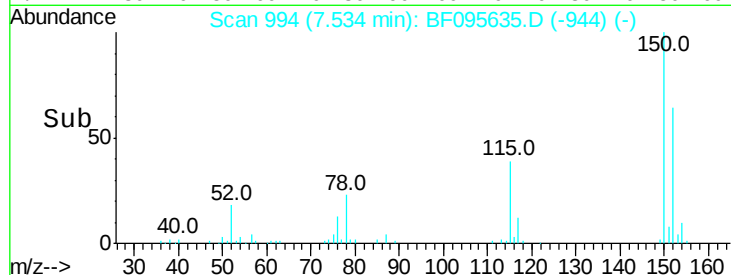
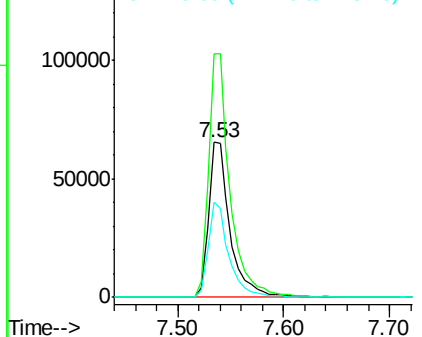
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93090
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.2 52.2 78.2



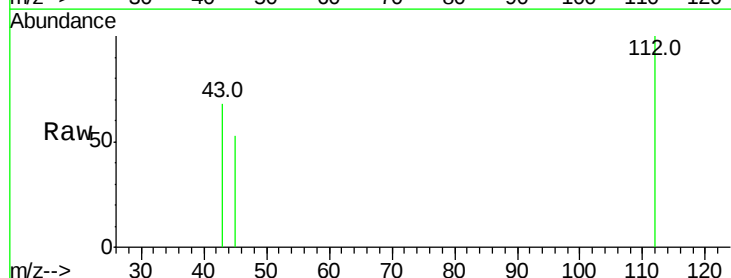
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



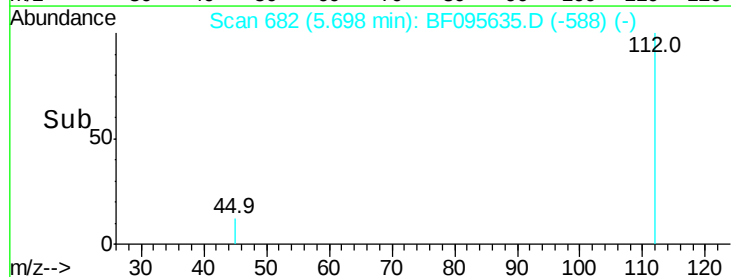
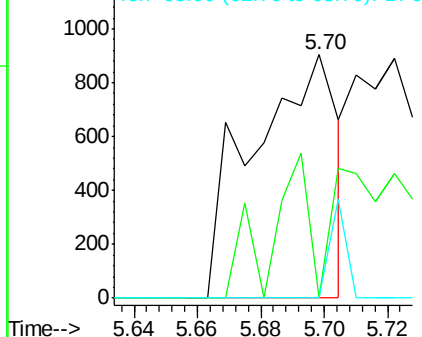
#5

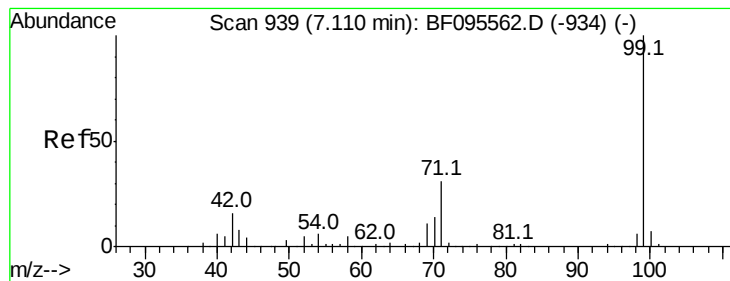
2-Fluorophenol
Concen: 0.30 ng
RT: 5.70 min Scan# 682
Delta R.T. 0.25 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Tgt Ion:112 Resp: 1674
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 23.4 35.0#



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: 25.90 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

