

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095509.D
 Acq On : 27 May 2017 21:48
 Operator : SJ/MA
 Sample : I3306-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:16:55 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

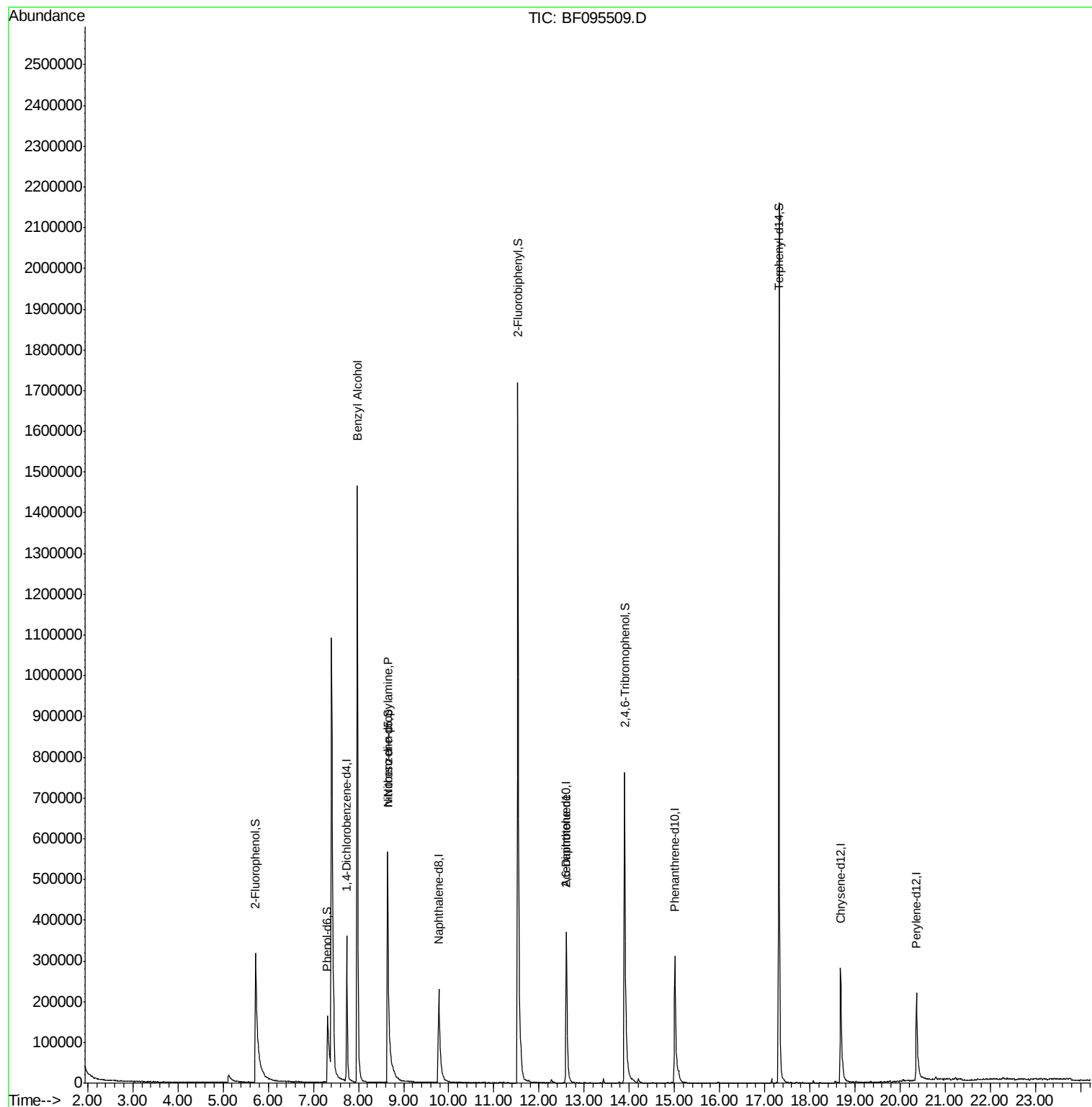
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	91632	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	373034	20.00	ng	0.02
38) Acenaphthene-d10	12.60	164	176679	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	326948	20.00	ng	0.00
75) Chrysene-d12	18.68	240	236600	20.00	ng	0.00
86) Perylene-d12	20.36	264	175701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	368231	67.00	ng	0.01
7) Phenol-d6	7.31	99	276095	41.87	ng	0.01
23) Nitrobenzene-d5	8.65	82	534531	90.36	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	209680	144.91	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1204788	98.15	ng	0.00
78) Terphenyl-d14	17.32	244	984381	91.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	9022	2.13	ng	# 35
19) n-Nitroso-di-n-propylamine	8.64	70	58567	13.13	ng	# 76
50) 2,6-Dinitrotoluene	12.60	165	17699	5.98	ng	# 31

