

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100884.D
 Acq On : 27 Nov 2017 11:44
 Operator : SJ/JU
 Sample : I6574-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-5-(0-5)

Quant Time: Nov 28 06:10:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

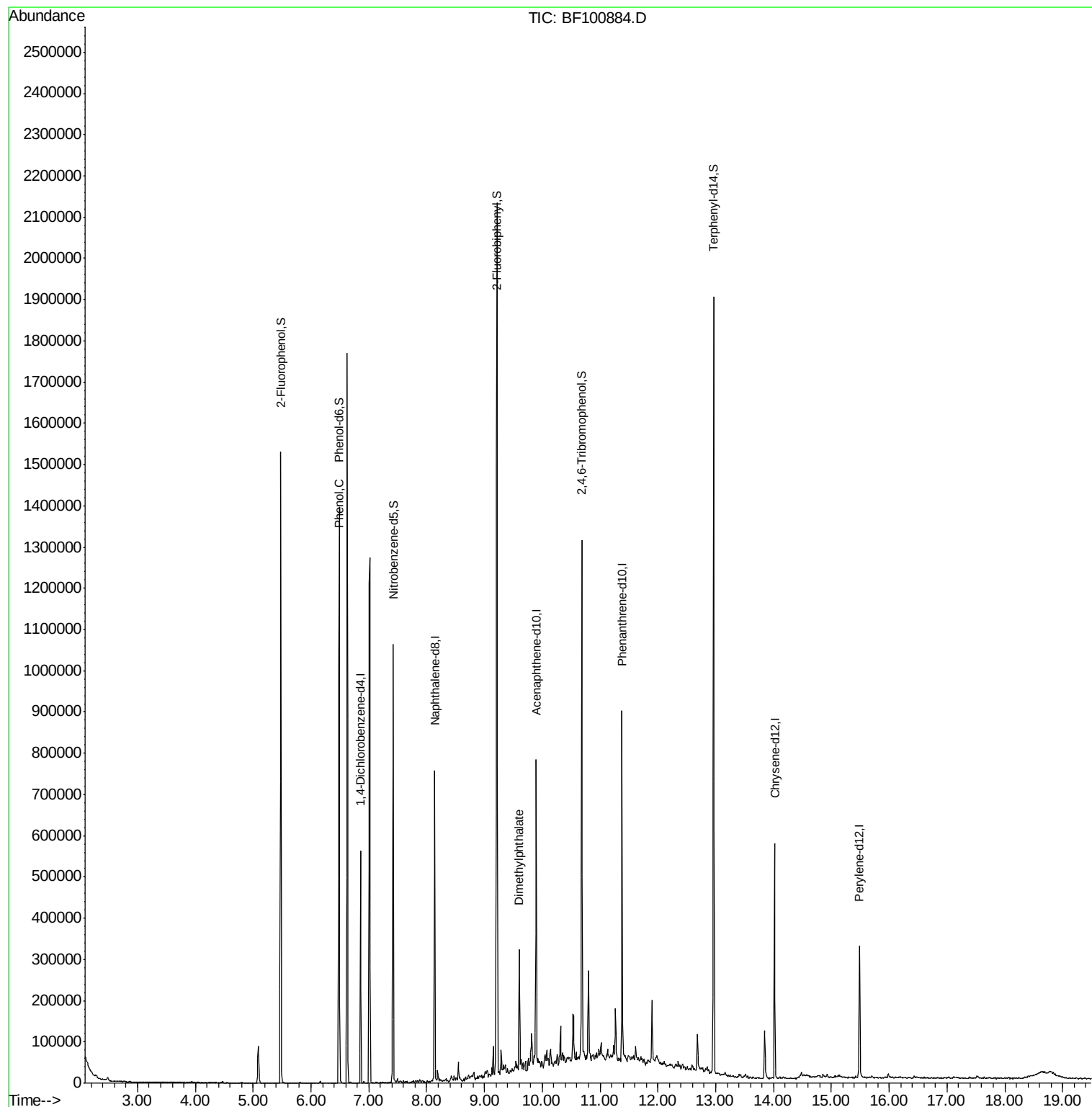
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	79047	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	315777	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	153600	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	289754	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194611	20.00	ng	0.00
86) Perylene-d12	15.49	264	160311	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	437128	88.64	ng	0.00
7) Phenol-d6	6.49	99	547065	89.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	338238	70.82	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	163756	104.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	671221	66.54	ng	0.00
78) Terphenyl-d14	12.97	244	649498	76.68	ng	0.00
Target Compounds						
10) Phenol	6.50	94	18652	2.922	ng	98
49) Dimethylphthalate	9.60	163	67687	5.772	ng	99

