

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102329.D
 Acq On : 23 Jan 2018 6:57
 Operator : SJ/JU
 Sample : J1186-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-5

Quant Time: Jan 23 08:11:37 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

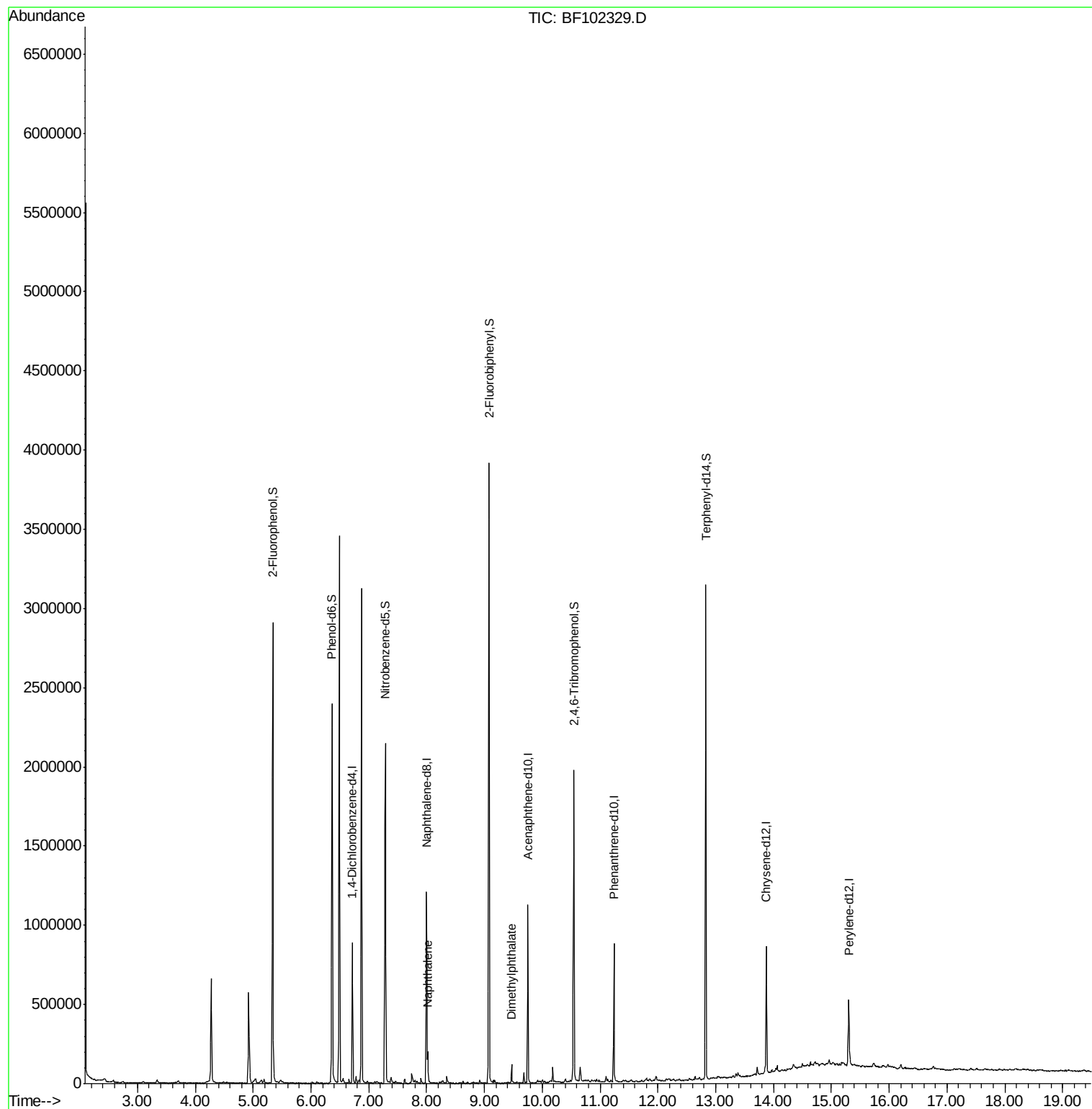
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126723	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	507791	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204256	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	309003	20.00	ng	0.00
75) Chrysene-d12	13.87	240	257269	20.00	ng	0.00
86) Perylene-d12	15.30	264	185197	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	902175	107.95	ng	0.02
7) Phenol-d6	6.36	99	955618	94.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	719927	81.47	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	223156	110.26	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1357163	97.70	ng	0.00
78) Terphenyl-d14	12.83	244	1124825	98.56	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	77446	3.055	ng	99
49) Dimethylphthalate	9.47	163	38675	2.291	ng	98

