

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109748.D
 Acq On : 10 Oct 2018 17:55
 Operator : JU/SJ
 Sample : J5302-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(14.5-15)

Quant Time: Oct 10 18:56:24 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

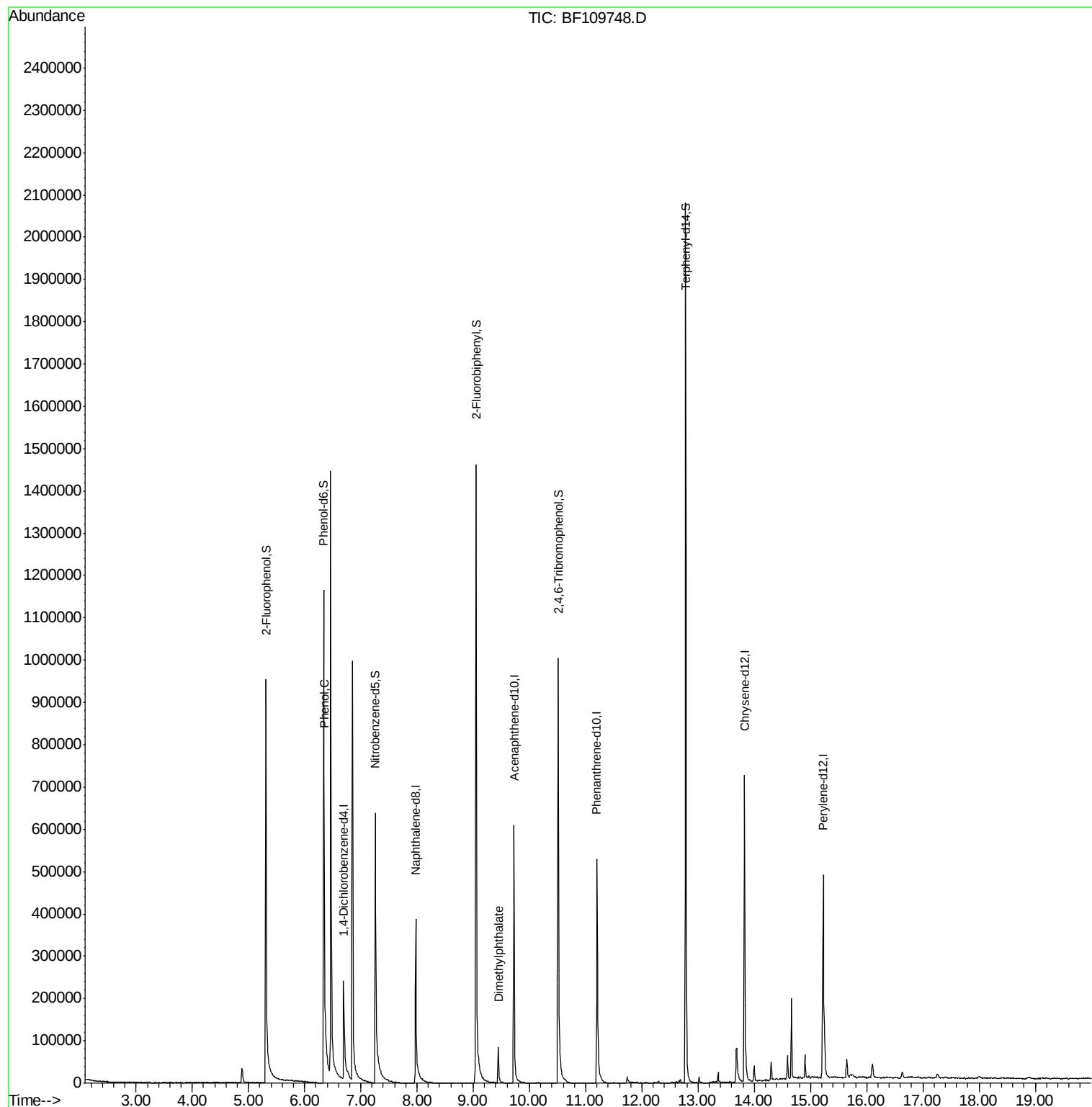
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65180	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	273855	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	143053	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	315921	20.00	ng	0.00
75) Chrysene-d12	13.83	240	310935	20.00	ng	0.00
86) Perylene-d12	15.23	264	289467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	388761	105.87	ng	-0.01
7) Phenol-d6	6.34	99	578663	117.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	373931	75.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	167126	107.22	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	663936	63.92	ng	0.00
78) Terphenyl-d14	12.78	244	782618	48.72	ng	0.00
Target Compounds						
10) Phenol	6.35	94	14945	2.657	ng	Qvalue # 69
49) Dimethylphthalate	9.45	163	55412	5.282	ng	99

