

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099175.D
 Acq On : 7 Oct 2017 4:43
 Operator : SJ/JU
 Sample : I5542-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 05:09:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

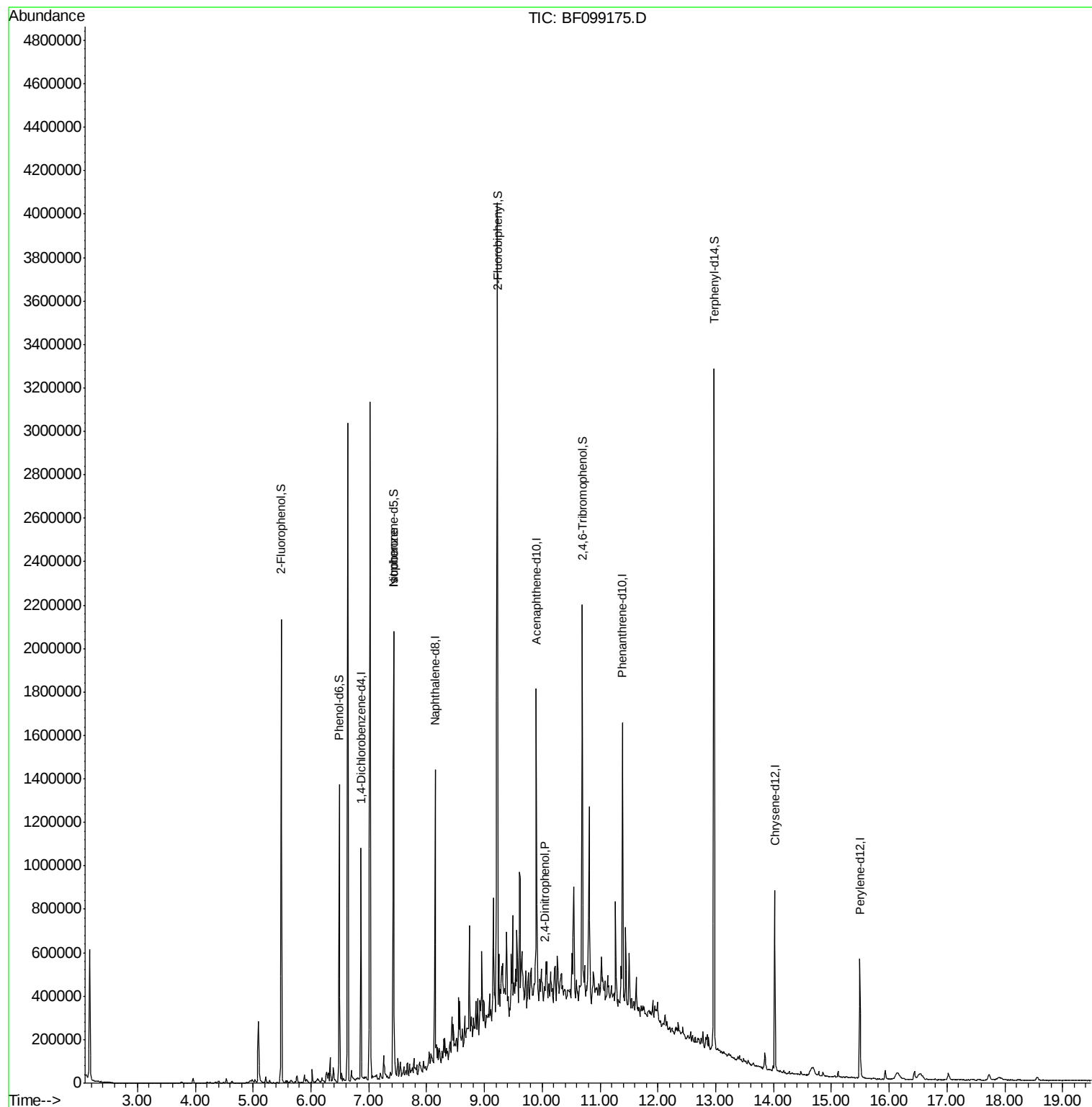
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146153	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589728	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	273856	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	451707	20.00	ng	0.00
75) Chrysene-d12	14.02	240	255888	20.00	ng	-0.01
86) Perylene-d12	15.49	264	232092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601539	65.52	ng	0.00
7) Phenol-d6	6.49	99	460724	40.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	853178	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	276740	123.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1486657	90.63	ng	0.00
78) Terphenyl-d14	12.97	244	1128479	100.29	ng	0.00
Target Compounds						
25) Isophorone	7.43	82	850866	44.75	ng	# 64
53) 2,4-Dinitrophenol	10.05	184	904	6.19	ng	# 65