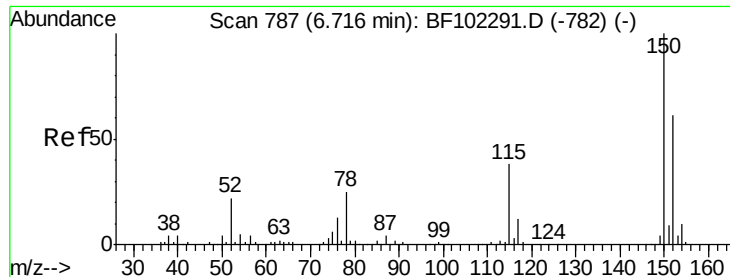
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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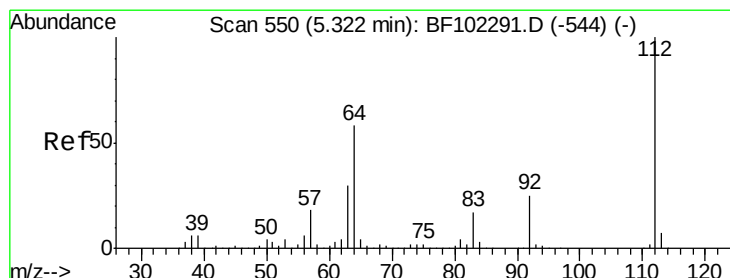
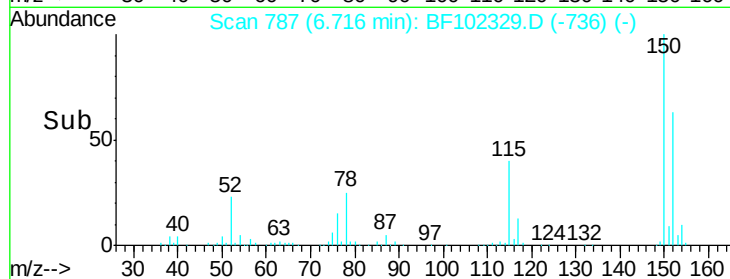
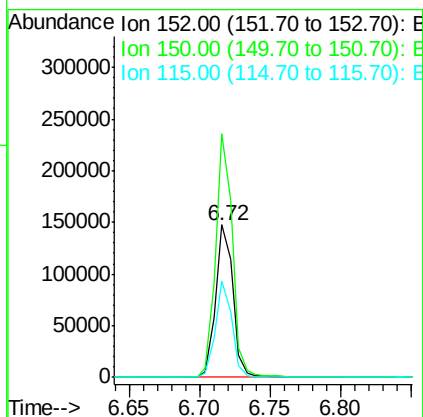
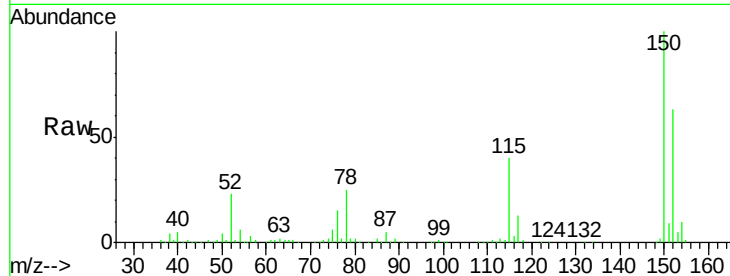


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102329.D
 Acq: 23 Jan 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :
 QWS-5

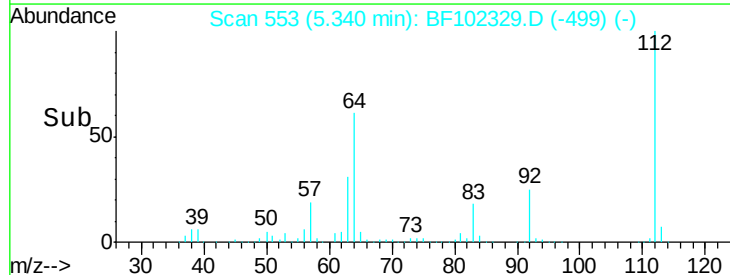
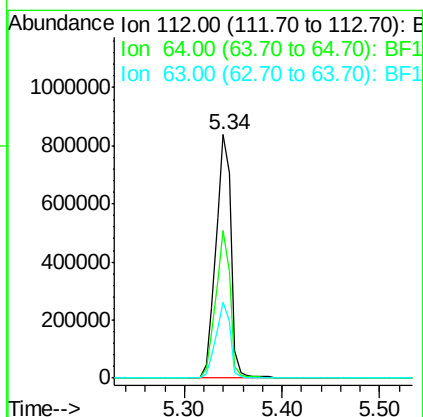
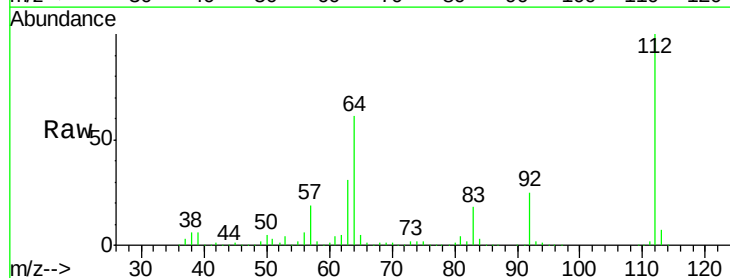
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	63.7	50.1	75.1

