

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109925.D
 Acq On : 17 Oct 2018 17:40
 Operator : JU/SJ
 Sample : J5541-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101518-TIPC-F-U-B

Quant Time: Oct 18 10:50:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

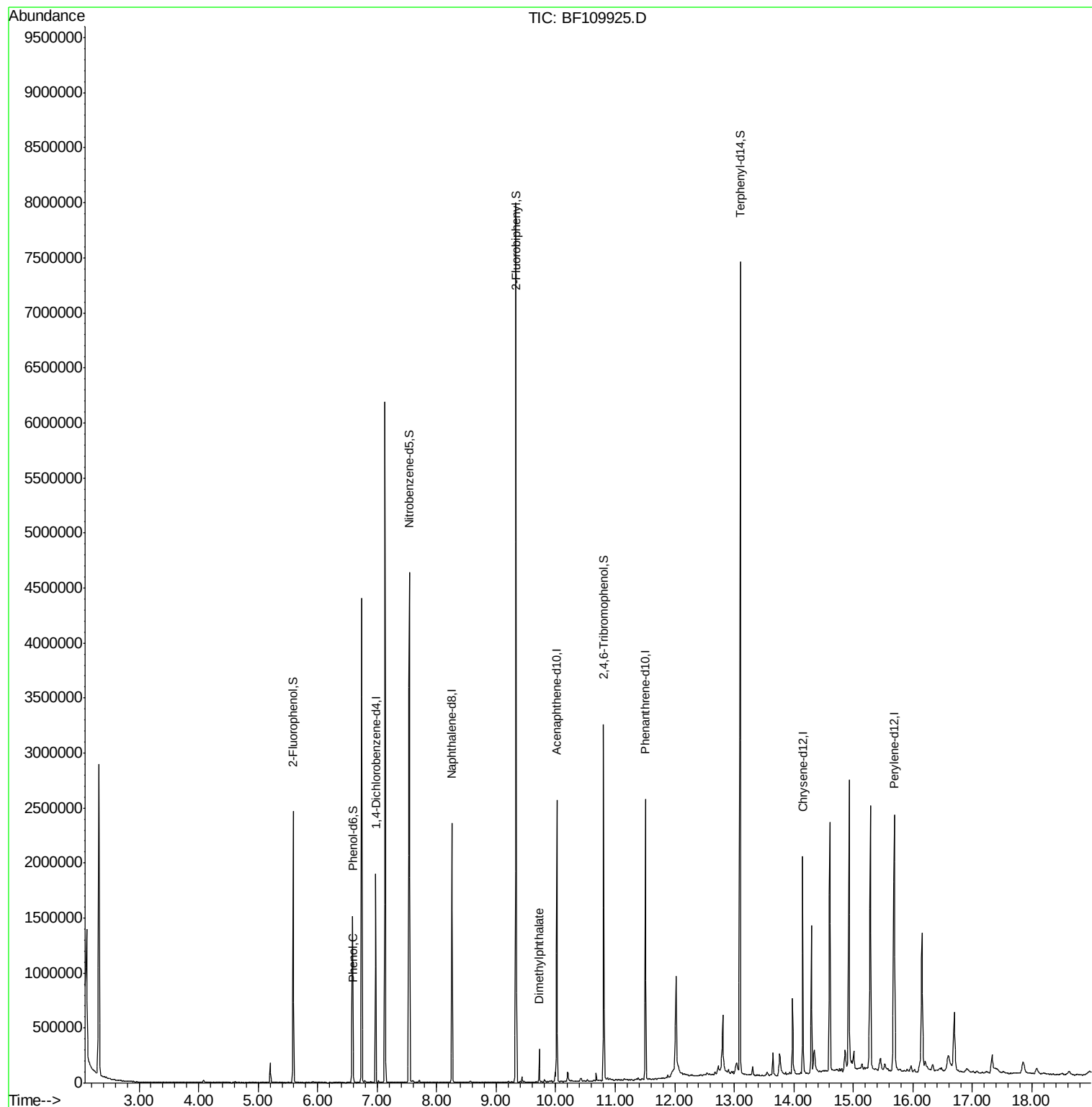
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	249514	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1009780	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	478658	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	901161	20.00	ng	0.00
76) Chrysene-d12	14.15	240	613294	20.00	ng	-0.01
87) Perylene-d12	15.67	264	450708	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	643012	40.85	ng	0.00
7) Phenol-d6	6.59	99	492043	25.17	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1554000	103.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	399427	96.38	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2719785	90.67	ng	0.00
79) Terphenyl-d14	13.10	244	2547568	87.23	ng	0.00
Target Compounds						
10) Phenol	6.60	94	76080	3.605	ng	Qvalue # 59
50) Dimethylphthalate	9.72	163	98695	2.912	ng	99