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

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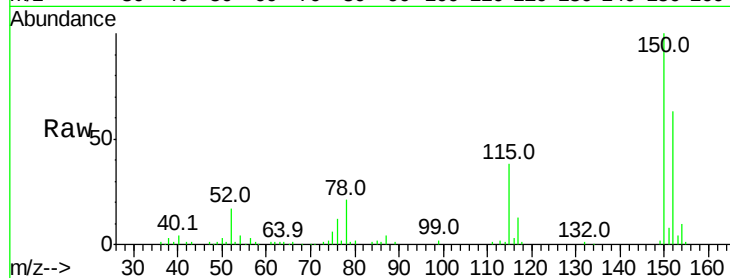


#1

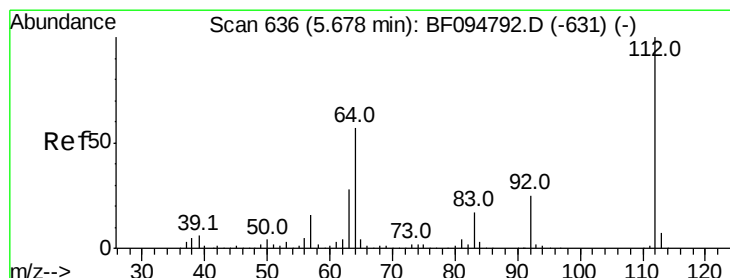
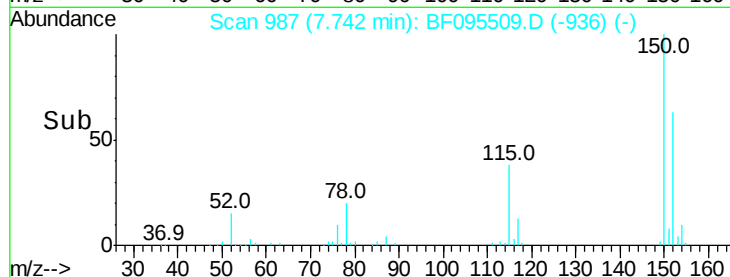
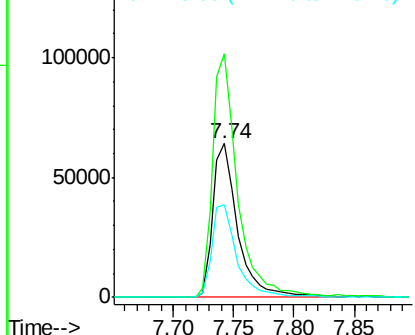
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095509.D
Acq: 27 May 2017 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91632
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 60.0 52.2 78.2



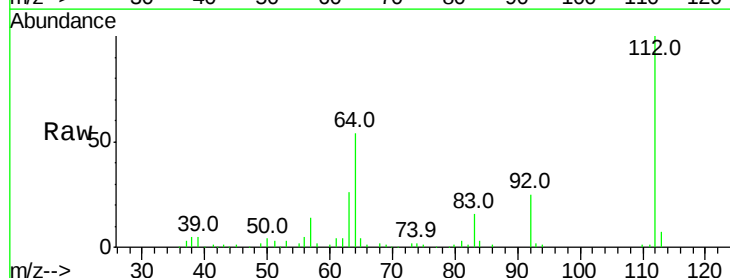
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



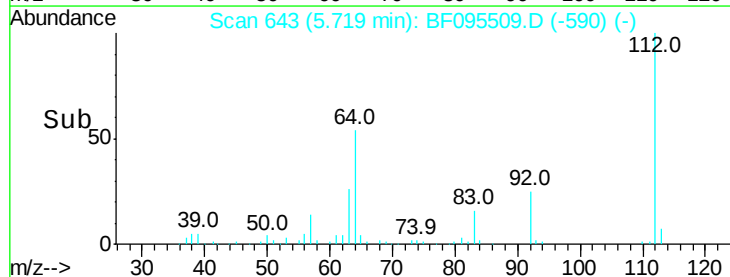
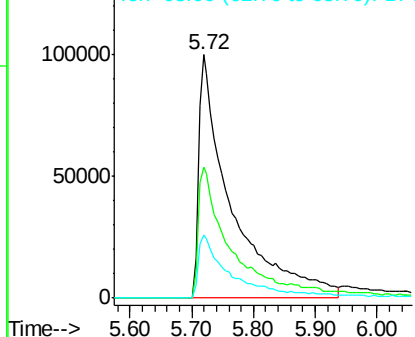
#5

2-Fluorophenol
Concen: 67.00 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095509.D
Acq: 27 May 2017 21:48

Tgt Ion:112 Resp: 368231
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 25.8 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: 41.87 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF095509.D

Acq: 27 May 2017 21:48

Instrument :

BNA_F

ClientSampleId :

