

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113606.D
 Acq On : 5 Apr 2019 2:20
 Operator : JU/SJ
 Sample : K2193-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:51:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

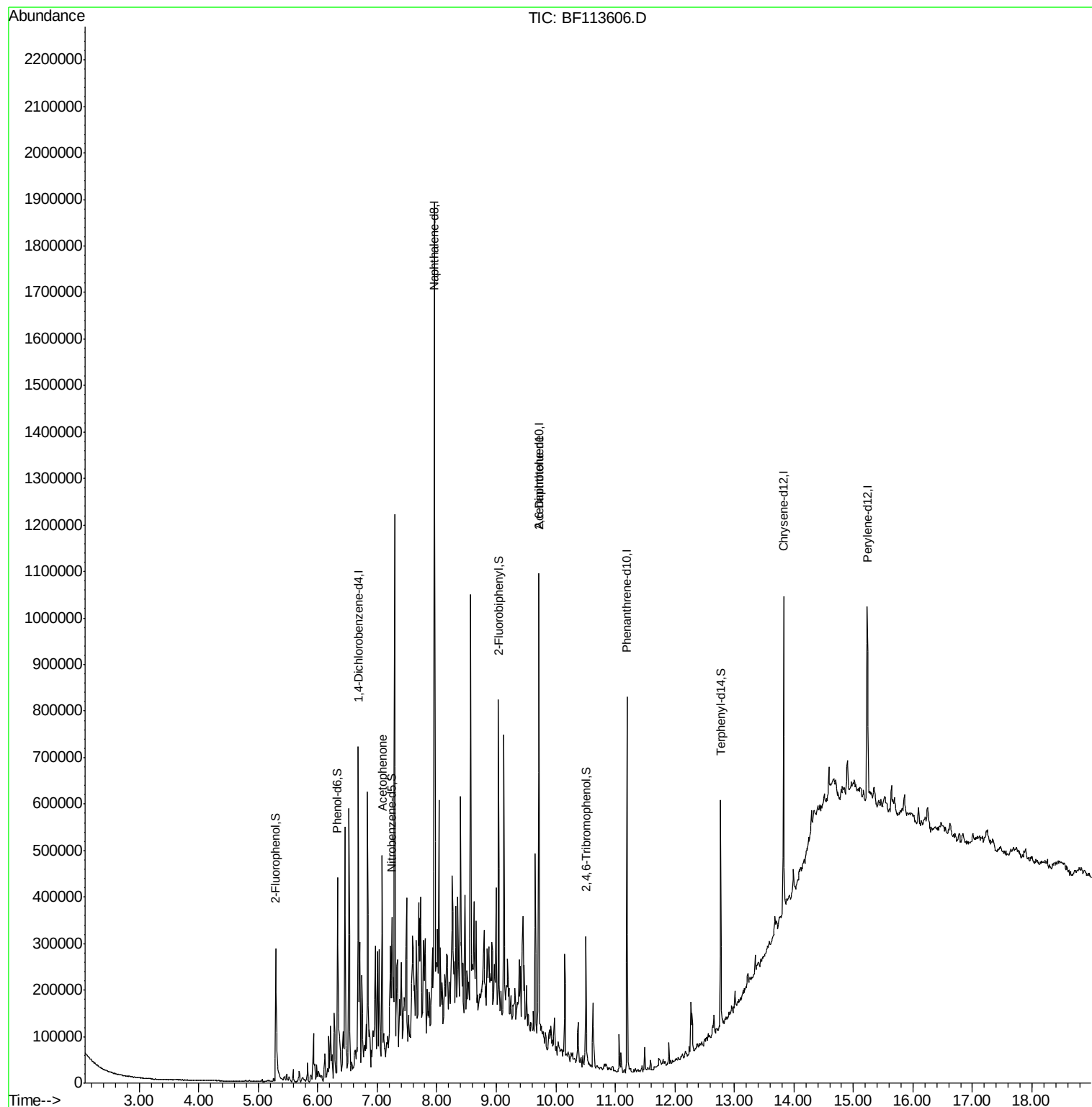
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111431	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	384642	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	176828	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	339058	20.00	ng	0.00
76) Chrysene-d12	13.83	240	230417	20.00	ng	-0.02
87) Perylene-d12	15.23	264	188627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	133269	20.39	ng	0.00
7) Phenol-d6	6.33	99	182529	22.66	ng	0.00
23) Nitrobenzene-d5	7.25	82	81977	12.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	38970	18.35	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	190311	17.33	ng	-0.01
79) Terphenyl-d14	12.77	244	182167	16.10	ng	-0.02
Target Compounds						
22) Acetophenone	7.08	105	28725	3.400	ng	# 39
51) 2,6-Dinitrotoluene	9.72	165	24113	8.392	ng	# 27