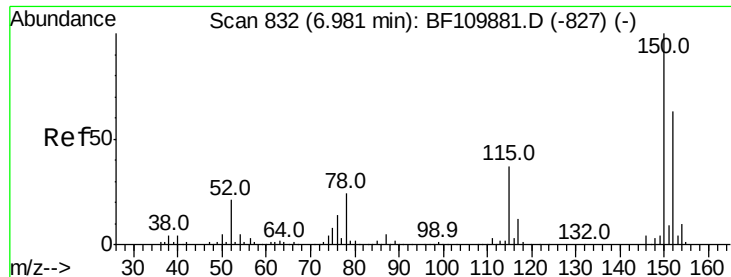
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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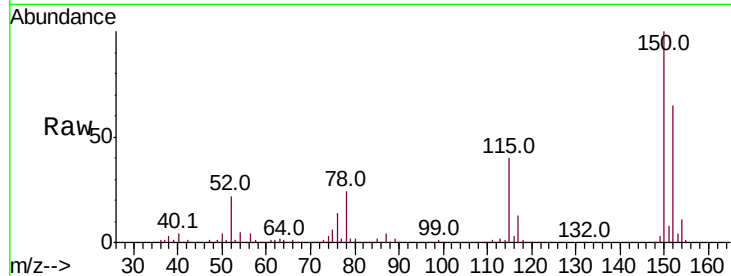


#1

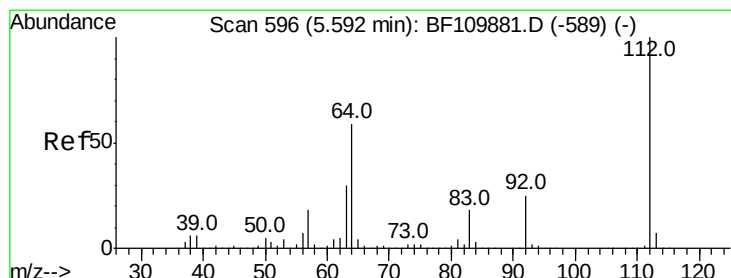
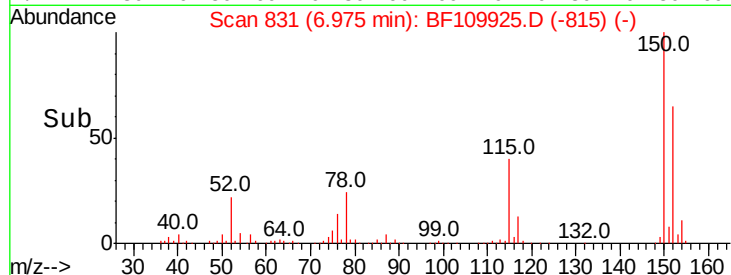
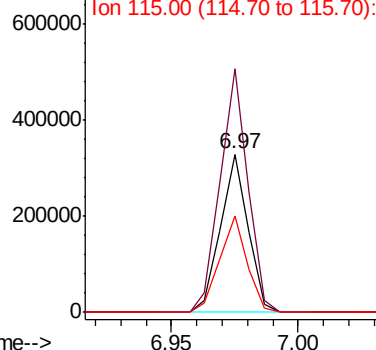
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Instrument :
BNA_F
ClientSampleId :
101518-TIPC-F-U-B

Tot Ion:152 Resp: 249514
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 60.9 49.1 73.7



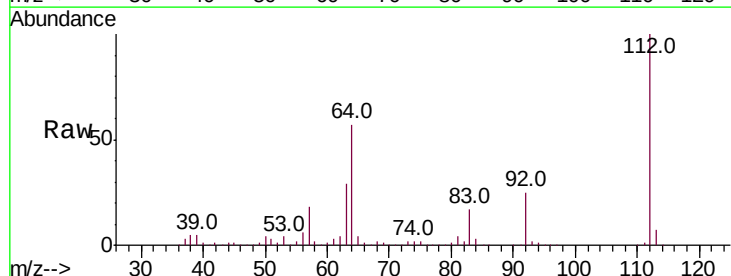
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



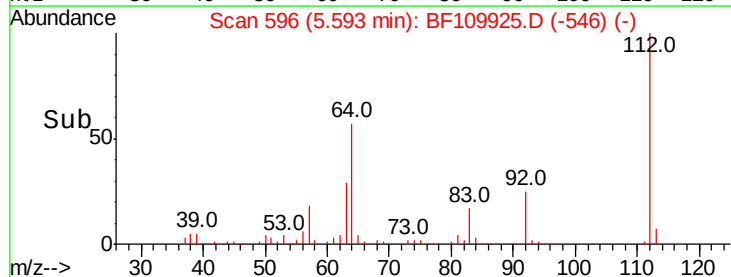
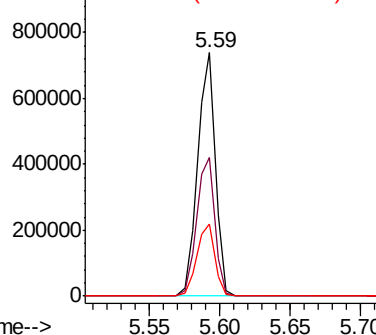
#5

