

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112506.D
 Acq On : 12 Feb 2019 12:22
 Operator : JU/SJ
 Sample : K1461-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 13 03:58:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

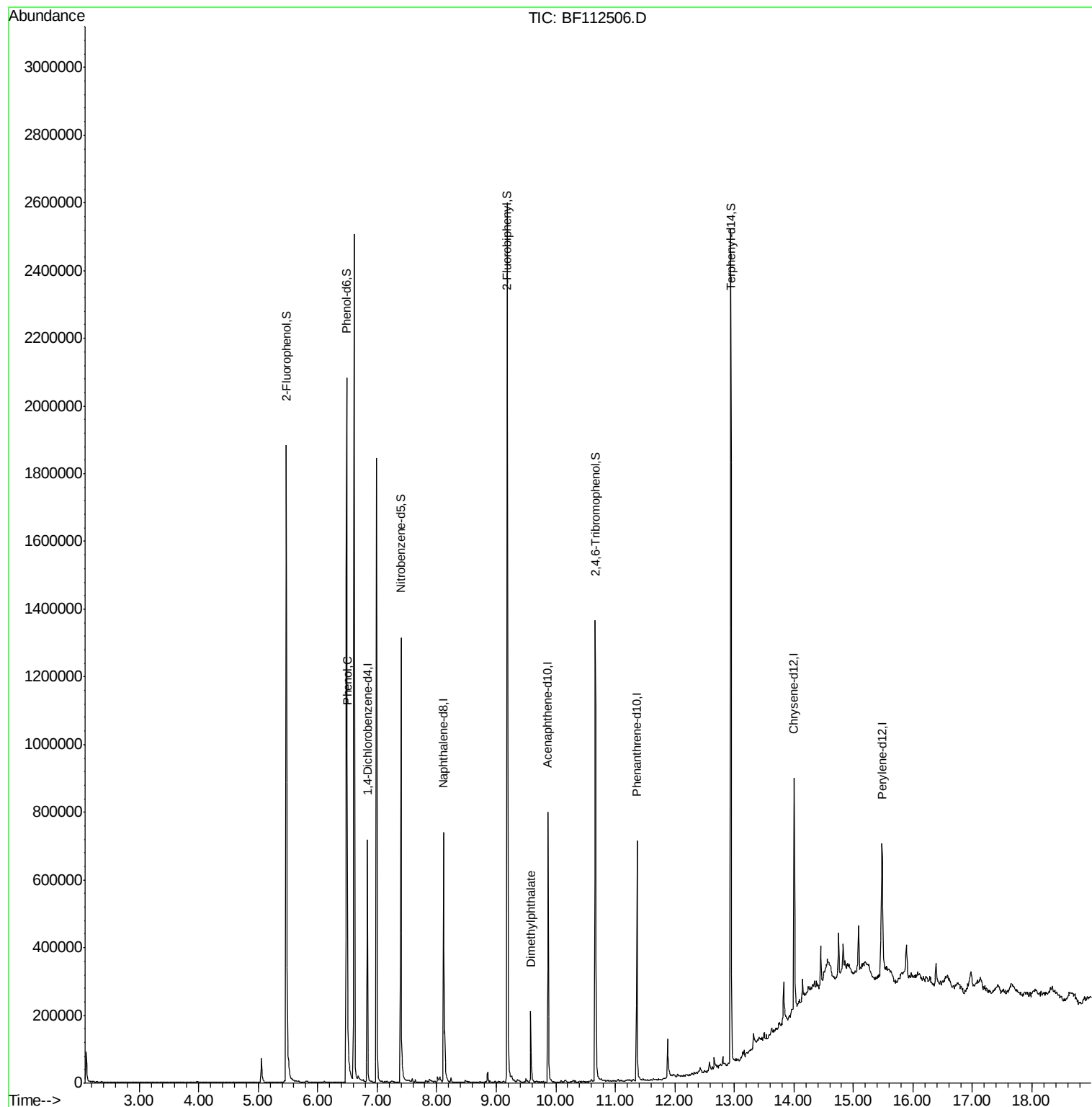
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104053	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	379212	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	161482	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	294494	20.00	ng	0.00
76) Chrysene-d12	14.01	240	263055	20.00	ng	0.00
87) Perylene-d12	15.48	264	194868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	601572	122.80	ng	0.00
7) Phenol-d6	6.49	99	723955	106.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	438079	66.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	182357	97.02	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	836884	73.30	ng	-0.02
79) Terphenyl-d14	12.94	244	793166	56.79	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	40757	5.457	ng	86
50) Dimethylphthalate	9.58	163	91384	7.284	ng	99

