

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095013.D
 Acq On : 9 May 2017 9:27
 Operator : SJ/MA
 Sample : I2947-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

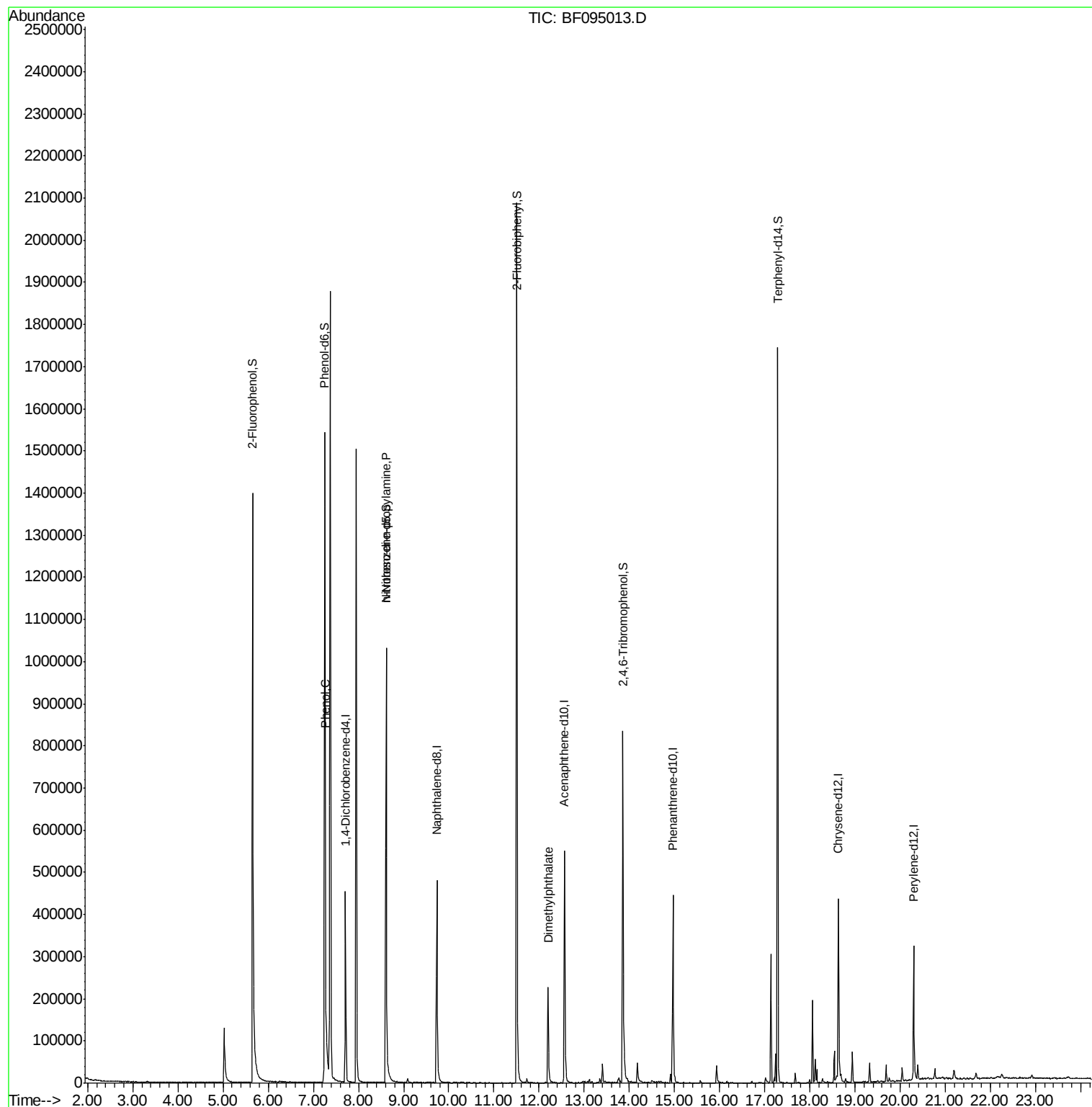
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94567	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	381263	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	168307	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	254626	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	209059	20.00	ng	-0.02
86) Perylene-d12	20.30	264	152130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	712335	125.58	ng	-0.02
7) Phenol-d6	7.25	99	875532	128.65	ng	-0.02
23) Nitrobenzene-d5	8.61	82	506522	83.78	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	162691	118.03	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	929988	79.53	ng	-0.02
78) Terphenyl-d14	17.29	244	626812	66.04	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	23789	3.32	ng	# 72
19) n-Nitroso-di-n-propylamine	8.61	70	64497	14.01	ng	# 73
49) Dimethylphthalate	12.20	163	167164	12.10	ng	98

