

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109708.D
 Acq On : 9 Oct 2018 21:23
 Operator : JU/SJ
 Sample : J5326-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Quant Time: Oct 10 04:49:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

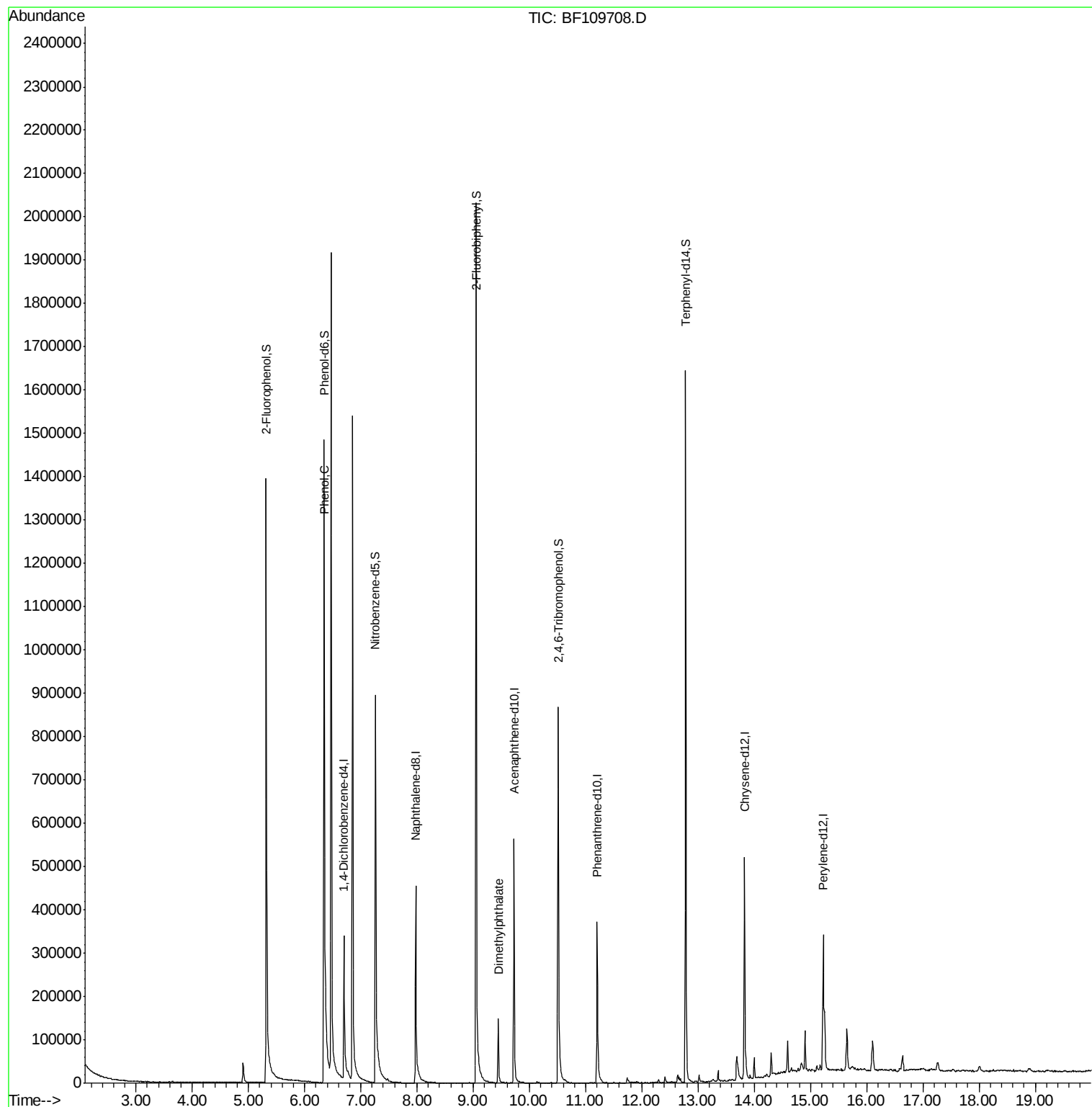
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78868	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	301405	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	123403	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	213195	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210642	20.00	ng	0.00
86) Perylene-d12	15.23	264	174028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	548662	123.48	ng	0.00
7) Phenol-d6	6.35	99	752078	126.71	ng	-0.01
23) Nitrobenzene-d5	7.26	82	471322	86.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	147438	109.65	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	764574	85.33	ng	0.00
78) Terphenyl-d14	12.78	244	595598	54.74	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26554	3.901	ng	86
49) Dimethylphthalate	9.45	163	76986	8.506	ng	99

