

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110437.D
 Acq On : 3 Nov 2018 2:54
 Operator : JU/SJ
 Sample : J5734-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-22(0-10)

Quant Time: Nov 03 04:01:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

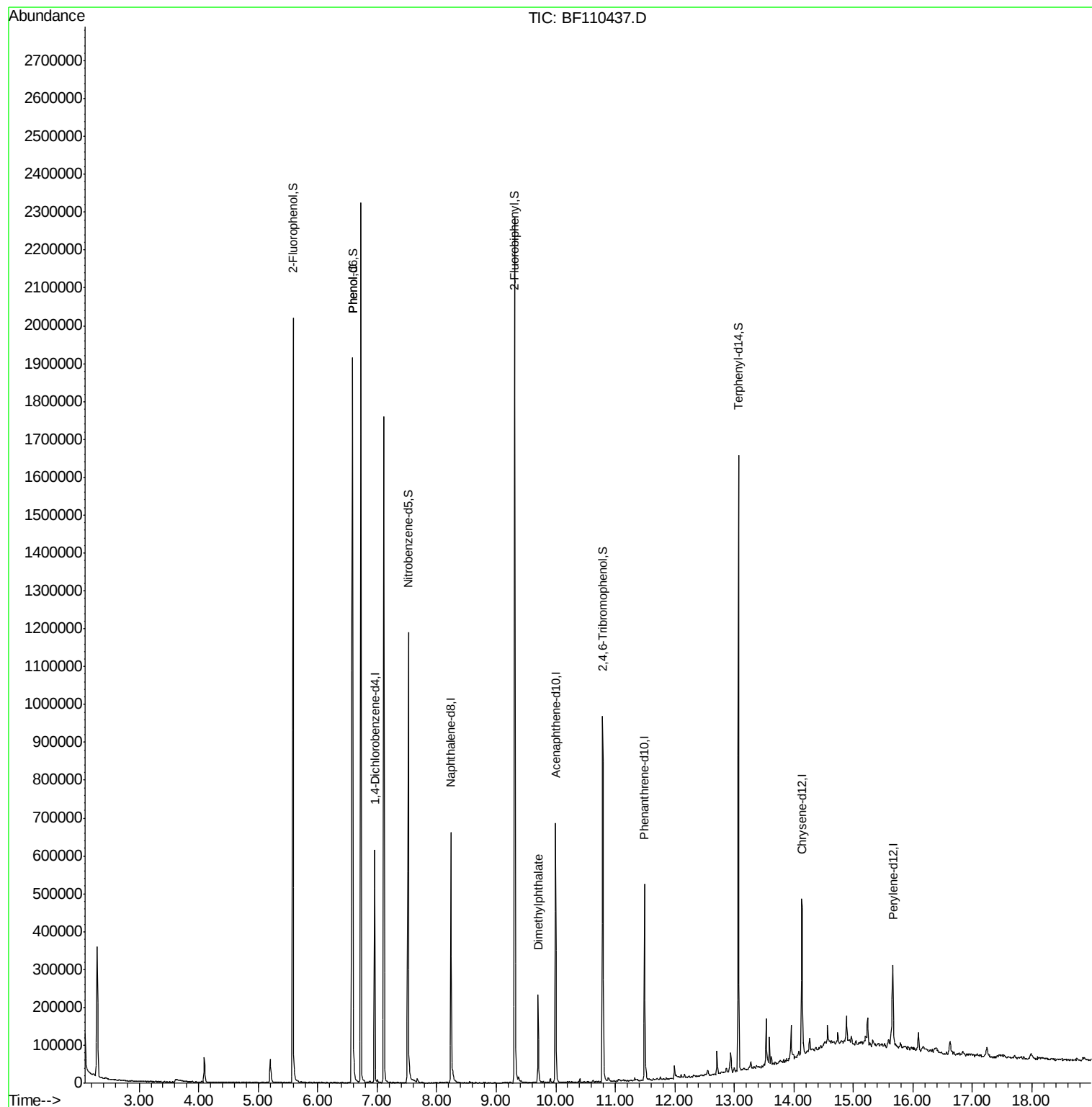
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90161	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339900	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	134077	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	216578	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145105	20.00	ng	0.00
87) Perylene-d12	15.66	264	103336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	583496	105.39	ng	0.01
7) Phenol-d6	6.59	99	721453	101.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	435182	75.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	118346	89.11	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	728965	85.37	ng	0.00
79) Terphenyl-d14	13.07	244	534973	76.67	ng	0.00
Target Compounds						
10) Phenol	6.59	94	46919	6.198	ng	Qvalue # 74
50) Dimethylphthalate	9.70	163	102695	10.376	ng	98