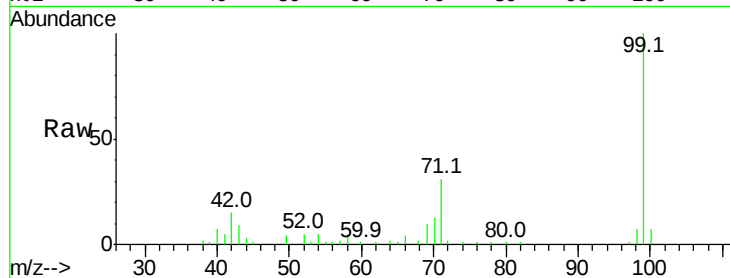
Tot Ion: 99 Resp: 173525

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

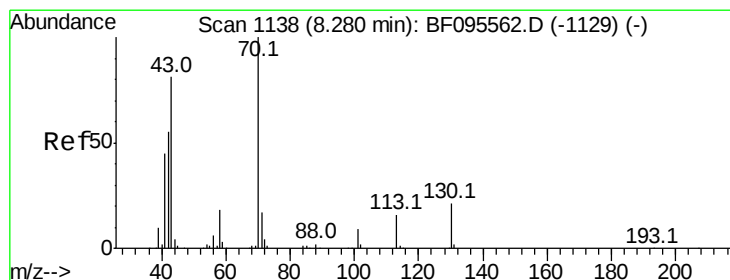
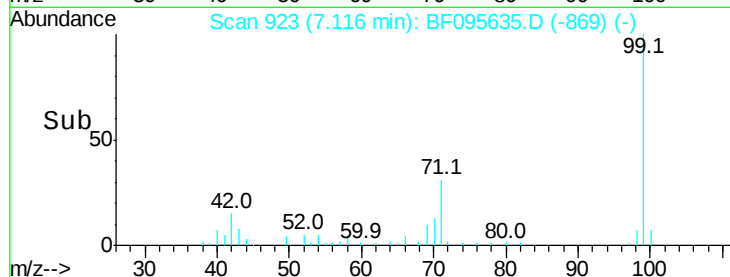
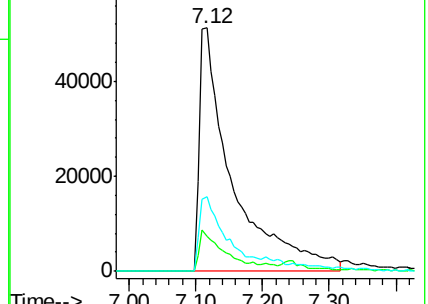
71 30.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.39 ng

RT: 8.45 min Scan# 1149

Delta R.T. 0.18 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Tgt Ion: 70 Resp: 51607

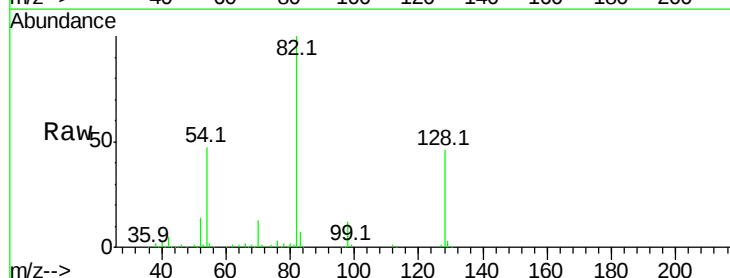
Ion Ratio Lower Upper

70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

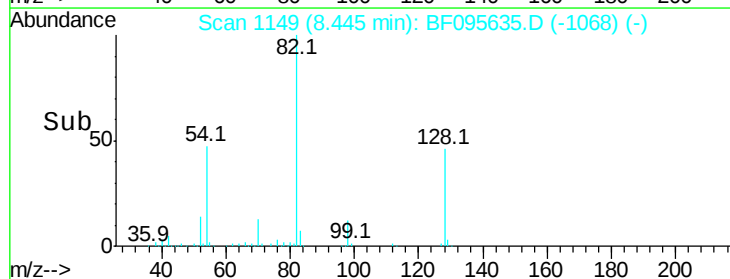
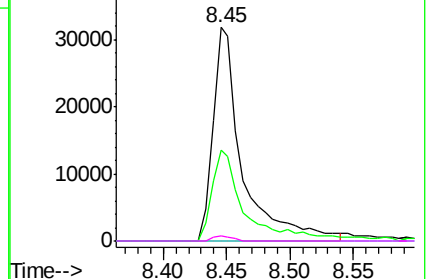


