

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103711.D
 Acq On : 16 Mar 2018 22:00
 Operator : JU/SJ
 Sample : J1750-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Quant Time: Mar 17 03:30:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

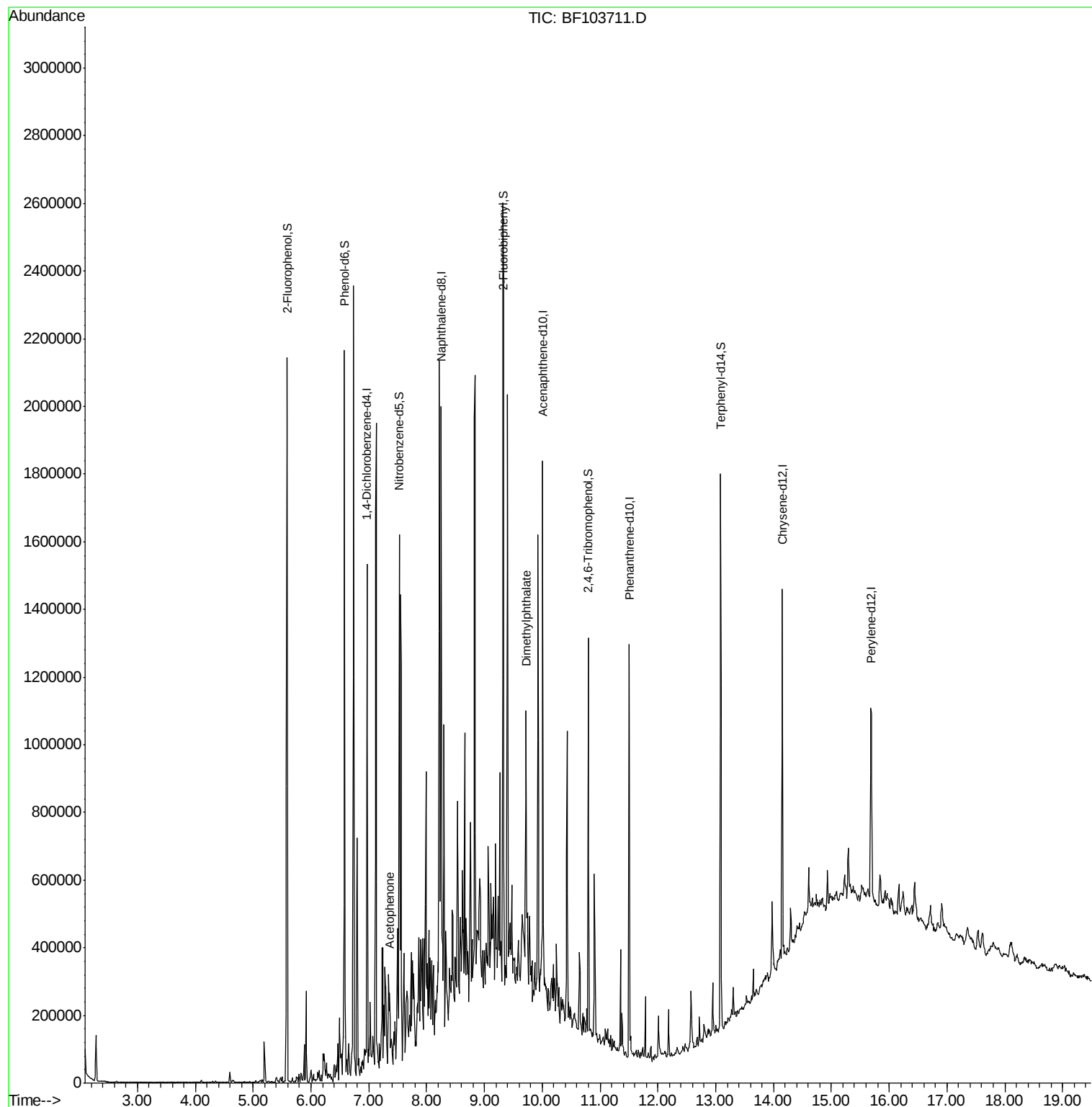
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173387	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	689677	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	293332	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	429468	20.00	ng	0.00
75) Chrysene-d12	14.15	240	339352	20.00	ng	0.00
86) Perylene-d12	15.69	264	255037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	611325	53.63	ng	0.00
7) Phenol-d6	6.58	99	750397	53.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	424102	42.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	122969	48.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	712184	38.73	ng	0.00
78) Terphenyl-d14	13.09	244	499455	34.16	ng	0.00
Target Compounds						
22) Acetophenone	7.36	105	45692	2.578	ng	# 59
49) Dimethylphthalate	9.72	163	67618	3.021	ng	# 98

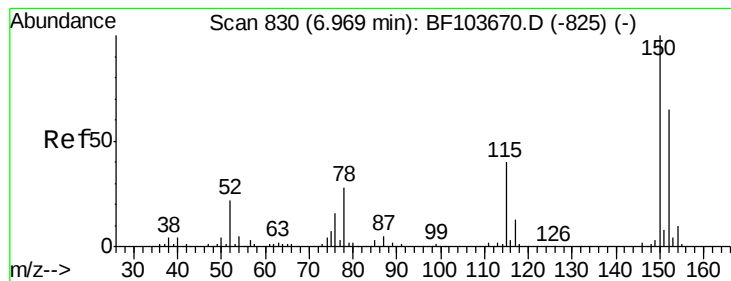
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