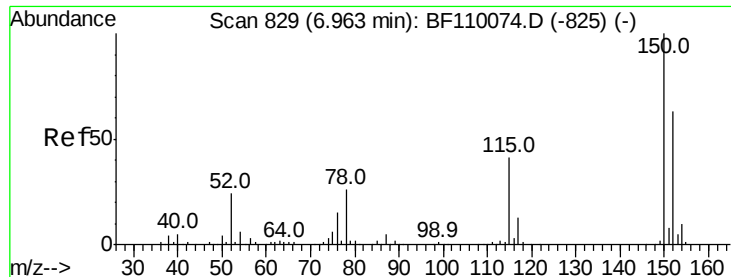
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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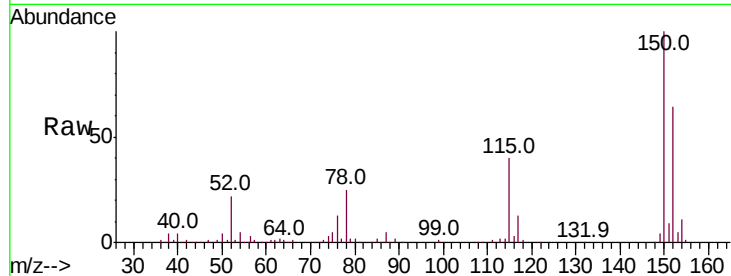


#1

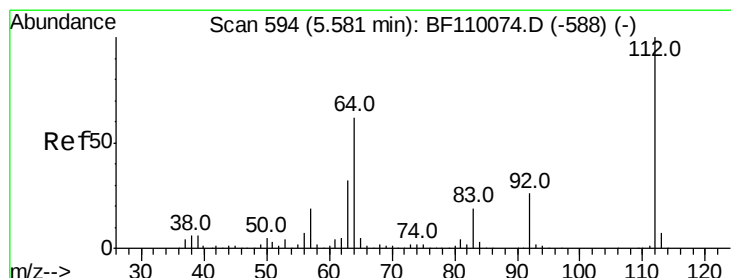
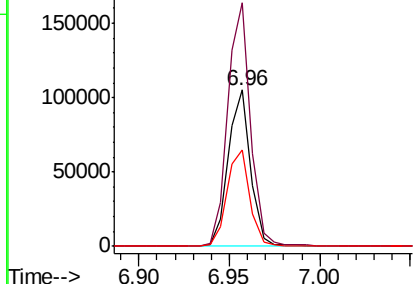
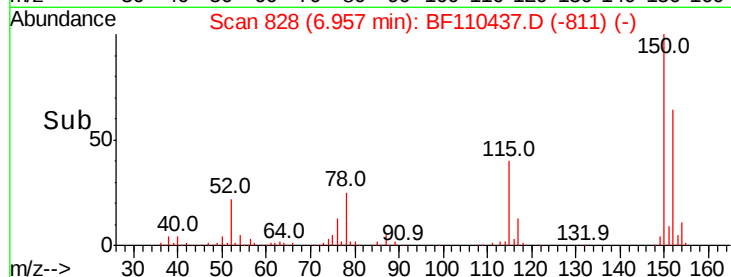
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 B-22(0-10)

Tot Ion:152 Resp: 90161
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.7 184.1
 115 62.1 49.1 73.7



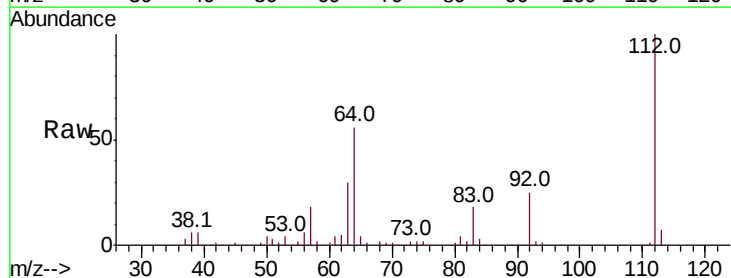
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



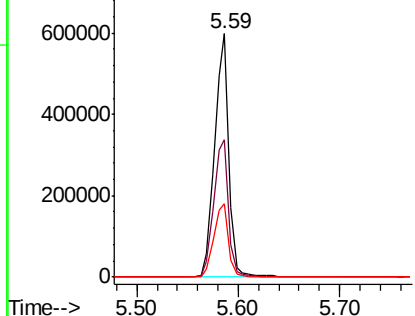
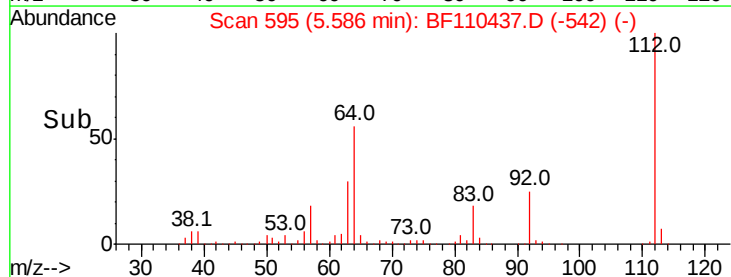
#5

