

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111154.D
 Acq On : 6 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6204-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-DUP01-112918

Quant Time: Dec 07 02:15:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

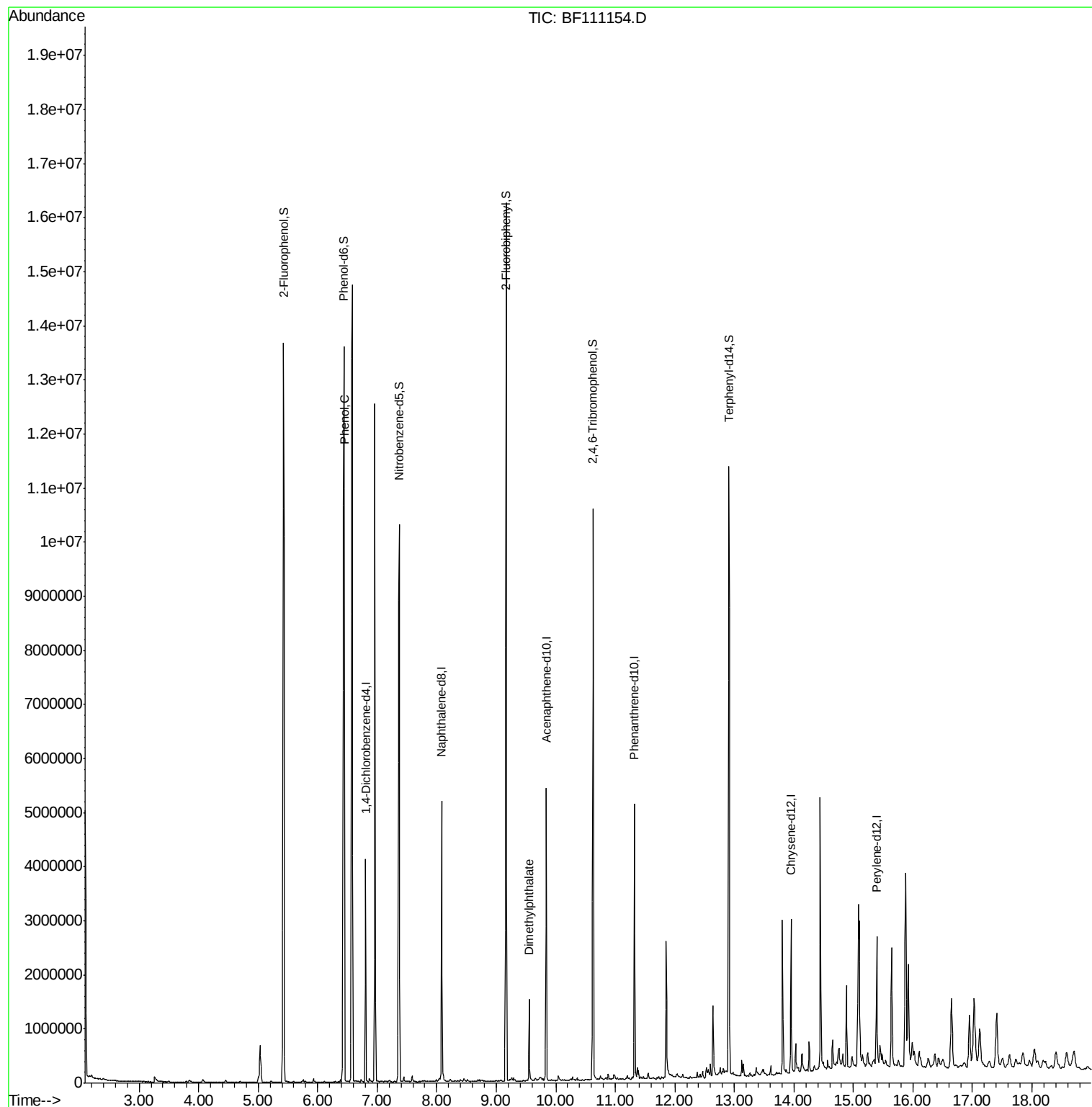
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	532803	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2045143	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	988686	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1615355	20.00	ng	0.00
76) Chrysene-d12	13.96	240	925226	20.00	ng	0.00
87) Perylene-d12	15.39	264	987842	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4202600	123.08	ng	0.01
7) Phenol-d6	6.44	99	5309864	120.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	3470202	100.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1099309	139.88	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4968709	94.66	ng	0.00
79) Terphenyl-d14	12.91	244	3658110	80.97	ng	0.00
Target Compounds						
10) Phenol	6.45	94	388391	8.099	ng	94
50) Dimethylphthalate	9.55	163	566986	8.240	ng	98

