

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102367.D
 Acq On : 24 Jan 2018 2:42
 Operator : SJ/JU
 Sample : J1249-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-1(0-2)

Quant Time: Jan 24 06:05:41 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

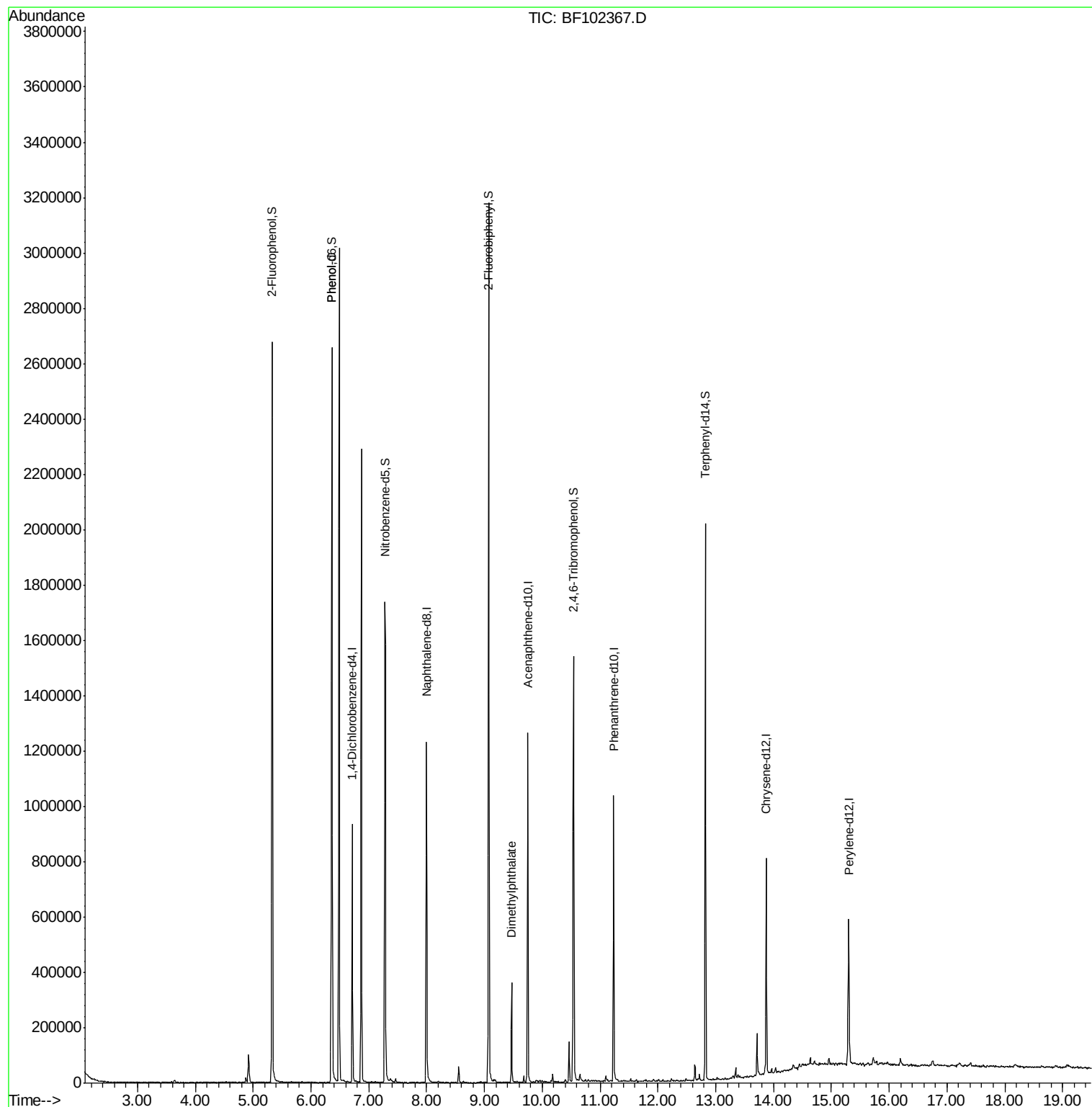
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133403	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	555018	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	238973	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	371058	20.00	ng	0.00
75) Chrysene-d12	13.87	240	259353	20.00	ng	0.00
86) Perylene-d12	15.30	264	222529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	850747	96.70	ng	0.00
7) Phenol-d6	6.36	99	1020764	96.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	634712	65.72	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170283	71.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1010140	62.15	ng	0.00
78) Terphenyl-d14	12.82	244	632053	54.94	ng	0.00
Target Compounds						
10) Phenol	6.37	94	51700	4.465	ng	78
49) Dimethylphthalate	9.47	163	144817	7.332	ng	97