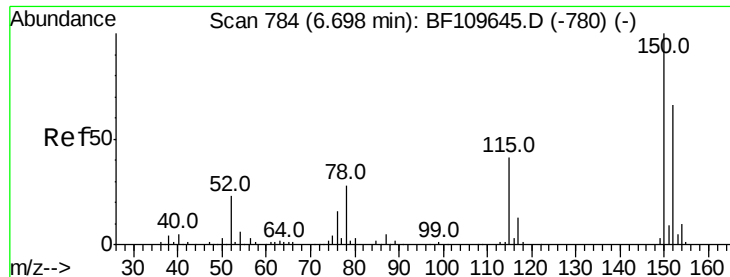
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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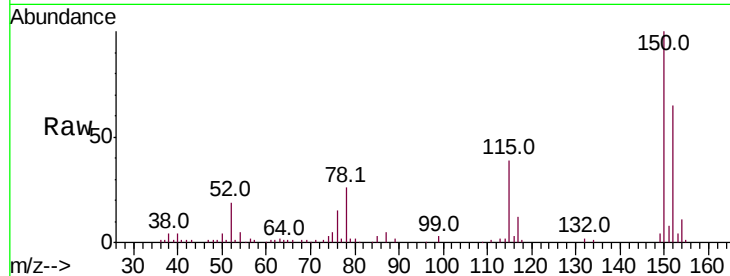


#1

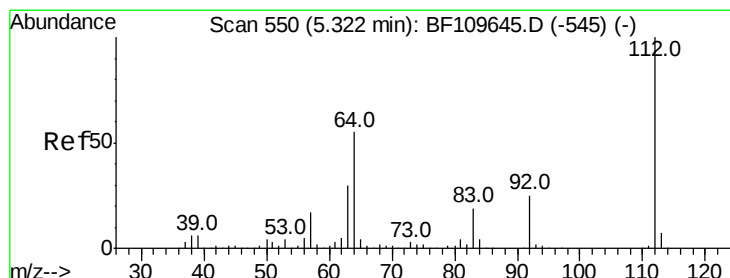
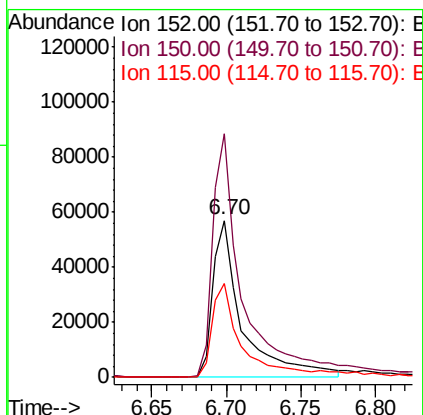
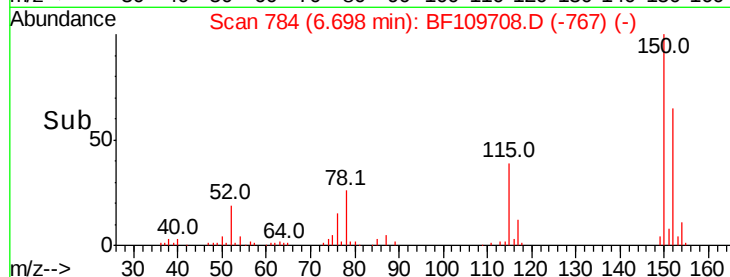
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tot Ion:152 Resp: 78868
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.7 184.1
 115 60.0 49.1 73.7



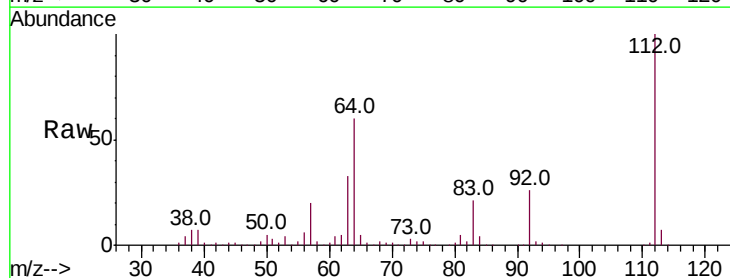
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



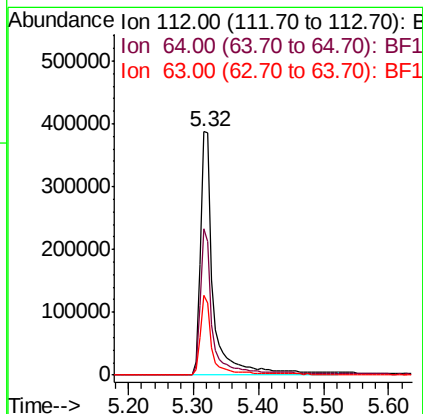
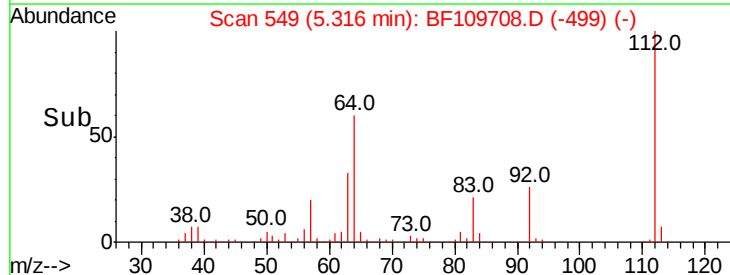
#5

