

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095505.D
 Acq On : 27 May 2017 19:39
 Operator : SJ/MA
 Sample : I3306-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:16:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

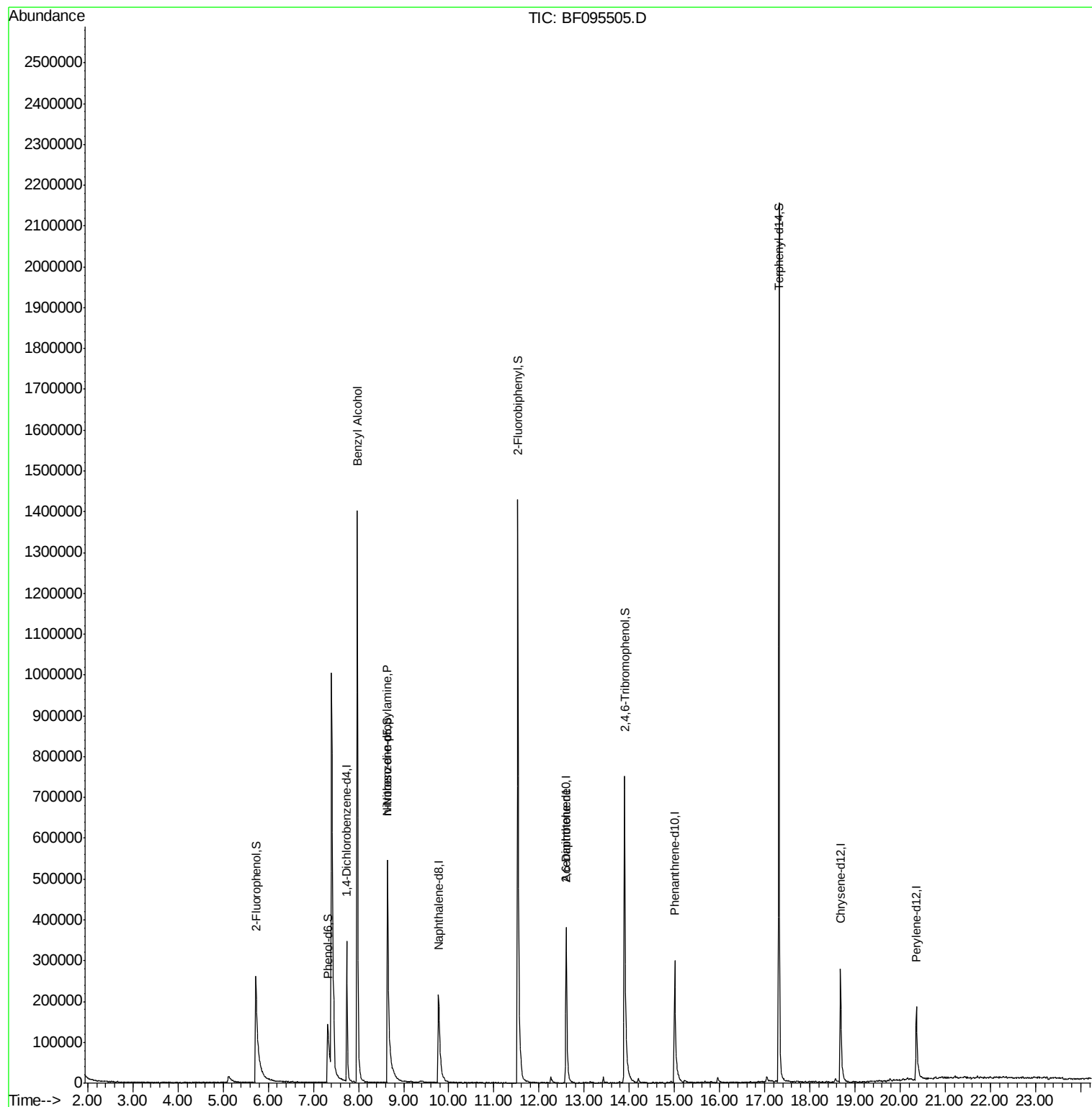
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85112	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	351306	20.00	ng	0.02
38) Acenaphthene-d10	12.60	164	162555	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	282302	20.00	ng	0.00
75) Chrysene-d12	18.68	240	209269	20.00	ng	0.00
86) Perylene-d12	20.36	264	141401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	333143	65.26	ng	0.02
7) Phenol-d6	7.32	99	250279	40.86	ng	0.02
23) Nitrobenzene-d5	8.64	82	506765	90.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	192476	144.58	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	974671	86.30	ng	0.00
78) Terphenyl-d14	17.32	244	910211	95.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	8125	2.06	ng	# 39
19) n-Nitroso-di-n-propylamine	8.65	70	54852	13.24	ng	# 74
50) 2,6-Dinitrotoluene	12.60	165	17595	6.46	ng	# 31