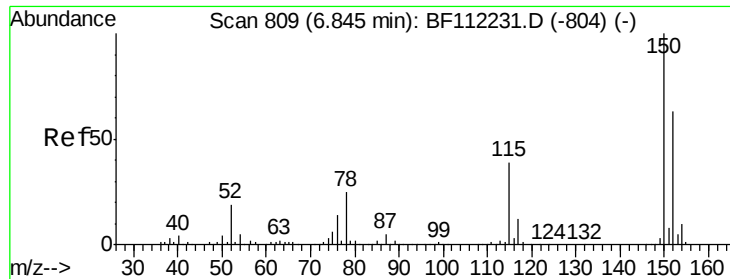
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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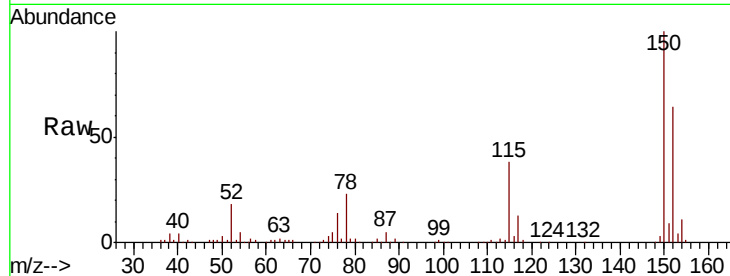


#1

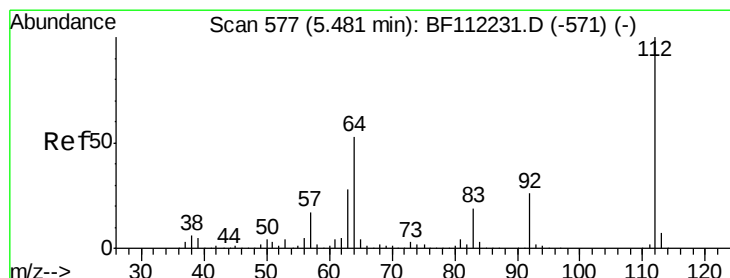
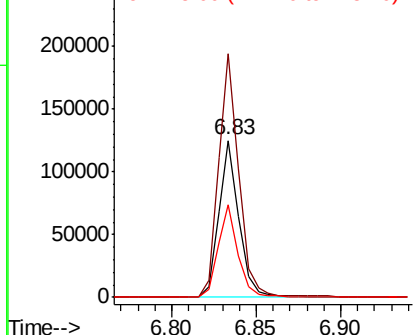
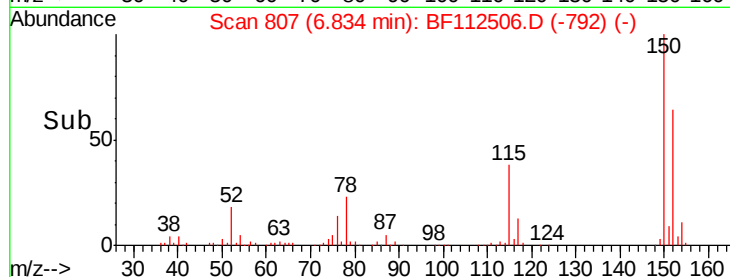
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

Tot Ion:152 Resp: 104053
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 59.1 45.5 68.3



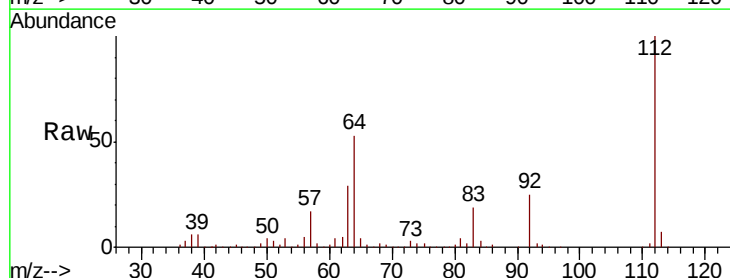
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



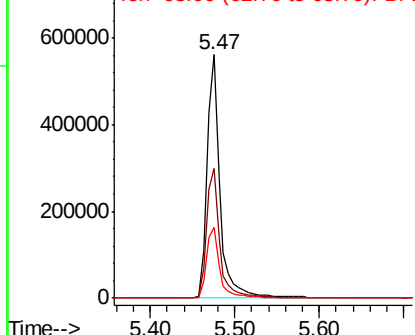
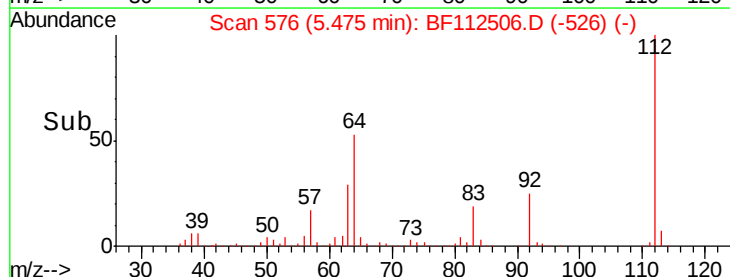
#5

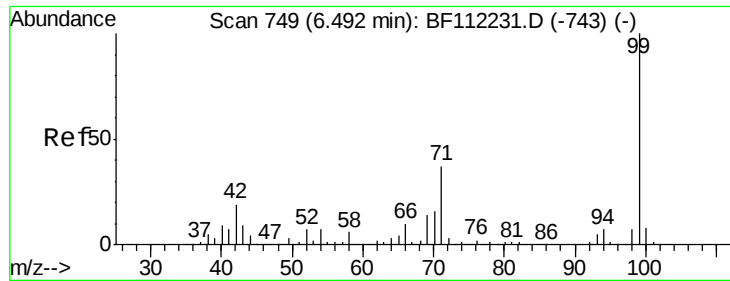
2-Fluorophenol
Concen: 122.801 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