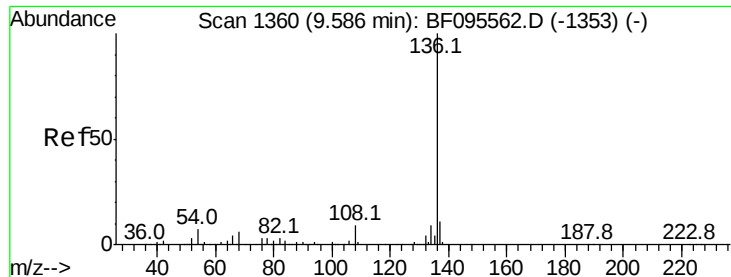
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 383372

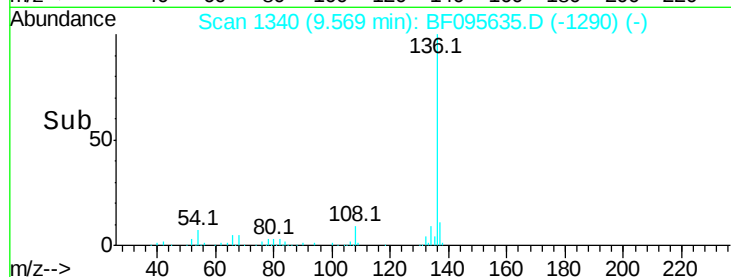
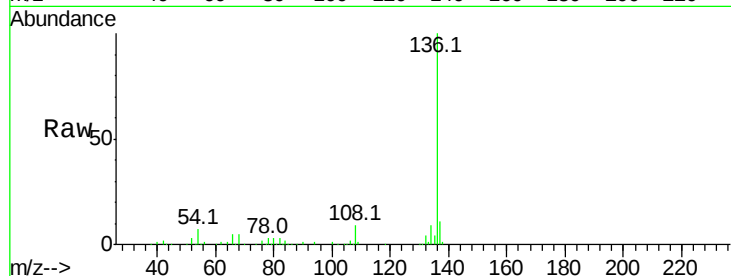
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.4 4.1 6.1

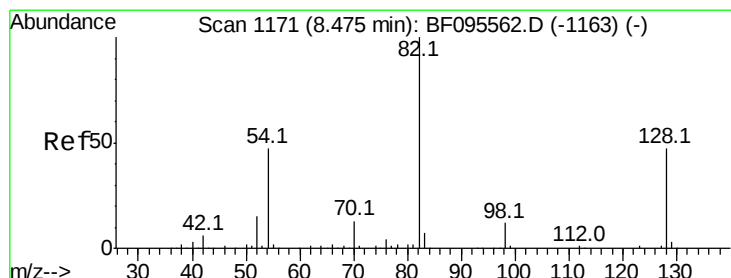
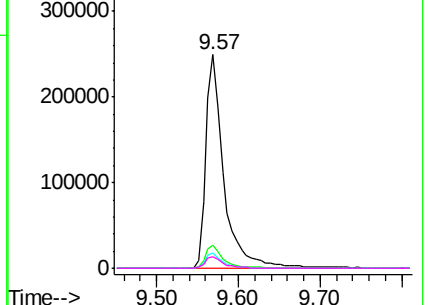


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.49 ng

RT: 8.45 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

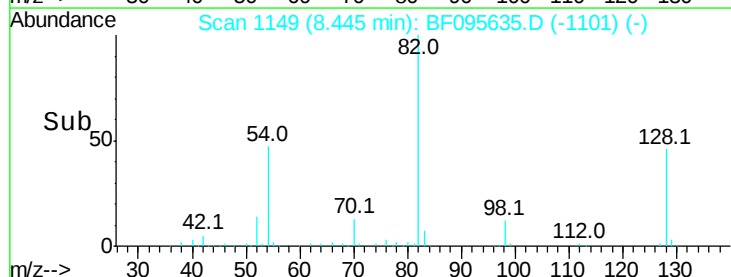
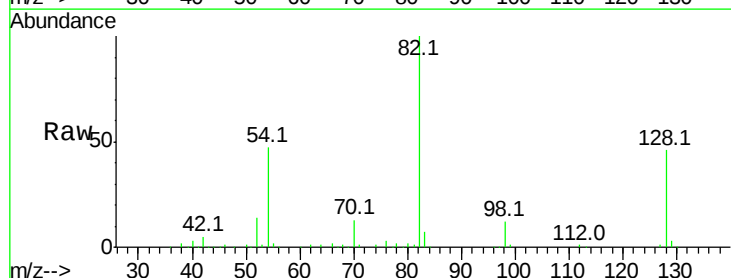
Tgt Ion: 82 Resp: 422449