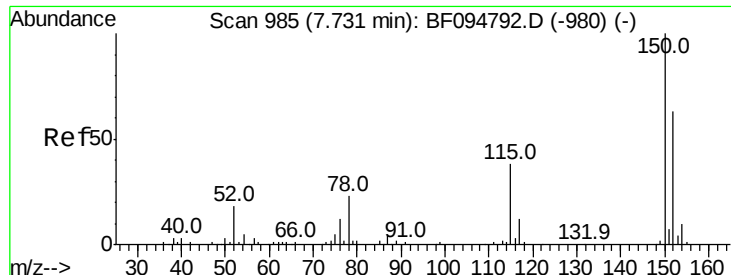
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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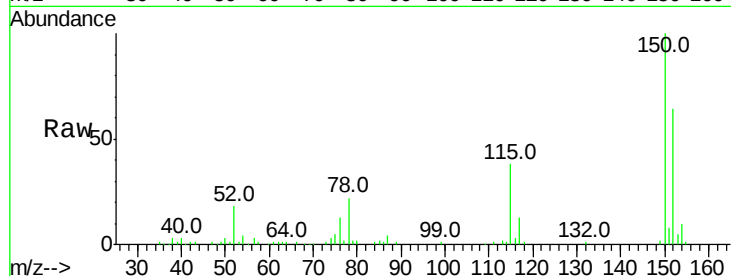


#1

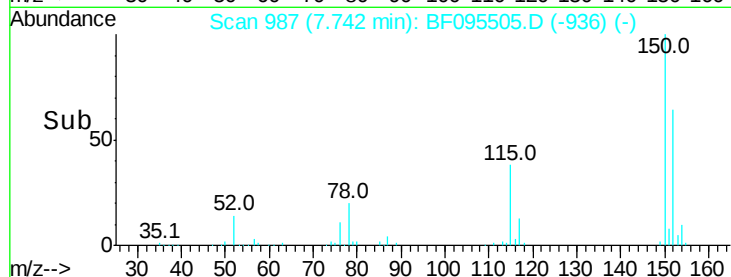
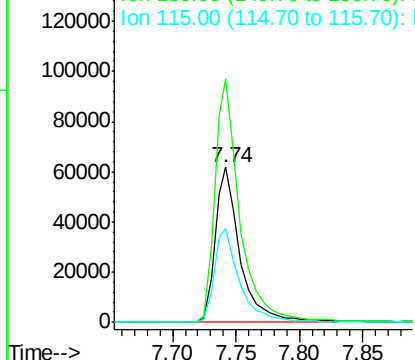
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85112
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.3 52.2 78.2



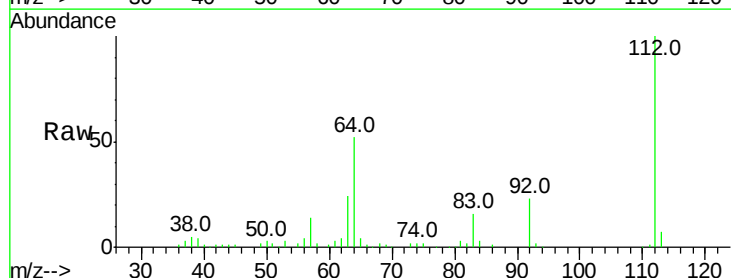
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



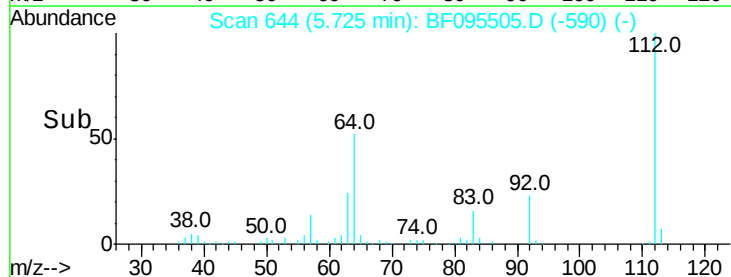
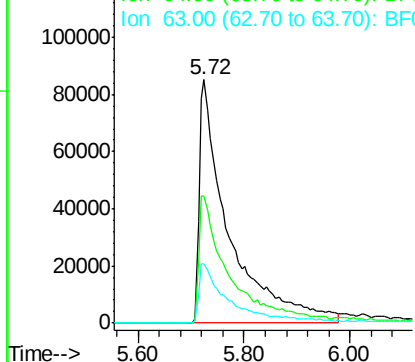
#5

2-Fluorophenol
Concen: 65.26 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Tgt Ion:112 Resp: 333143
Ion Ratio Lower Upper
112 100
64 52.0 46.0 69.0
63 24.3 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: 40.86 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Instrument :

BNA_F

ClientSampled :