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

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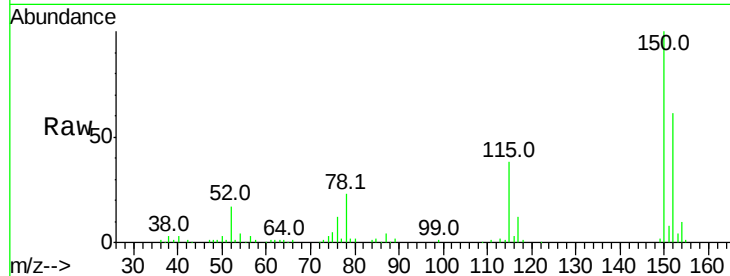


#1

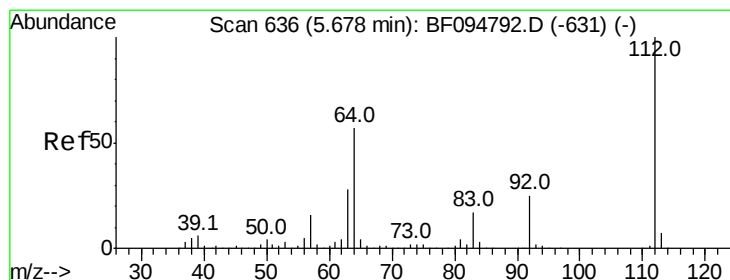
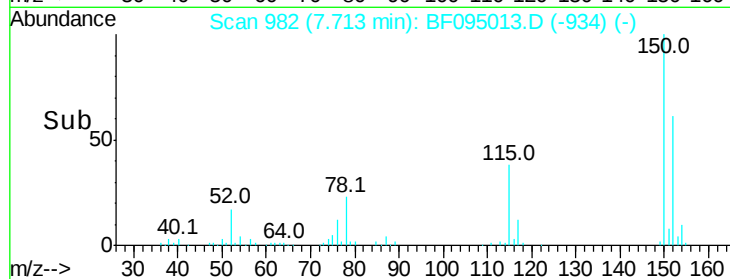
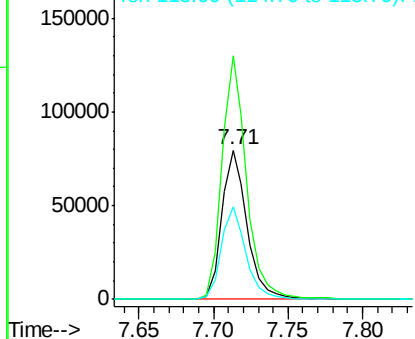
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94567
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 61.8 52.2 78.2



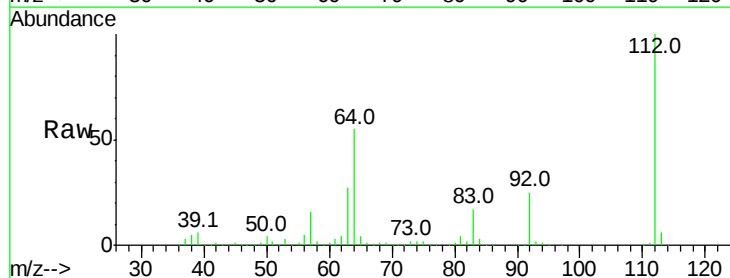
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



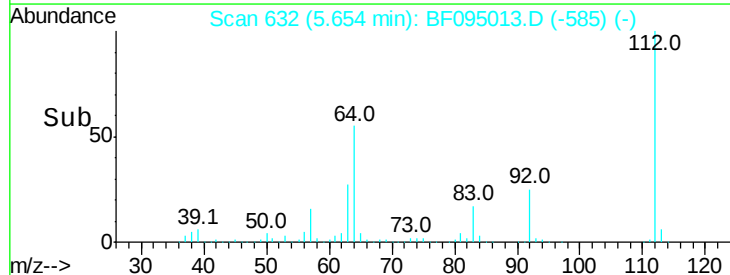
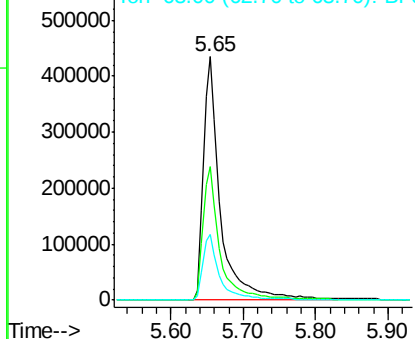
#5

2-Fluorophenol
Concen: 125.58 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Tgt Ion:112 Resp: 712335
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 27.0 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: 128.65 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

