

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104717.D
 Acq On : 23 Apr 2018 18:41
 Operator : JU/SJ
 Sample : J2503-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 01:03:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

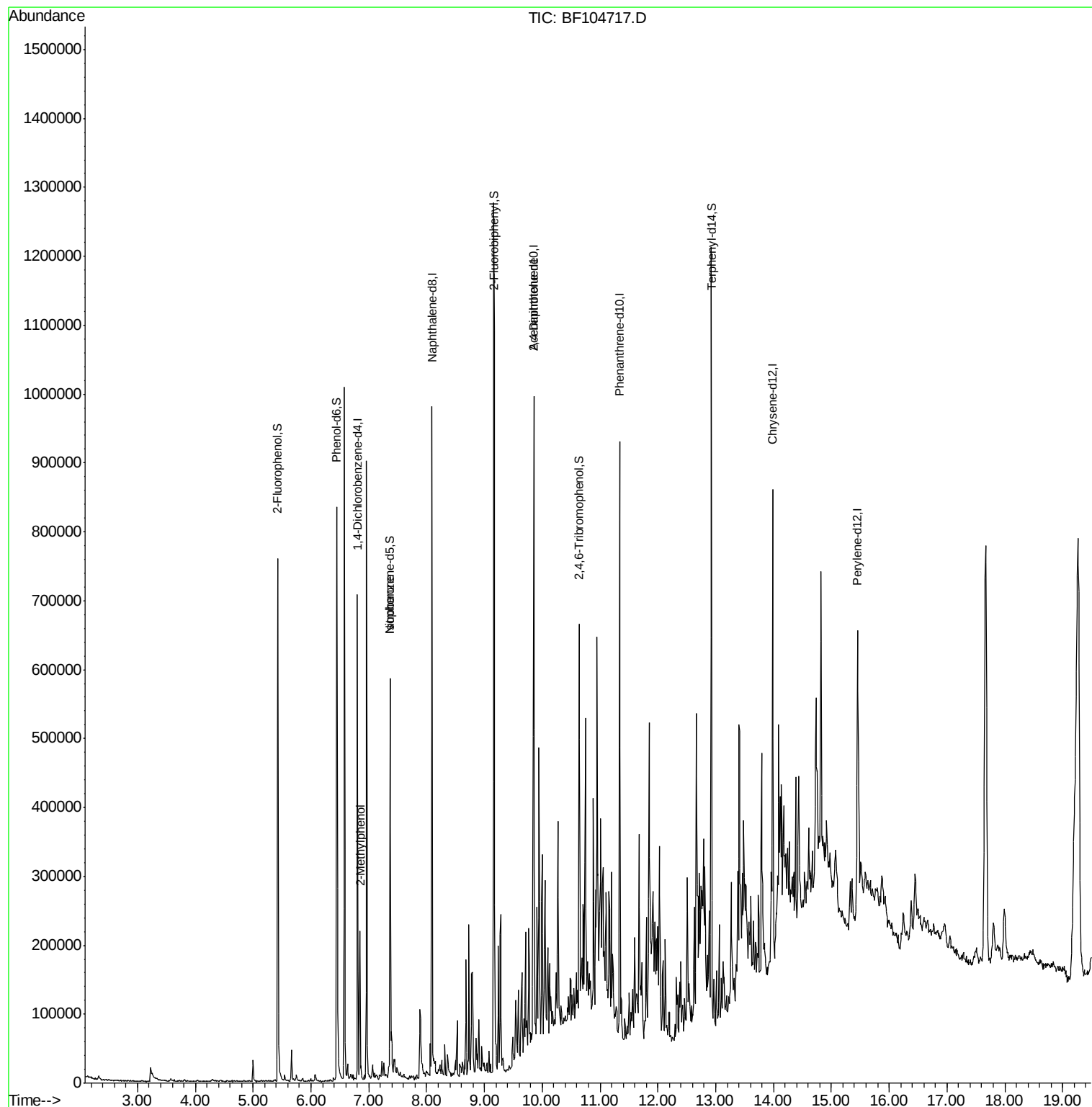
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106048	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	422435	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	173700	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	276324	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197862	20.00	ng	0.00
86) Perylene-d12	15.46	264	145690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	259653	37.44	ng	0.00
7) Phenol-d6	6.45	99	326885	38.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	176823	27.33	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	65955	36.60	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	395866	36.00	ng	0.00
78) Terphenyl-d14	12.92	244	335242	38.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	5895	Below Cal		Qvalue 92
17) 2-Methylphenol	6.85	107	14922	2.345 ng	#	16
25) Isophorone	7.37	82	176821	12.925 ng	#	64
56) 2,4-Dinitrotoluene	9.85	165	23488	7.065 ng	#	24
76) Benizidine	12.67	184	240	Below Cal	#	1