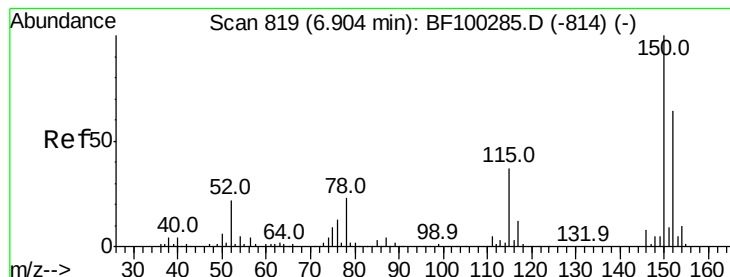
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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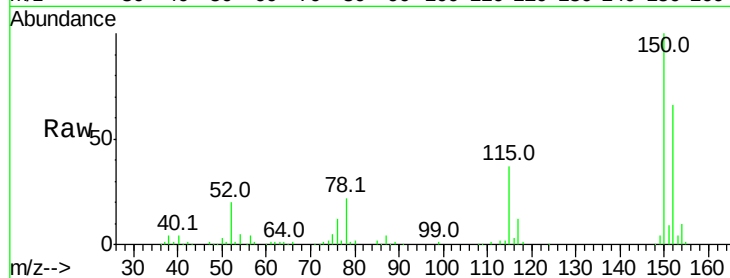


#1

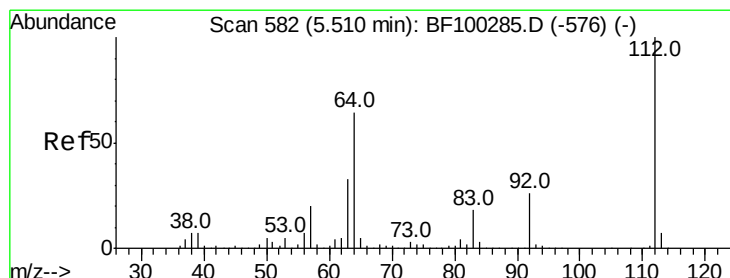
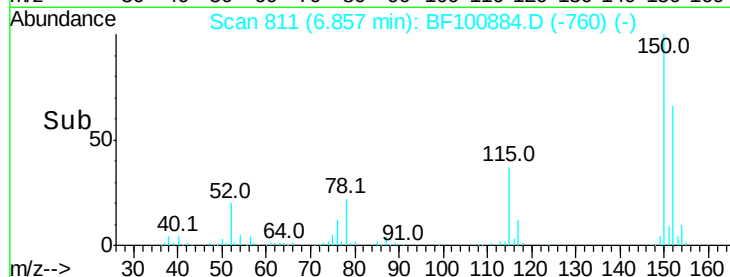
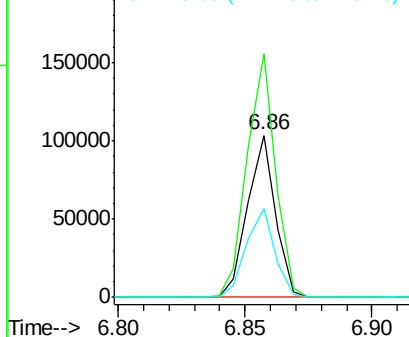
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(0-5)

Tot Ion:152 Resp: 79047
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 55.2 50.1 75.1



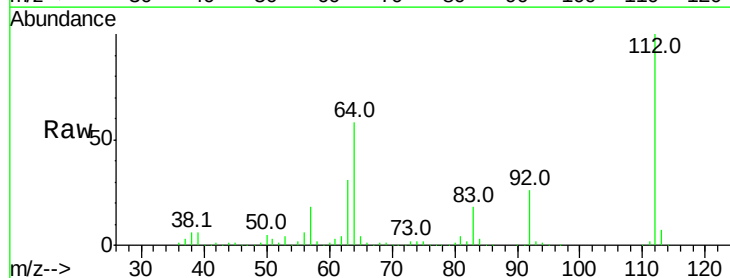
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



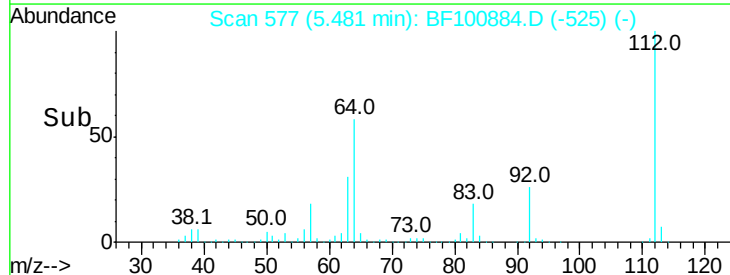
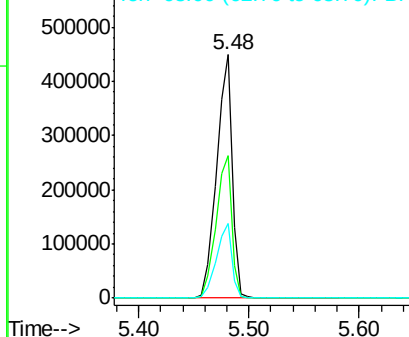
#5

