

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108767.D
 Acq On : 5 Sep 2018 5:35
 Operator : JU/SJ
 Sample : J4741-04 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 08:03:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

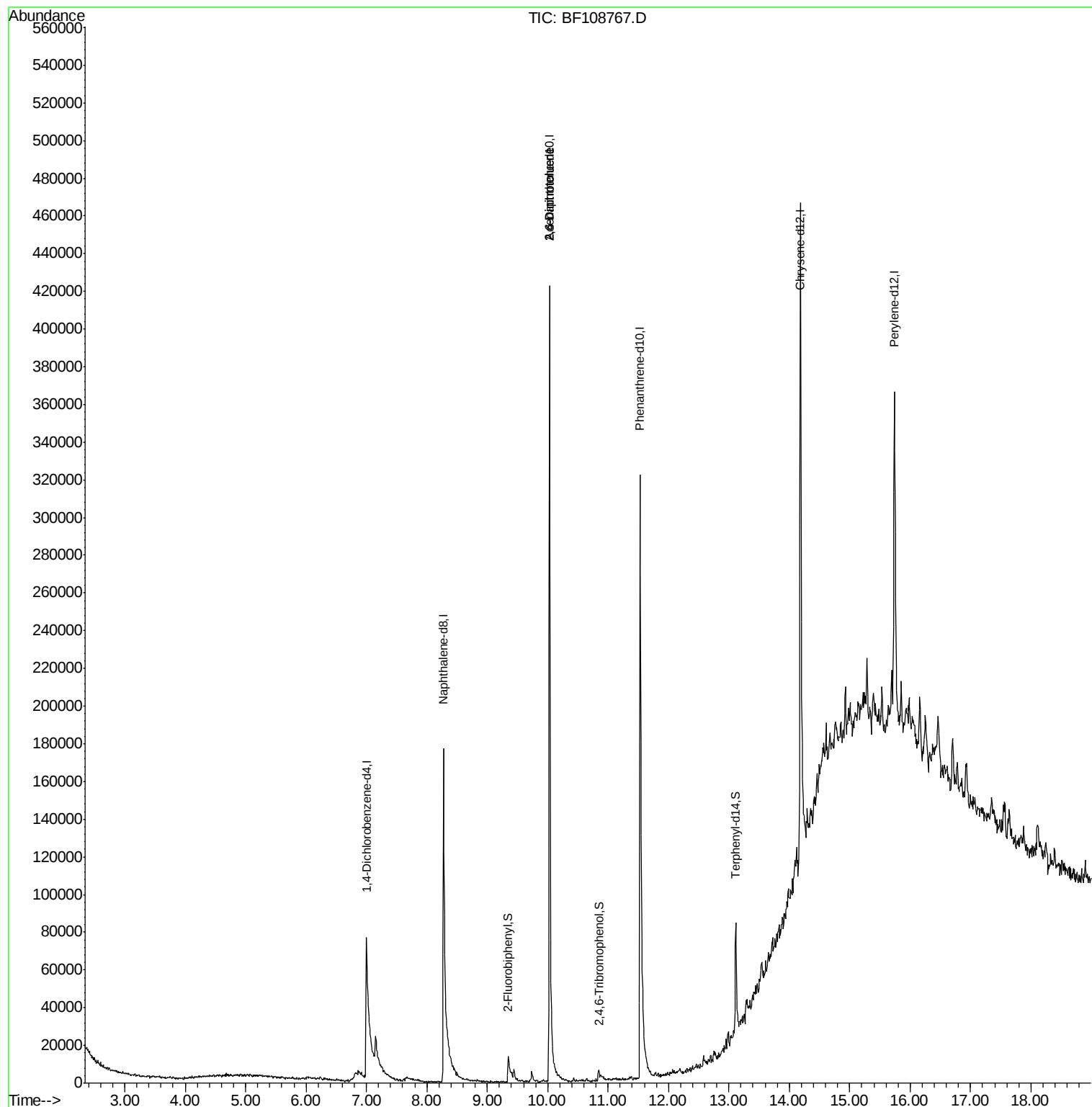
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	41663	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	212067	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	114462	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	258340	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	193954	20.00	ng	-0.02
86) Perylene-d12	15.74	264	145306	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	108	0.05	ng	0.24
7) Phenol-d6	6.78	99	3077	0.90	ng	0.14
23) Nitrobenzene-d5	7.65	82	2312	0.55	ng	0.08
41) 2,4,6-Tribromophenol	10.85	330	4194	2.78	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	23050	2.71	ng	-0.01
78) Terphenyl-d14	13.11	244	36072	3.61	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.03	165	13731	6.911	ng	# 25
56) 2,4-Dinitrotoluene	10.03	165	13731	5.220	ng	# 23