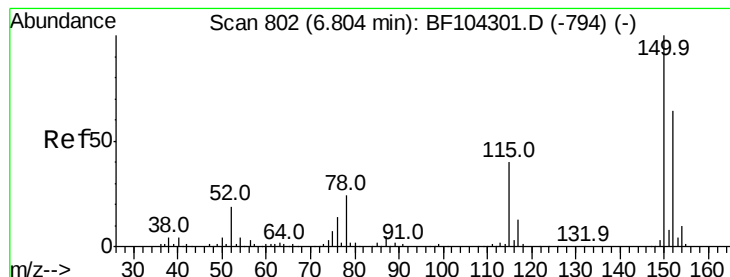
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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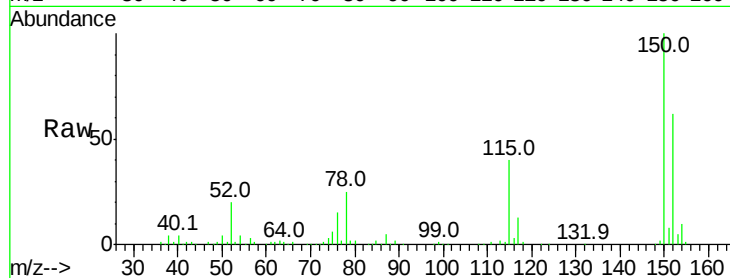


#1

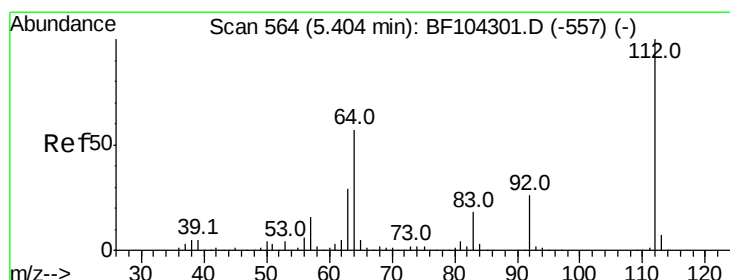
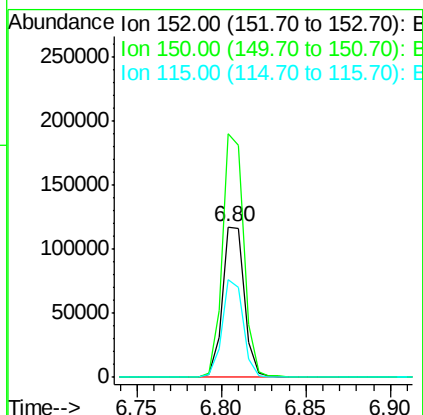
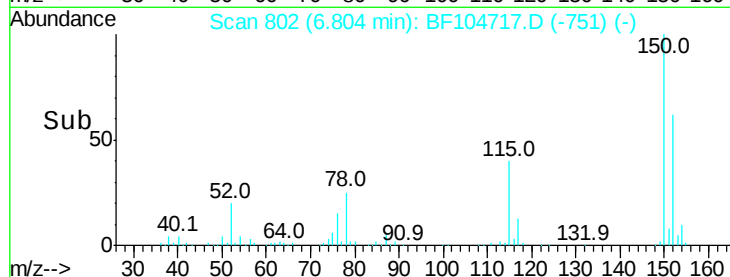
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104717.D
Acq: 23 Apr 2018 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106048
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 65.4 50.1 75.1



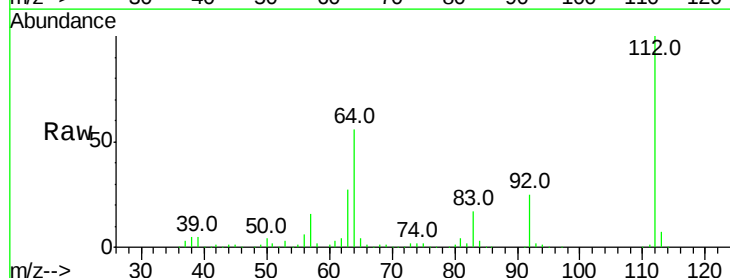
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



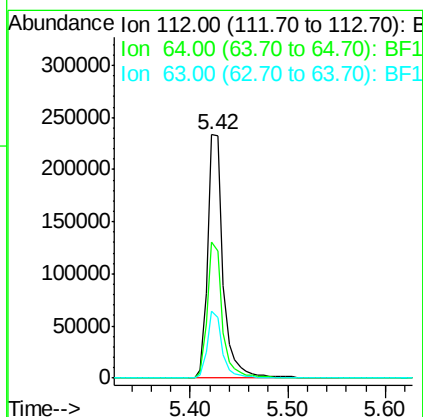
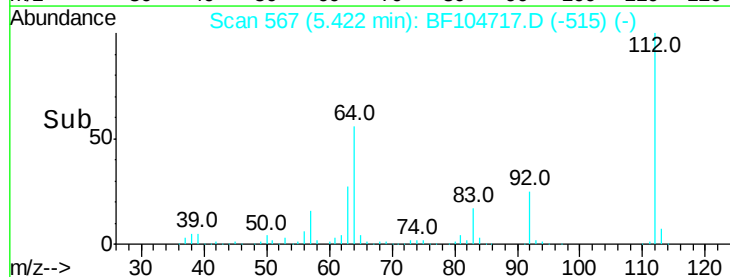
#5