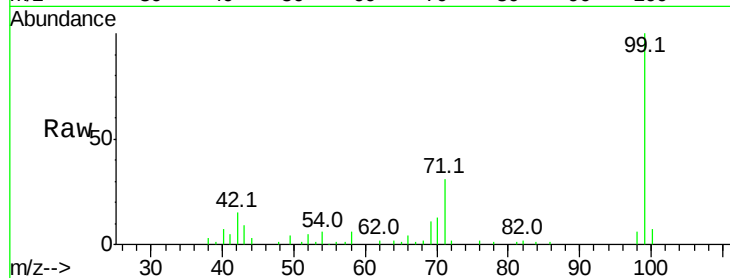
Tot Ion: 99 Resp: 276095

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

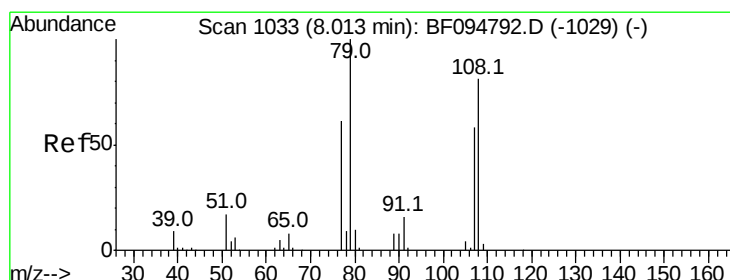
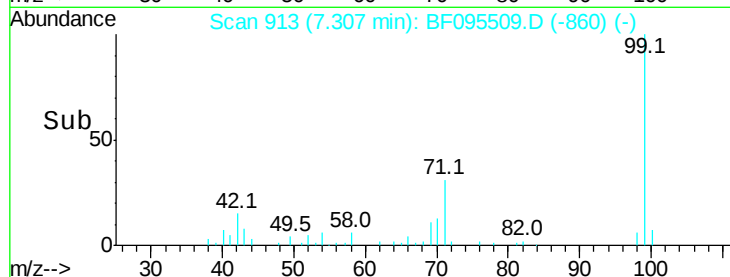
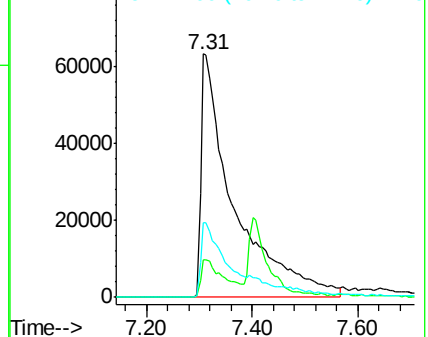
71 30.5 24.5 36.7



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: 2.13 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095509.D

Acq: 27 May 2017 21:48

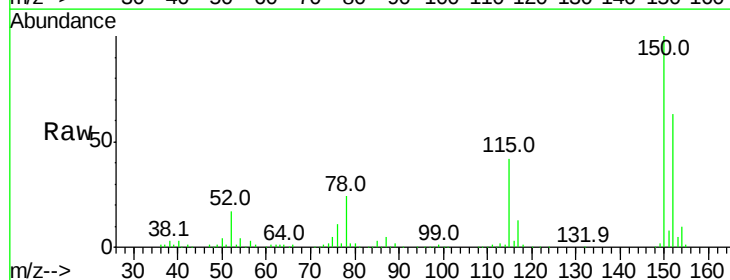
Tgt Ion: 79 Resp: 9022

Ion Ratio Lower Upper

79 100

108 27.8 63.4 95.0#

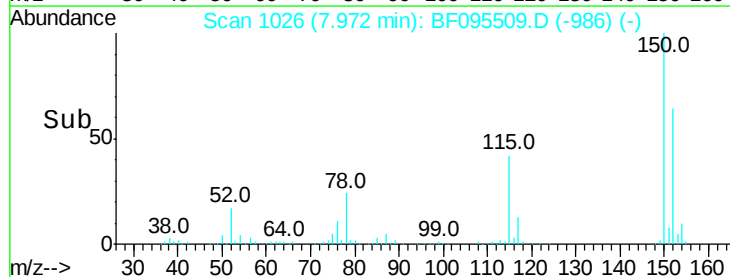
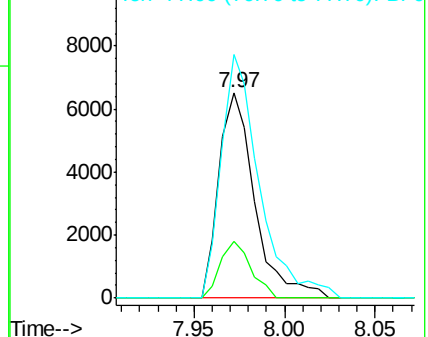
77 118.4 49.2 73.8#

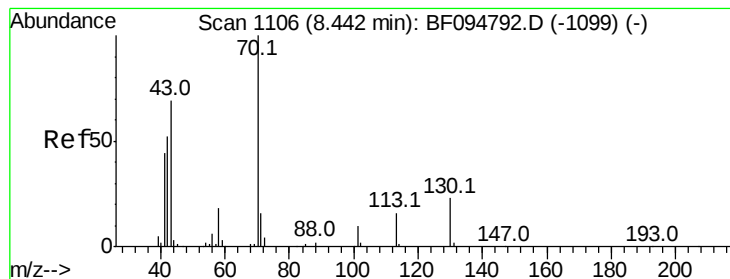


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 13.13 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095509.D