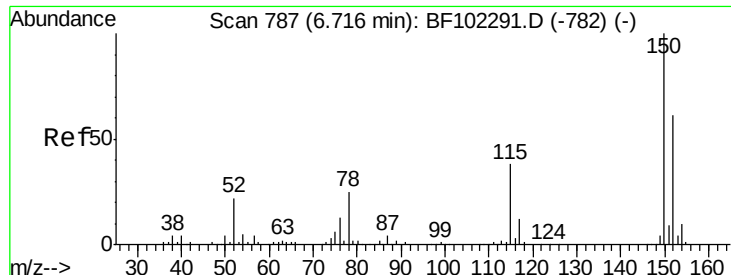
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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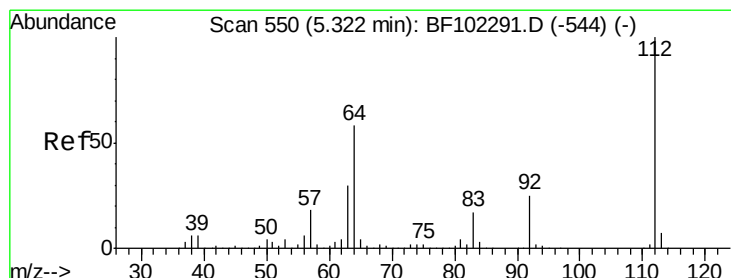
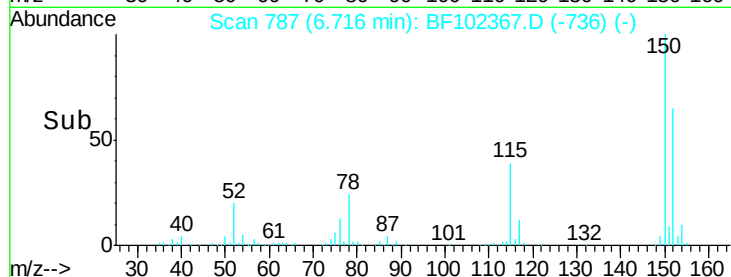
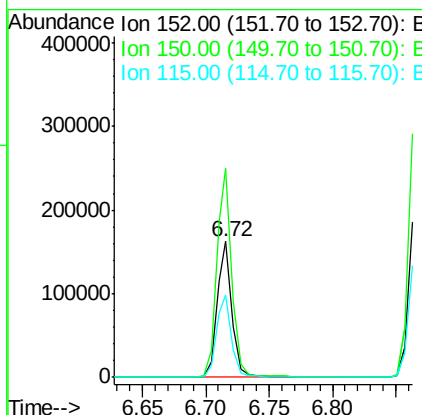
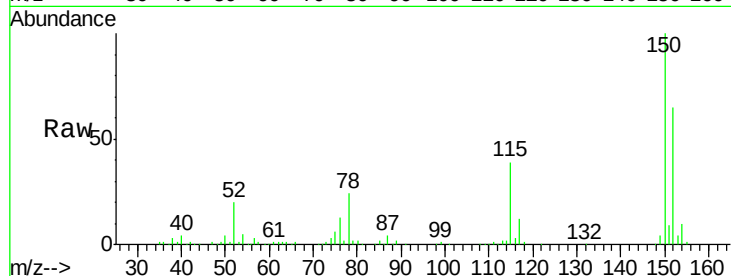


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :
 AB-1(0-2)

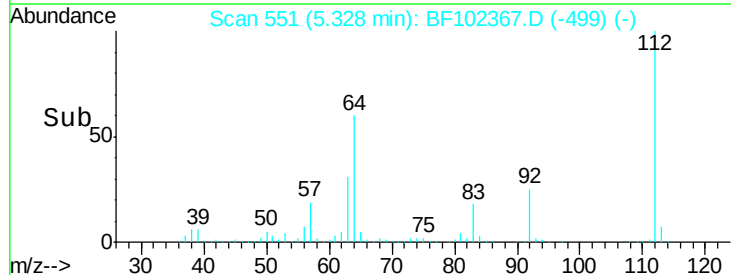
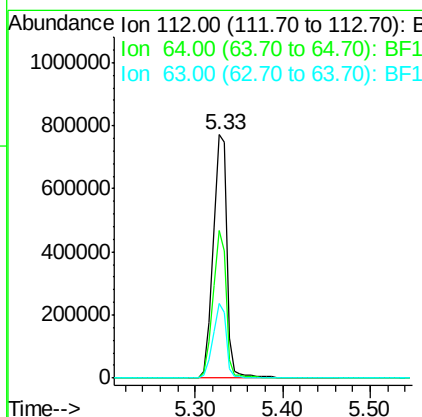
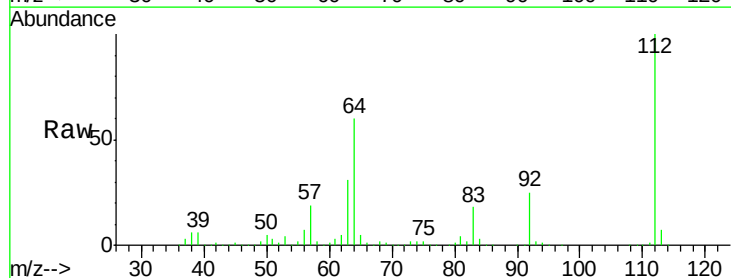
Tgt Ion:152 Resp: 133403
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.7 50.1 75.1