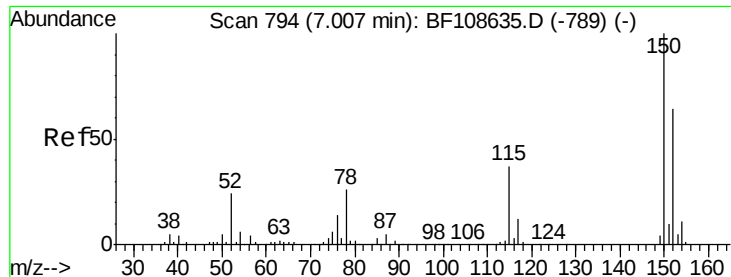
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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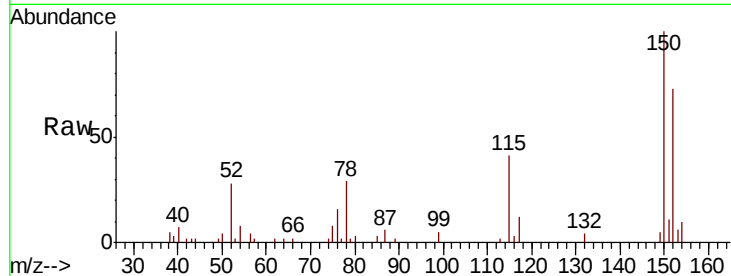


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108767.D
Acq: 5 Sep 2018 5:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.5	124.6	186.8
115	55.8	50.1	75.1

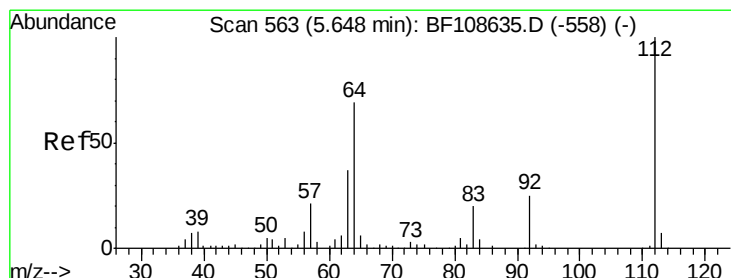
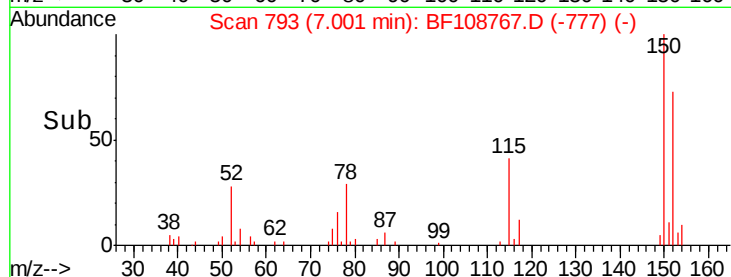
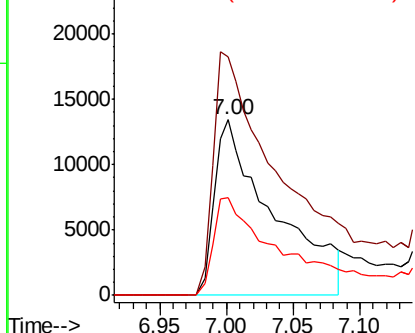


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

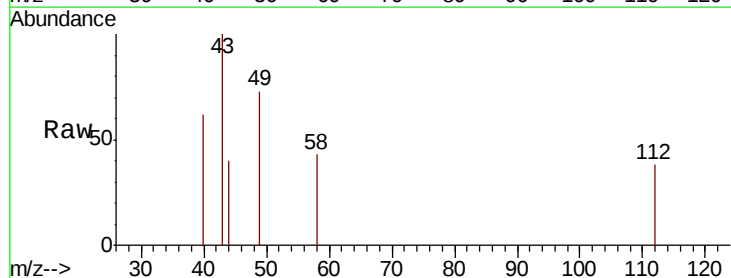
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.045 ng
RT: 5.89 min Scan# 604
Delta R.T. 0.24 min
Lab File: BF108767.D
Acq: 5 Sep 2018 5:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#

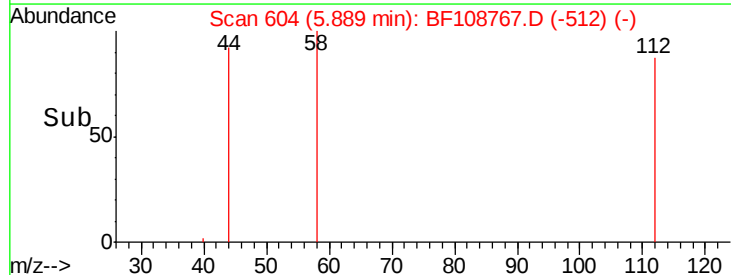
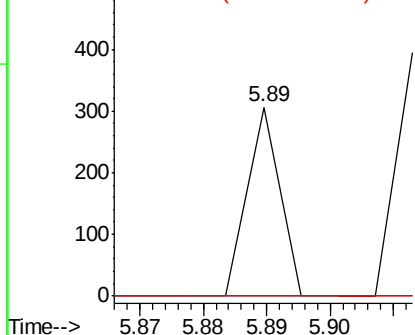


