

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104981.D
 Acq On : 1 May 2018 14:08
 Operator : JU/SJ
 Sample : J2616-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROBEL-2

Quant Time: May 02 10:17:37 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

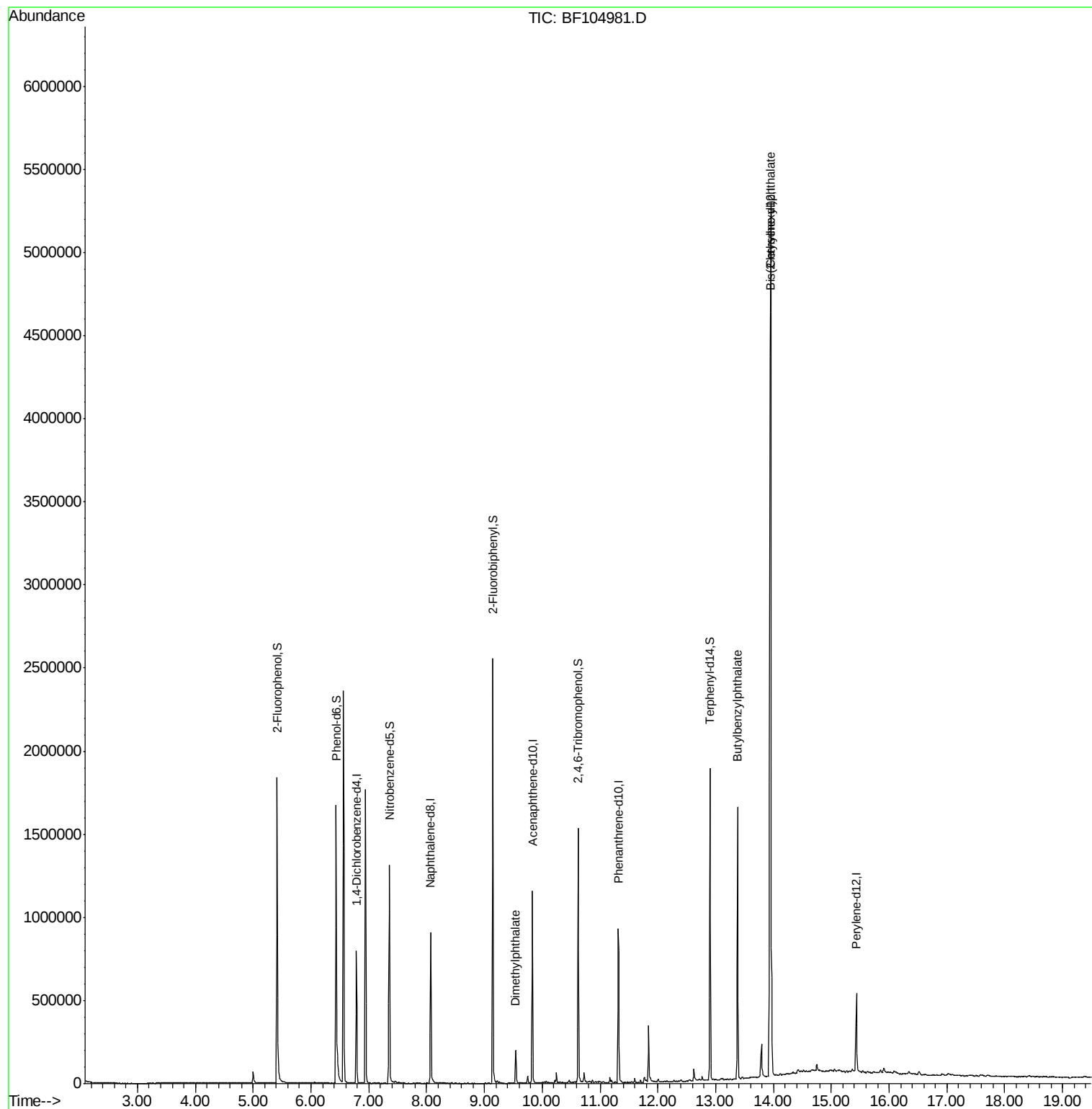
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111720	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472818	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	217308	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	363936	20.00	ng	0.00
75) Chrysene-d12	13.96	240	199099	20.00	ng	-0.01
86) Perylene-d12	15.43	264	218560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	622072	85.14	ng	0.00
7) Phenol-d6	6.43	99	757415	84.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	454850	62.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	194480	86.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	816558	59.36	ng	0.00
78) Terphenyl-d14	12.90	244	633714	72.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	97396	5.684	ng	Qvalue 100
79) Butylbenzylphthalate	13.38	149	415805	59.805	ng	95
83) Bis(2-ethylhexyl)phthalate	13.95	149	2731518	305.441	ng	# 100