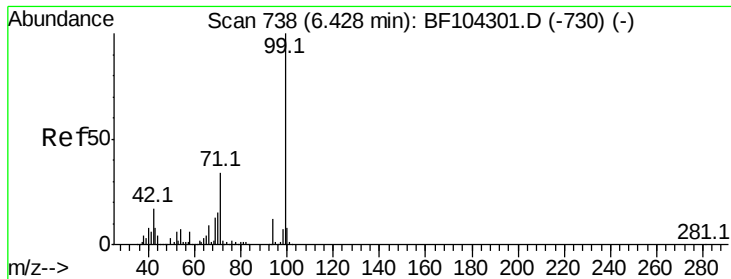
2-Fluorophenol
Concen: 37.438 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104717.D
Acq: 23 Apr 2018 18:41

Tgt Ion:112 Resp: 259653
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.3 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: 38.360 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

Instrument :

BNA_F

ClientSampleId :

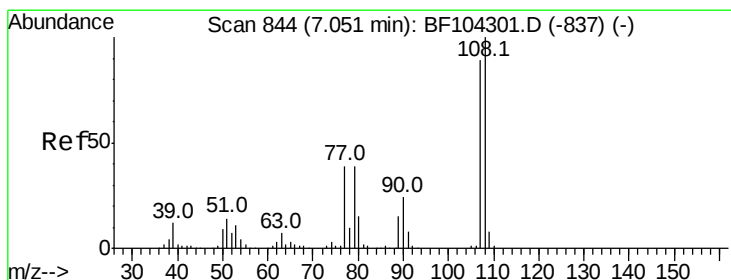
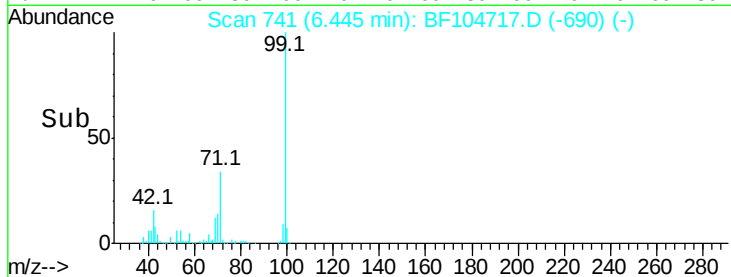
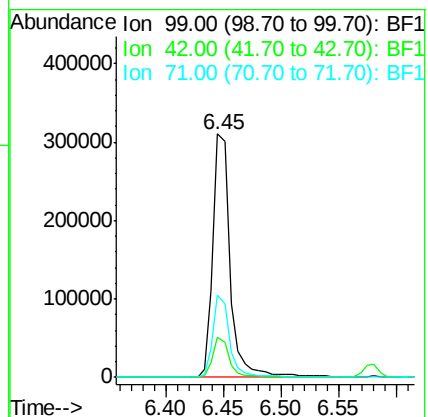
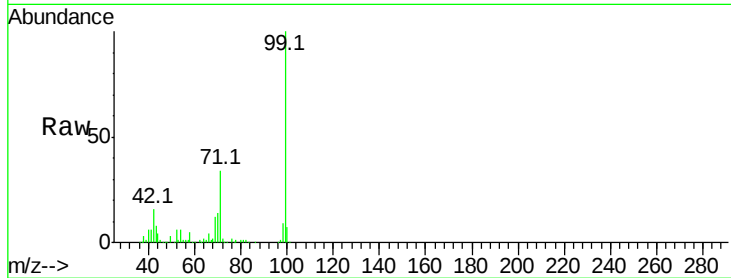
Tot Ion: 99 Resp: 326885

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 33.8 25.4 38.0



#17

2-Methylphenol

Concen: 2.345 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.22 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

Tgt Ion: 107 Resp: 14922

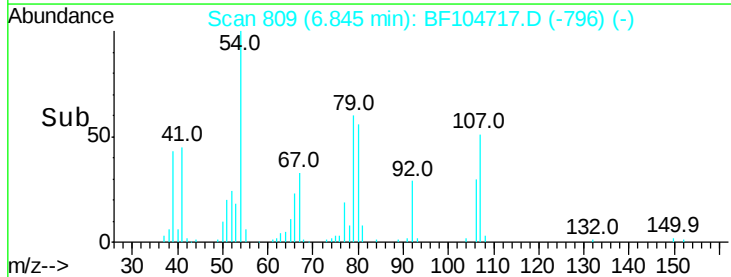
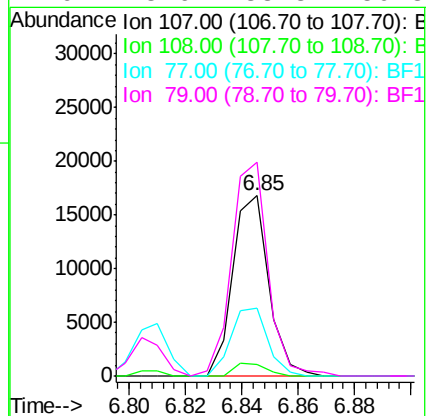
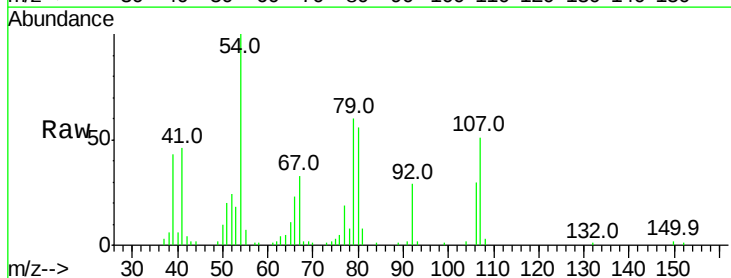
Ion Ratio Lower Upper