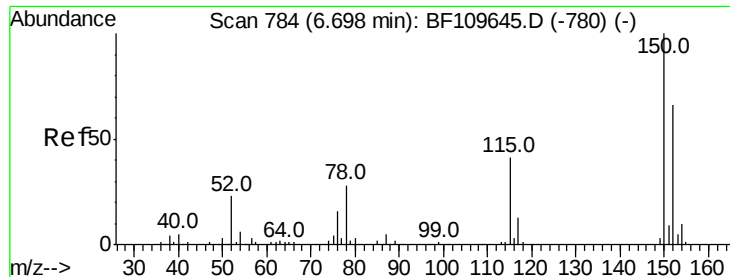
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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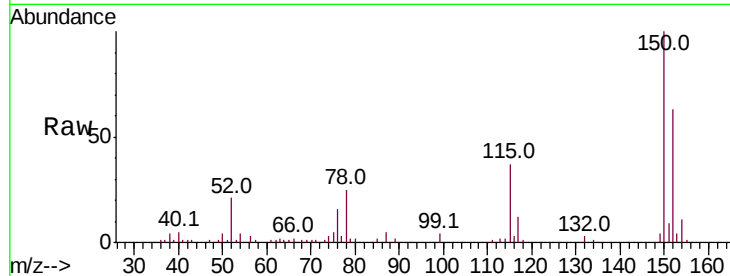


#1

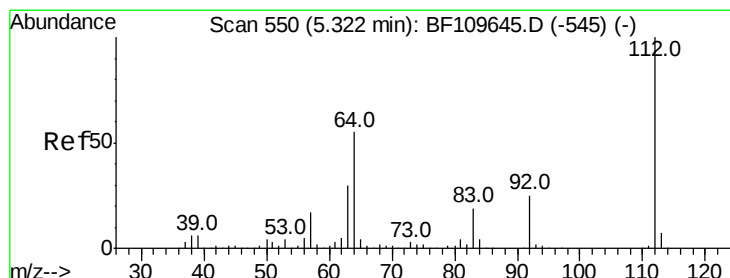
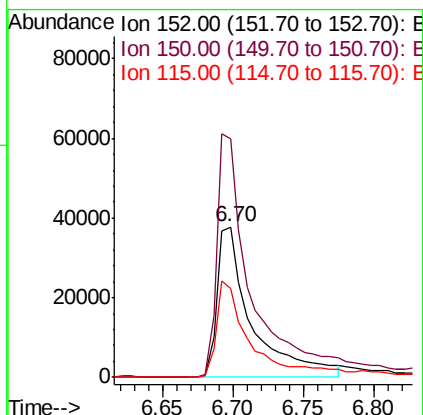
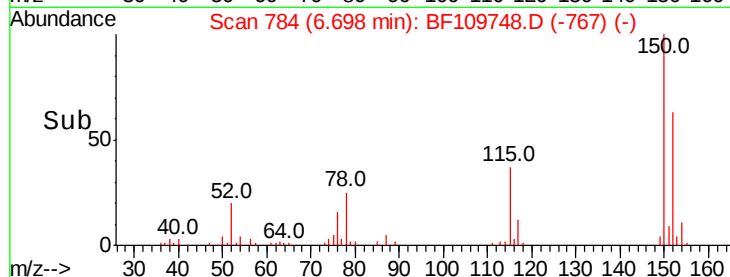
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Instrument :
BNA_F
ClientSampleId :
SB-5-(14.5-15)

Tot Ion:152 Resp: 65180
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 59.1 49.1 73.7



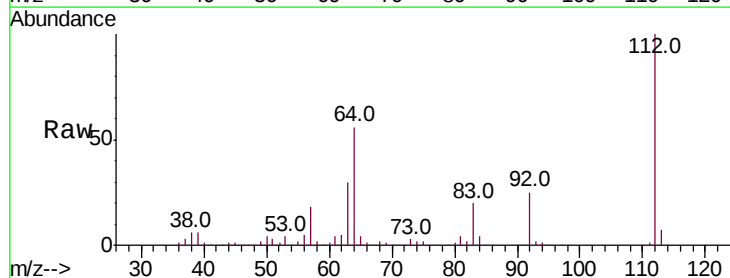
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



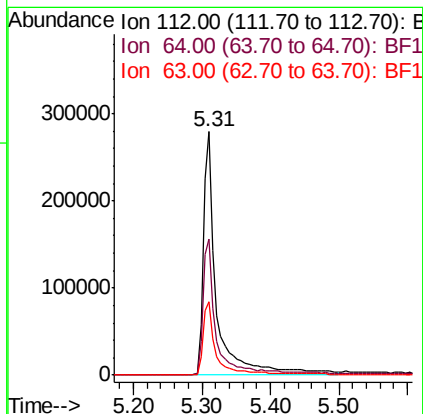
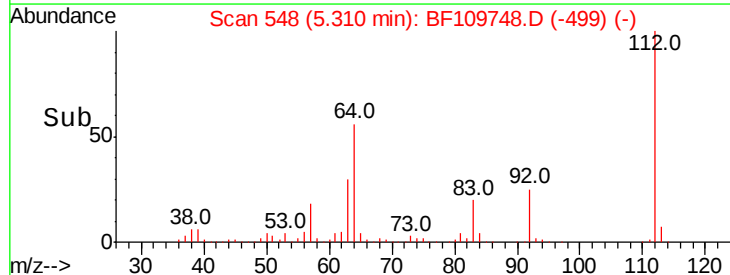
#5