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

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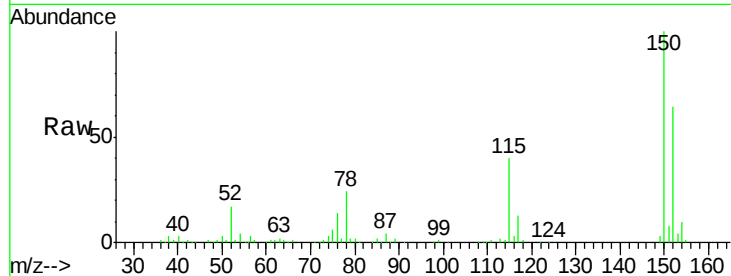


#1

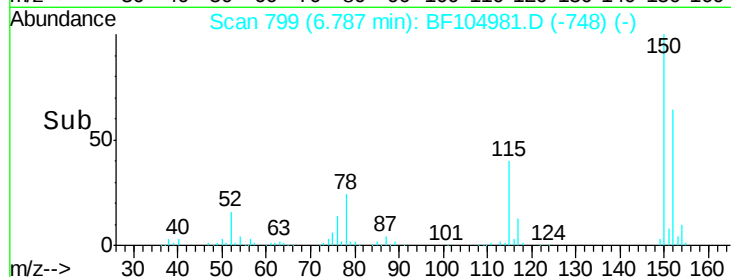
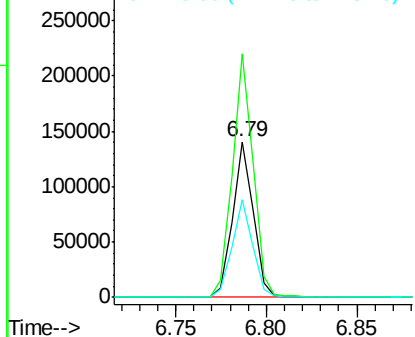
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampled :
ROBEL-2

Tgt Ion:152 Resp: 111720
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 63.0 50.1 75.1



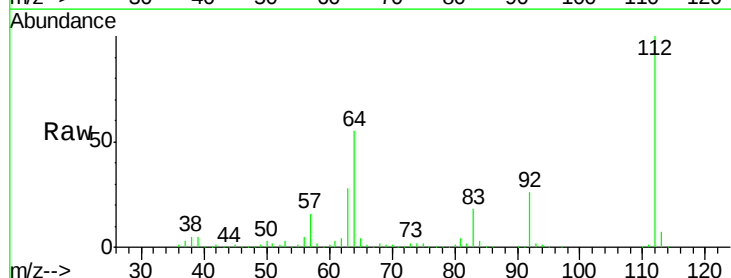
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



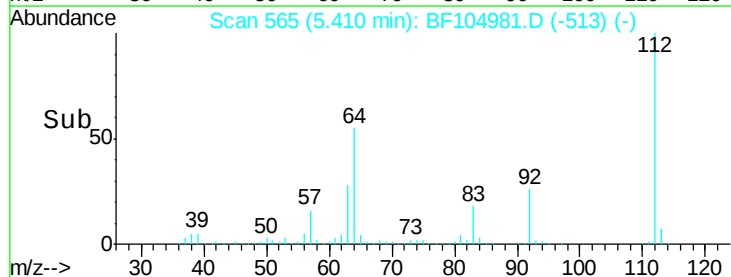
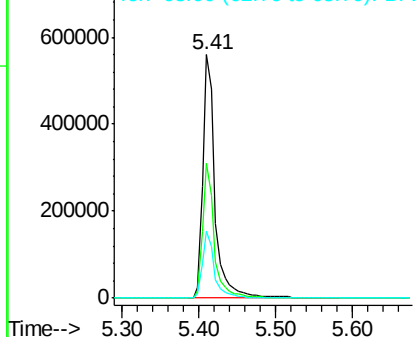
#5

2-Fluorophenol
Concen: 85.140 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:112 Resp: 622072
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.370 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Instrument :

BNA_F

ClientSampleId :