Tgt Ion:112 Resp: 601572
Ion Ratio Lower Upper
112 100
64 53.0 45.7 68.5
63 29.3 23.6 35.4



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: 106.353 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-4

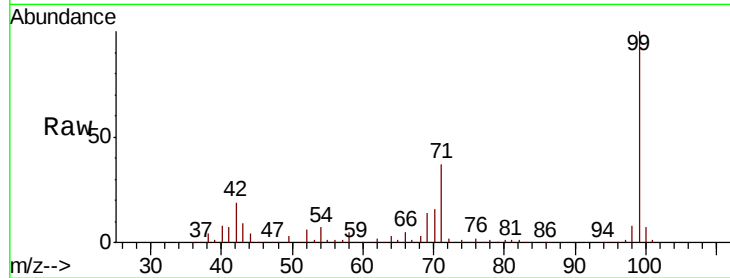
Tot Ion: 99 Resp: 723955

Ion Ratio Lower Upper

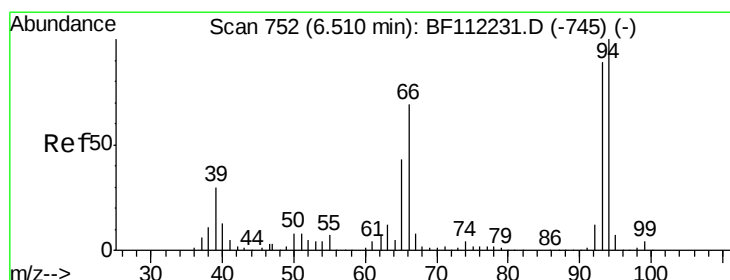
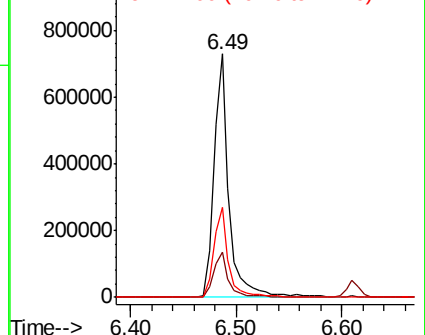
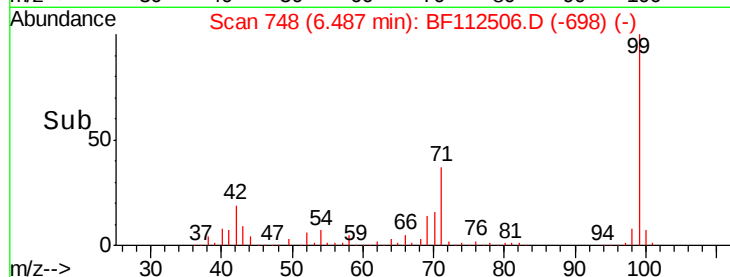
99 100

42 18.8 15.1 22.7

71 37.1 26.9 40.3



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



#10

Phenol

Concen: 5.457 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

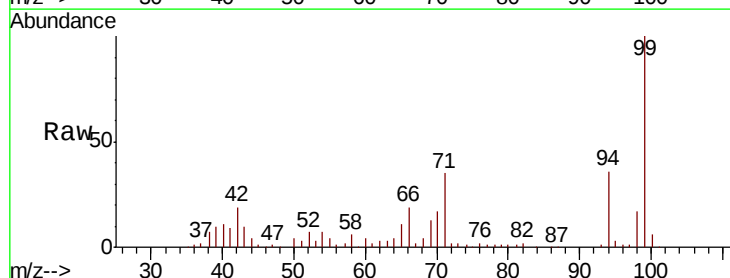
Tgt Ion: 94 Resp: 40757

Ion Ratio Lower Upper

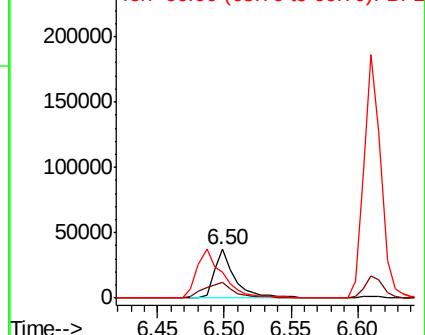
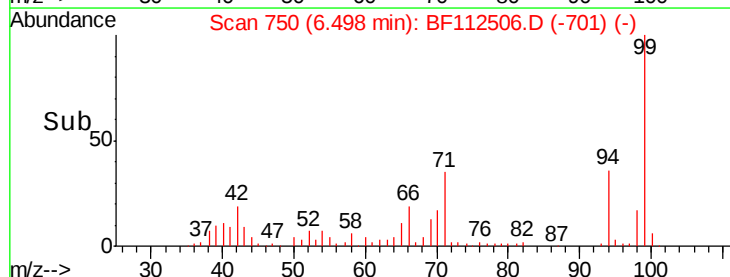
94 100

