

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076818.D
 Acq On : 12 Jan 2015 20:40
 Operator : IZ / TP
 Sample : G1044-10
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Quant Time: Jan 13 01:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

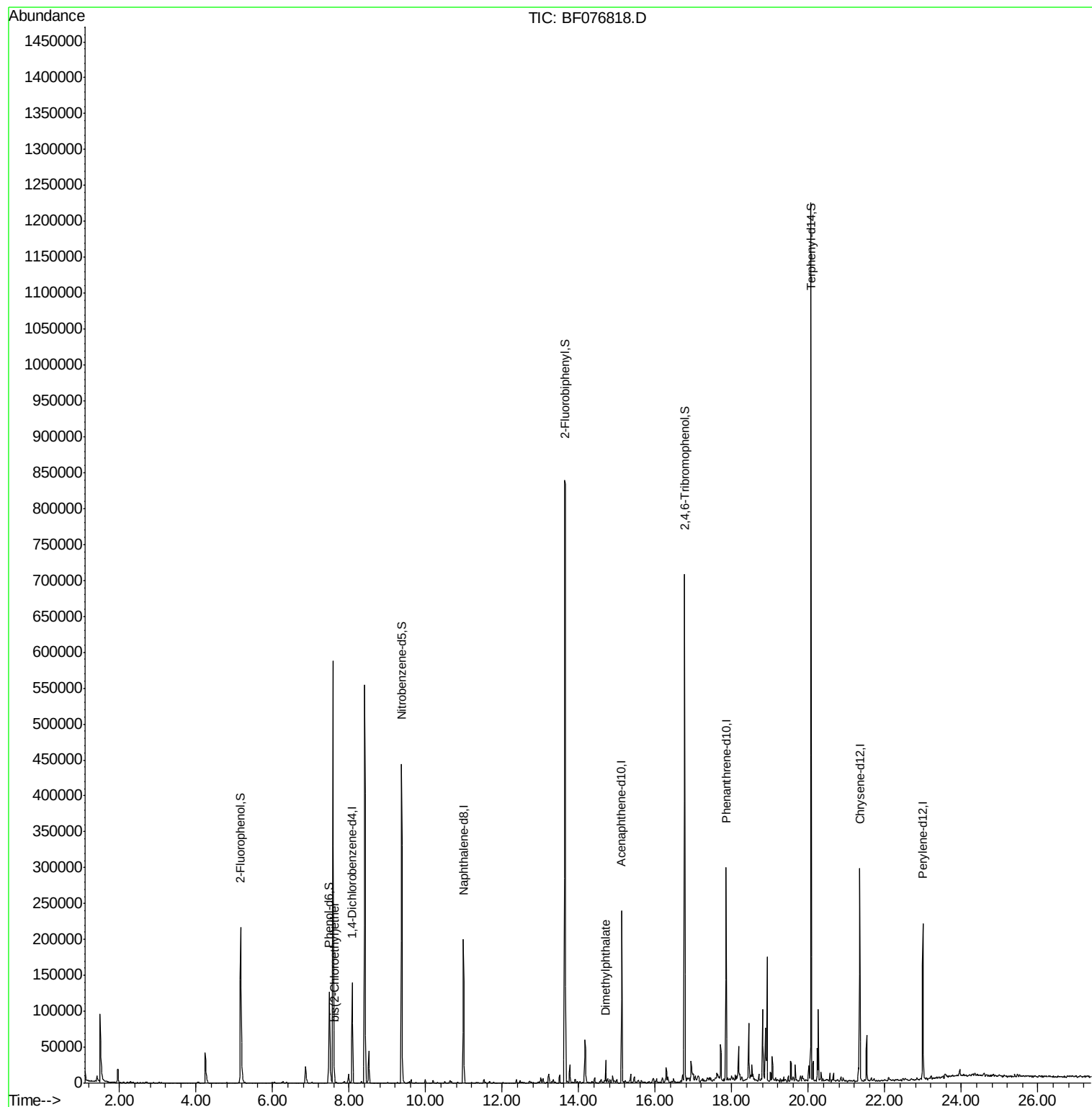
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35906	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	153577	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	86466	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	134827	20.00	ng	0.00
75) Chrysene-d12	21.34	240	125530	20.00	ng	-0.01
86) Perylene-d12	23.00	264	110383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	113089	52.56	ng	-0.01
7) Phenol-d6	7.48	99	83377	30.78	ng	-0.02
23) Nitrobenzene-d5	9.37	82	240802	87.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	90250	125.05	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	503444	85.69	ng	0.00
78) Terphenyl-d14	20.07	244	416215	72.80	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	7.61	93	5115	2.16	ng	Qvalue # 82
49) Dimethylphthalate	14.70	163	21988	3.50	ng	96