107 100

108 6.5 91.7 137.5#

77 37.8 33.8 50.8

79 118.6 33.8 50.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 422435

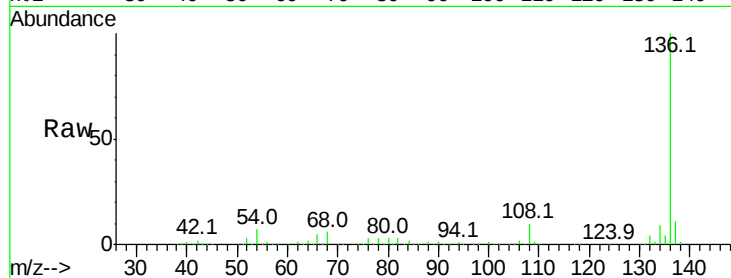
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

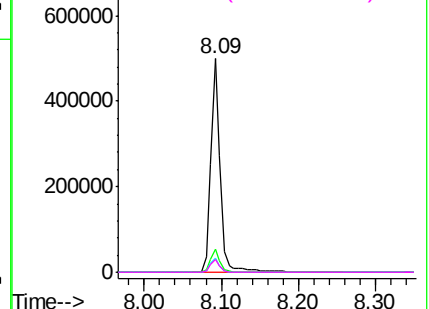
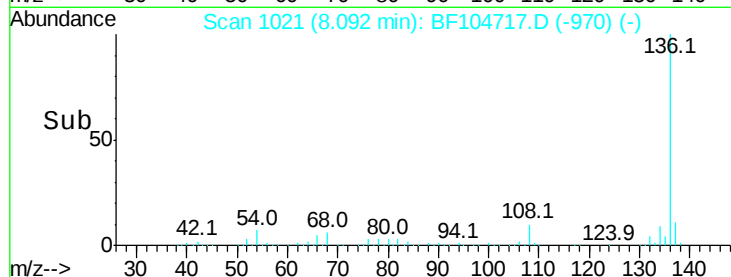


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.332 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

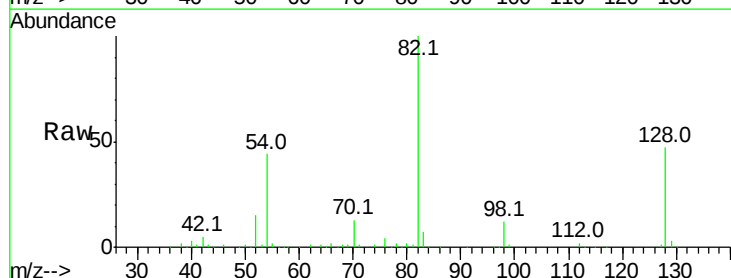
Tgt Ion: 82 Resp: 176823

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

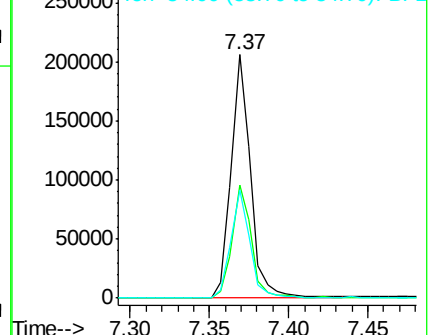
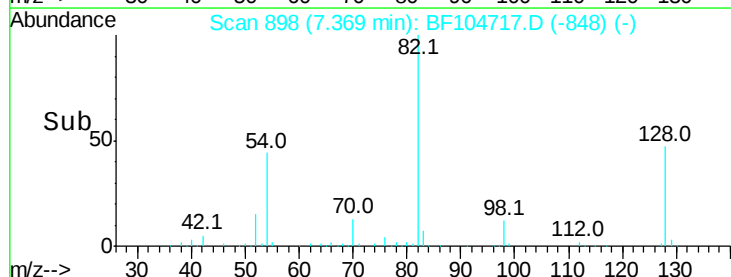
54 44.3 41.4 62.2



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





#25

Isophorone

Concen: 12.925 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

Instrument :

BNA_F

ClientSampleId :