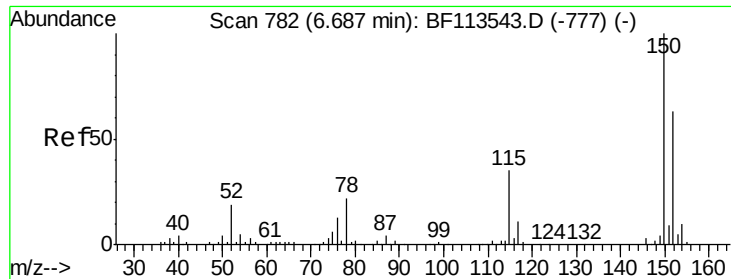
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 05 03:51:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



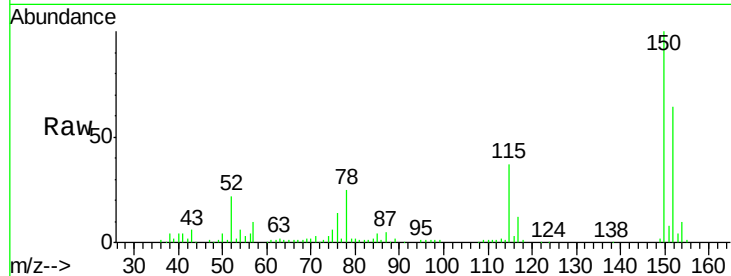


#1

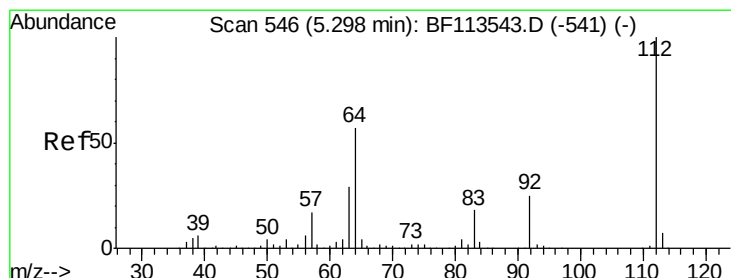
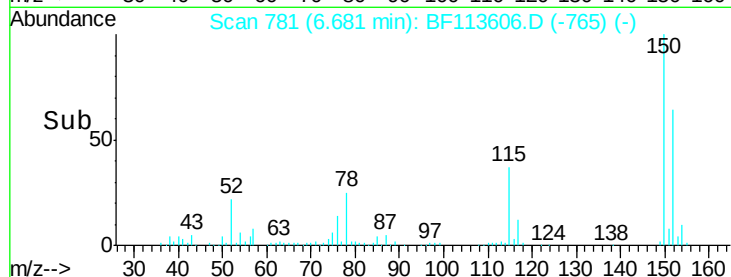
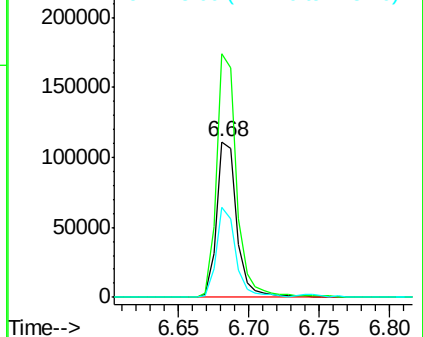
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111431
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 58.3 46.0 69.0



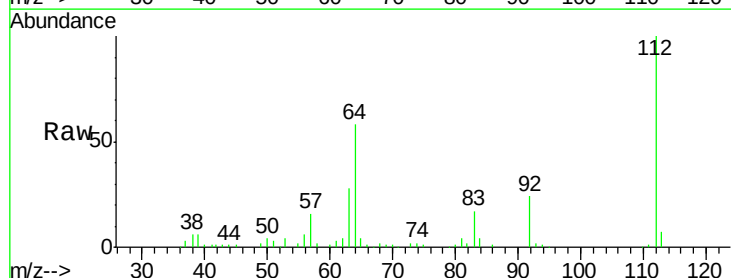
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



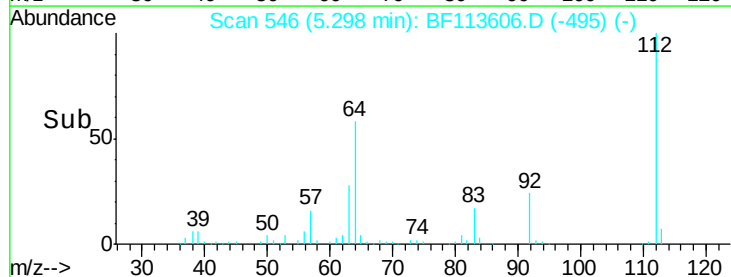
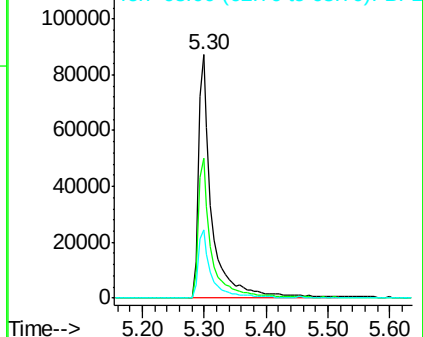
#5

