

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095240.D
 Acq On : 19 May 2017 00:45
 Operator : SJ/MA
 Sample : I3189-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 04:03:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

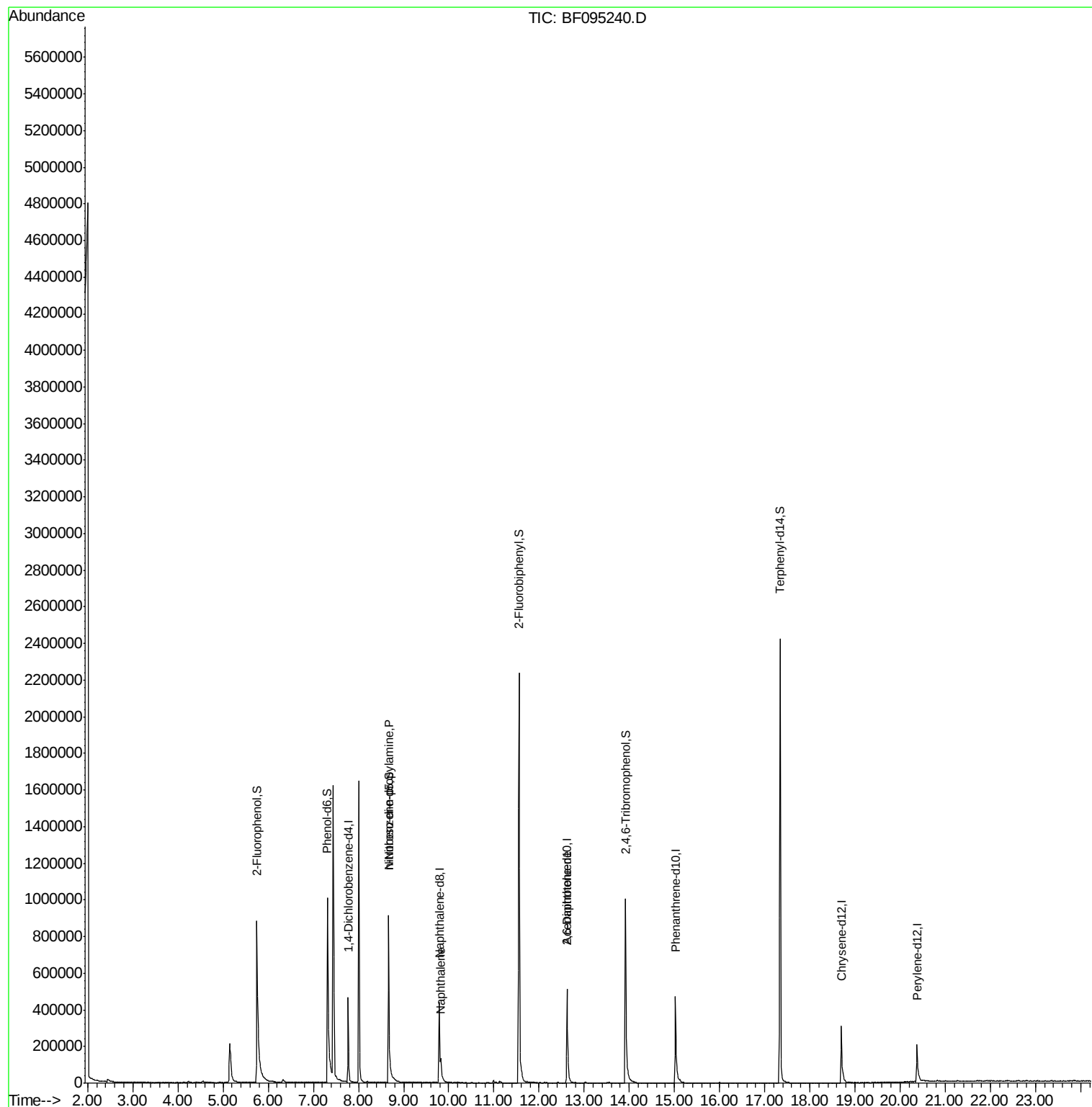
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100627	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	407478	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	201539	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	356401	20.00	ng	0.00
75) Chrysene-d12	18.69	240	228719	20.00	ng	0.00
86) Perylene-d12	20.38	264	149397	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	689973	114.32	ng	0.01
7) Phenol-d6	7.31	99	804474	111.09	ng	0.00
23) Nitrobenzene-d5	8.67	82	555975	86.04	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	228459	138.41	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1215767	86.83	ng	0.00
78) Terphenyl-d14	17.34	244	1077651	103.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	67489	13.78	ng	# 73
31) Naphthalene	9.82	128	79198	3.87	ng	97
50) 2,6-Dinitrotoluene	12.62	165	20132	5.96	ng	# 31