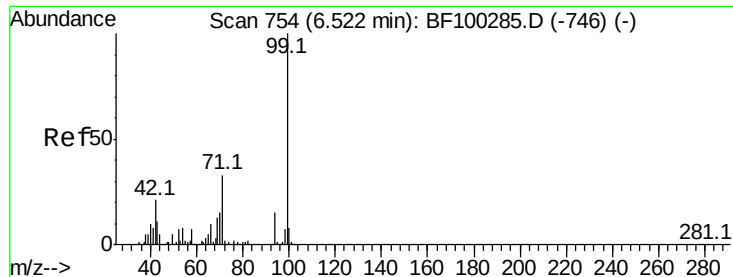
2-Fluorophenol
Concen: 88.645 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tgt Ion:112 Resp: 437128
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 30.7 23.7 35.5



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: 89.965 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

EPE-109-5-(0-5)

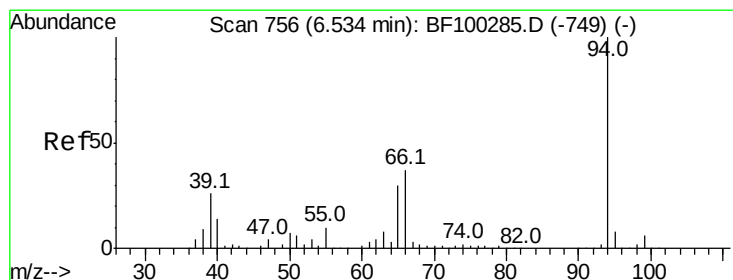
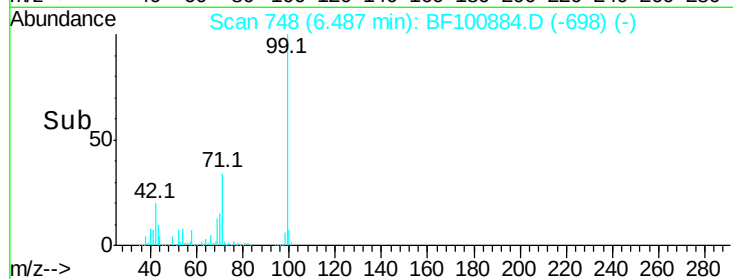
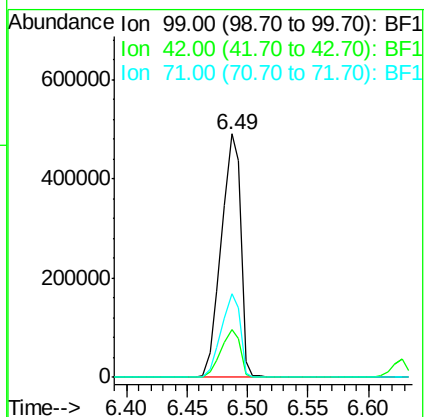
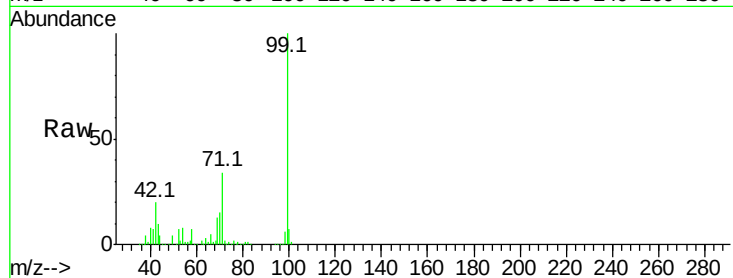
Tot Ion: 99 Resp: 547065

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.2 25.4 38.0



#10

Phenol

Concen: 2.922 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

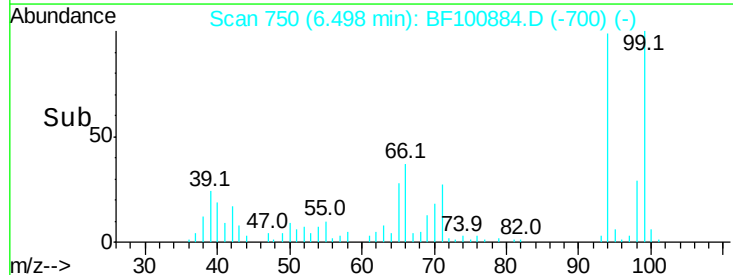
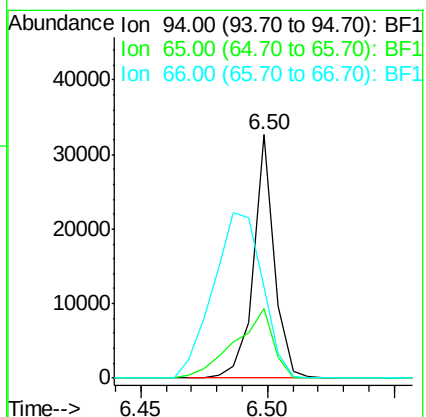
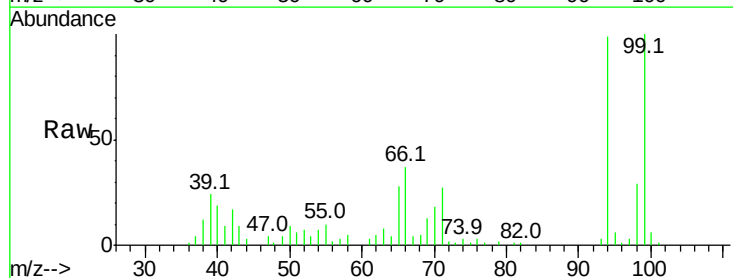
Tgt Ion: 94 Resp: 18652