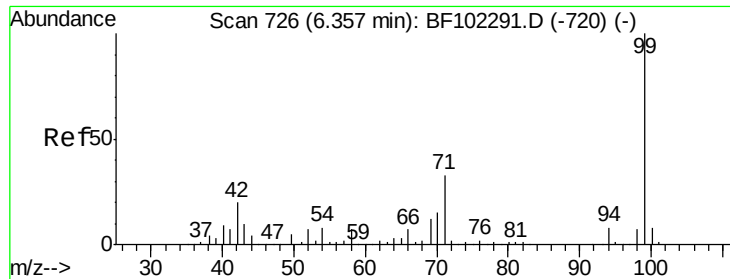


#5

2-Fluorophenol
 Concen: 107.947 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102329.D
 Acq: 23 Jan 2018 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.9	23.7	35.5





#7

Phenol-d6

Concen: 94.842 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

Instrument :

BNA_F

ClientSampled :

OWS-5

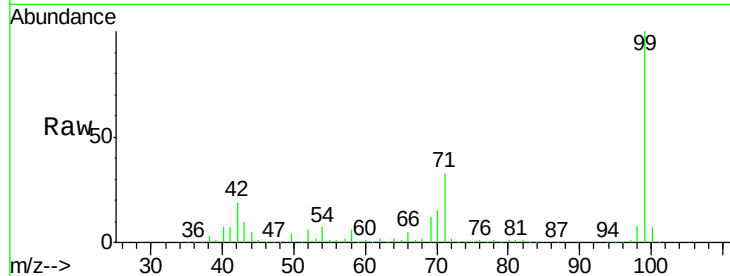
Tot Ion: 99 Resp: 955618

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

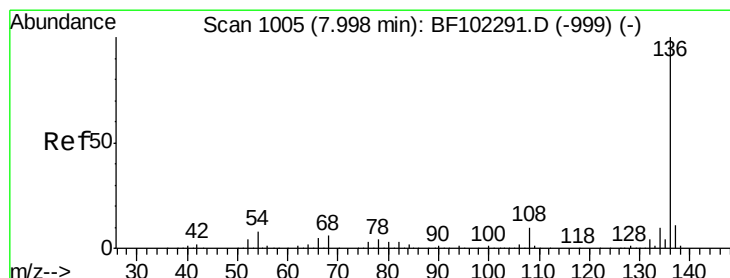
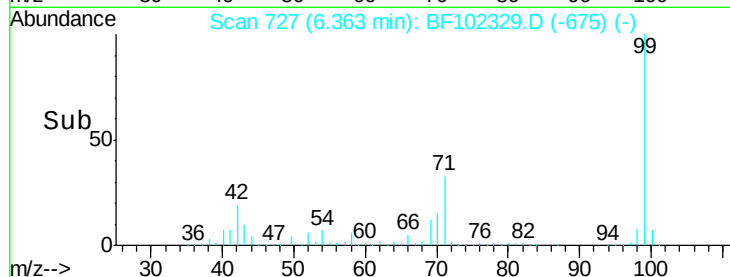
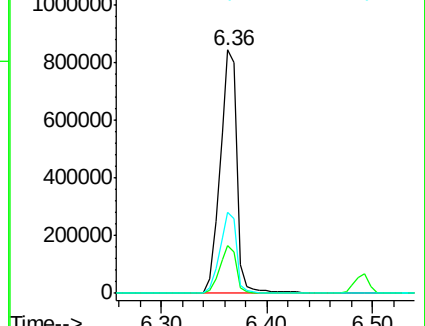
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

Tgt Ion: 136 Resp: 507791

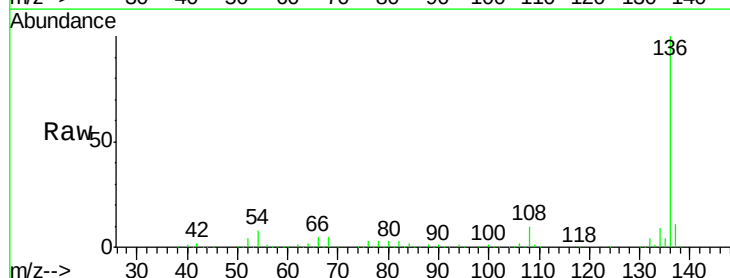
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.4 5.0 7.4

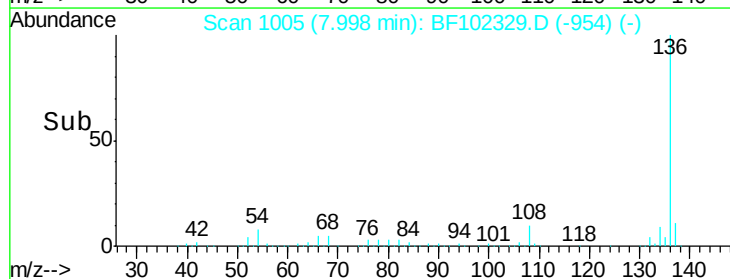
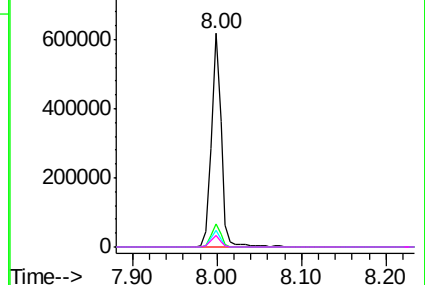