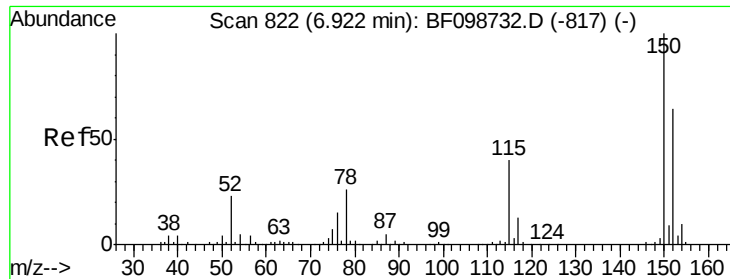
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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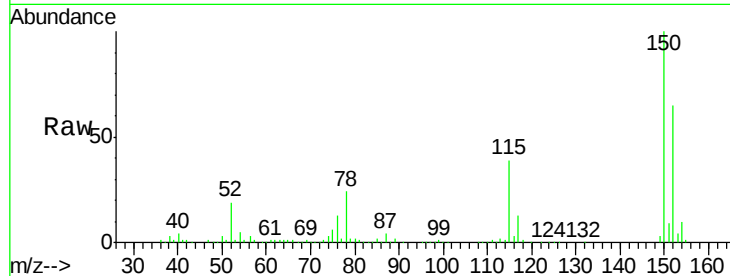




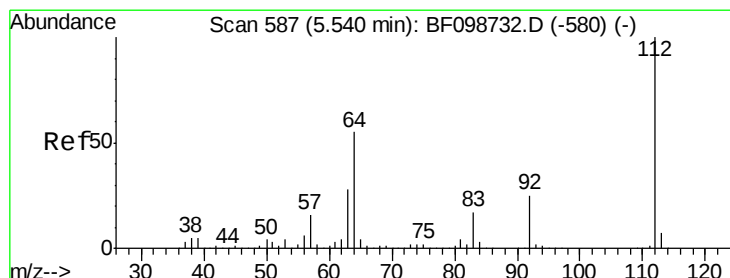
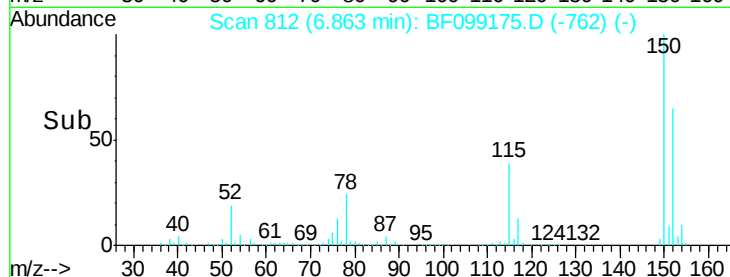
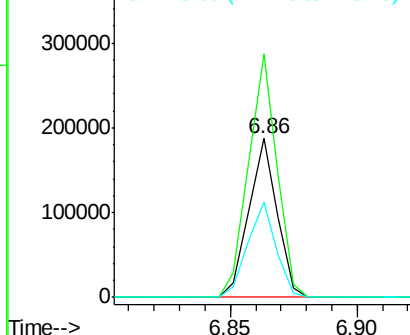
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099175.D
 Acq: 7 Oct 2017 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 146153
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 59.7 50.1 75.1

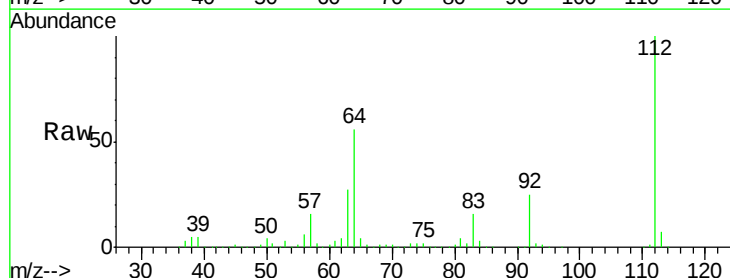


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

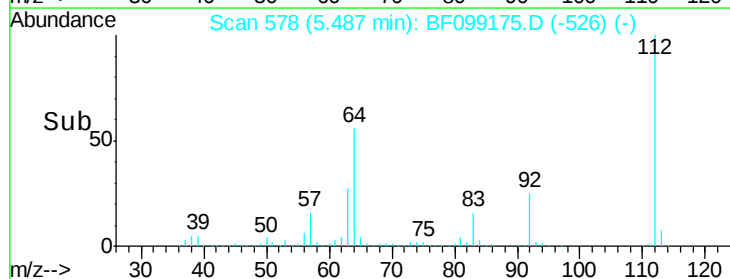
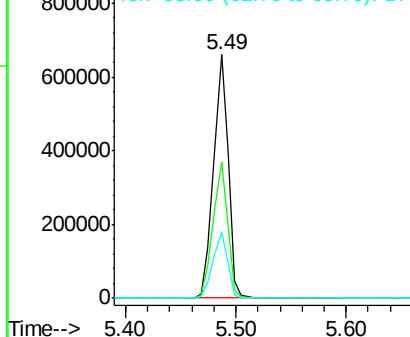