ROBEL-2

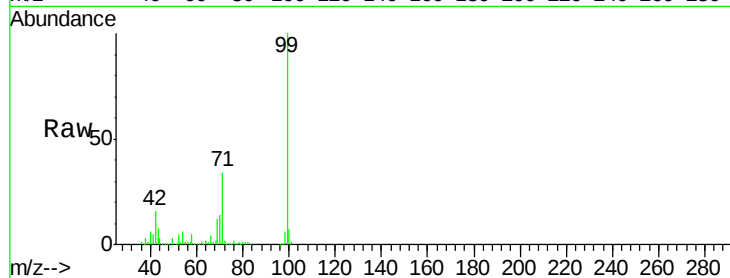
Tgt Ion: 99 Resp: 757415

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

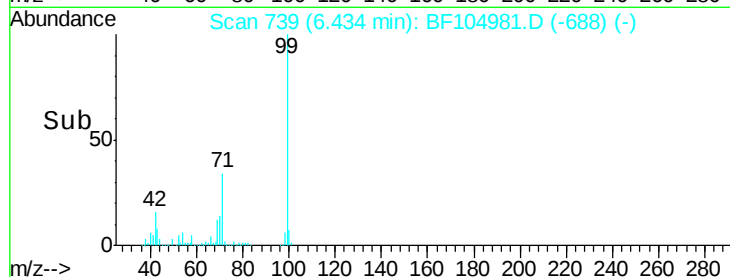
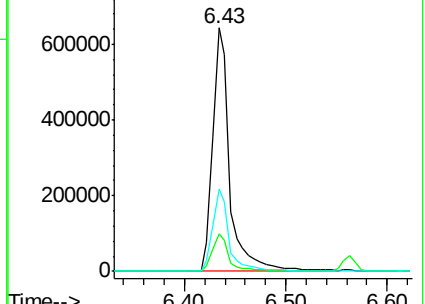
71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Tgt Ion: 136 Resp: 472818

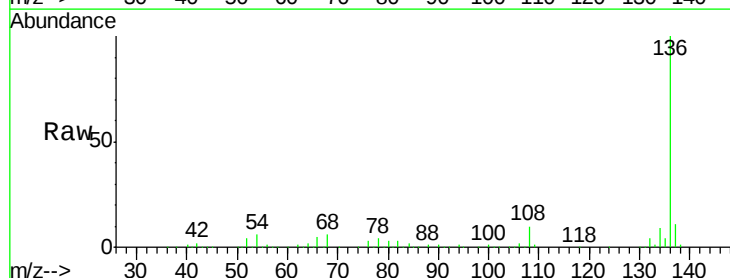
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

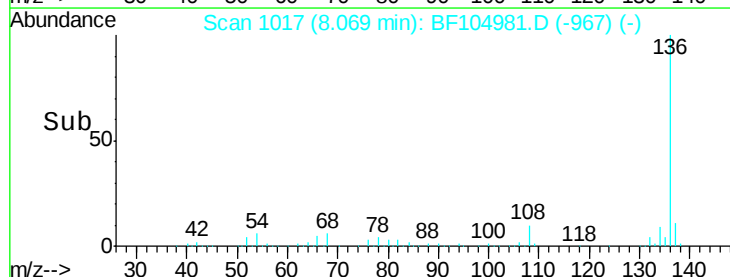
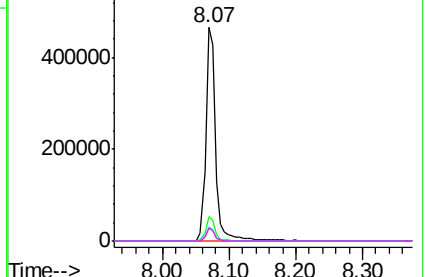


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

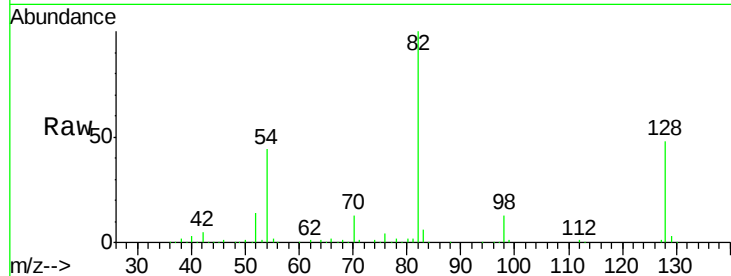




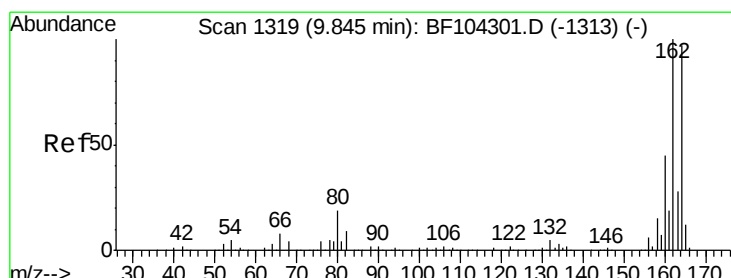
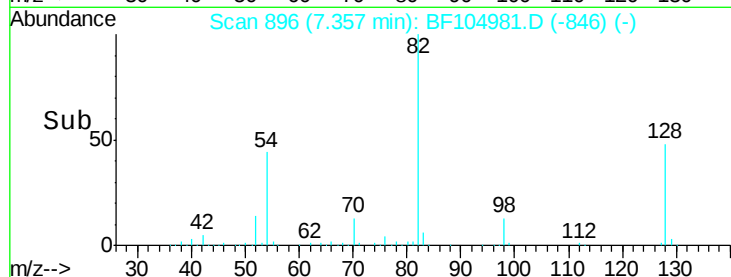
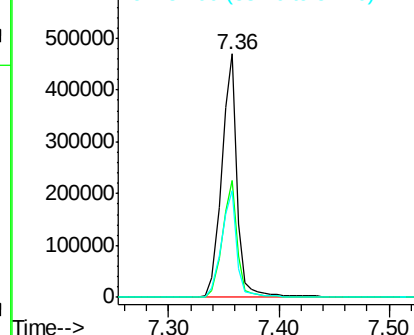
#23
 Nitrobenzene-d5
 Concen: 62.817 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Instrument :
 BNA_F
 ClientSampleId :
 ROBEL-2