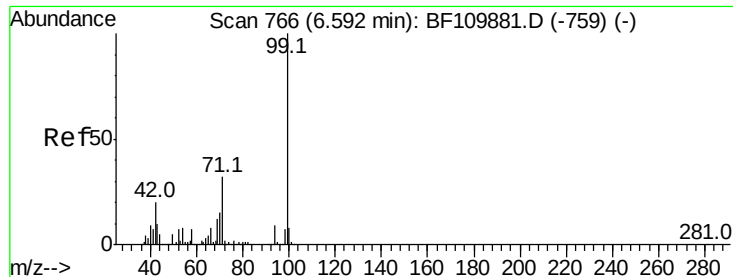
2-Fluorophenol
Concen: 40.850 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Tgt Ion:112 Resp: 643012
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 29.4 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: 25.174 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

101518-TIPC-F-U-B

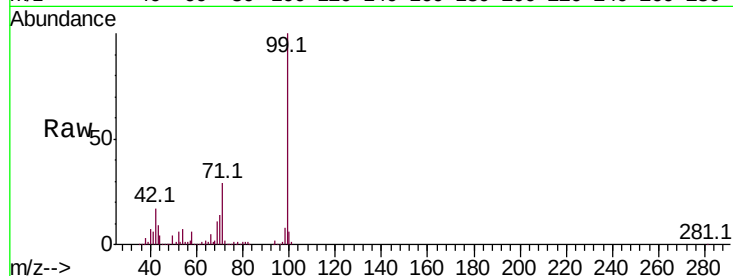
Tot Ion: 99 Resp: 492043

Ion Ratio Lower Upper

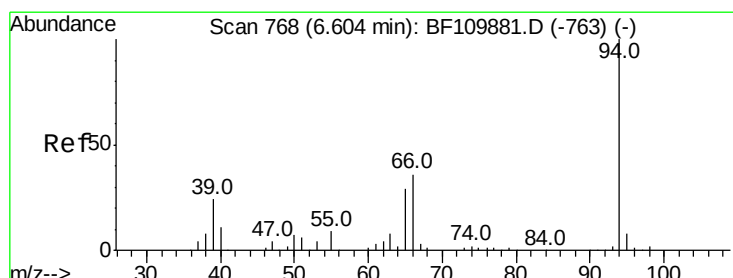
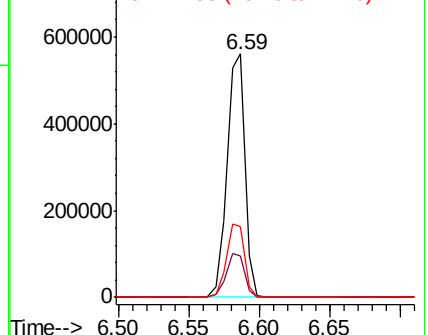
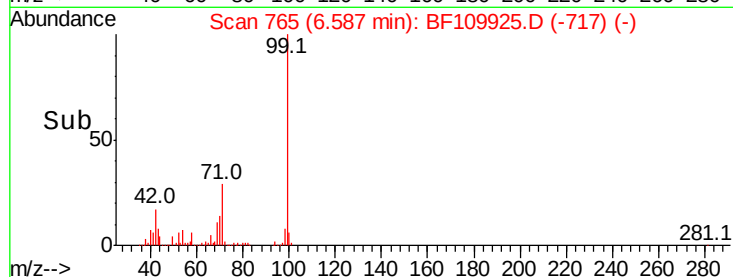
99 100

42 17.0 15.8 23.6

71 29.3 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: 3.605 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

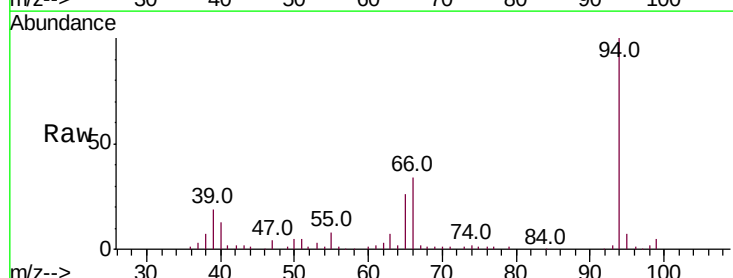
Tgt Ion: 94 Resp: 76080

Ion Ratio Lower Upper

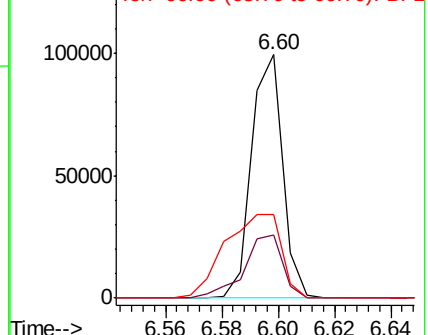
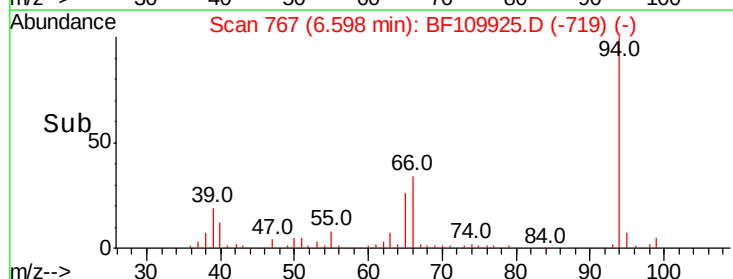
94 100