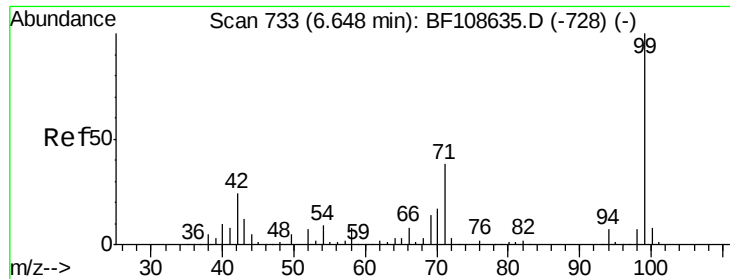
Abundance

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: 0.896 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.14 min

Lab File: BF108767.D

Acq: 5 Sep 2018 5:35

Instrument :

BNA_F

ClientSampleId :

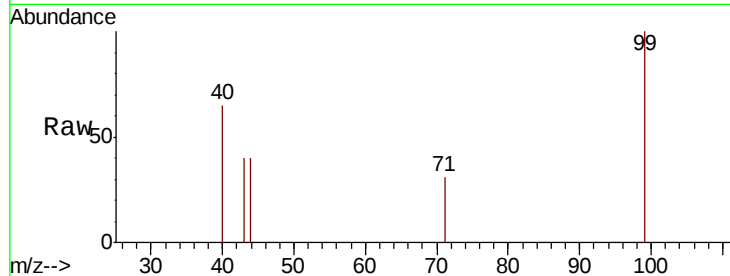
Tot Ion: 99 Resp: 3077

Ion Ratio Lower Upper

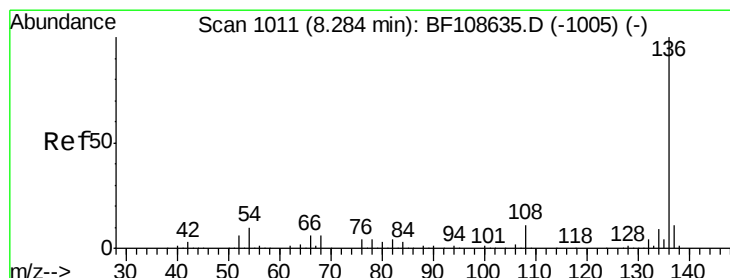
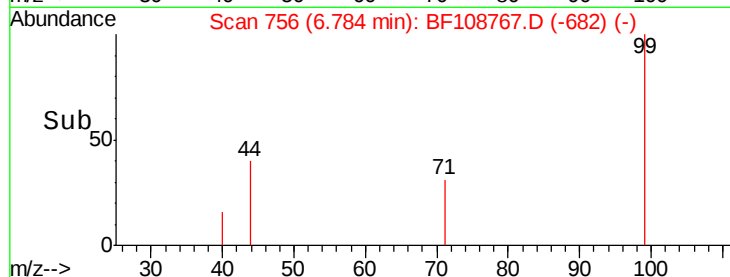
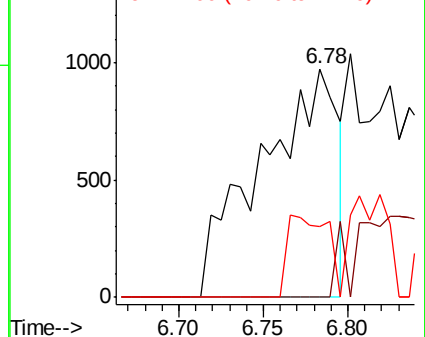
99 100

42 0.0 14.5 21.7#

71 30.9 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# 1010

Delta R.T. -0.01 min

Lab File: BF108767.D

Acq: 5 Sep 2018 5:35

Tgt Ion: 136 Resp: 212067

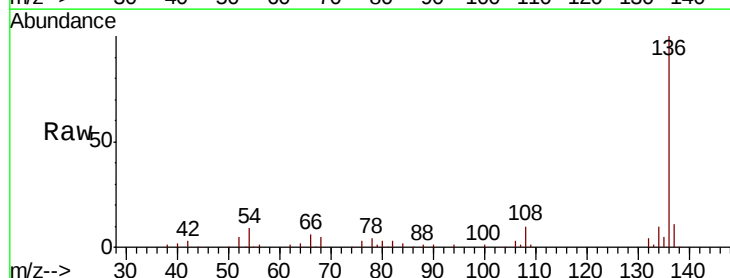
Ion Ratio Lower Upper

136 100

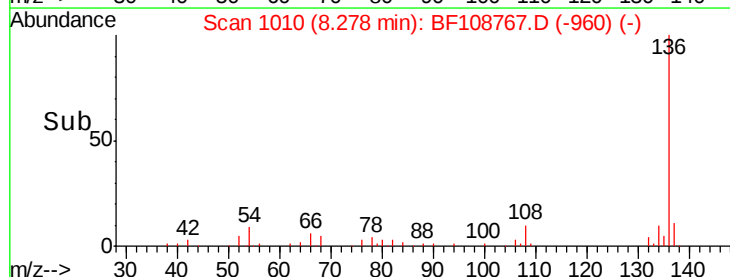
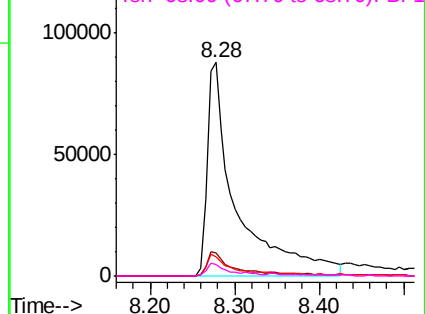
137 10.8 8.9 13.3