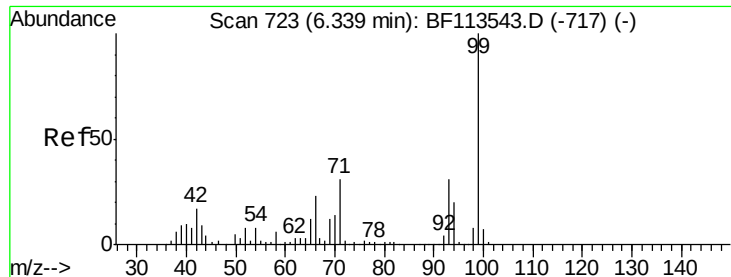
2-Fluorophenol
Concen: 20.394 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion:112 Resp: 133269
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 28.3 24.9 37.3



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: 22.663 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Instrument :

BNA_F

ClientSampleId :

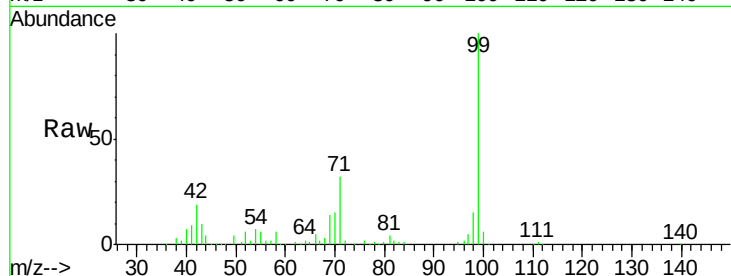
Tot Ion: 99 Resp: 182529

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

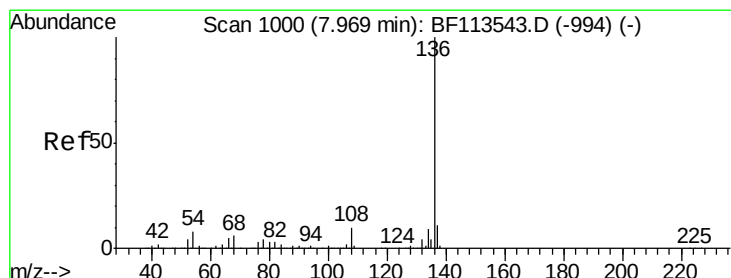
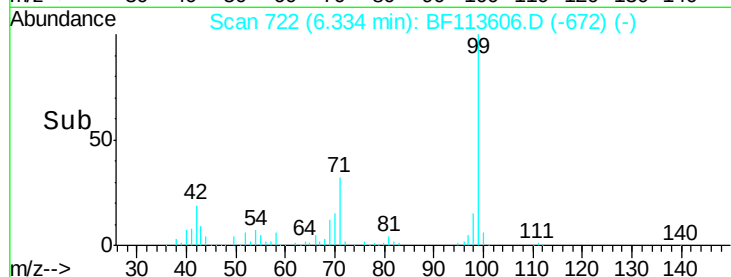
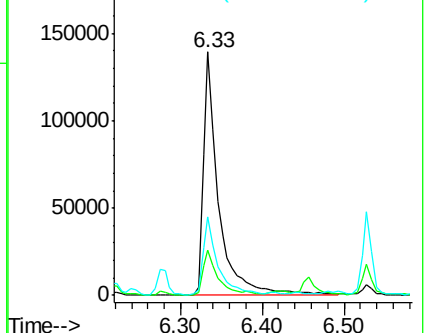
71 32.4 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Tgt Ion: 136 Resp: 384642

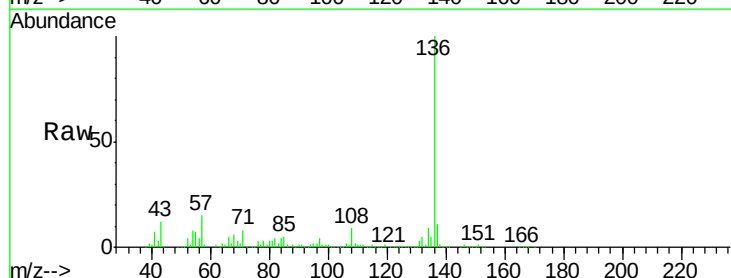
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 6.0 4.8 7.2

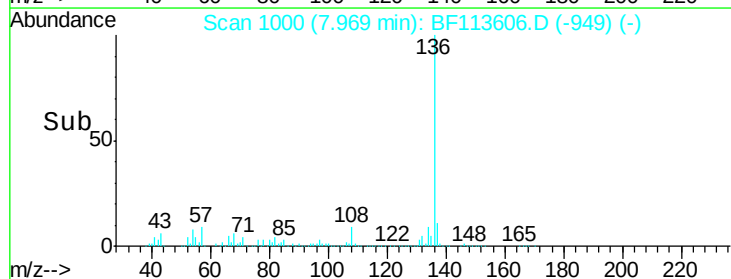
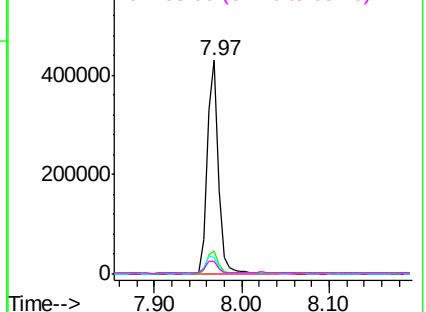