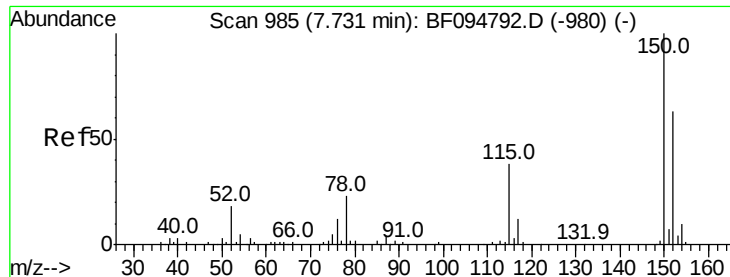
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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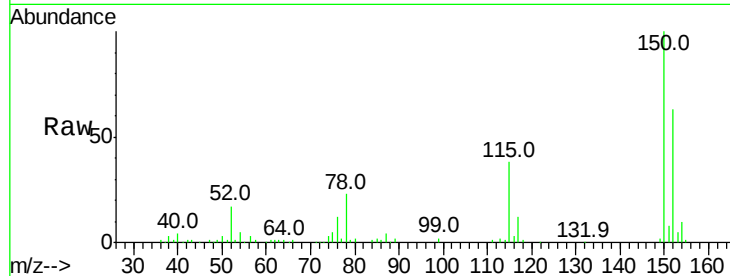


#1

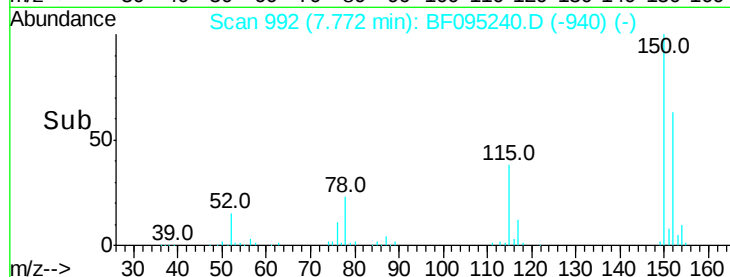
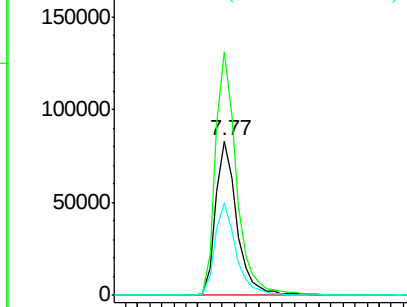
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100627
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 59.6 52.2 78.2



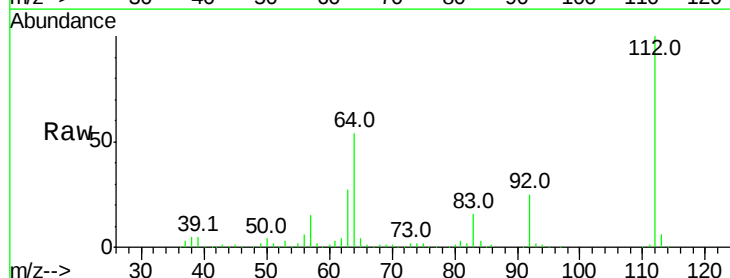
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



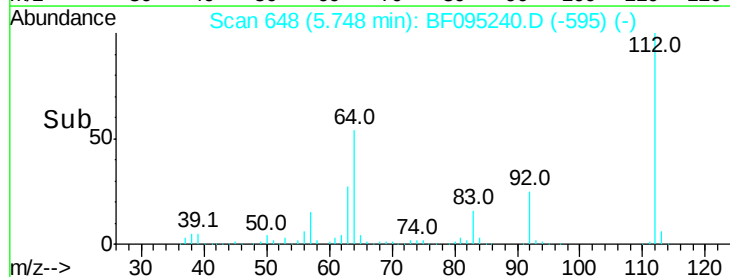
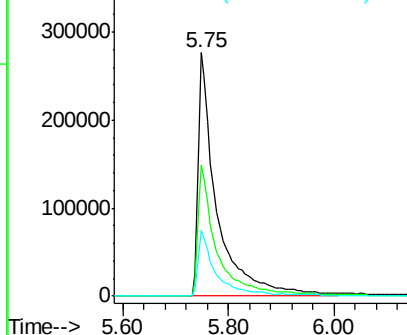
#5

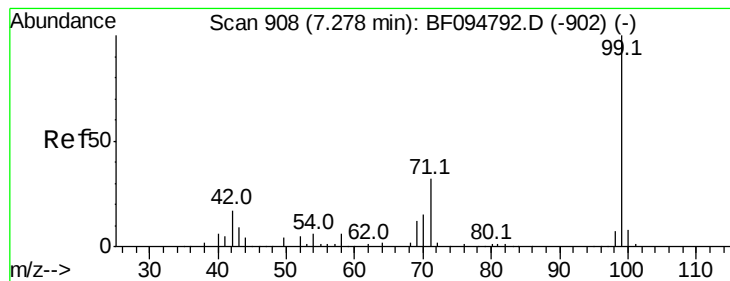
2-Fluorophenol
Concen: 114.32 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Tgt Ion:112 Resp: 689973
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 27.2 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: 111.09 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampled :