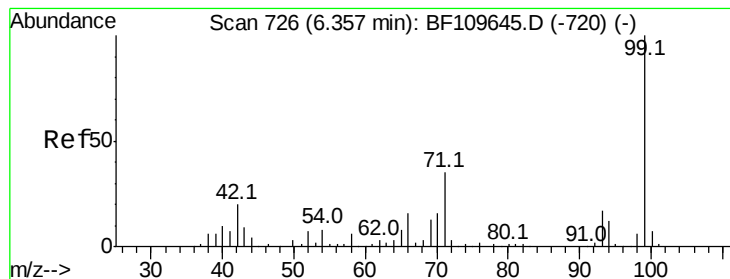
2-Fluorophenol
 Concen: 123.484 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:112 Resp: 548662
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 32.9 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: 126.706 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

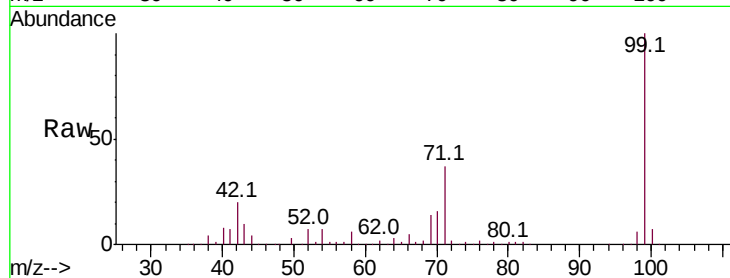
Tot Ion: 99 Resp: 752078

Ion Ratio Lower Upper

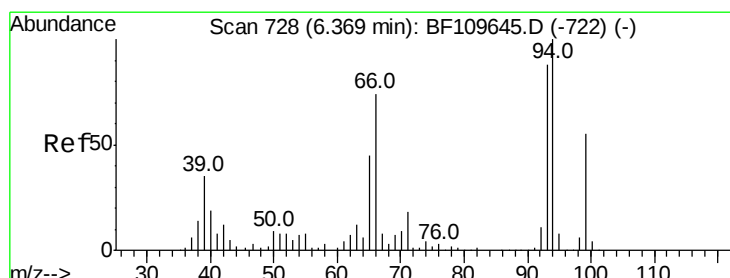
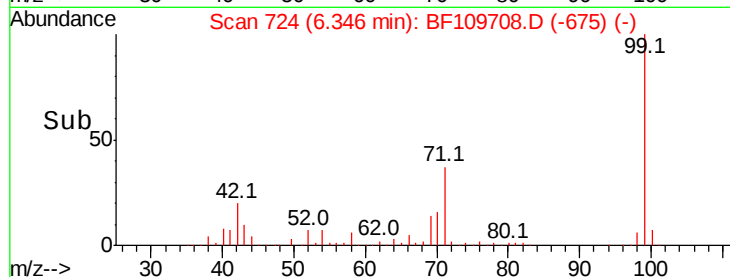
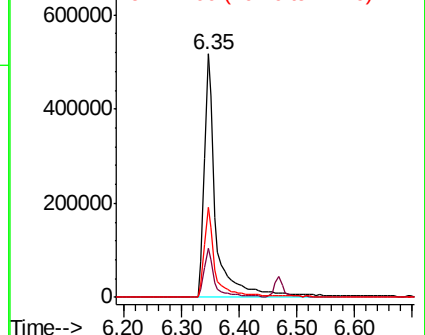
99 100

42 19.9 15.8 23.6

71 37.2 28.0 42.0



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: 3.901 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

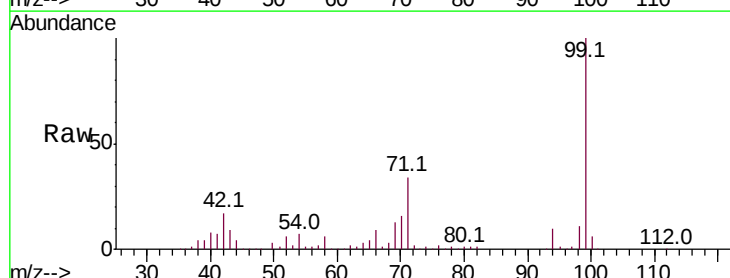
Tgt Ion: 94 Resp: 26554

Ion Ratio Lower Upper

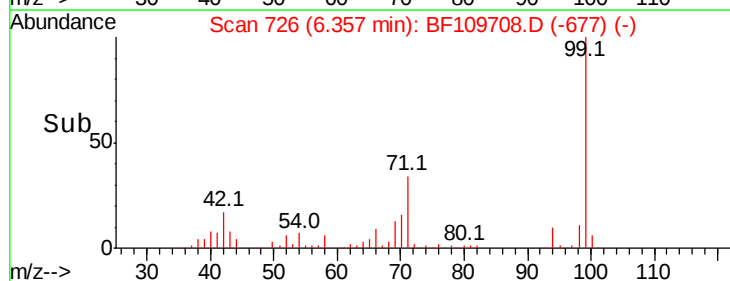
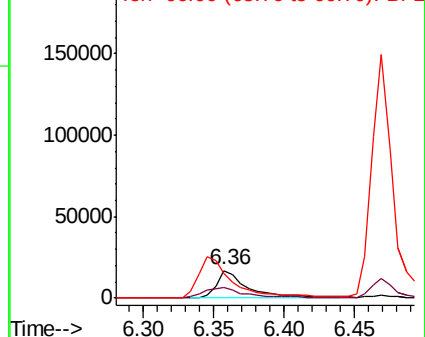
94 100