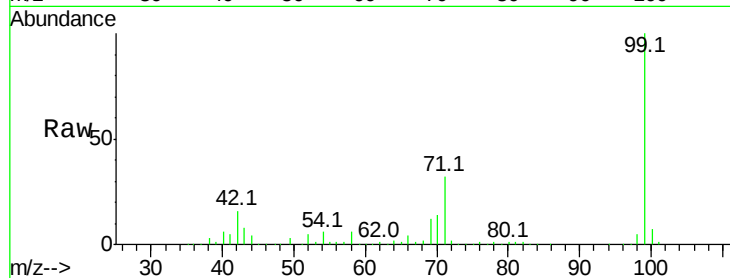
Tot Ion: 99 Resp: 875532

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

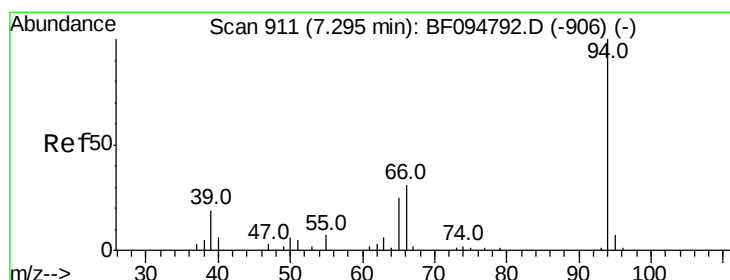
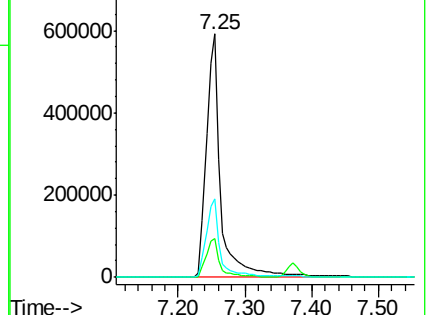
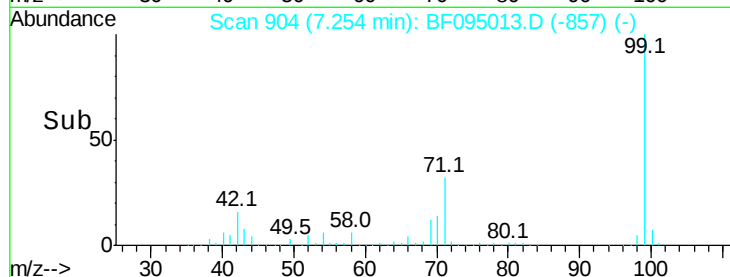
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 3.32 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

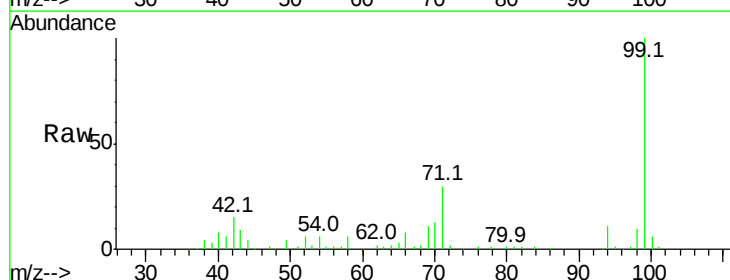
Tgt Ion: 94 Resp: 23789

Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

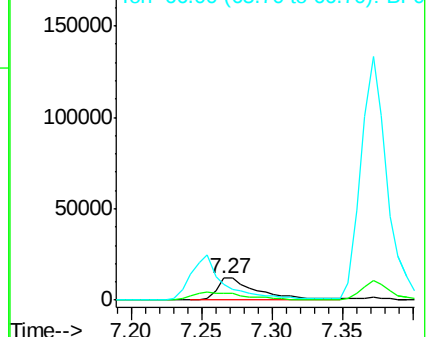
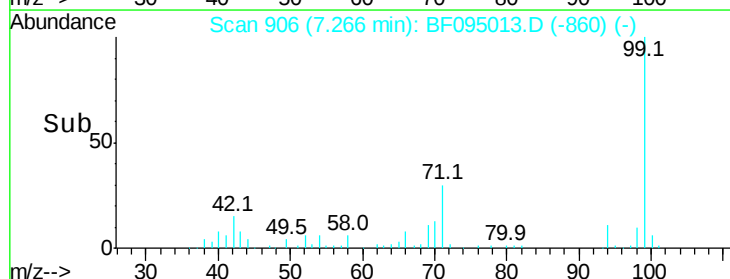
66 71.8 23.1 63.1#