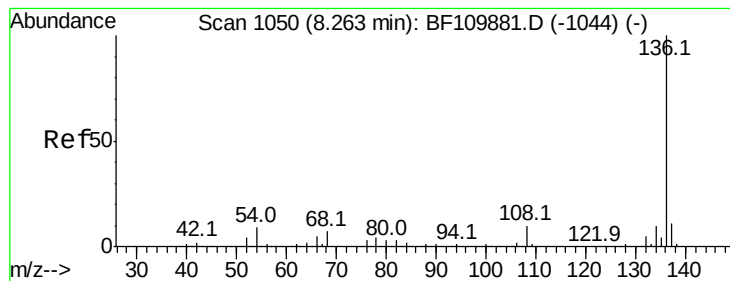
65 26.0 25.3 65.3

66 34.2 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: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

101518-TIPC-F-U-B

Tot Ion:136 Resp: 1009780

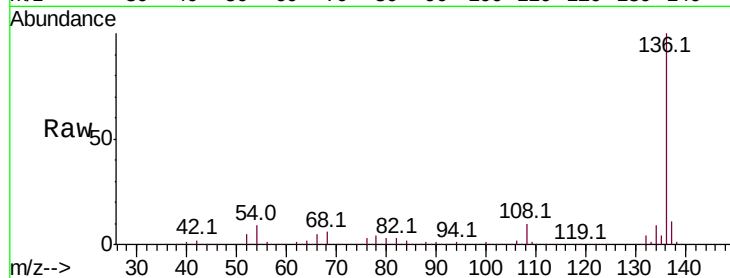
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 5.4 8.2#

68 6.3 4.2 6.2#

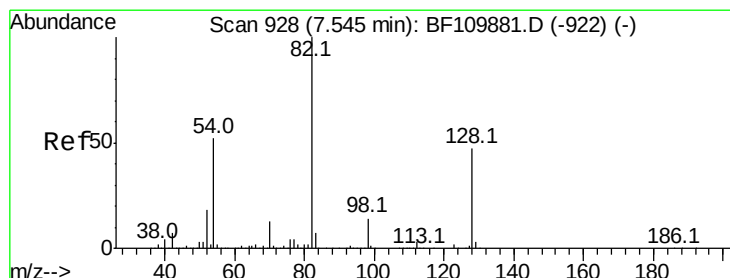
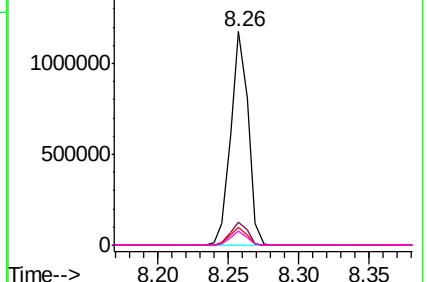
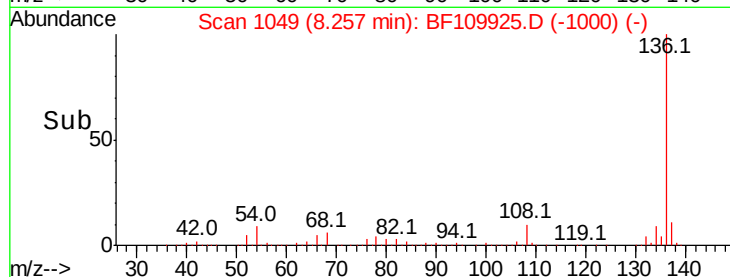


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.670 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

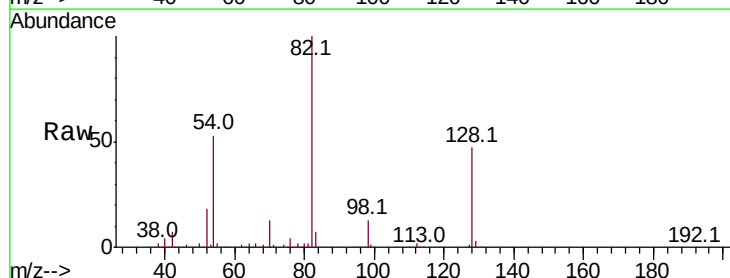
Tgt Ion: 82 Resp: 1554000

Ion Ratio Lower Upper

82 100

128 46.7 34.2 51.2

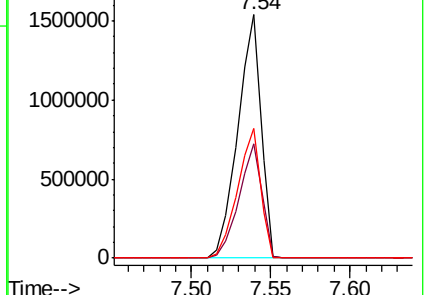
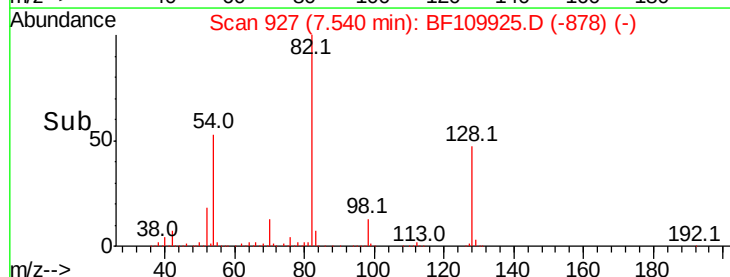
54 53.5 38.6 58.0