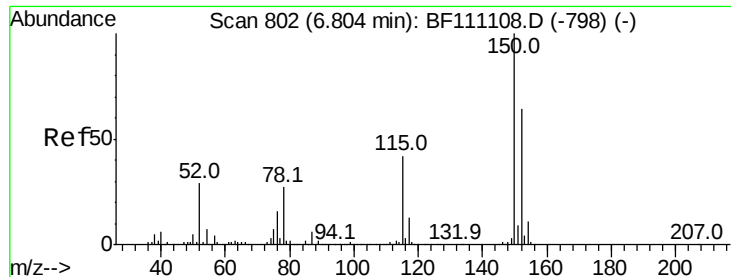
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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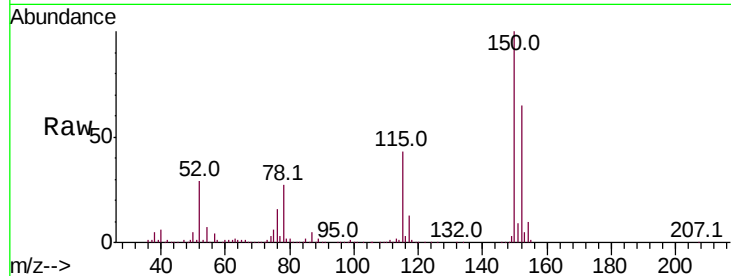


#1

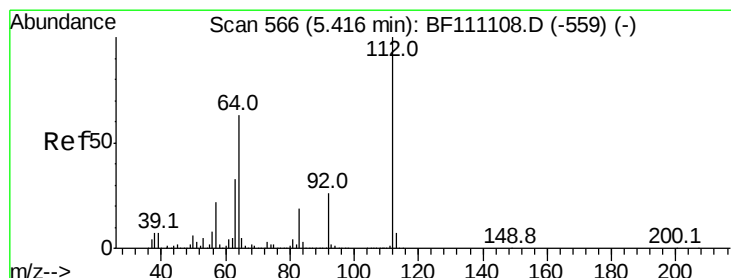
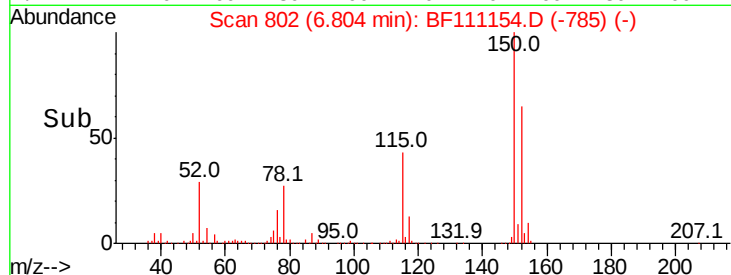
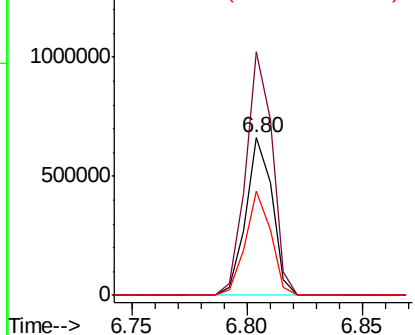
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
HLSP-DUP01-112918

Tot Ion:152 Resp: 532803
Ion Ratio Lower Upper
152 100
150 154.3 124.6 187.0
115 65.7 52.2 78.2



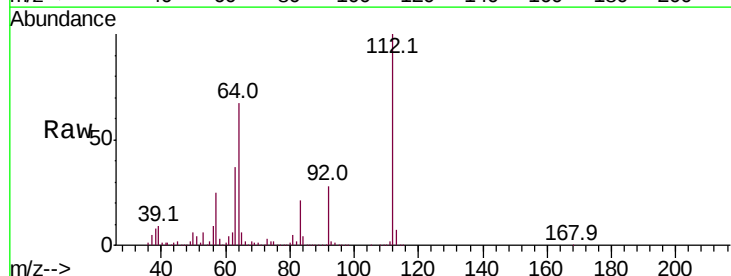
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



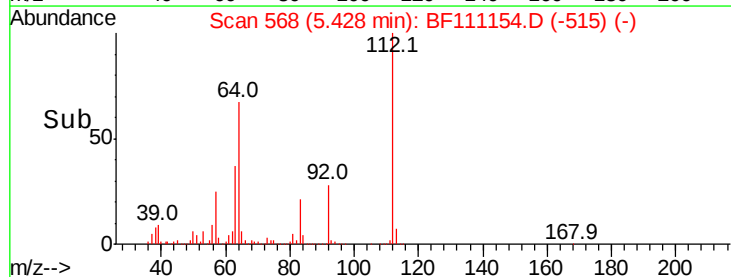
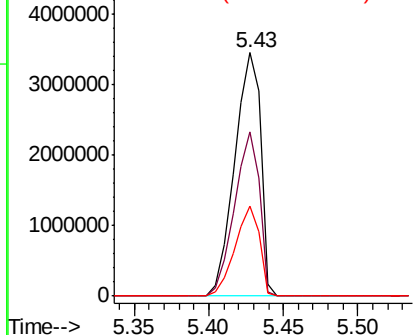
#5