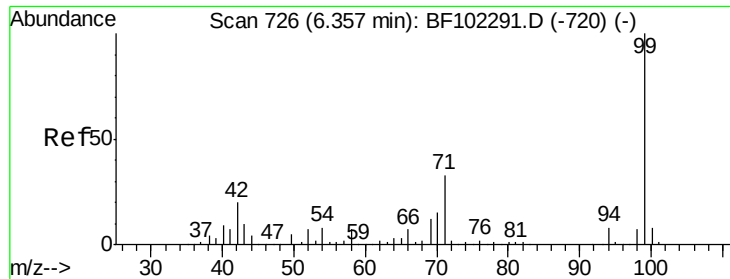


#5

2-Fluorophenol
 Concen: 96.696 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Tgt Ion:112 Resp: 850747
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 96.235 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

AB-1(0-2)

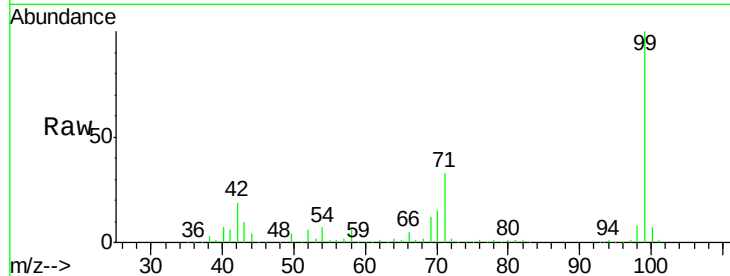
Tgt Ion: 99 Resp: 1020764

Ion Ratio Lower Upper

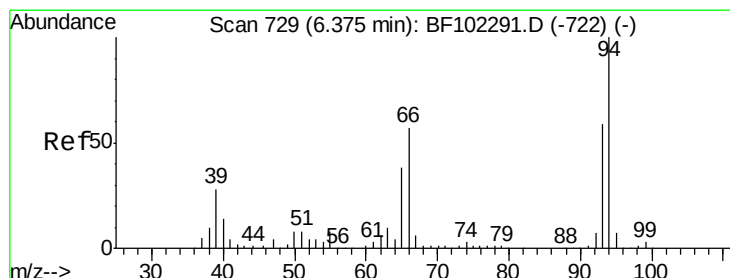
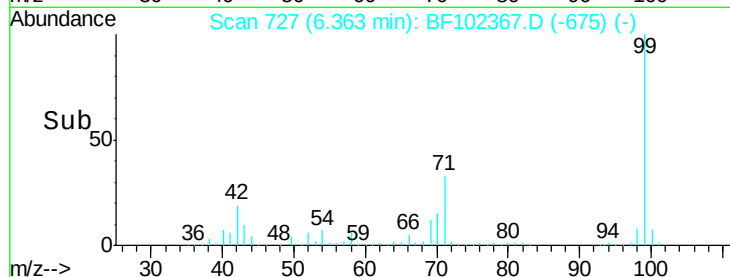
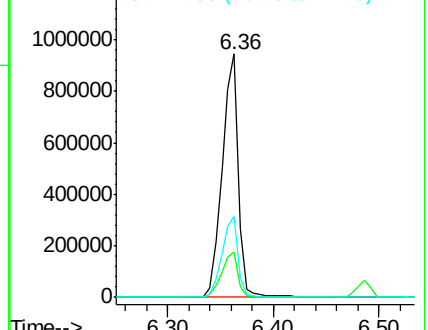
99 100

42 18.6 14.5 21.7

71 33.5 25.4 38.0



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: 4.465 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

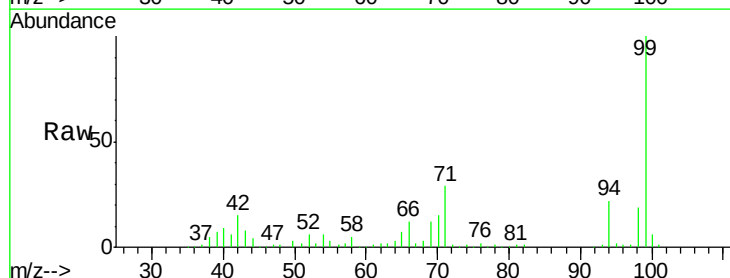
Tgt Ion: 94 Resp: 51700

Ion Ratio Lower Upper

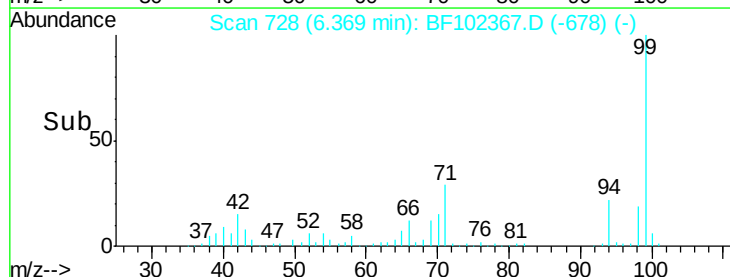
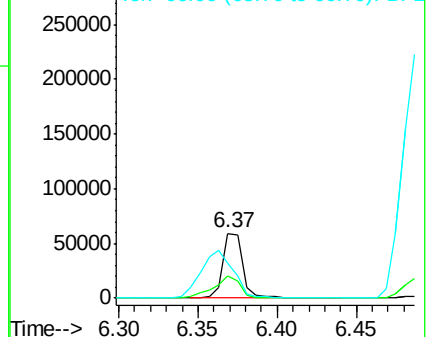
94 100