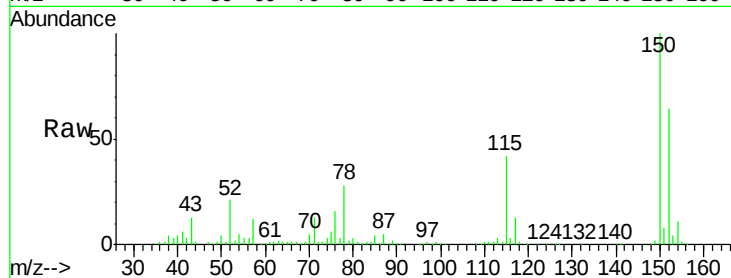
Tot Ion:152 Resp: 173387

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

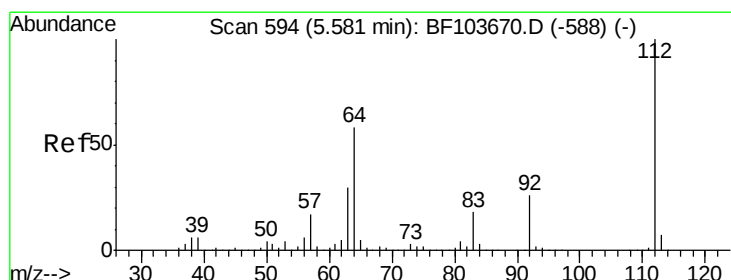
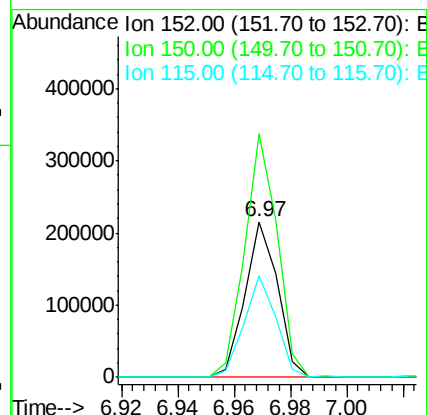
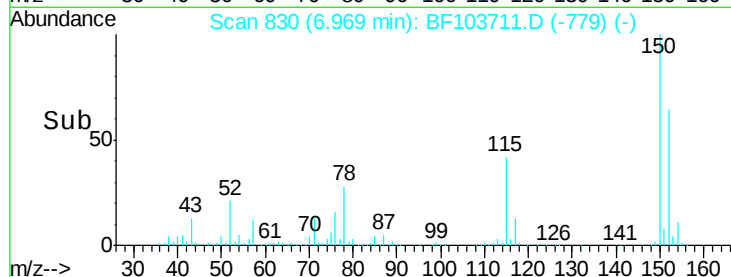
115 65.3 50.1 75.1



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: 53.627 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

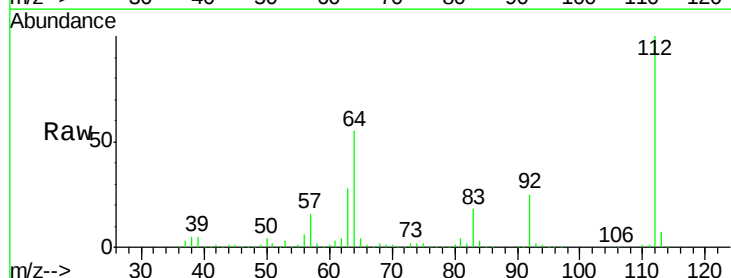
Tgt Ion:112 Resp: 611325

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

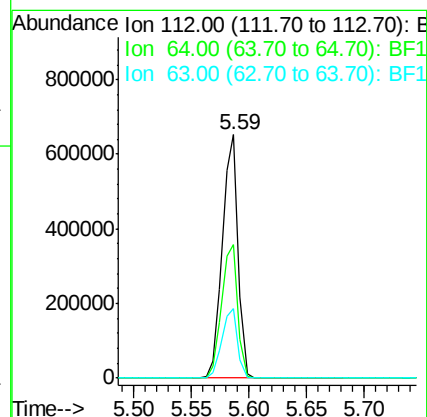
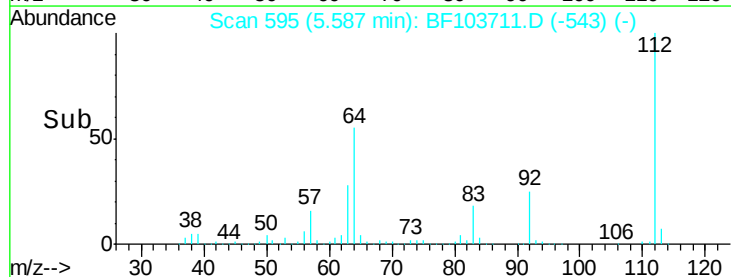
63 28.4 23.7 35.5