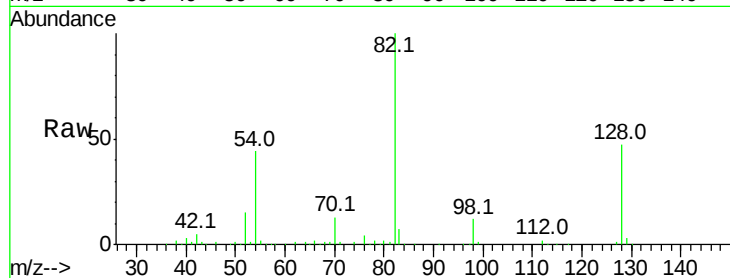
Tot Ion: 82 Resp: 176821

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

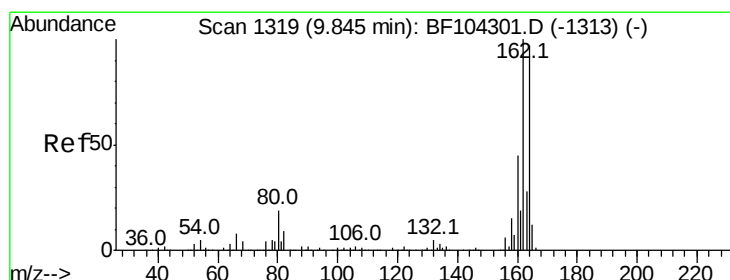
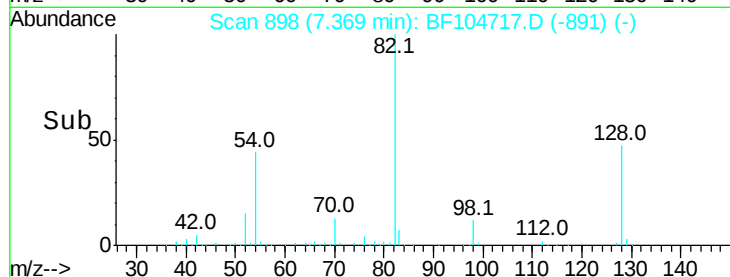
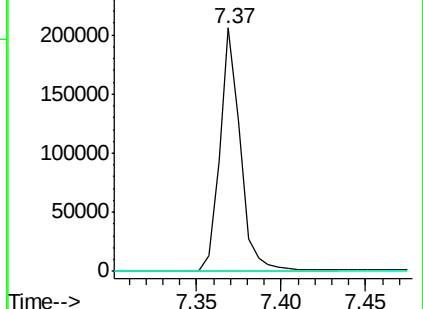
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

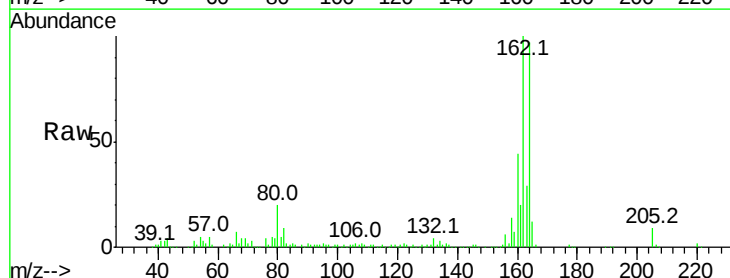
Tgt Ion:164 Resp: 173700

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

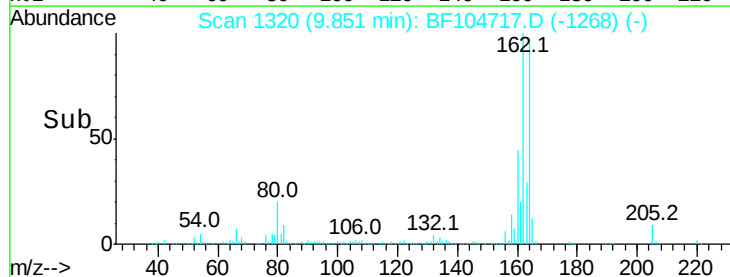
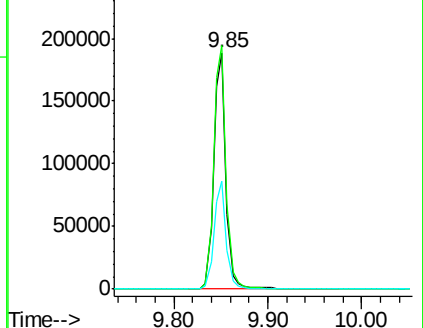
160 45.7 38.3 57.5



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



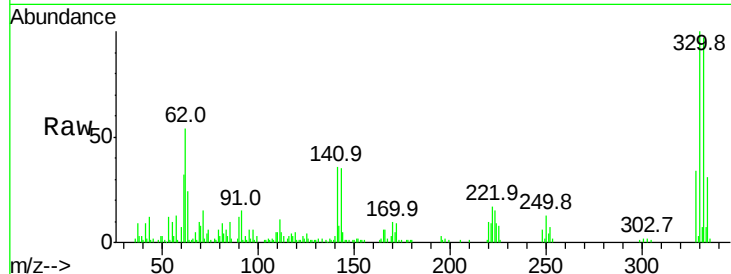


#41
 2,4,6-Tribromophenol
 Concen: 36.604 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104717.D
 Acq: 23 Apr 2018 18:41