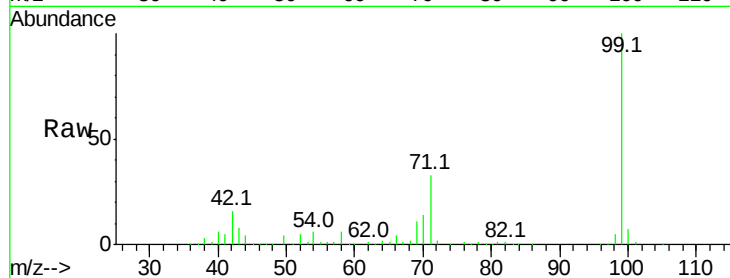
Tot Ion: 99 Resp: 804474

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

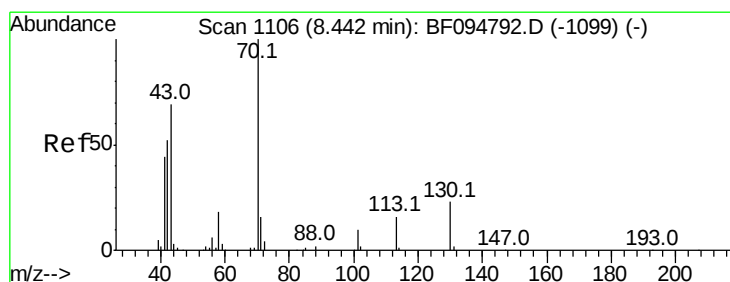
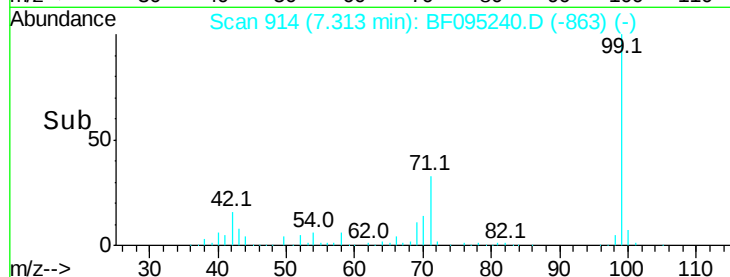
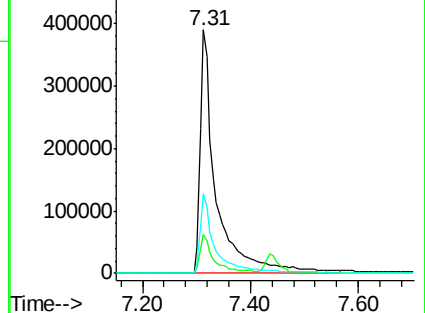
71 32.6 24.5 36.7



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: 13.78 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Tgt Ion: 70 Resp: 67489

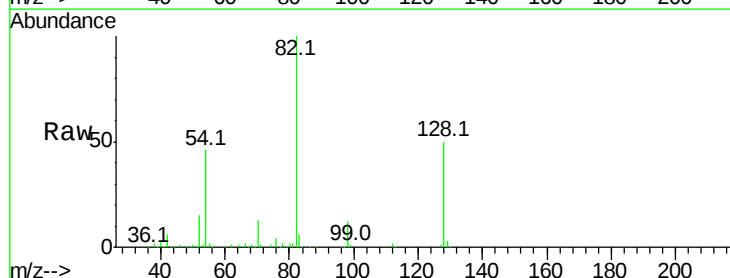
Ion Ratio Lower Upper

70 100

42 41.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

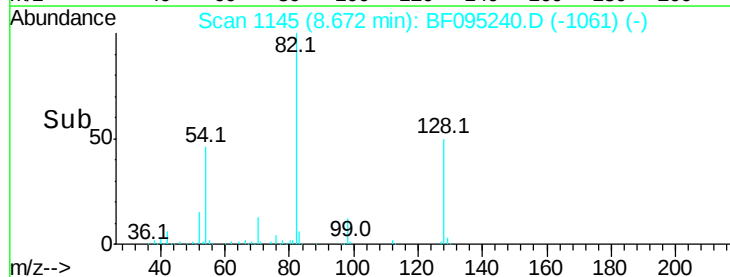
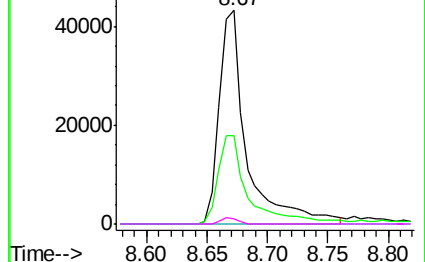