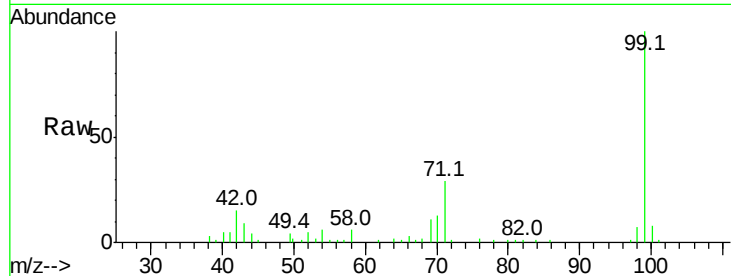
Tot Ion: 99 Resp: 250279

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

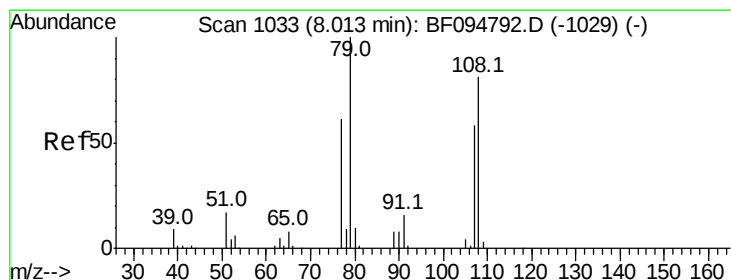
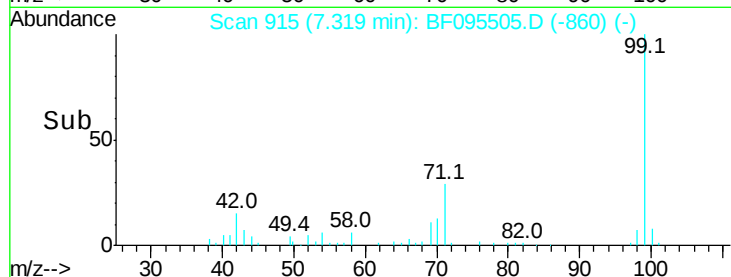
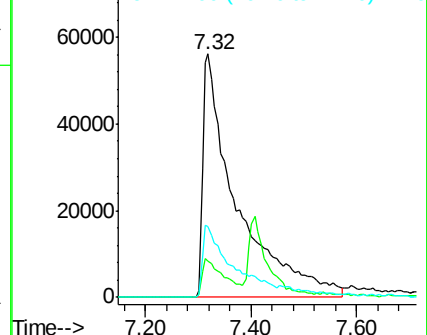
71 29.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

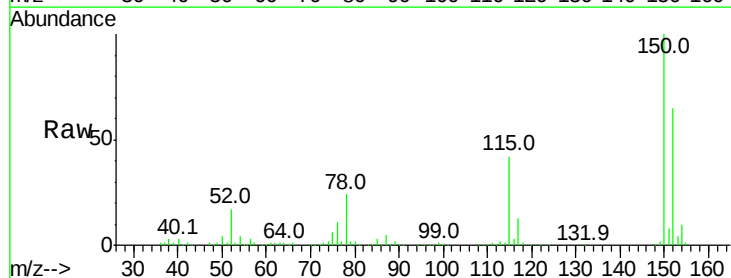
Tgt Ion: 79 Resp: 8125

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

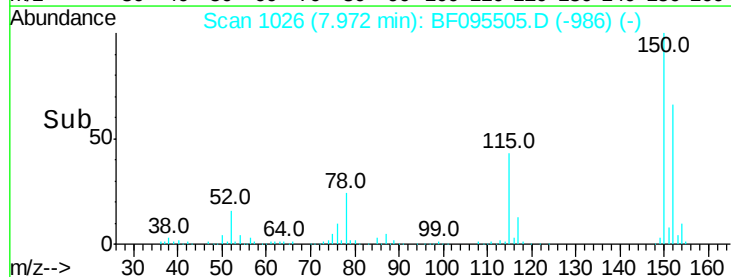
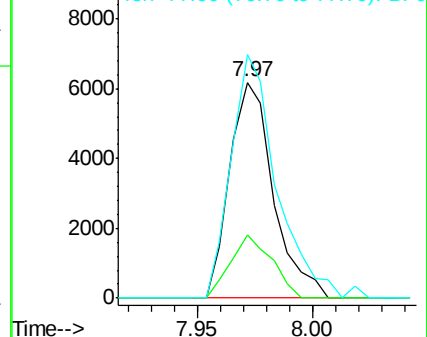
77 112.7 49.2 73.8#

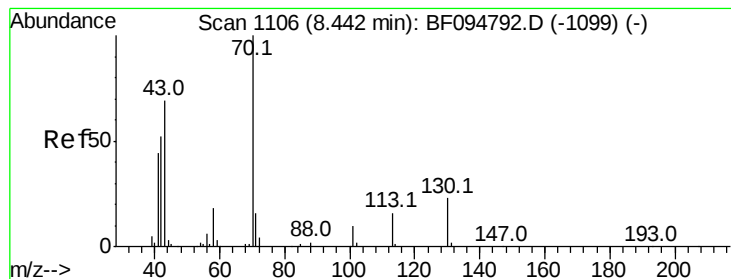


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.24 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.19 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54852