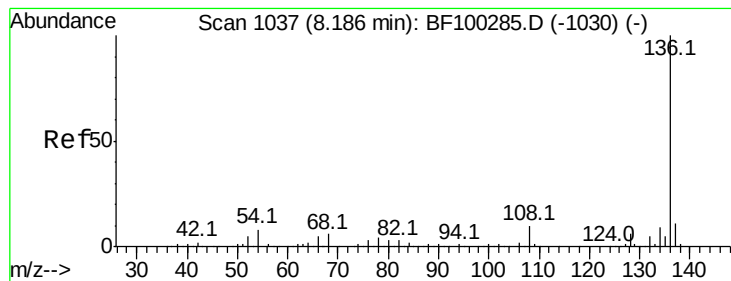
Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 37.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

EPE-109-5-(0-5)

Tot Ion:136 Resp: 315777

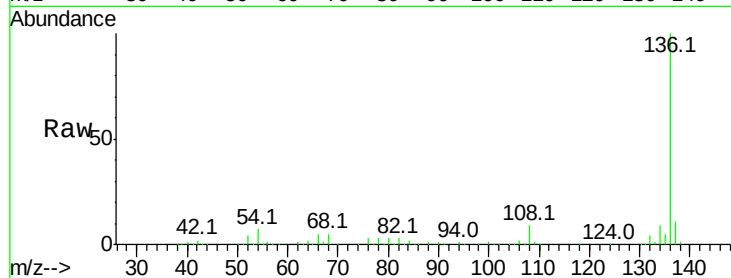
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 4.9 5.0 7.4#

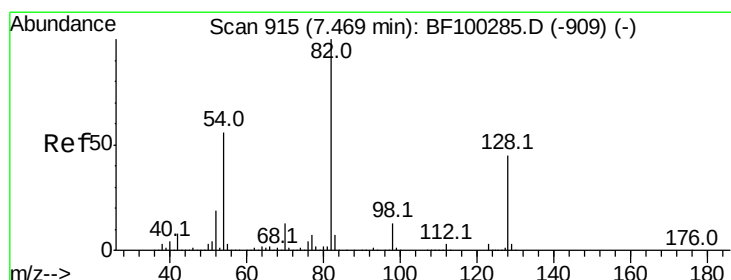
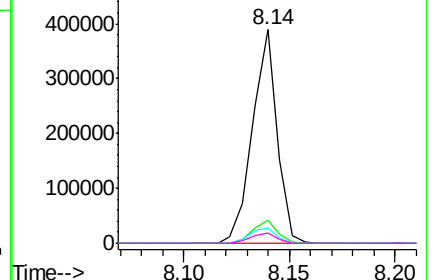
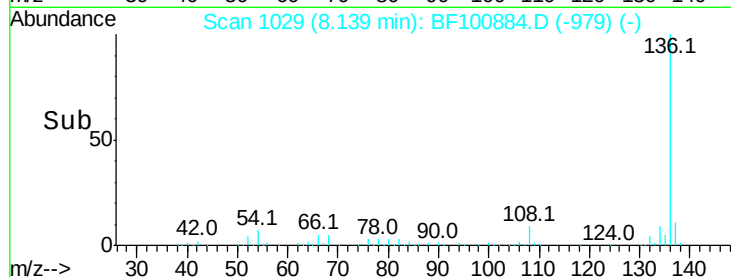


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.816 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

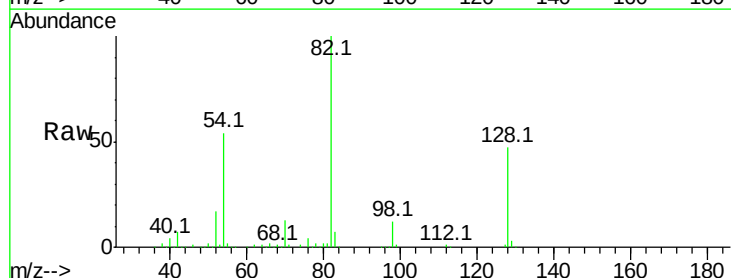
Tgt Ion: 82 Resp: 338238

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

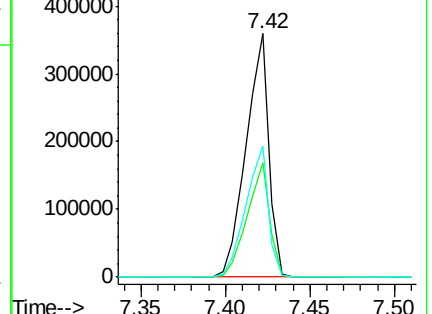
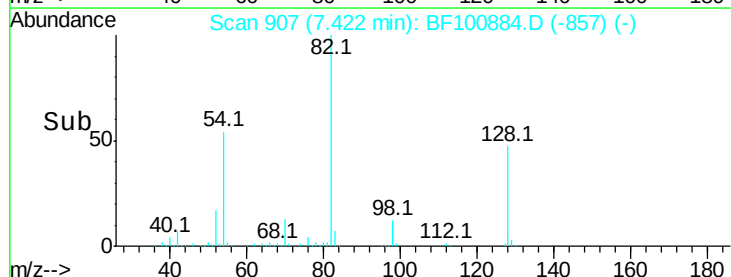
54 53.7 41.4 62.2