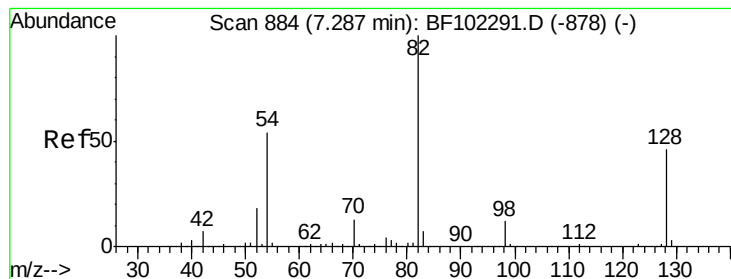
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.474 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

Instrument :

BNA_F

ClientSampled :

OWS-5

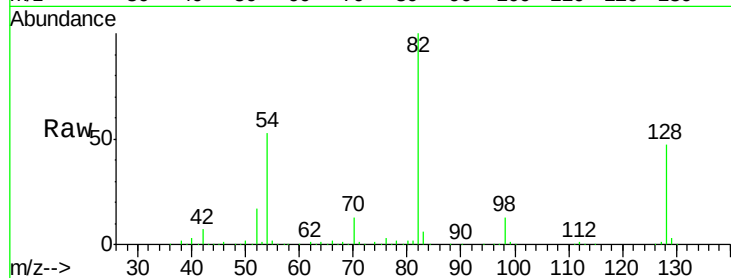
Tot Ion: 82 Resp: 719927

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	52.9	41.4	62.2

82 100

128 46.8 36.1 54.1

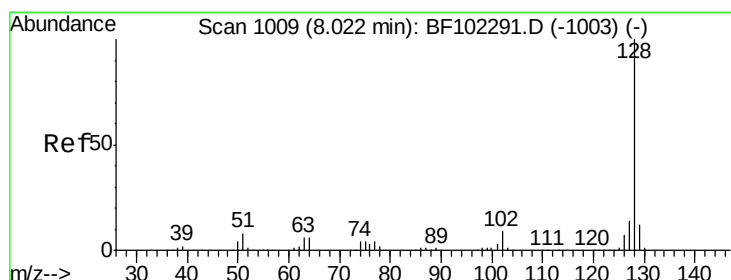
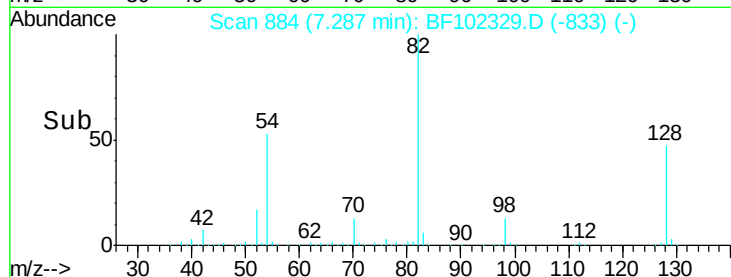
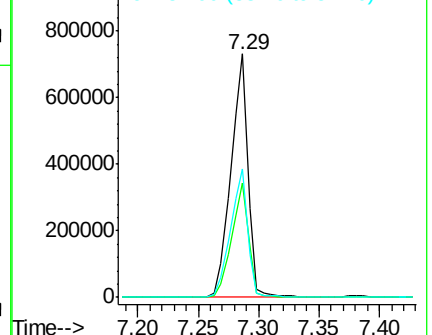
54 52.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 3.055 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

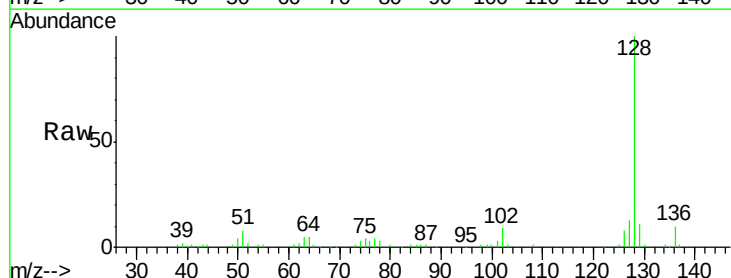
Tgt Ion: 128 Resp: 77446

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.1	10.9	16.3

128 100

129 11.5 8.8 13.2

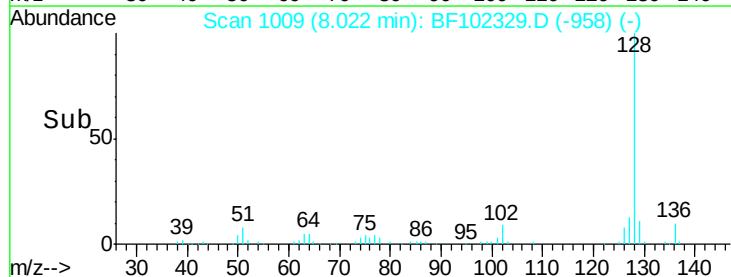
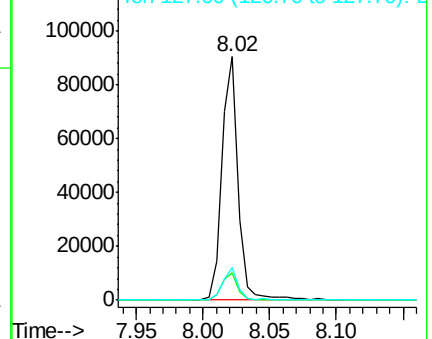
127 13.1 10.9 16.3