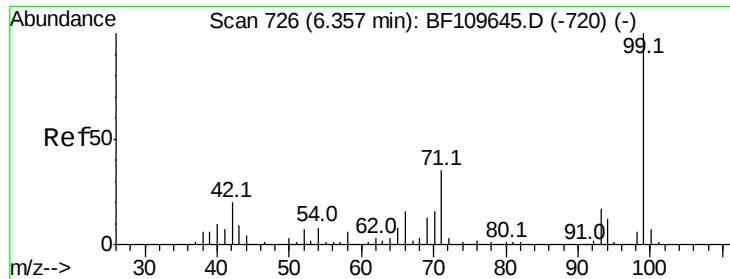
2-Fluorophenol
Concen: 105.870 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Tgt Ion:112 Resp: 388761
Ion Ratio Lower Upper
112 100
64 56.0 44.1 66.1
63 30.2 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: 117.963 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-5-(14.5-15)

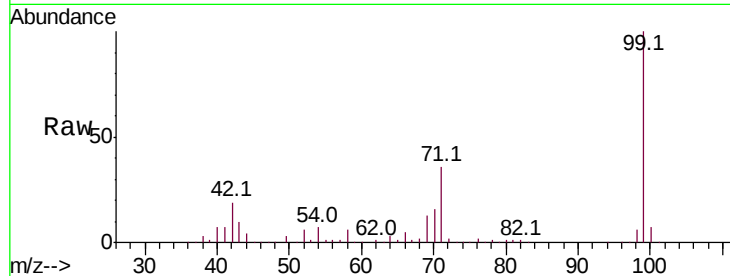
Tot Ion: 99 Resp: 578663

Ion Ratio Lower Upper

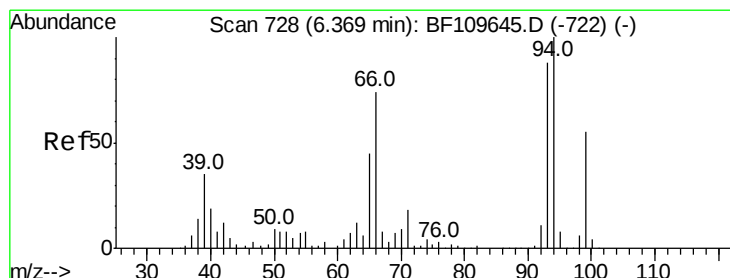
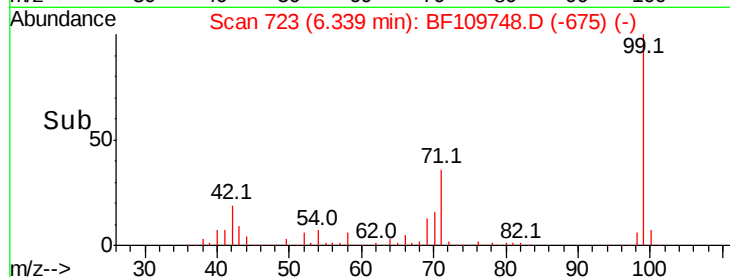
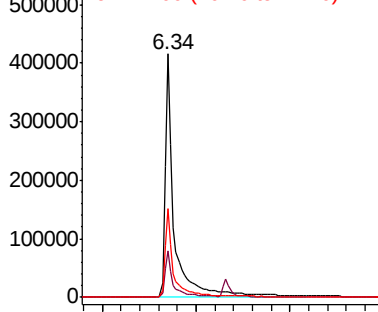
99 100

42 19.3 15.8 23.6

71 36.4 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: 2.657 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

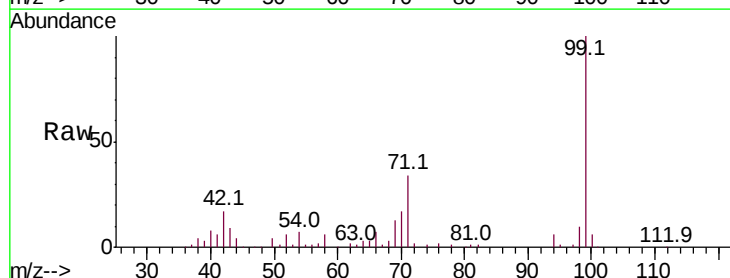
Tgt Ion: 94 Resp: 14945

Ion Ratio Lower Upper

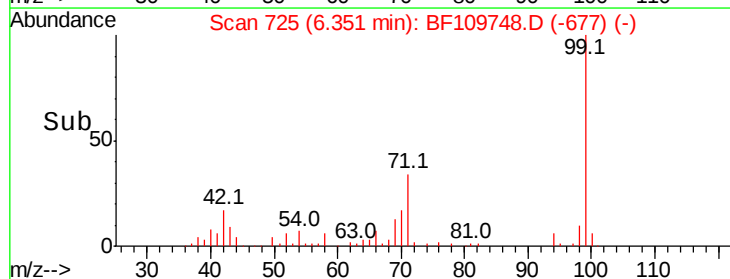
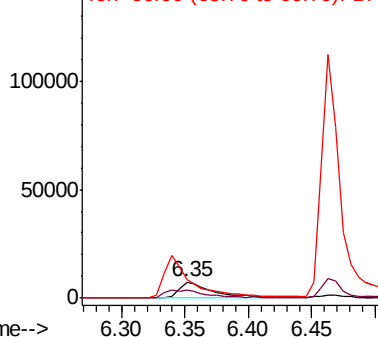
94 100