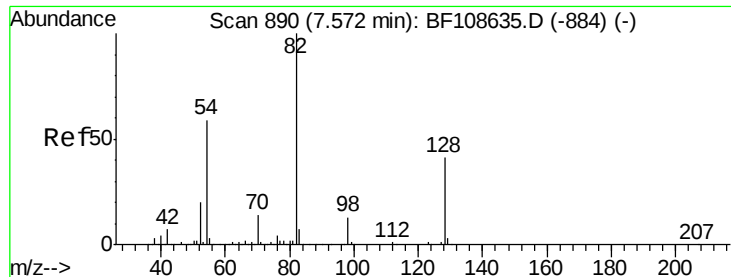
54 8.9 6.6 9.8

68 5.2 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

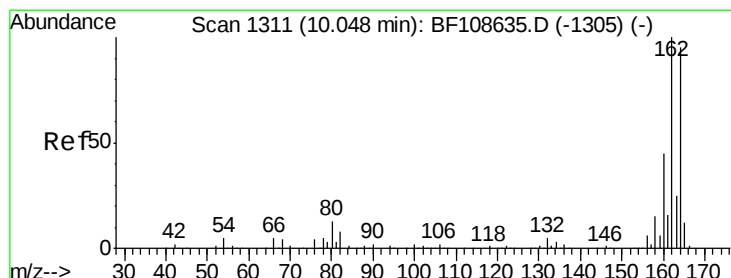
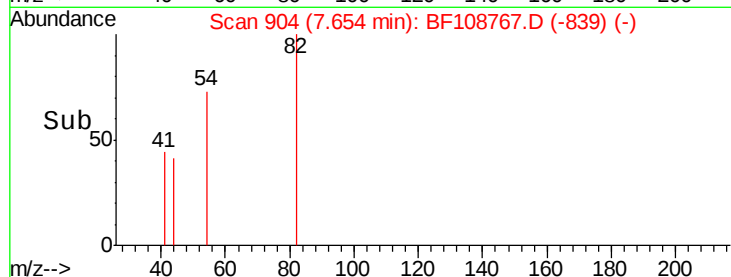
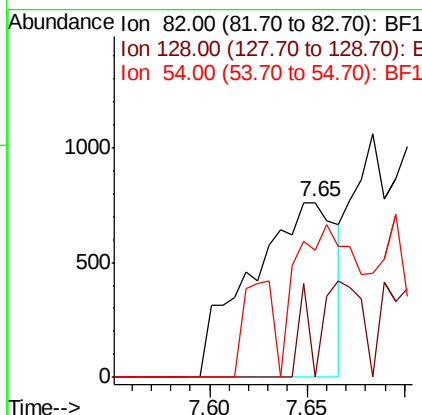
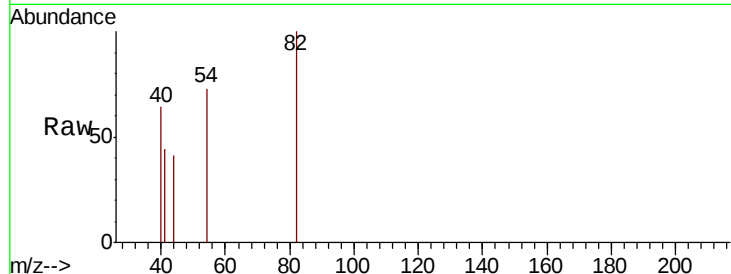




#23
 Nitrobenzene-d5
 Concen: 0.553 ng
 RT: 7.65 min Scan# 904
 Delta R.T. 0.08 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

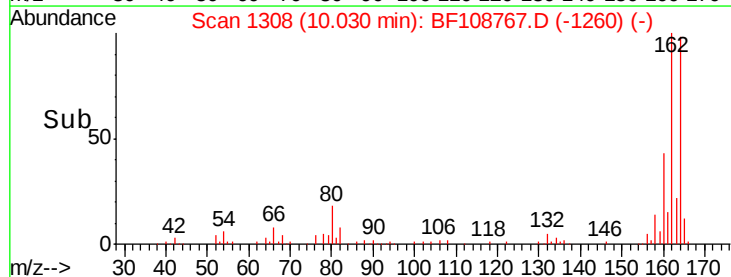
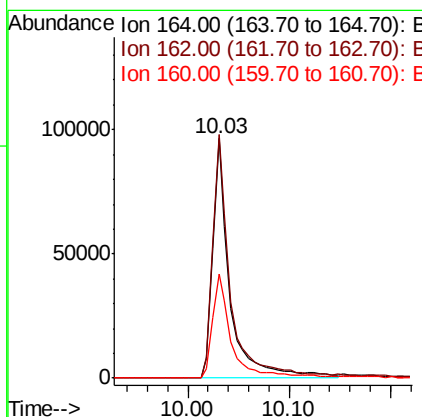
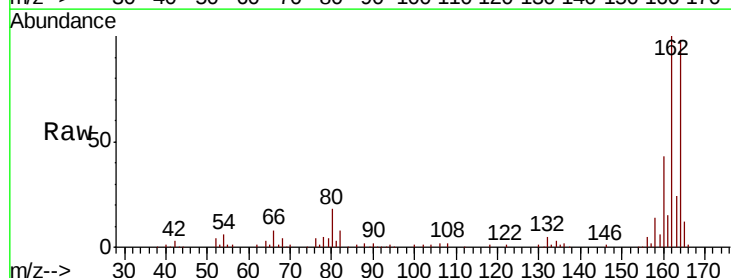
Instrument :
 BNA_F
 ClientSampled :