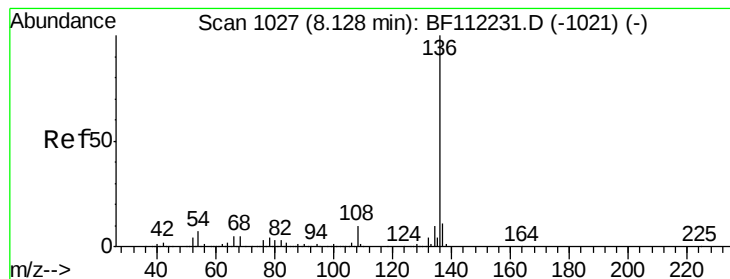
65 31.2 20.3 60.3

66 52.2 42.4 82.4



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-4

Tot Ion:136 Resp: 379212

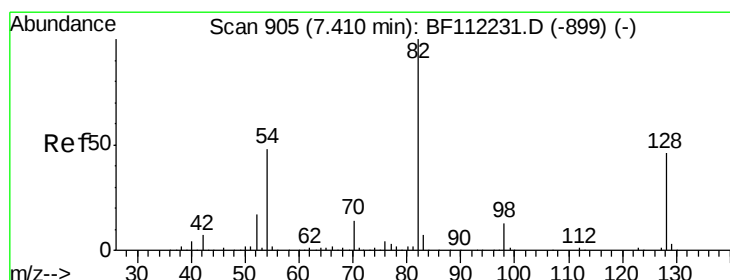
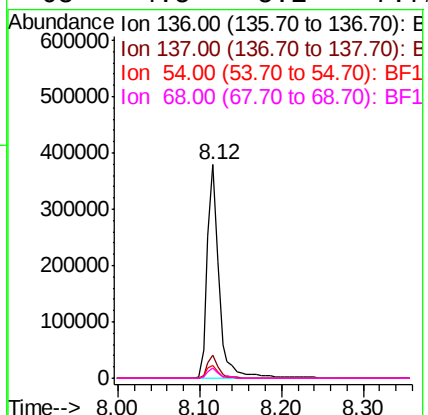
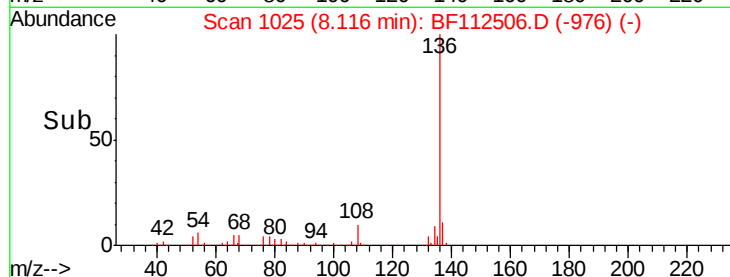
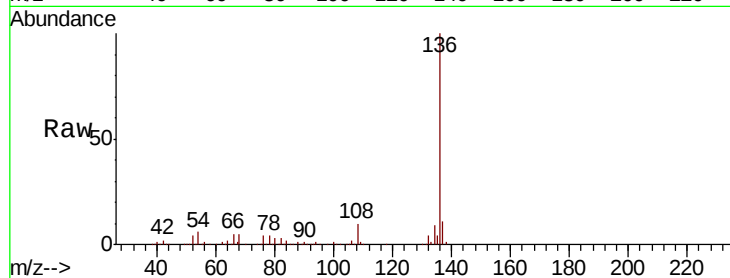
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 5.9 8.9#

68 4.5 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 66.564 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

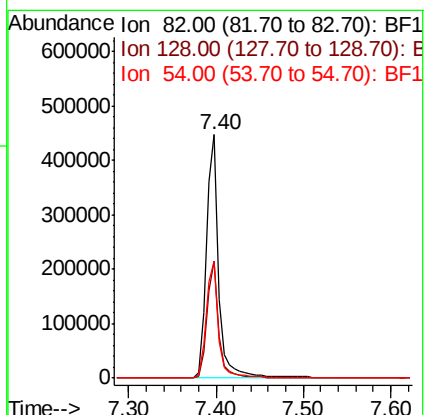
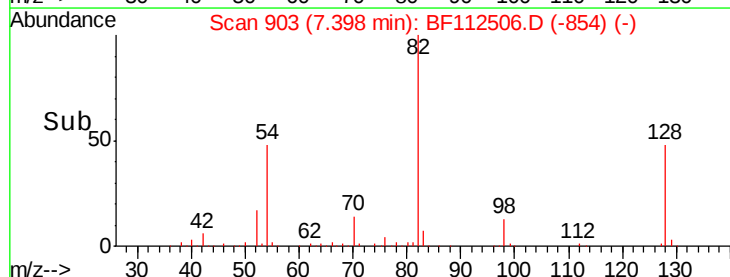
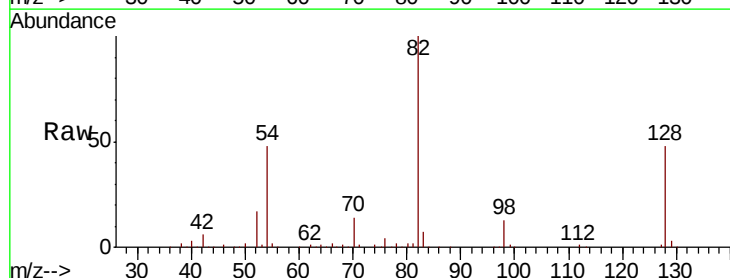
Tgt Ion: 82 Resp: 438079