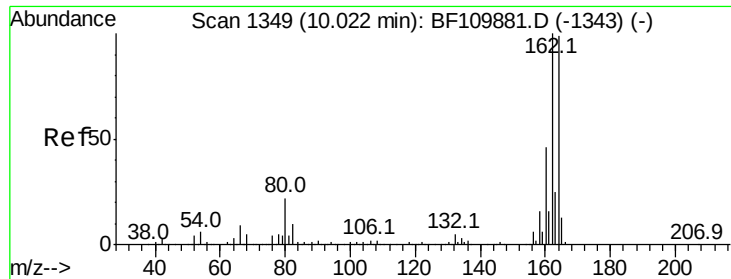


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

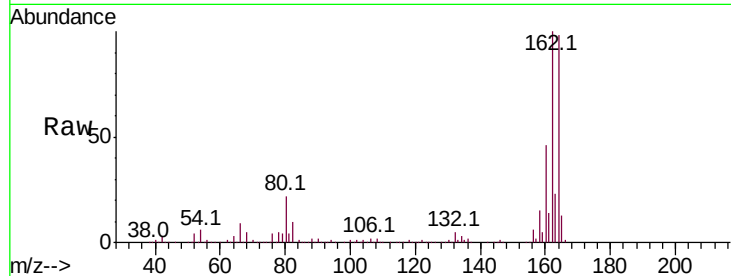




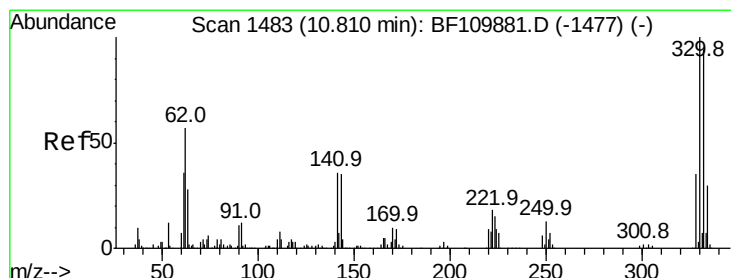
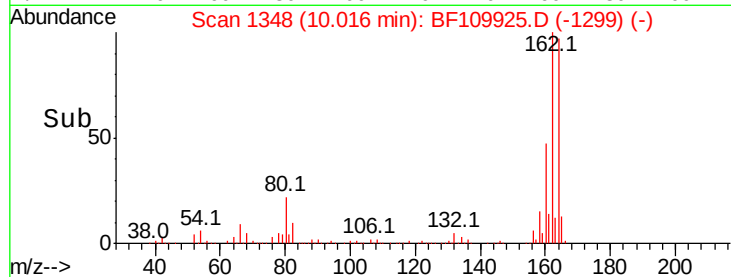
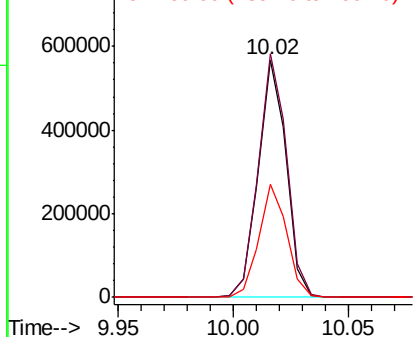
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 101518-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.6
160	47.6	37.0	55.6

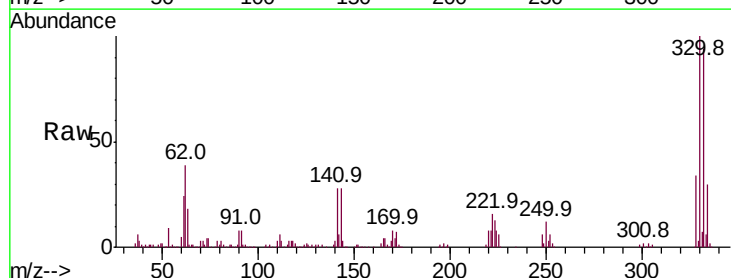


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

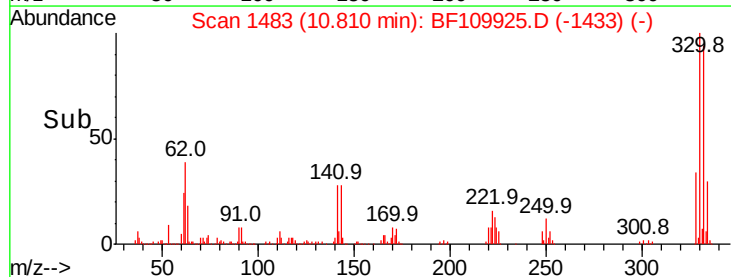
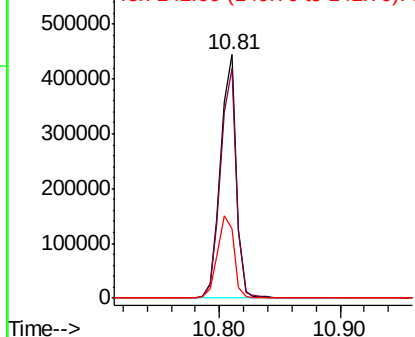