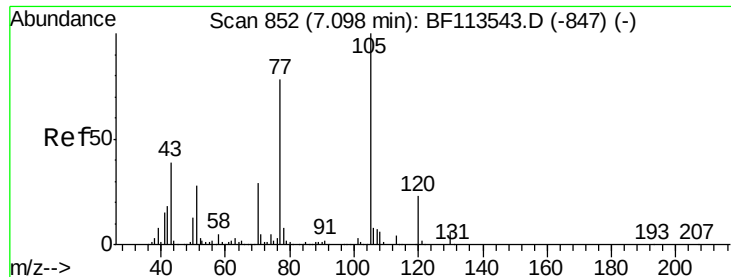
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 3.400 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 28725

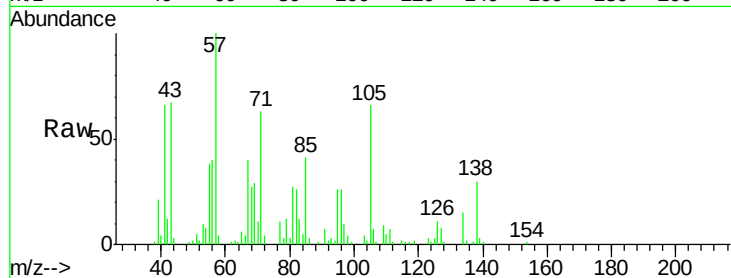
Ion Ratio Lower Upper

105 100

71 96.0 3.3 4.9#

51 7.4 24.2 36.2#

120 0.0 18.1 27.1#



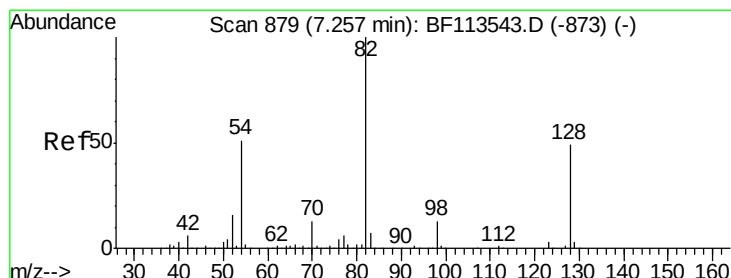
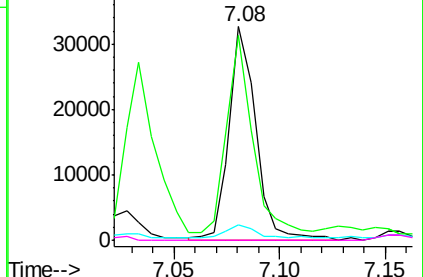
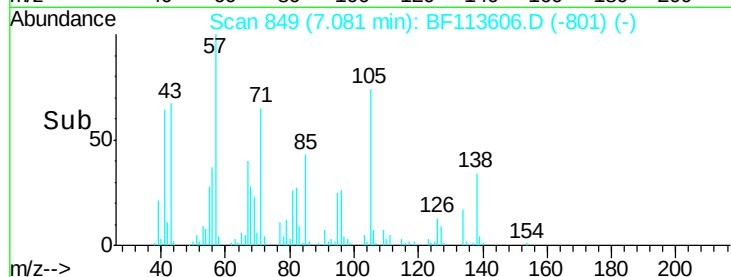
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 12.484 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113606.D

Acq: 5 Apr 2019 2:20

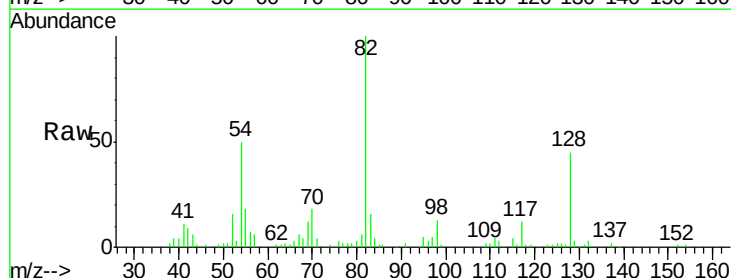
Tgt Ion: 82 Resp: 81977

Ion Ratio Lower Upper

82 100

128 44.9 36.5 54.7

54 49.9 42.2 63.2

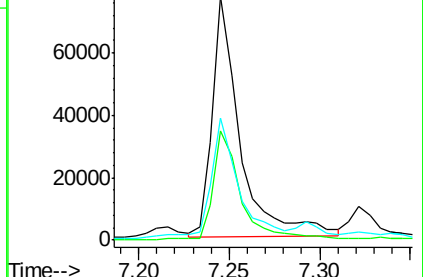
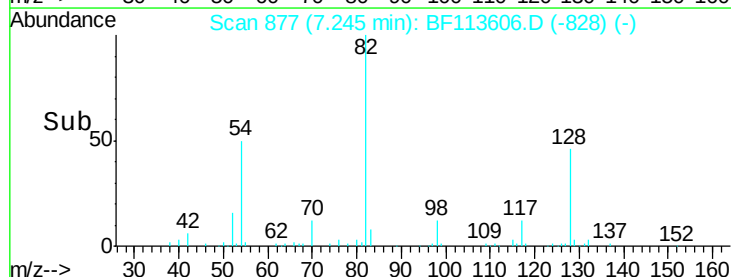