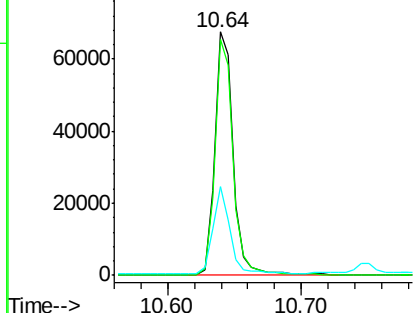
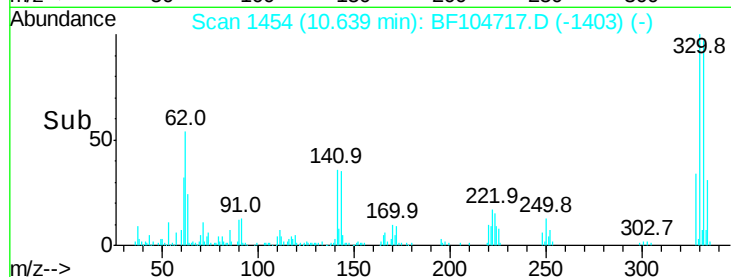
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 65955

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.4	29.9	44.9



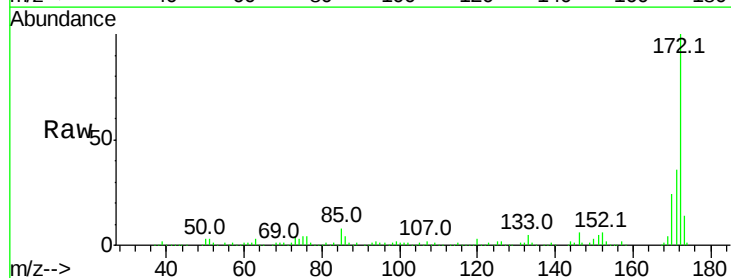
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



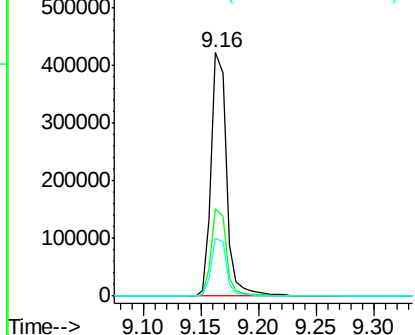
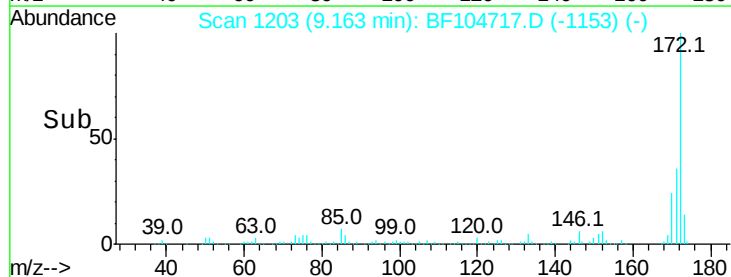
#44
 2-Fluorobiphenyl
 Concen: 36.003 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104717.D
 Acq: 23 Apr 2018 18:41