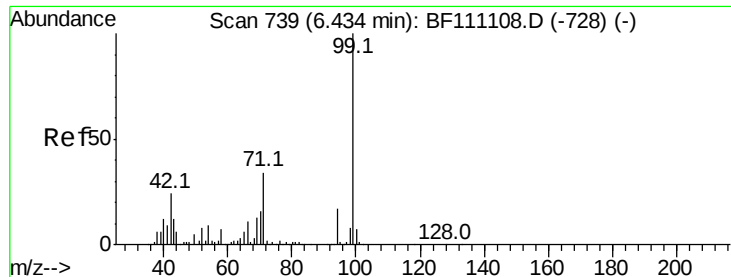
2-Fluorophenol
Concen: 123.084 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:112 Resp: 4202600
Ion Ratio Lower Upper
112 100
64 67.4 50.2 75.4
63 36.8 26.6 39.8



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: 120.724 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

HLSP-DUP01-112918

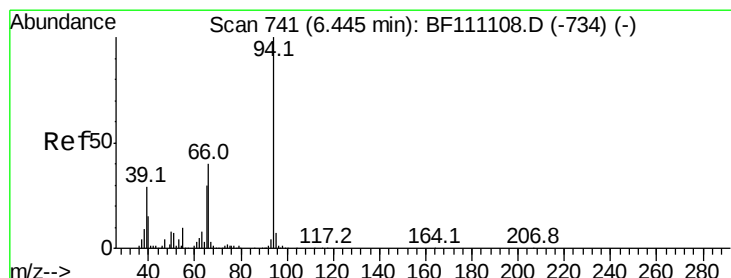
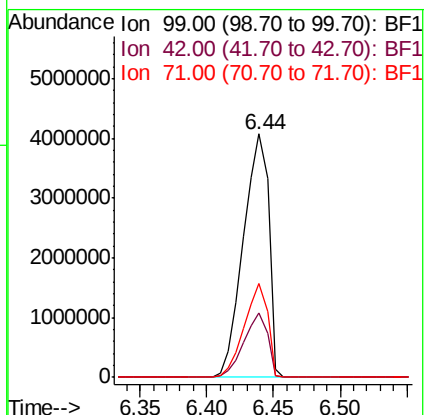
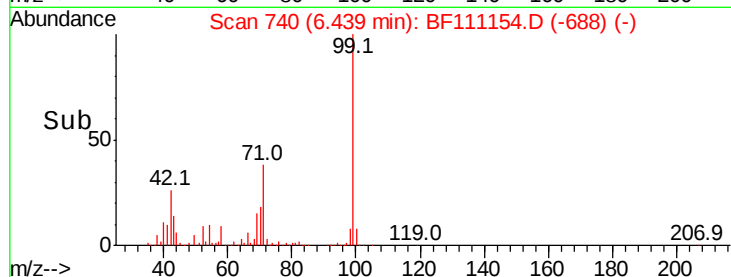
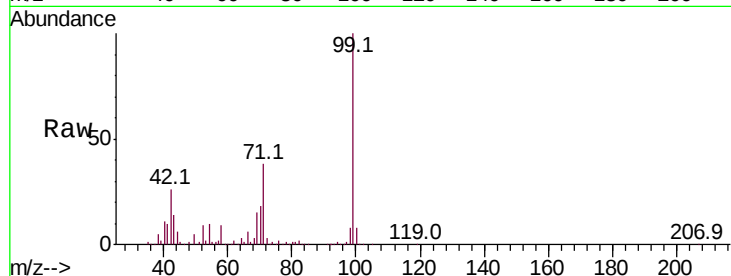
Tot Ion: 99 Resp: 5309864

Ion Ratio Lower Upper

99 100

42 26.4 19.3 28.9

71 38.4 27.4 41.2



#10

Phenol

Concen: 8.099 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

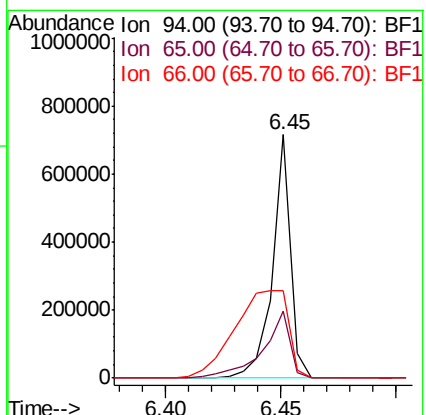
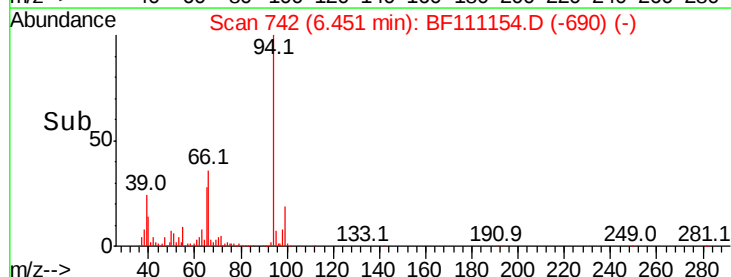
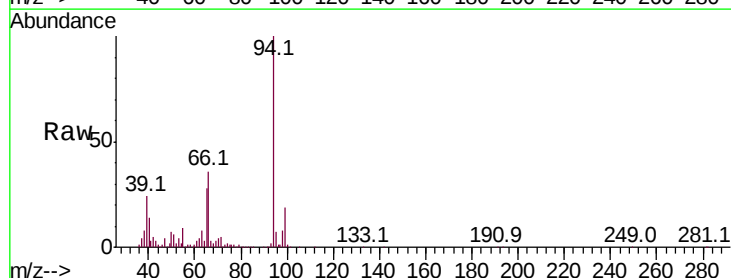
Tgt Ion: 94 Resp: 388391