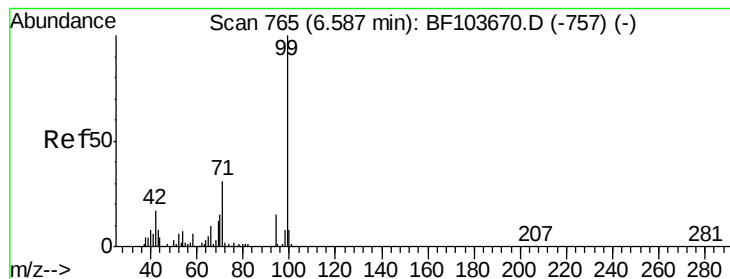


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 53.805 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

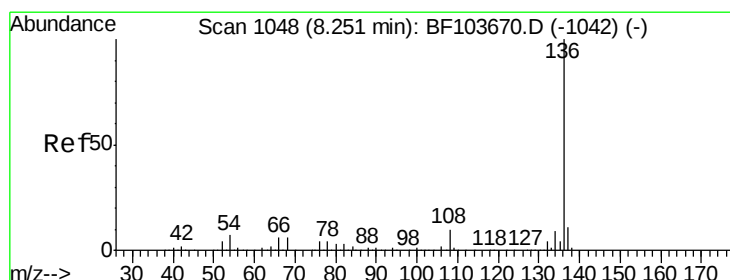
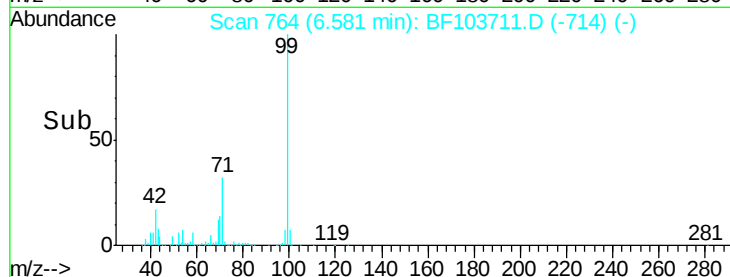
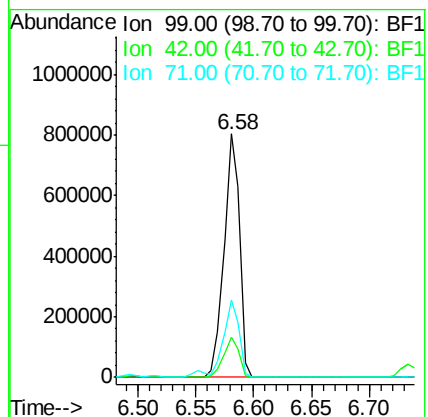
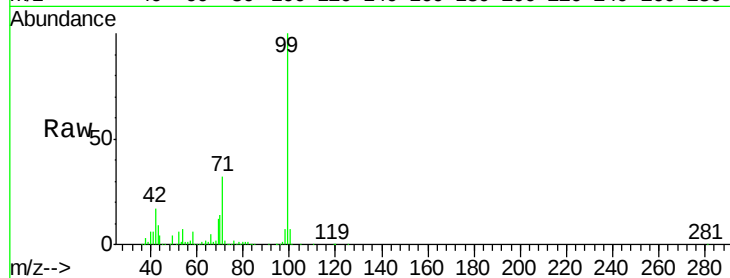
Tot Ion: 99 Resp: 750397

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 31.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Tgt Ion: 136 Resp: 689677

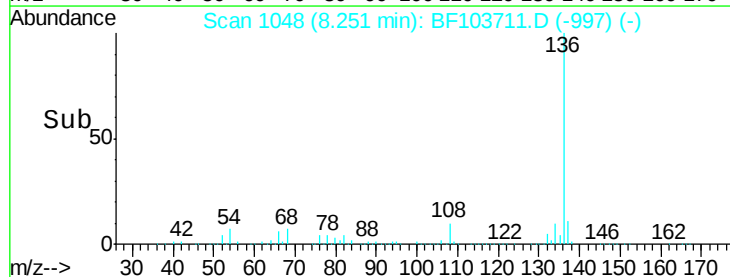
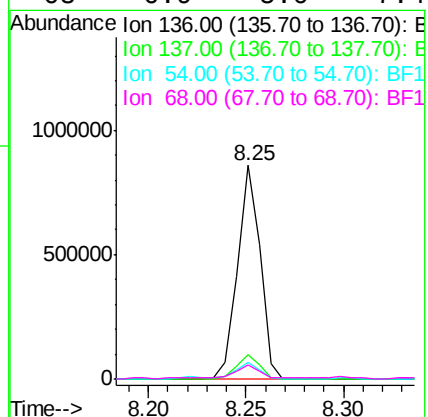
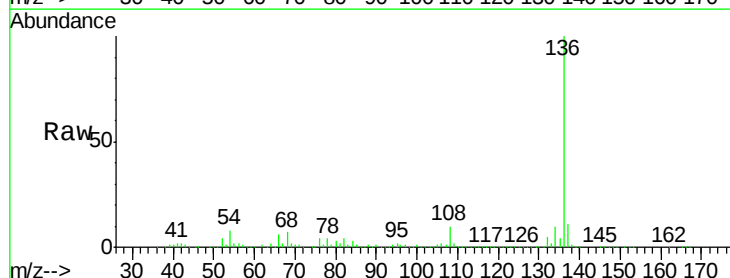
Ion Ratio Lower Upper