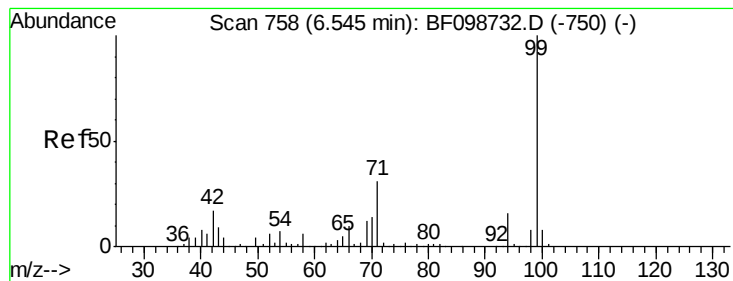
#5
 2-Fluorophenol
 Concen: 65.52 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099175.D
 Acq: 7 Oct 2017 4:43

Tgt Ion:112 Resp: 601539
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 27.1 23.7 35.5



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: 40.68 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

Instrument :

BNA_F

ClientSampleId :

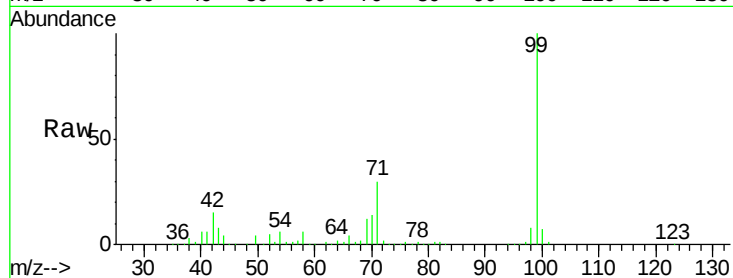
Tot Ion: 99 Resp: 460724

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

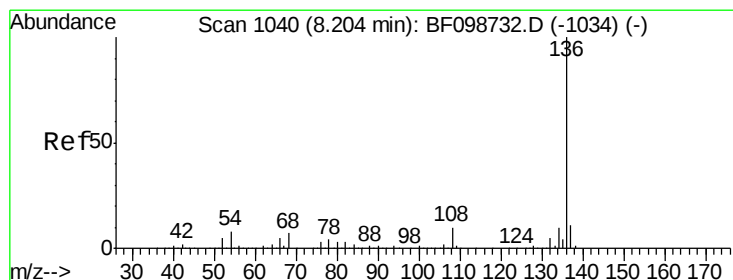
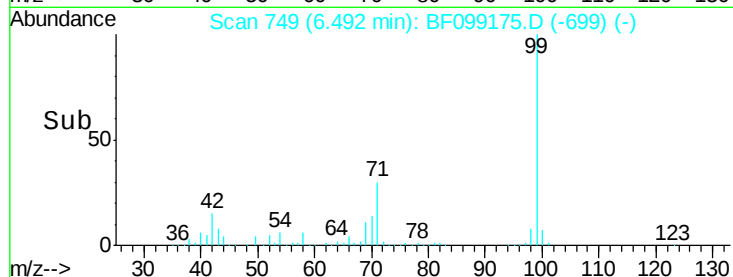
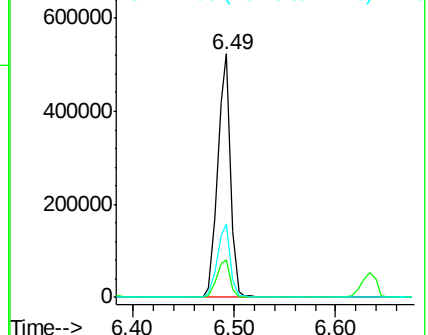
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

Tgt Ion: 136 Resp: 589728

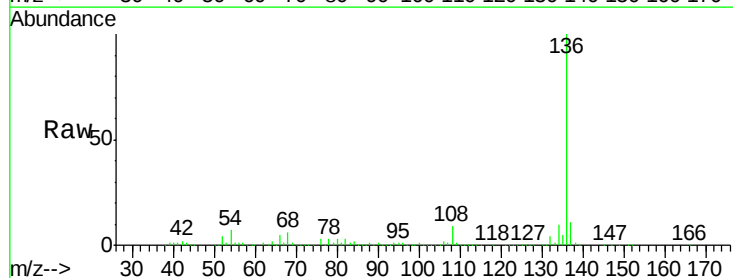
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

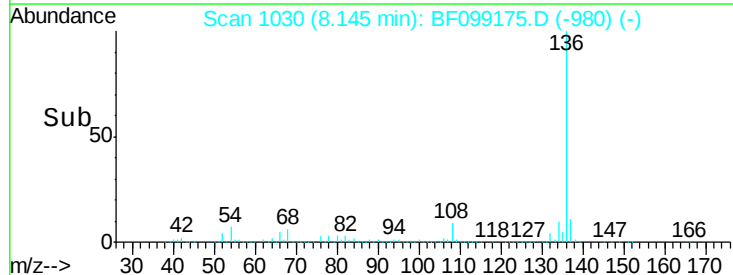
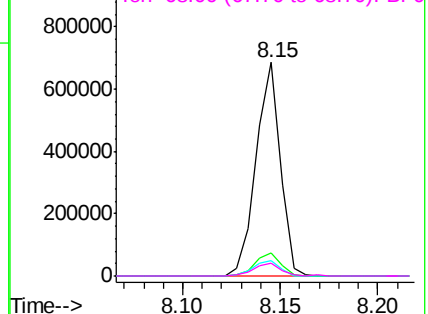