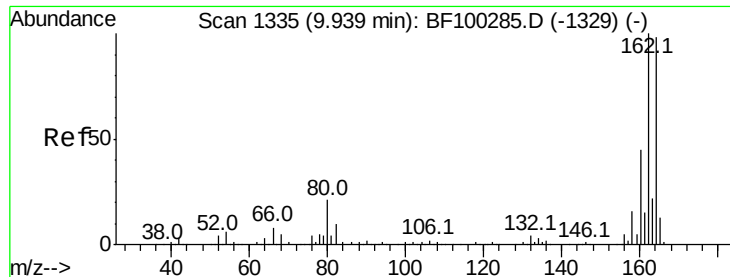


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

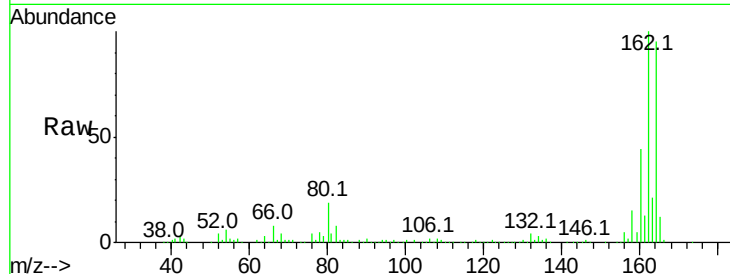




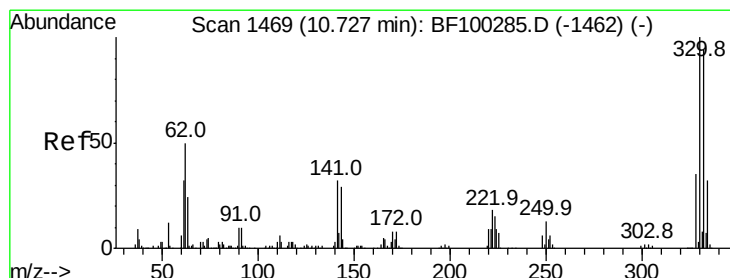
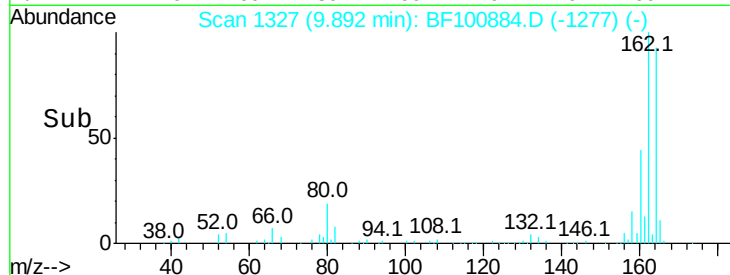
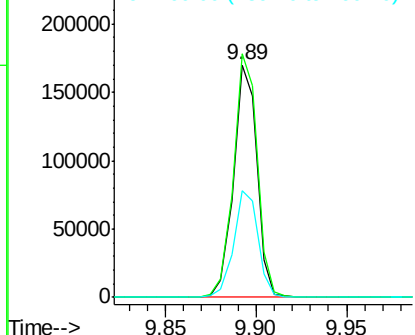
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Instrument :
BNA_F
ClientSampleId :
EPE-109-5-(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.7	38.3	57.5

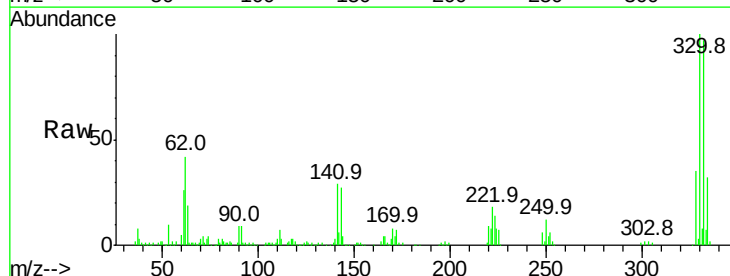


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

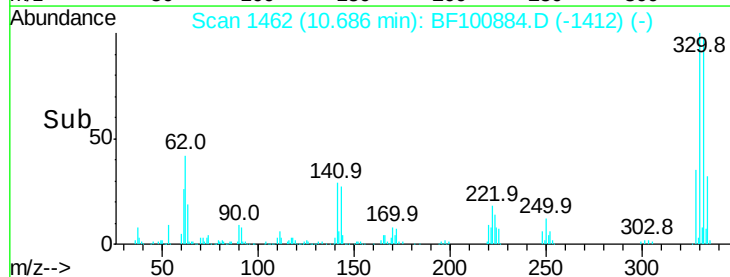
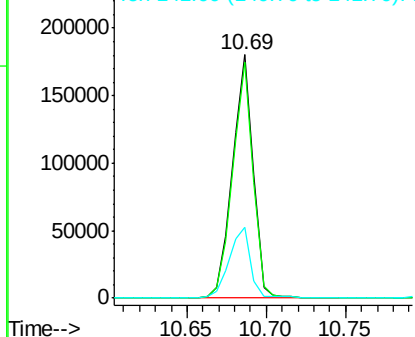