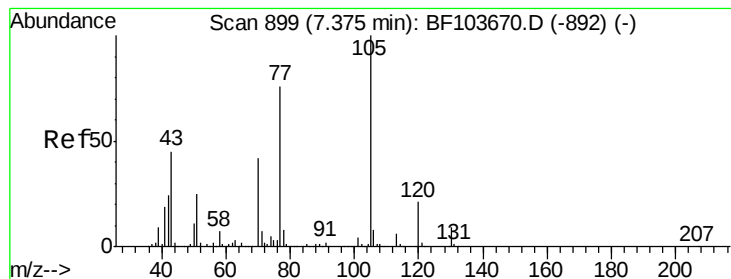
136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.9 5.0 7.4





#22

Acetophenone

Concen: 2.578 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

Tot Ion:105 Resp: 45692

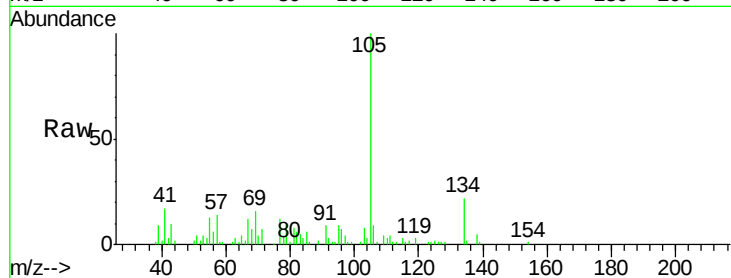
Ion Ratio Lower Upper

105 100

71 6.7 4.4 6.6#

51 4.3 22.3 33.5#

120 0.0 16.9 25.3#

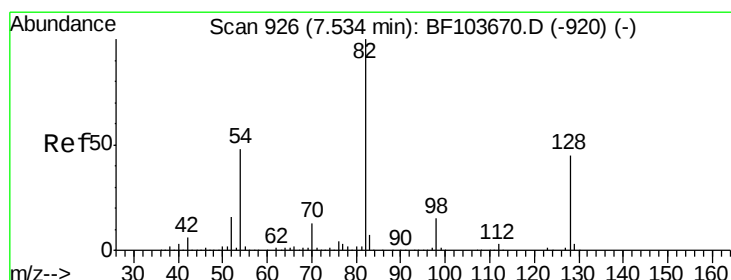
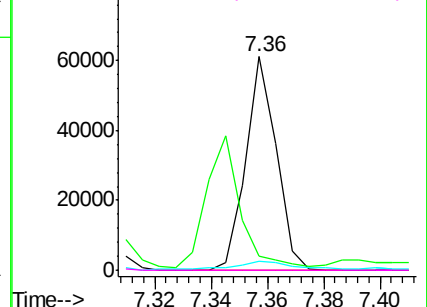
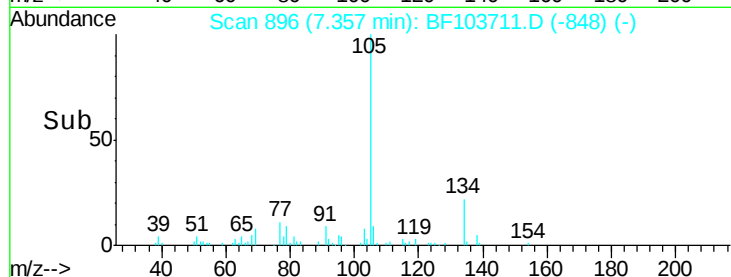


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 42.883 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