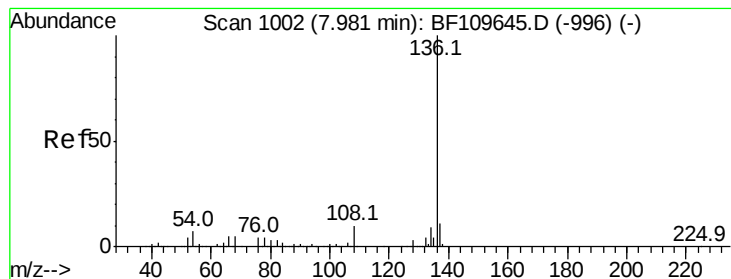
65 37.3 25.3 65.3

66 86.8 54.5 94.5



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

Instrument :

BNA_F

ClientSampleId :

FL-PIT-2

Tot Ion:136 Resp: 301405

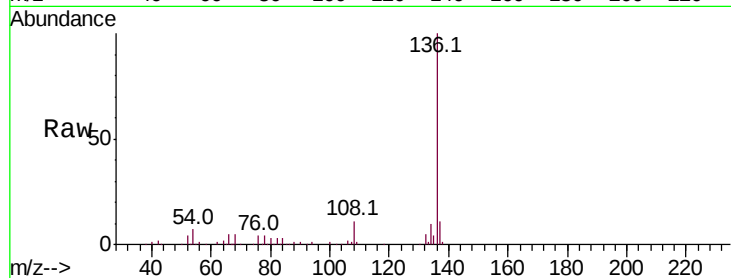
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.1 5.4 8.2

68 5.3 4.2 6.2

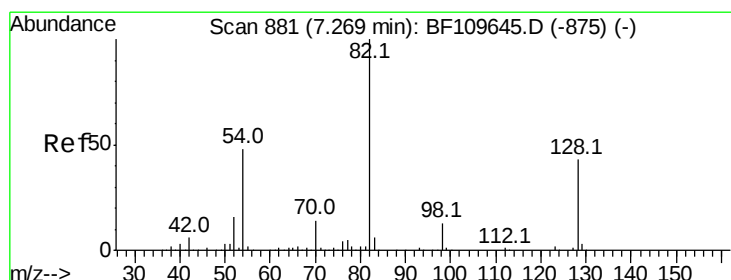
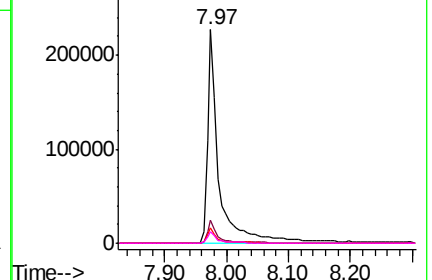
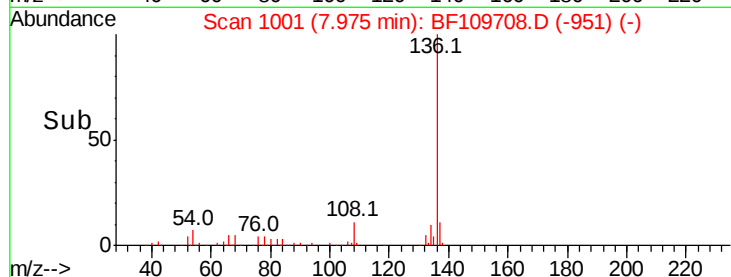


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.199 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109708.D

Acq: 9 Oct 2018 21:23

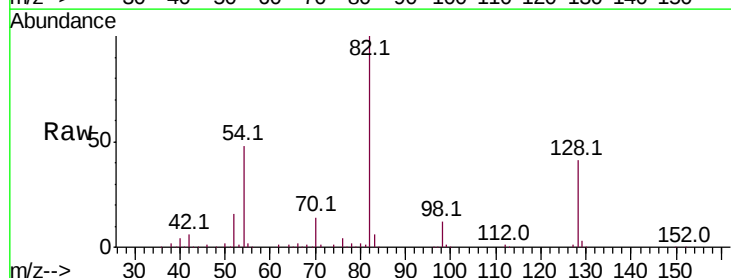
Tgt Ion: 82 Resp: 471322

Ion Ratio Lower Upper

82 100

128 40.6 34.2 51.2

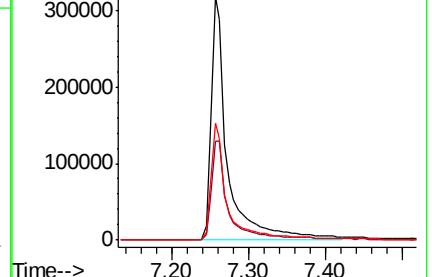
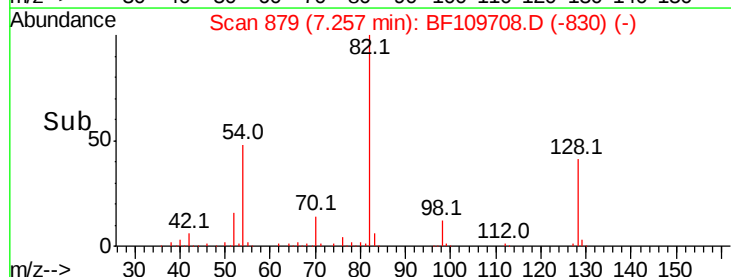
54 47.9 38.6 58.0