Acq: 27 May 2017 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 58567

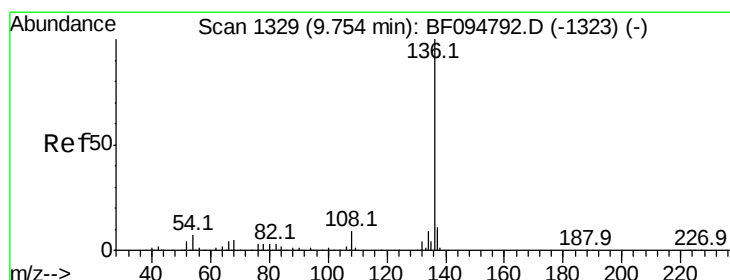
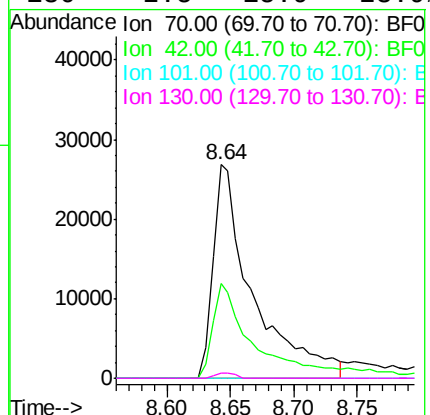
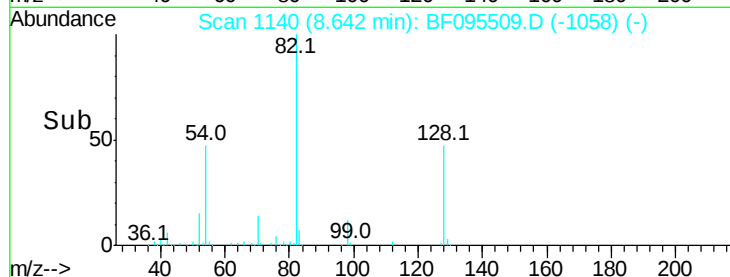
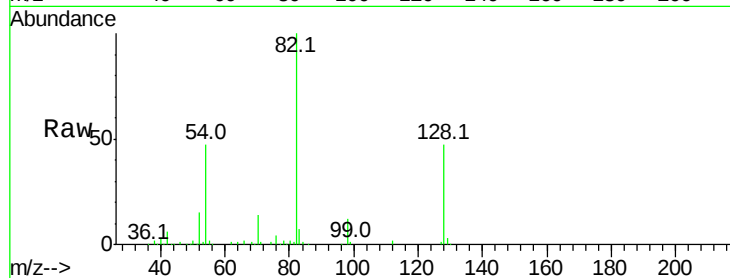
Ion Ratio Lower Upper

70 100

42 44.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF095509.D

Acq: 27 May 2017 21:48

Tgt Ion: 136 Resp: 373034

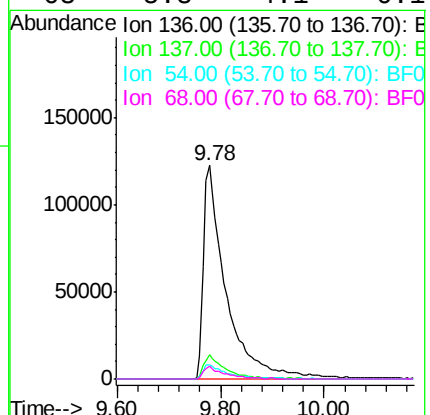
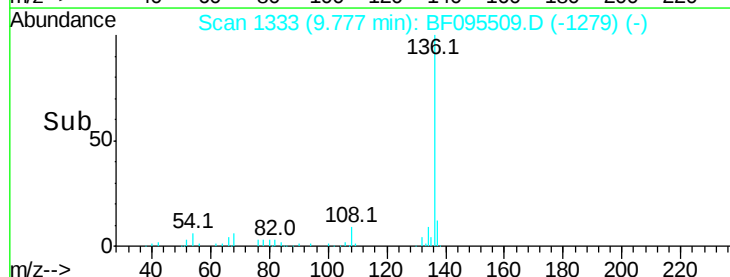
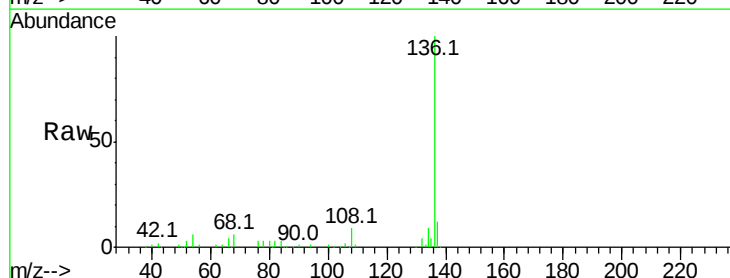
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.5 4.9 7.3

