

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113034.D
 Acq On : 13 Mar 2019 17:58
 Operator : JU/SJ
 Sample : K1864-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLOCK

Quant Time: Mar 14 02:10:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

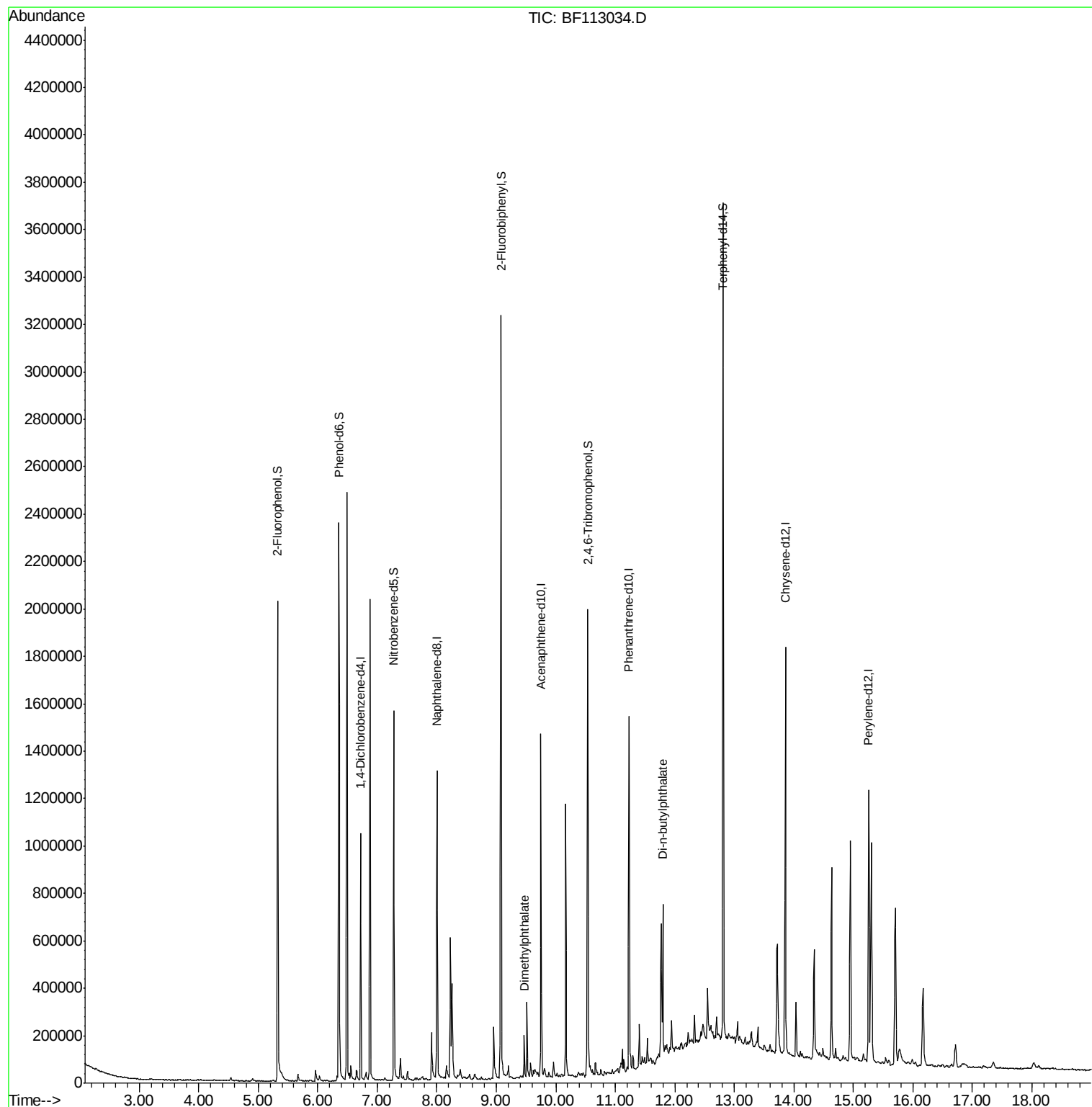
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144322	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	567064	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	284534	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	627026	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	619109	20.00	ng	-0.01
87) Perylene-d12	15.26	264	577672	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	628753	67.77	ng	-0.02
7) Phenol-d6	6.36	99	814600	69.90	ng	-0.02
23) Nitrobenzene-d5	7.28	82	472605	49.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	277438	91.85	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	975737	51.12	ng	-0.01
79) Terphenyl-d14	12.81	244	1291175	40.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	69713	3.323	ng	Qvalue 100
74) Di-n-butylphthalate	11.80	149	275779	7.220	ng	99