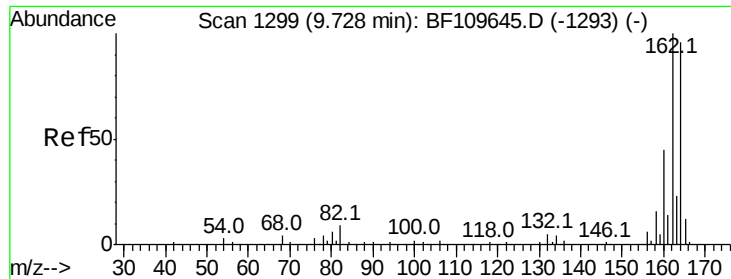


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

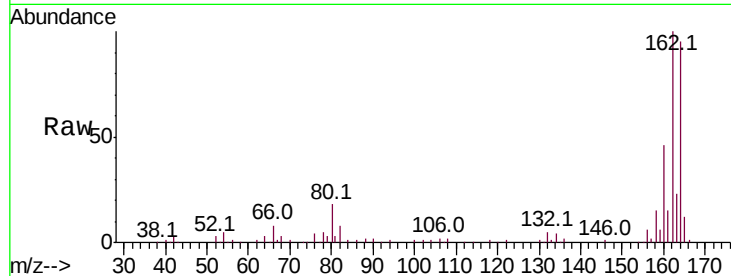




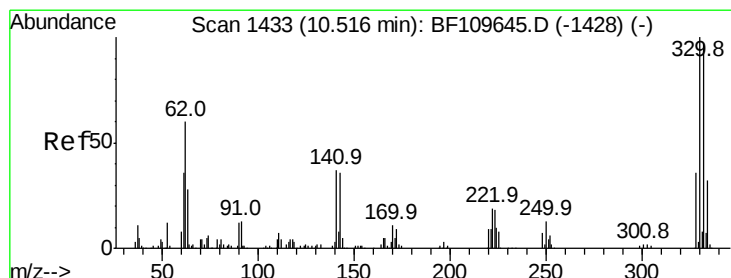
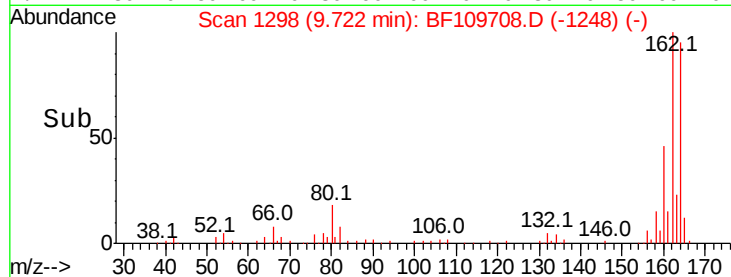
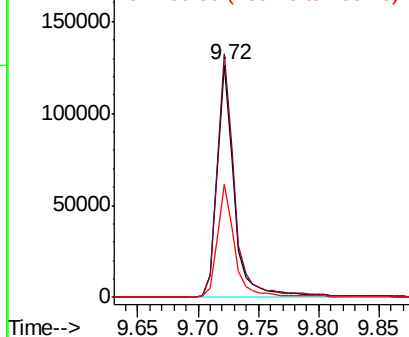
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	48.7	37.0	55.6

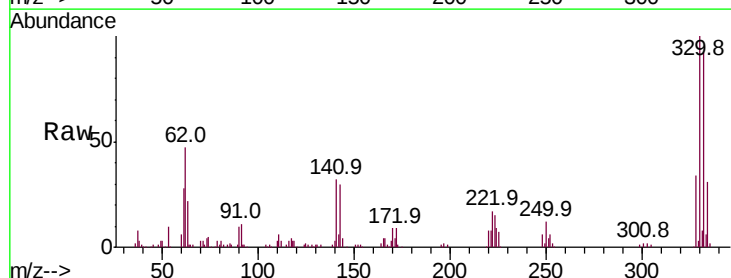


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

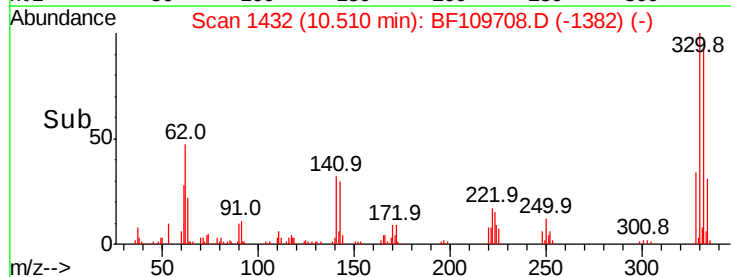
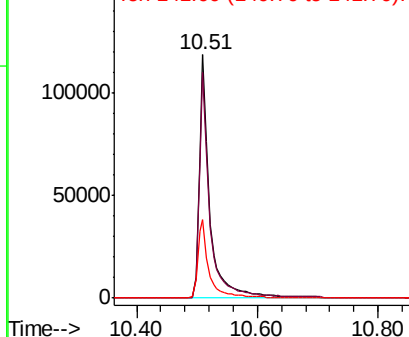