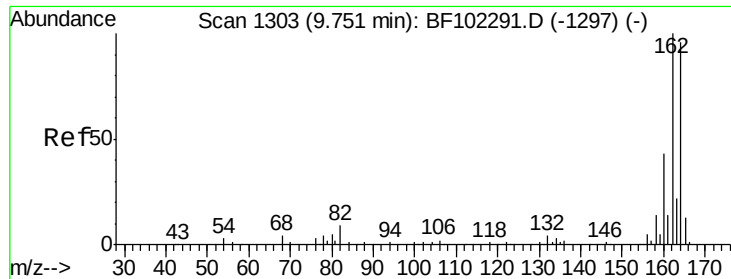


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

Instrument :

BNA_F

ClientSampleId :

OWS-5

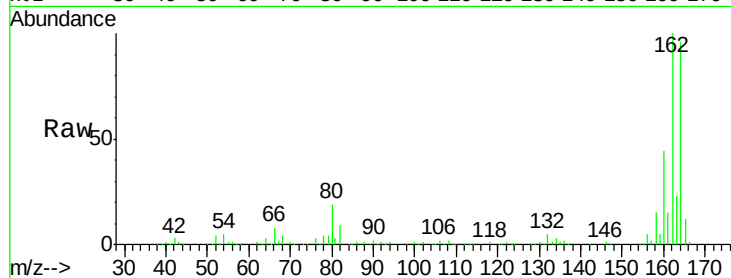
Tot Ion:164 Resp: 204256

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

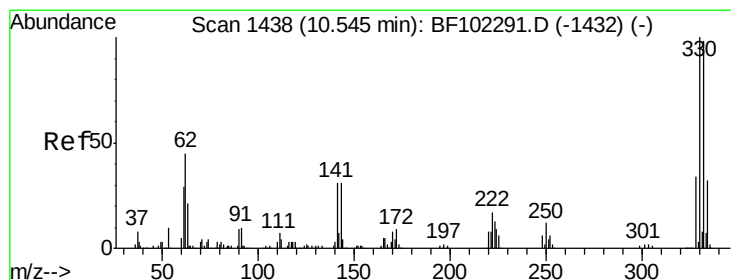
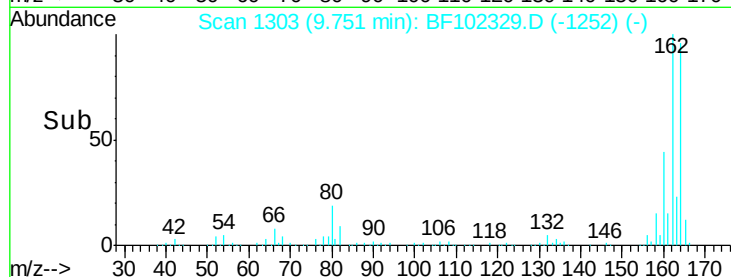
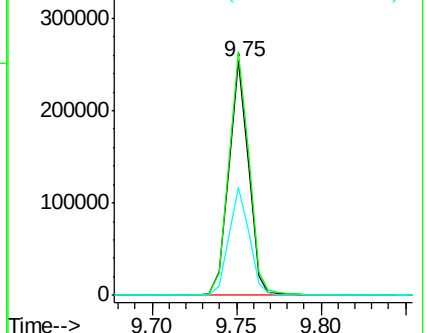
160 46.1 38.3 57.5



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: 110.261 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102329.D

Acq: 23 Jan 2018 6:57

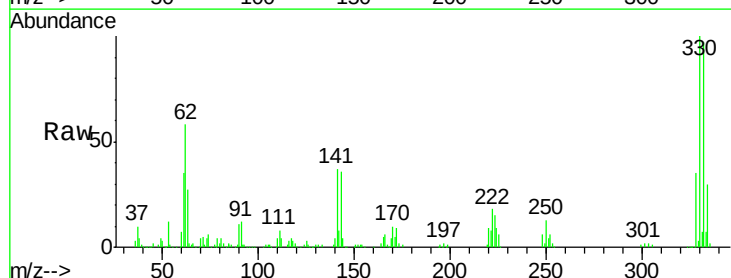
Tgt Ion:330 Resp: 223156

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

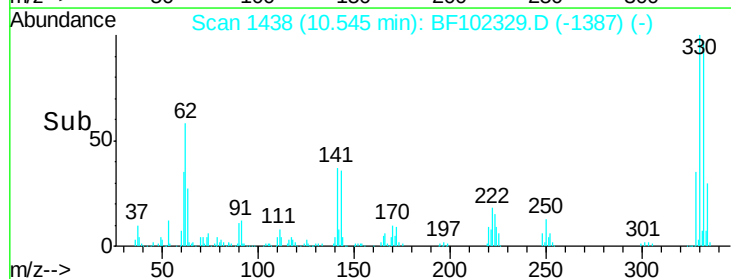
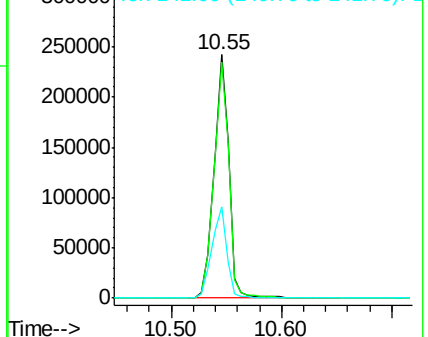
141 37.9 29.9 44.9