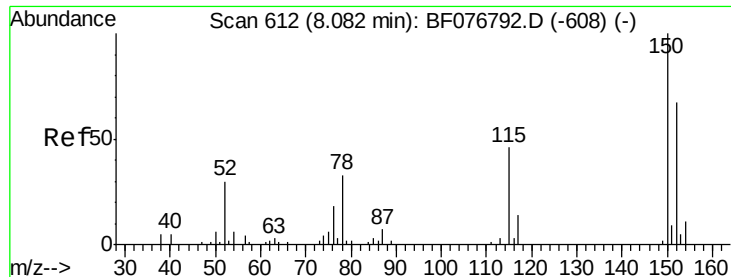
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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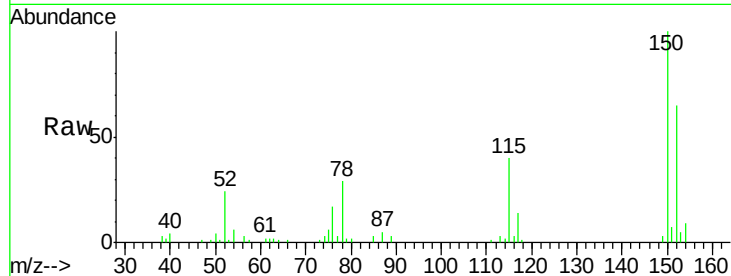


#1

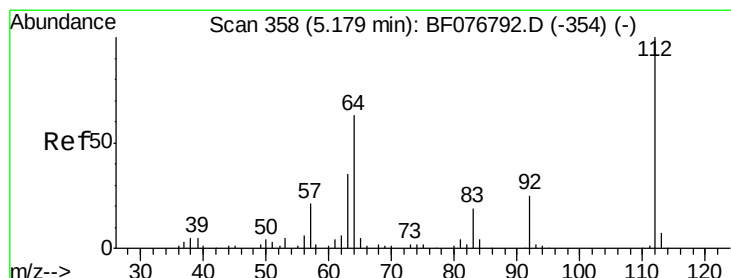
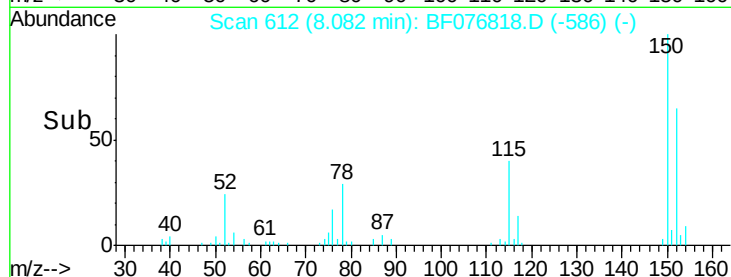
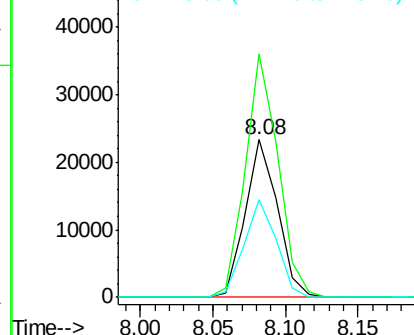
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Instrument :
BNA_F
ClientSampleId :
SP-10

Tot Ion:152 Resp: 35906
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 61.8 54.6 81.8



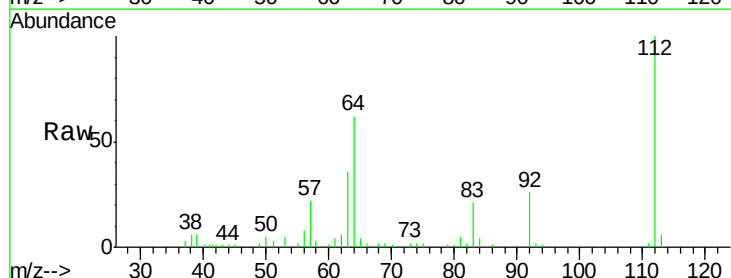
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



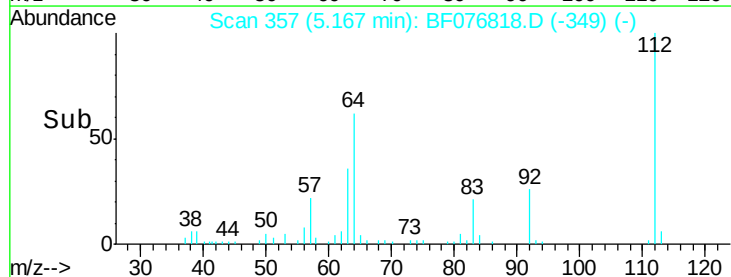
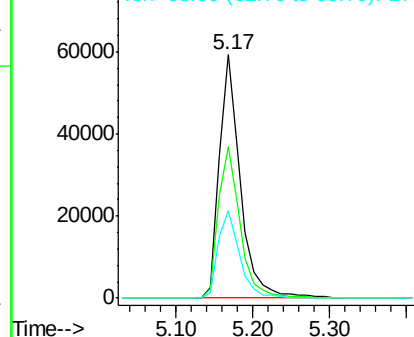
#5

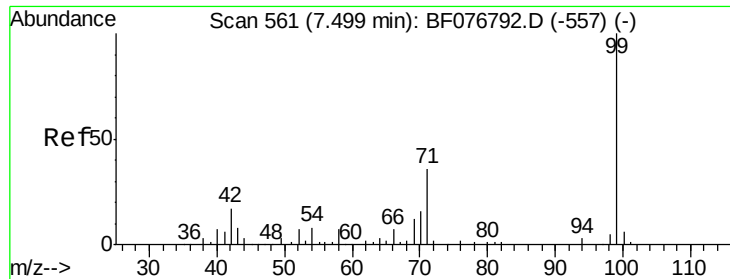
2-Fluorophenol
Concen: 52.56 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Tgt Ion:112 Resp: 113089
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 35.9 27.8 41.6