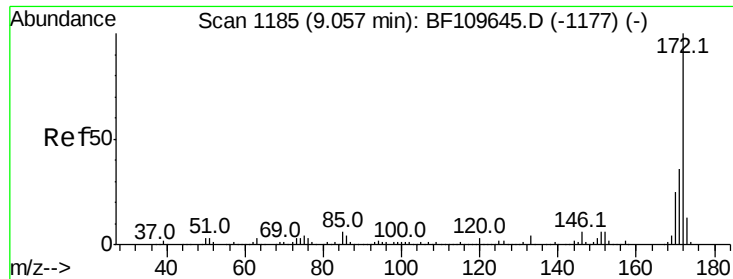
#41
 2,4,6-Tribromophenol
 Concen: 109.651 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.1	115.7
141	33.8	27.0	40.4



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

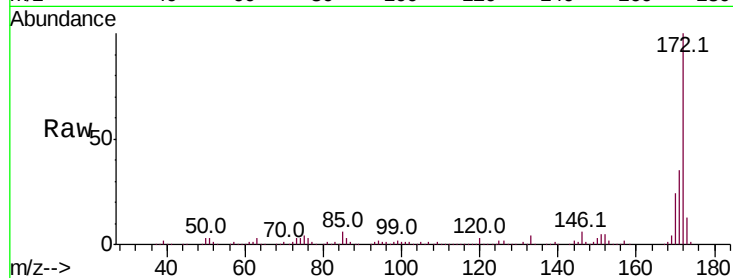




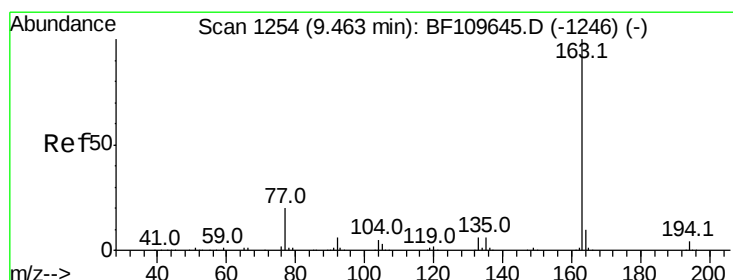
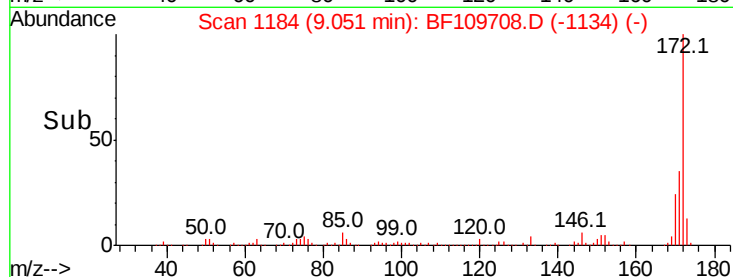
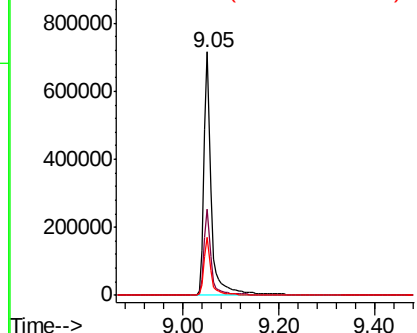
#44
2-Fluorobiphenyl
Concen: 85.331 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Instrument :
BNA_F
ClientSampleId :
FL-PIT-2

Tot Ion:172 Resp: 764574
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 19.7 29.5