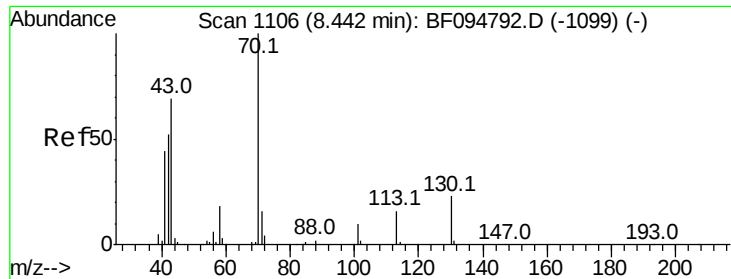


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

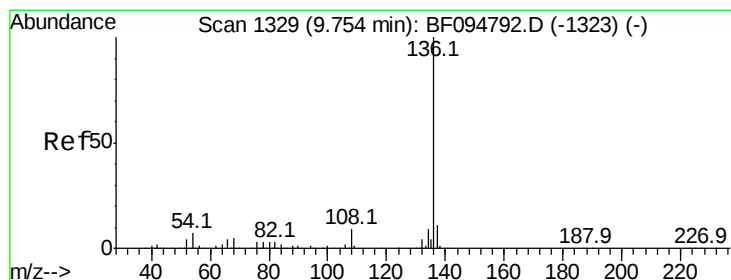
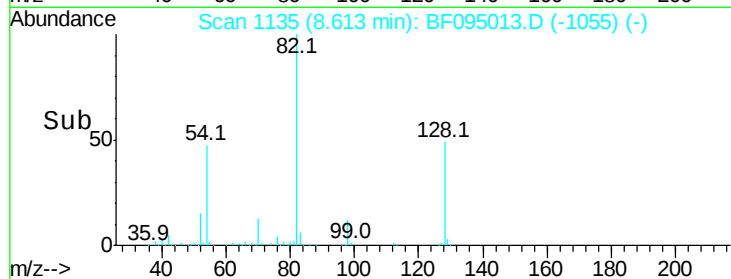
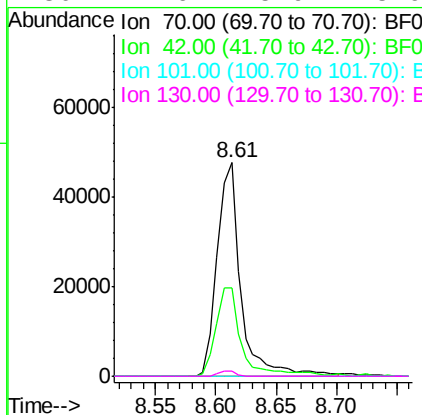
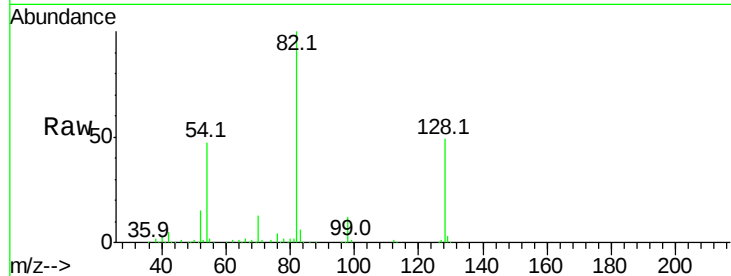




#19
n-Nitroso-di-n-propylamine
Concen: 14.01 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

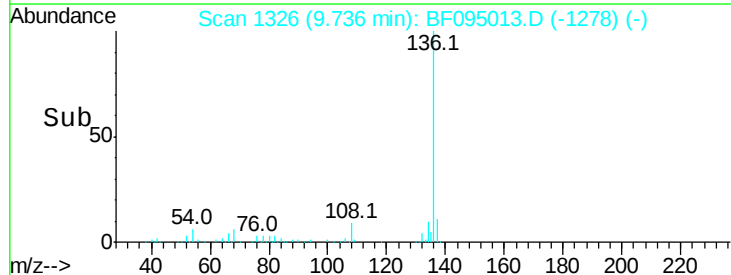
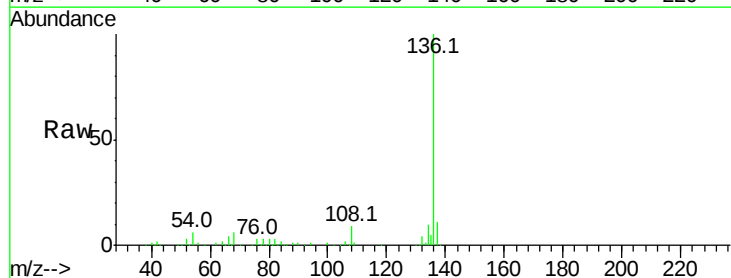
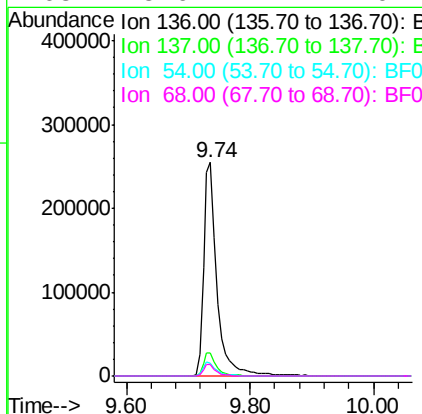
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 64497
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Tgt Ion: 136 Resp: 381263
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.3 4.9 7.3
68 5.6 4.1 6.1