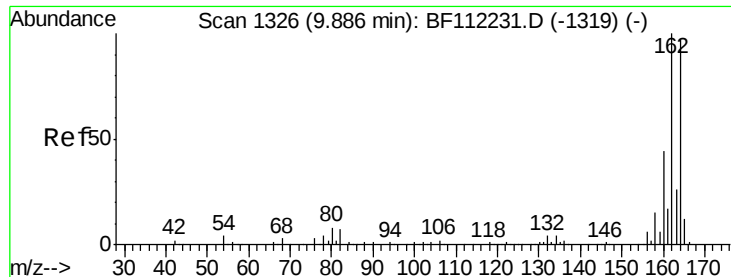
Ion Ratio Lower Upper

82 100

128 48.3 37.8 56.8

54 48.1 39.7 59.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-4

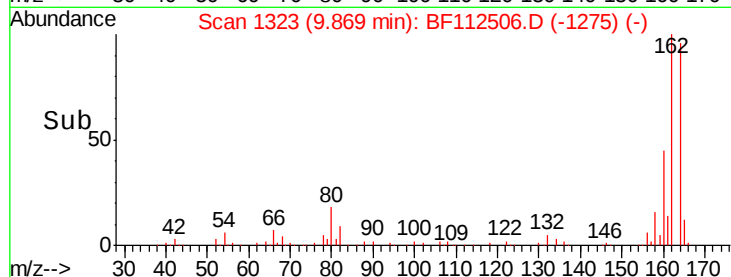
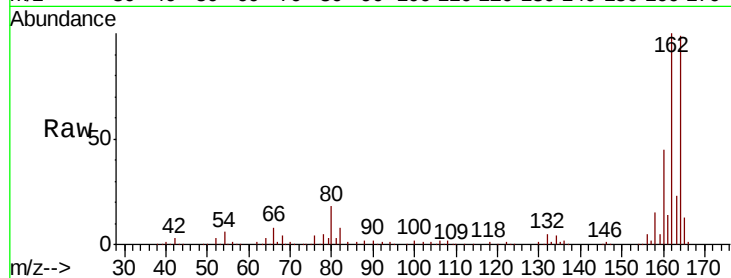
Tot Ion:164 Resp: 161482

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

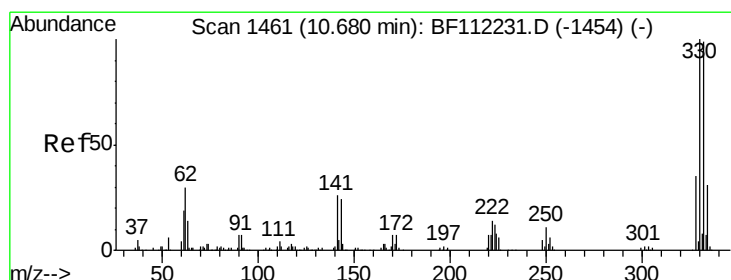
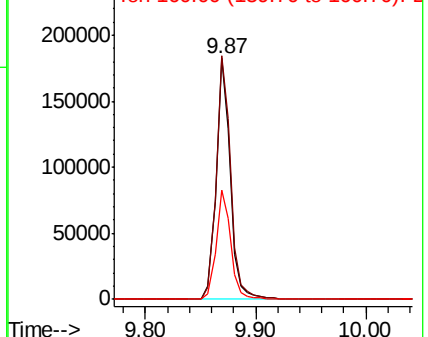
160 45.5 36.2 54.4



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: 97.019 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112506.D

Acq: 12 Feb 2019 12:22

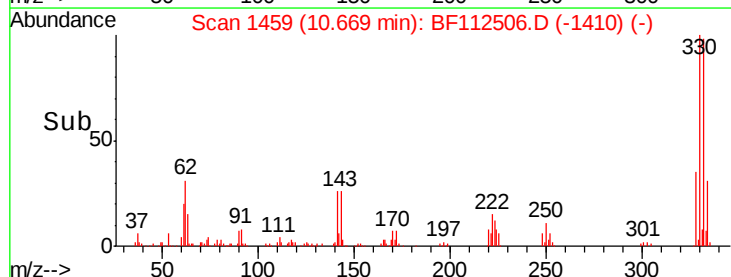
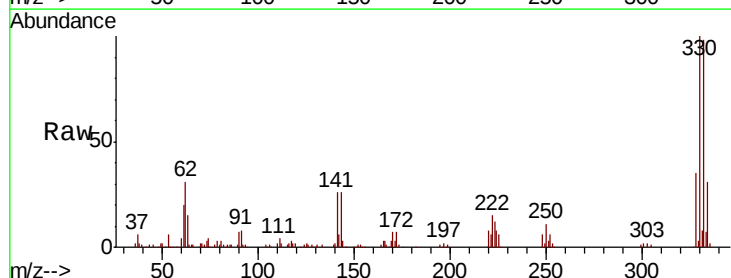
Tgt Ion:330 Resp: 182357