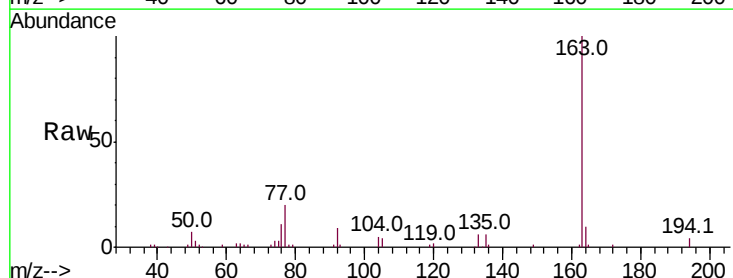


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

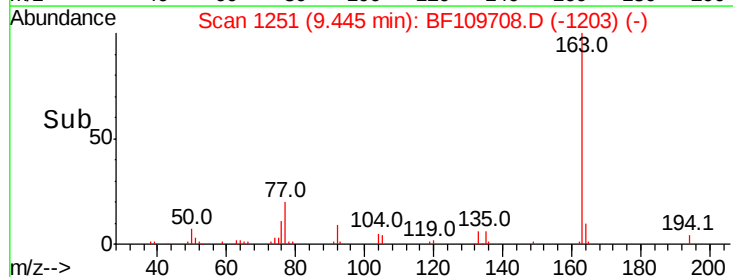
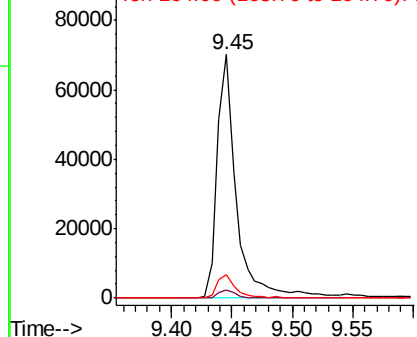


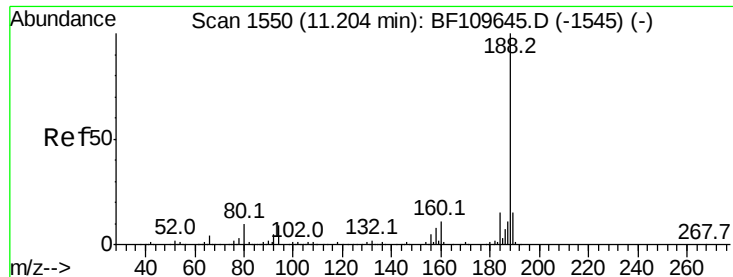
#49
Dimethylphthalate
Concen: 8.506 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Tgt Ion:163 Resp: 76986
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.6 8.1 12.1



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

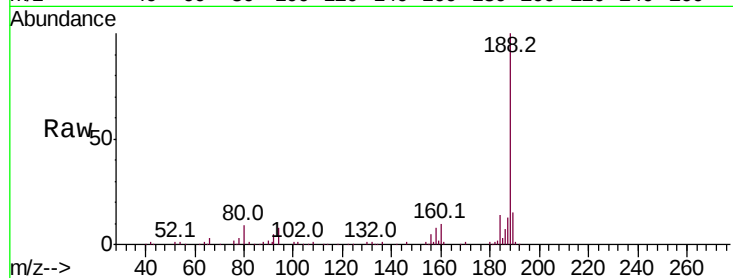




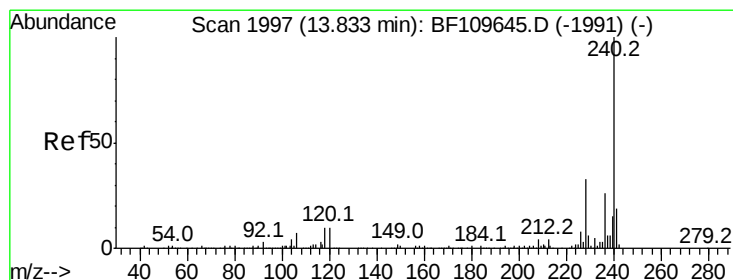
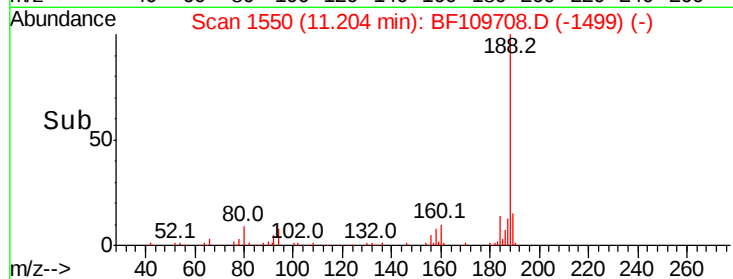
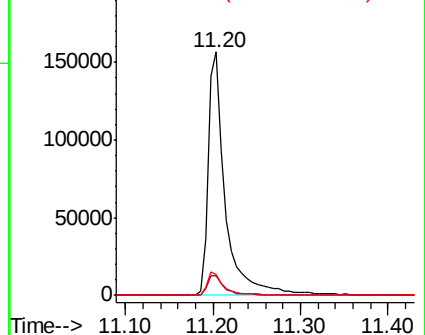
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Instrument :
BNA_F
ClientSampleId :
FL-PIT-2

Tot Ion:188 Resp: 213195
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.8 7.9 11.9