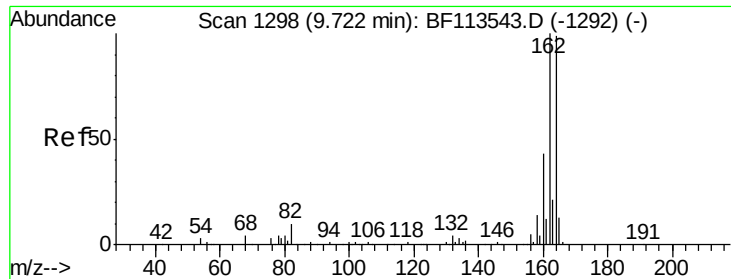
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

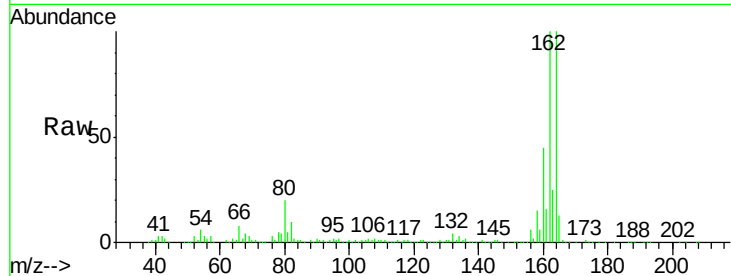




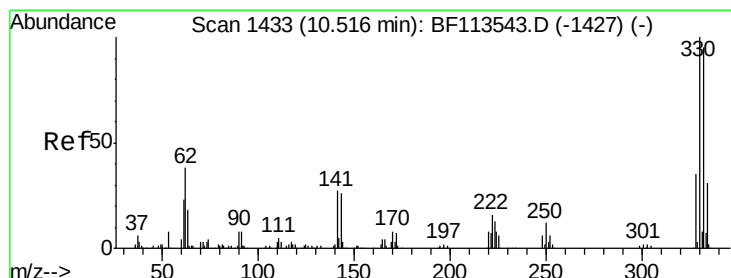
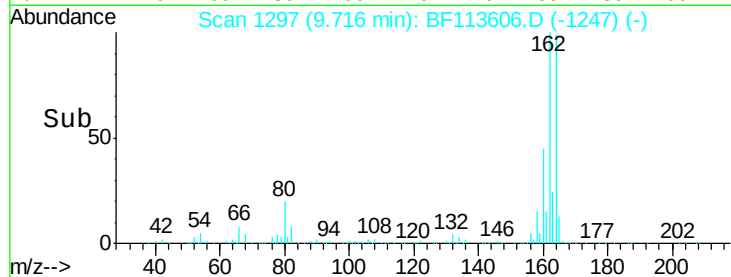
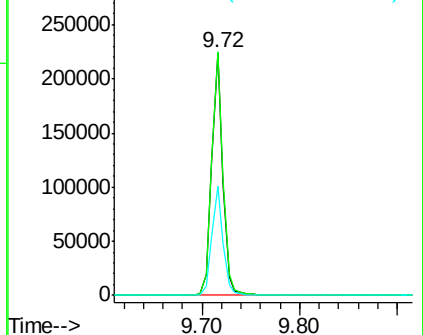
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 176828
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.8 122.6
 160 45.1 36.4 54.6

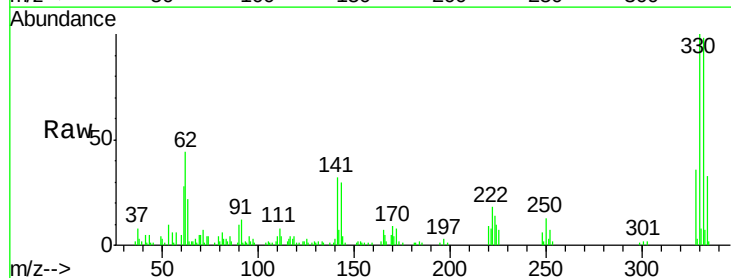


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

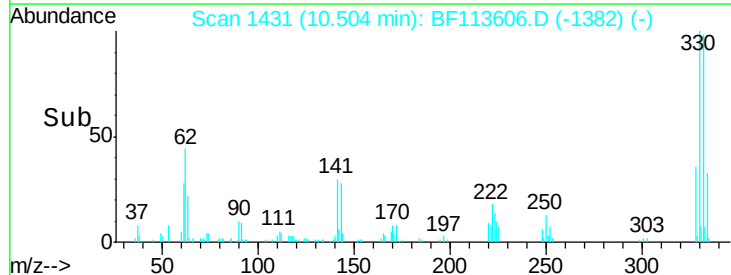
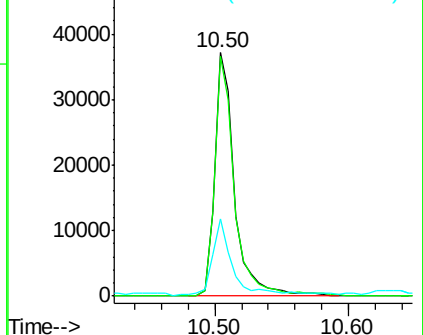