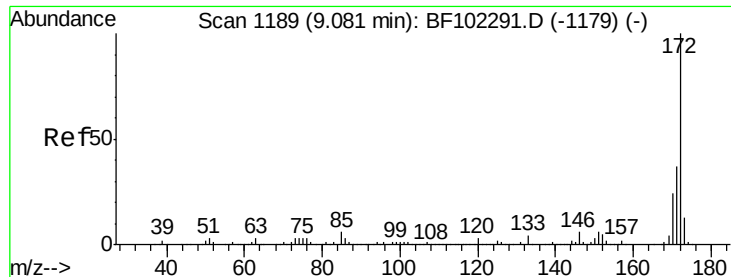


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

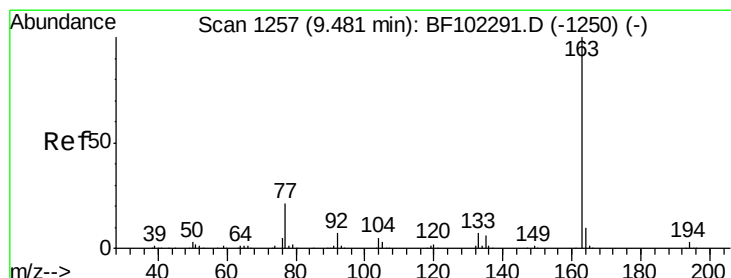
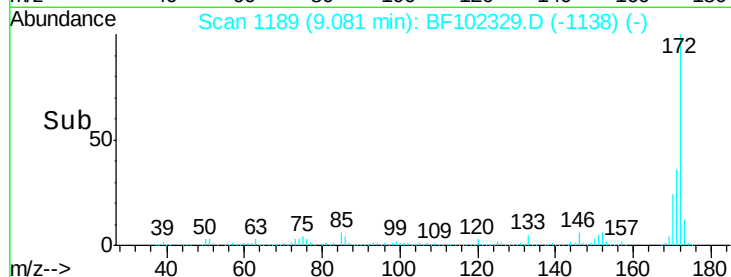
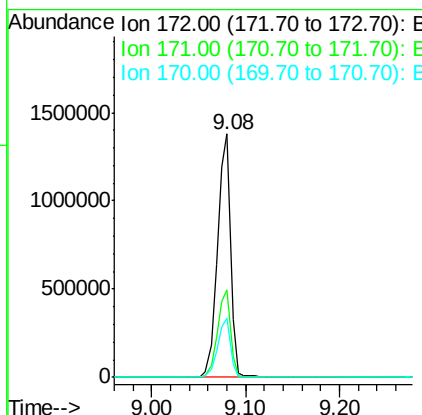
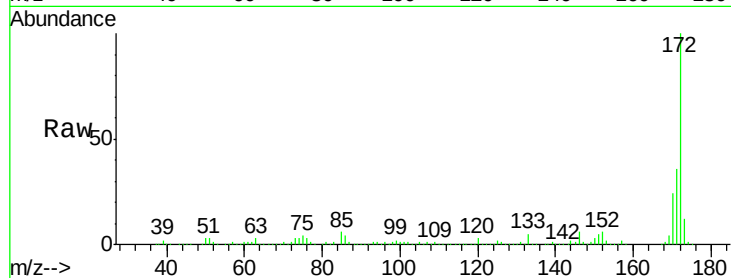




#44
2-Fluorobiphenyl
Concen: 97.696 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102329.D
Acq: 23 Jan 2018 6:57

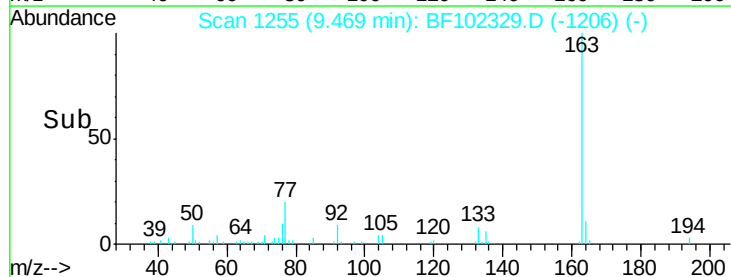
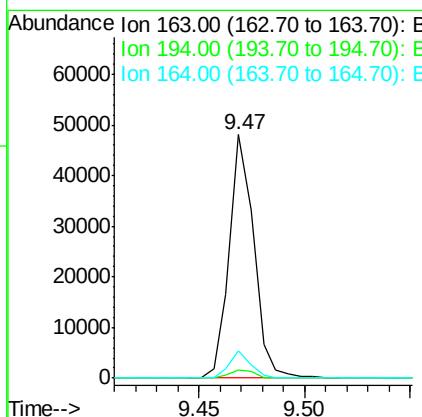
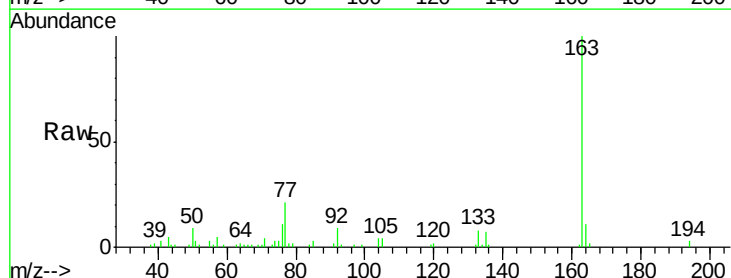
Instrument :
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OWS-5