Tgt Ion: 82 Resp: 454850
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 43.6 41.4 62.2

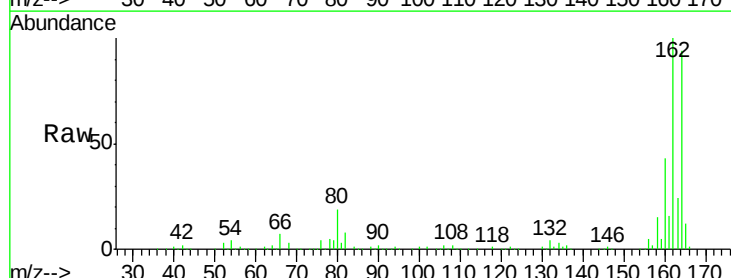


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

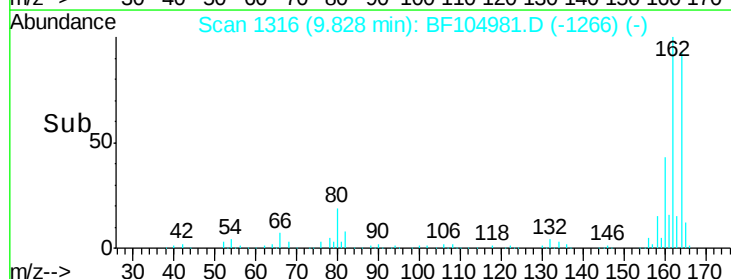
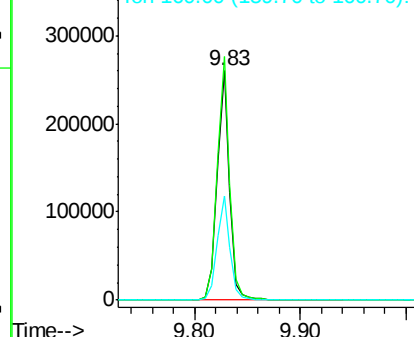


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Tgt Ion: 164 Resp: 217308
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.3 38.3 57.5



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

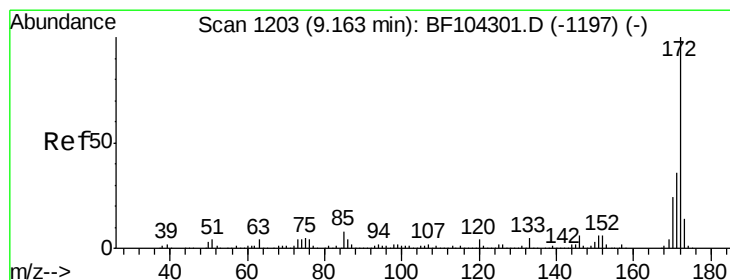
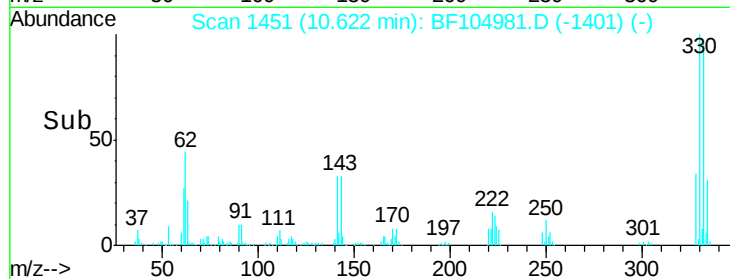
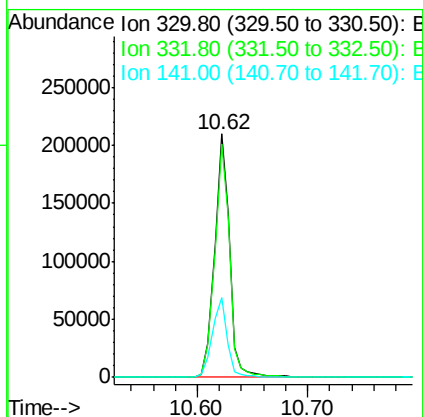
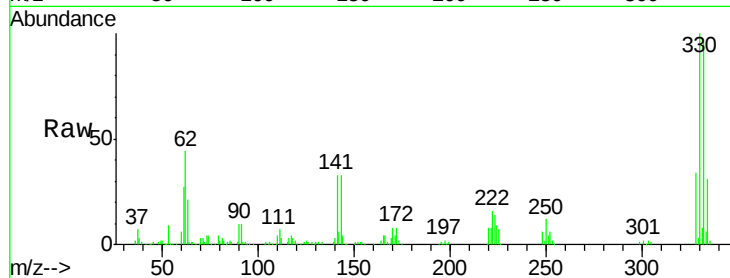