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

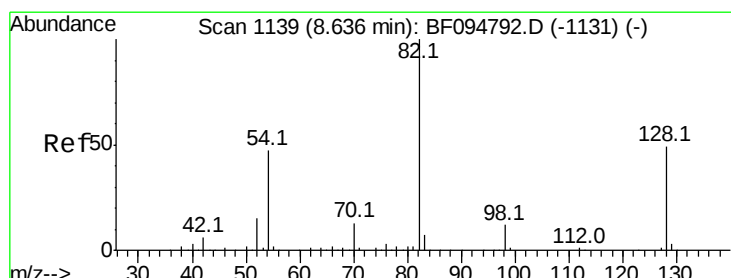
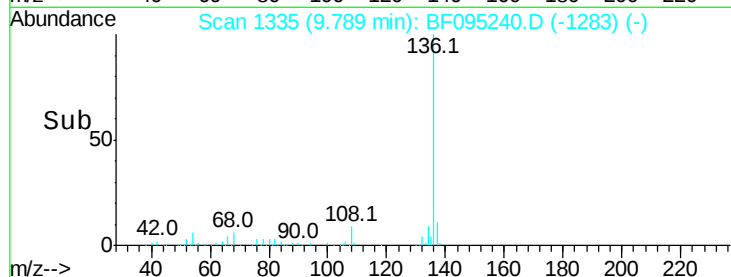
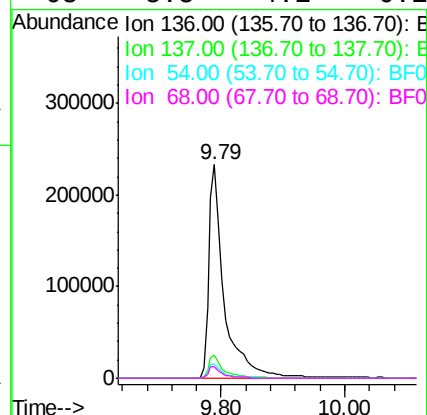
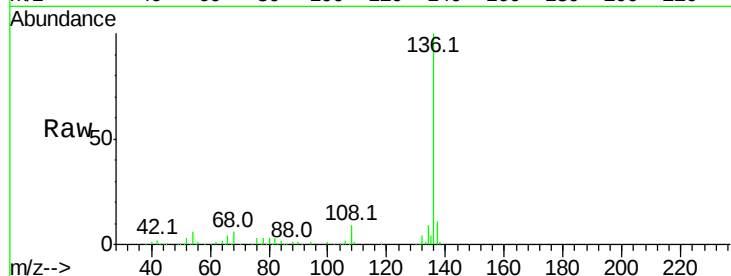




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

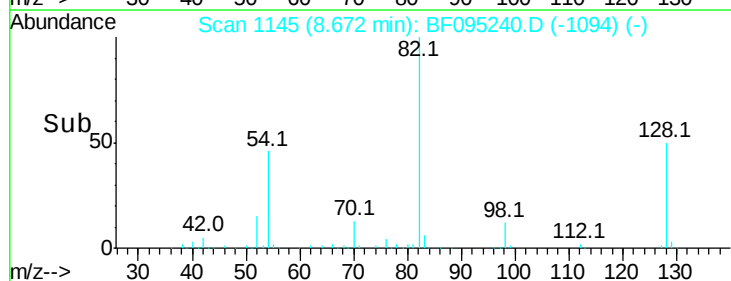
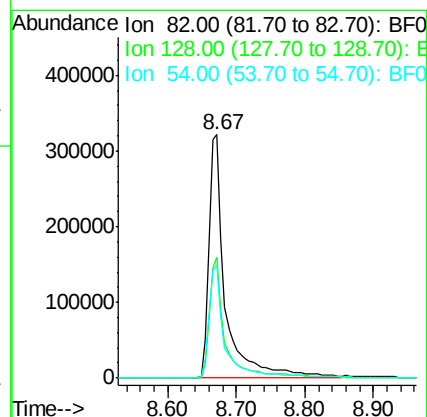
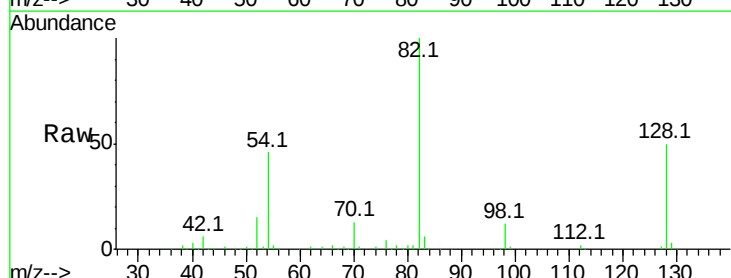
Instrument :
BNA_F
ClientSampleId :