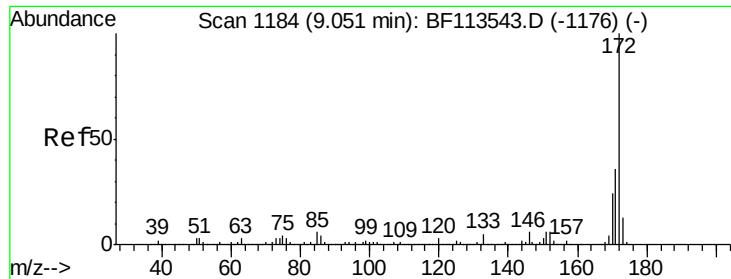
#42
 2,4,6-Tribromophenol
 Concen: 18.346 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Tgt Ion:330 Resp: 38970
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 33.9 22.7 34.1



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

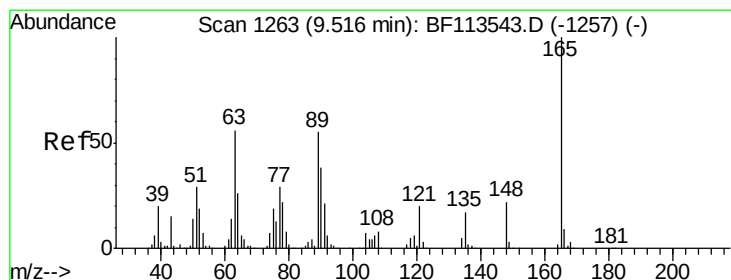
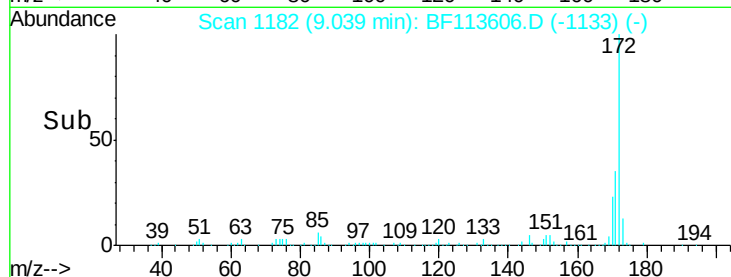
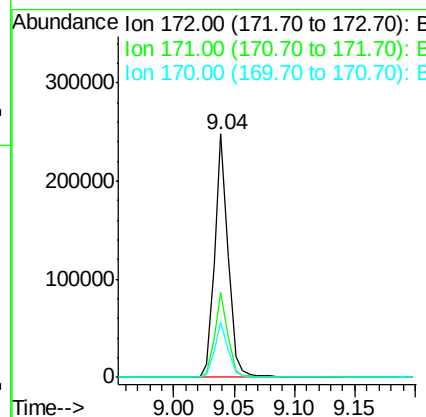
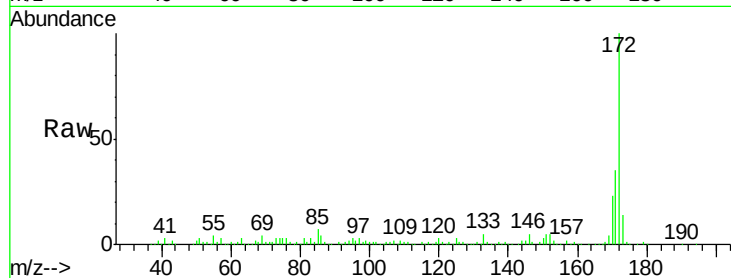




#45
2-Fluorobiphenyl
Concen: 17.326 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

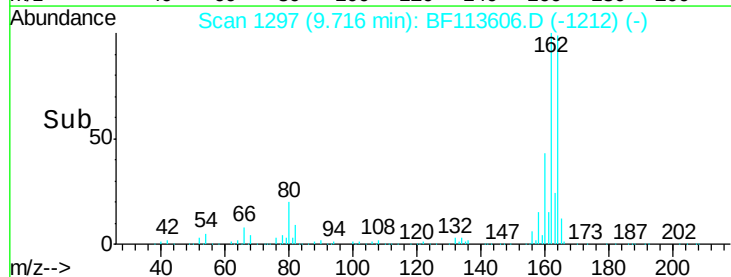
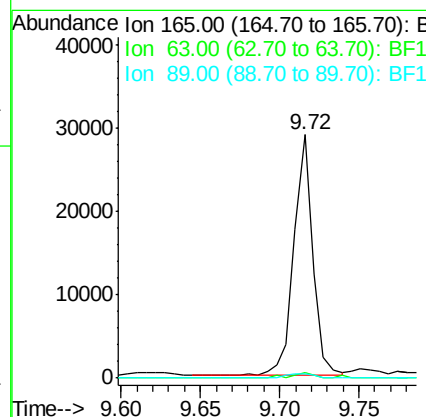
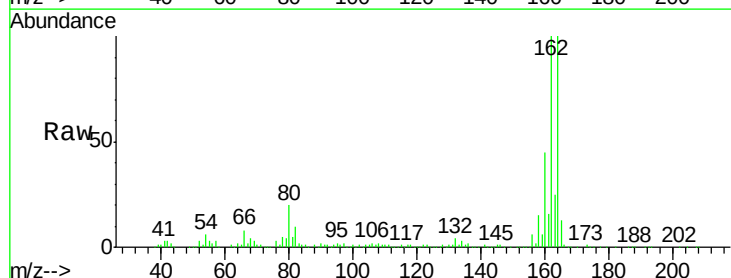
Instrument :
BNA_F
ClientSampleId :