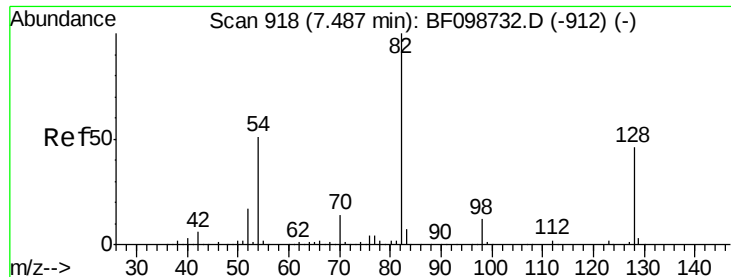
Abundance Ion 136.00 (135.70 to 136.70): E

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

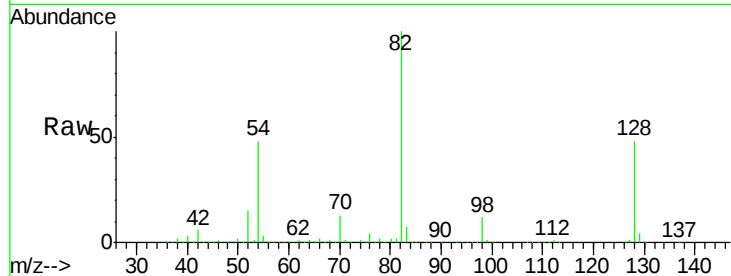




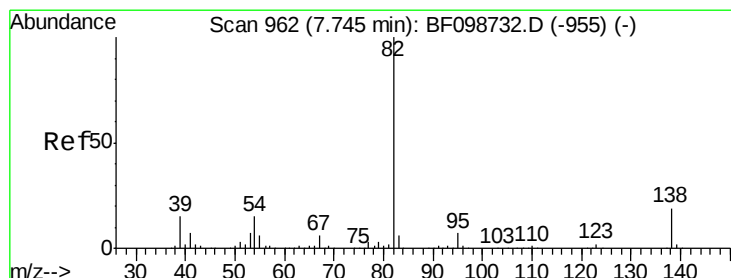
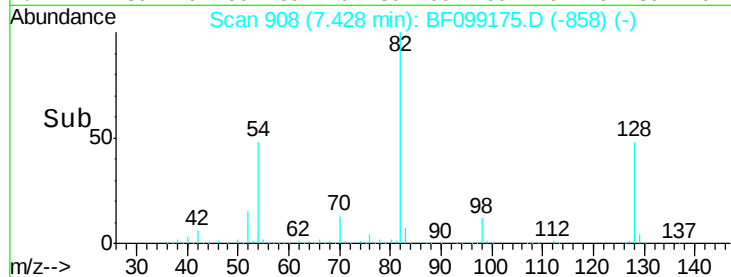
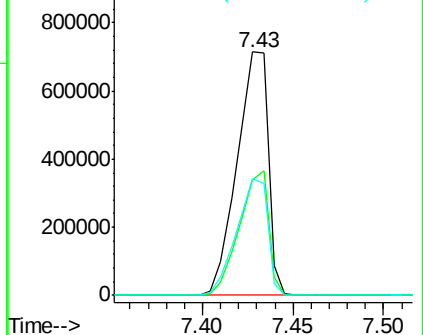
#23
 Nitrobenzene-d5
 Concen: 92.78 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099175.D
 Acq: 7 Oct 2017 4:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	853178
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	47.9	41.4	62.2

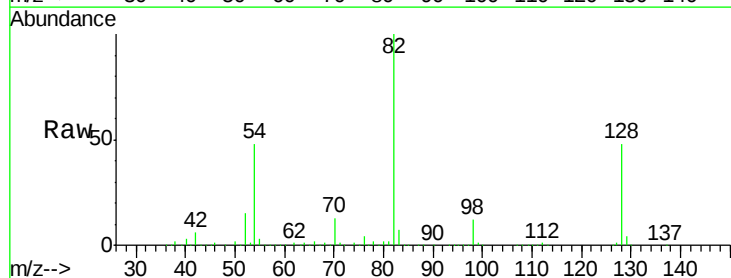


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

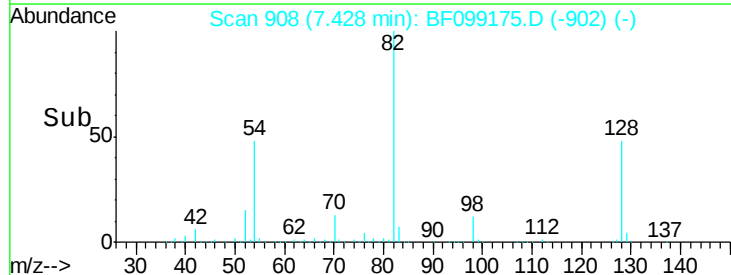
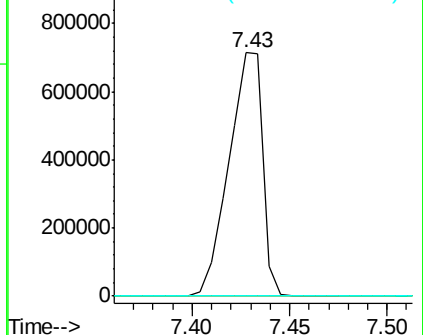