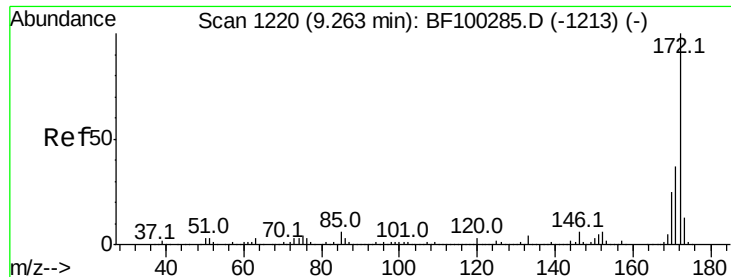
#41
2,4,6-Tribromophenol
Concen: 104.624 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	30.6	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

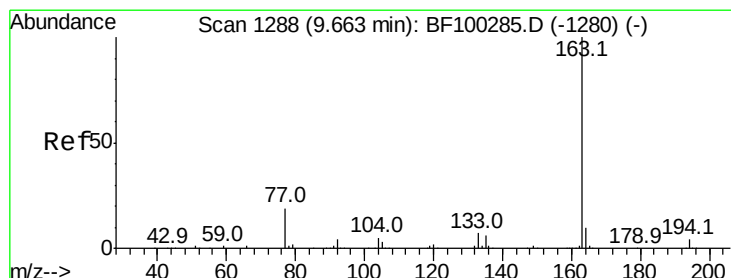
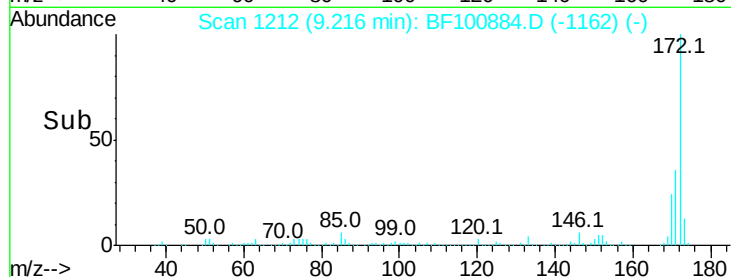
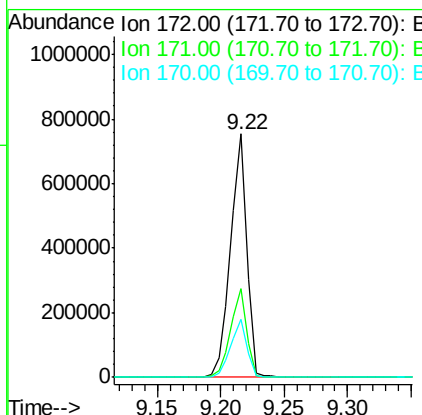
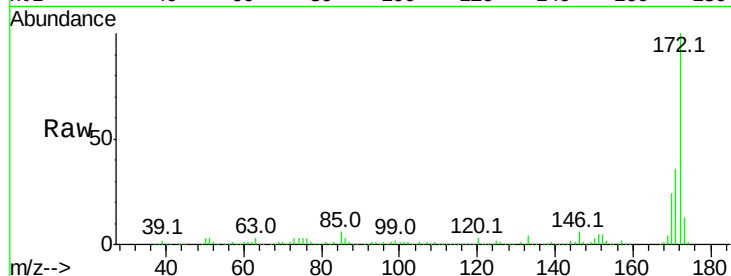




#44
2-Fluorobiphenyl
Concen: 66.541 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