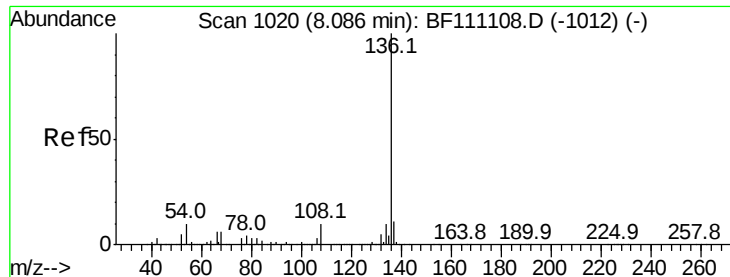
Ion Ratio Lower Upper

94 100

65 27.8 10.5 50.5

66 36.1 19.8 59.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

HLSP-DUP01-112918

Tot Ion:136 Resp: 2045143

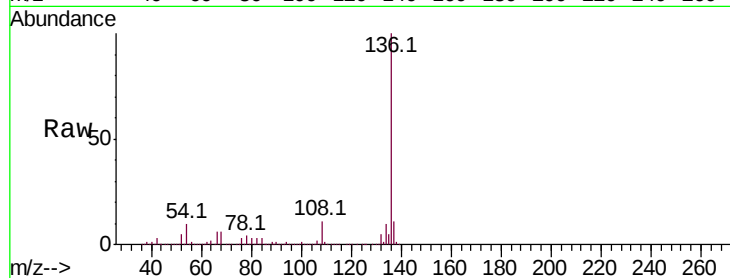
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.8 8.4 12.6

68 5.7 5.0 7.4

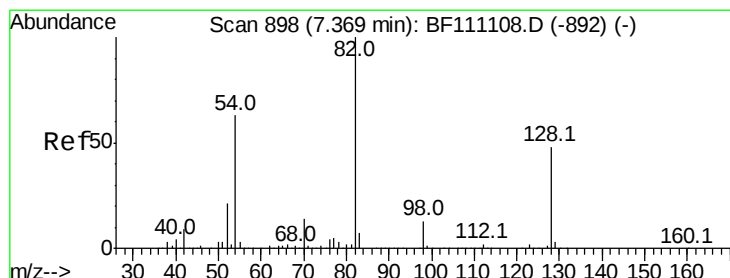
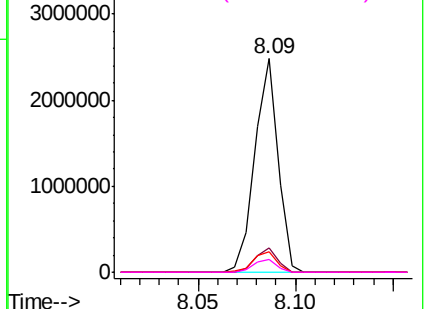
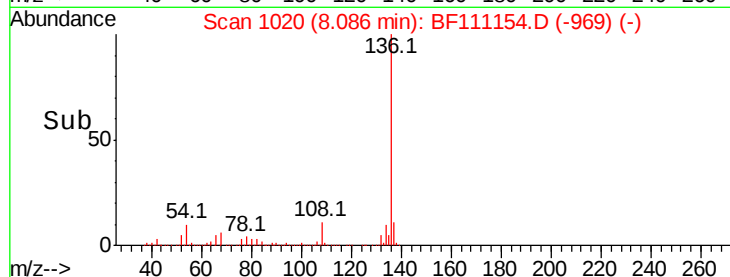


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.456 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

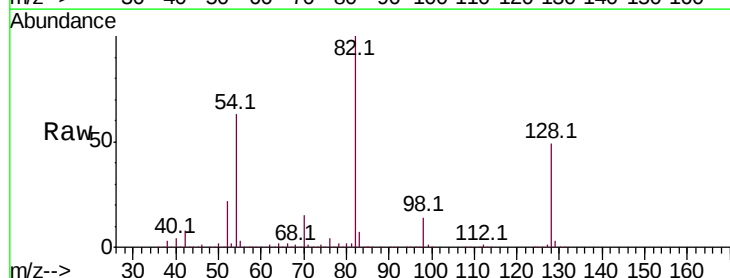
Tgt Ion: 82 Resp: 3470202

Ion Ratio Lower Upper

82 100

128 49.0 38.1 57.1

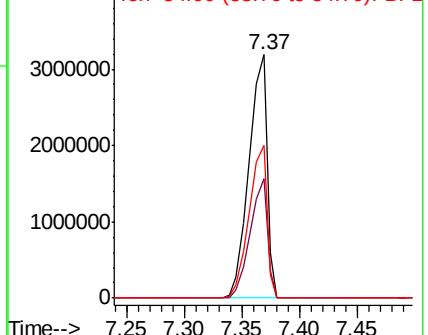
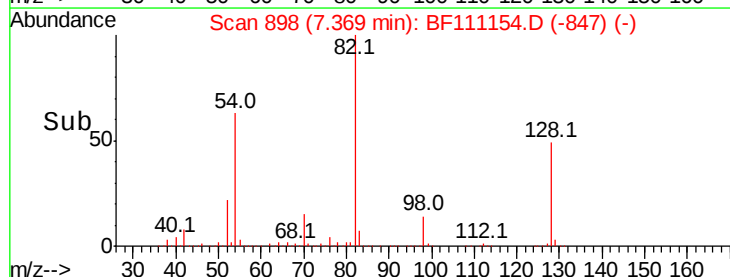
54 62.8 50.3 75.5