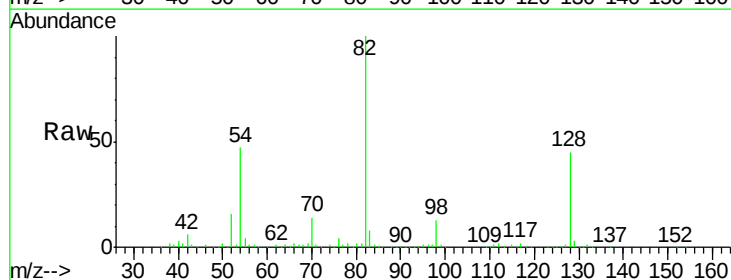
Tgt Ion: 82 Resp: 424102

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

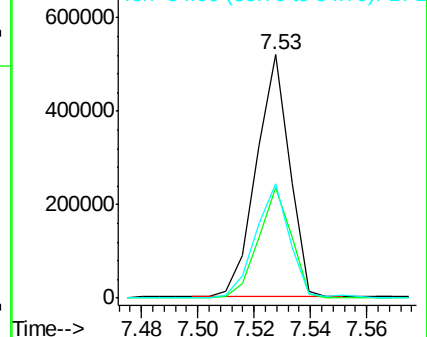
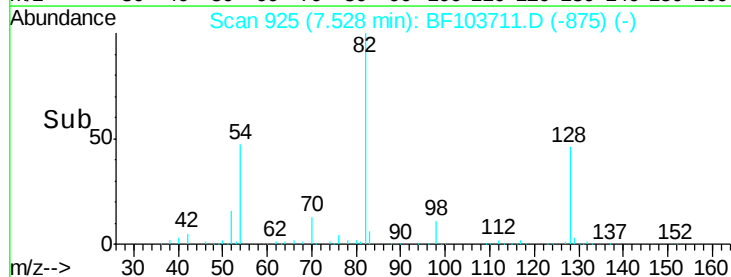
54 47.0 41.4 62.2

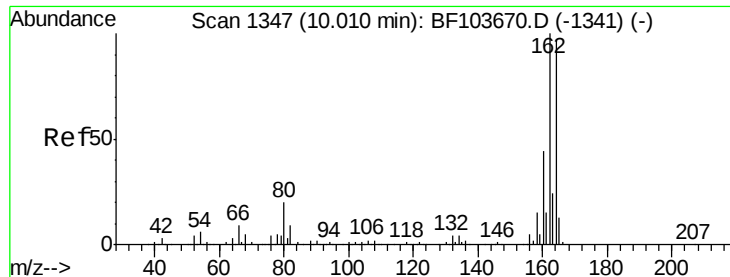


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

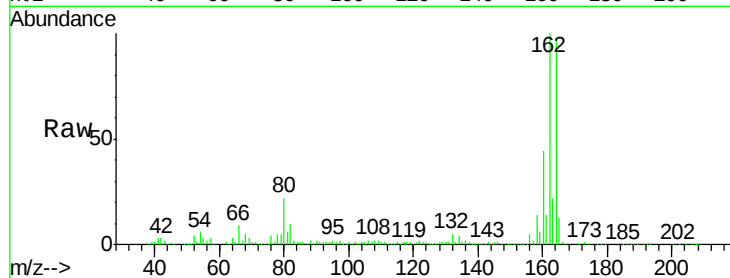
Tot Ion:164 Resp: 293332

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

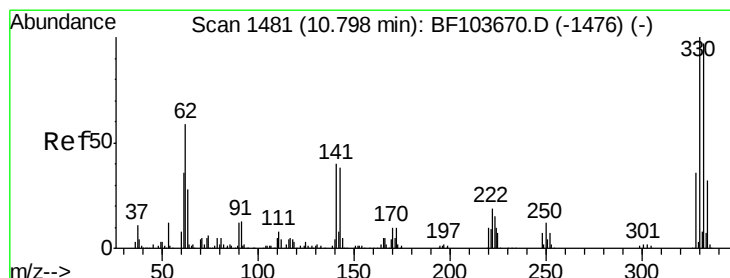
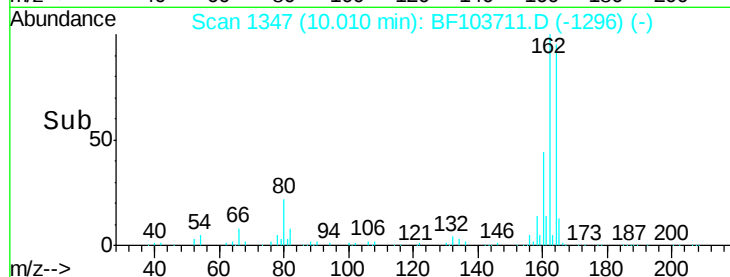
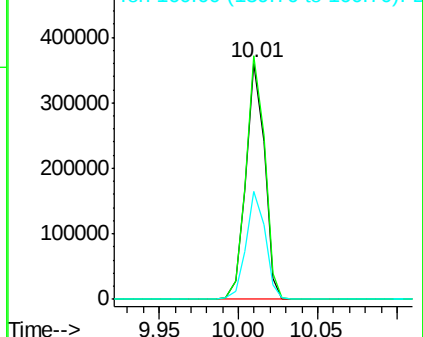
160 45.4 38.3 57.5



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: 48.757 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