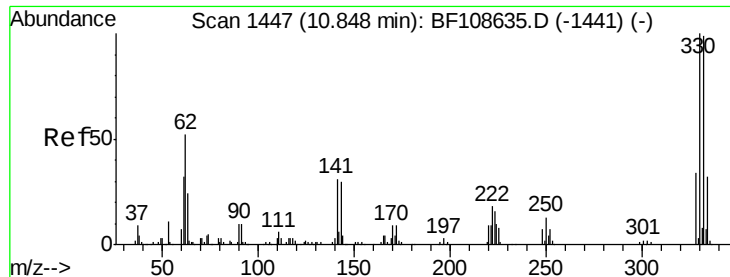
Tot Ion: 82 Resp: 2312
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 72.5 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

Tgt Ion: 164 Resp: 114462
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 43.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 2.776 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF108767.D

Acq: 5 Sep 2018 5:35

Instrument :

BNA_F

ClientSampleId :

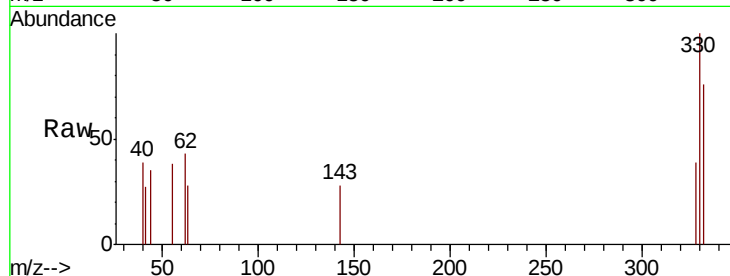
Tot Ion:330 Resp: 4194

Ion Ratio Lower Upper

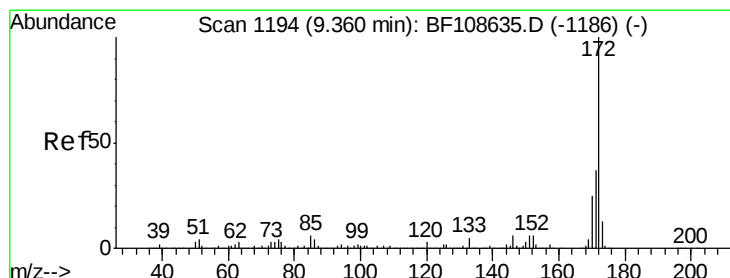
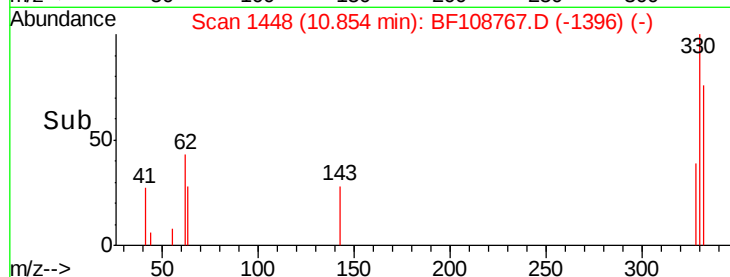
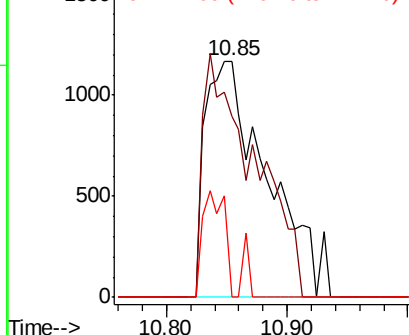
330 100