#41
 2,4,6-Tribromophenol
 Concen: 86.275 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

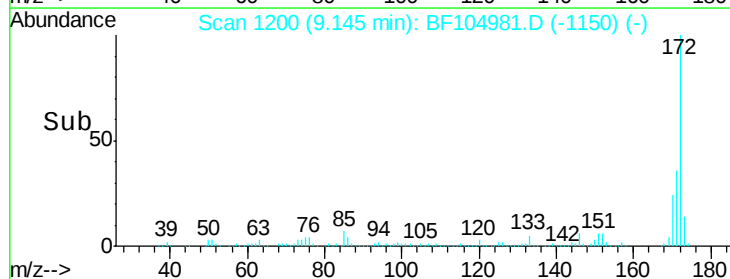
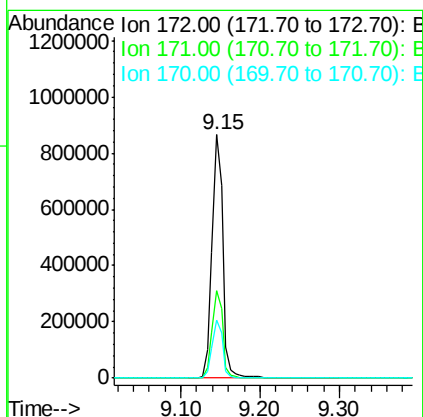
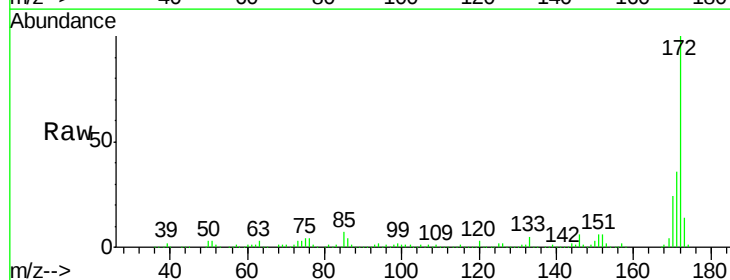
Instrument :
 BNA_F
 ClientSampleId :
 ROBEL-2

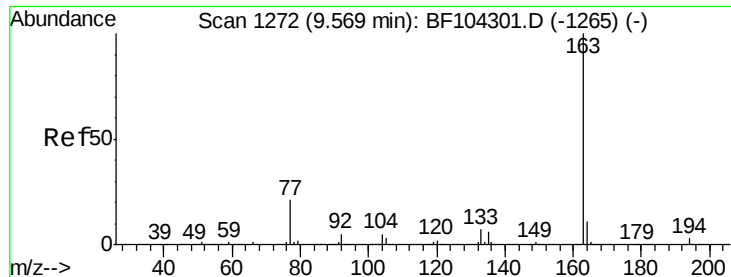
Tgt Ion:330 Resp: 194480
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 59.361 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Tgt Ion:172 Resp: 816558
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4

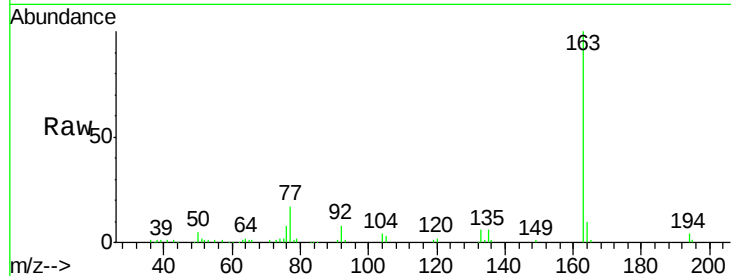




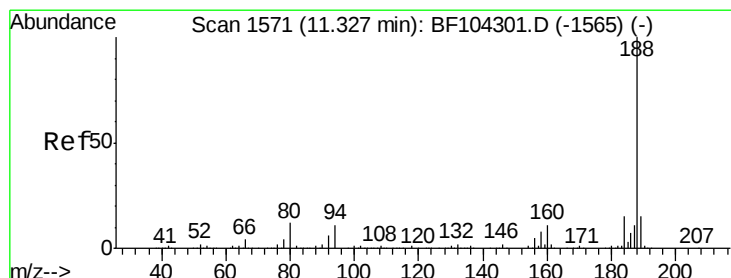
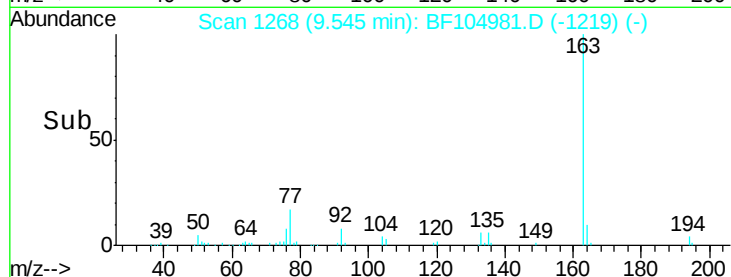
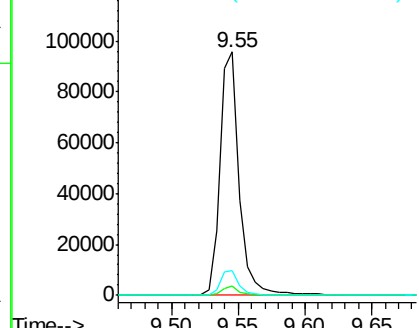
#49
Dimethylphthalate
Concen: 5.684 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampleId :
ROBEL-2