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

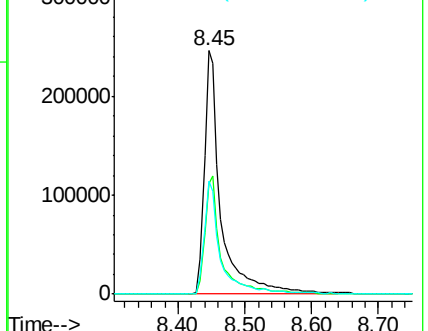
54 46.6 42.2 63.2

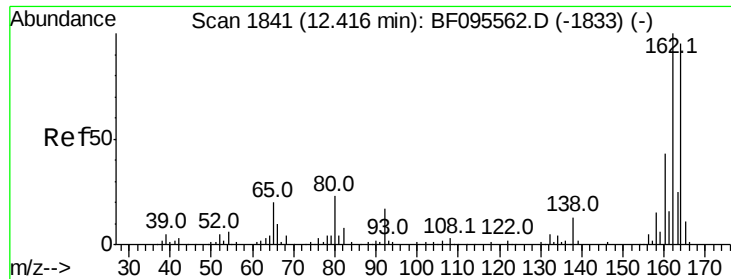


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

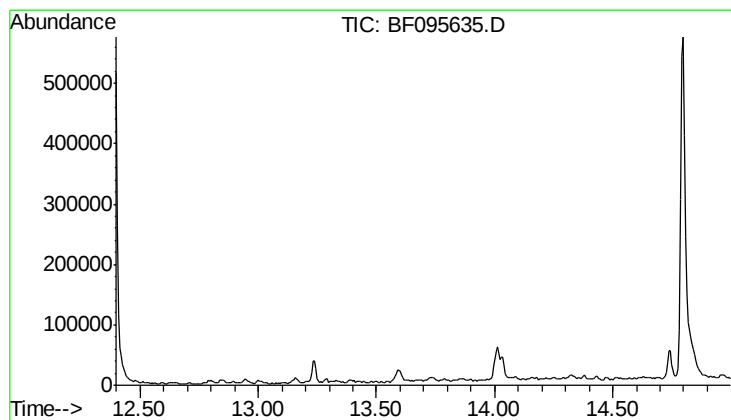
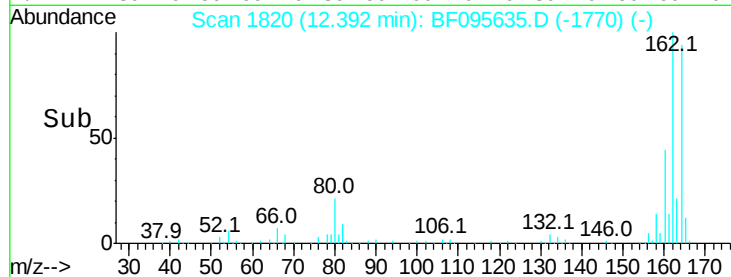
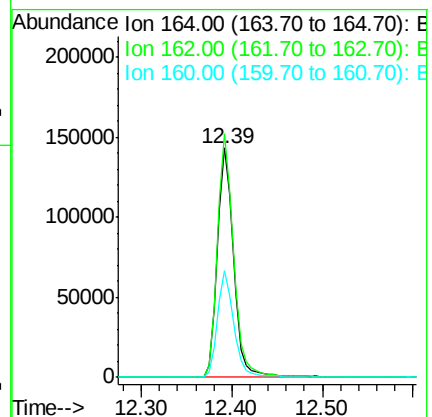
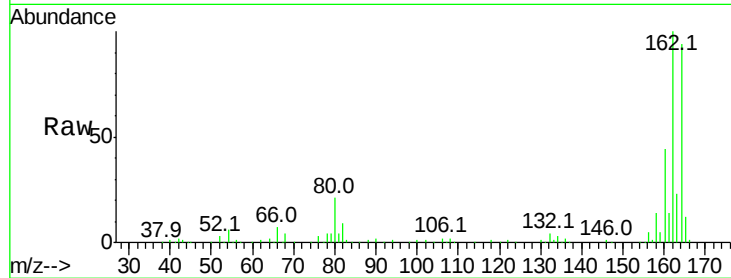
Tot Ion:164 Resp: 180993