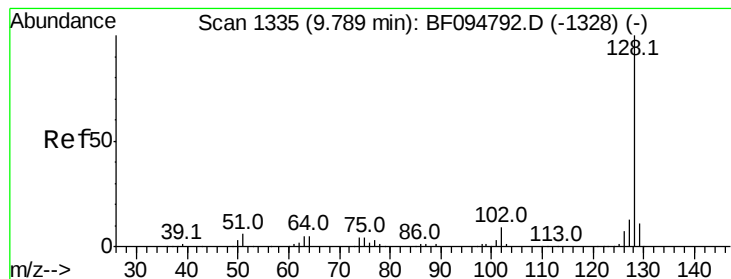
Tot Ion:136	Resp:	407478
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.4	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.04 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Tgt Ion: 82	Resp:	555975
Ion Ratio	Lower	Upper
82	100	
128	49.6	34.0 51.0
54	46.4	42.2 63.2





#31

Naphthalene

Concen: 3.87 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampleId :

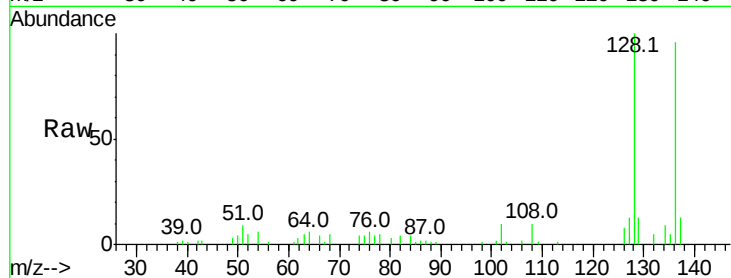
Tot Ion:128 Resp: 79198

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

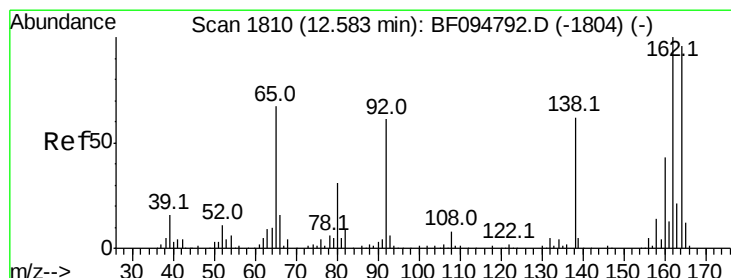
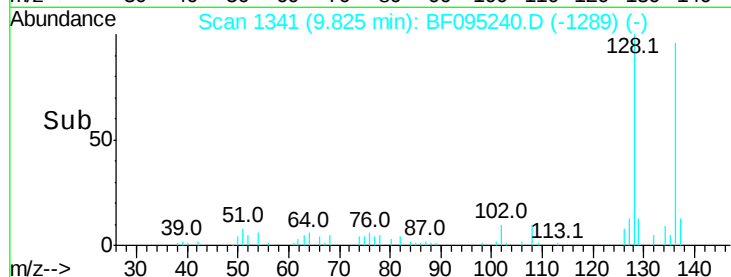
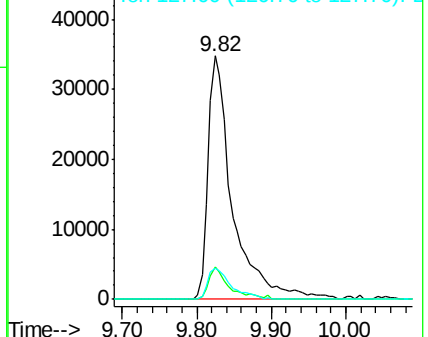
127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

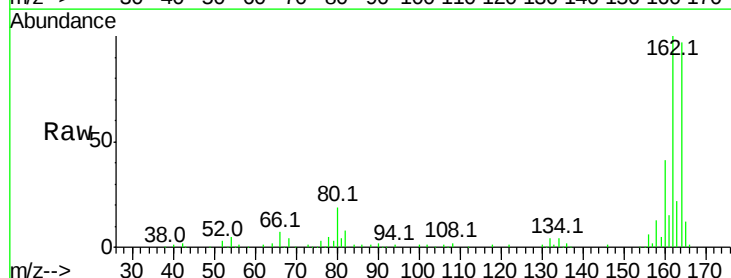
Tgt Ion:164 Resp: 201539

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

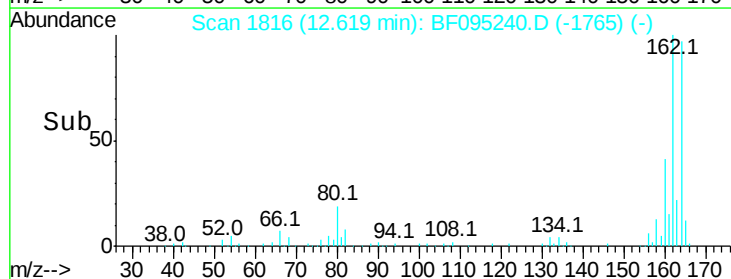
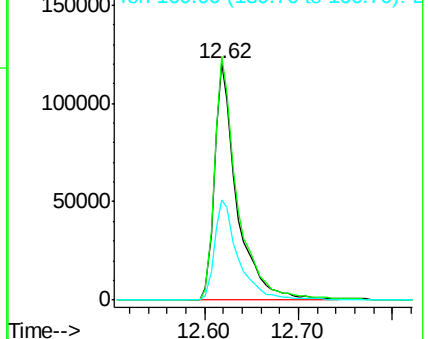
160 42.1 36.2 54.2