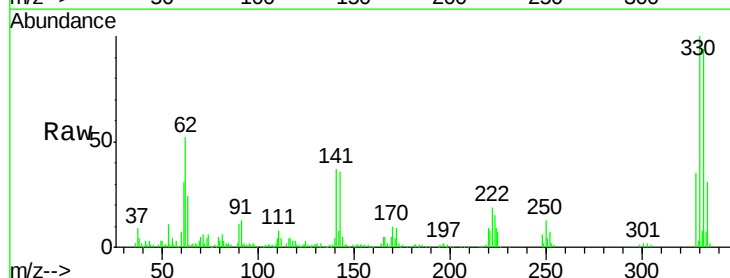
Tgt Ion:330 Resp: 122969

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

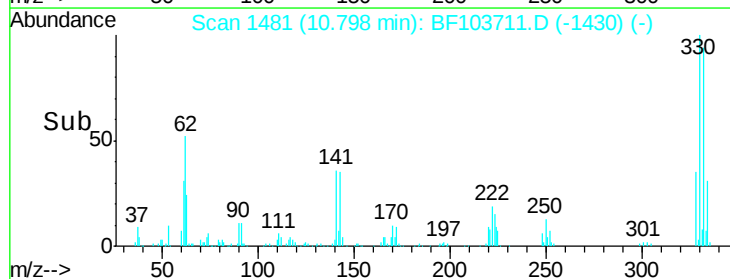
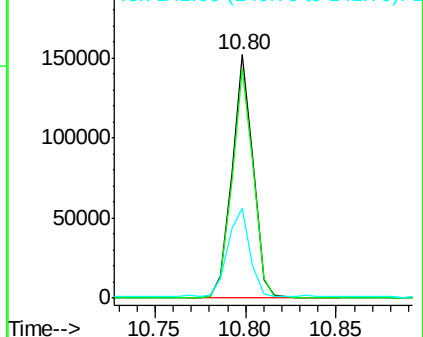
141 37.6 29.9 44.9

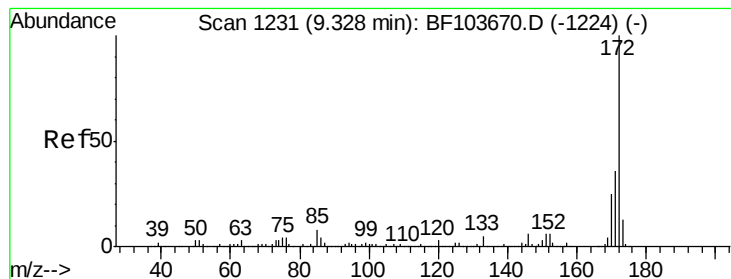


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 38.729 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

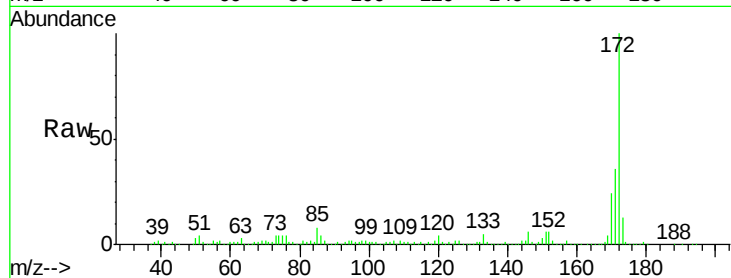
Tot Ion:172 Resp: 712184

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

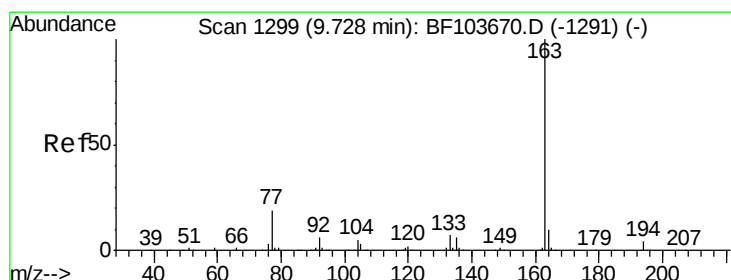
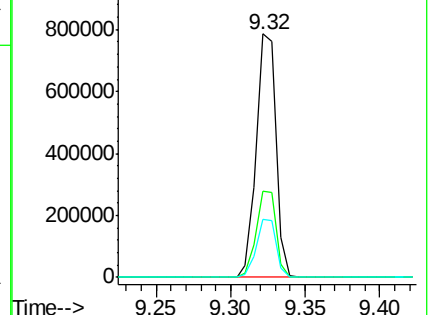
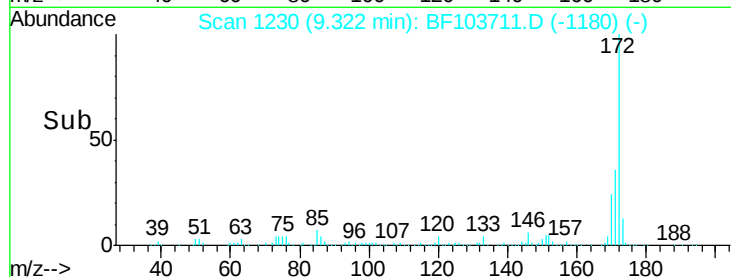
170 23.7 19.6 29.4



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: 3.021 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103711.D