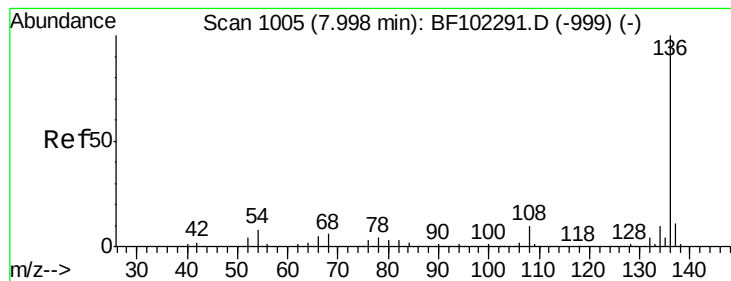
65 33.6 7.9 47.9

66 54.3 16.2 56.2



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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

AB-1(0-2)

Tgt Ion: 136 Resp: 555018

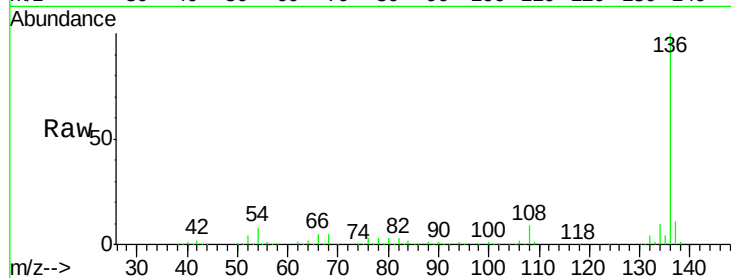
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.4 5.0 7.4

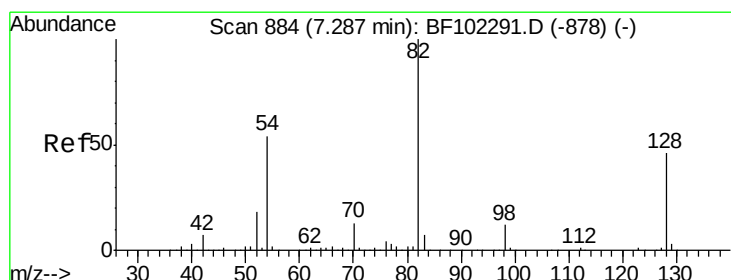
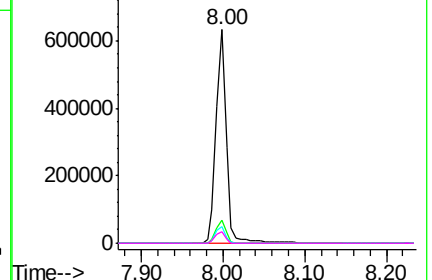
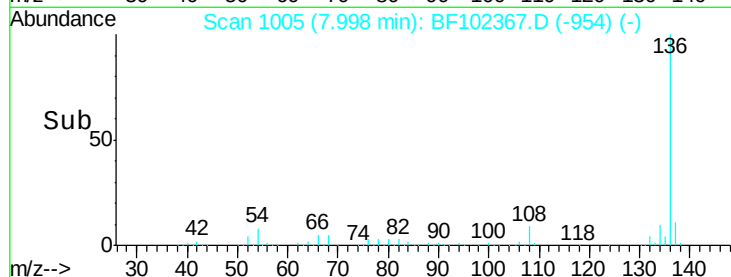


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.718 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

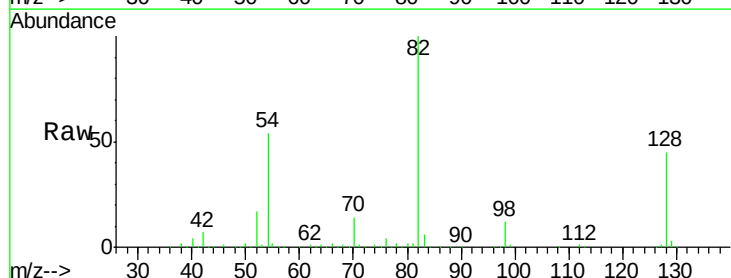
Tgt Ion: 82 Resp: 634712

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

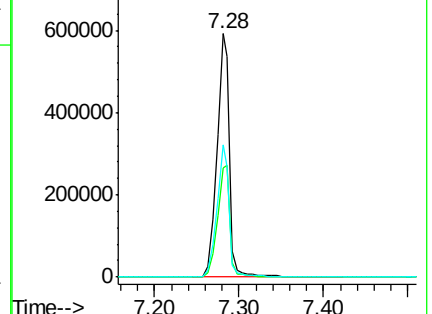
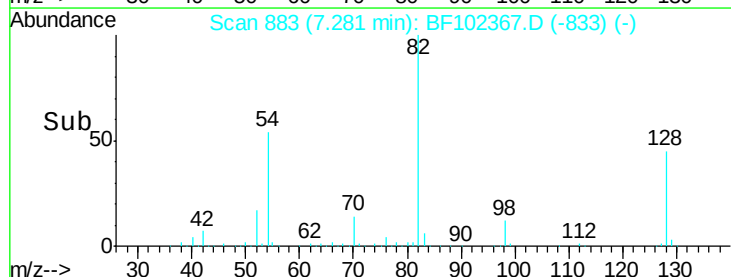
54 54.2 41.4 62.2