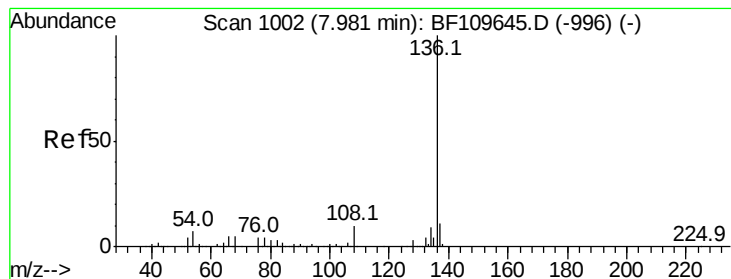
65 46.6 25.3 65.3

66 115.3 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: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-5-(14.5-15)

Tot Ion:136 Resp: 273855

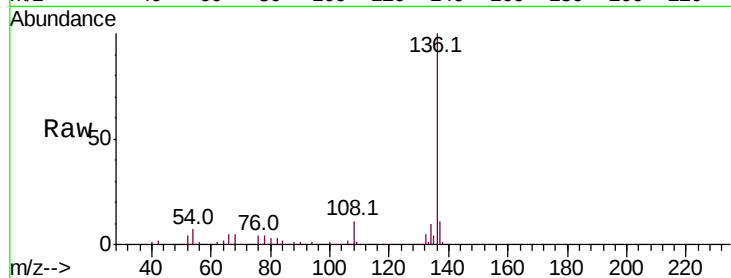
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.0 5.4 8.2

68 5.1 4.2 6.2

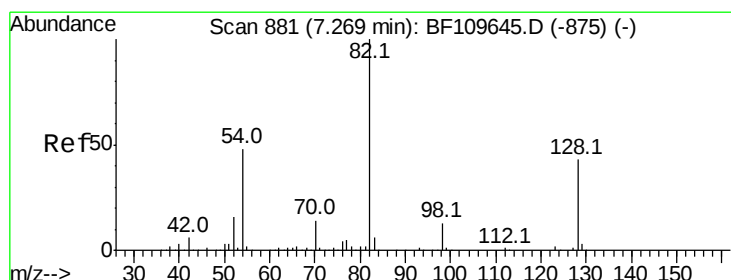
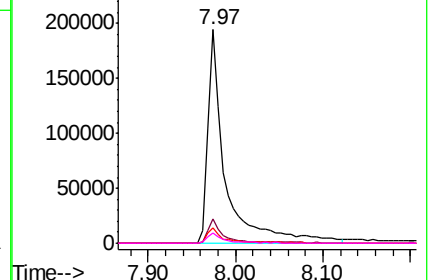
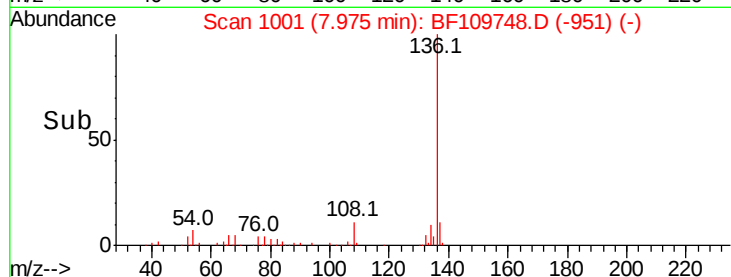


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.267 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

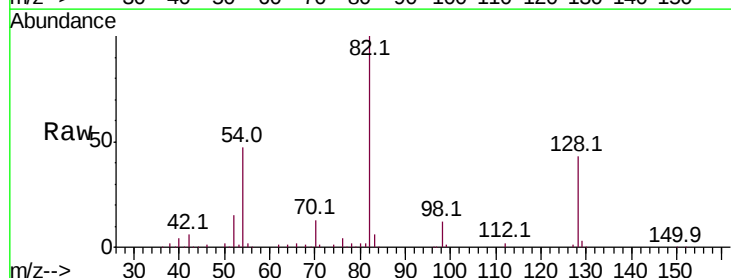
Tgt Ion: 82 Resp: 373931

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.2

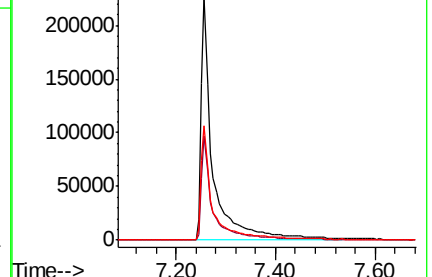
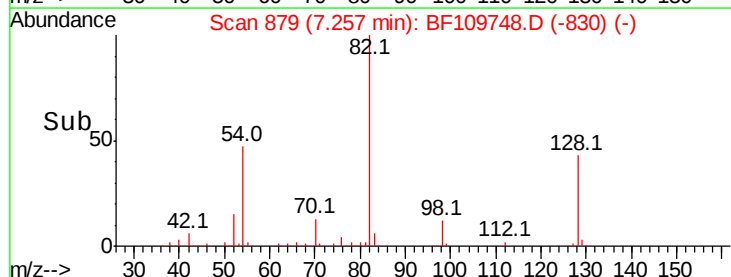
54 47.0 38.6 58.0