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: 30.78 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076818.D

Acq: 12 Jan 2015 20:40

Instrument :

BNA_F

ClientSampleID :

SP-10

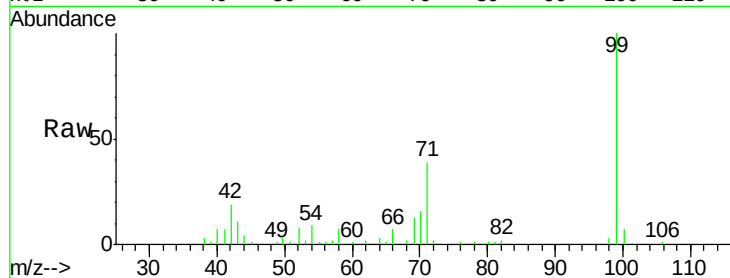
Tot Ion: 99 Resp: 83377

Ion Ratio Lower Upper

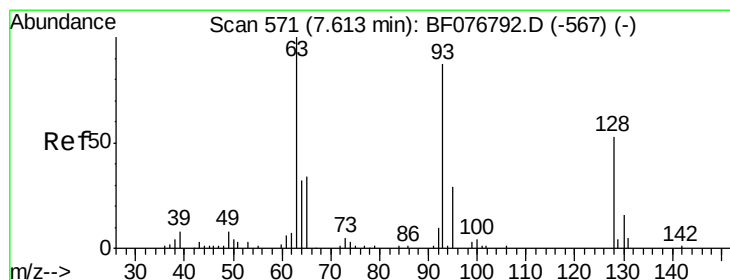
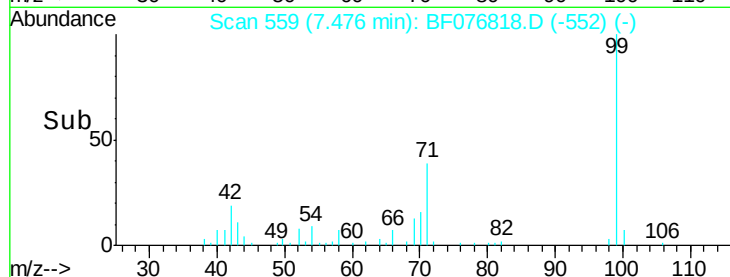
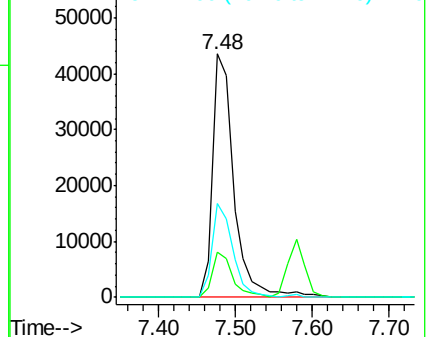
99 100

42 18.6 13.3 19.9

71 38.7 29.2 43.8



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



#11

bis(2-Chloroethyl)ether

Concen: 2.16 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF076818.D

Acq: 12 Jan 2015 20:40

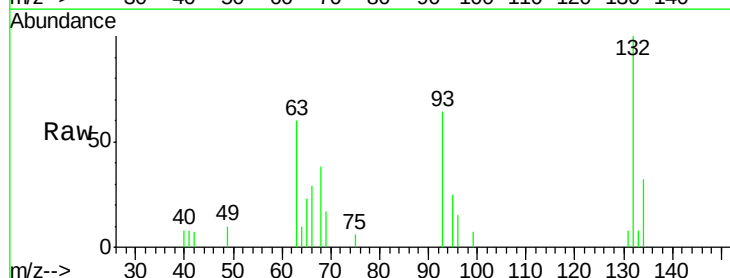
Tgt Ion: 93 Resp: 5115

Ion Ratio Lower Upper

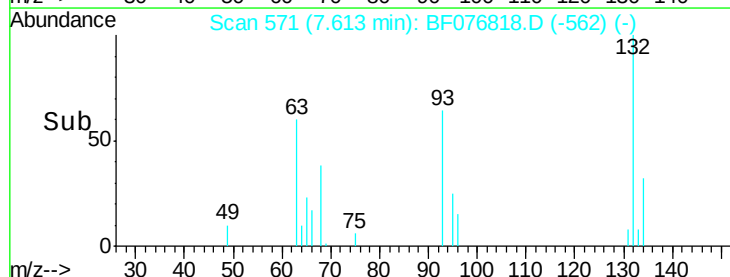
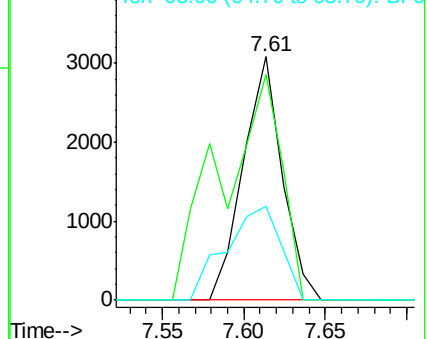
93 100