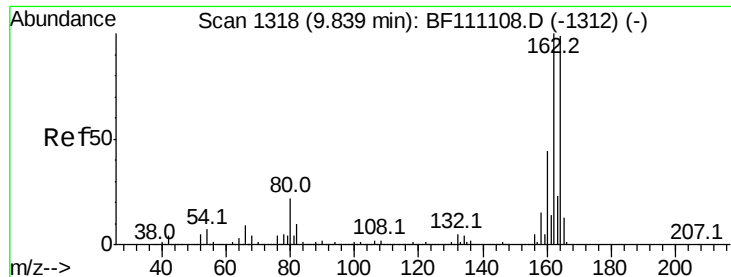


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

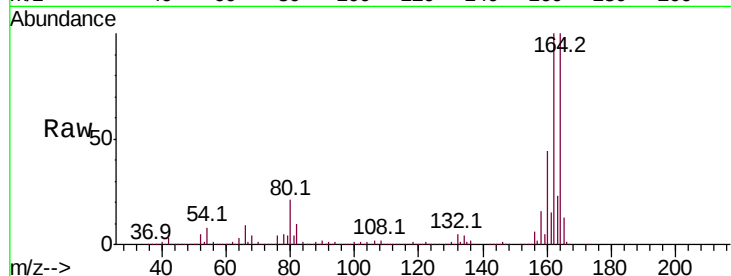




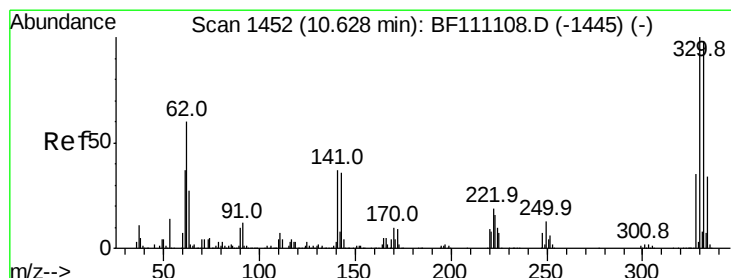
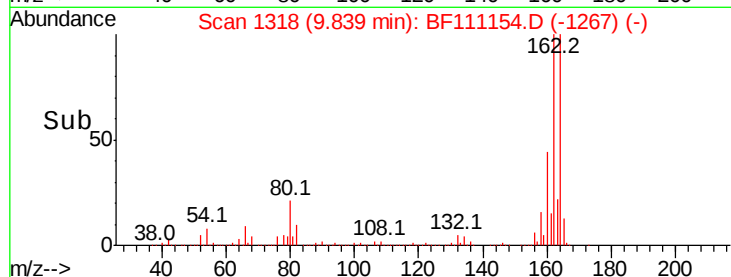
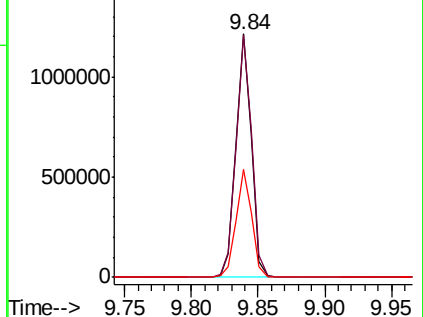
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
HLSP-DUP01-112918

Tot Ion:164 Resp: 988686
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.3 35.5 53.3

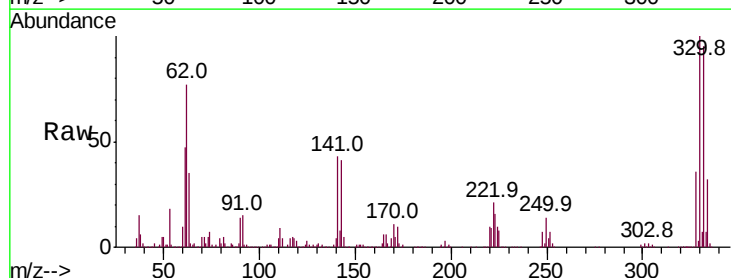


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

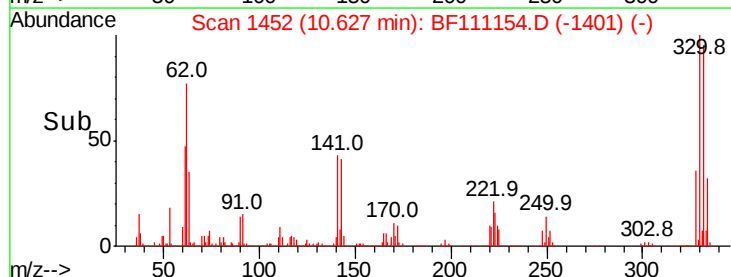
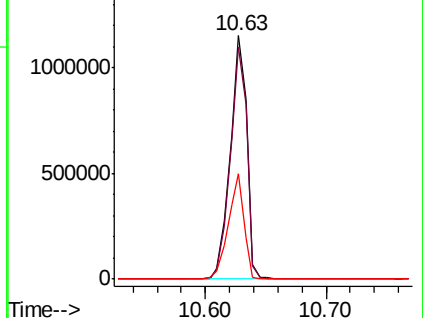