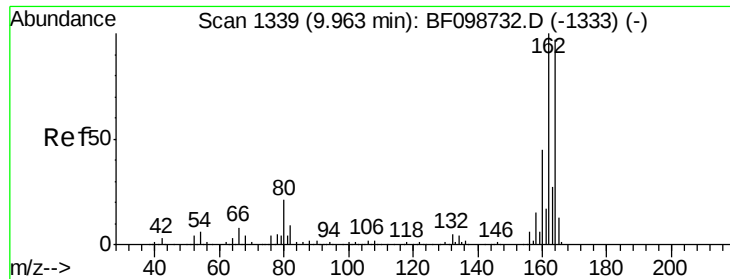
#25
 Isophorone
 Concen: 44.75 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099175.D
 Acq: 7 Oct 2017 4:43

Tgt Ion	82	Resp	850866
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

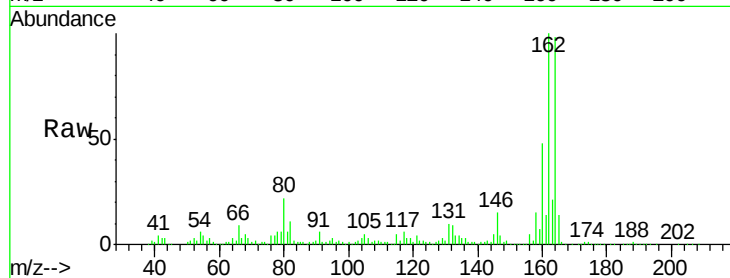




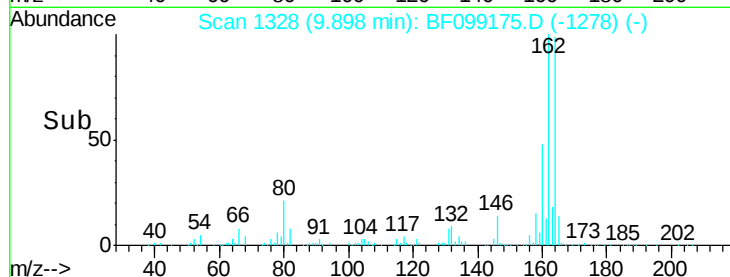
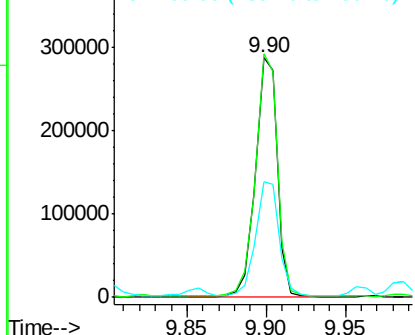
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 273856
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 48.6 38.3 57.5

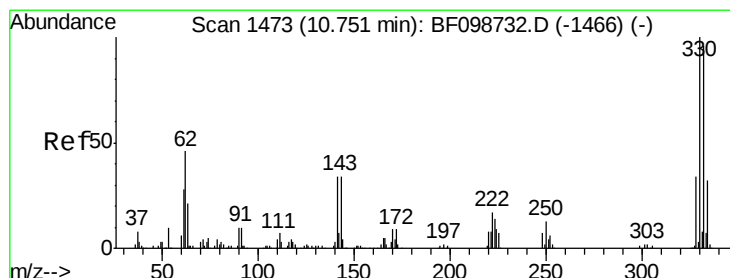


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

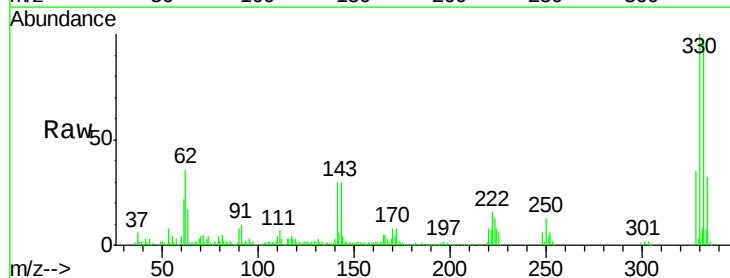
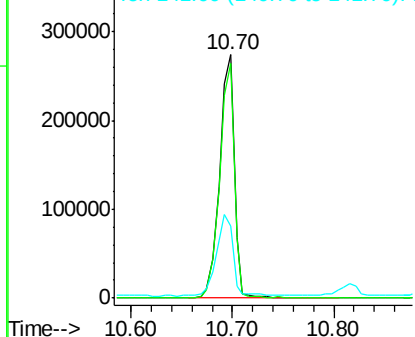