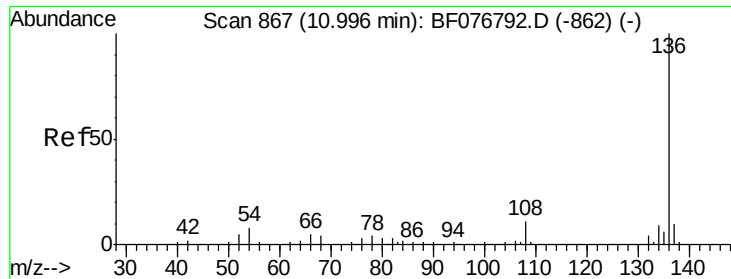
63 93.0 96.1 136.1#

95 38.5 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

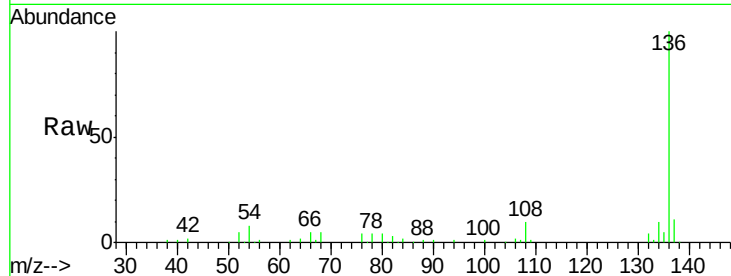




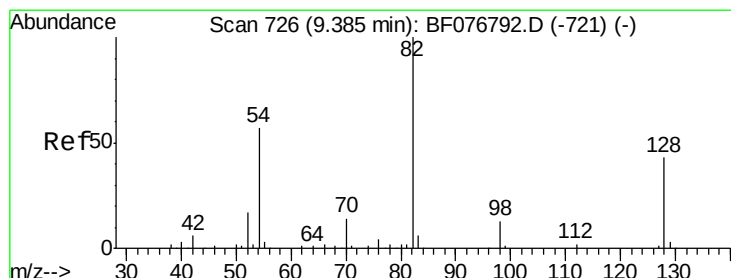
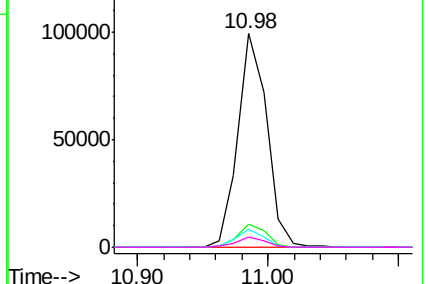
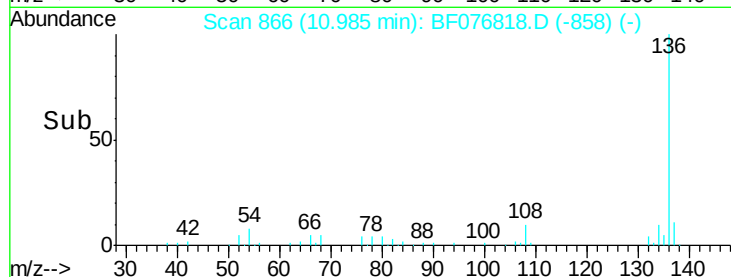
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Instrument :
BNA_F
ClientSampleId :
SP-10

Tot Ion:136	Resp:	153577
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.1 12.1
54	8.3	6.3 9.5
68	5.1	3.4 5.0#

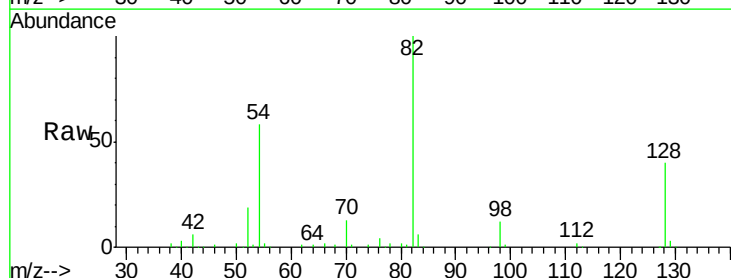


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

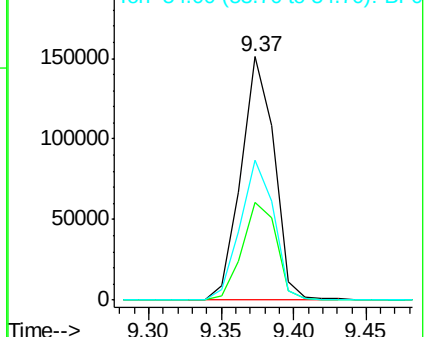
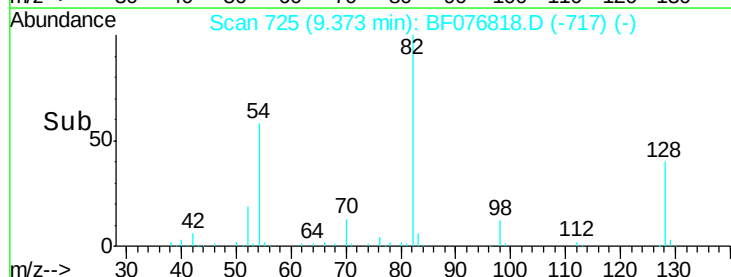