Tgt Ion:163 Resp: 97396
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

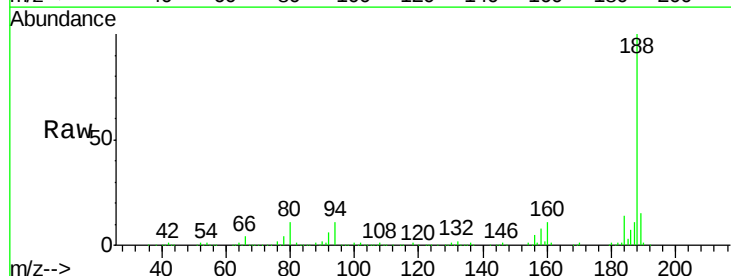


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

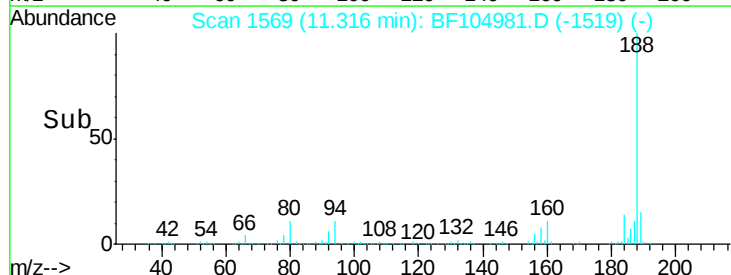
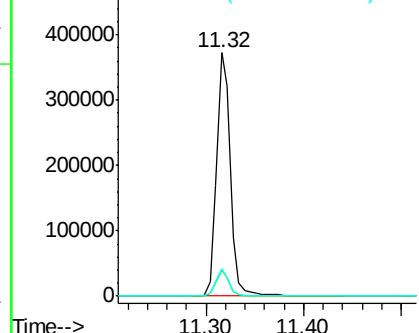


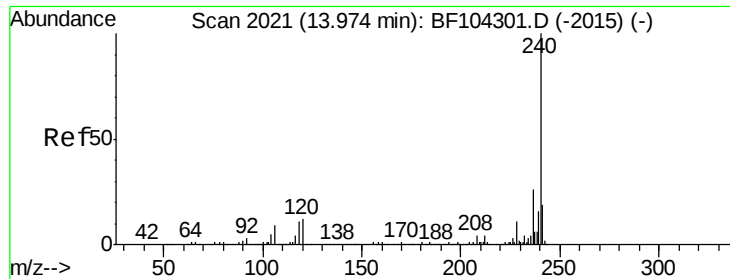
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:188 Resp: 363936
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Instrument :

BNA_F

ClientSampleId :

ROBEL-2

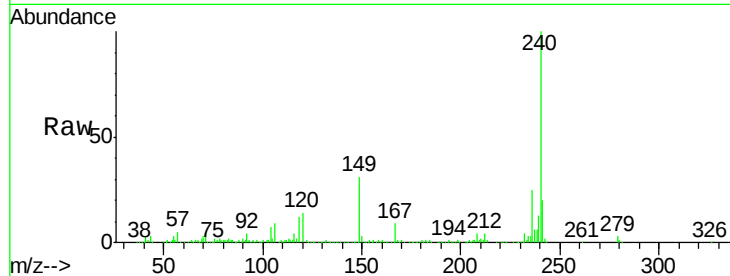
Tgt Ion:240 Resp: 199099

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

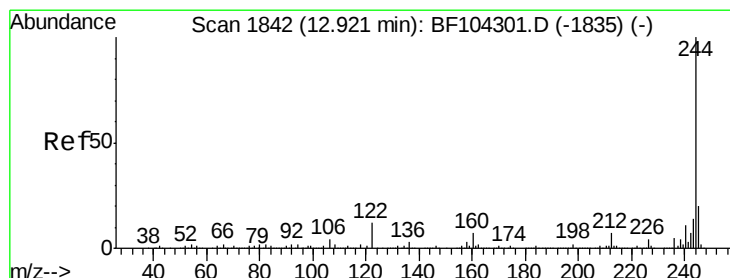
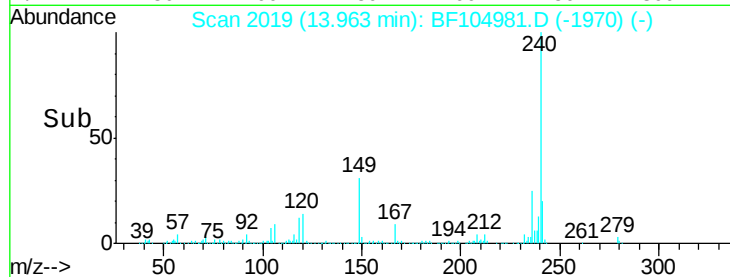
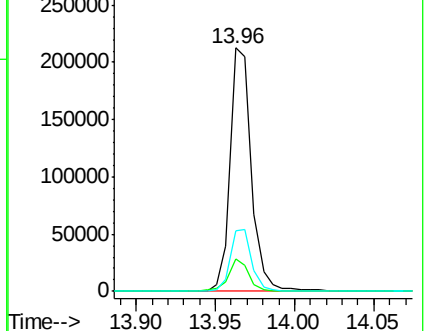
236 24.7 20.7 31.1