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

160 46.3 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 13.70 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

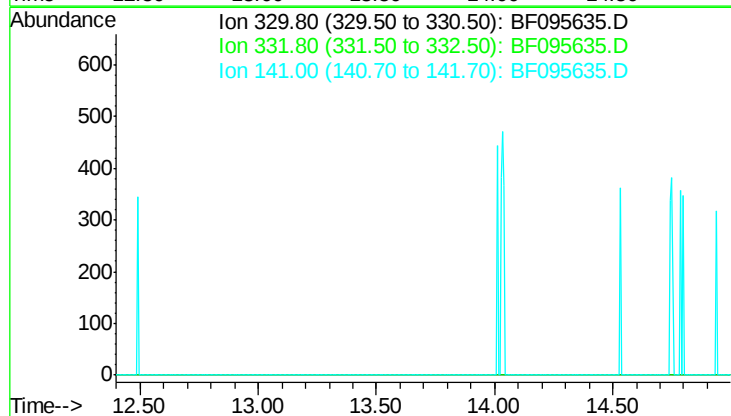
Tgt Ion: 330

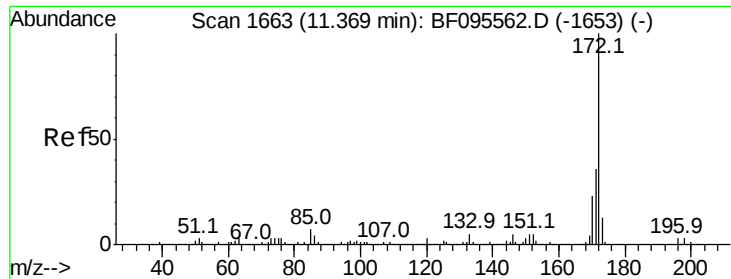
Sig Exp Ratio

330 100

332 95.8

141 39.3

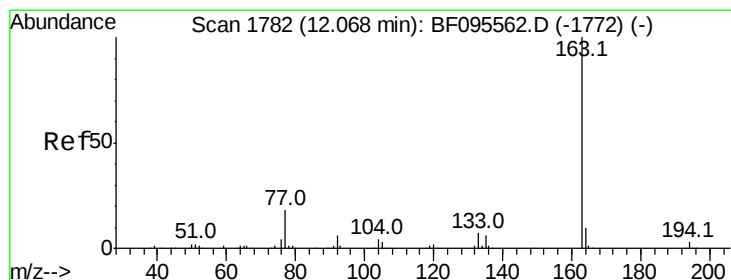
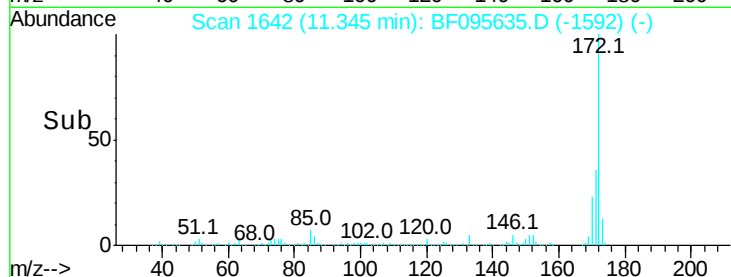
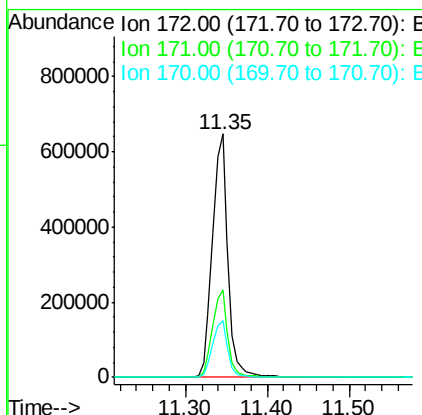
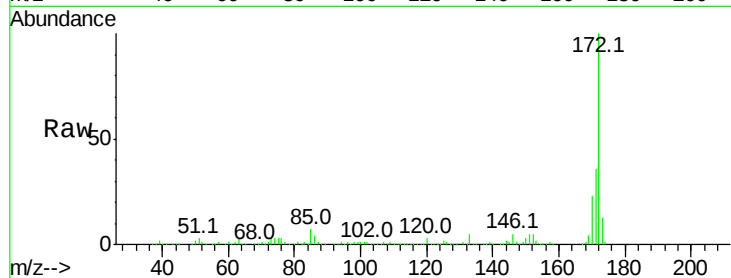