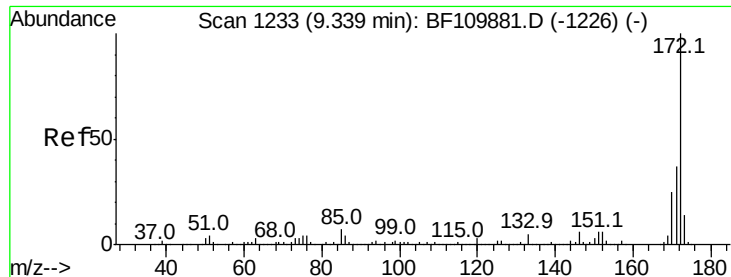
#42
 2,4,6-Tribromophenol
 Concen: 96.385 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	35.5	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



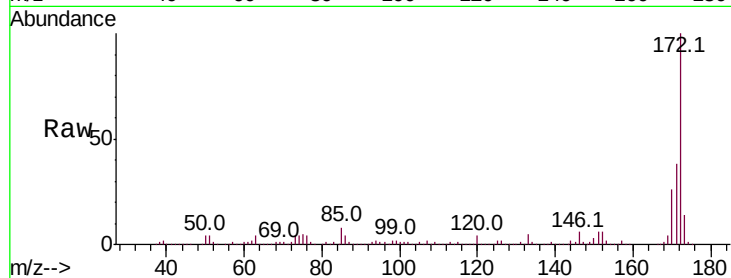


#45
 2-Fluorobiphenyl
 Concen: 90.667 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

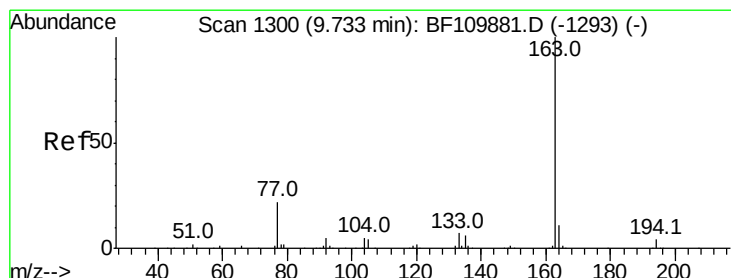
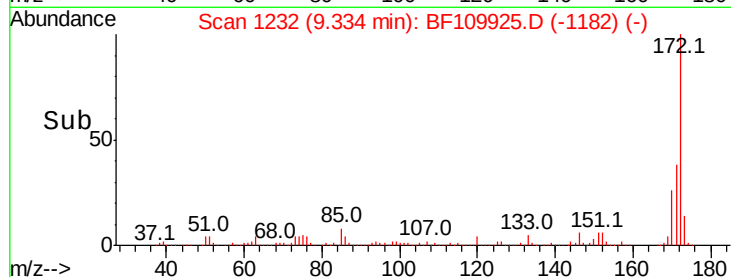
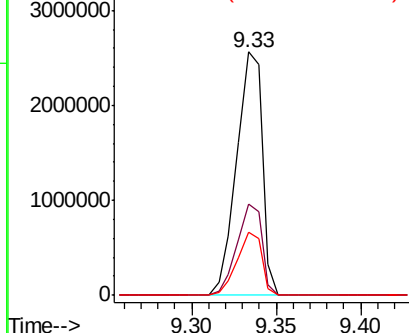
Instrument :
 BNA_F
 ClientSampleId :
 101518-TIPC-F-U-B

Tot Ion:172 Resp: 2719785

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	43.0
170	25.7	19.7	29.5



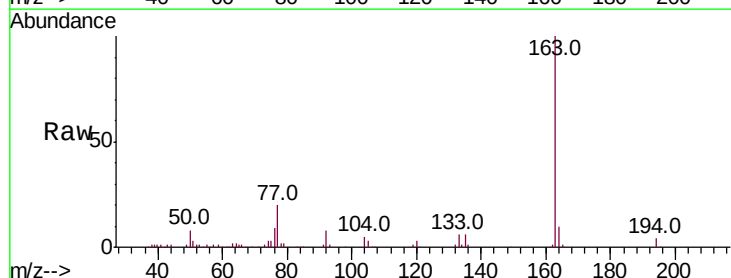
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