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

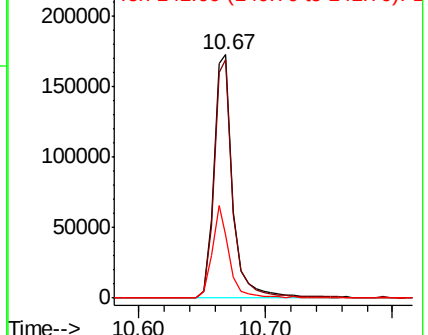
141 34.2 24.3 36.5

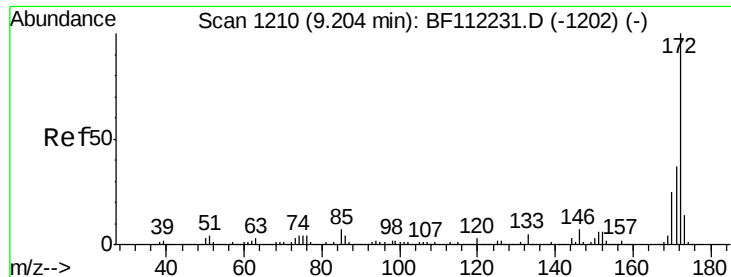


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

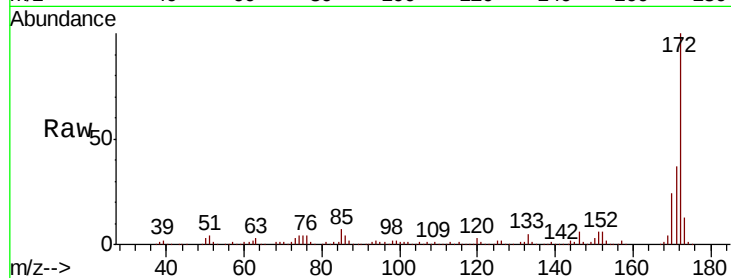




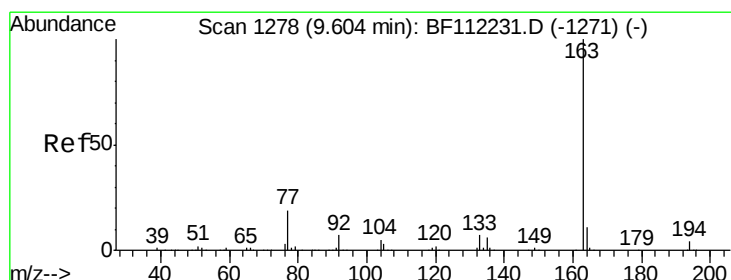
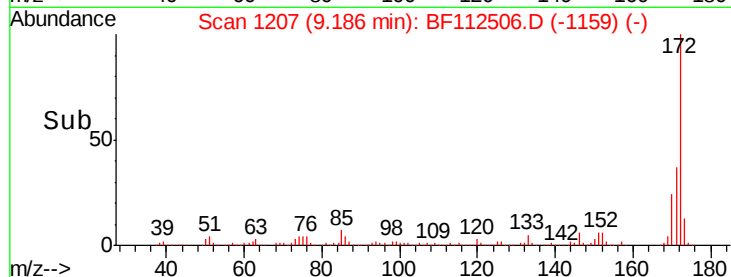
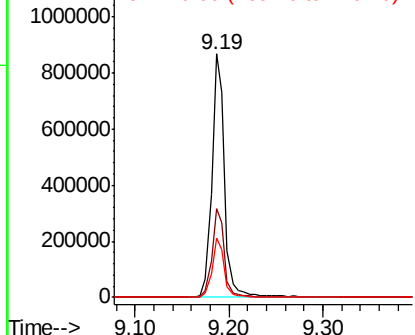
#45
2-Fluorobiphenyl
Concen: 73.298 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

Tot Ion:172 Resp: 836884
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.2 20.2 30.4