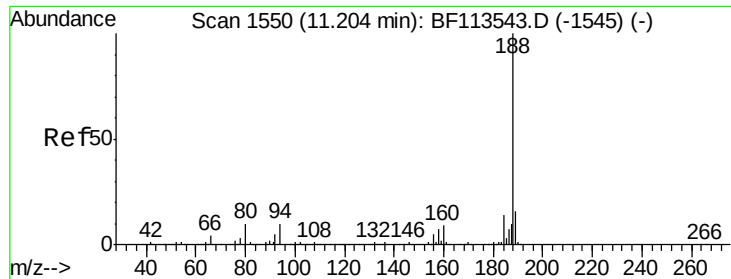
Tot Ion:172 Resp: 190311
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 22.9 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.392 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.20 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion:165 Resp: 24113
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.0#
89 1.5 43.1 64.7#

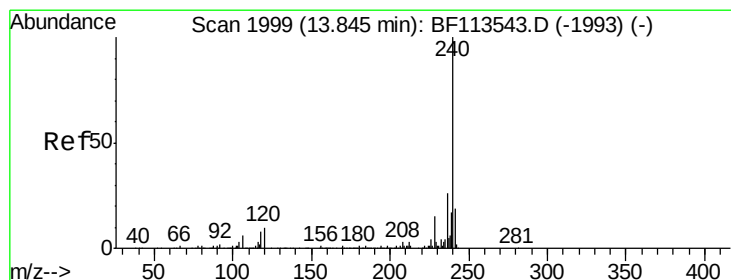
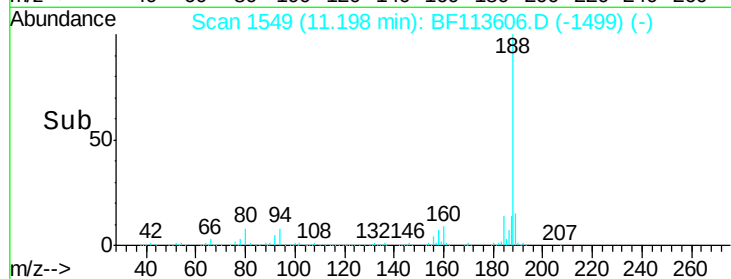
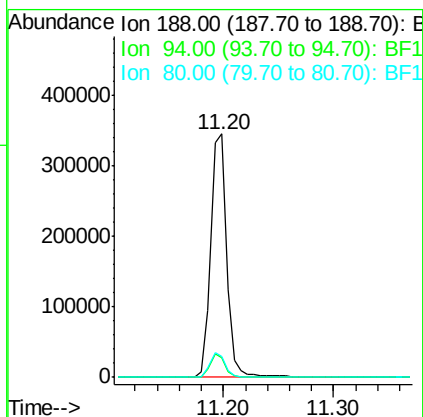
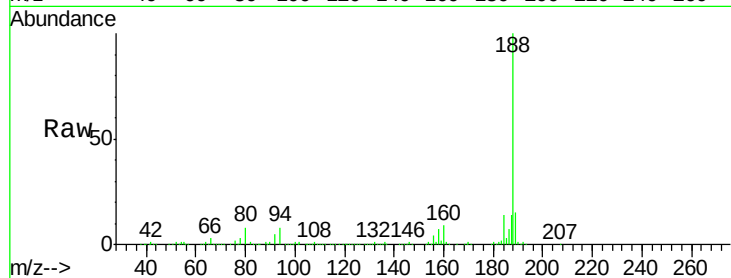