#44
2-Fluorobiphenyl
Concen: 68.49 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

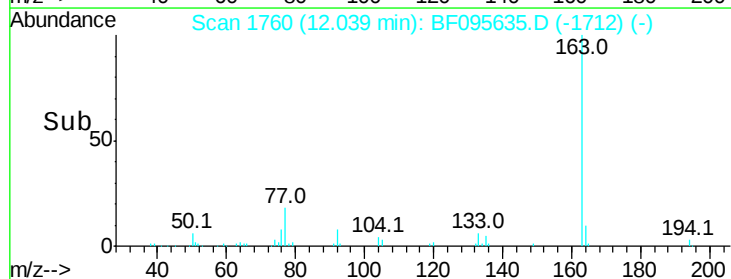
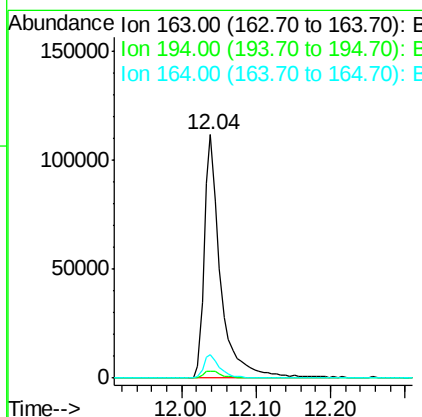
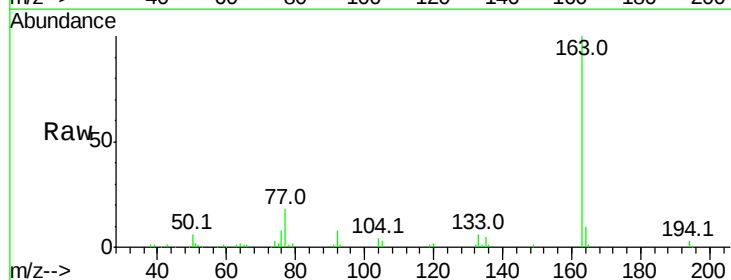
Instrument :
BNA_F
ClientSampleId :

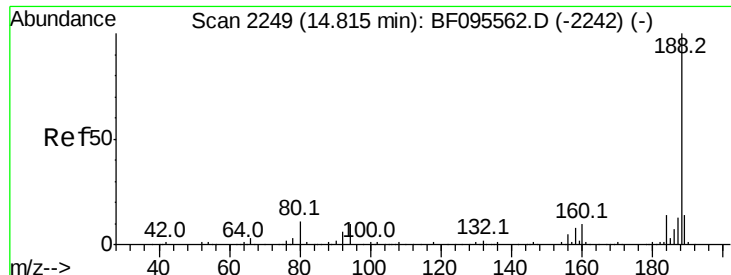
Tot Ion:172 Resp: 861271
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 11.55 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Tgt Ion:163 Resp: 171627
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.8 8.4 12.6