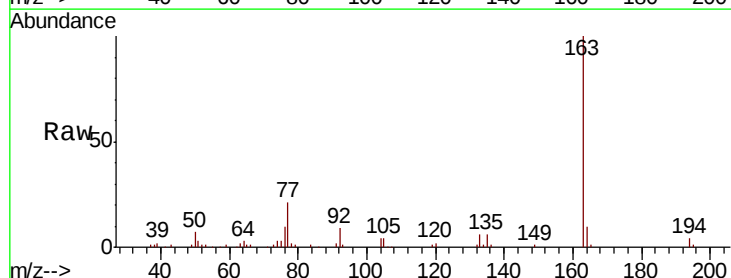


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

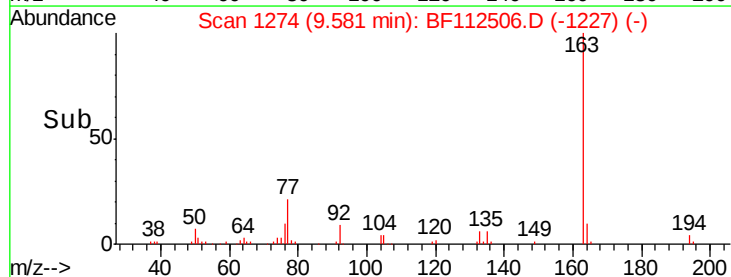
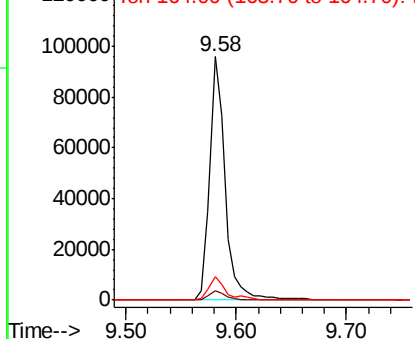


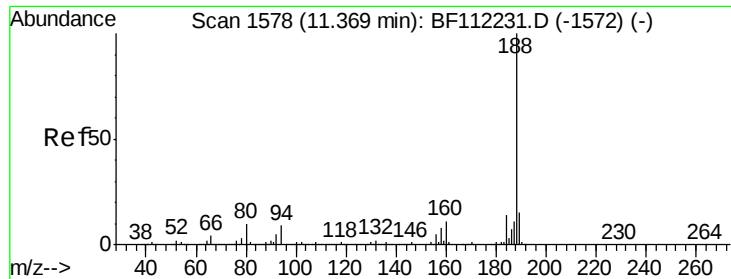
#50
Dimethylphthalate
Concen: 7.284 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

Tgt Ion:163 Resp: 91384
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.5 12.7



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

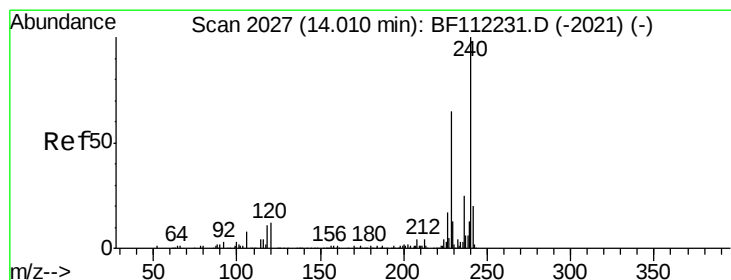
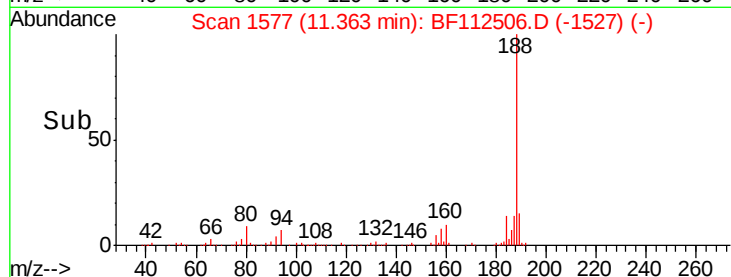
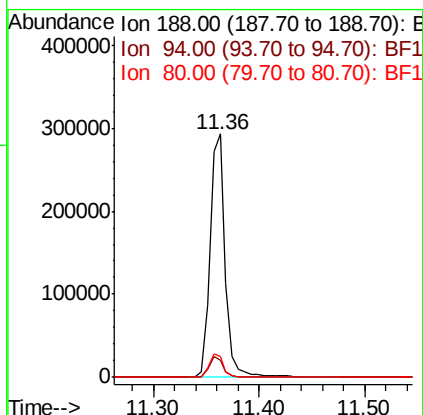
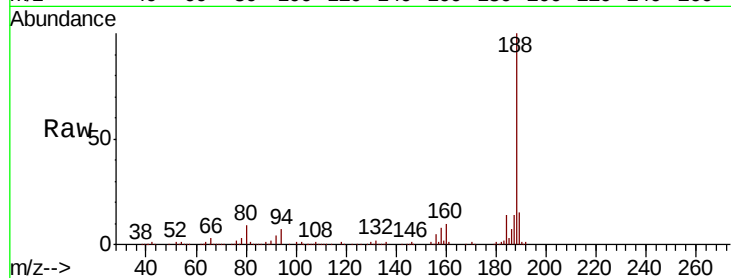