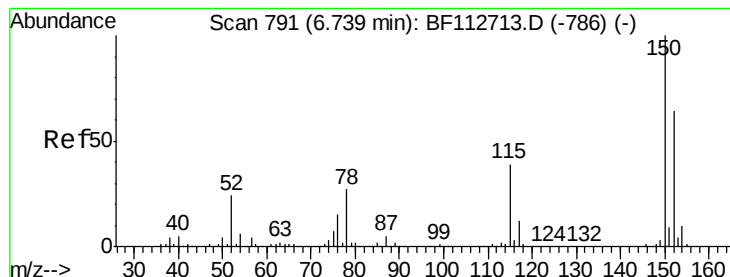
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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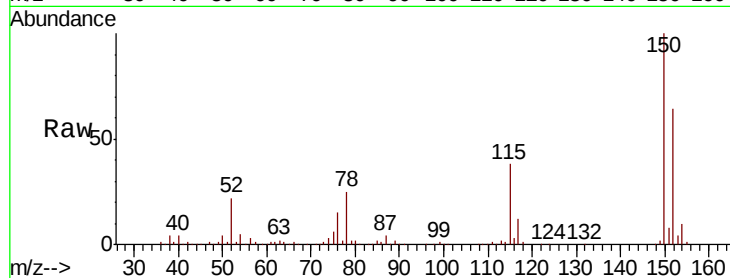


#1

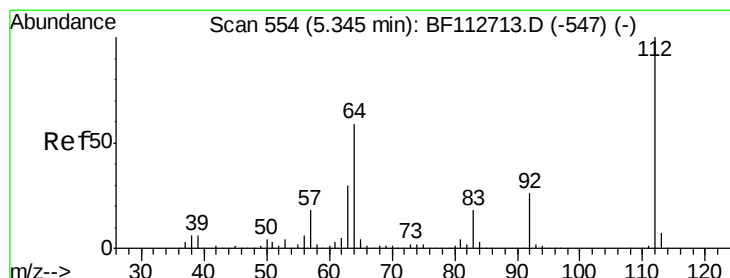
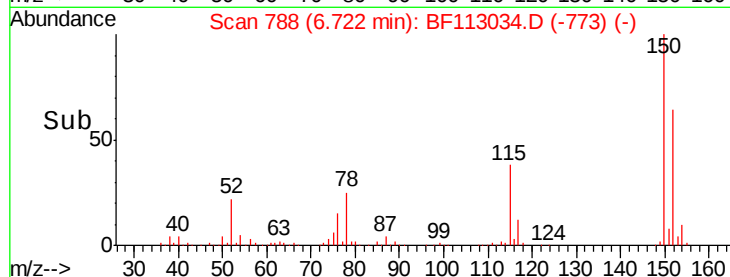
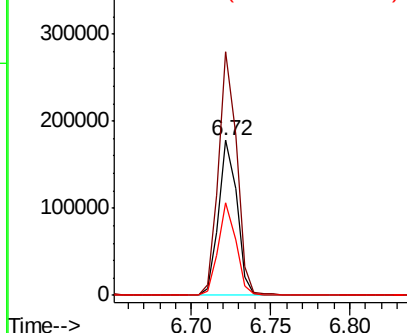
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

Instrument :
BNA_F
ClientSampleId :
BLOCK

Tot Ion:152 Resp: 144322
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 59.9 48.2 72.4



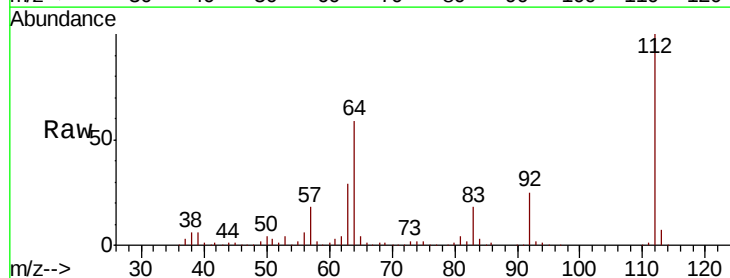
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



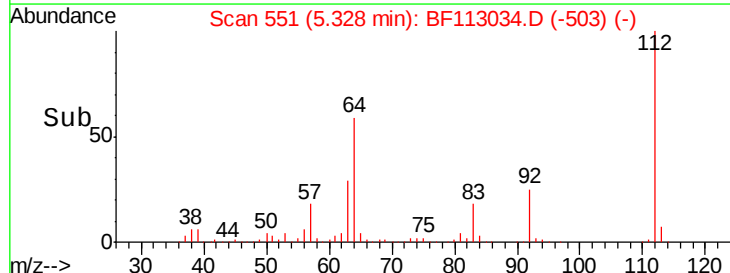
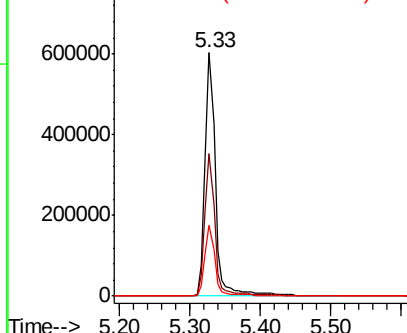
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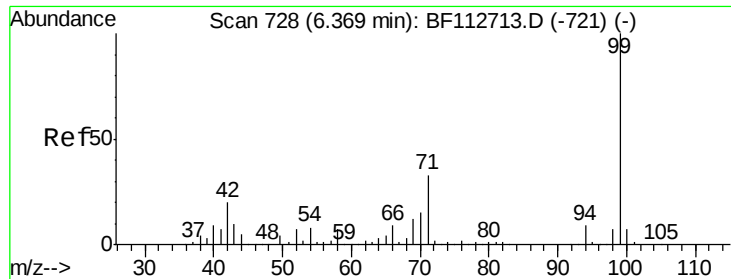
2-Fluorophenol
Concen: 67.769 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