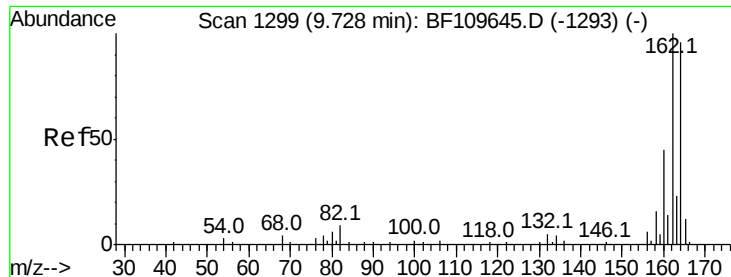


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

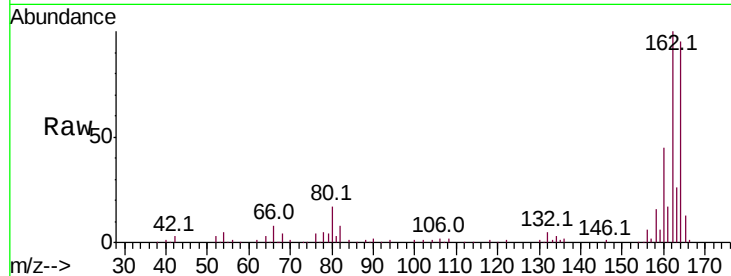




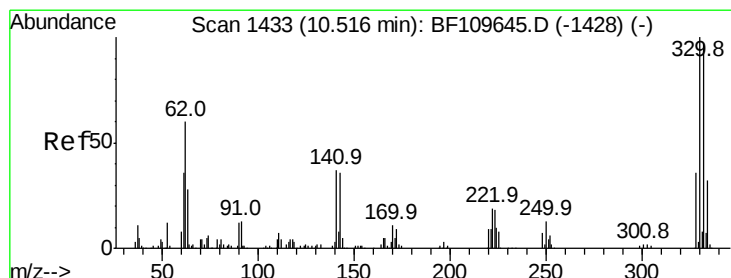
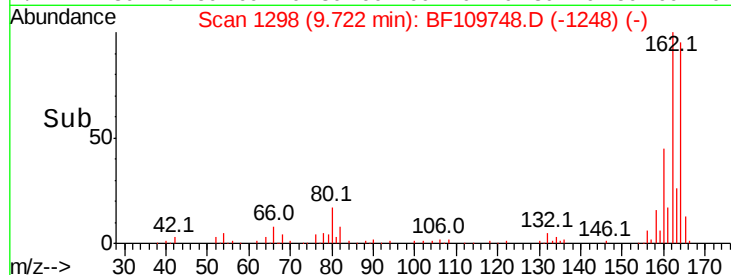
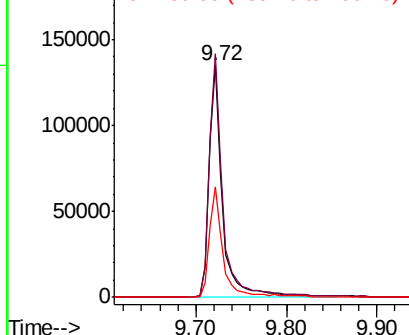
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(14.5-15)

Tot Ion:164 Resp: 143053
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.0 124.6
 160 47.6 37.0 55.6

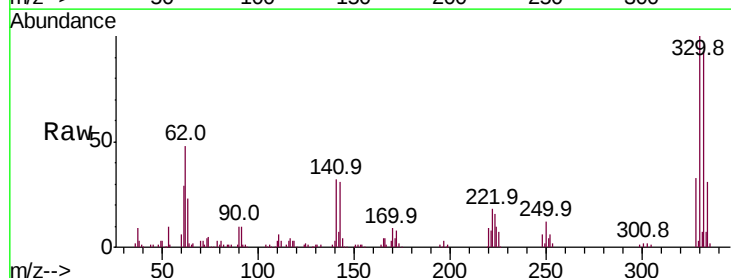


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

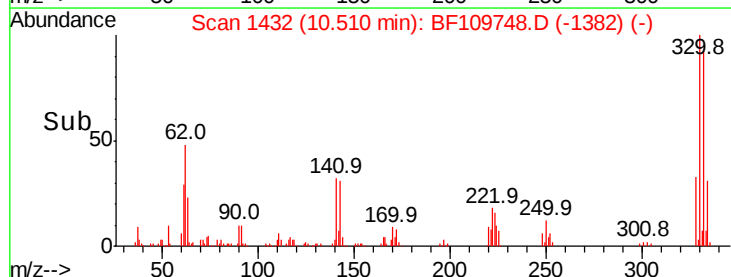
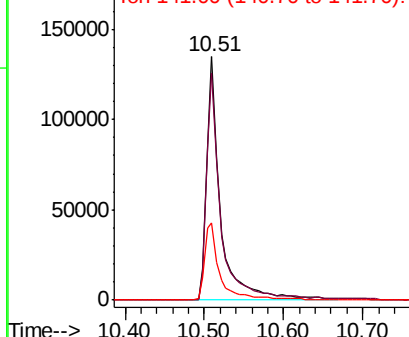