332 0.0 77.0 115.6#

141 2.7 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: 2.708 ng

RT: 9.35 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF108767.D

Acq: 5 Sep 2018 5:35

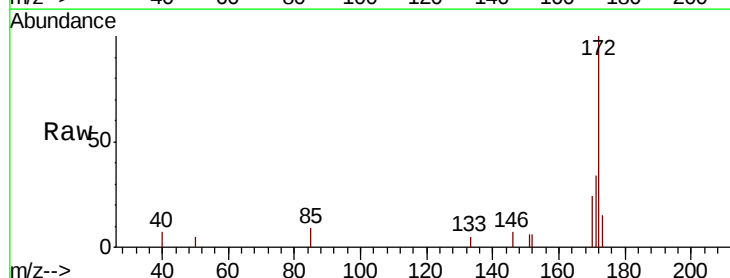
Tgt Ion:172 Resp: 23050

Ion Ratio Lower Upper

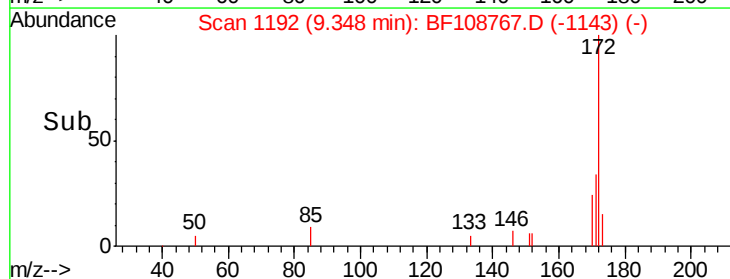
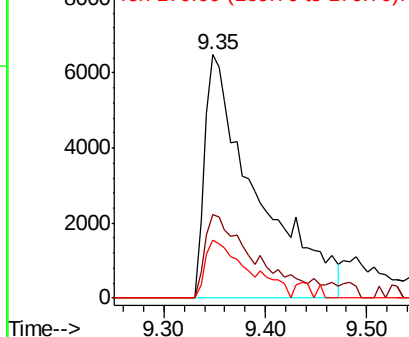
172 100

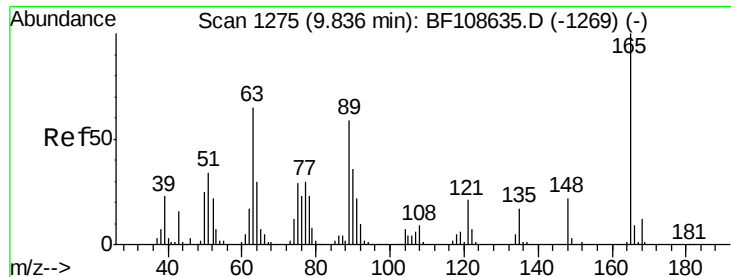
171 34.3 29.7 44.5

170 24.0 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

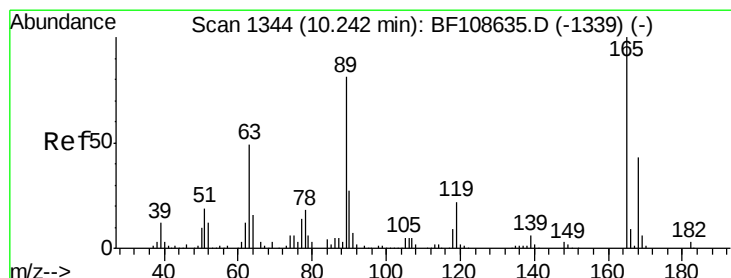
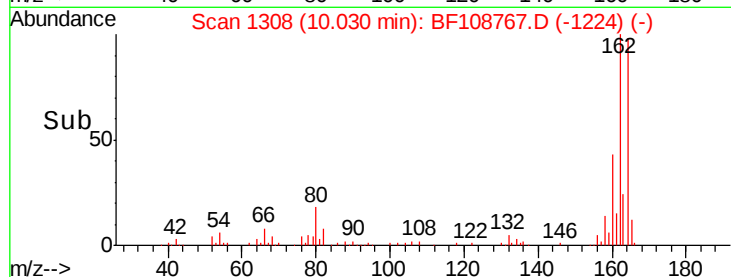
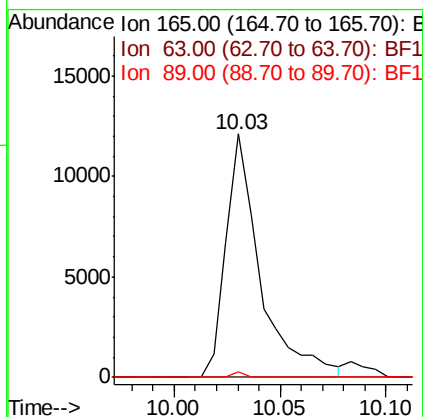
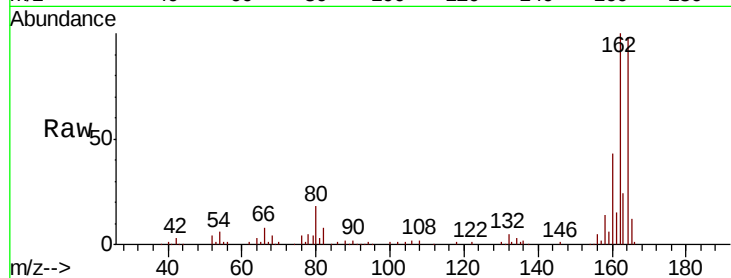




#50
 2,6-Dinitrotoluene
 Concen: 6.911 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.19 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