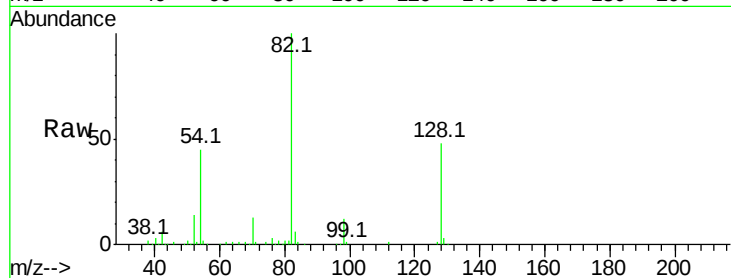
Ion Ratio Lower Upper

70 100

42 41.5 47.2 70.8#

101 0.0 7.2 10.8#

130 3.3 15.9 23.9#

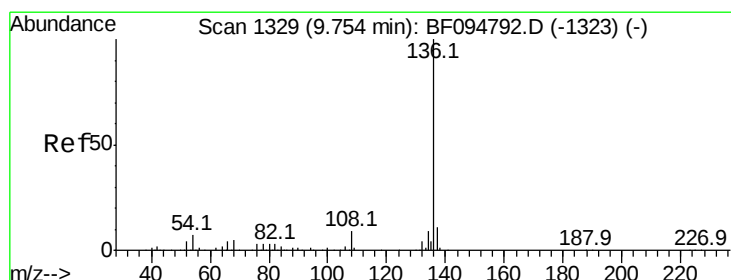
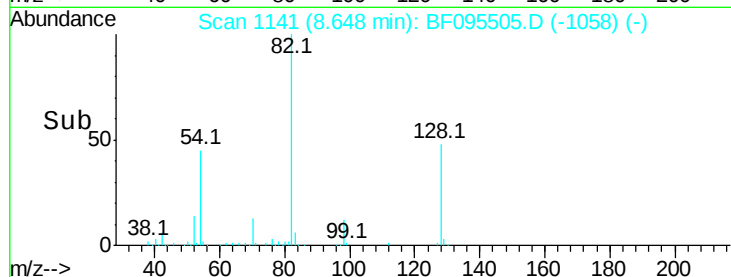
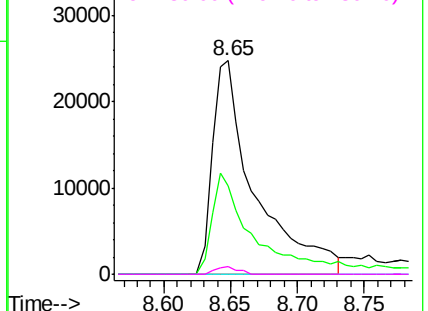


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Tgt Ion:136 Resp: 351306

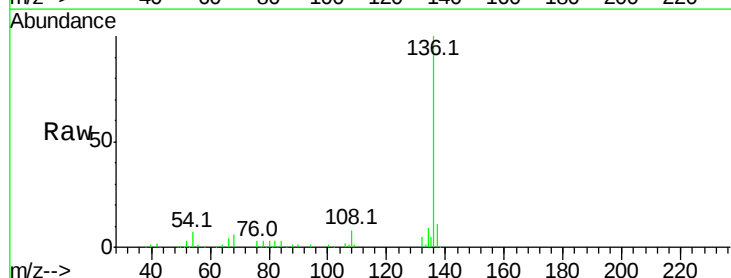
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.6 4.9 7.3

68 5.8 4.1 6.1

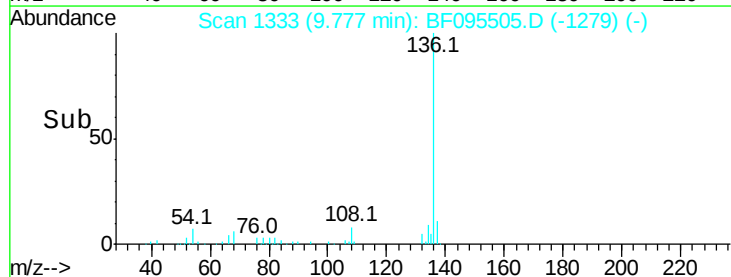
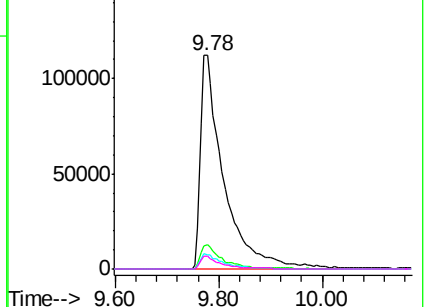


