

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108518.D
 Acq On : 27 Aug 2018 18:42
 Operator : JU/SJ
 Sample : J4524-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Y-1802

Quant Time: Aug 28 01:54:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

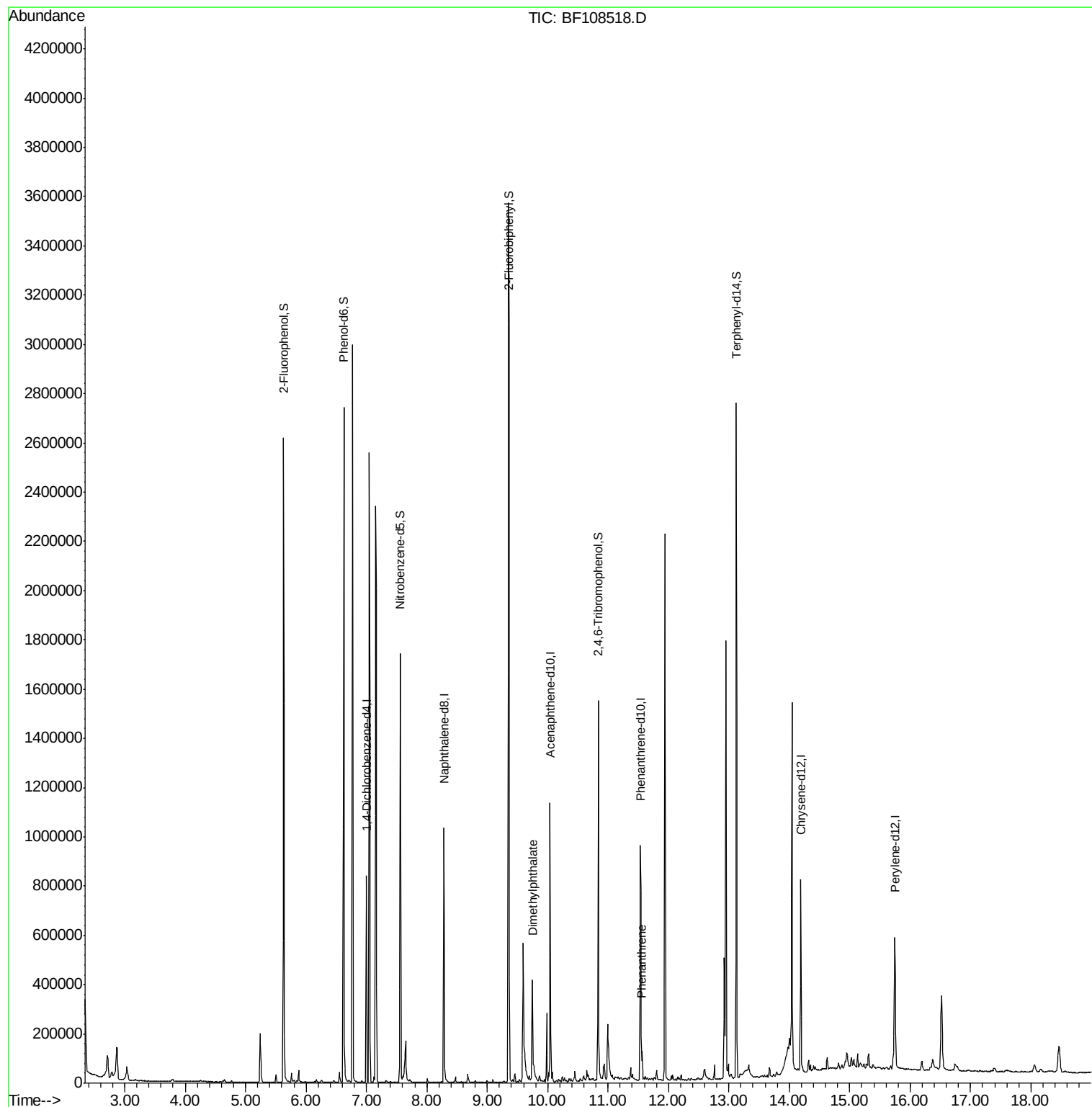
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119066	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	445045	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	210109	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	337031	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	278725	20.00	ng	0.00
86) Perylene-d12	15.75	264	266706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	627637	95.44	ng	0.00
7) Phenol-d6	6.62	99	869625	99.51	ng	0.00
23) Nitrobenzene-d5	7.56	82	583642	73.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	173749	82.90	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1121924	85.73	ng	-0.01
78) Terphenyl-d14	13.12	244	867941	79.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	121136	8.277	ng	98
70) Phenanthrene	11.56	178	49232	3.097	ng	99