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: 72.565 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

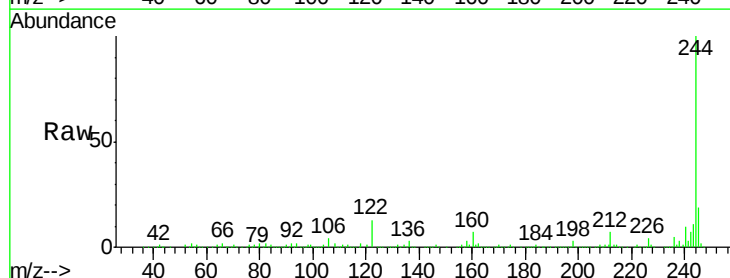
Tgt Ion:244 Resp: 633714

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

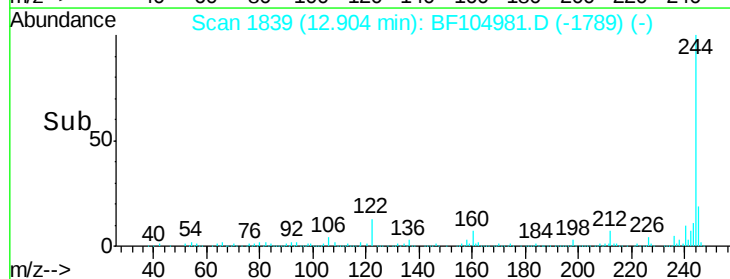
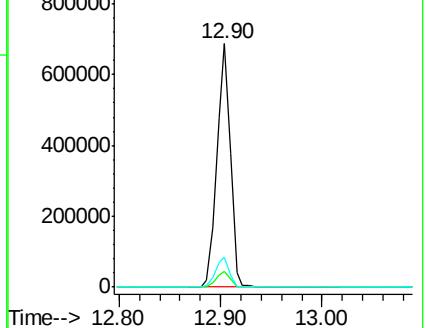
122 12.5 11.0 16.4

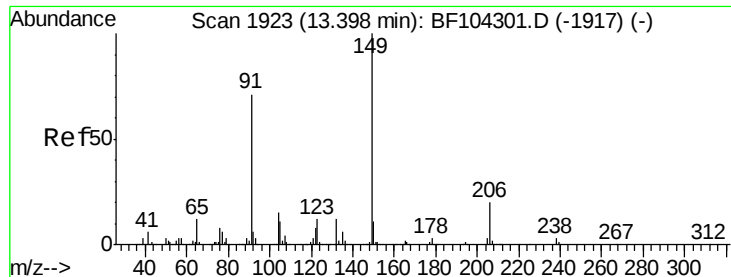


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

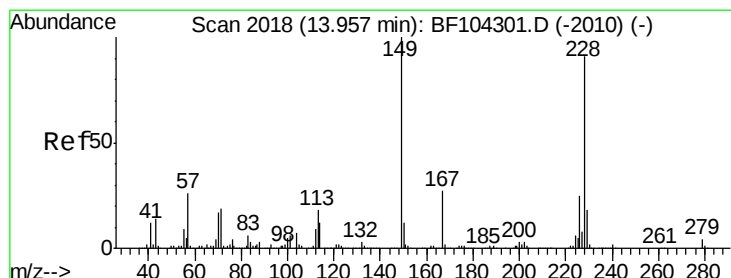
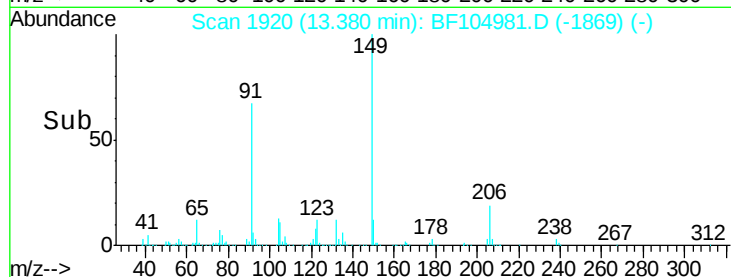
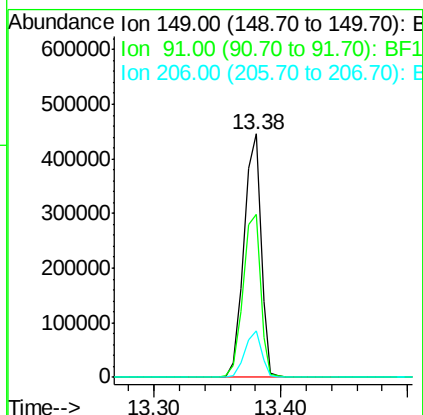
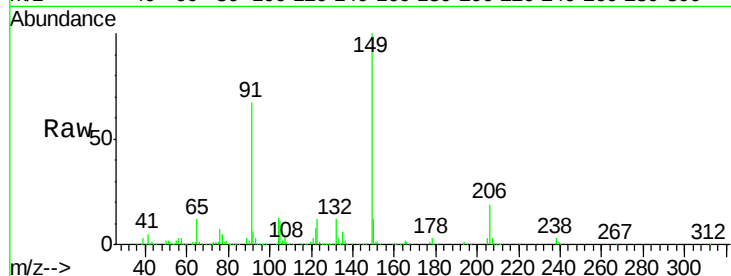