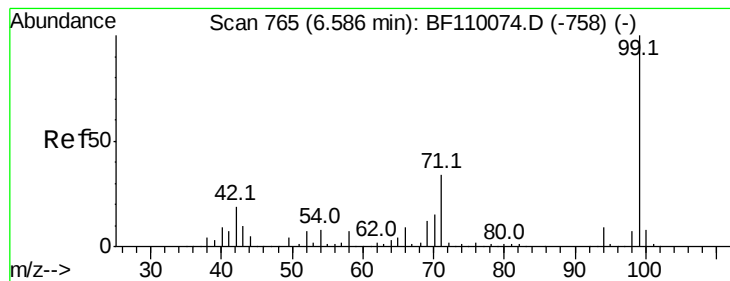
2-Fluorophenol
 Concen: 105.389 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

Tgt Ion:112 Resp: 583496
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.1 66.1
 63 30.3 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: 101.875 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampleId :

B-22(0-10)

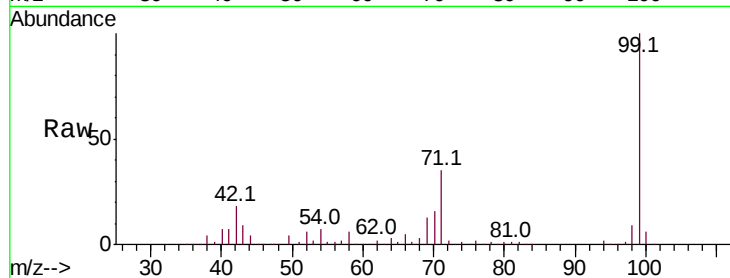
Tot Ion: 99 Resp: 721453

Ion Ratio Lower Upper

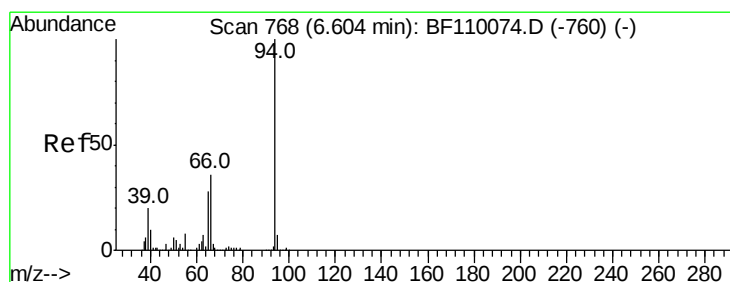
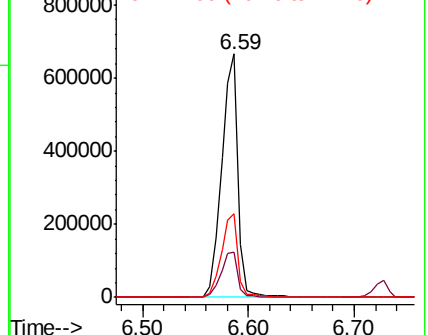
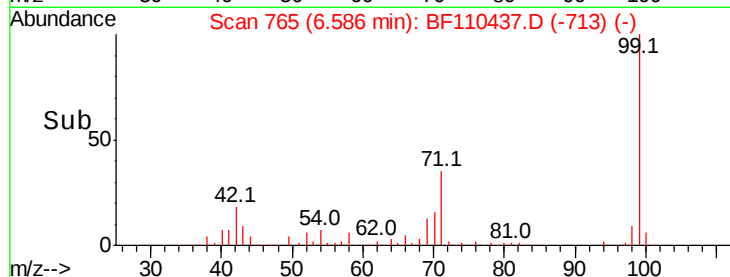
99 100

42 18.4 15.8 23.6

71 34.6 28.0 42.0



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



#10

Phenol

Concen: 6.198 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

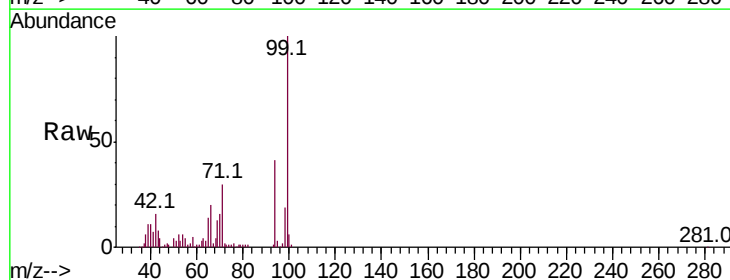
Tgt Ion: 94 Resp: 46919

Ion Ratio Lower Upper

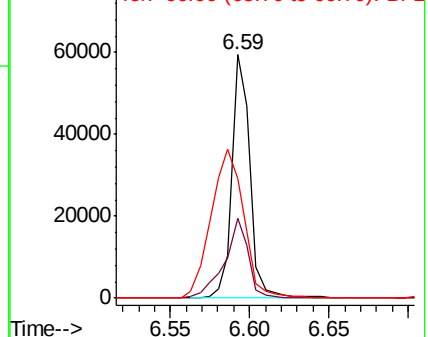
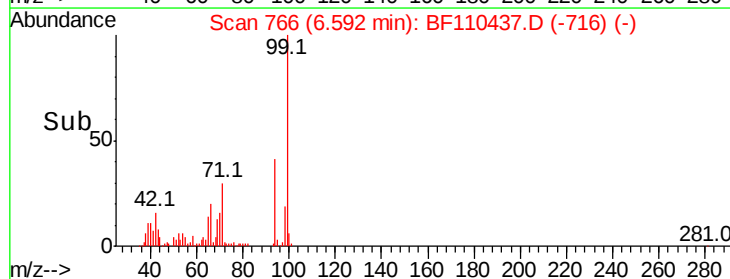
94 100