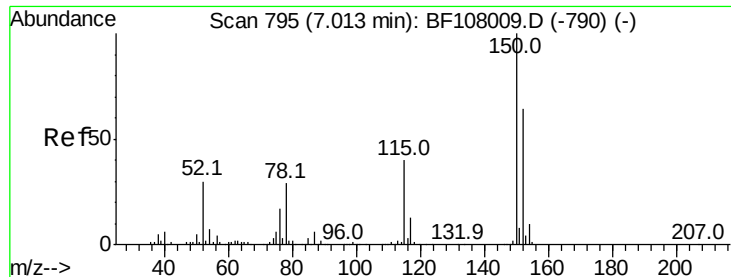
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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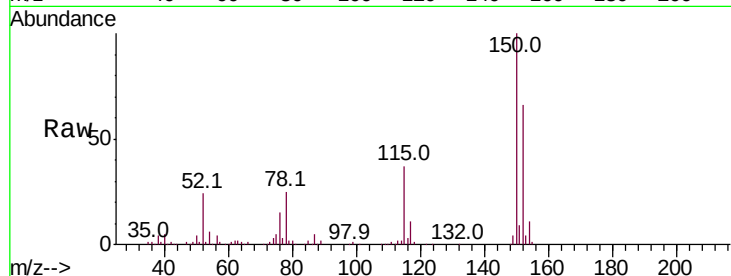


#1

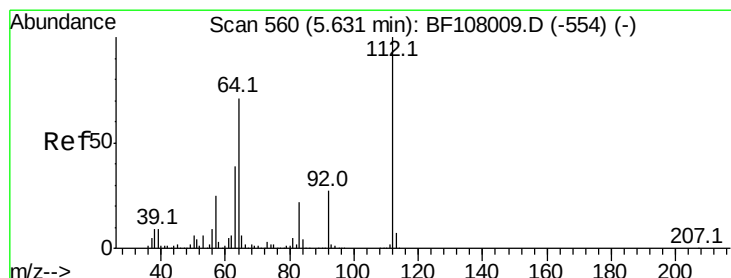
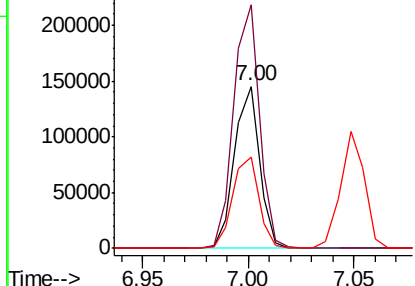
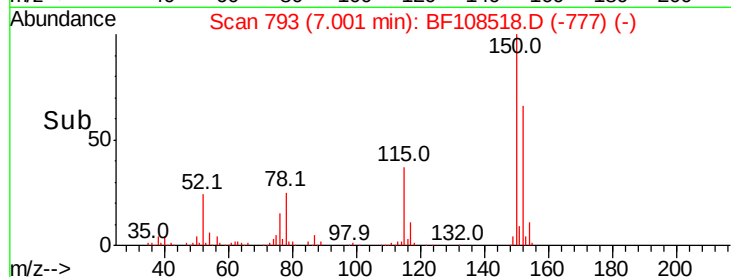
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Instrument :
BNA_F
ClientSampleId :
Y-1802

Tot Ion:152 Resp: 119066
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 56.4 50.1 75.1



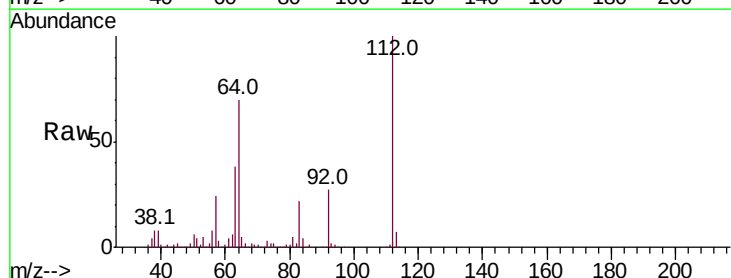
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



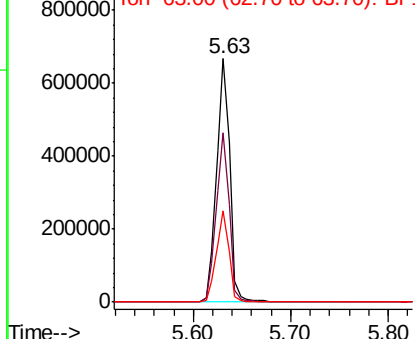
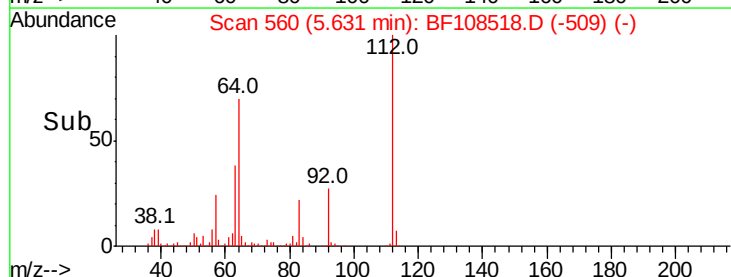
#5