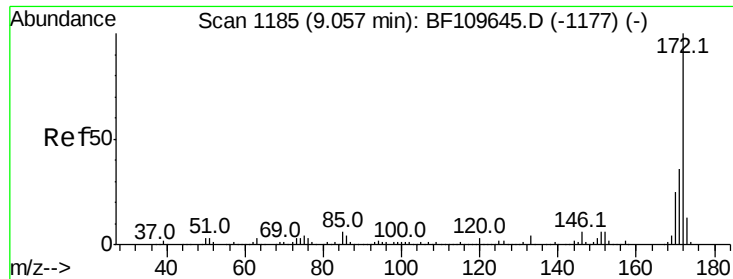
#41
 2,4,6-Tribromophenol
 Concen: 107.220 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Tgt Ion:330 Resp: 167126
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.1 115.7
 141 35.6 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

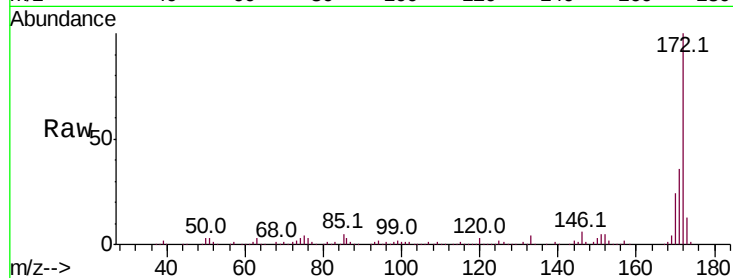




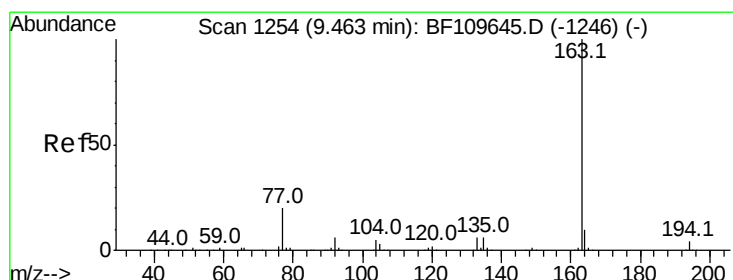
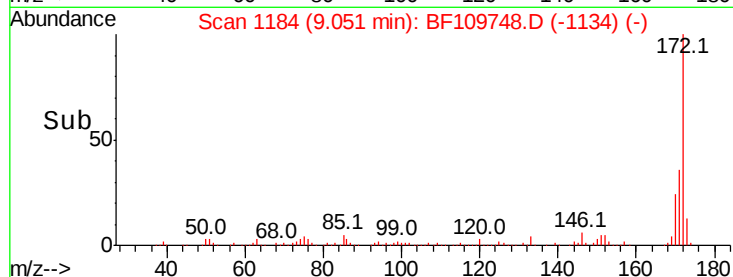
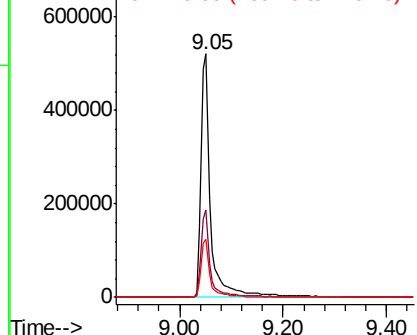
#44
 2-Fluorobiphenyl
 Concen: 63.921 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(14.5-15)

Tot Ion:172 Resp: 663936
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.7 19.7 29.5