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

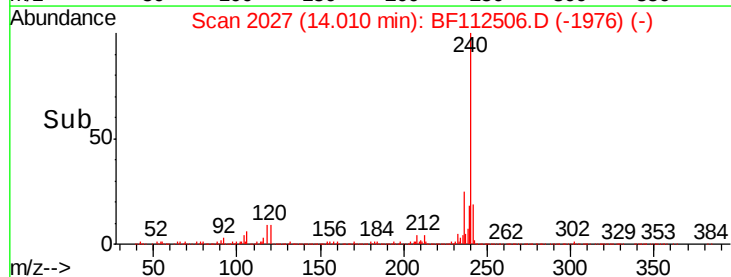
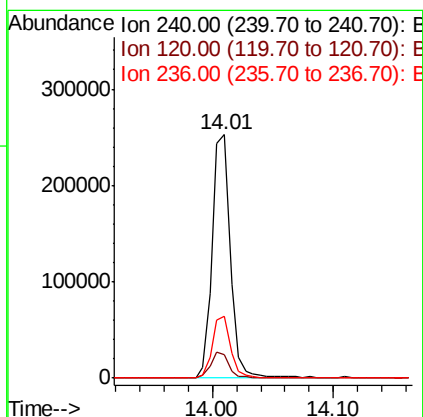
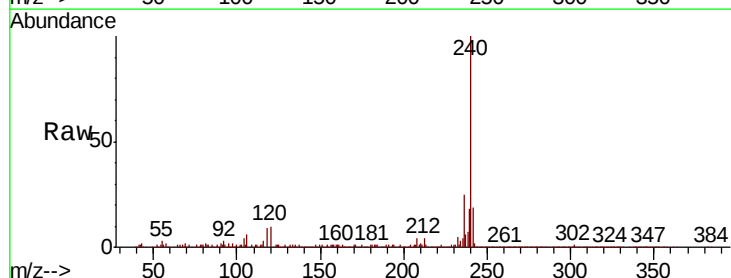
Instrument :
BNA_F
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TEST-PIT-4

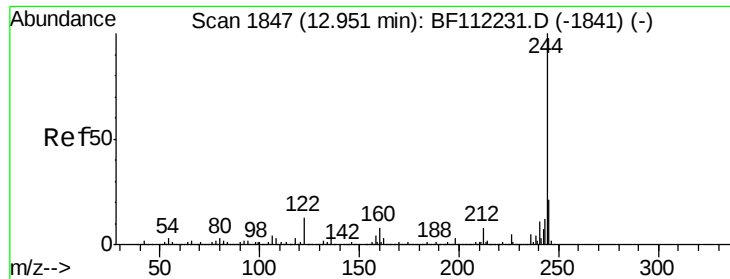
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.2	12.2#
80	8.5	8.9	13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112506.D
Acq: 12 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	25.4	20.7	31.1

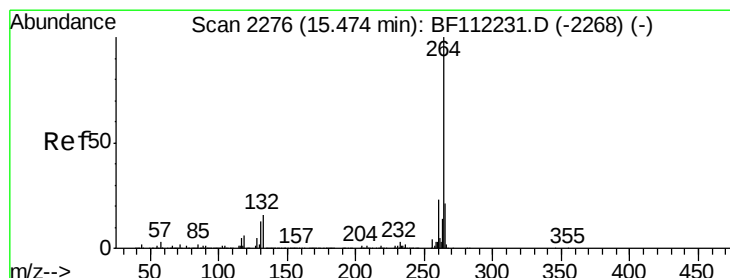
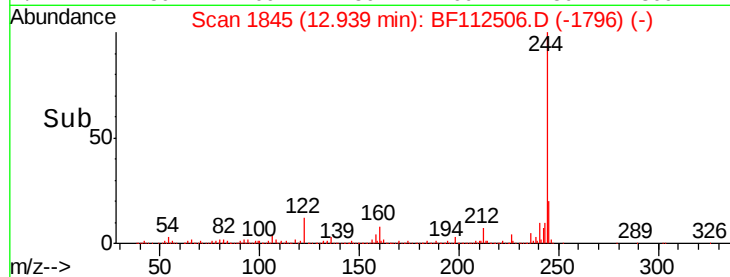
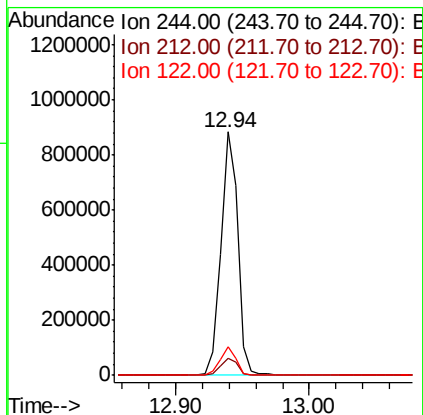
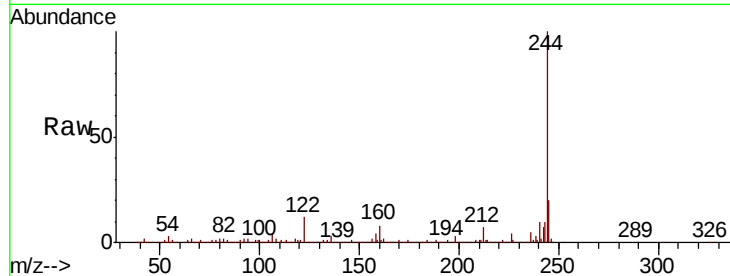




#79
 Terphenyl-d14
 Concen: 56.790 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112506.D
 Acq: 12 Feb 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.8	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF112506.D
 Acq: 12 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.4	17.0	25.4