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

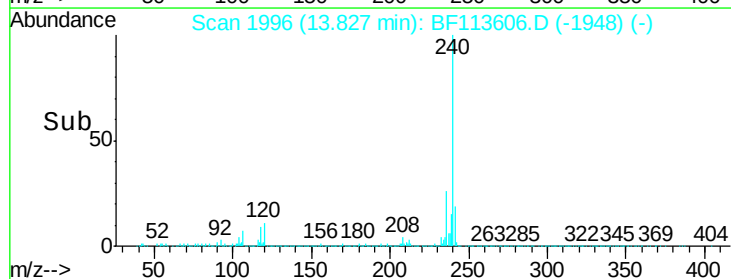
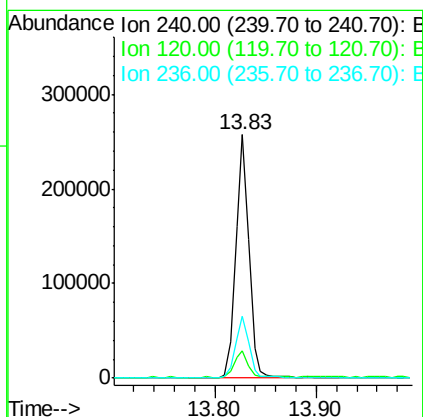
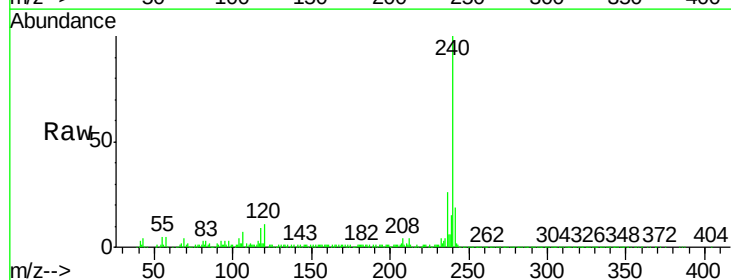
Instrument :
BNA_F
ClientSampleId :

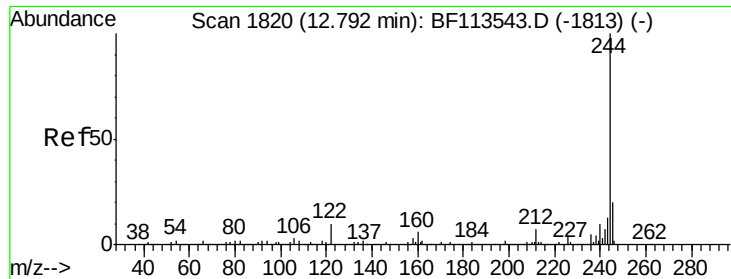
Tot Ion:188 Resp: 339058
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113606.D
Acq: 5 Apr 2019 2:20

Tgt Ion:240 Resp: 230417
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.7 20.9 31.3

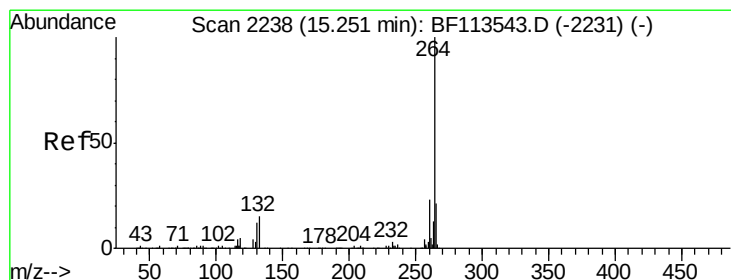
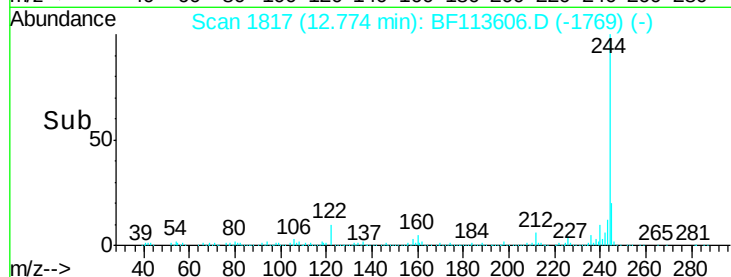
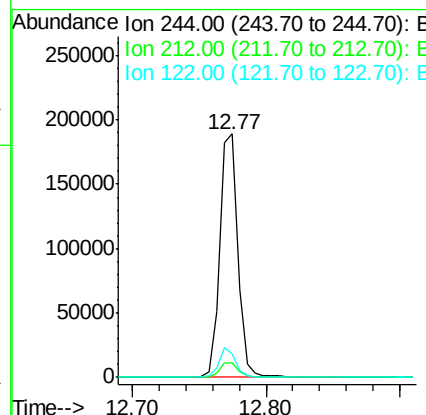
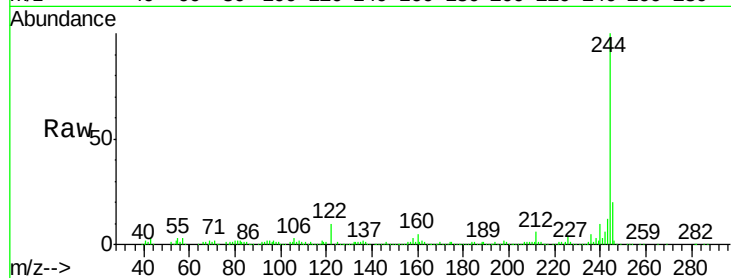




#79
 Terphenyl-d14
 Concen: 16.097 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	9.6	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113606.D
 Acq: 5 Apr 2019 2:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.4	17.1	25.7