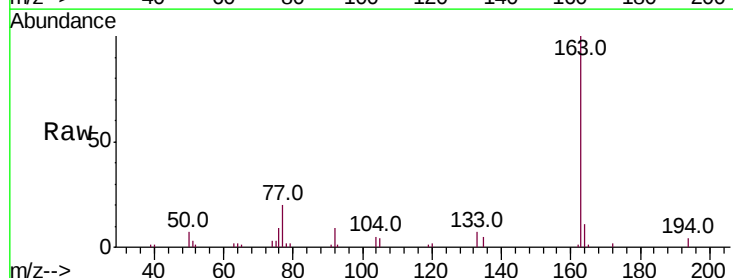


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

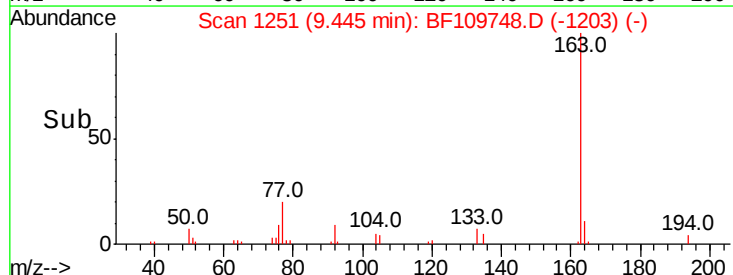
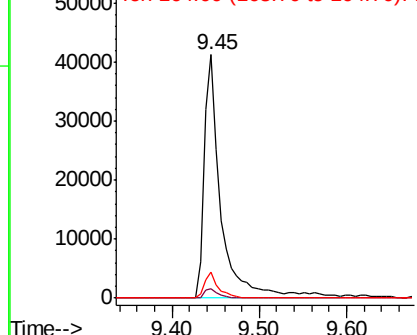


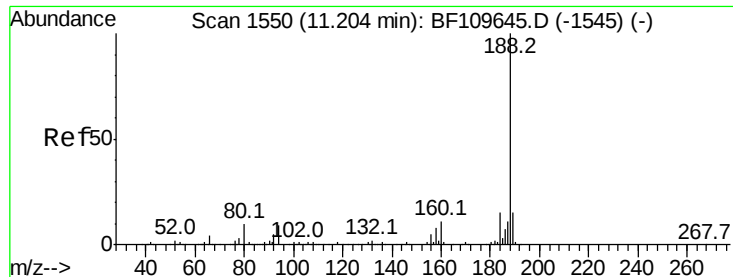
#49
 Dimethylphthalate
 Concen: 5.282 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Tgt Ion:163 Resp: 55412
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 10.6 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# 1549

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampleId :

SB-5-(14.5-15)

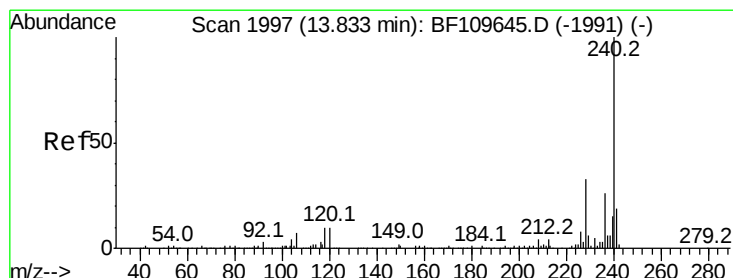
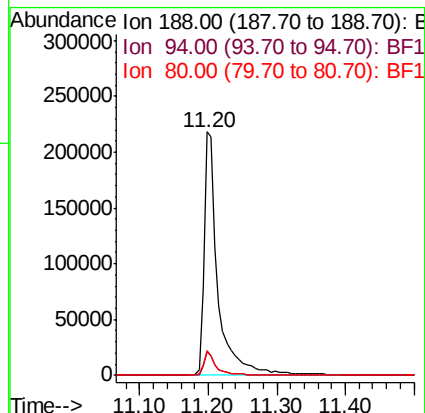
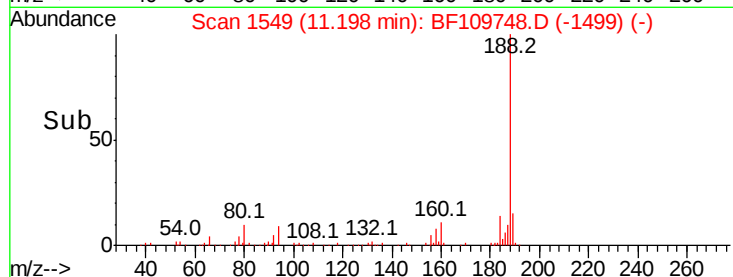
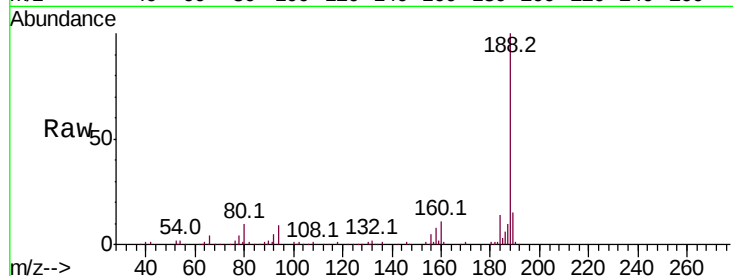
Tot Ion:188 Resp: 315921