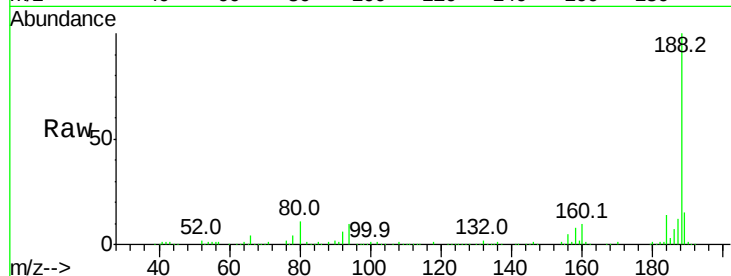




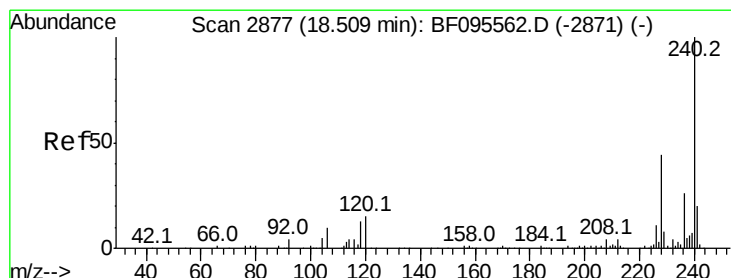
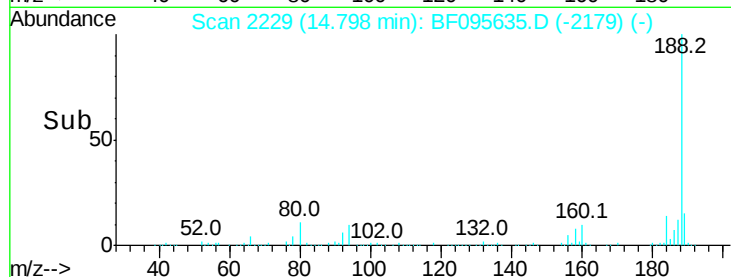
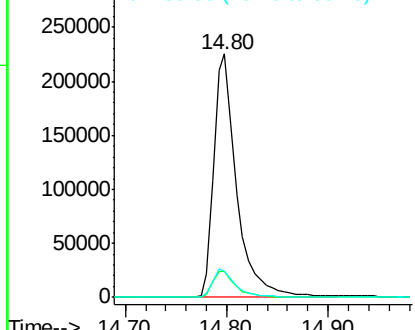
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 353450
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2

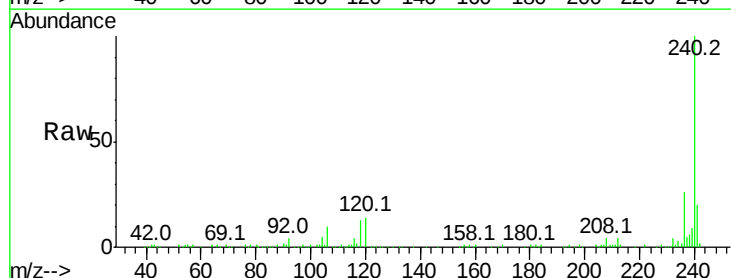


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

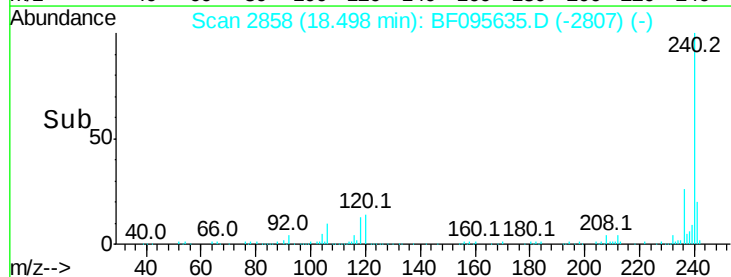
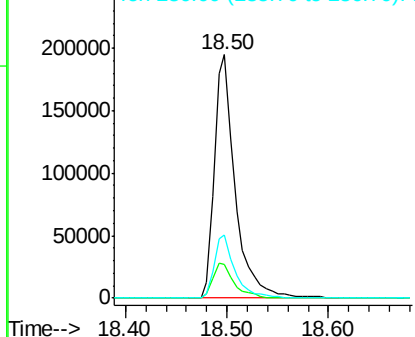