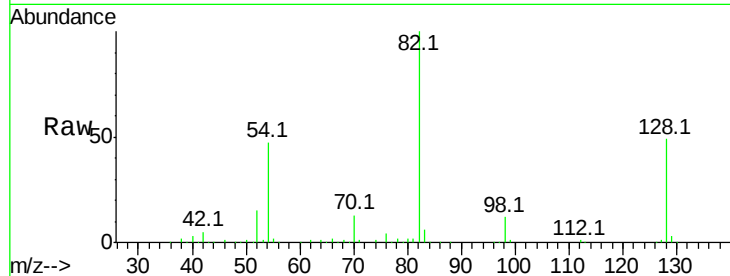




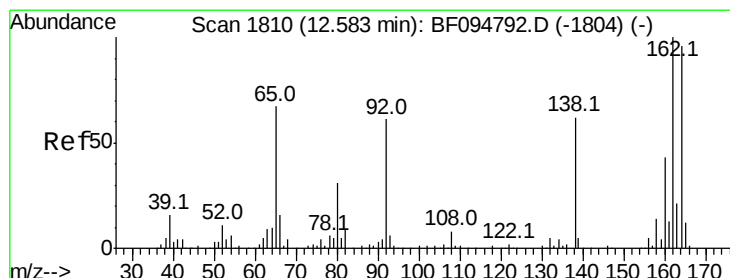
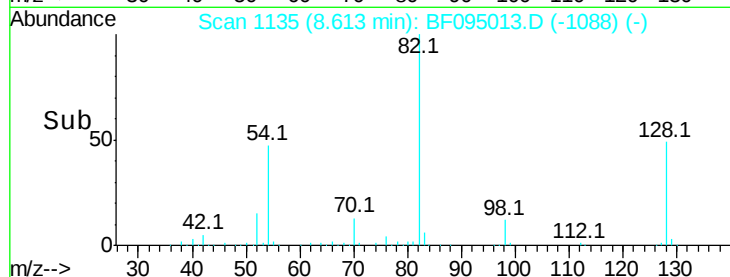
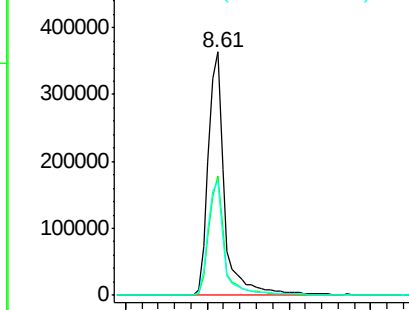
#23
Nitrobenzene-d5
Concen: 83.78 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 506522
Ion Ratio Lower Upper
82 100
128 48.9 34.0 51.0
54 46.9 42.2 63.2

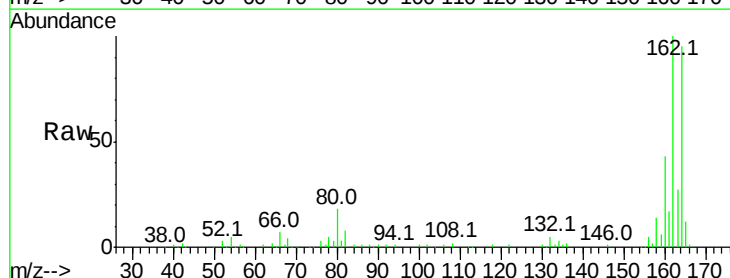


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

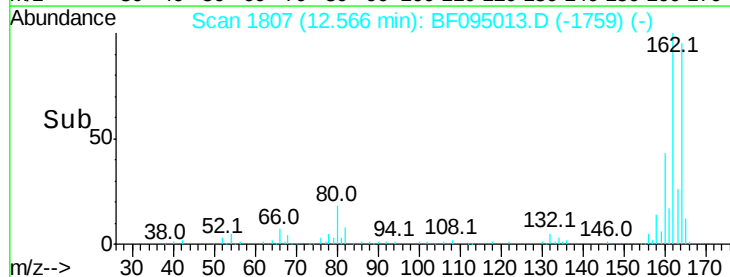
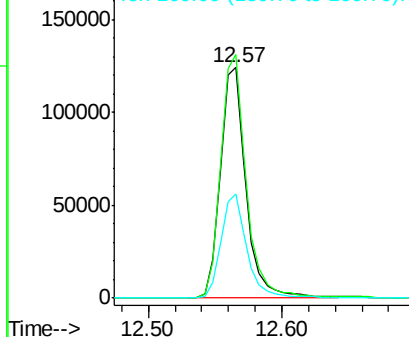


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Tgt Ion:164 Resp: 168307
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 45.4 36.2 54.2