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

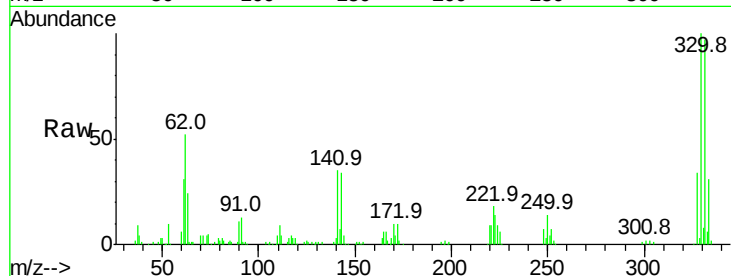




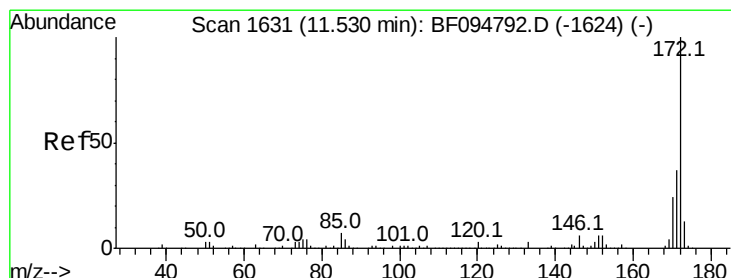
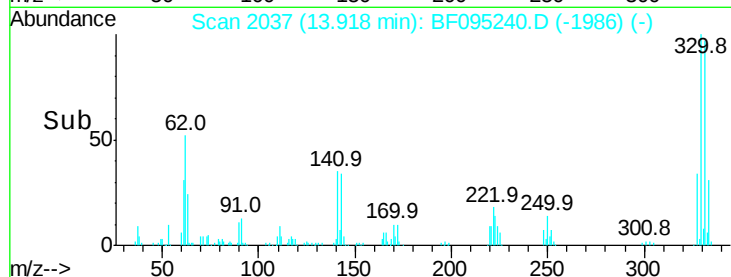
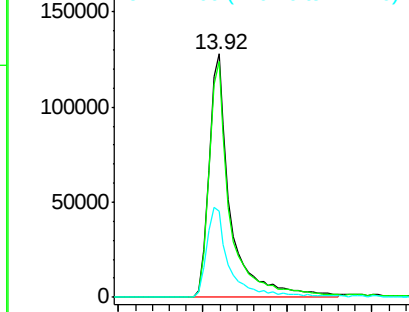
#41
 2,4,6-Tribromophenol
 Concen: 138.41 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 228459
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.4 31.4 47.2

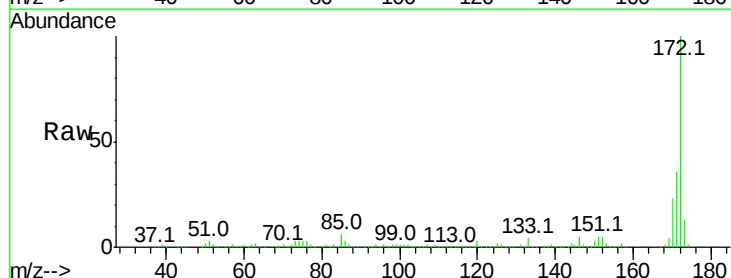


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

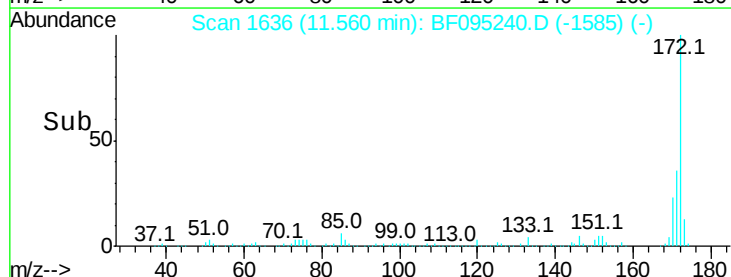
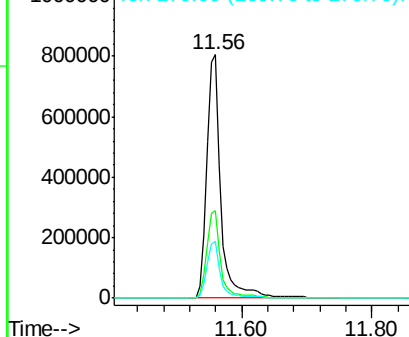