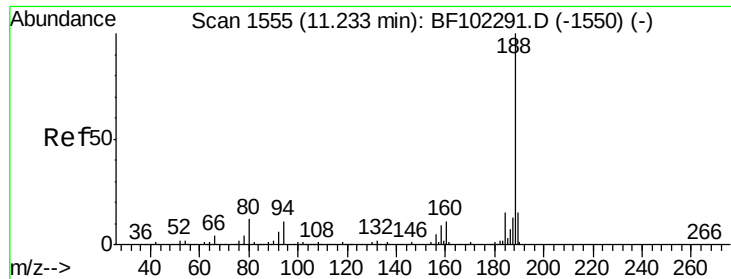
Tot Ion:172 Resp: 1357163
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 2.291 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102329.D
Acq: 23 Jan 2018 6:57

Tgt Ion:163 Resp: 38675
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.3 8.2 12.2

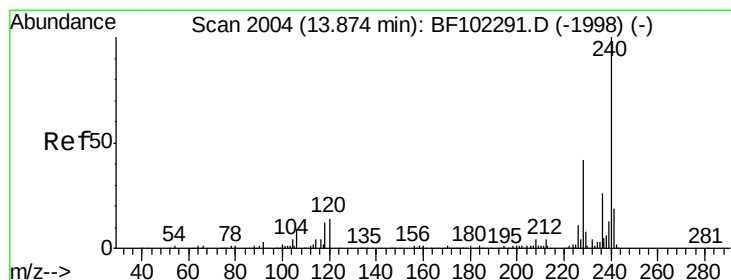
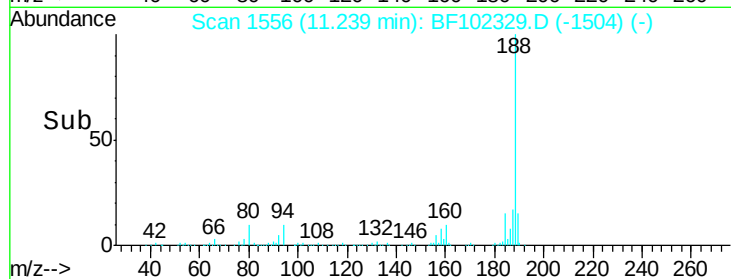
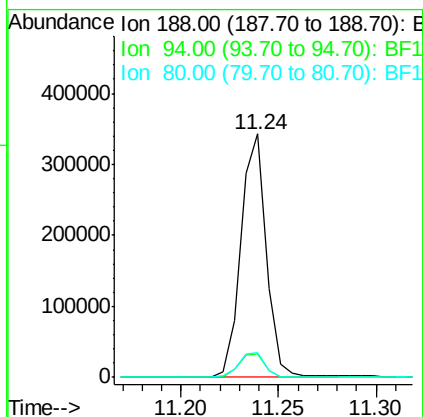
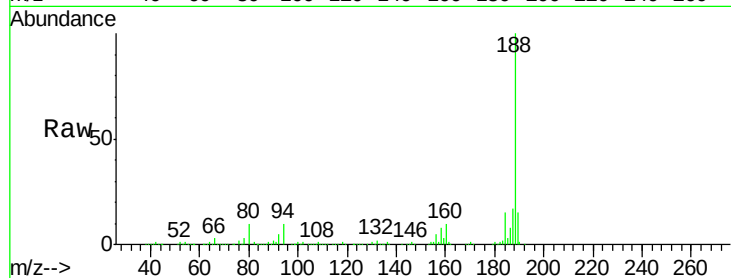




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102329.D
Acq: 23 Jan 2018 6:57