Abundance Ion 136.00 (135.70 to 136.70): E

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

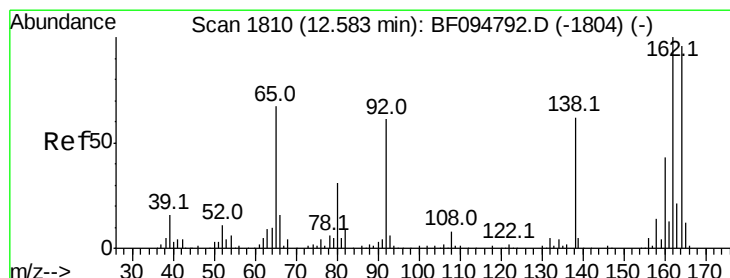
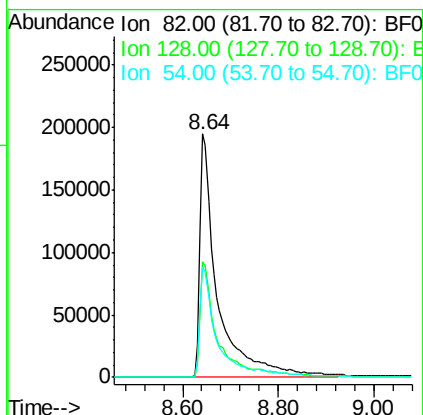
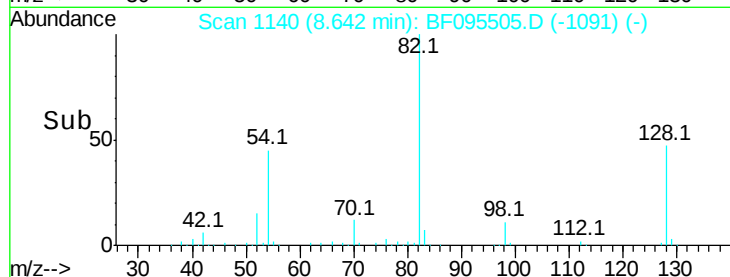
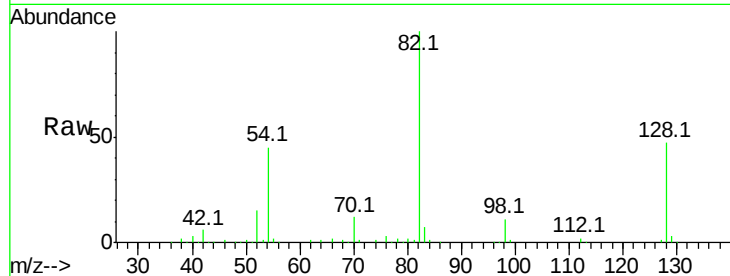




#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

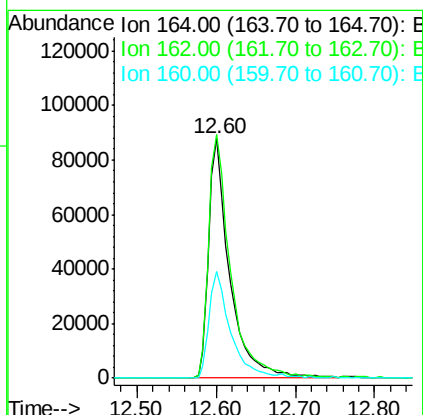
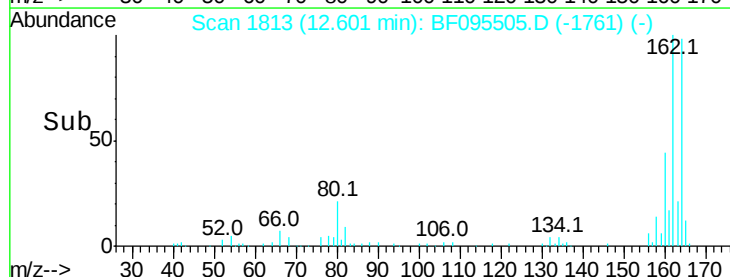
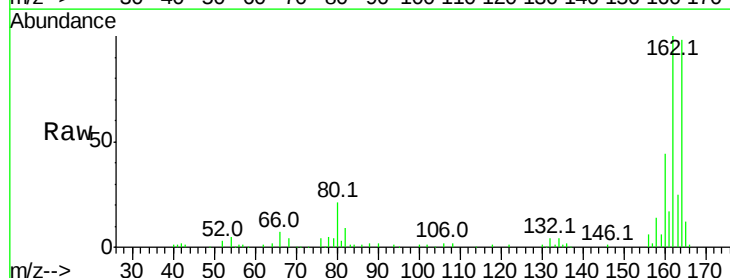
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 506765
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 45.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Tgt Ion:164 Resp: 162555
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.5 36.2 54.2