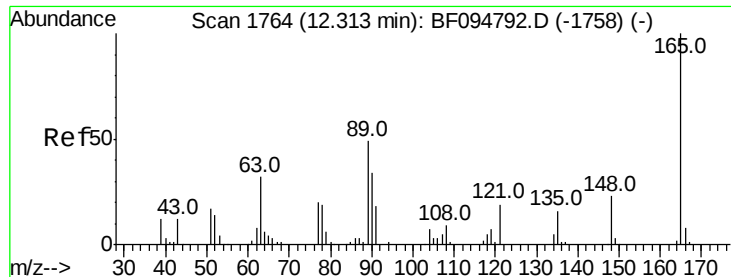
#44
 2-Fluorobiphenyl
 Concen: 86.83 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

Tgt Ion:172 Resp: 1215767
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.3 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

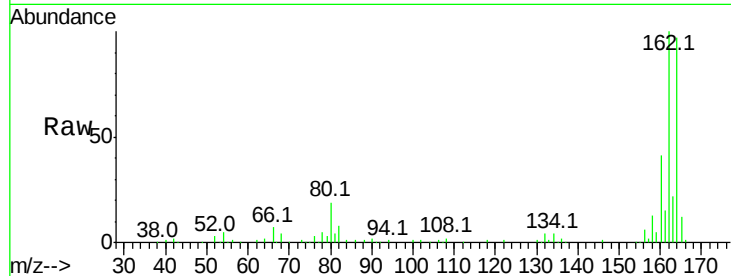




#50
 2,6-Dinitrotoluene
 Concen: 5.96 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

Instrument :
 BNA_F
 ClientSampleId :

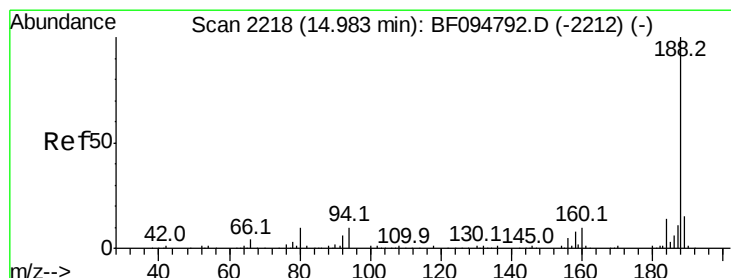
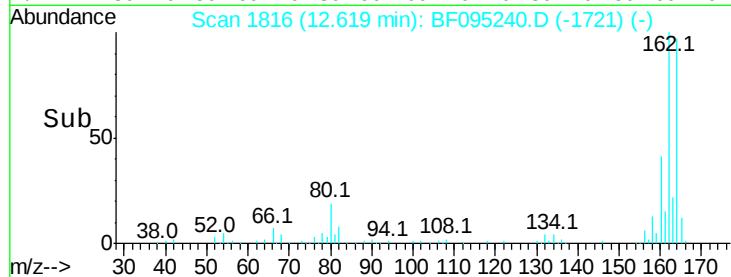
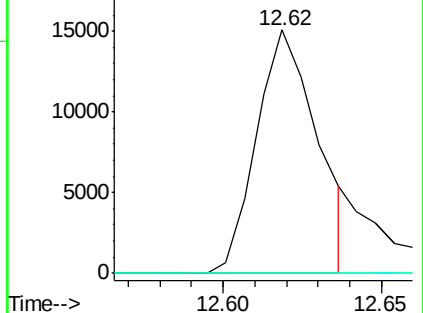
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

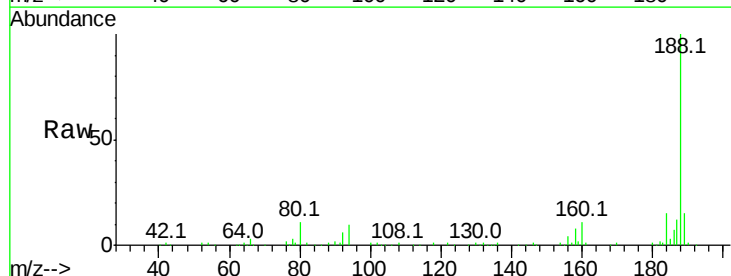
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

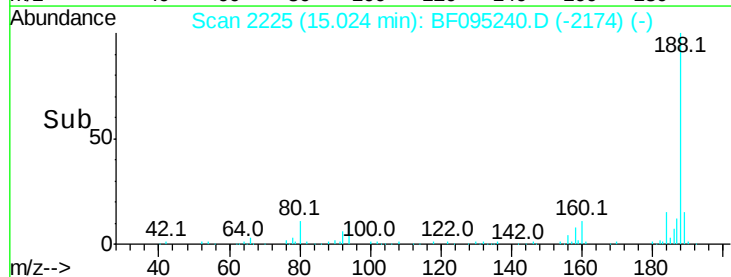
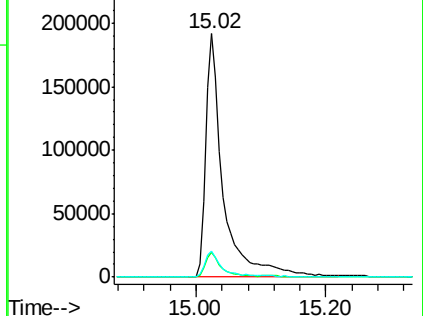
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2