Tgt Ion:112 Resp: 628753
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 29.0 24.4 36.6



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: 69.895 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113034.D

Acq: 13 Mar 2019 17:58

Instrument :

BNA_F

ClientSampled :

BLOCK

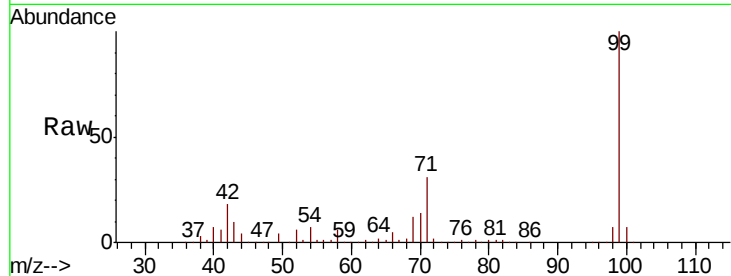
Tot Ion: 99 Resp: 814600

Ion Ratio Lower Upper

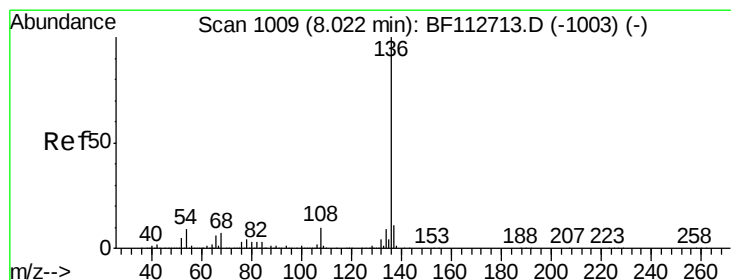
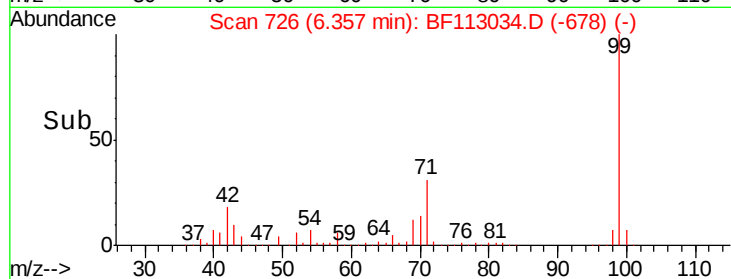
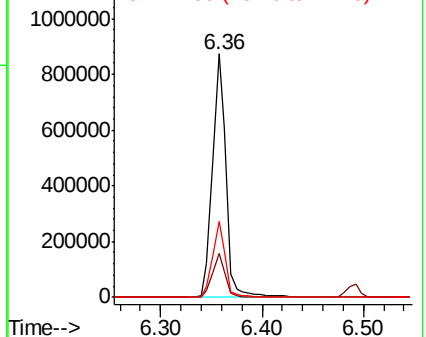
99 100

42 17.9 16.3 24.5

71 31.0 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113034.D

Acq: 13 Mar 2019 17:58

Tgt Ion: 136 Resp: 567064

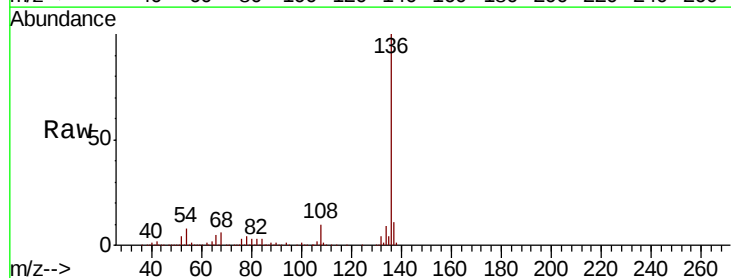
Ion Ratio Lower Upper

136 100

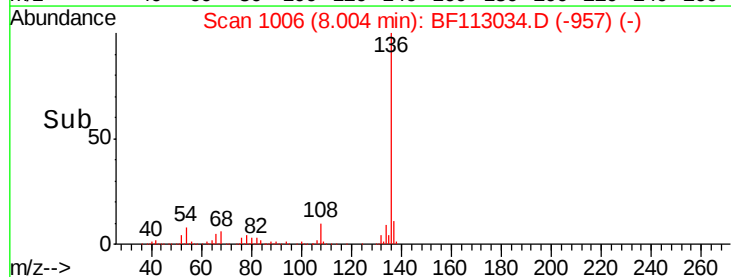
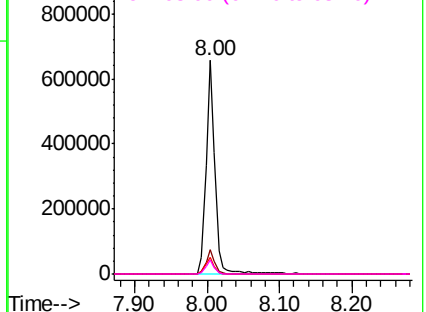
137 11.1 8.9 13.3