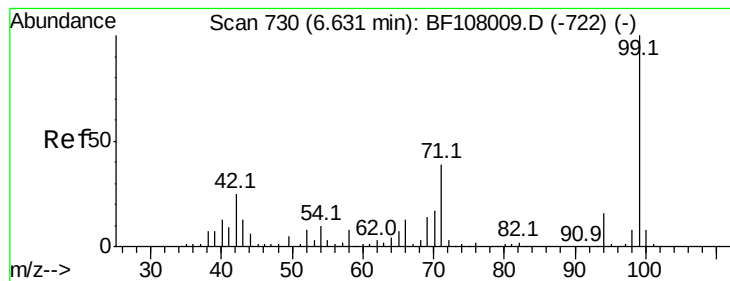
2-Fluorophenol
Concen: 95.435 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Tgt Ion:112 Resp: 627637
Ion Ratio Lower Upper
112 100
64 69.6 47.9 71.9
63 37.6 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: 99.506 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampled :

Y-1802

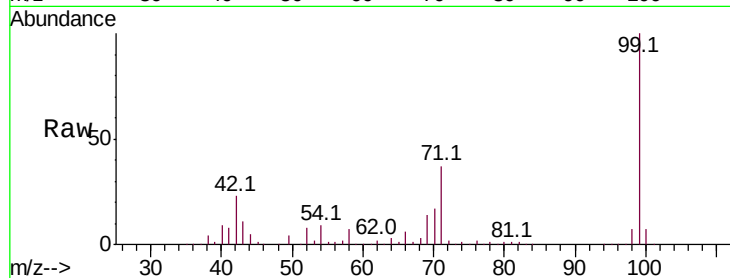
Tot Ion: 99 Resp: 869625

Ion Ratio Lower Upper

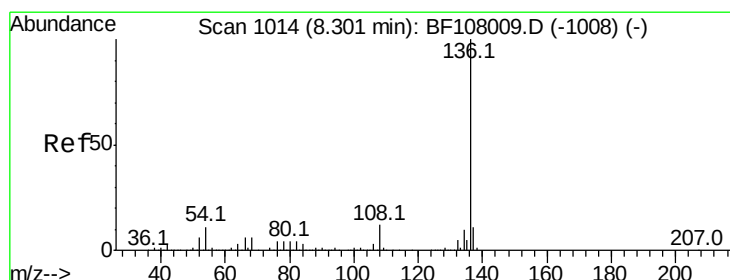
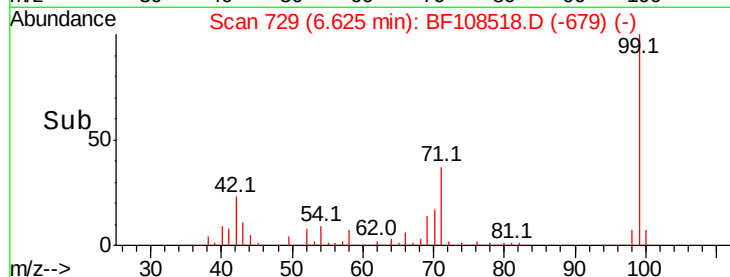
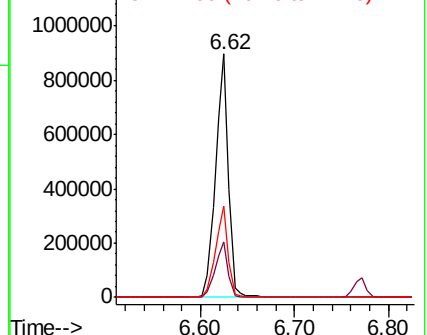
99 100

42 22.9 14.5 21.7#

71 37.3 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Tgt Ion: 136 Resp: 445045

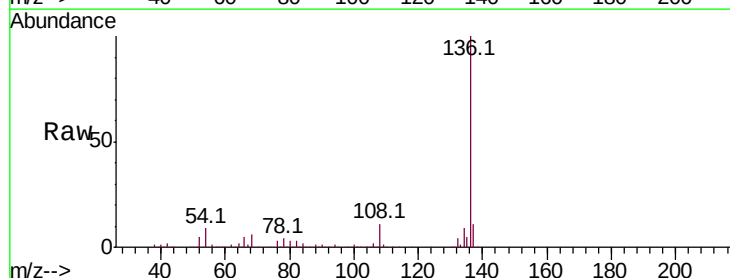
Ion Ratio Lower Upper

136 100

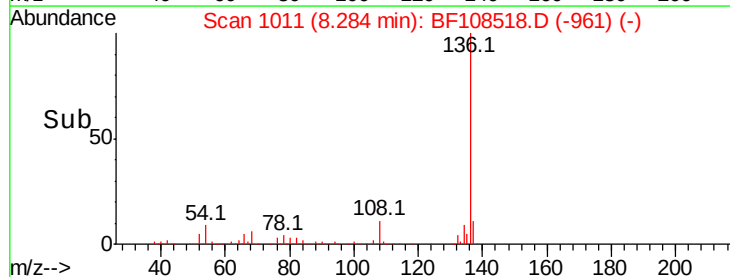
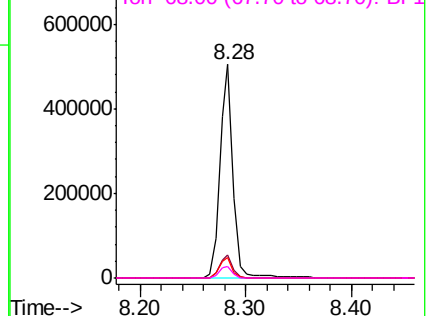
137 10.7 8.9 13.3