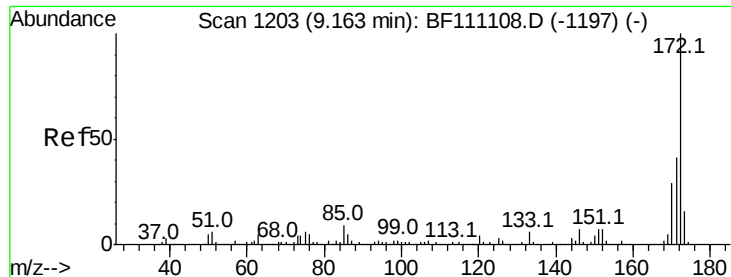
#42
2,4,6-Tribromophenol
Concen: 139.880 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:330 Resp: 1099309
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 40.9 36.1 54.1



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

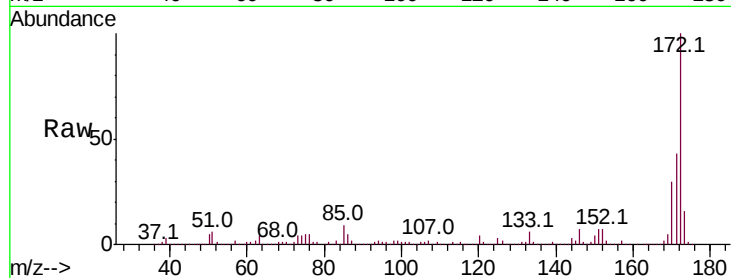




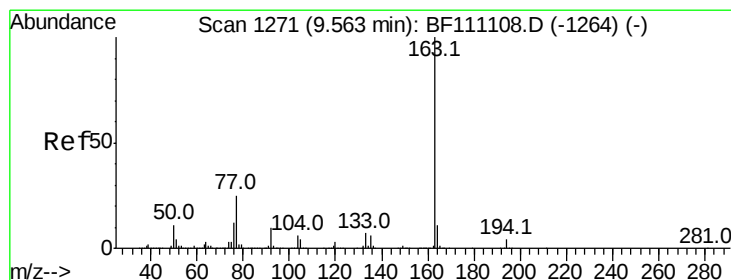
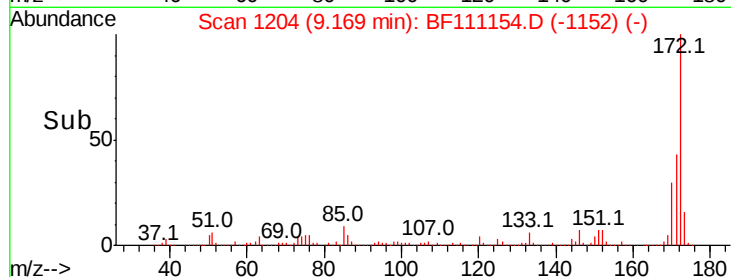
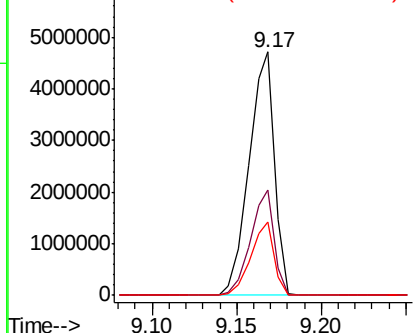
#45
2-Fluorobiphenyl
Concen: 94.660 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
HLSP-DUP01-112918

Tot Ion:172 Resp: 4968709
Ion Ratio Lower Upper
172 100
171 43.5 33.2 49.8
170 30.1 22.9 34.3