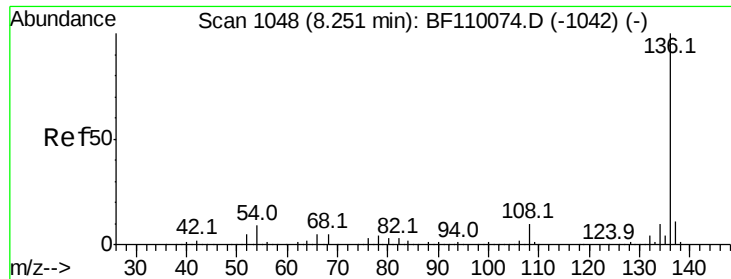
65 32.9 25.3 65.3

66 48.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

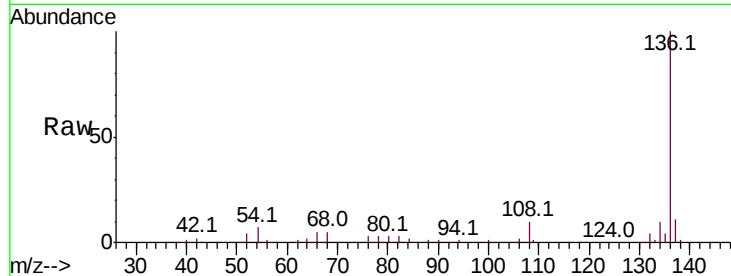




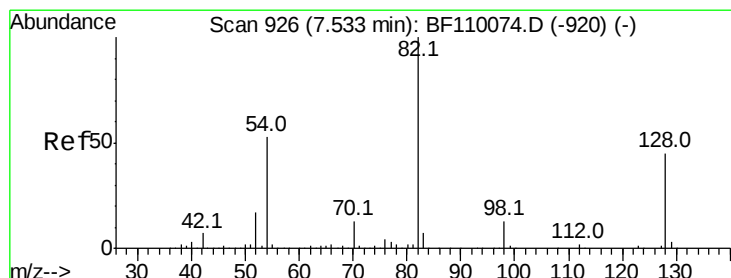
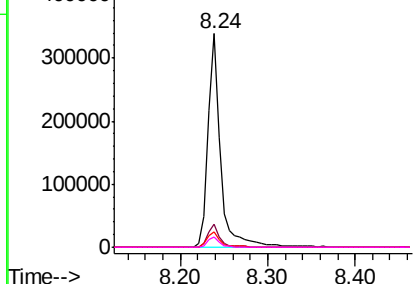
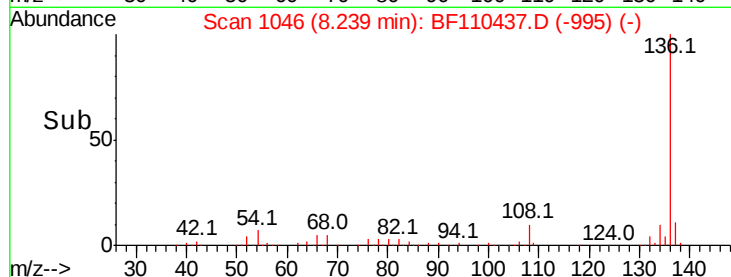
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :
B-22(0-10)

Tot Ion:	136	Resp:	339900
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.4	8.2
68	5.0	4.2	6.2

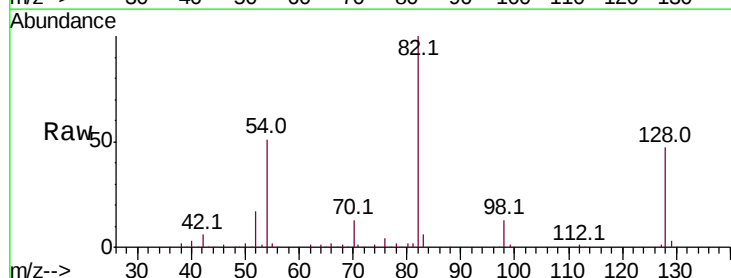


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

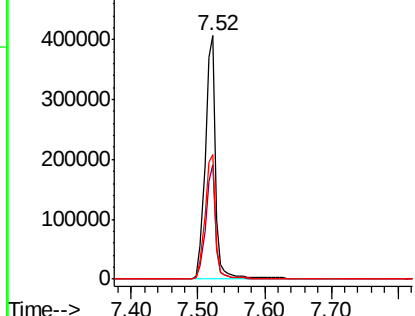
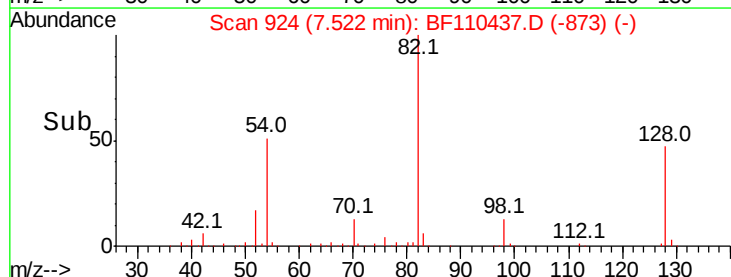