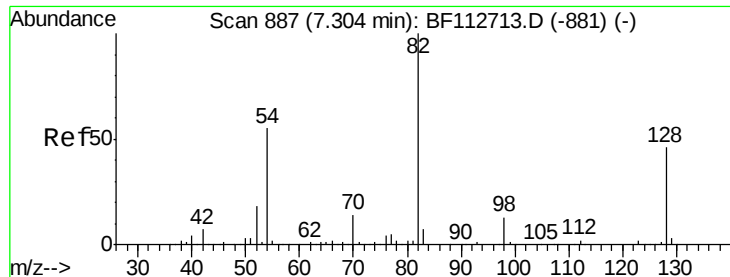
54 8.1 7.3 10.9

68 6.4 5.4 8.2



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

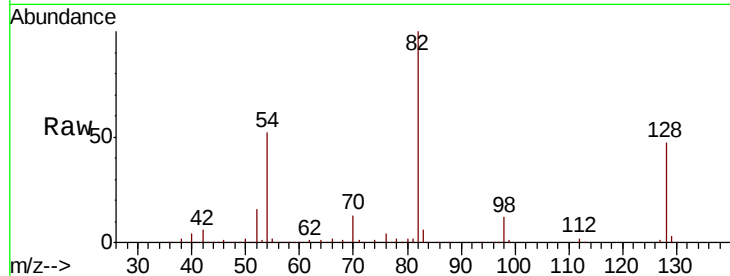




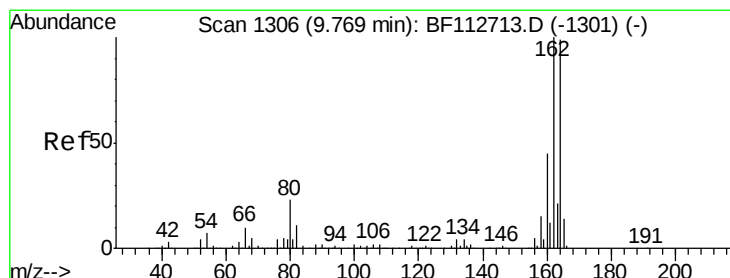
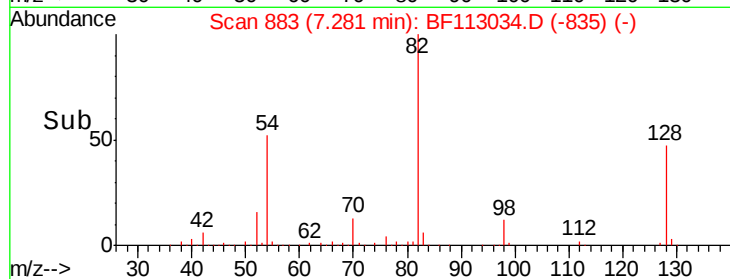
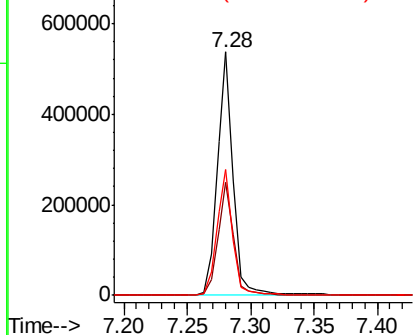
#23
 Nitrobenzene-d5
 Concen: 49.870 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113034.D
 Acq: 13 Mar 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 BLOCK

Tot Ion: 82 Resp: 472605
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 51.8 43.7 65.5

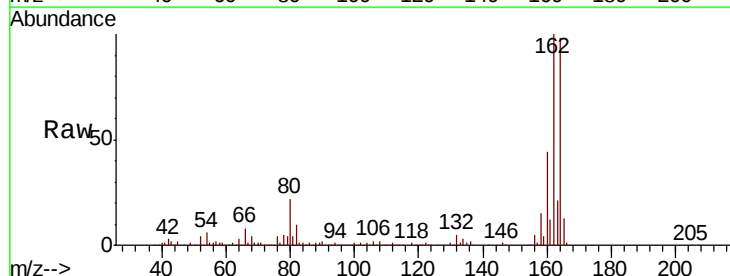


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

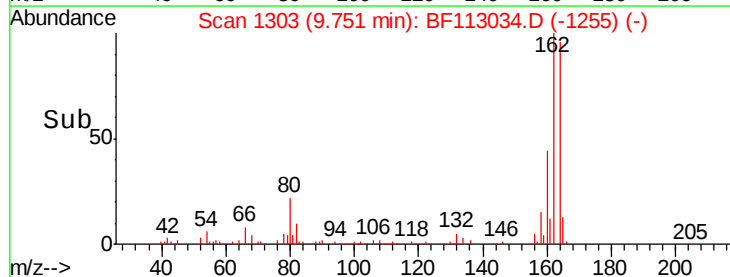
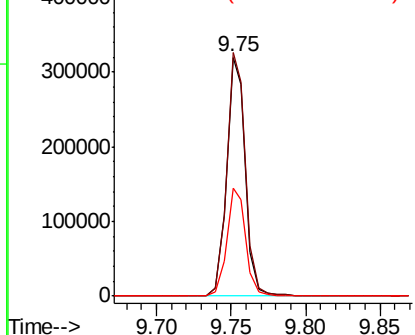