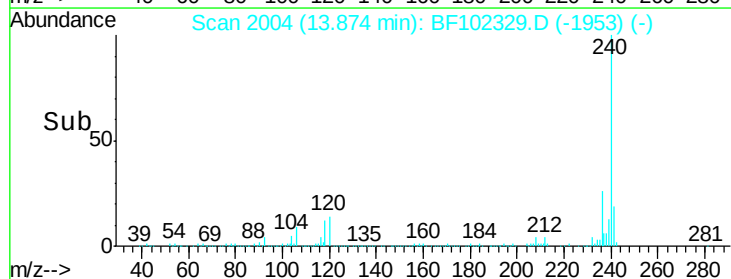
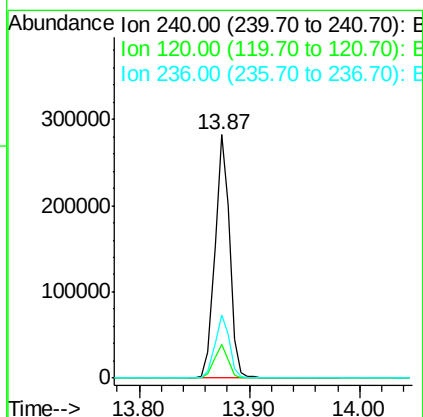
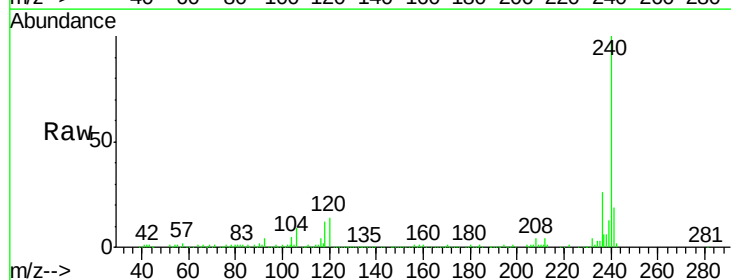
Instrument :
BNA_F
ClientSampleId :
OWS-5

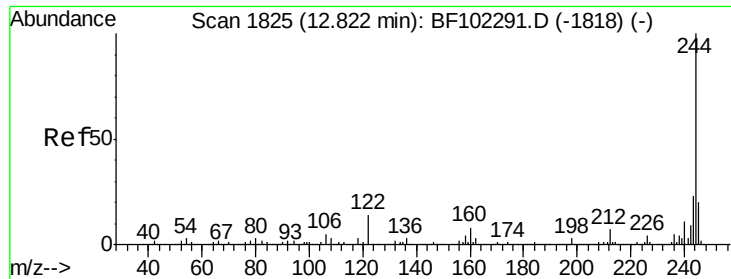
Tot Ion:188 Resp: 309003
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102329.D
Acq: 23 Jan 2018 6:57

Tgt Ion:240 Resp: 257269
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.7 20.7 31.1

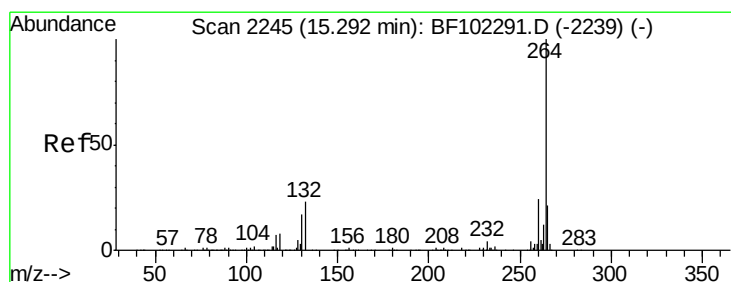
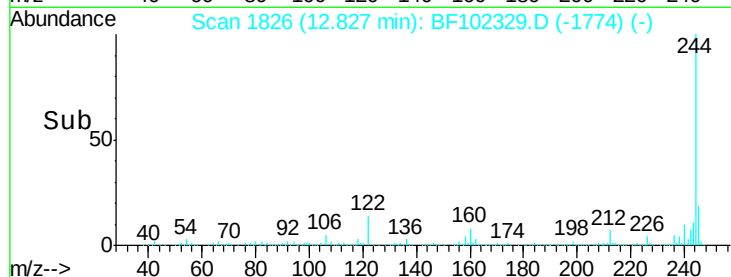
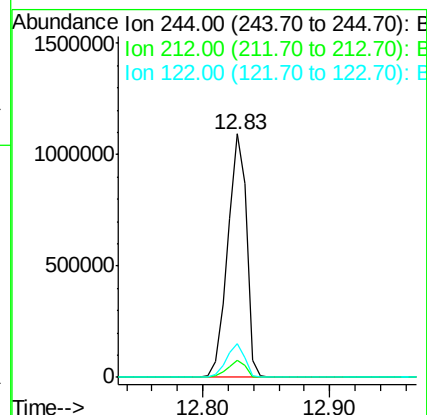
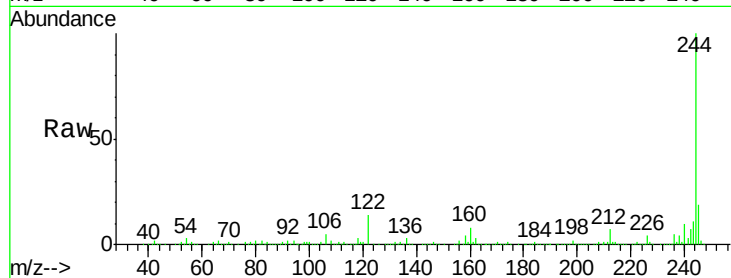




#78
 Terphenyl-d14
 Concen: 98.565 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102329.D
 Acq: 23 Jan 2018 6:57

Instrument :
 BNA_F
 ClientSampleID :
 QWS-5

Tot Ion:244 Resp: 1124825
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102329.D
 Acq: 23 Jan 2018 6:57

Tgt Ion:264 Resp: 185197
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.0 17.5 26.3