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.1 7.9 11.9



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

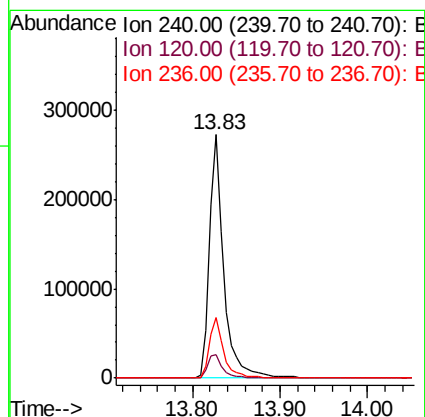
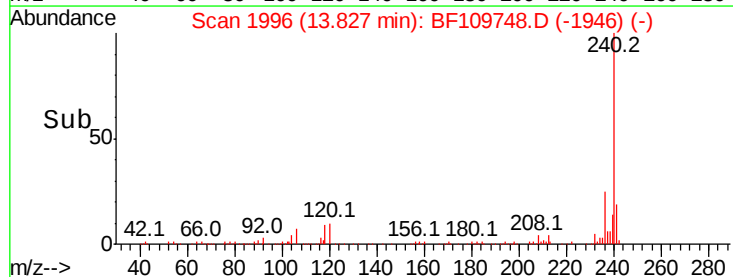
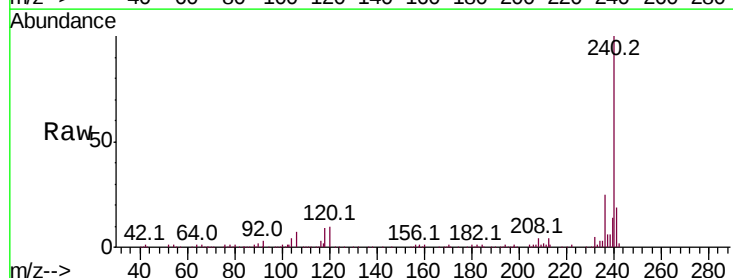
Tgt Ion:240 Resp: 310935

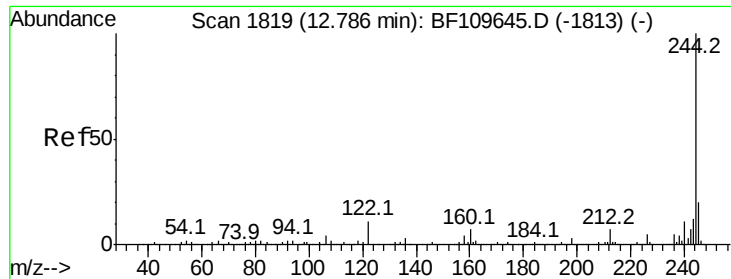
Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

236 24.9 21.2 31.8

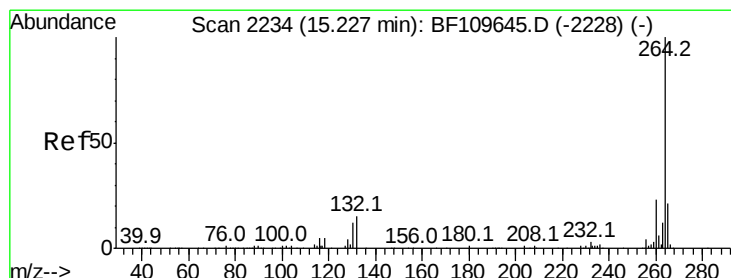
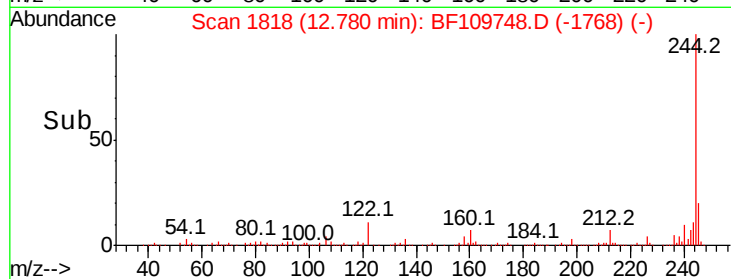
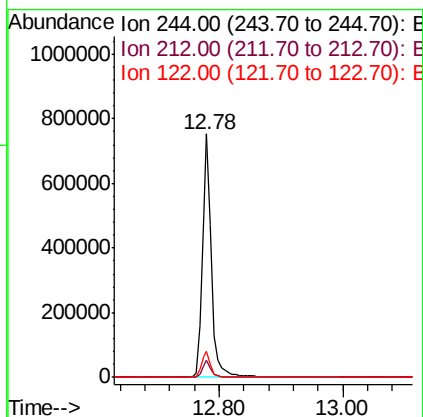
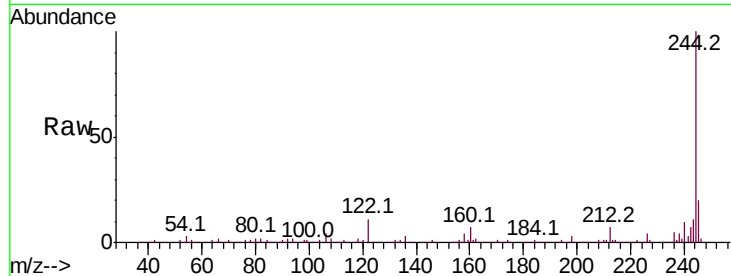




#78
 Terphenyl-d14
 Concen: 48.725 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(14.5-15)

Tot Ion:244 Resp: 782618
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.8 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: BF109748.D
 Acq: 10 Oct 2018 17:55

Tgt Ion:264 Resp: 289467
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 20.8 16.7 25.1