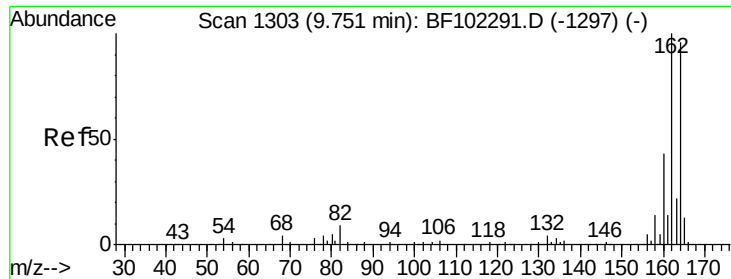


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

AB-1(0-2)

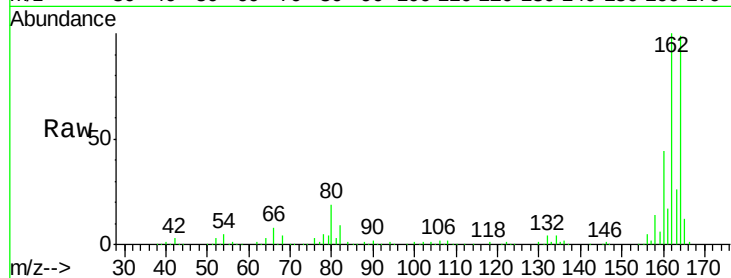
Tgt Ion:164 Resp: 238973

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

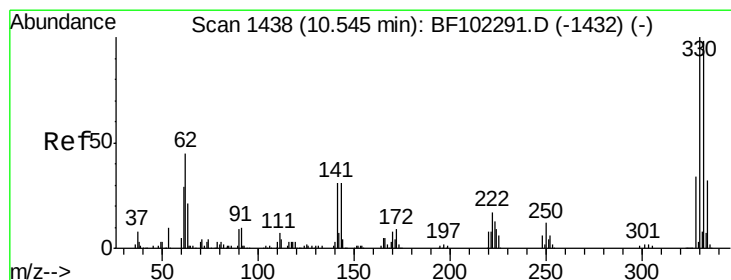
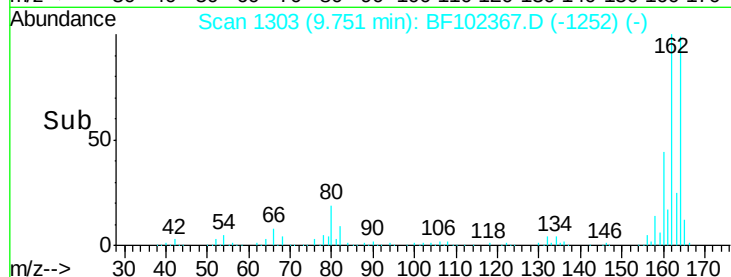
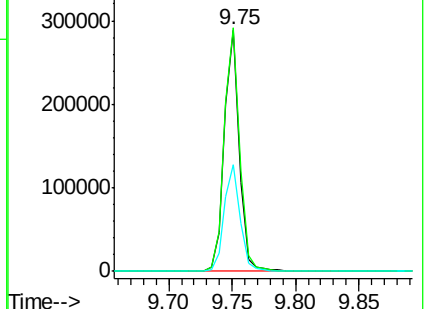
160 44.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 71.914 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