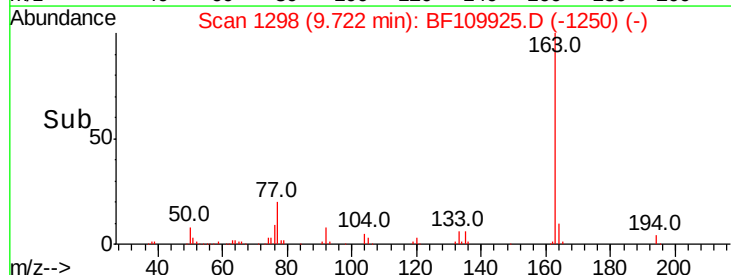
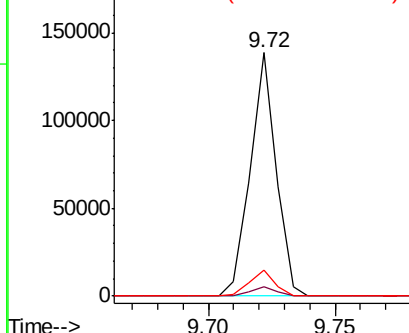
#50
 Dimethylphthalate
 Concen: 2.912 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

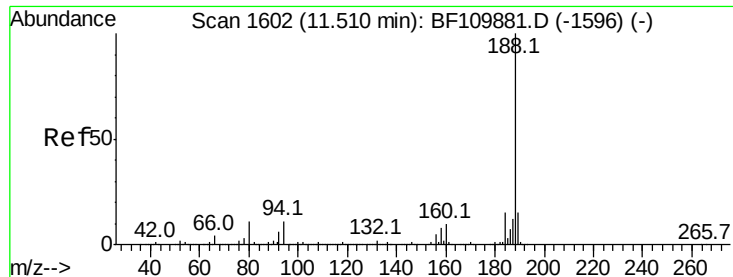
Tgt Ion:163 Resp: 98695

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	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

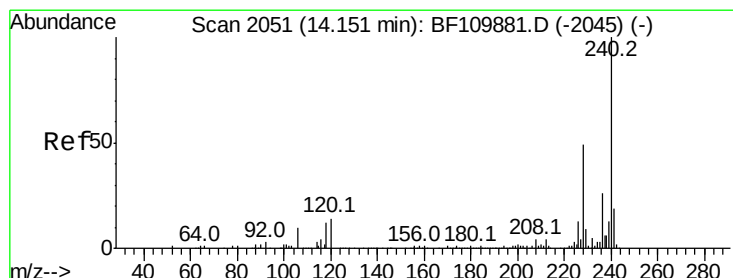
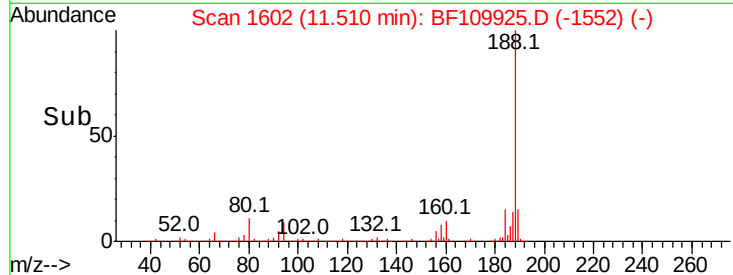
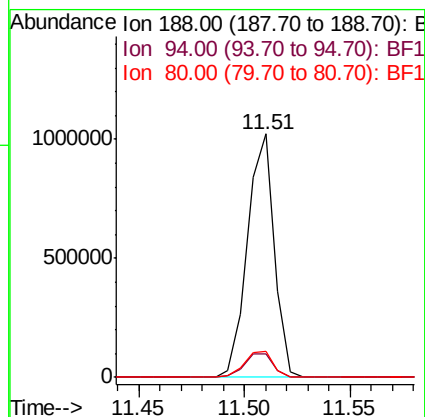
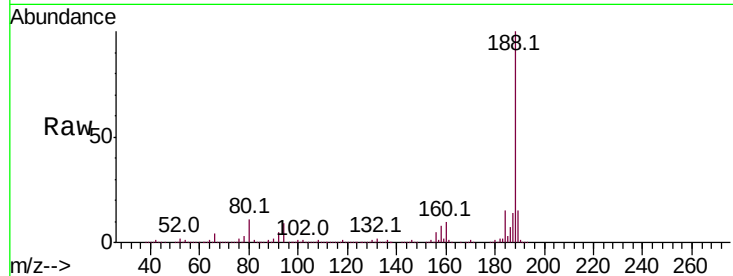