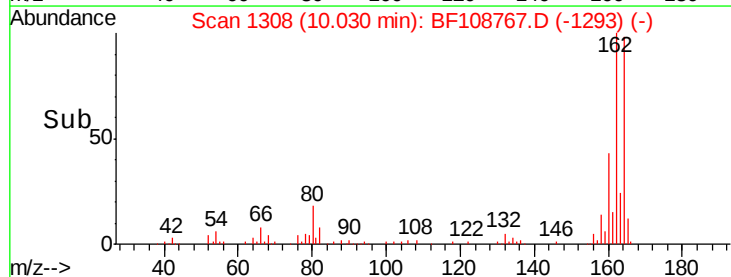
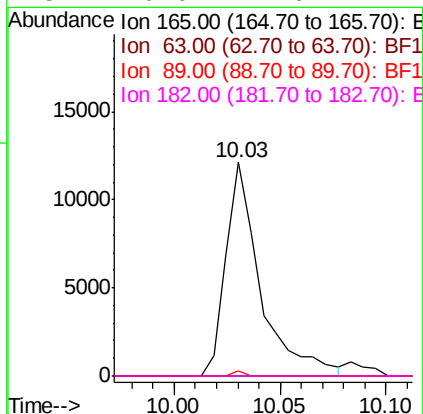
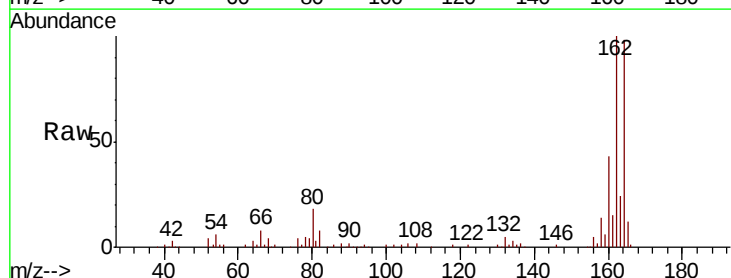
Instrument :
 BNA_F
 ClientSampleId :

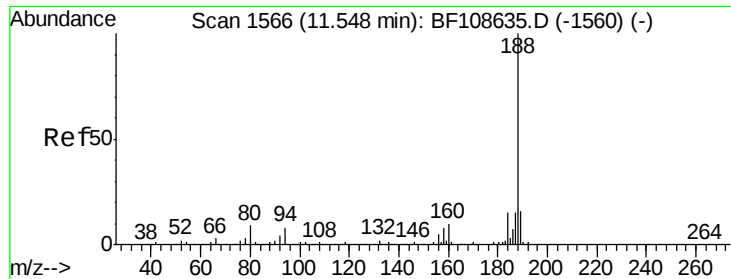
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.220 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.21 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#

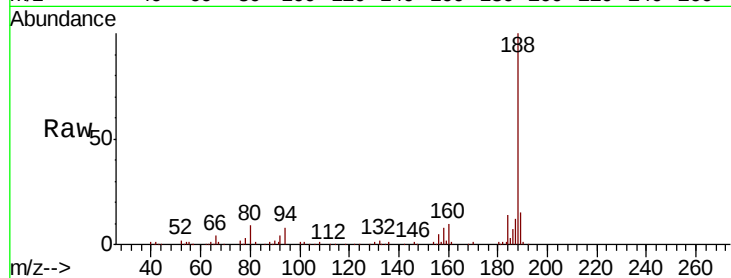




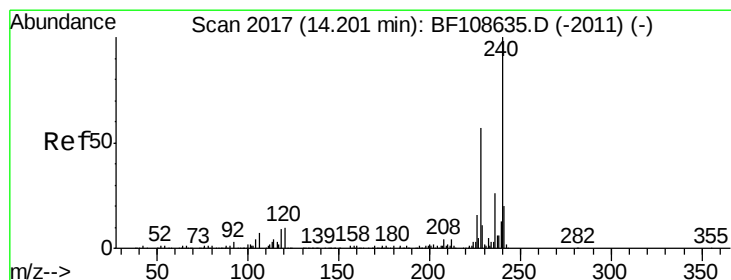
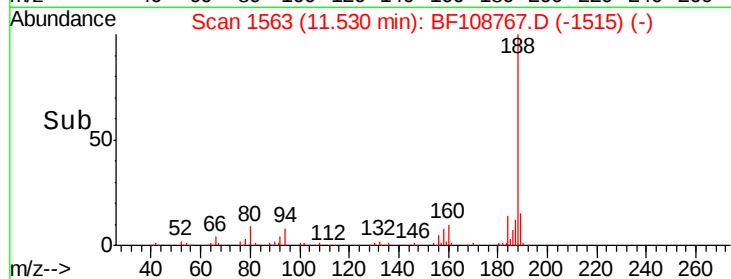
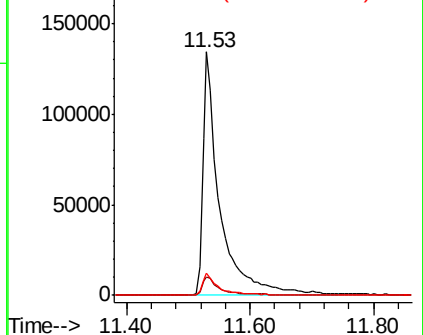
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108767.D
Acq: 5 Sep 2018 5:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 258340
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 9.1 9.2 13.8#