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

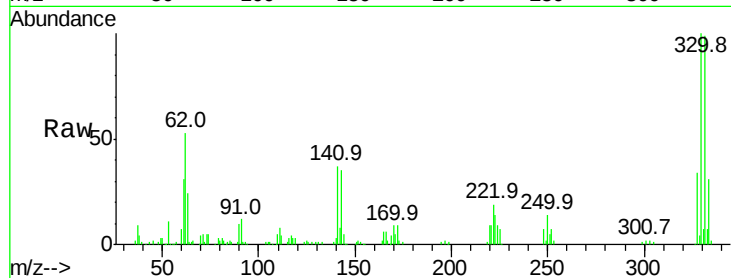




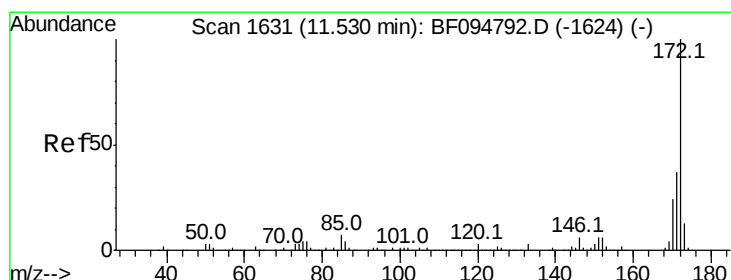
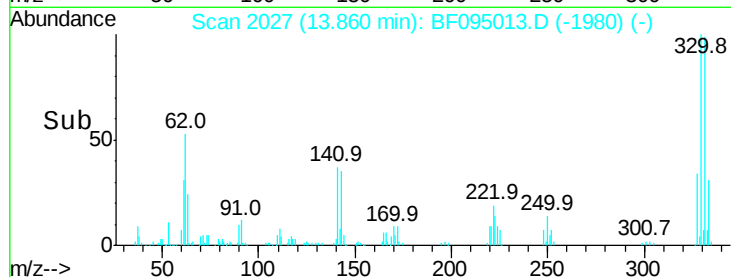
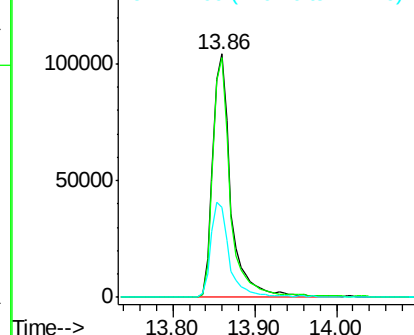
#41
 2,4,6-Tribromophenol
 Concen: 118.03 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095013.D
 Acq: 9 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	39.7	31.4	47.2

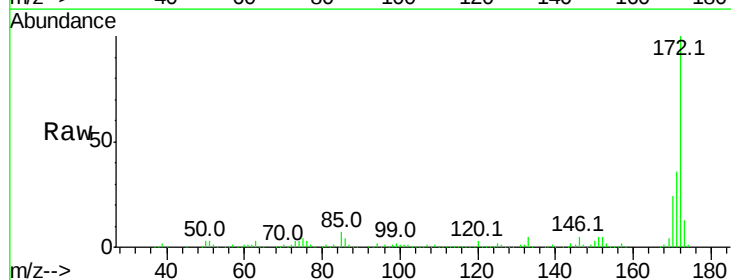


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

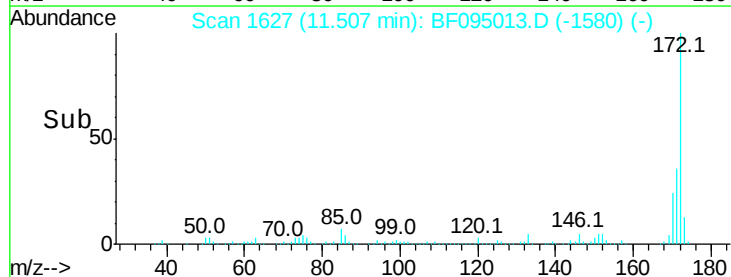
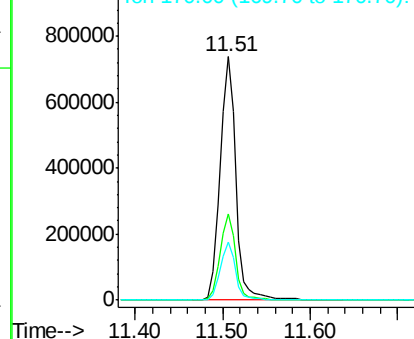


#44
 2-Fluorobiphenyl
 Concen: 79.53 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095013.D
 Acq: 9 May 2017 9:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8



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: 12.10 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampled :