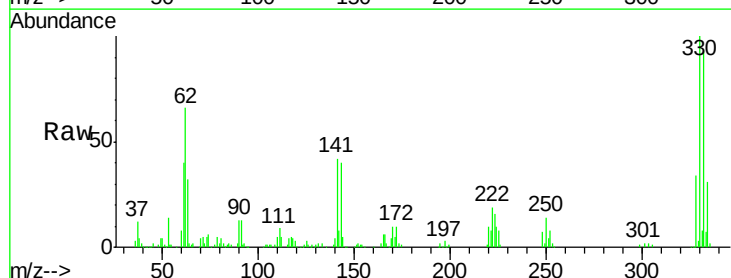
Tgt Ion:330 Resp: 170283

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

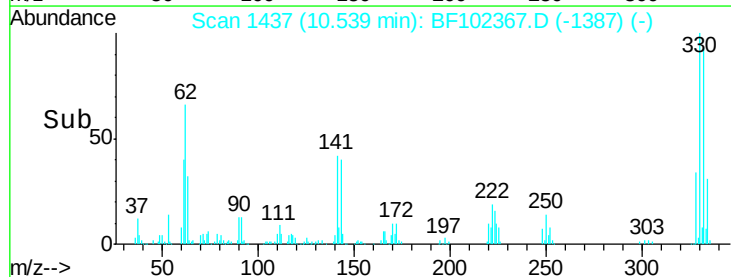
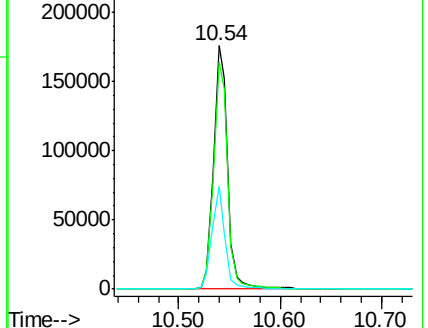
141 39.4 29.9 44.9

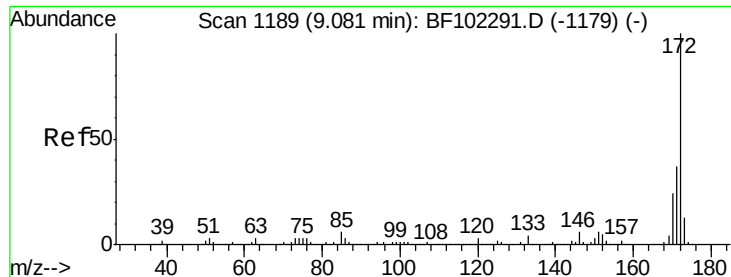


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

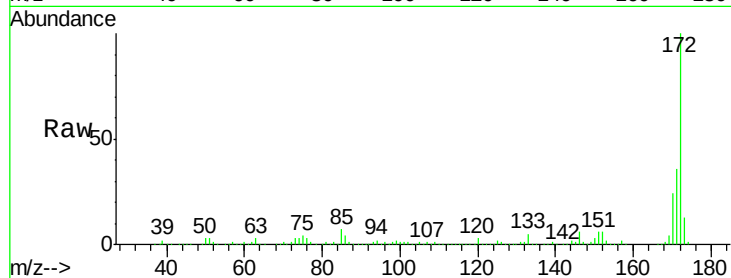




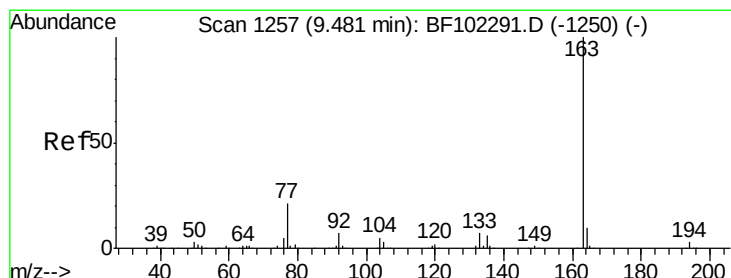
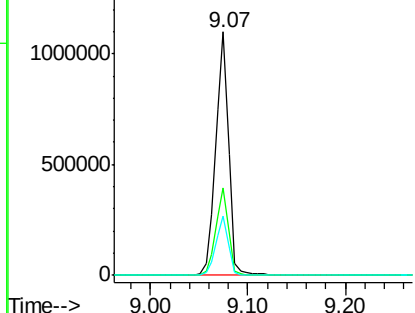
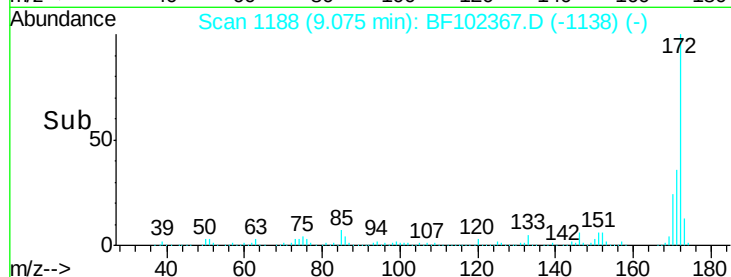
#44
2-Fluorobiphenyl
Concen: 62.152 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Instrument :
BNA_F
ClientSampled :
AB-1(0-2)