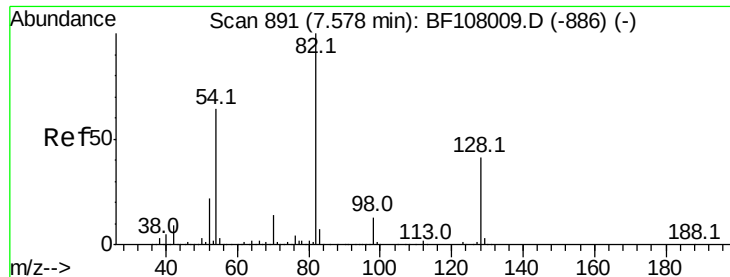
54 9.3 6.6 9.8

68 5.5 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

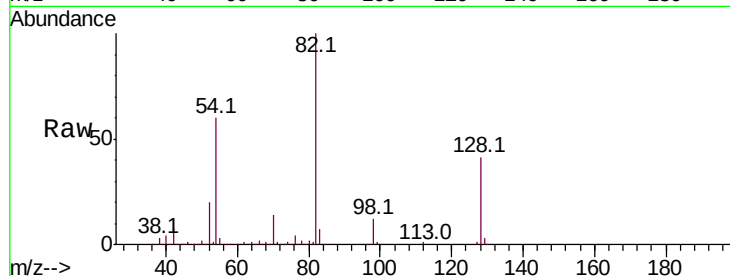




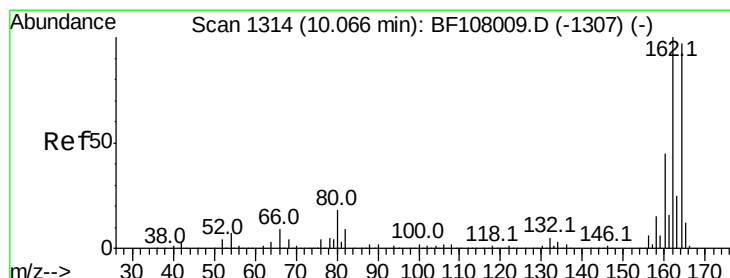
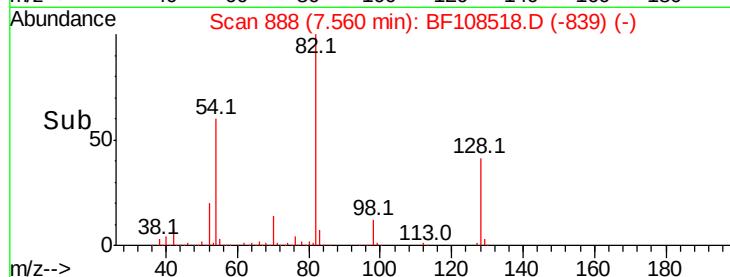
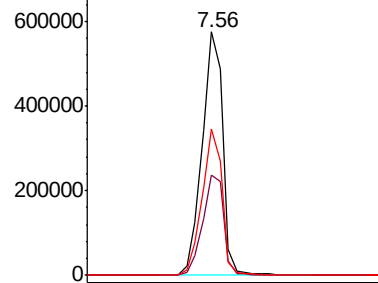
#23
 Nitrobenzene-d5
 Concen: 73.179 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 Y-1802

Tot Ion	82	Resp	583642
Ion Ratio	100	Lower	Upper
128	40.9	36.1	54.1
54	59.8	41.4	62.2

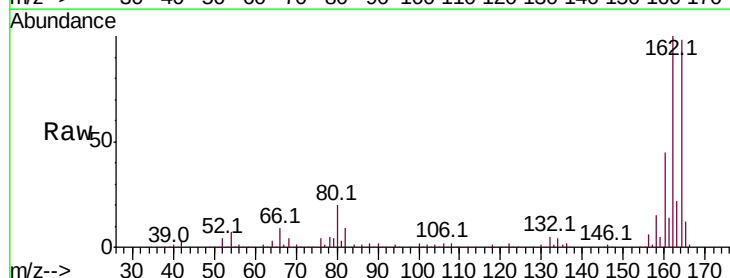


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

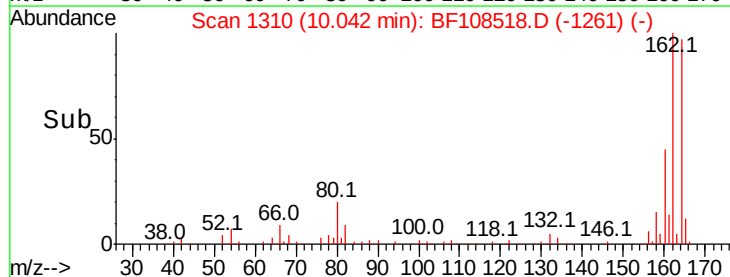
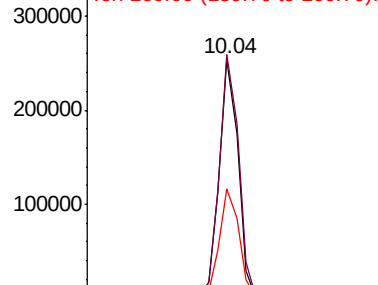