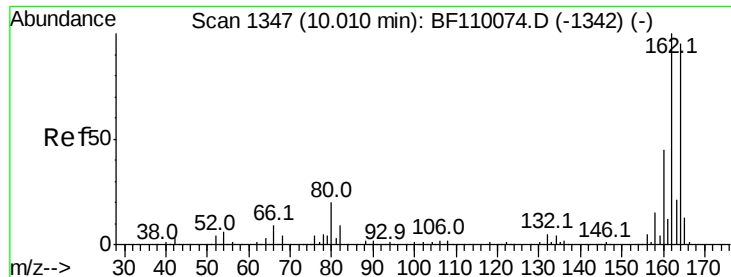
#23
Nitrobenzene-d5
Concen: 75.940 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion:	82	Resp:	435182
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	51.0	38.6	58.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampleId :

B-22(0-10)

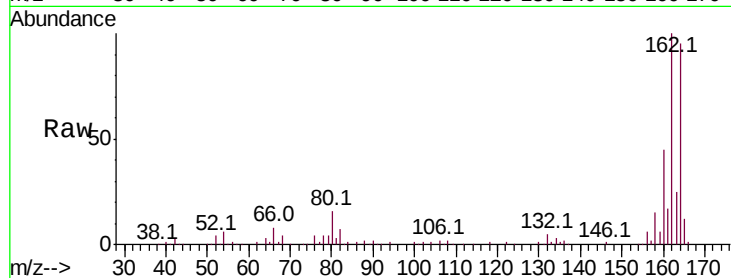
Tot Ion:164 Resp: 134077

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

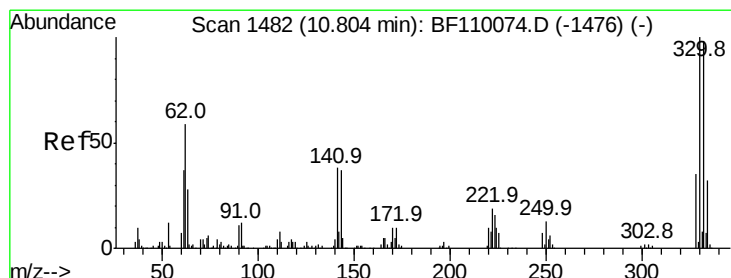
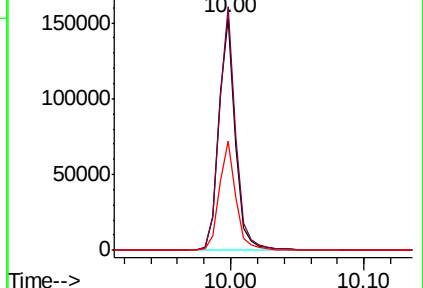
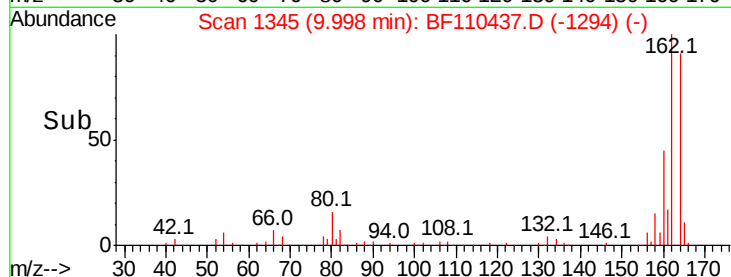
160 46.8 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 89.108 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