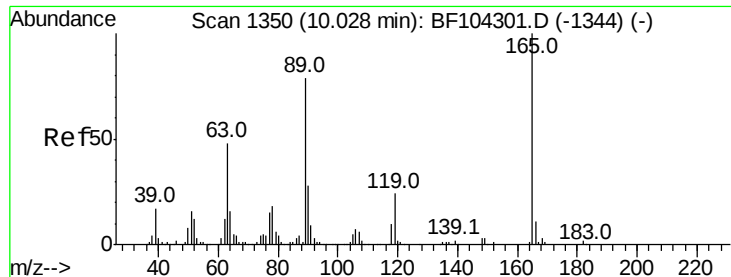
Tgt Ion:172 Resp: 395866

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



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

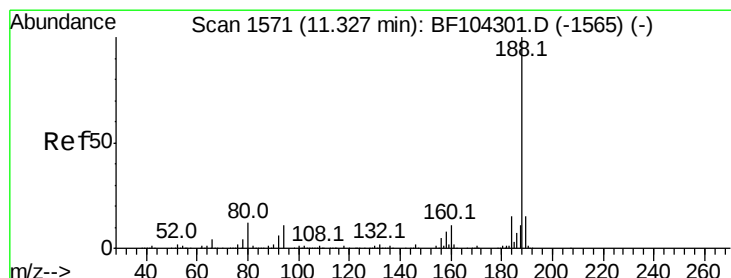
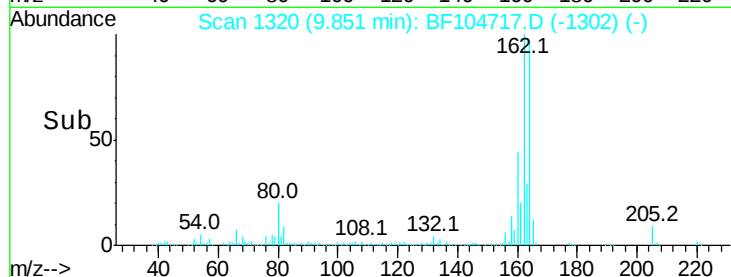
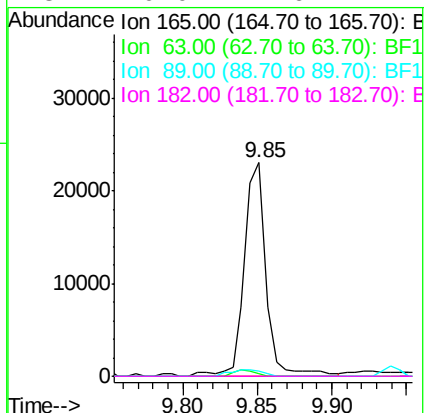
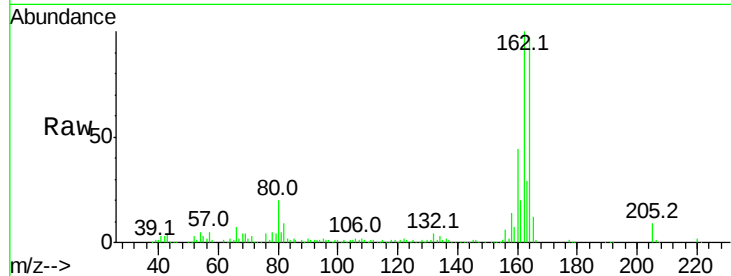




#56
 2,4-Dinitrotoluene
 Concen: 7.065 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104717.D
 Acq: 23 Apr 2018 18:41

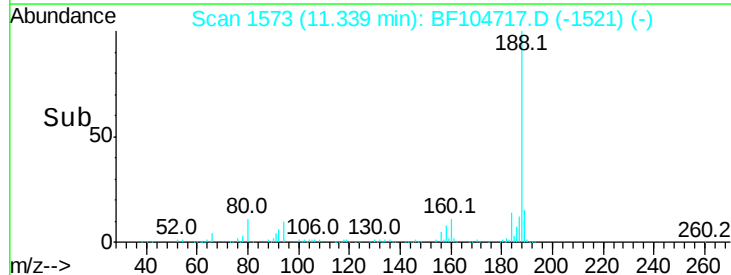
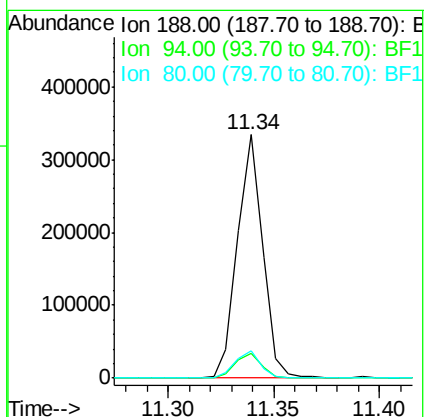
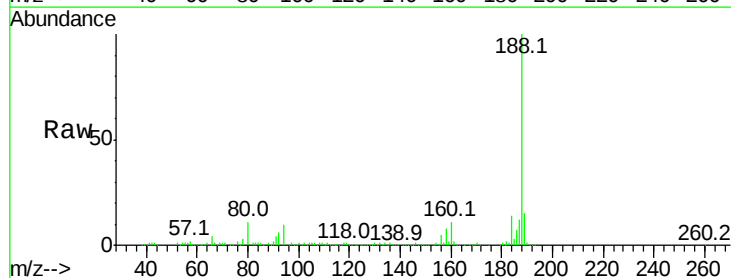
Instrument :
 BNA_F
 ClientSampleId :

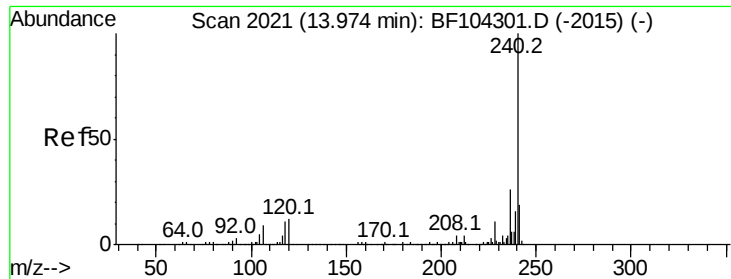
Tot Ion:165 Resp: 23488
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 2.7 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104717.D
 Acq: 23 Apr 2018 18:41

Tgt Ion:188 Resp: 276324
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

Instrument :

BNA_F

ClientSampleId :