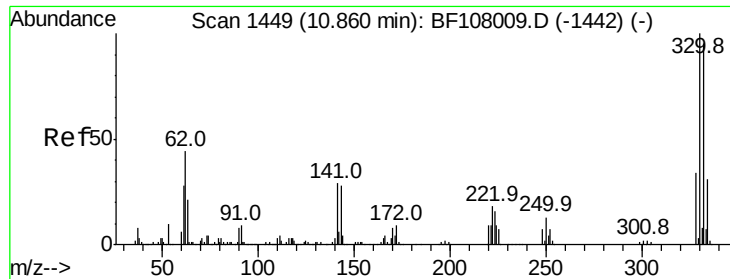
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion	164	Resp	210109
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.0	86.1	129.1
160	45.5	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

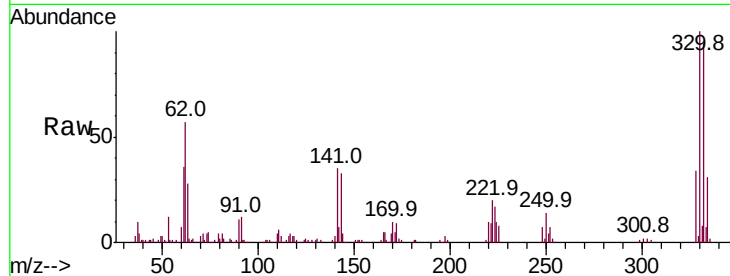




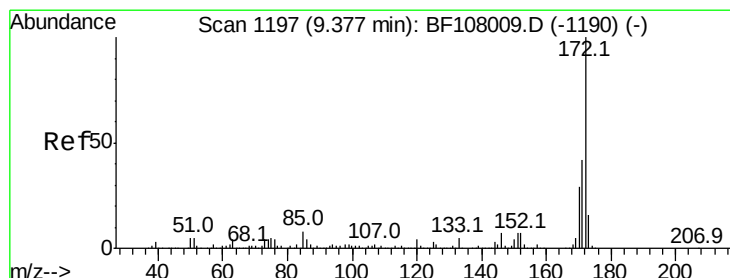
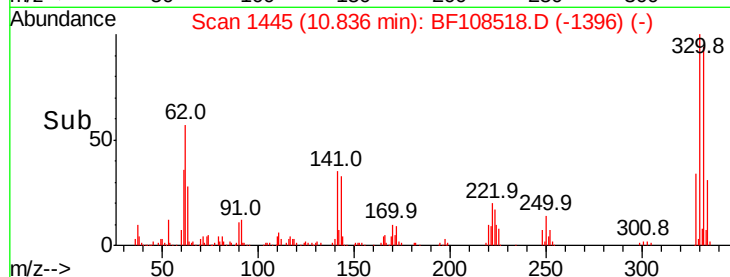
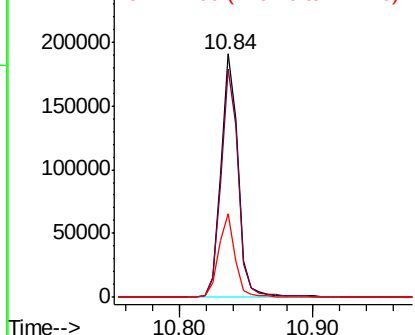
#41
 2,4,6-Tribromophenol
 Concen: 82.904 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Instrument :
 BNA_F
 ClientSampled :
 Y-1802

Tot Ion:330 Resp: 173749
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.2 29.9 44.9

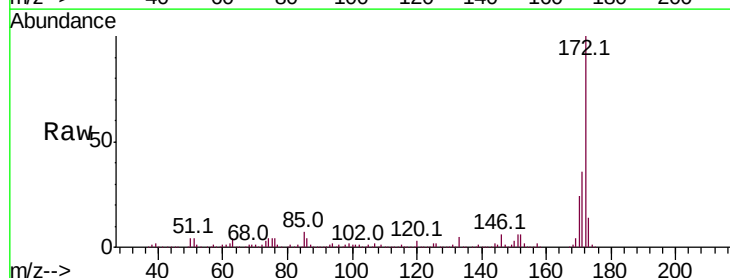


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

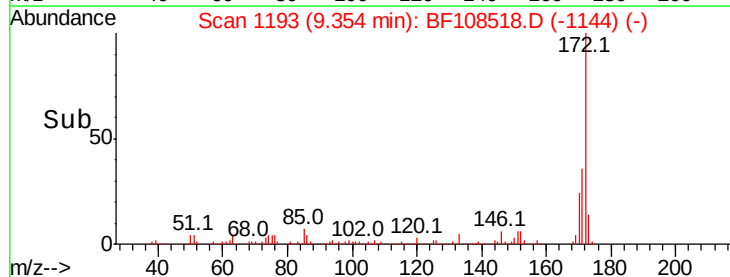
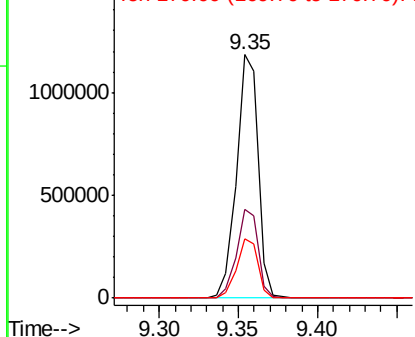