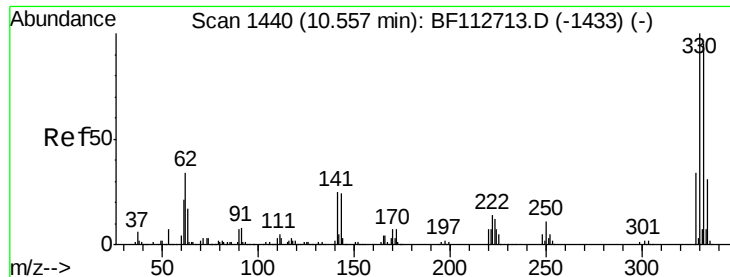
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113034.D
 Acq: 13 Mar 2019 17:58

Tgt Ion: 164 Resp: 284534
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 45.3 36.0 54.0



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: 91.846 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113034.D

Acq: 13 Mar 2019 17:58

Instrument :

BNA_F

ClientSampleId :

BLOCK

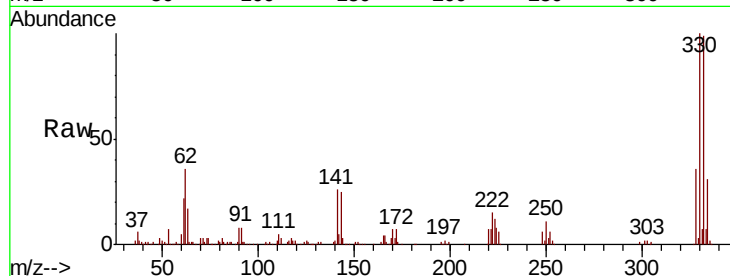
Tot Ion:330 Resp: 277438

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

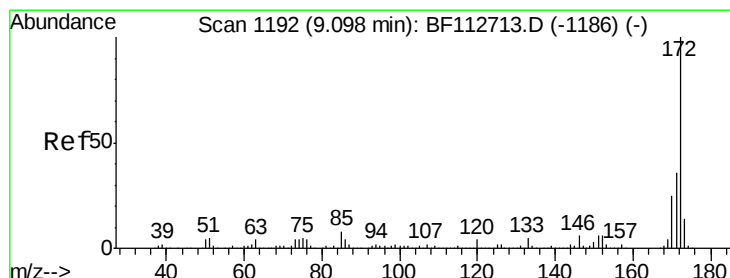
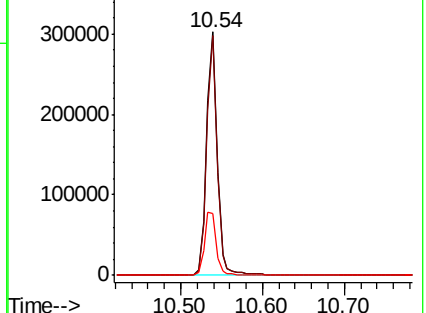
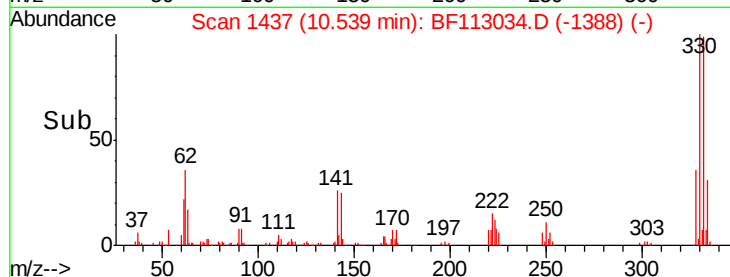
141 28.8 27.0 40.6



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: 51.115 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113034.D