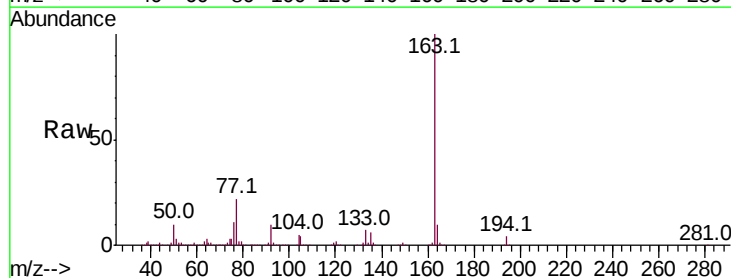


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

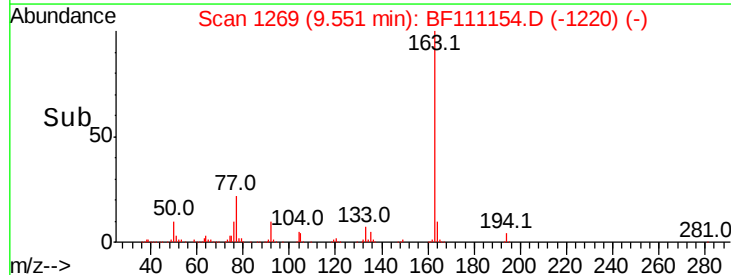
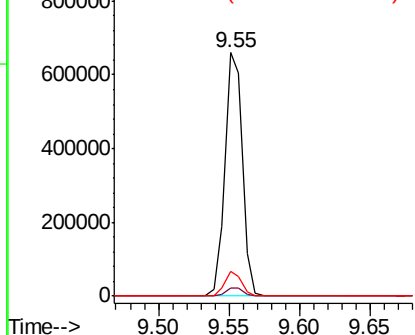


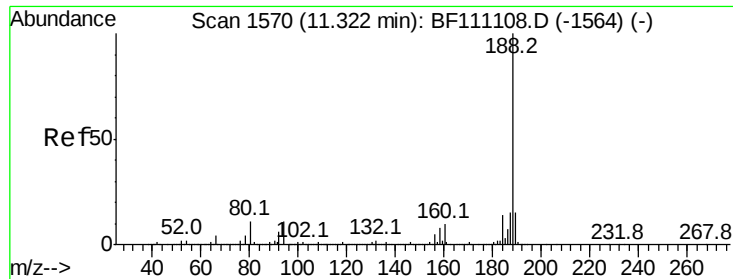
#50
Dimethylphthalate
Concen: 8.240 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:163 Resp: 566986
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.9 13.3



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

HLSP-DUP01-112918

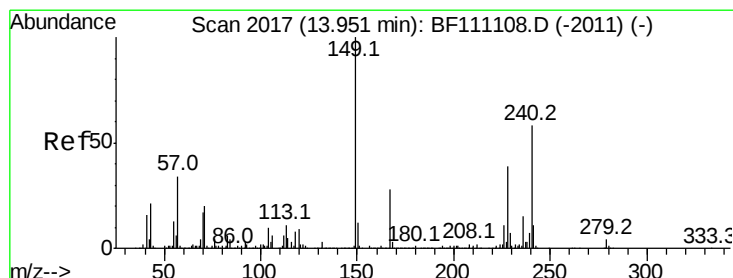
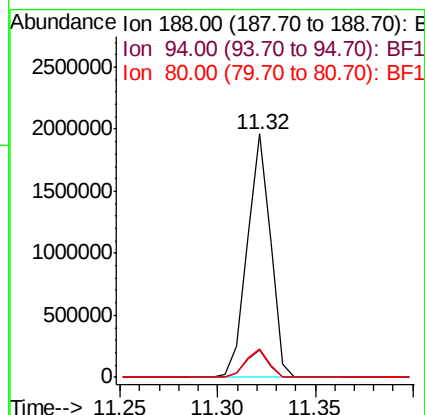
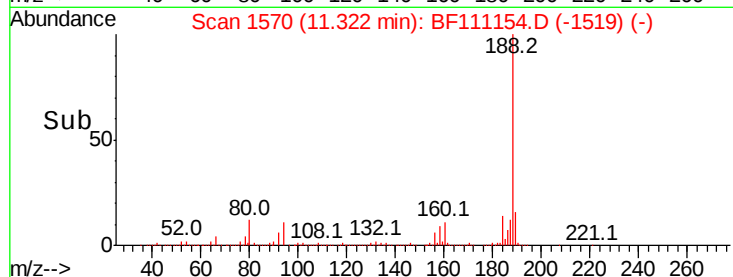
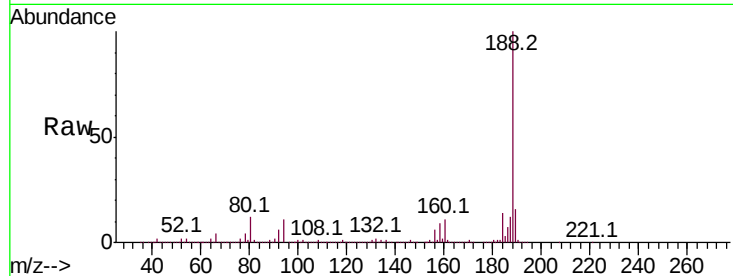
Tot Ion:188 Resp: 1615355