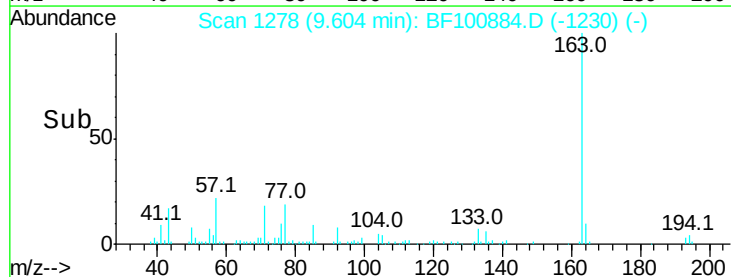
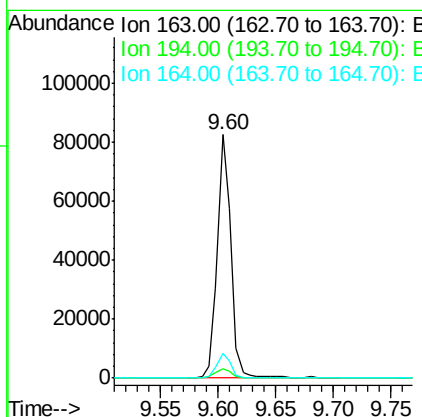
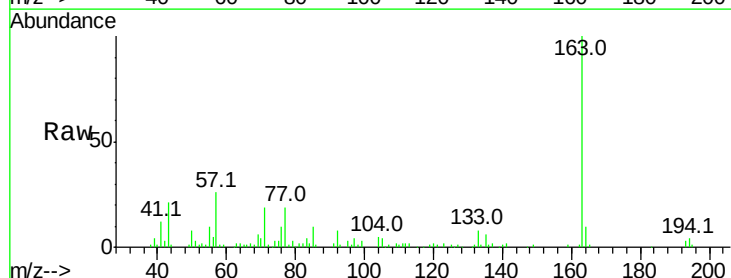
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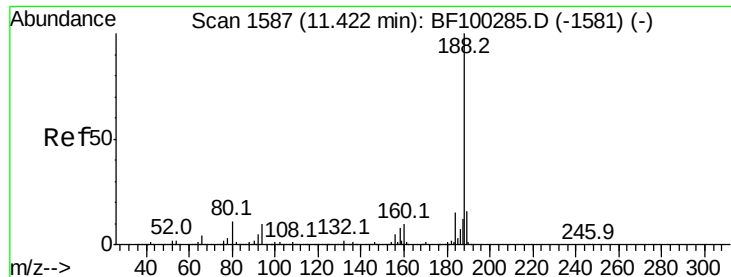
Tot Ion:172 Resp: 671221
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 5.772 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tgt Ion:163 Resp: 67687
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2

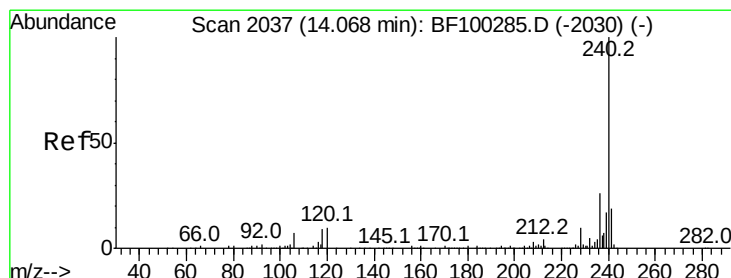
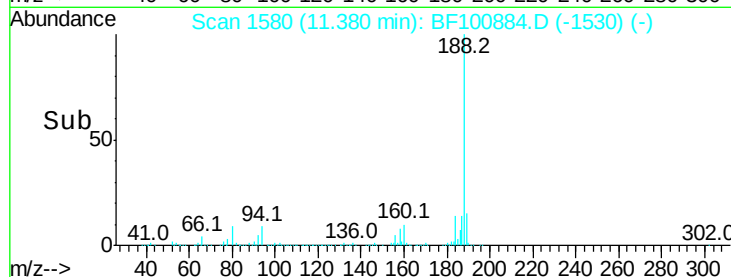
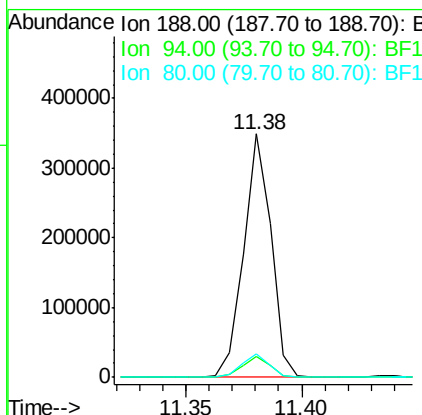
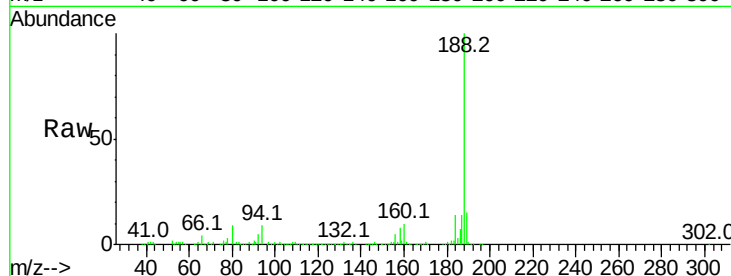