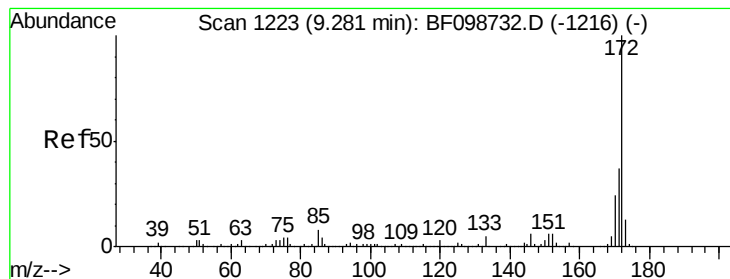
#41
2,4,6-Tribromophenol
Concen: 123.50 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:330 Resp: 276740
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 37.8 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: 90.63 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

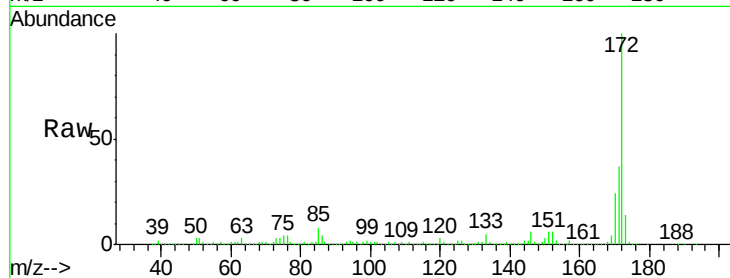
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1486657

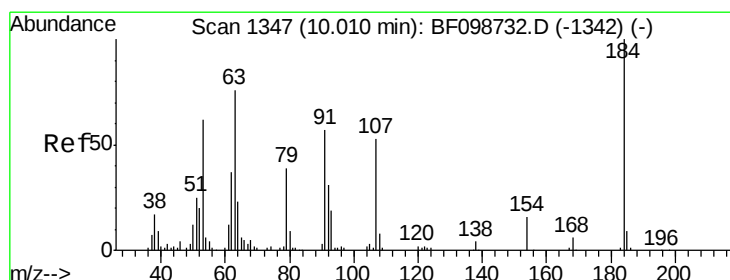
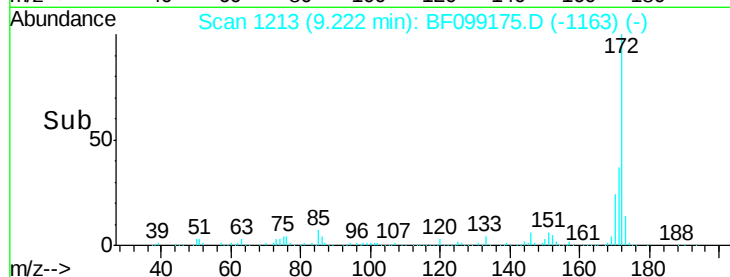
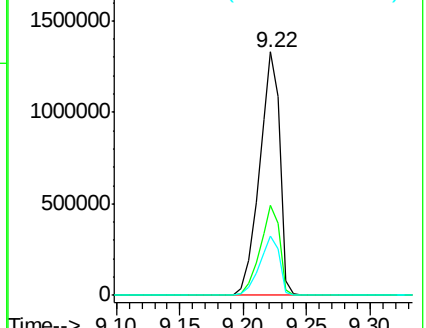
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4



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



#53

2,4-Dinitrophenol

Concen: 6.19 ng

RT: 10.05 min Scan# 1353

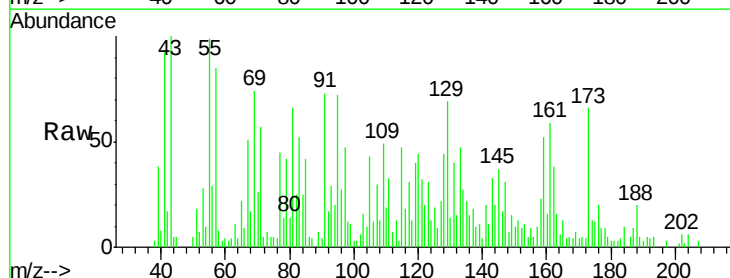
Delta R.T. 0.08 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

Tgt Ion:184 Resp: 904

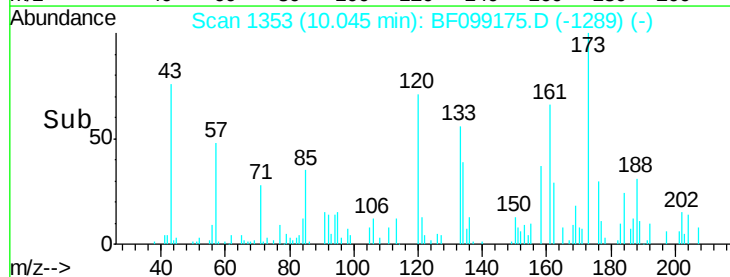
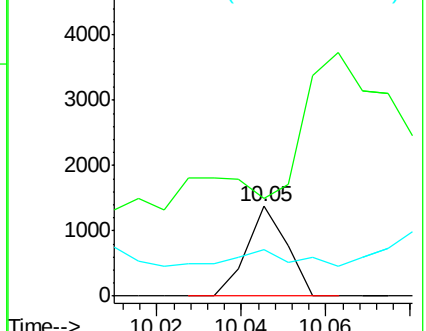
Ion	Ratio	Lower	Upper
184	100		
63	108.9	54.2	81.2#
154	51.3	53.5	80.3#