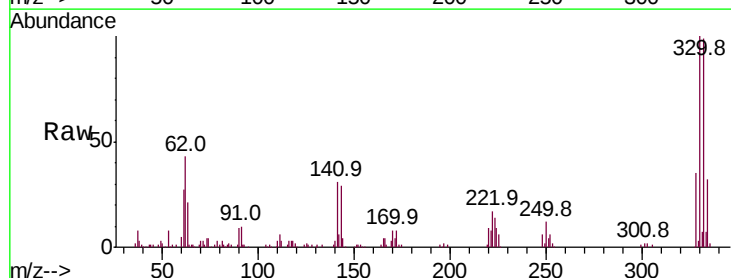
Tgt Ion:330 Resp: 118346

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

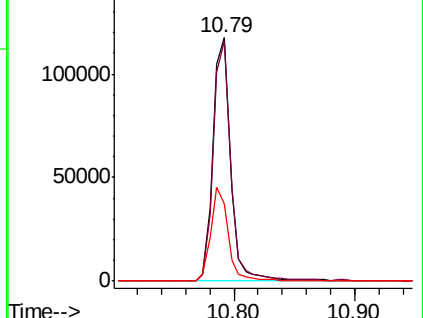
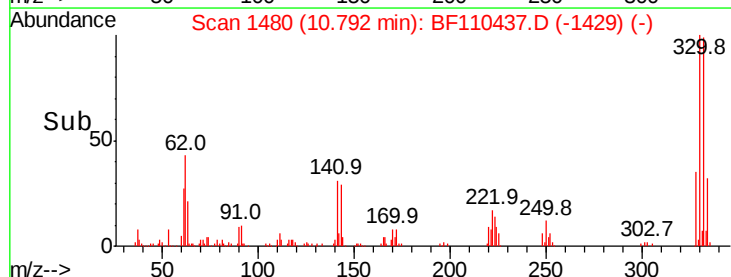
141 37.9 27.0 40.4

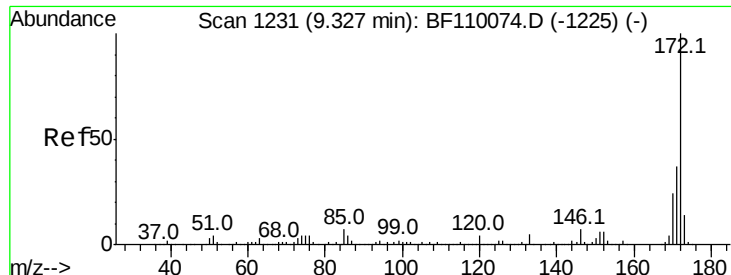


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

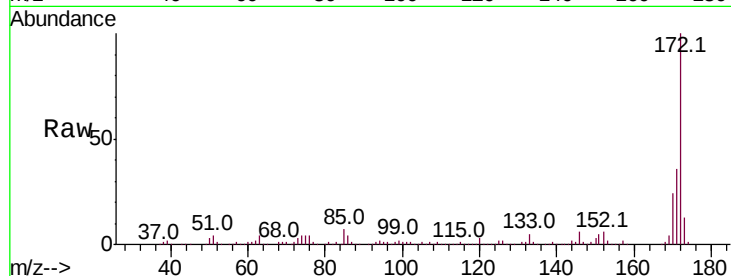




#45
 2-Fluorobiphenyl
 Concen: 85.374 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 B-22(0-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

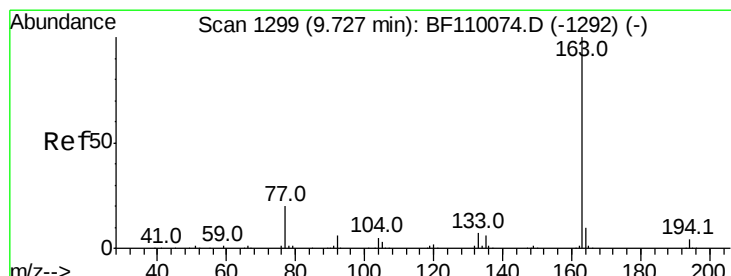
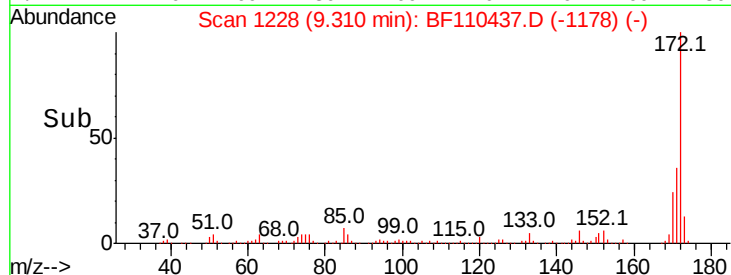
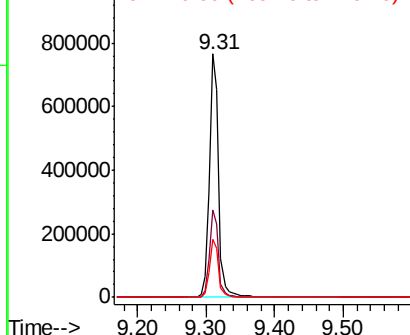


Abundance

Ion 172.00 (171.70 to 172.70): E

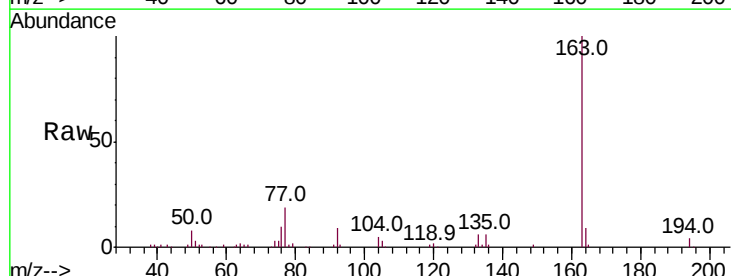
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 10.376 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.1	8.1	12.1