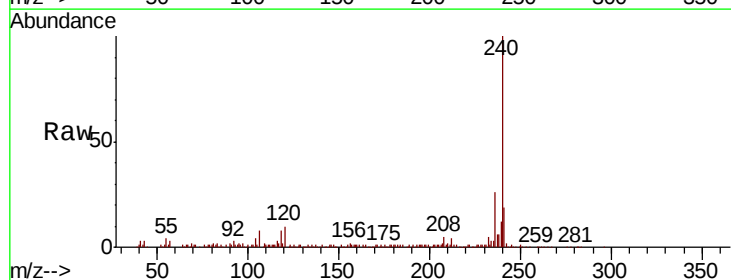


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

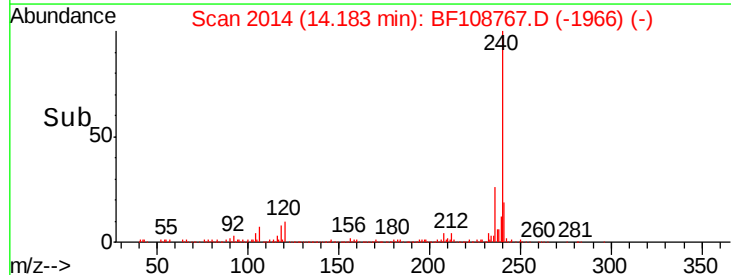
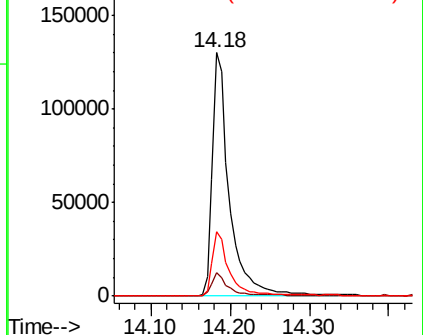


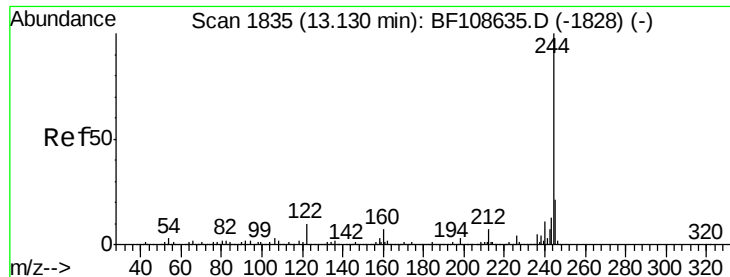
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108767.D
Acq: 5 Sep 2018 5:35

Tgt Ion:240 Resp: 193954
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.4 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

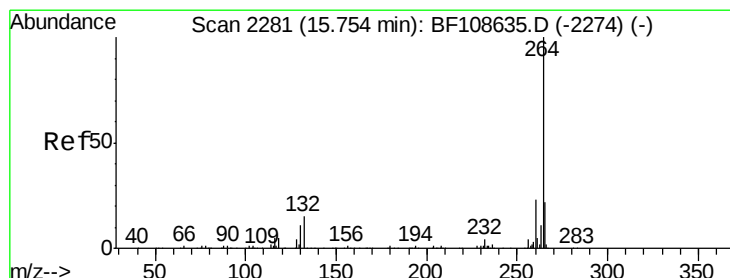
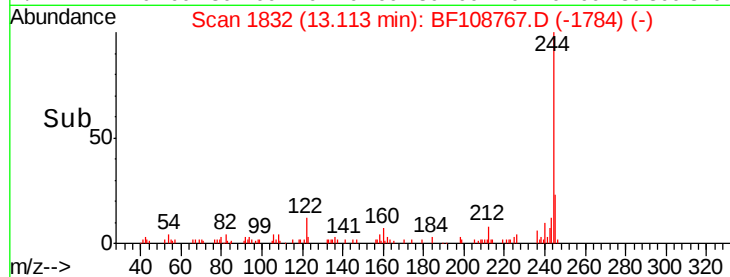
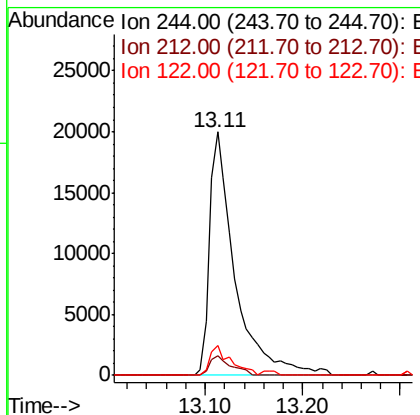
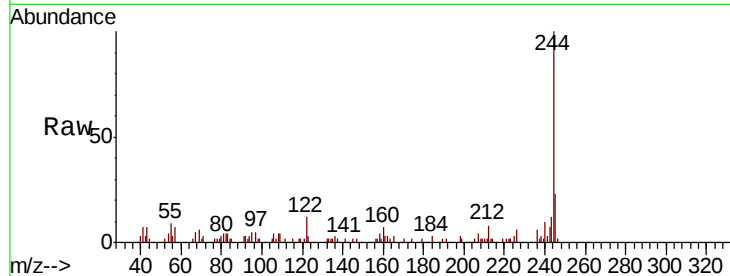




#78
 Terphenyl-d14
 Concen: 3.614 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 36072
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108767.D
 Acq: 5 Sep 2018 5:35

Tgt Ion:264 Resp: 145306
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.5 26.3