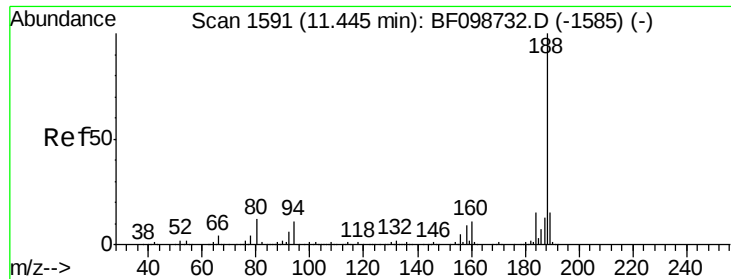


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

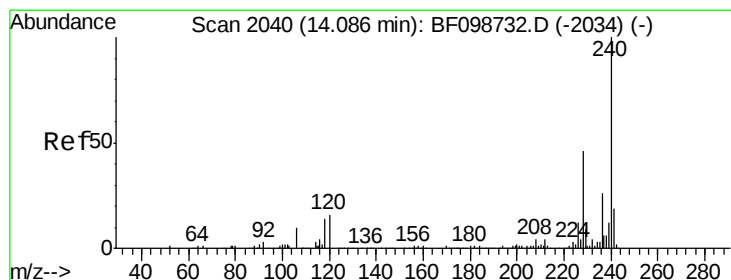
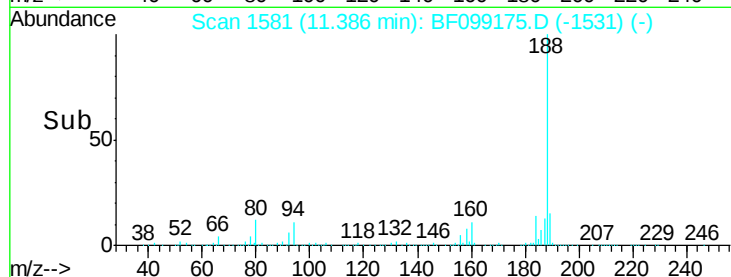
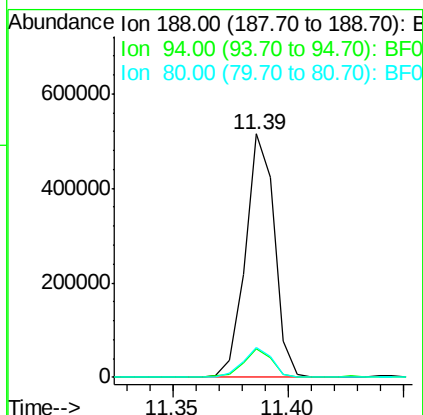
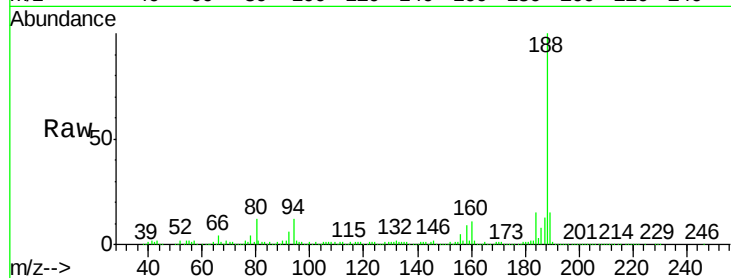




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

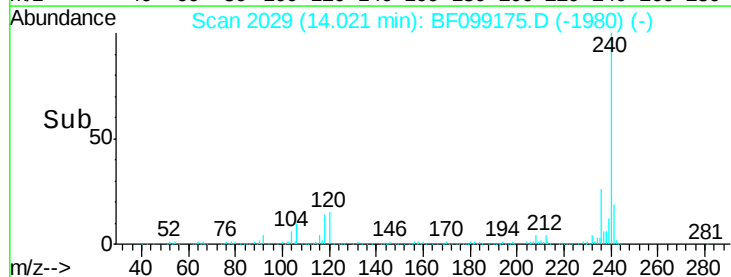
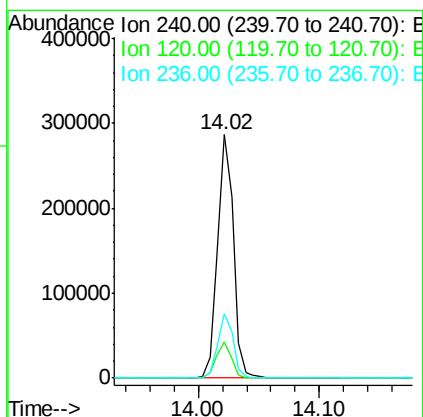
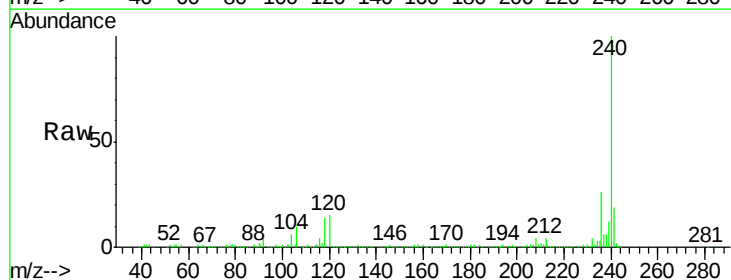
Instrument :
BNA_F
ClientSampleId :