Acq: 13 Mar 2019 17:58

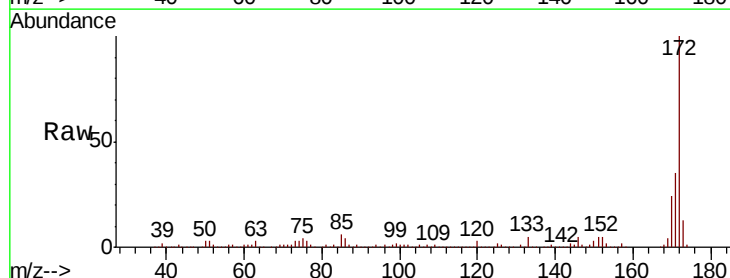
Tgt Ion:172 Resp: 975737

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

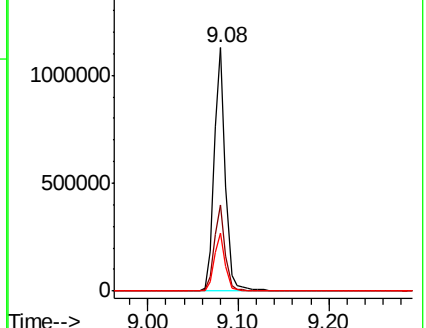
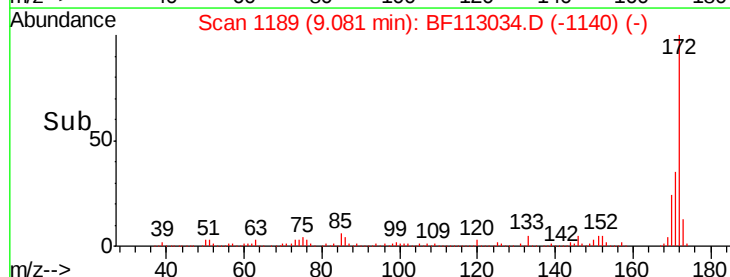
170 23.8 20.0 30.0

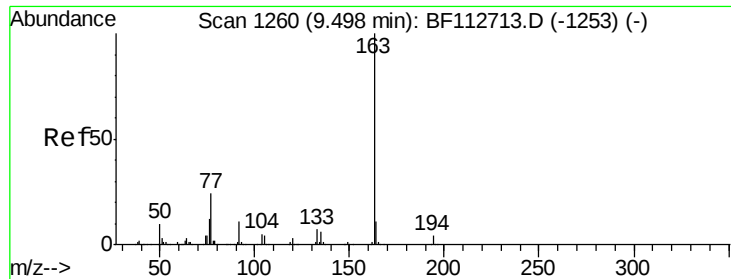


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

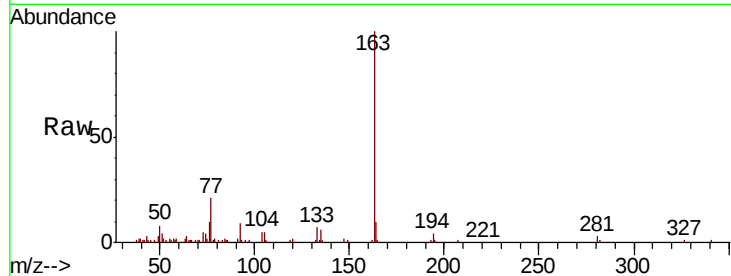




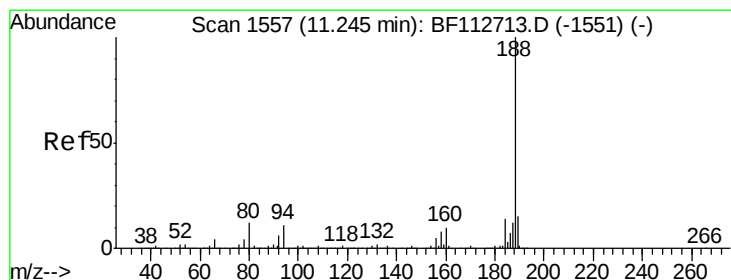
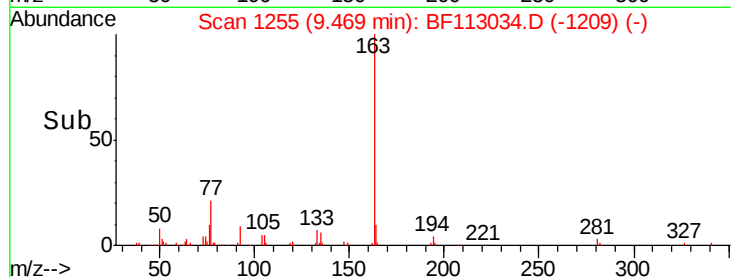
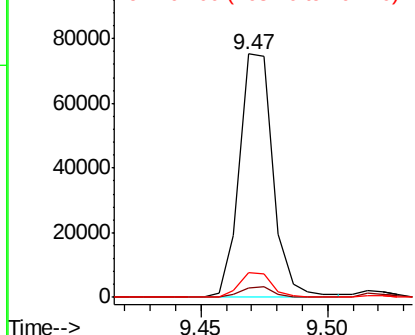
#50
Dimethylphthalate
Concen: 3.323 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

Instrument :
BNA_F
ClientSampleId :
BLOCK

Tot Ion:163 Resp: 69713
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 8.4 12.6