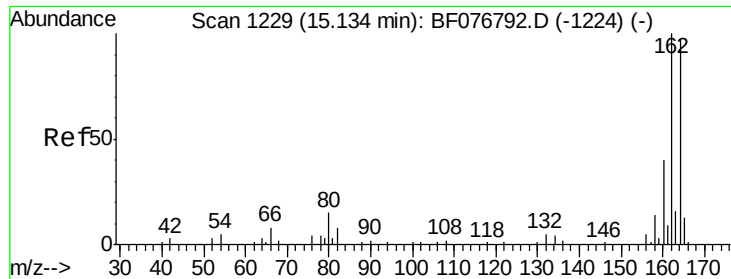
#23
Nitrobenzene-d5
Concen: 87.13 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Tgt Ion: 82	Resp:	240802
Ion	Ratio	Lower Upper
82	100	
128	40.2	34.0 51.0
54	57.7	45.6 68.4



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: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076818.D

Acq: 12 Jan 2015 20:40

Instrument :

BNA_F

ClientSampleId :

SP-10

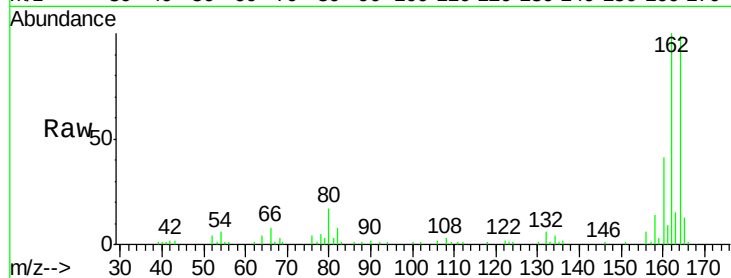
Tot Ion:164 Resp: 86466

Ion Ratio Lower Upper

164 100

162 101.4 82.5 123.7

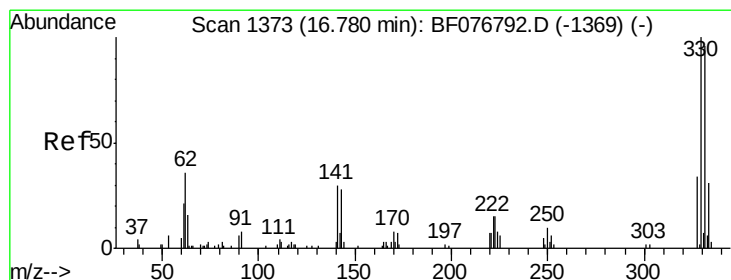
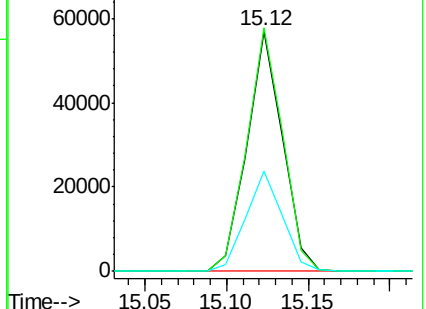
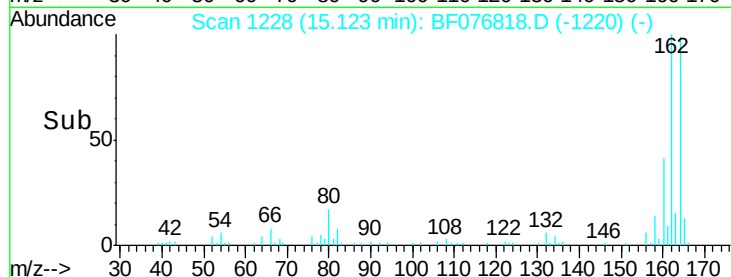
160 41.8 33.1 49.7



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: 125.05 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076818.D

Acq: 12 Jan 2015 20:40

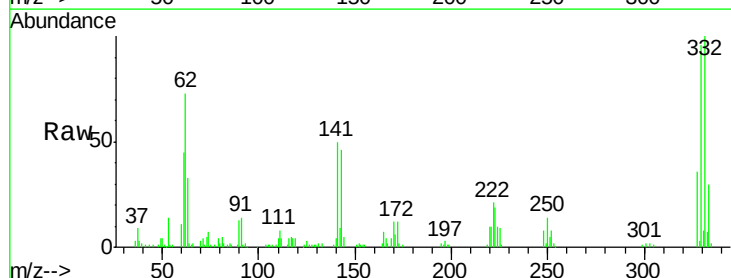
Tgt Ion:330 Resp: 90250

Ion Ratio Lower Upper

330 100

332 101.4 74.8 112.2

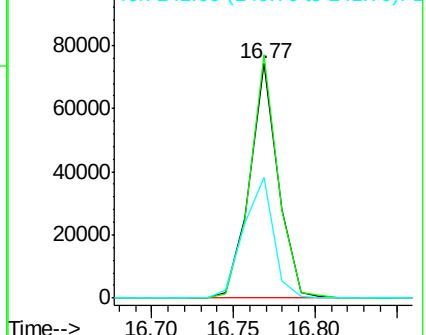
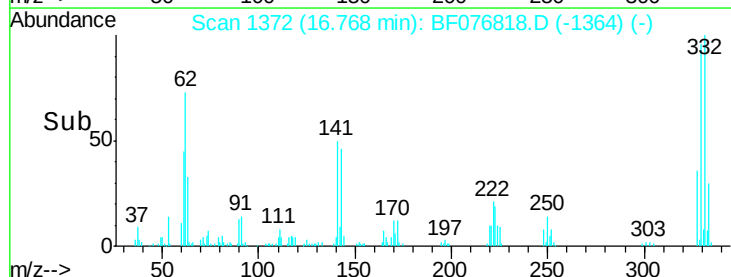
141 53.3 42.4 63.6