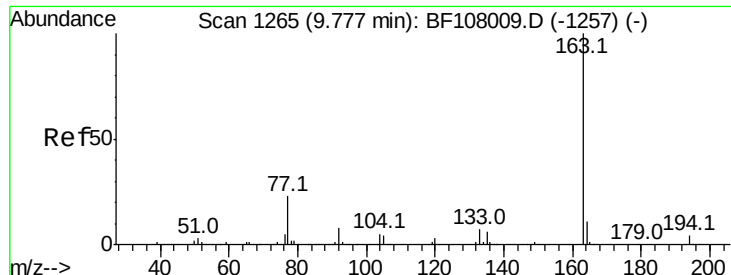
#44
 2-Fluorobiphenyl
 Concen: 85.728 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion:172 Resp: 1121924
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 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

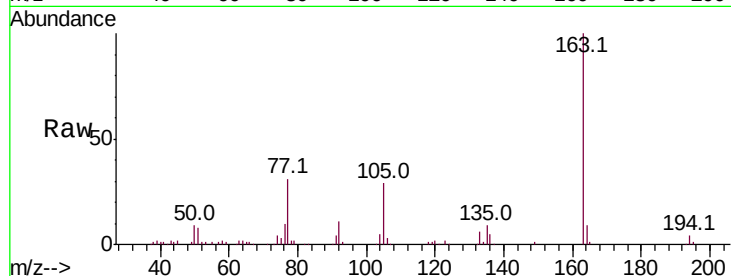




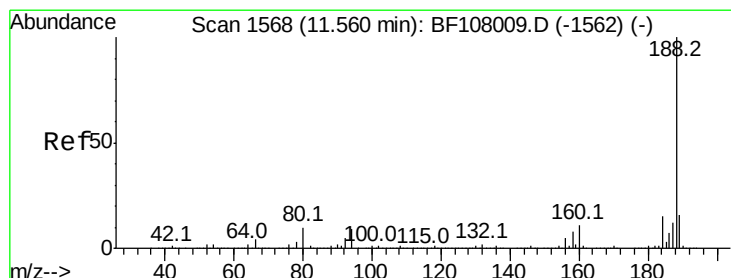
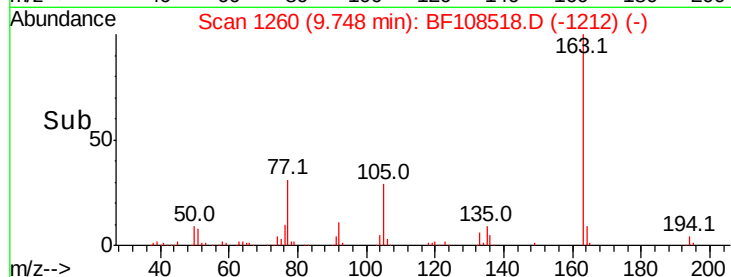
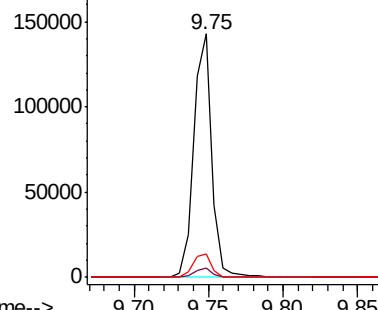
#49
 Dimethylphthalate
 Concen: 8.277 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 Y-1802

Tot Ion:163	Resp:	121136
Ion Ratio	Lower	Upper
163	100	
194	4.0	2.7 4.1
164	9.5	8.2 12.2