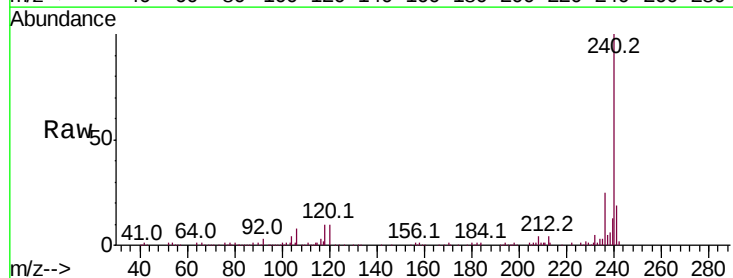


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

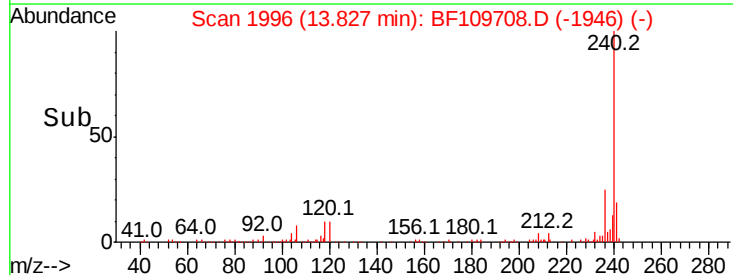
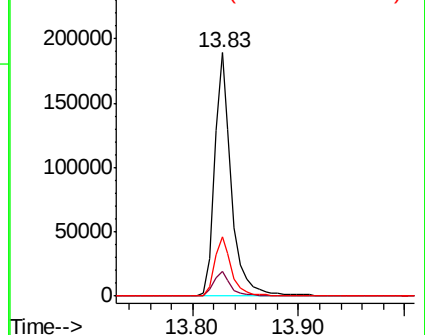


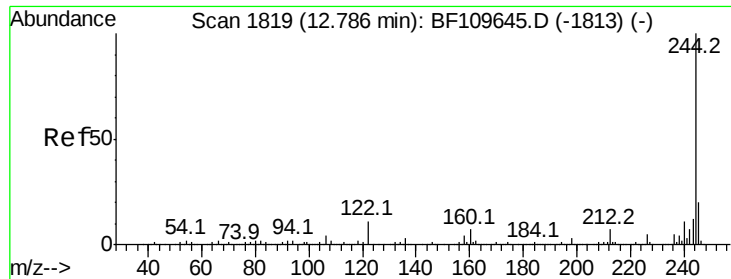
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109708.D
Acq: 9 Oct 2018 21:23

Tgt Ion:240 Resp: 210642
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.6 21.2 31.8



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

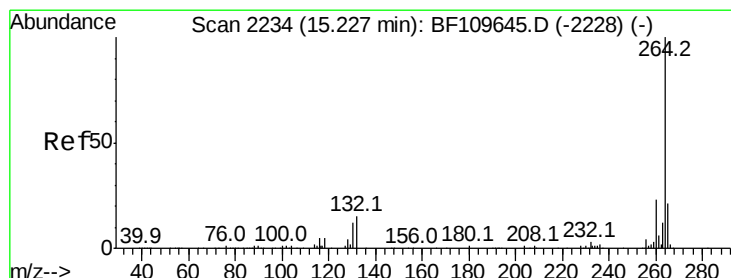
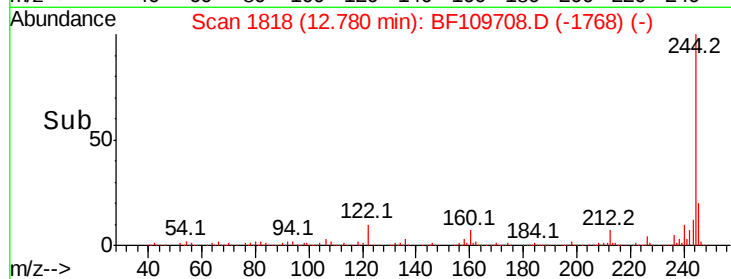
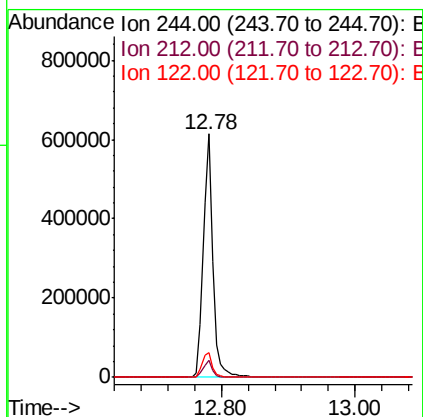
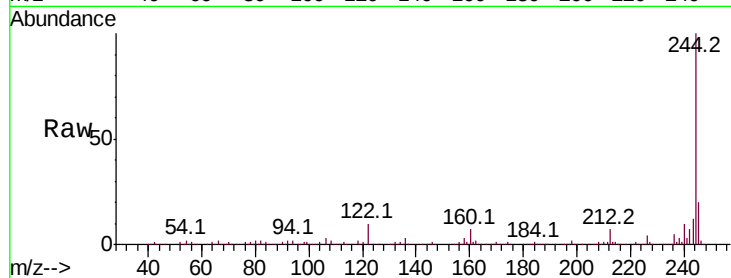




#78
 Terphenyl-d14
 Concen: 54.737 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-2

Tot Ion:244 Resp: 595598
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.0 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109708.D
 Acq: 9 Oct 2018 21:23

Tgt Ion:264 Resp: 174028
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.3 16.7 25.1