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

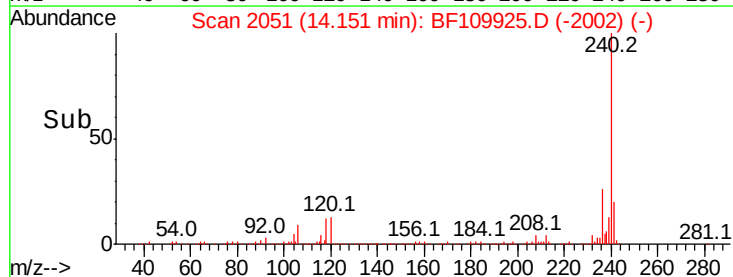
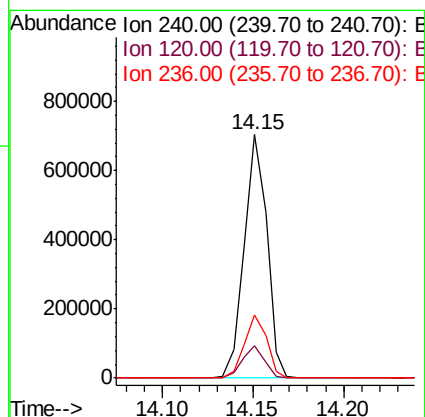
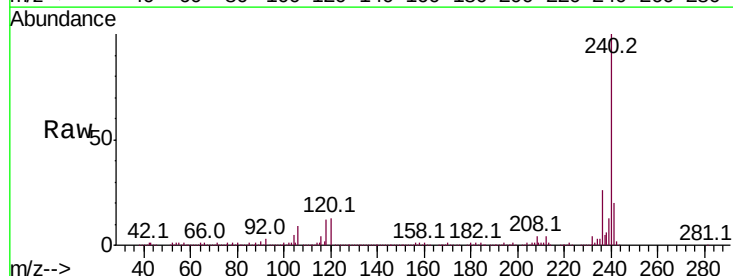
Instrument :
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101518-TIPC-F-U-B

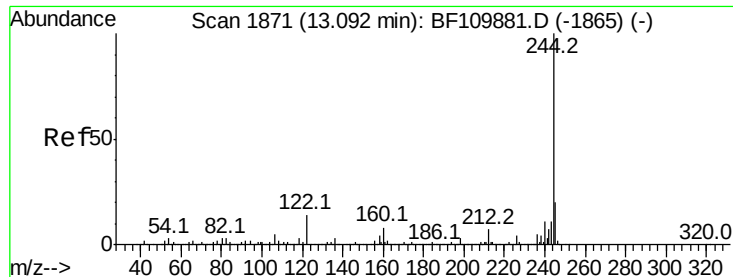
Tot Ion:188 Resp: 901161
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Tgt Ion:240 Resp: 613294
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.8 21.2 31.8

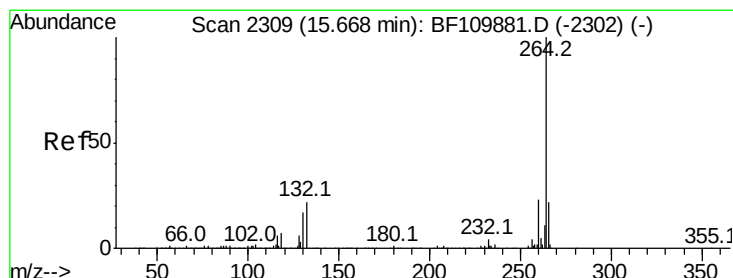
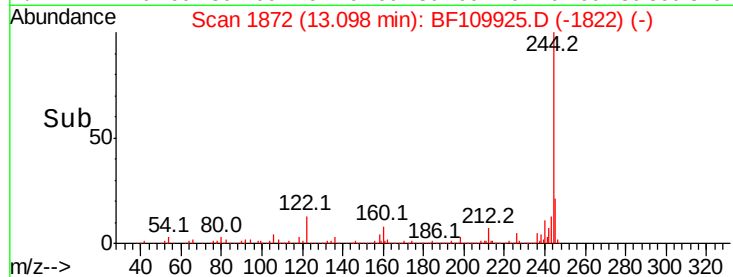
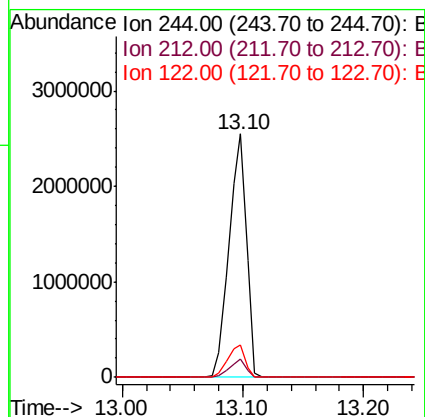
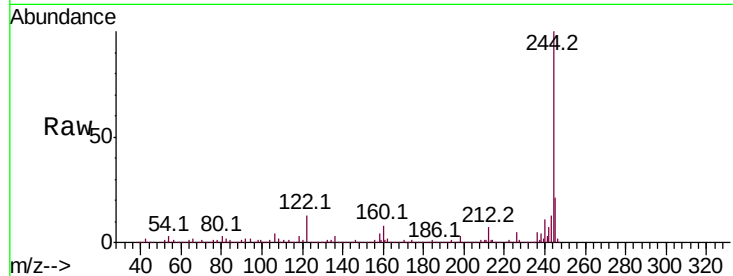




#79
 Terphenyl-d14
 Concen: 87.229 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 101518-TIPC-F-U-B

Tot Ion:244 Resp: 2547568
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.4 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Tgt Ion:264 Resp: 450708
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.1 16.7 25.1