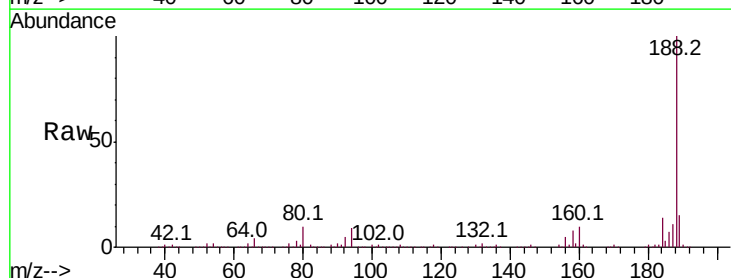


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

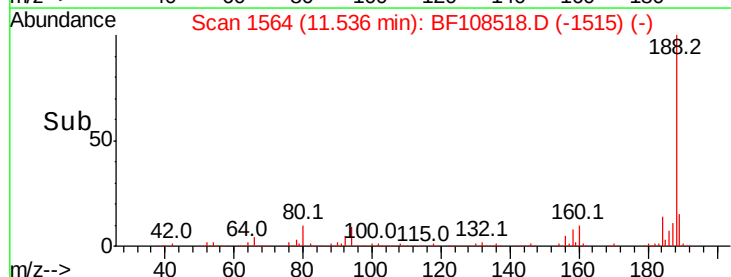
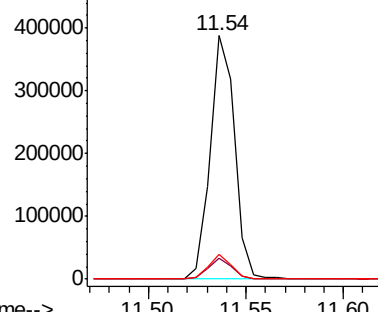


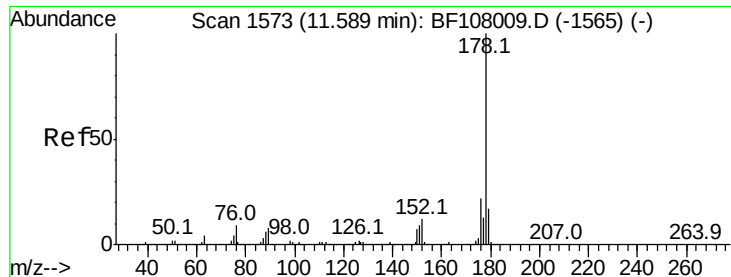
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion:188	Resp:	337031
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.5 12.7
80	10.2	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





#70

Phenanthrene

Concen: 3.097 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampleId :

Y-1802

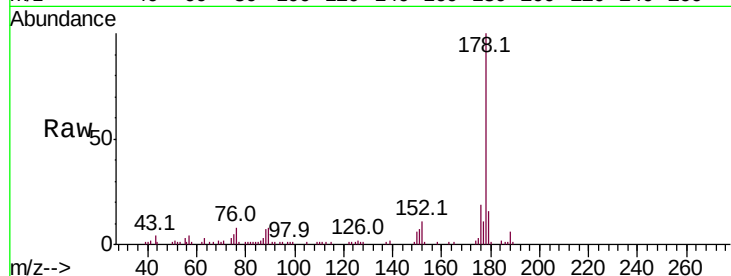
Tot Ion:178 Resp: 49232

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

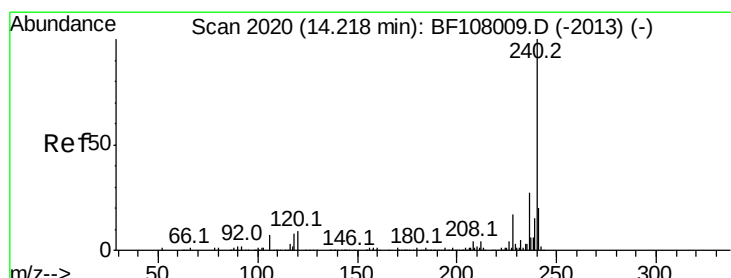
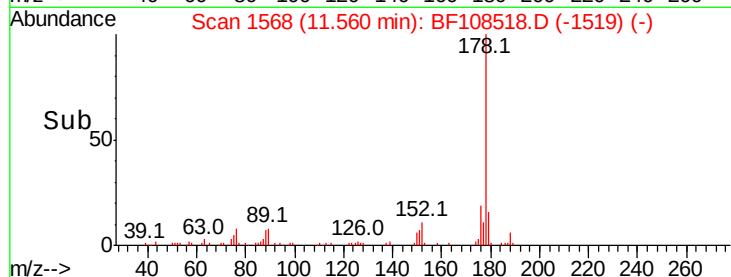
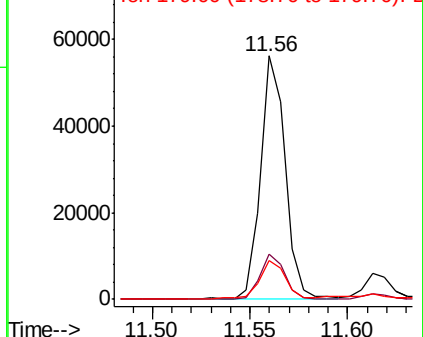
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