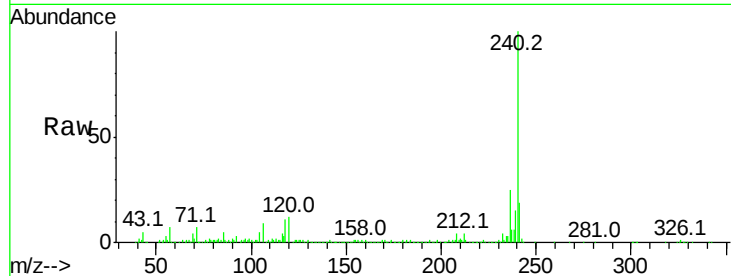
Tot Ion:240 Resp: 197862

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

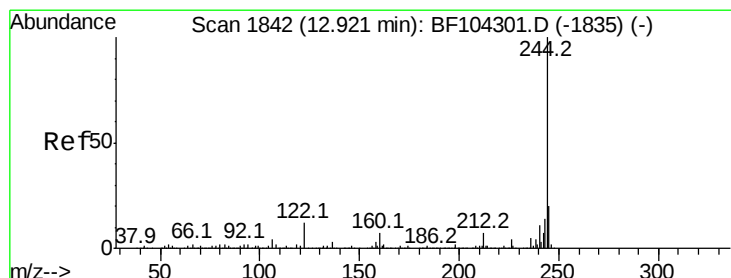
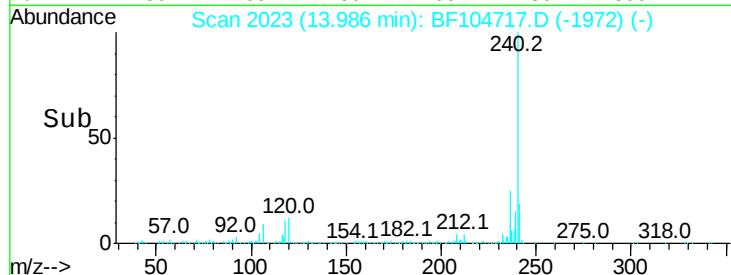
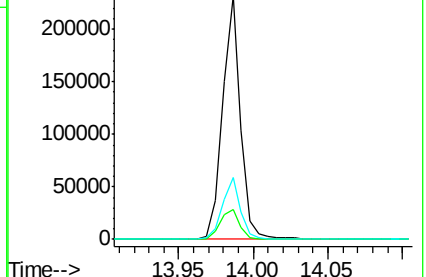
236 25.4 20.7 31.1



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: 38.628 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104717.D

Acq: 23 Apr 2018 18:41

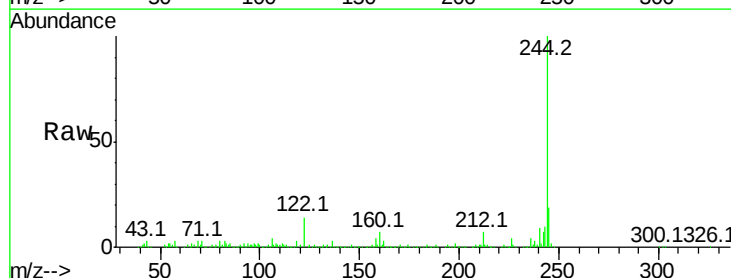
Tgt Ion:244 Resp: 335242

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

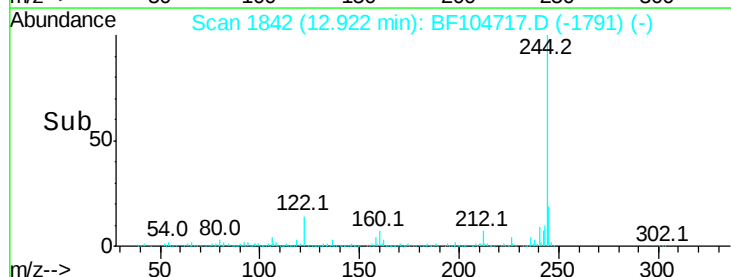
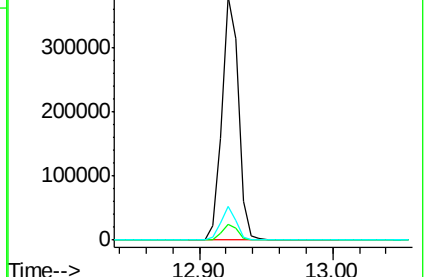
122 13.7 11.0 16.4

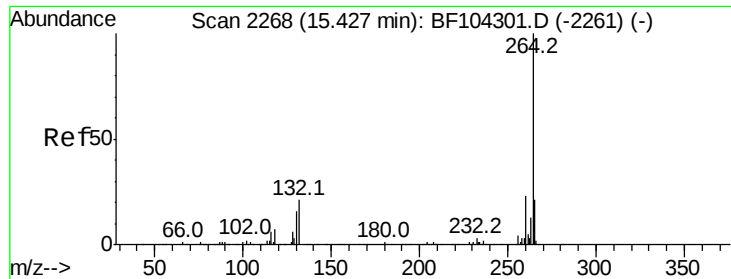


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104717.D
 Acq: 23 Apr 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