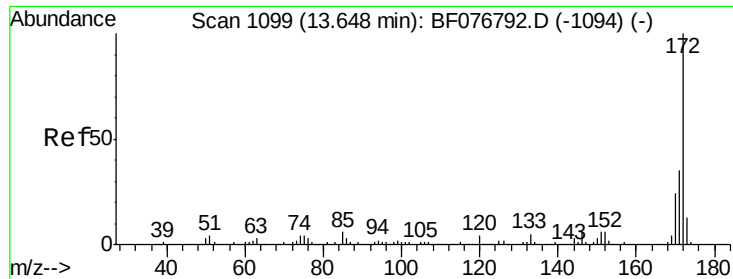


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

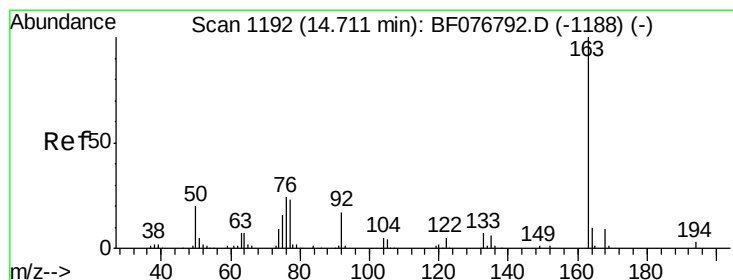
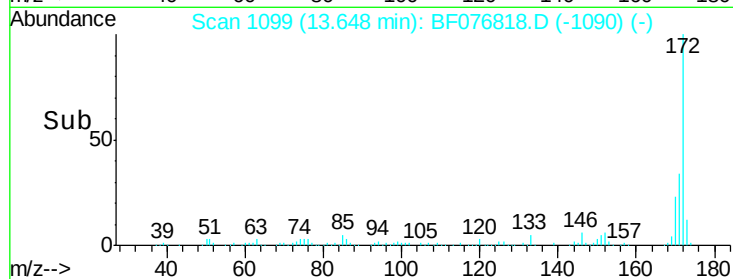
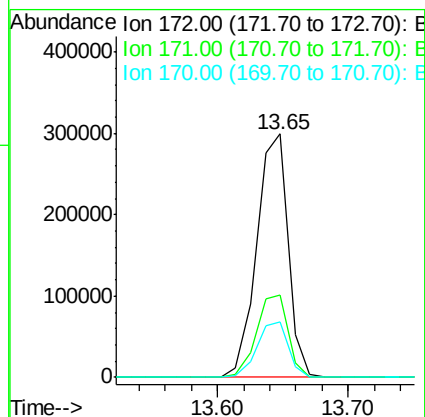
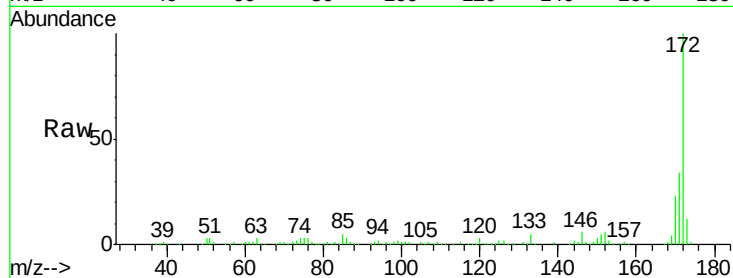




#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076818.D
 Acq: 12 Jan 2015 20:40

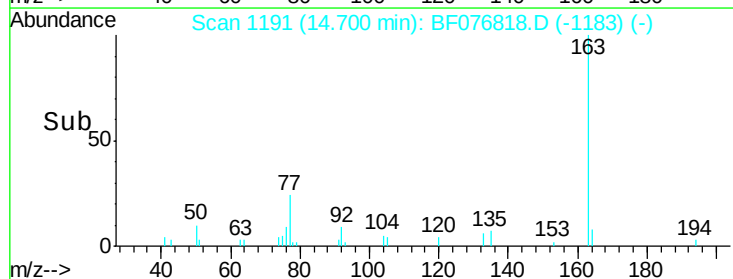
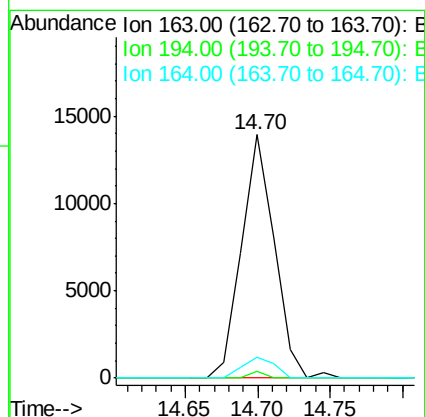
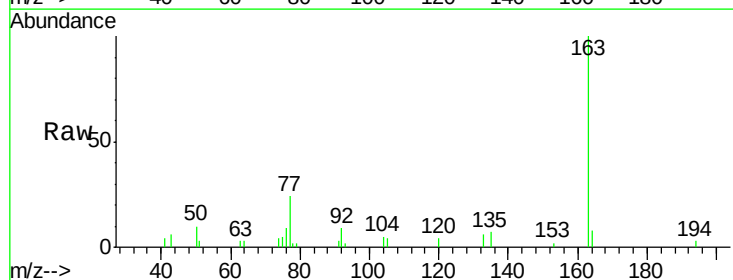
Instrument :
 BNA_F
 ClientSampleId :
 SP-10