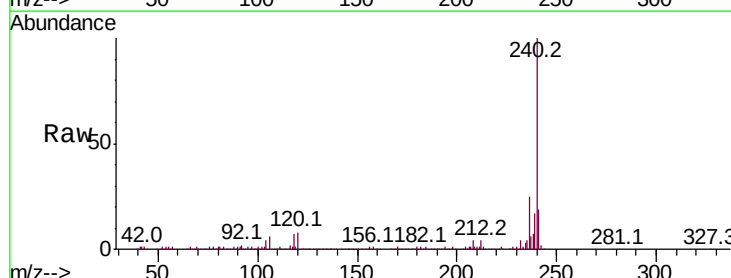
Tgt Ion:240 Resp: 278725

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

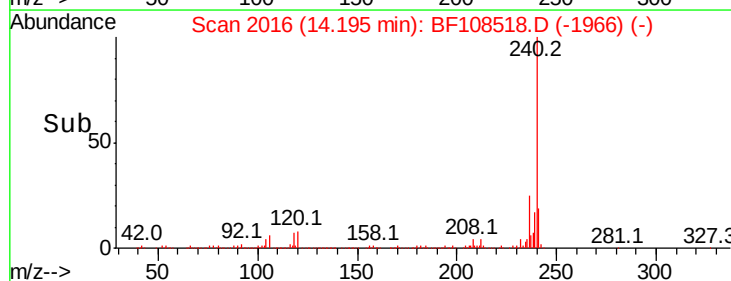
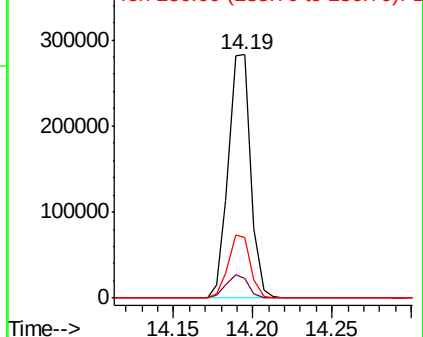
236 25.1 20.7 31.1

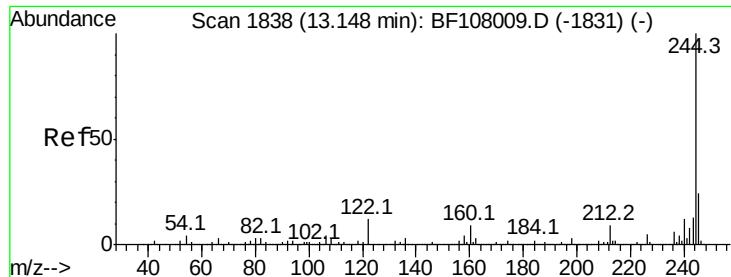


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

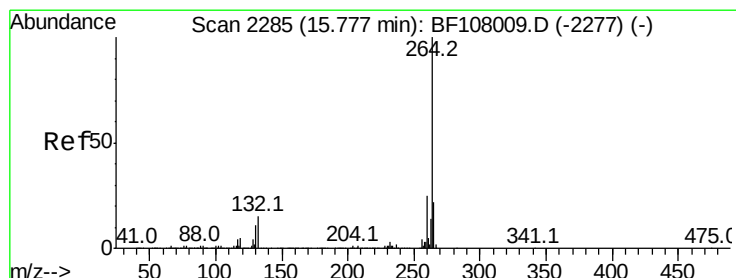
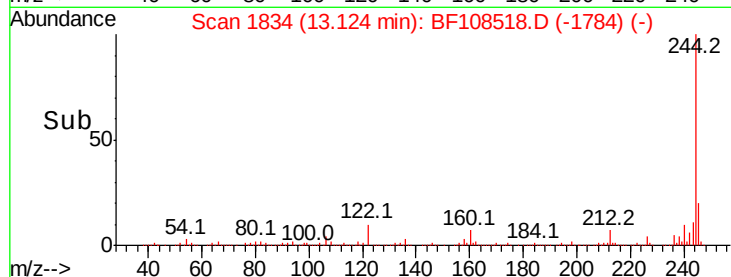
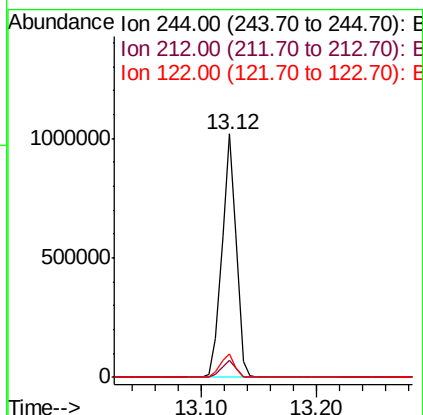
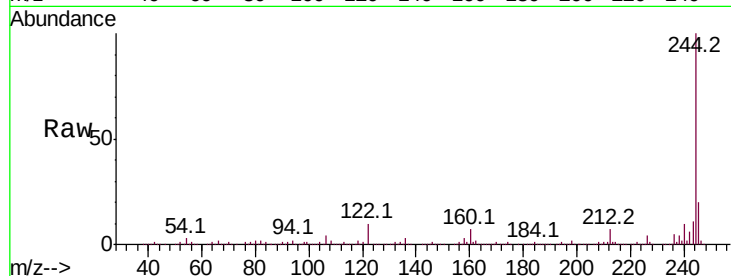




#78
 Terphenyl-d14
 Concen: 79.175 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Instrument :
 BNA_F
 ClientSampled :
 Y-1802

Tot Ion:244 Resp: 867941
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion:264 Resp: 266706
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.5 26.3