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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampleId :

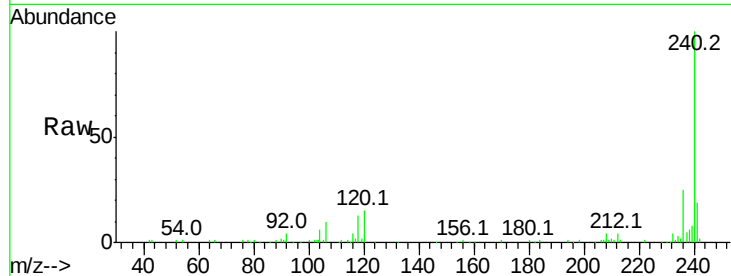
Tot Ion:240 Resp: 228719

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

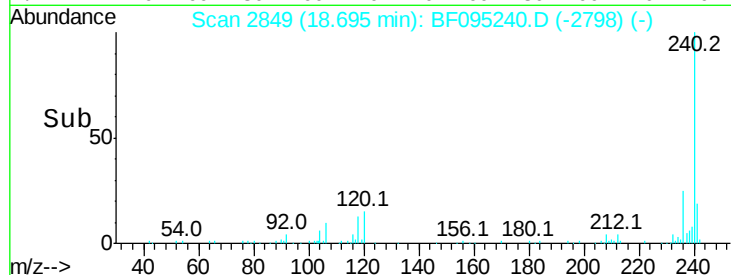
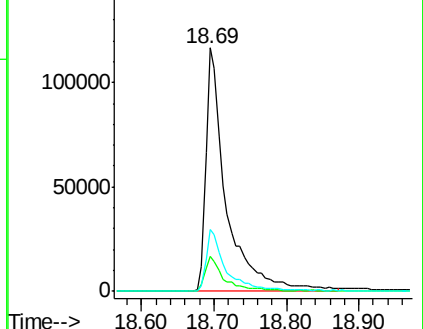
236 25.3 20.5 30.7



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: 103.78 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

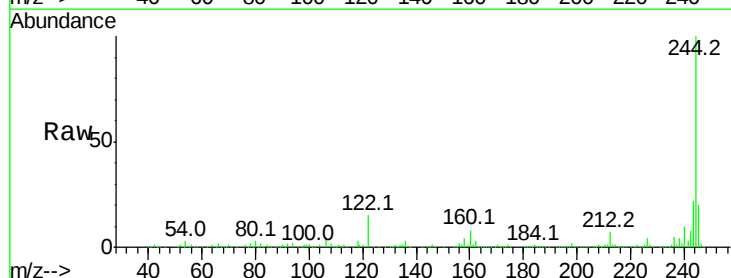
Tgt Ion:244 Resp: 1077651

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

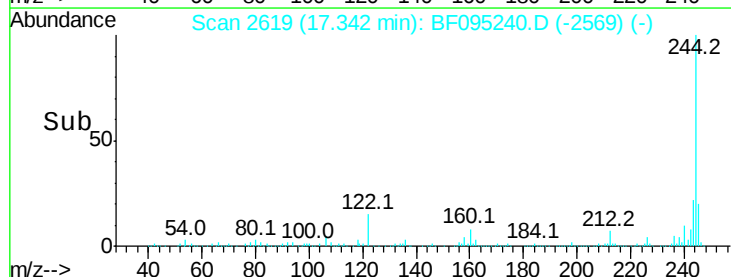
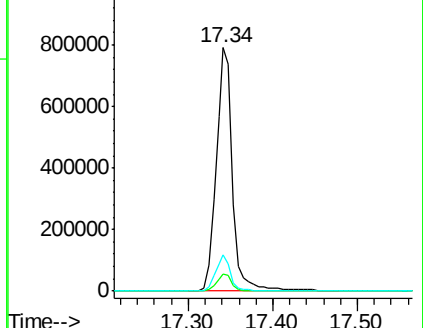
122 14.7 10.3 15.5



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

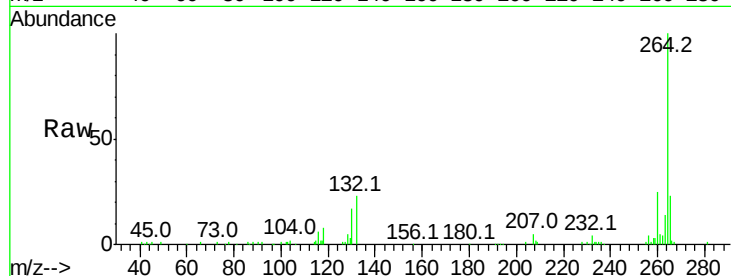




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.2	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