Acq: 16 Mar 2018 22:00

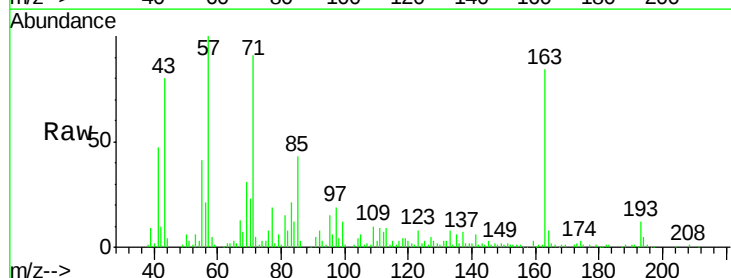
Tgt Ion:163 Resp: 67618

Ion Ratio Lower Upper

163 100

194 6.0 2.7 4.1#

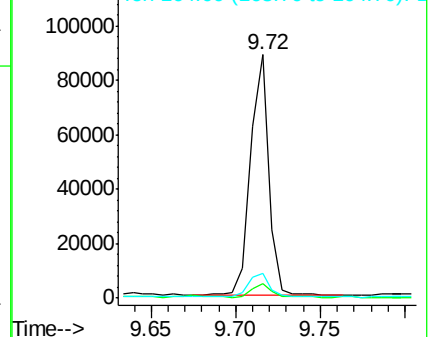
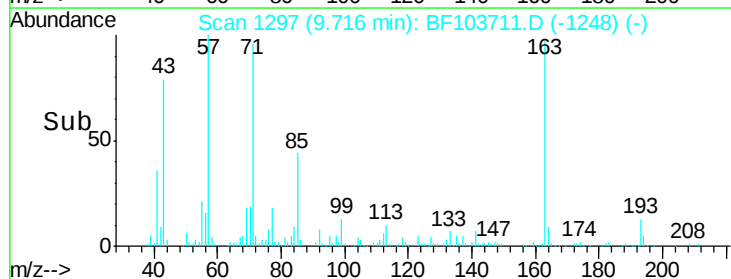
164 10.1 8.2 12.2

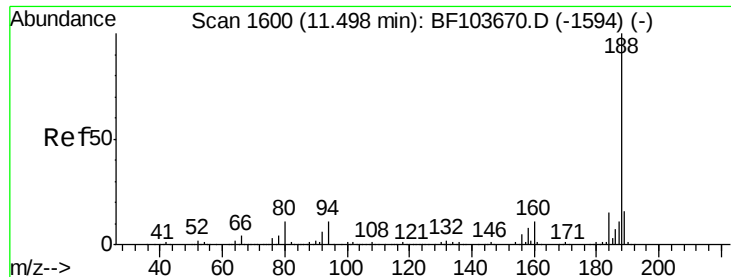


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

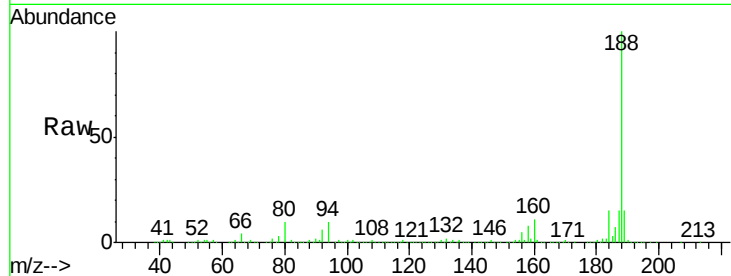




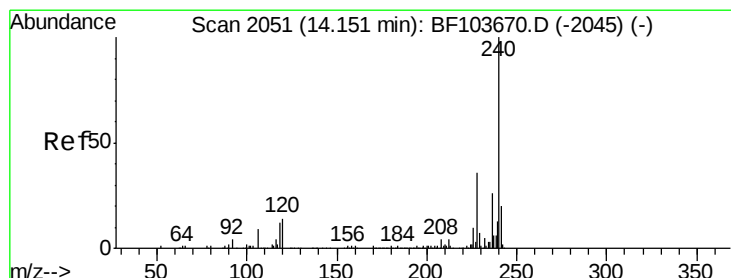
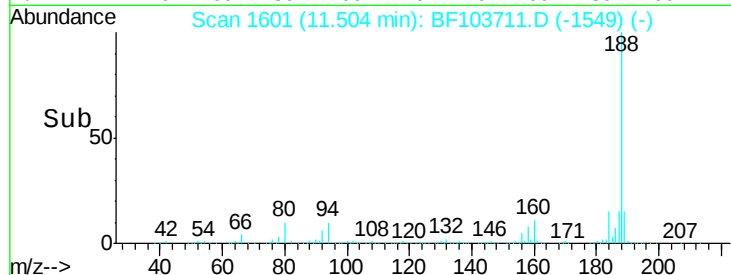
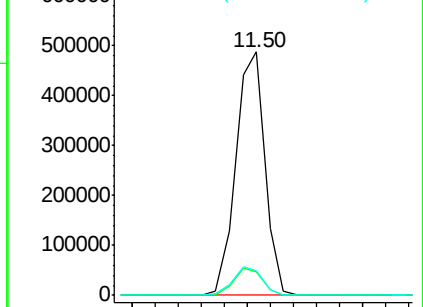
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Tot Ion:188 Resp: 429468
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 9.2 13.8