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

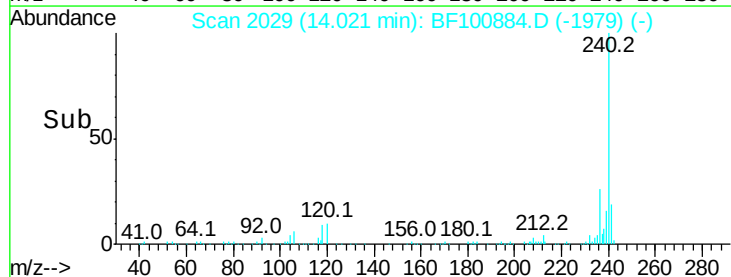
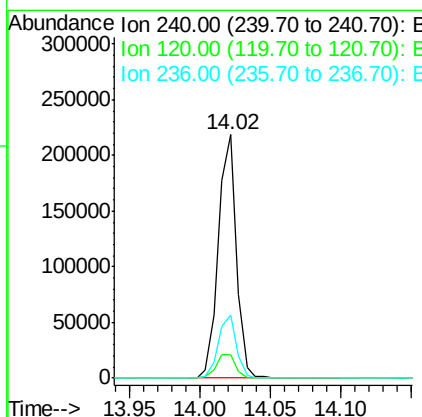
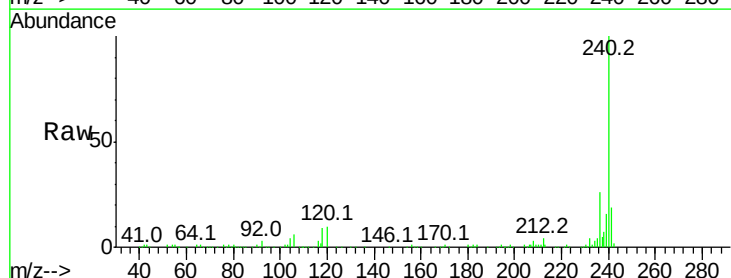
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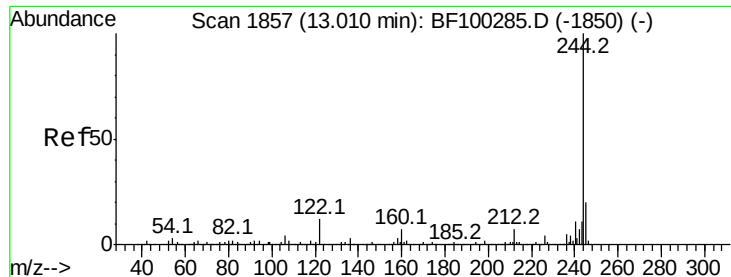
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.1	20.7	31.1

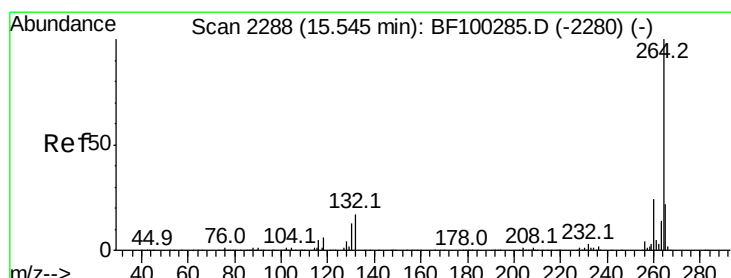
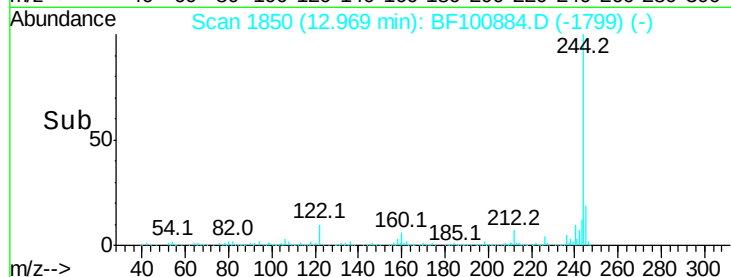
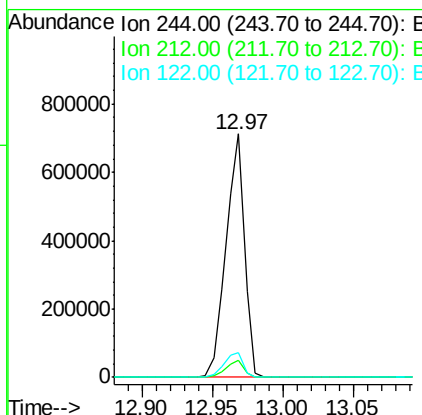
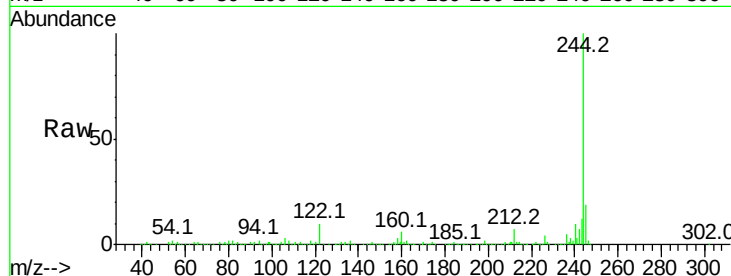




#78
 Terphenyl-d14
 Concen: 76.684 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-5-(0-5)

Tot Ion:244 Resp: 649498
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Tgt Ion:264 Resp: 160311
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.5 26.3