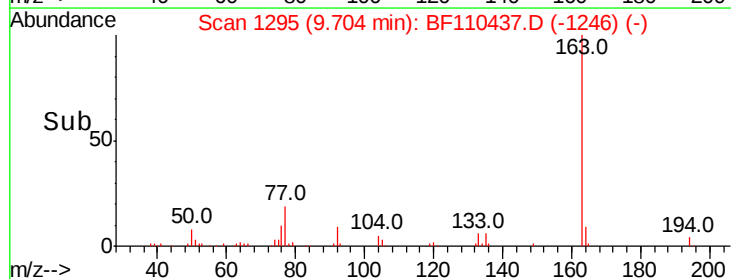
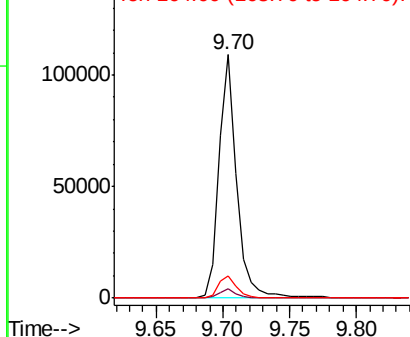


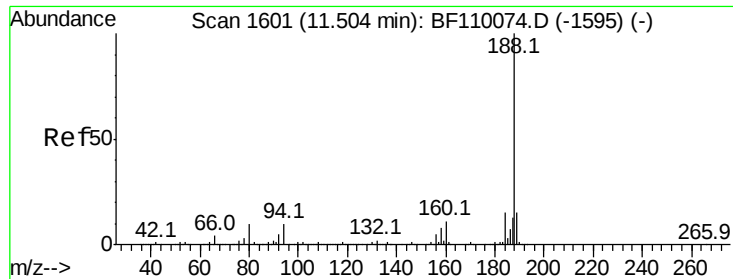
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampled :

B-22(0-10)

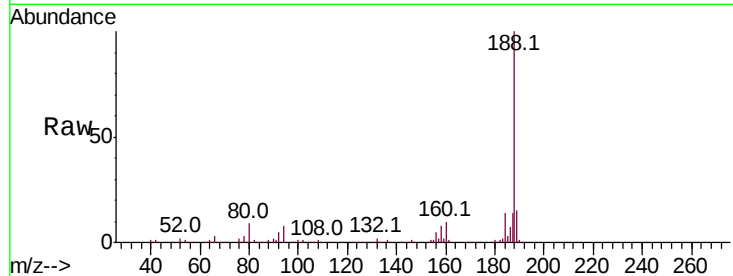
Tot Ion:188 Resp: 216578

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

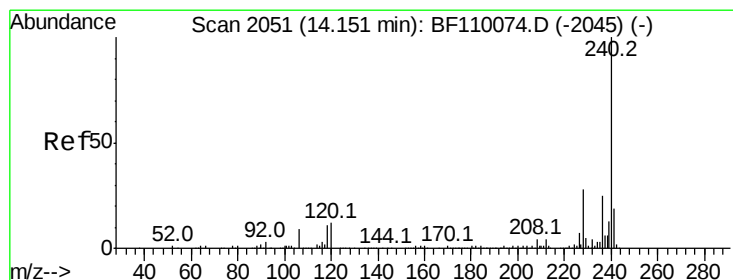
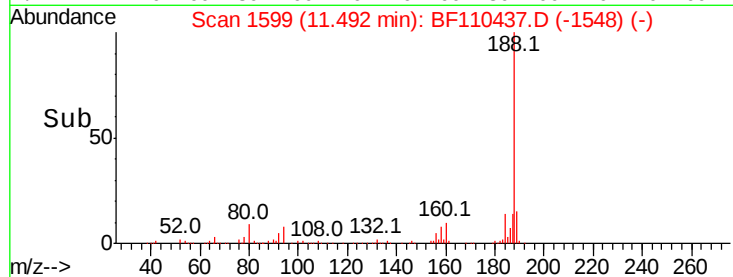
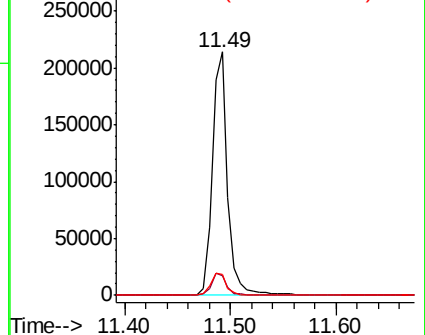
80 8.7 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