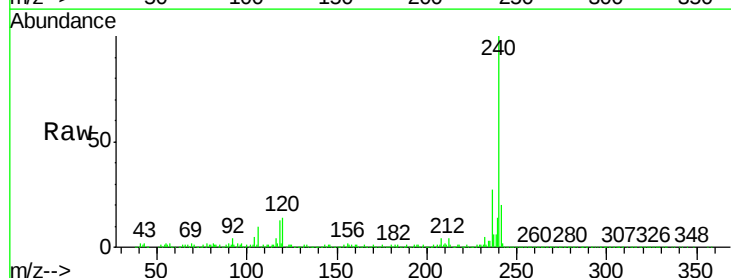


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

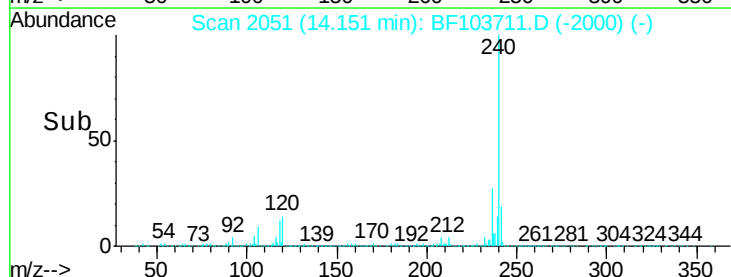
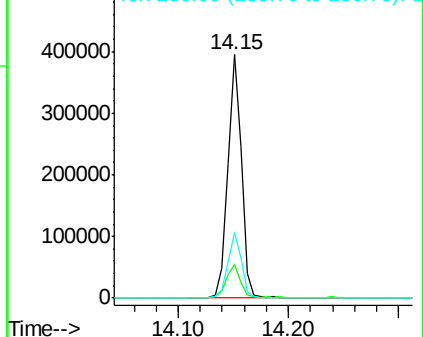


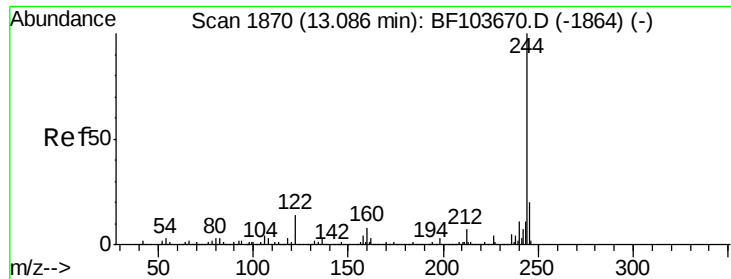
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:240 Resp: 339352
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.7 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

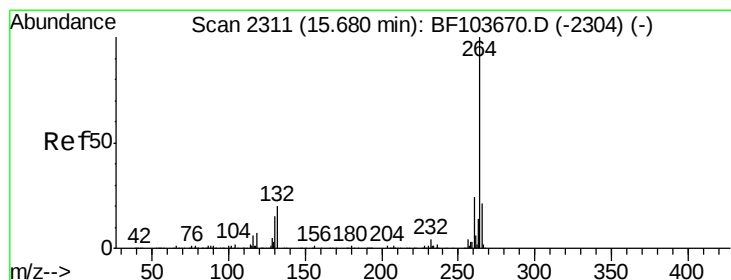
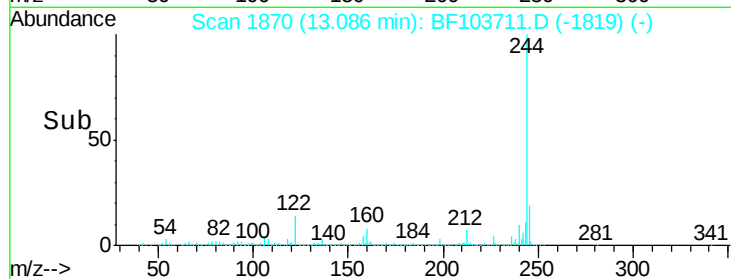
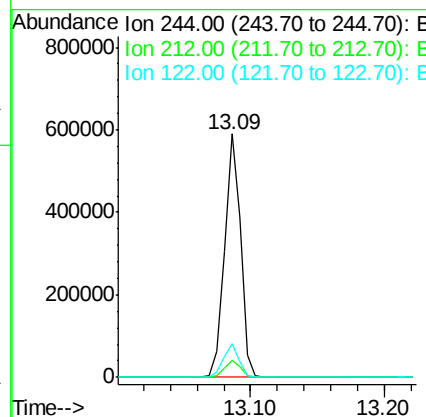
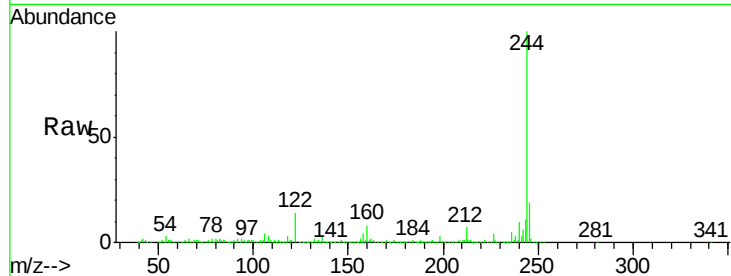




#78
 Terphenyl-d14
 Concen: 34.162 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103711.D
 Acq: 16 Mar 2018 22:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: BF103711.D
 Acq: 16 Mar 2018 22:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3