68 5.8 4.1 6.1

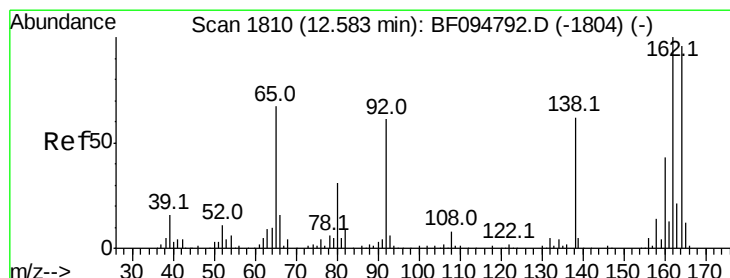
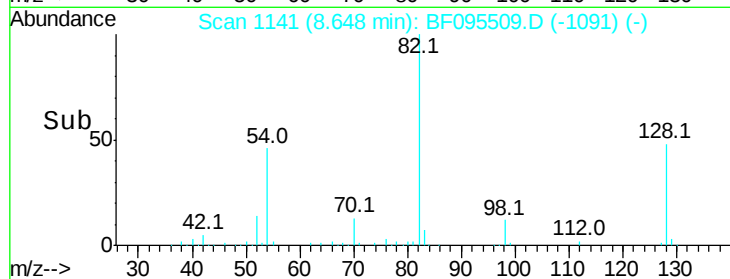
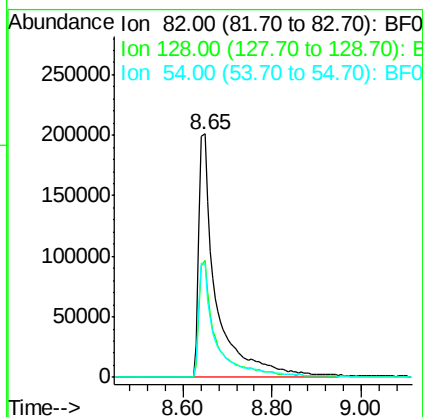
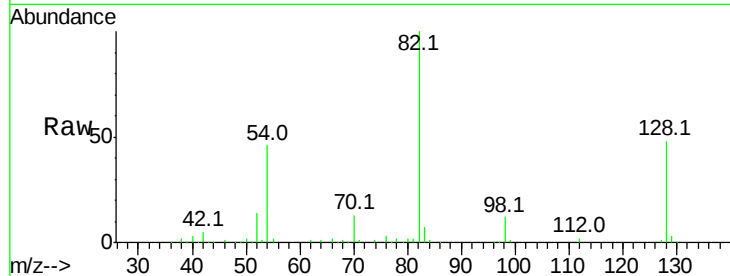




#23
Nitrobenzene-d5
Concen: 90.36 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095509.D
Acq: 27 May 2017 21:48

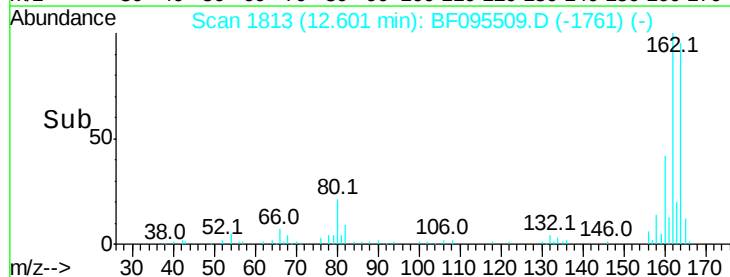
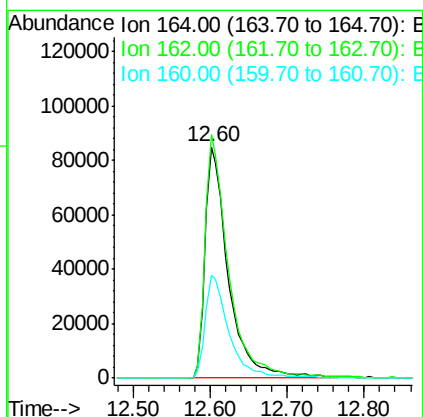
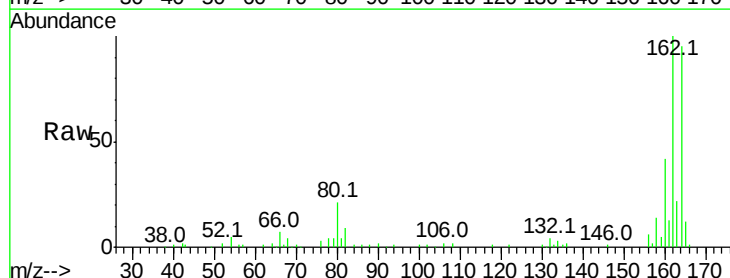
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 534531
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 46.3 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: BF095509.D
Acq: 27 May 2017 21:48

Tgt Ion:164 Resp: 176679
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 44.7 36.2 54.2