Tgt Ion:172 Resp: 1010140
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

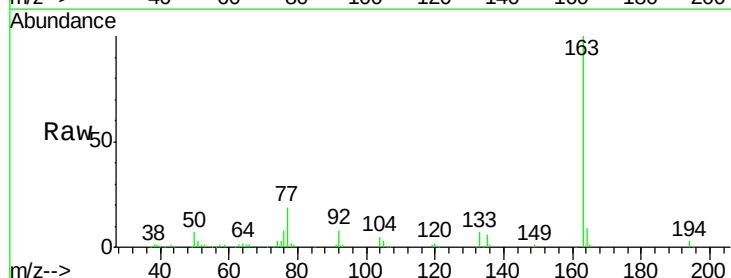


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

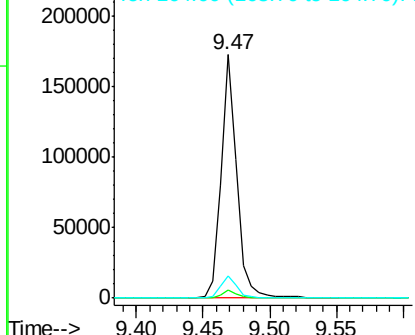
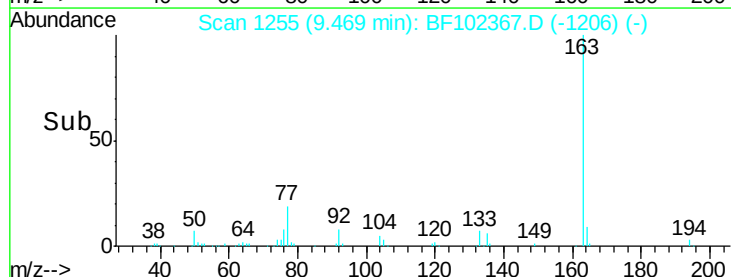


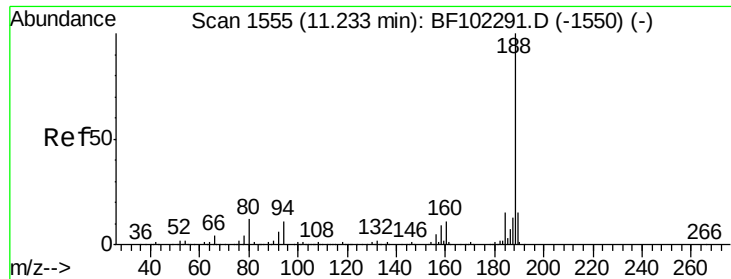
#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102367.D
Acq: 24 Jan 2018 2:42

Tgt Ion:163 Resp: 144817
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 8.9 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

Instrument :

BNA_F

ClientSampled :

AB-1(0-2)

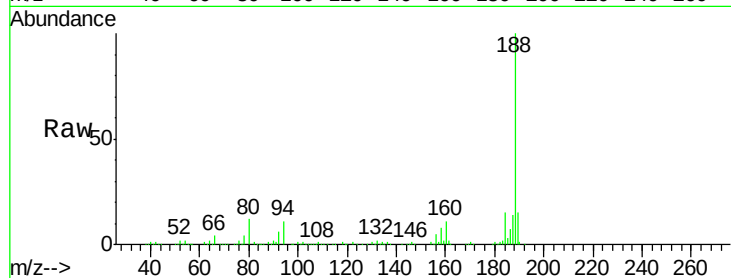
Tgt Ion:188 Resp: 371058

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

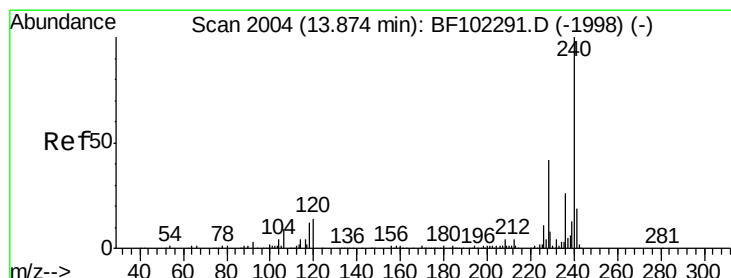
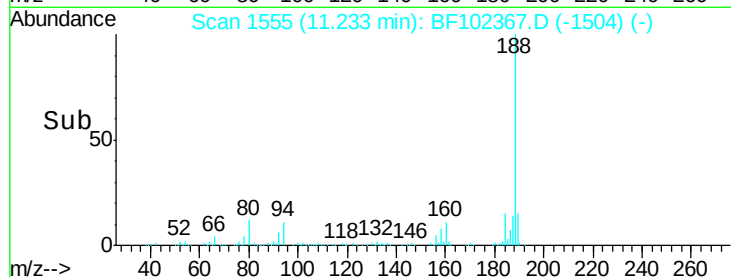
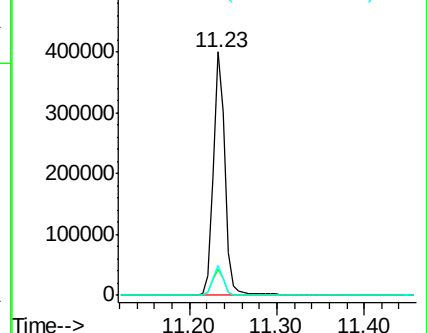
80 12.0 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102367.D