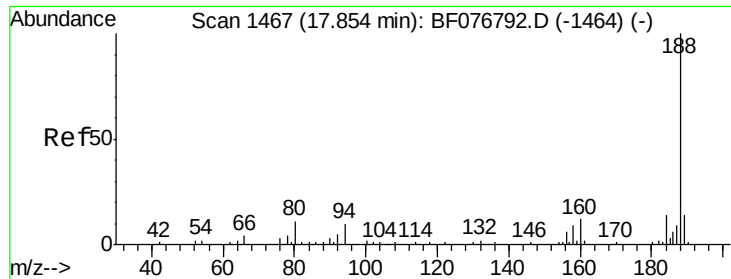
Tot Ion:172 Resp: 503444
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.8 41.8
 170 22.8 18.8 28.2



#49
 Dimethylphthalate
 Concen: 3.50 ng
 RT: 14.70 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF076818.D
 Acq: 12 Jan 2015 20:40

Tgt Ion:163 Resp: 21988
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.3 3.5
 164 8.4 8.3 12.5

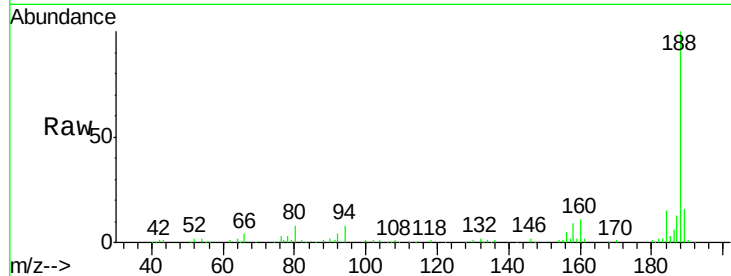




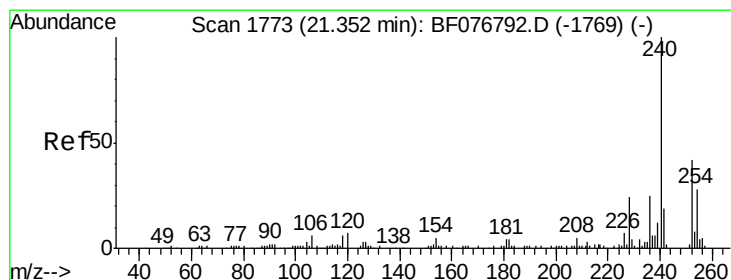
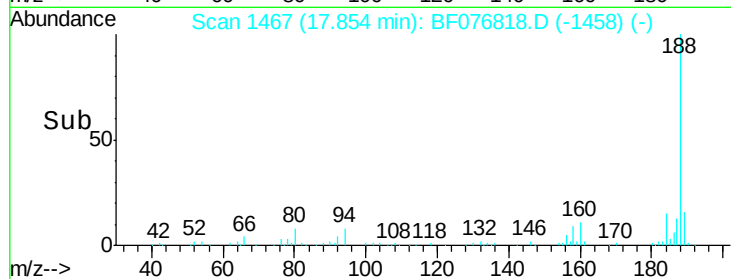
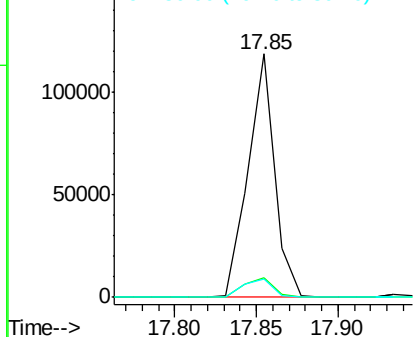
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Instrument :
BNA_F
ClientSampleId :
SP-10

Tot Ion:188 Resp: 134827
Ion Ratio Lower Upper
188 100
94 7.9 7.8 11.6
80 7.8 8.6 13.0#