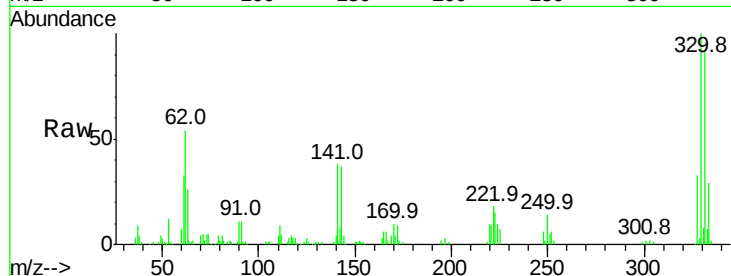




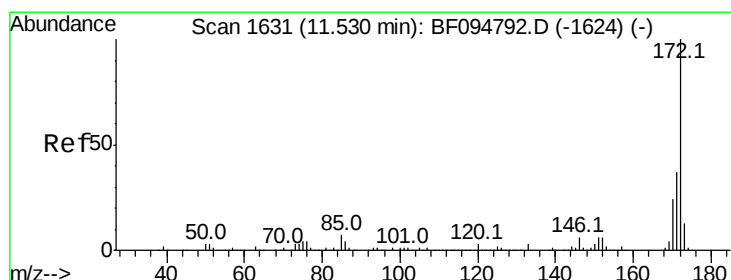
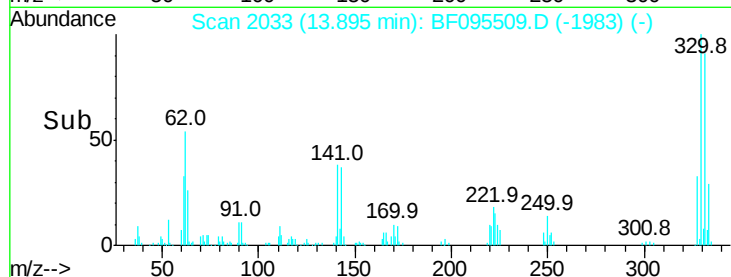
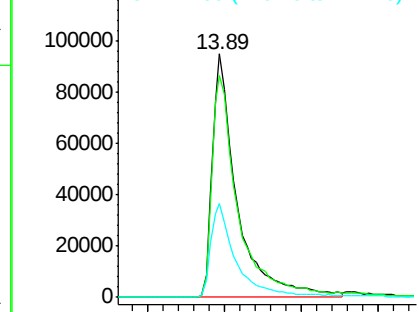
#41
 2,4,6-Tribromophenol
 Concen: 144.91 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095509.D
 Acq: 27 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 209680
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.6 31.4 47.2

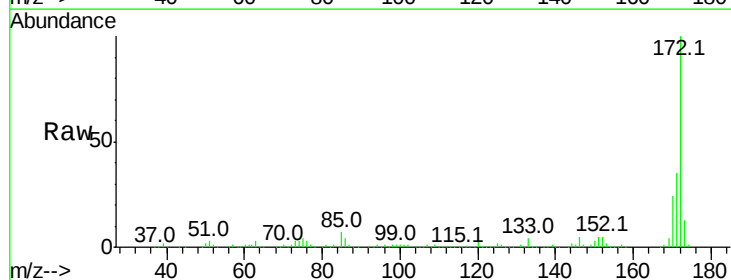


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

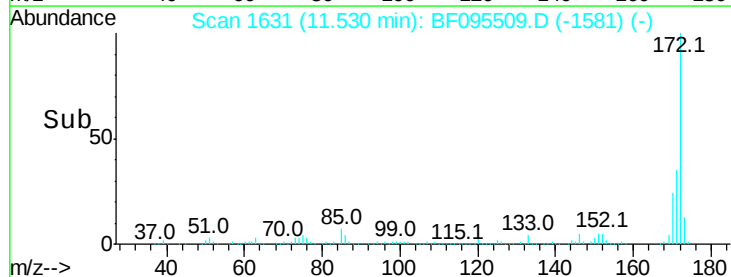
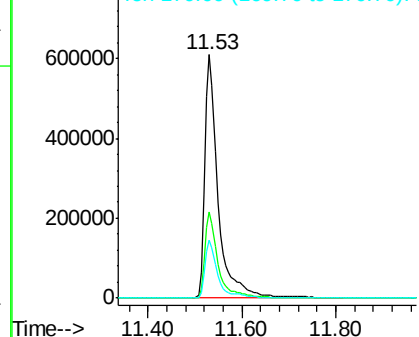


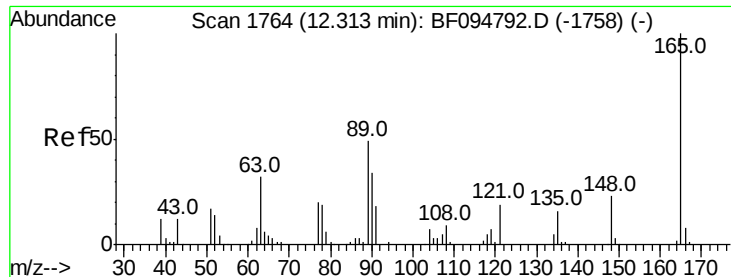
#44
 2-Fluorobiphenyl
 Concen: 98.15 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095509.D
 Acq: 27 May 2017 21:48