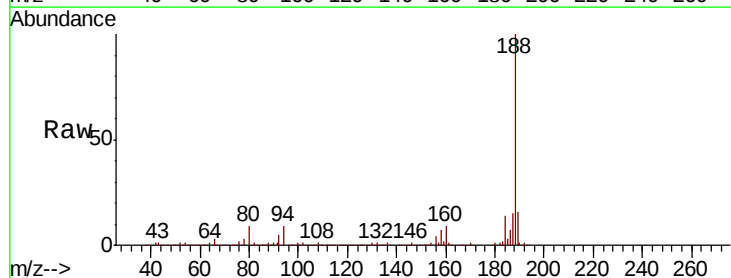


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

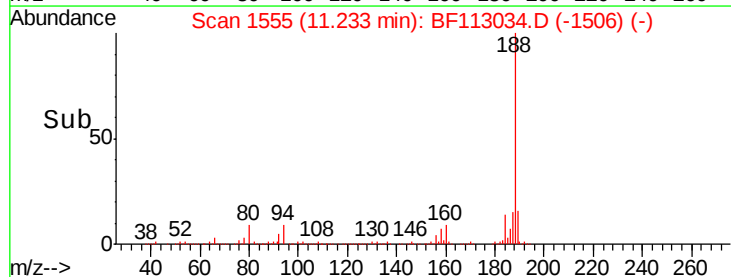
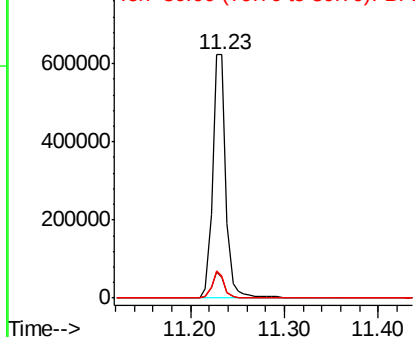


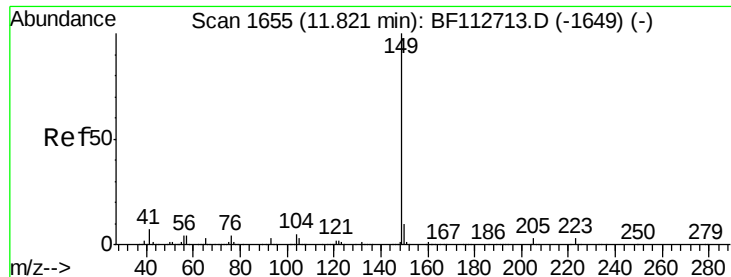
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

Tgt Ion:188 Resp: 627026
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.0 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

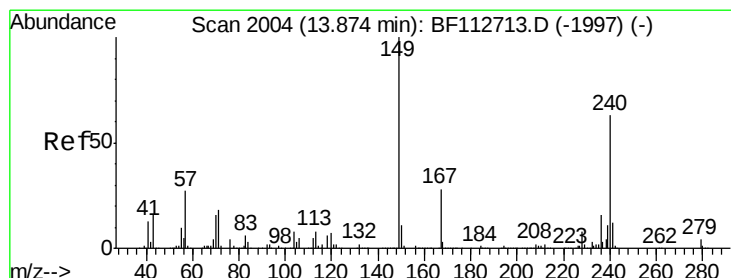
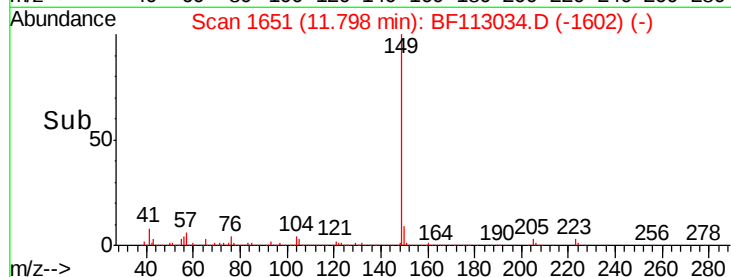
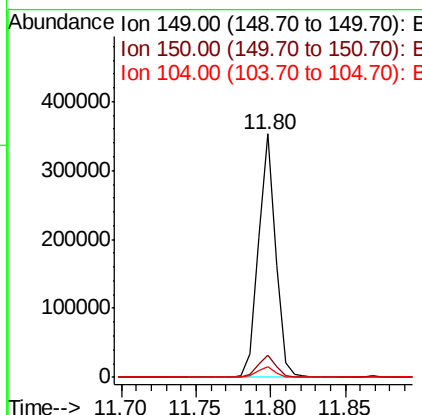
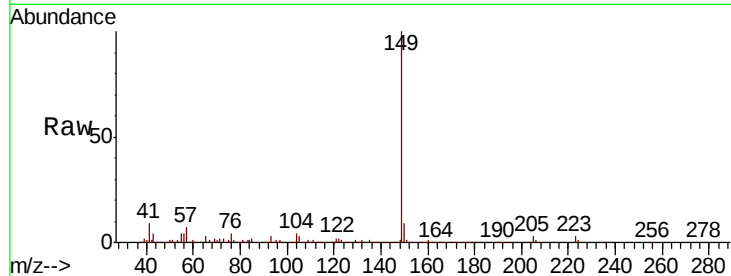




#74
Di-n-butylphthalate
Concen: 7.220 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