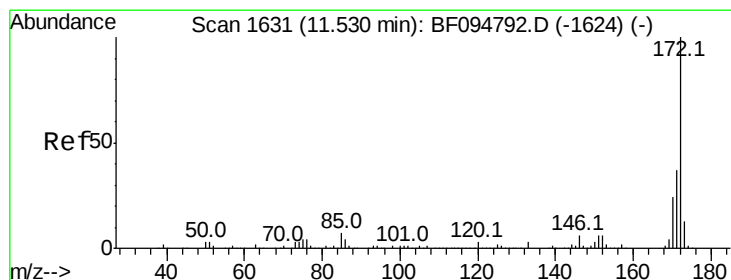
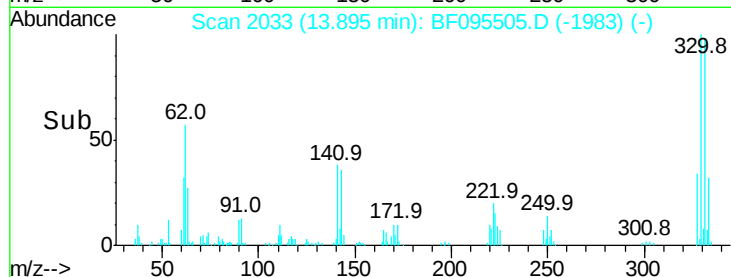
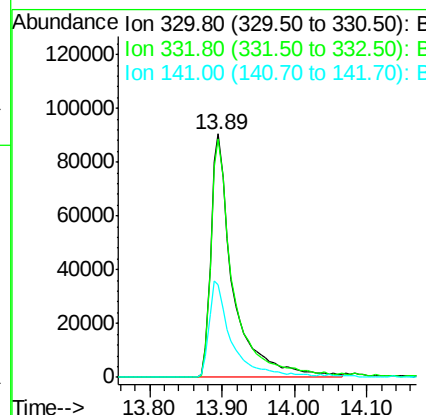
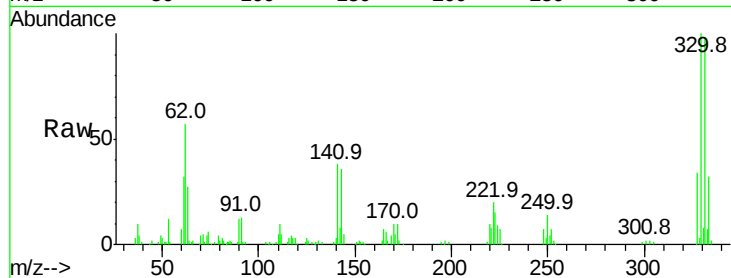




#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

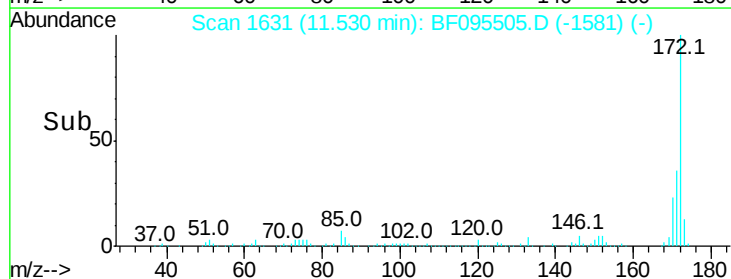
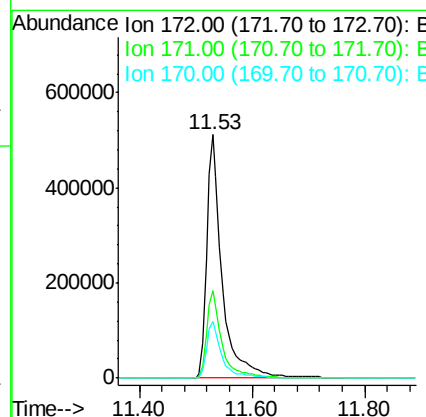
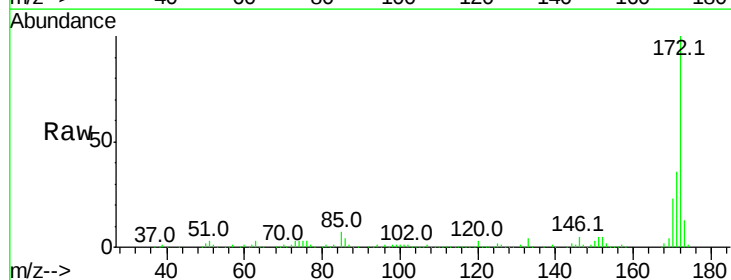
Instrument :
 BNA_F
 ClientSampleId :

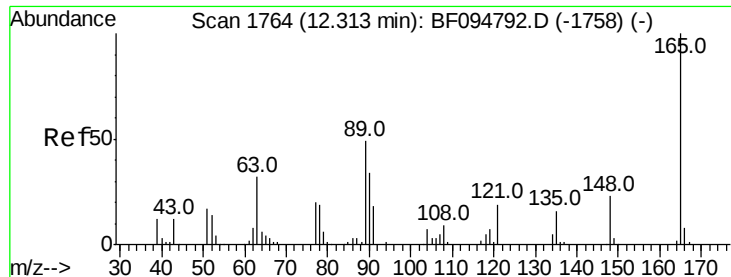
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.30 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8