Tgt Ion:172 Resp: 1204788
 Ion Ratio Lower Upper
 172 100
 171 35.4 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

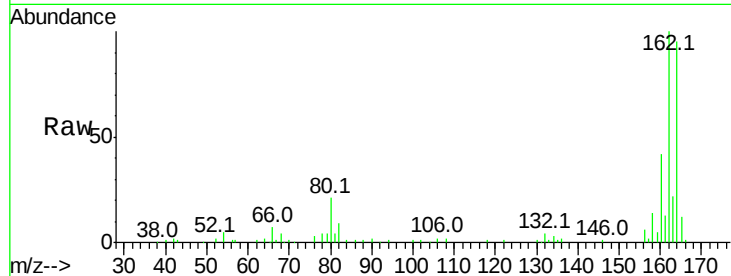




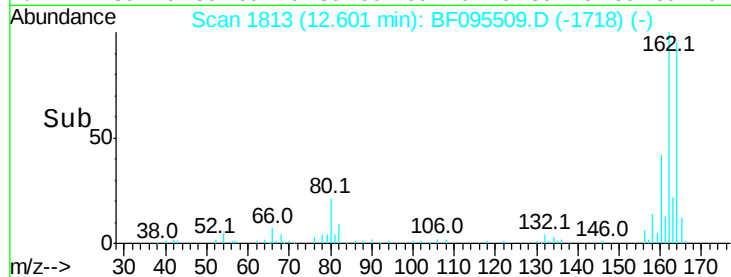
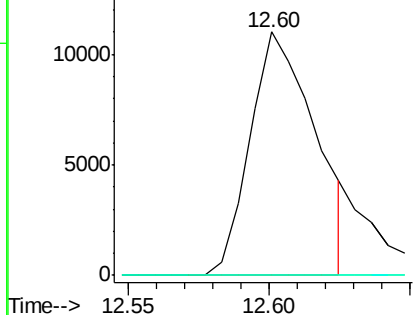
#50
 2,6-Dinitrotoluene
 Concen: 5.98 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095509.D
 Acq: 27 May 2017 21:48

Instrument :
 BNA_F
 ClientSampled :

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

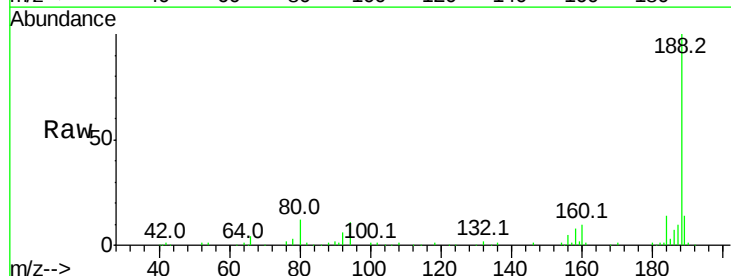


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

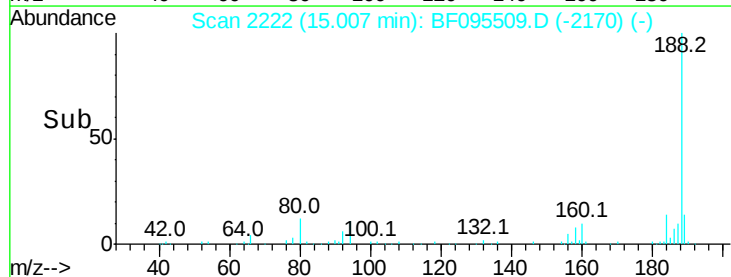
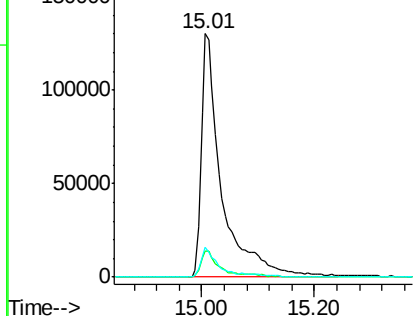


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095509.D
 Acq: 27 May 2017 21:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.1	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