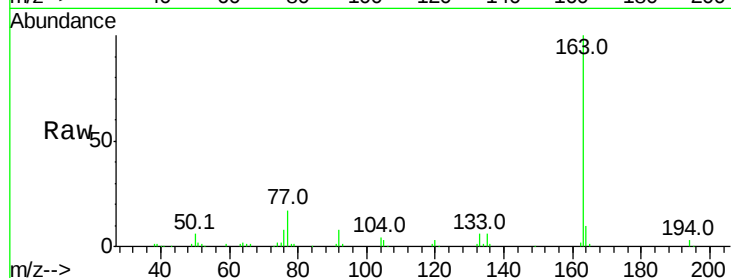
Tot Ion:163 Resp: 167164

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

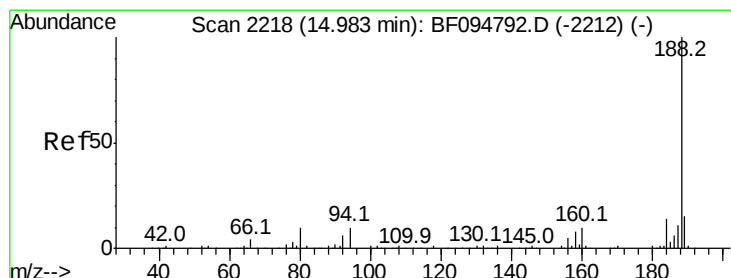
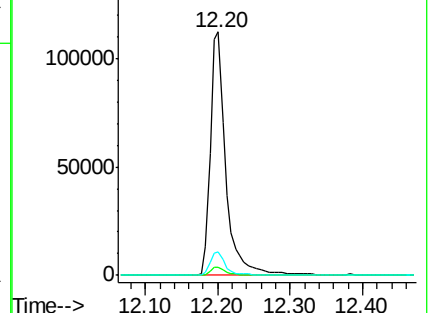
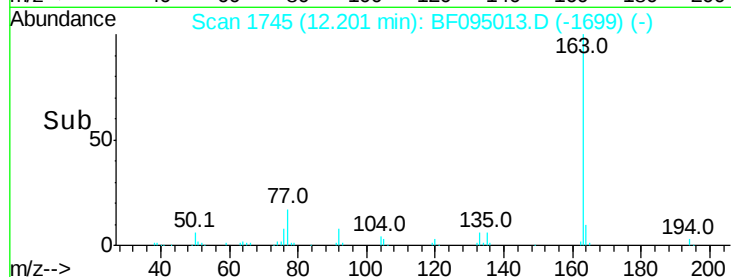
164 9.5 8.4 12.6



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: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

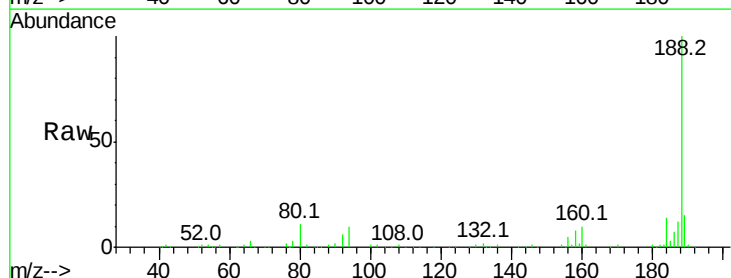
Tgt Ion:188 Resp: 254626

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

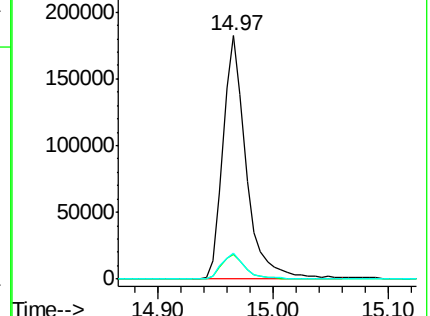
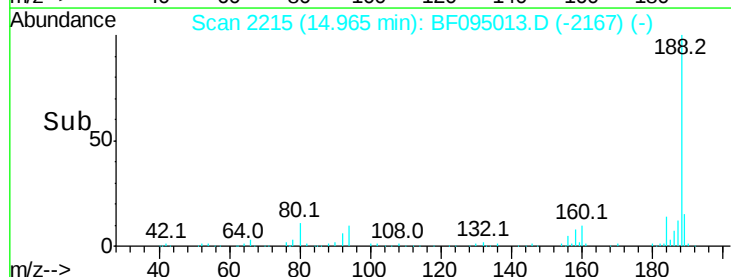
80 10.5 10.2 15.2