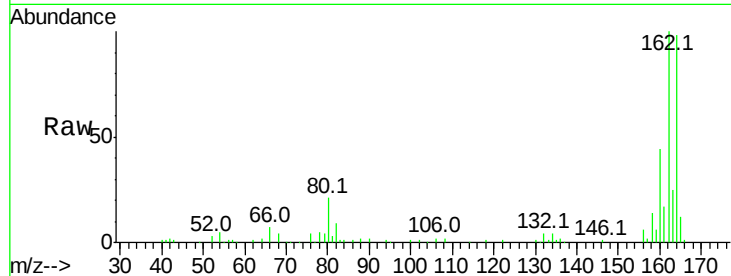




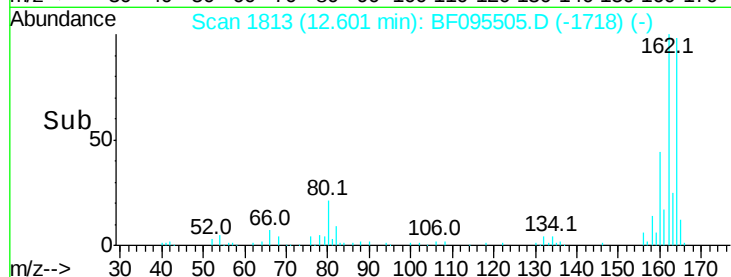
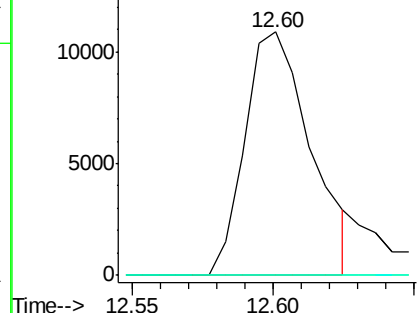
#50
 2,6-Dinitrotoluene
 Concen: 6.46 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

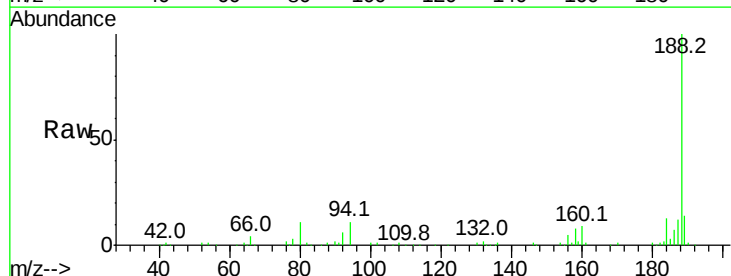


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

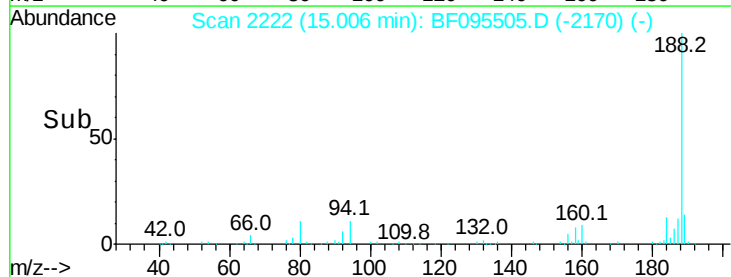
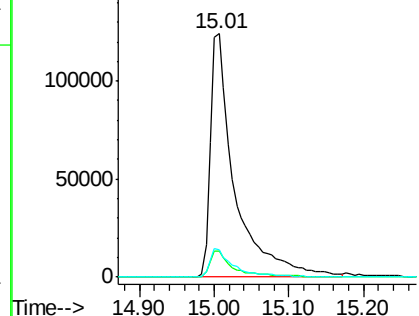


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.0	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