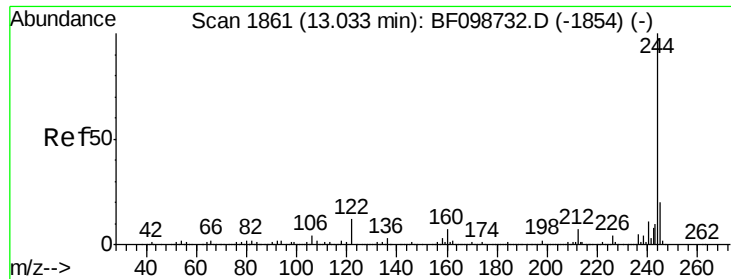
Tot Ion:188 Resp: 451707
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099175.D
Acq: 7 Oct 2017 4:43

Tgt Ion:240 Resp: 255888
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 100.29 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

Instrument :

BNA_F

ClientSampled :

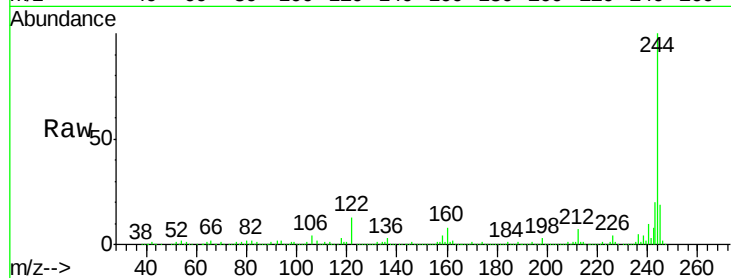
Tot Ion:244 Resp: 1128479

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

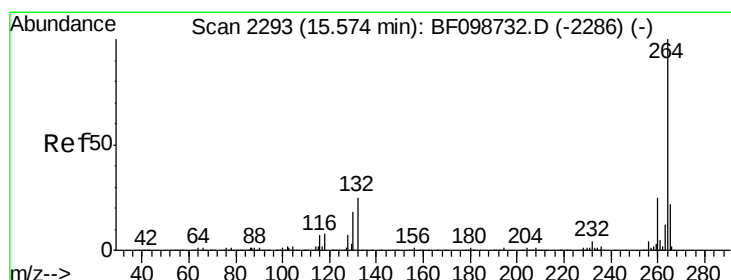
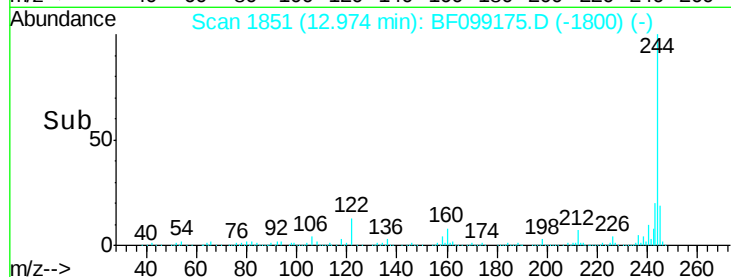
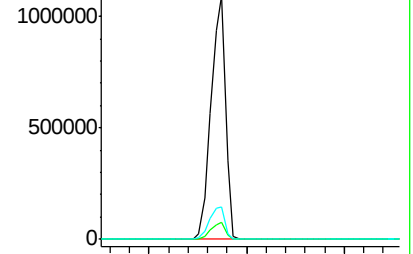
122 13.3 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF099175.D

Acq: 7 Oct 2017 4:43

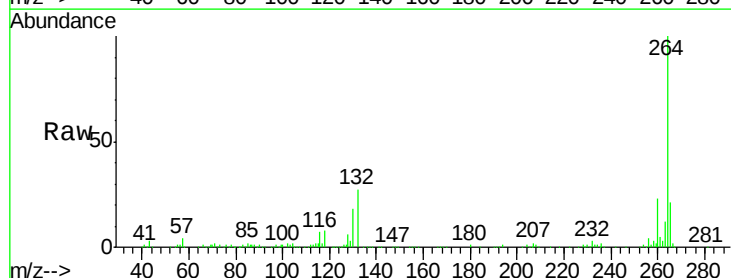
Tgt Ion:264 Resp: 232092

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 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