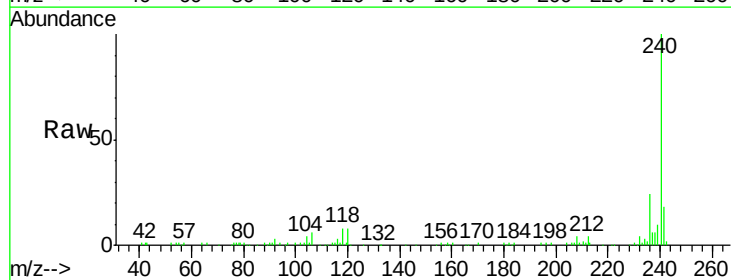


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

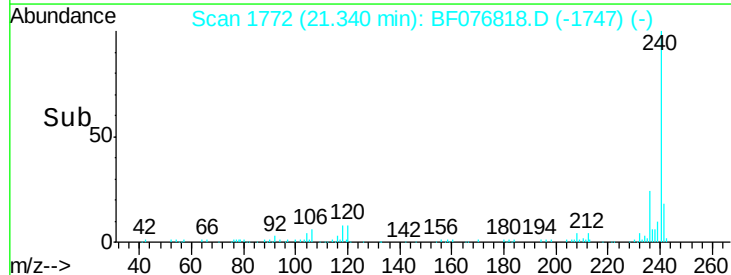
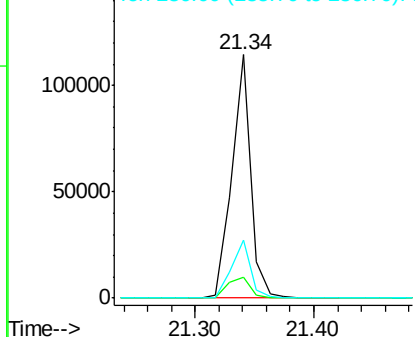


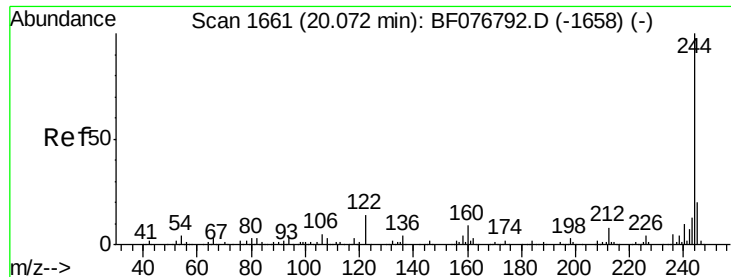
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076818.D
Acq: 12 Jan 2015 20:40

Tgt Ion:240 Resp: 125530
Ion Ratio Lower Upper
240 100
120 8.4 5.7 8.5
236 24.1 19.7 29.5



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

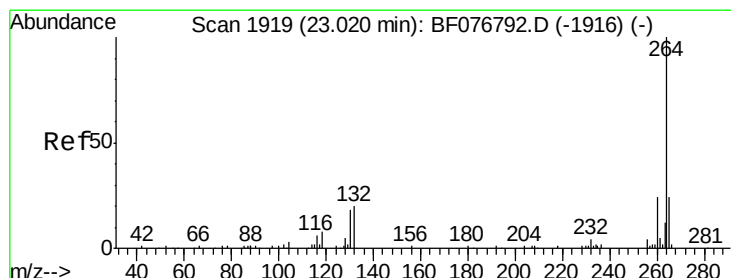
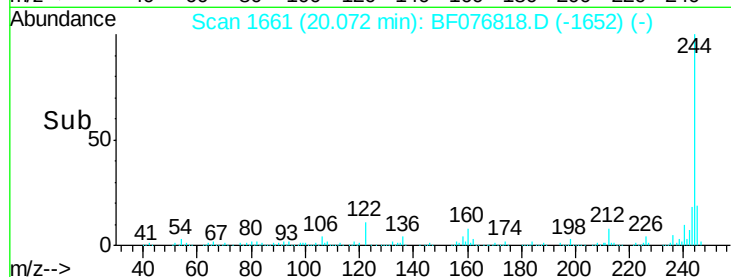
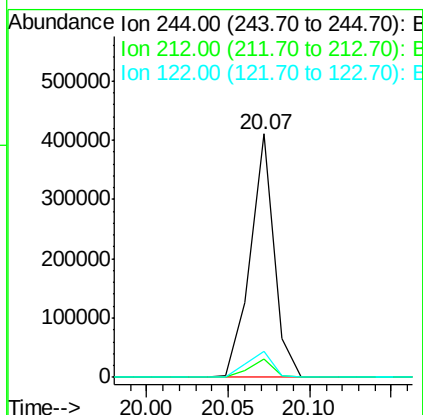
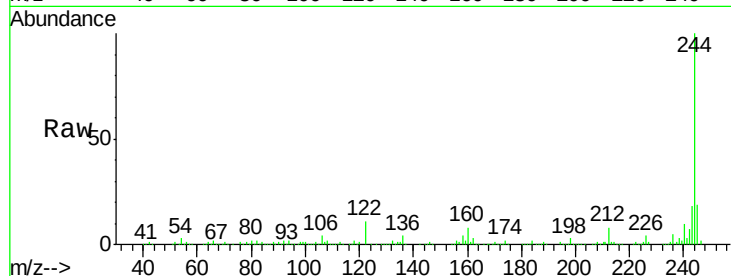




#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF076818.D
 Acq: 12 Jan 2015 20:40

Instrument :
 BNA_F
 ClientSampled :
 SP-10

Tot Ion:244 Resp: 416215
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.7 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BF076818.D
 Acq: 12 Jan 2015 20:40

Tgt Ion:264 Resp: 110383
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 20.8 18.9 28.3