#79
 Butylbenzylphthalate
 Concen: 59.805 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

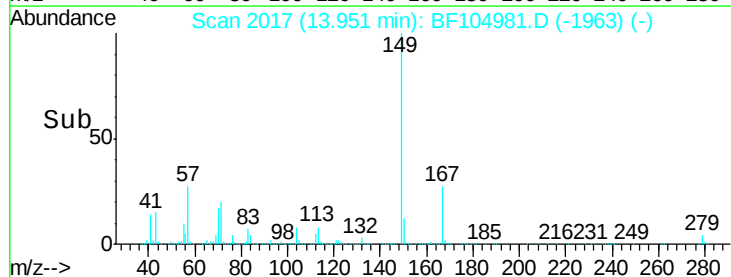
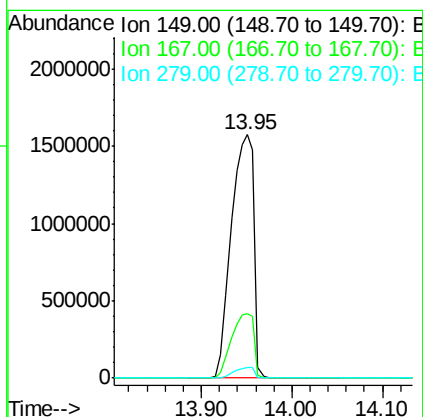
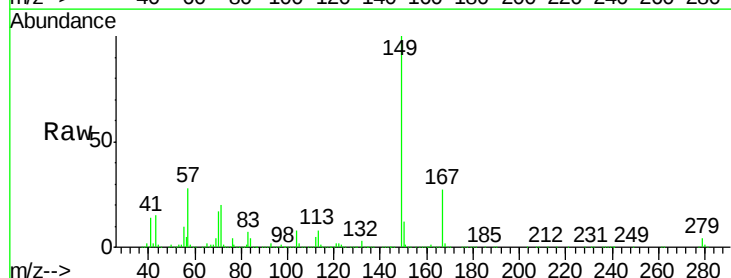
Instrument :
 BNA_F
 ClientSampleId :
 ROBEL-2

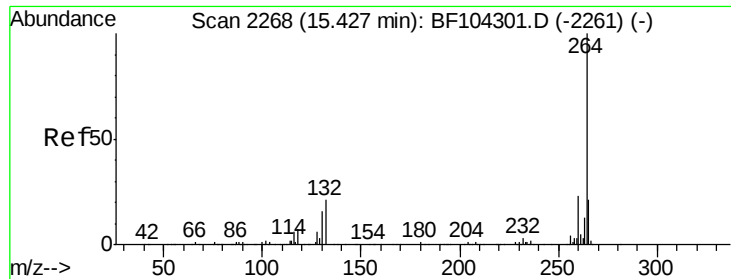
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.8	85.2
206	19.0	14.1	21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 305.441 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.02 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.5	3.0	4.4

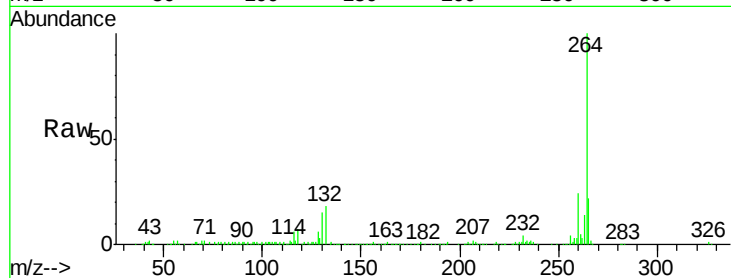




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampleId :
ROBEL-2

Tgt Ion: 264 Resp: 218560
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.5 26.3



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