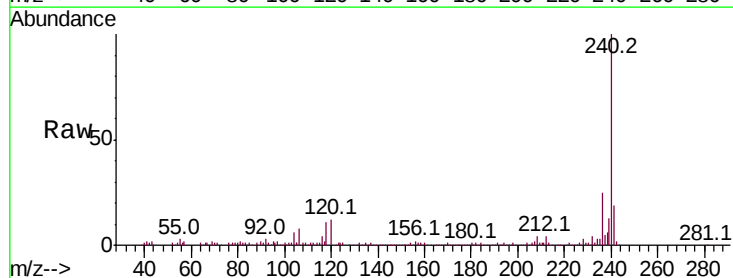
Tgt Ion:240 Resp: 145105

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

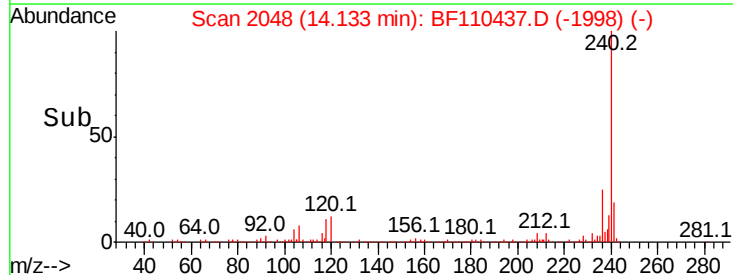
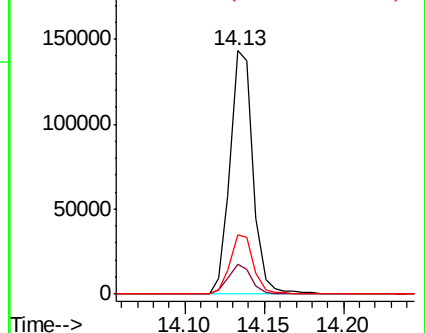
236 24.6 21.2 31.8

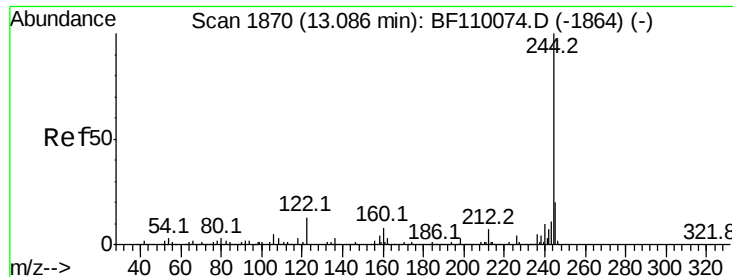


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.675 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampleId :

B-22(0-10)

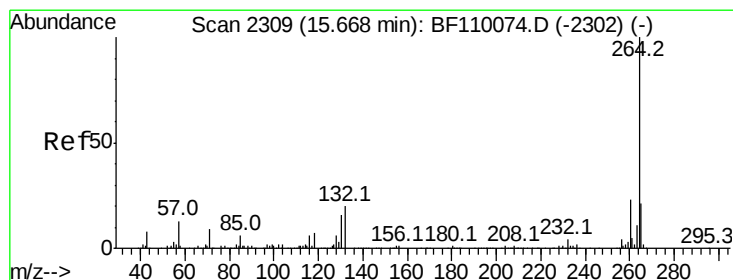
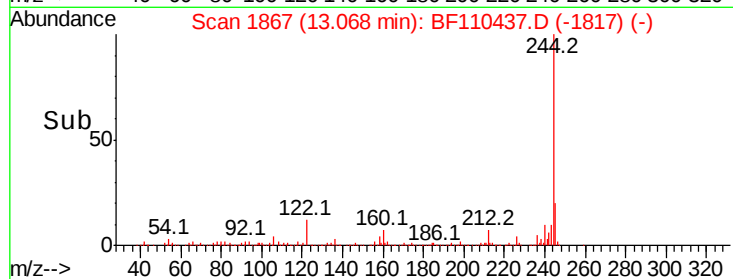
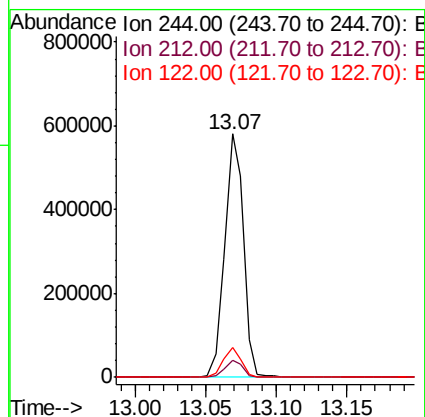
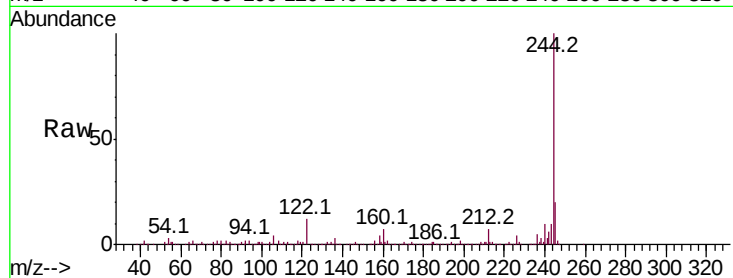
Tot Ion:244 Resp: 534973

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.2 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Tgt Ion:264 Resp: 103336

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 22.1 16.7 25.1