Acq: 24 Jan 2018 2:42

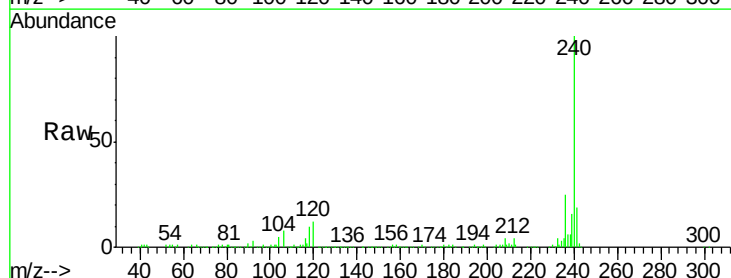
Tgt Ion:240 Resp: 259353

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

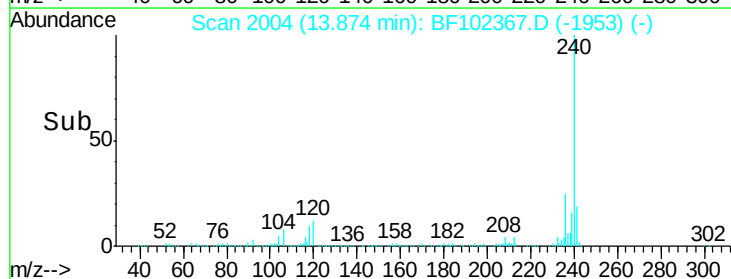
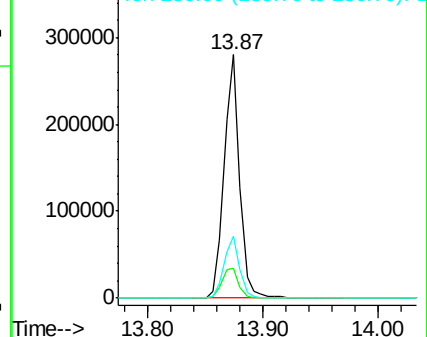
236 25.2 20.7 31.1

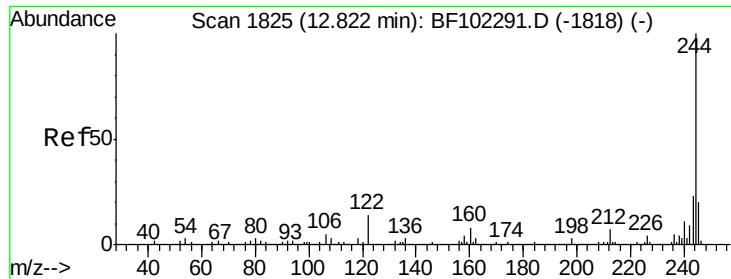


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

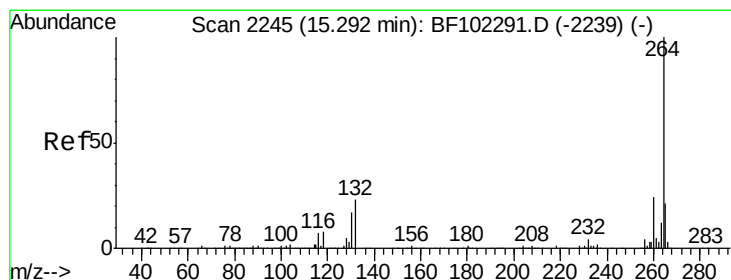
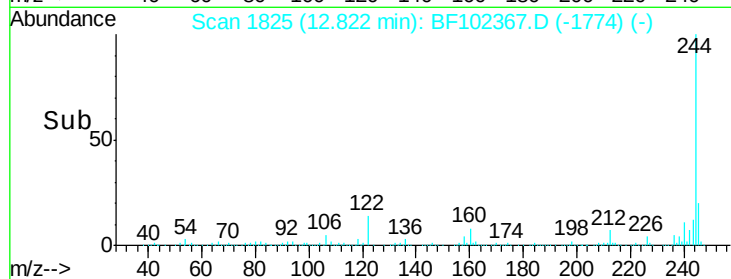
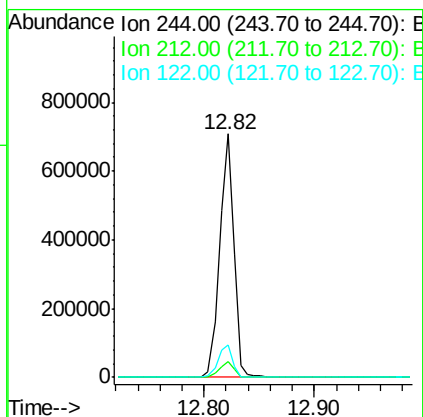
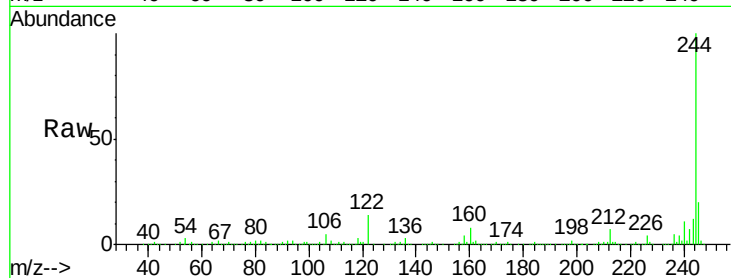




#78
 Terphenyl-d14
 Concen: 54.940 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :
 AB-1(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.5	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102367.D
 Acq: 24 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.3	17.5	26.3