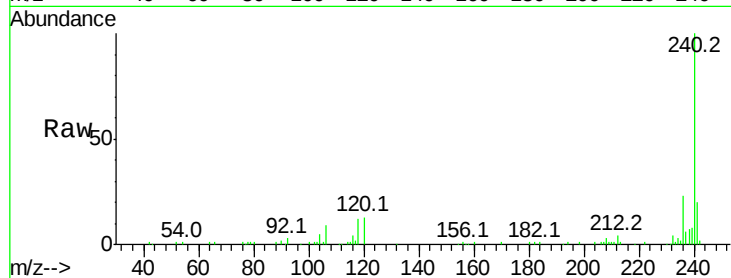




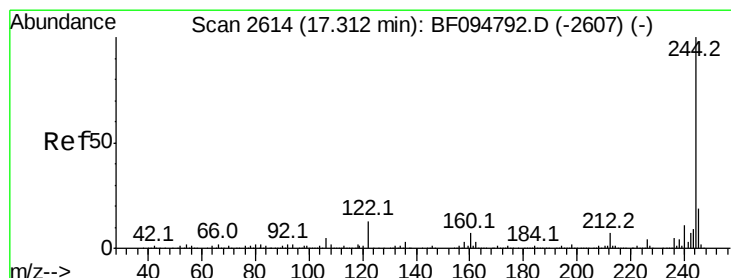
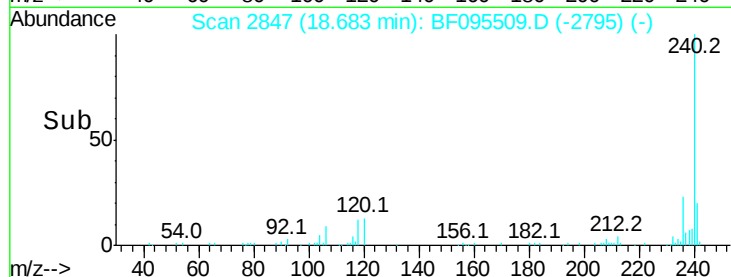
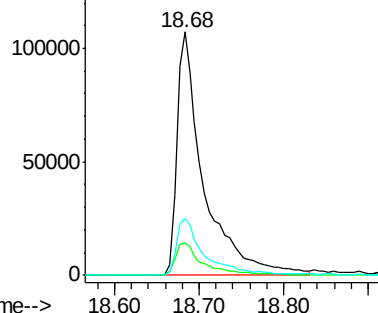
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BF095509.D
Acq: 27 May 2017 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 236600
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 23.3 20.5 30.7

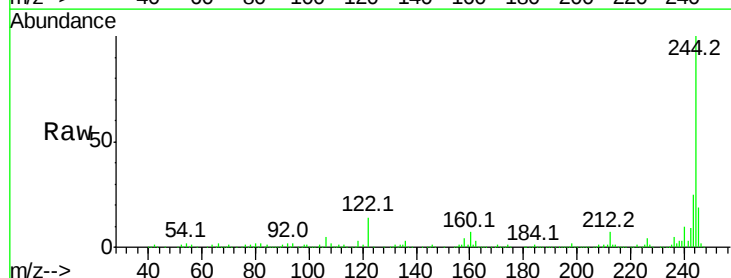


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

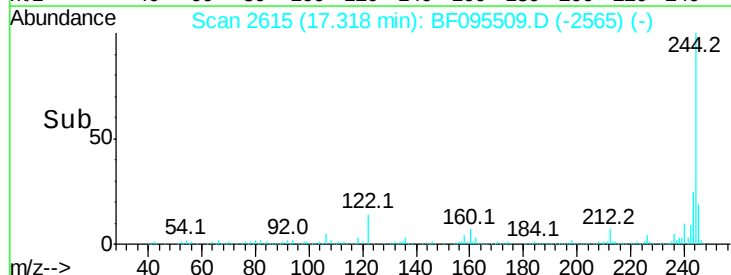
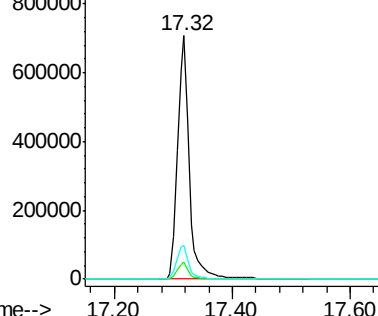


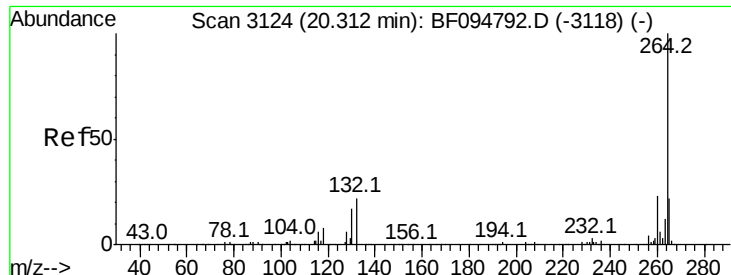
#78
Terphenyl-d14
Concen: 91.64 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095509.D
Acq: 27 May 2017 21:48

Tgt Ion:244 Resp: 984381
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.9 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

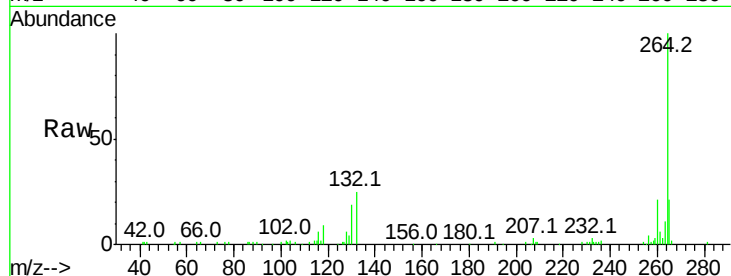




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095509.D
 Acq: 27 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	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