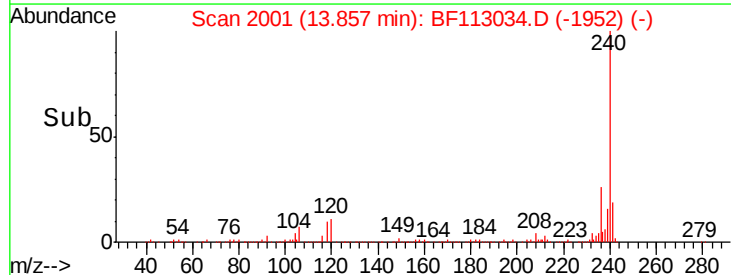
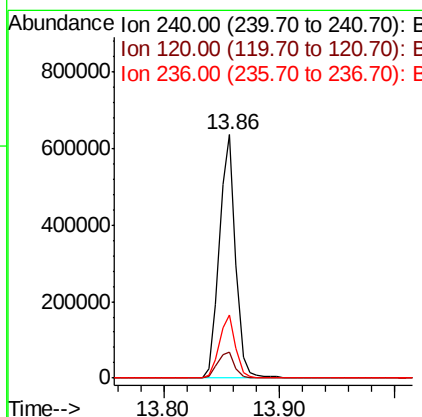
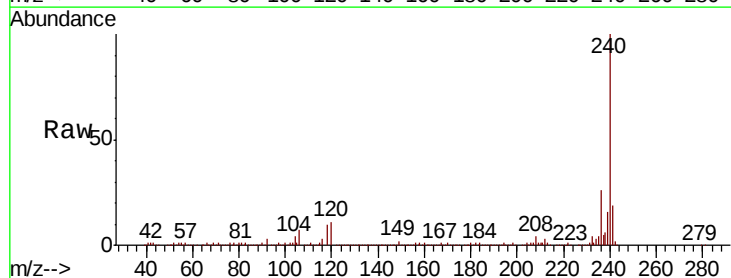
Instrument :
BNA_F
ClientSampleId :
BLOCK

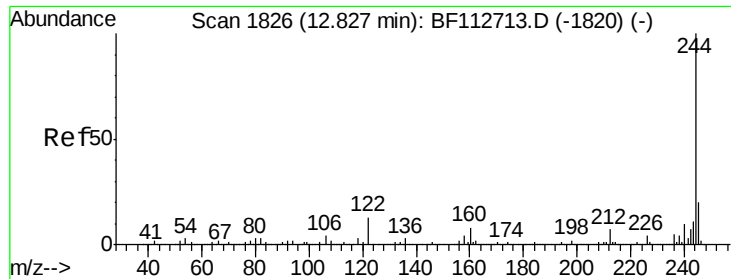
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.2	3.7	5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113034.D
Acq: 13 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.2	20.7	31.1

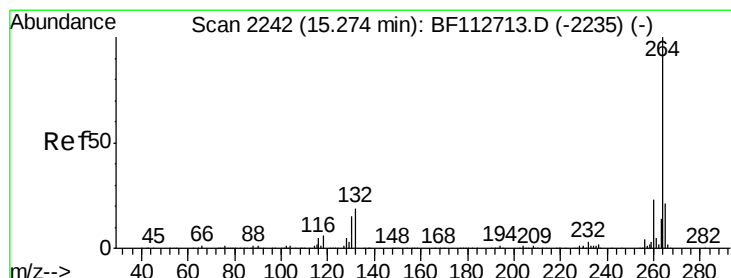
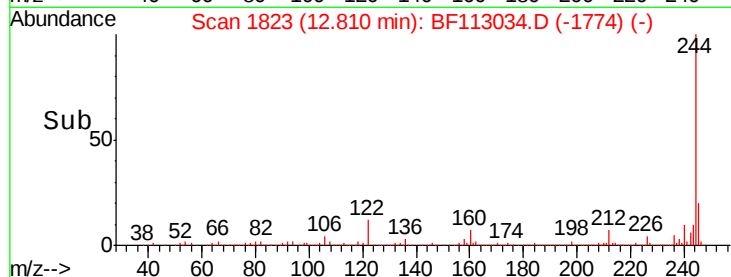
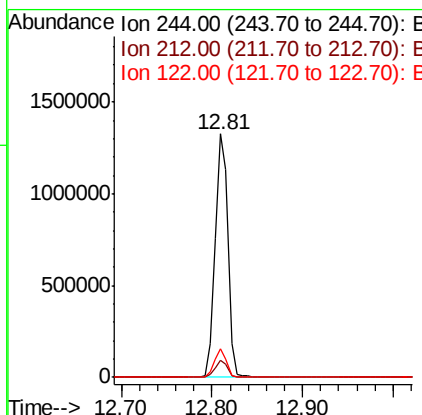
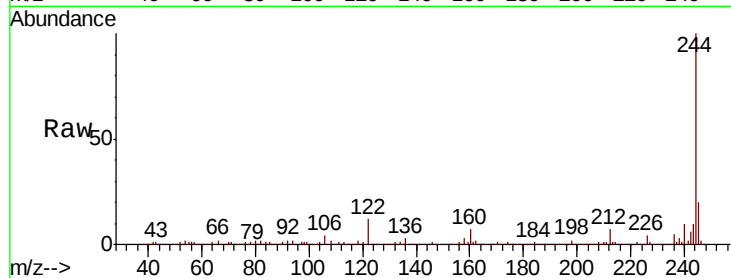




#79
 Terphenyl-d14
 Concen: 40.428 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113034.D
 Acq: 13 Mar 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 BLOCK

Tot Ion:244 Resp: 1291175
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.8 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF113034.D
 Acq: 13 Mar 2019 17:58

Tgt Ion:264 Resp: 577672
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.0 17.2 25.8