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

80 12.0 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

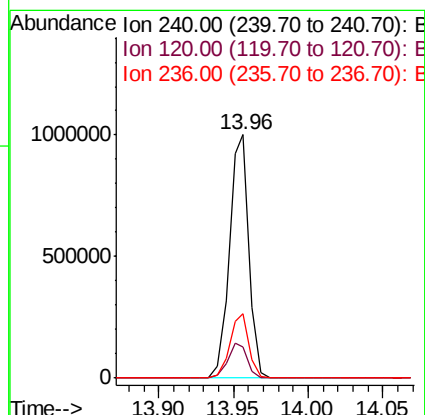
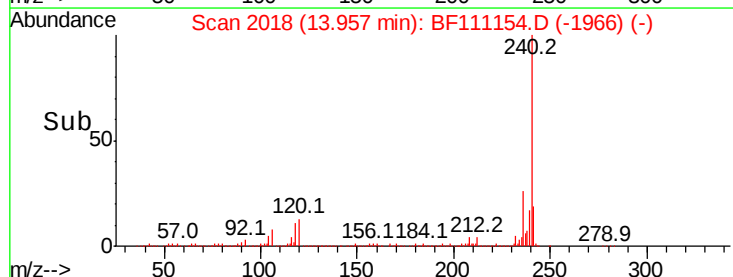
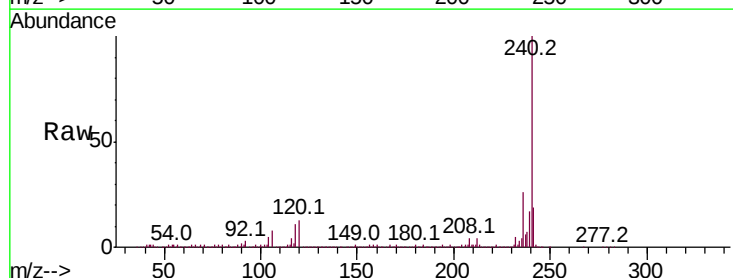
Tgt Ion:240 Resp: 925226

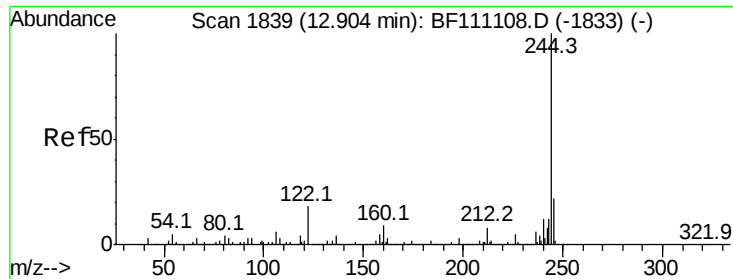
Ion Ratio Lower Upper

240 100

120 12.6 12.8 19.2#

236 26.3 21.1 31.7

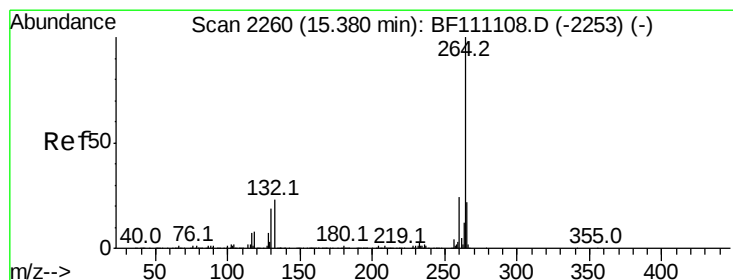
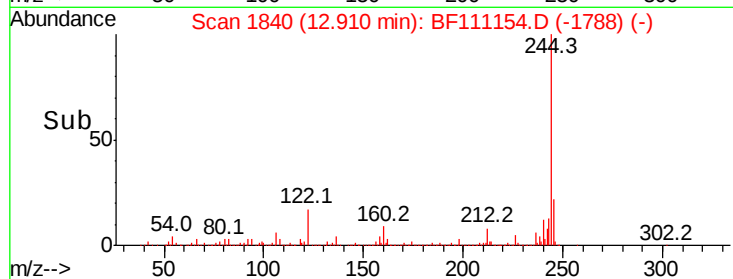
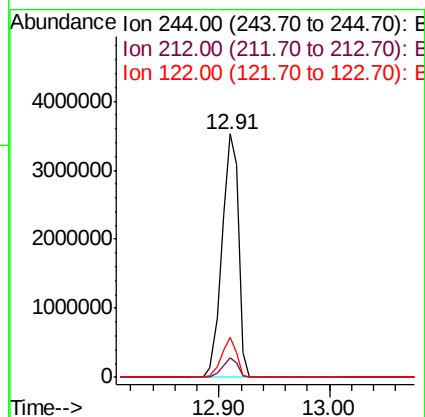
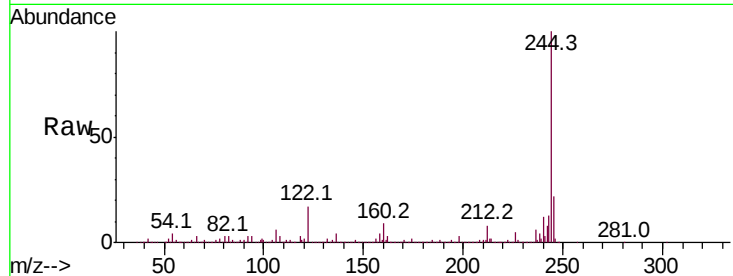




#79
 Terphenyl-d14
 Concen: 80.972 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-DUP01-112918

Tot Ion:244 Resp: 3658110
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 16.6 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Tgt Ion:264 Resp: 987842
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 22.4 17.4 26.0