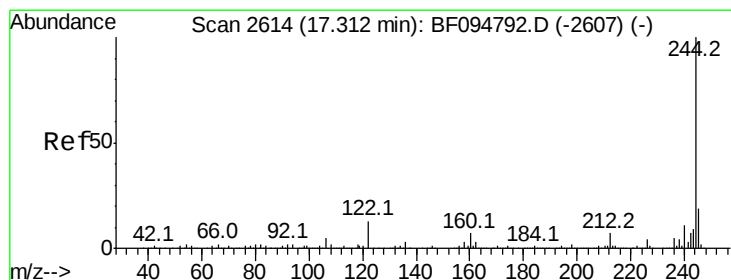
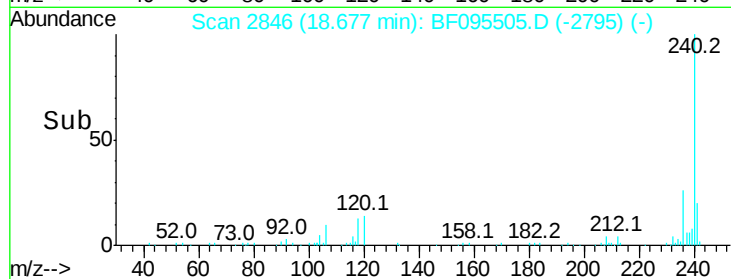
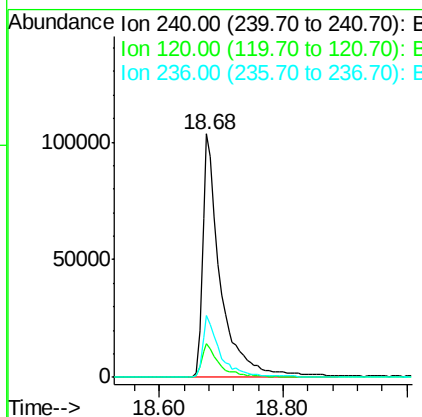
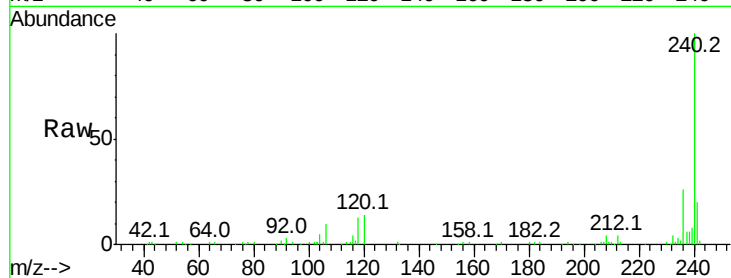




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

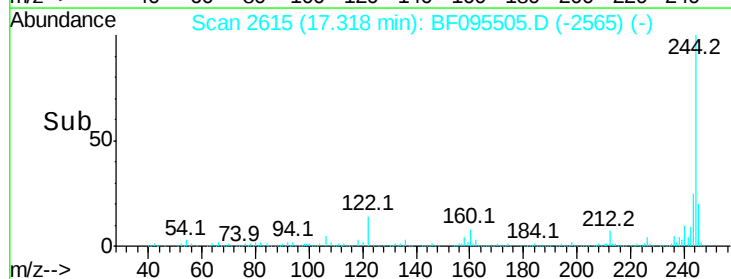
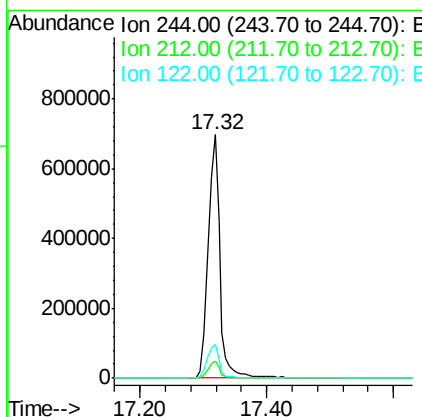
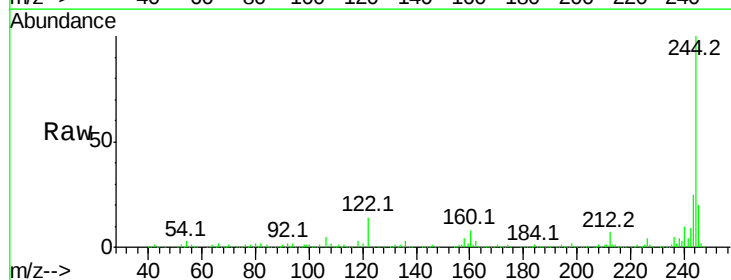
Instrument :
 BNA_F
 ClientSampled :

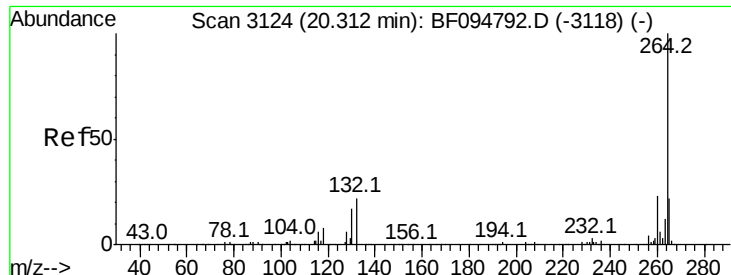
Tot Ion:240 Resp: 209269
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 25.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 95.80 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Tgt Ion:244 Resp: 910211
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5

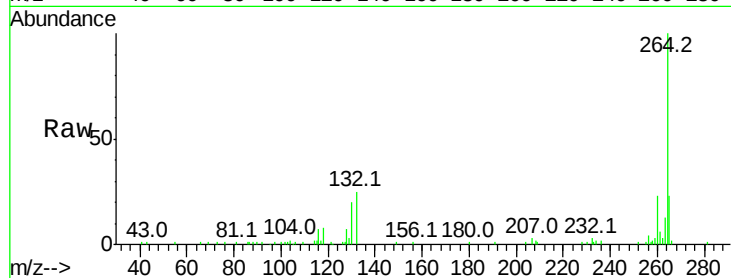




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.6	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