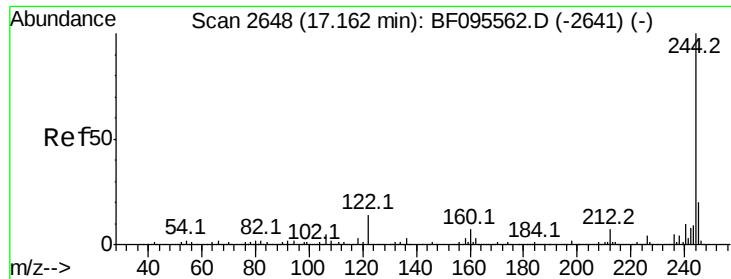
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Tgt Ion:240 Resp: 277211
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 26.2 20.5 30.7



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

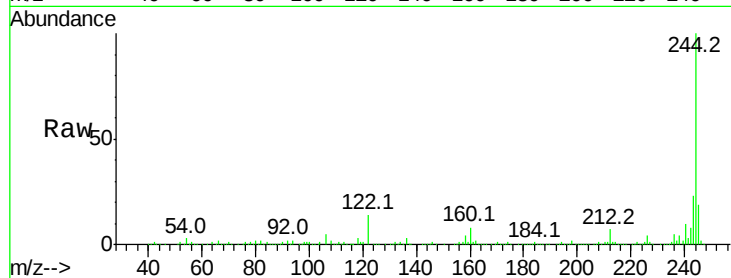




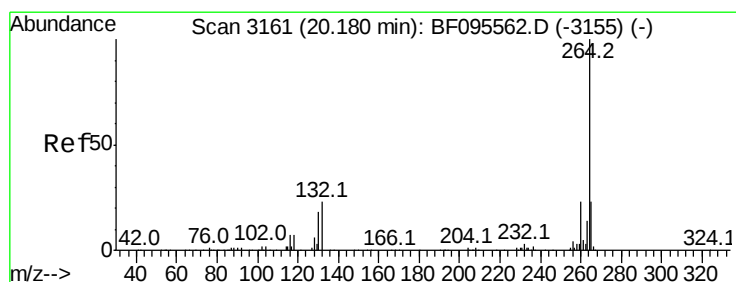
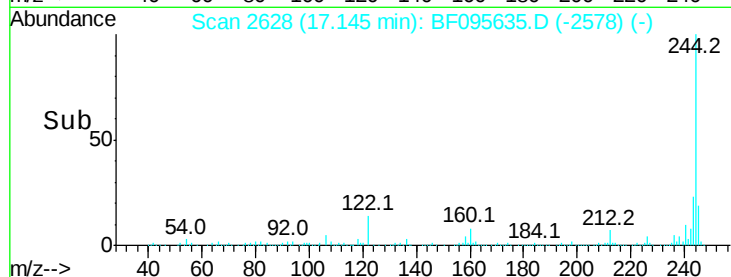
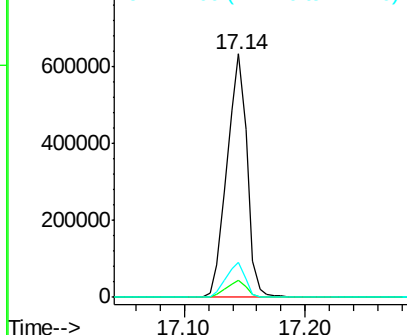
#78
 Terphenyl-d14
 Concen: 57.92 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095635.D
 Acq: 2 Jun 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 728914
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.4 10.3 15.5

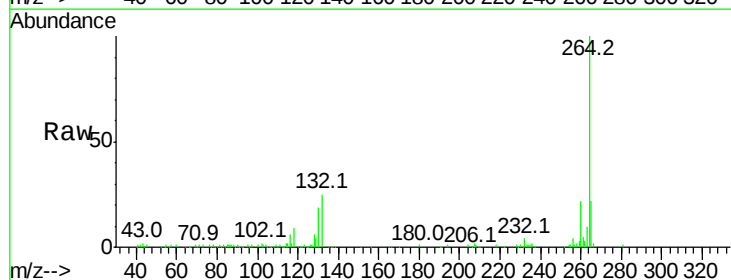


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BF095635.D
 Acq: 2 Jun 2017 15:48

Tgt Ion:264 Resp: 198660
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.6 17.2 25.8



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