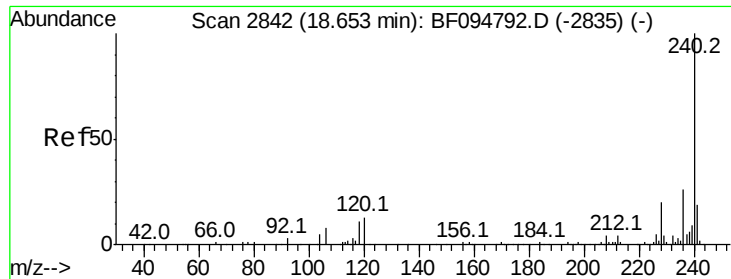


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

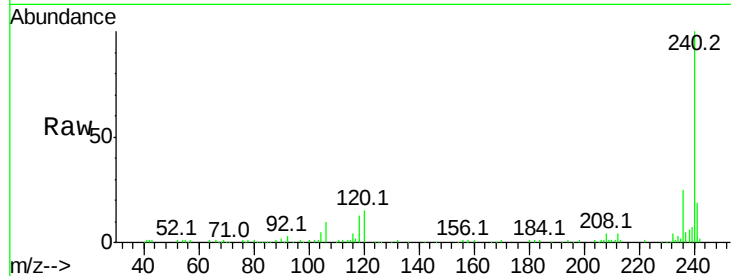
Tot Ion:240 Resp: 209059

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

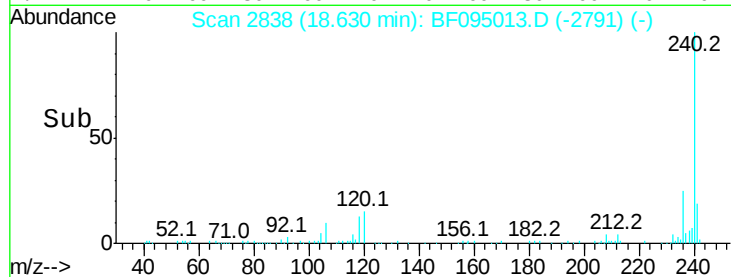
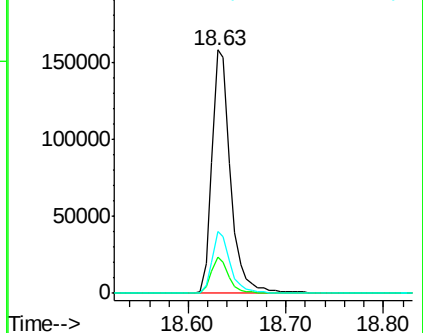
236 25.2 20.5 30.7



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: 66.04 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095013.D

Acq: 9 May 2017 9:27

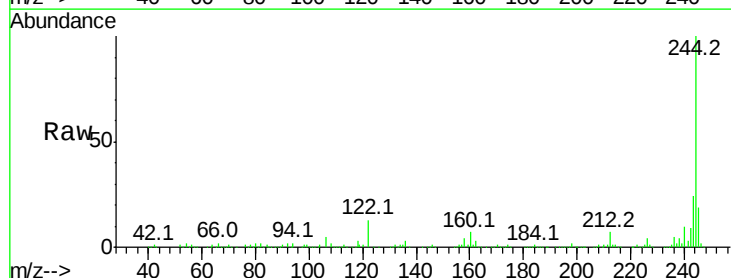
Tgt Ion:244 Resp: 626812

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

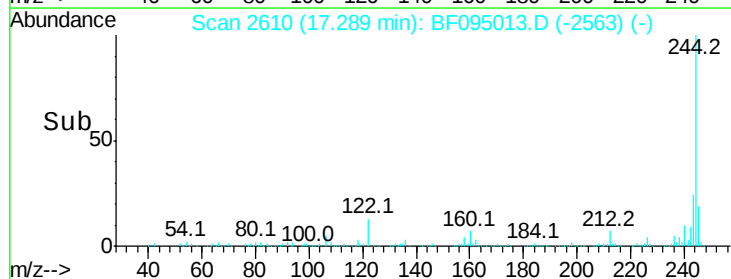
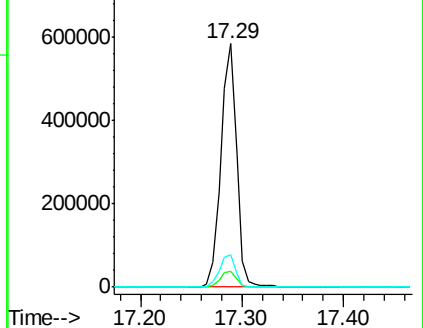
122 13.3 10.3 15.5

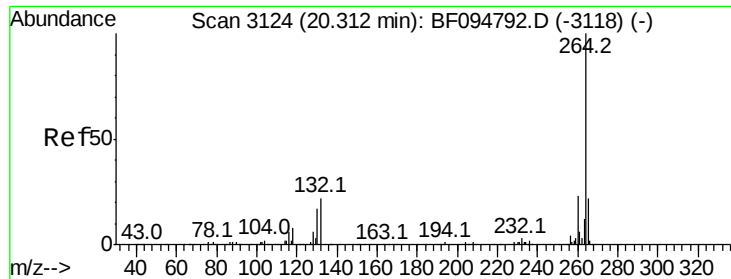


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

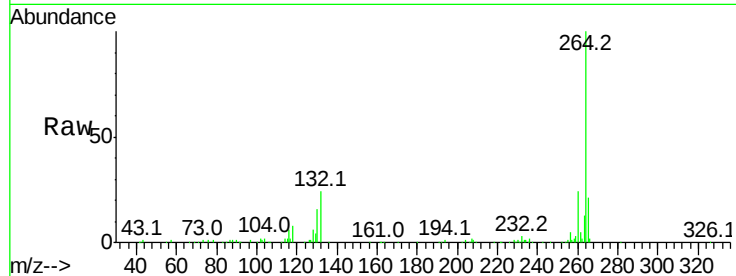




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095013.D
Acq: 9 May 2017 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

