

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011103.D
 Acq On : 02 Aug 2017 23:57
 Operator : SJ/JU
 Sample : I4541-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 01:38:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

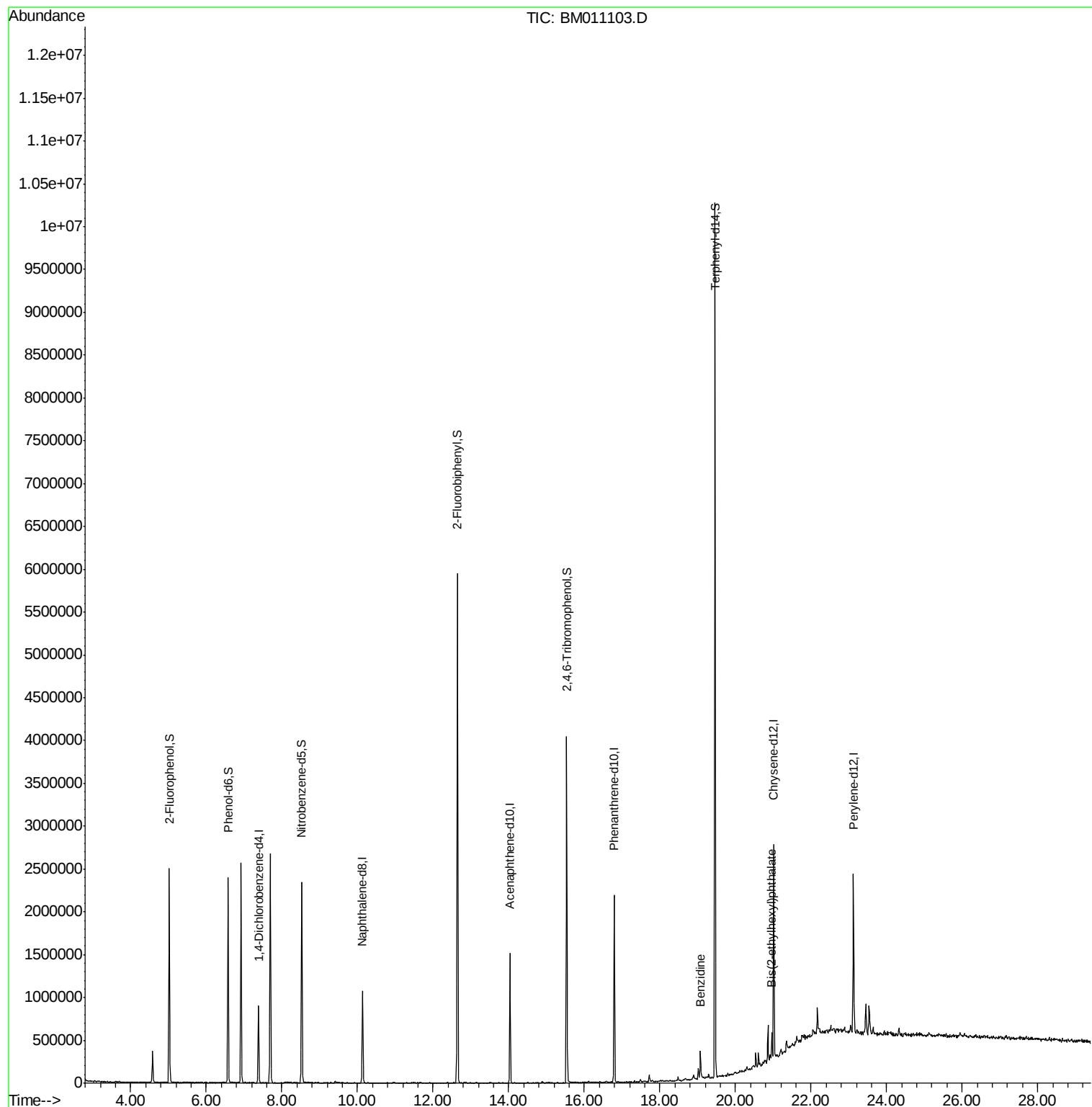
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	165108	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	650236	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	436840	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1081818	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1149815	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1252141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	724066	74.13	ng	0.00
7) Phenol-d6	6.58	99	966444	69.64	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1299771	75.02	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	531501	75.91	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	2429521	69.75	ng	-0.02
78) Terphenyl-d14	19.46	244	3885648	66.94	ng	-0.01
Target Compounds						
76) Benzidine	19.07	184	162004	5.89	ng	Qvalue # 95
83) Bis(2-ethylhexyl)phthalate	20.96	149	83301	2.33	ng	95

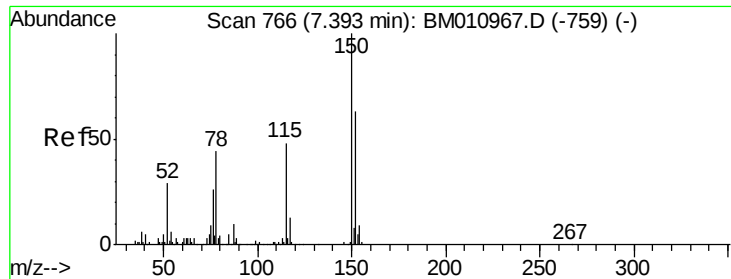
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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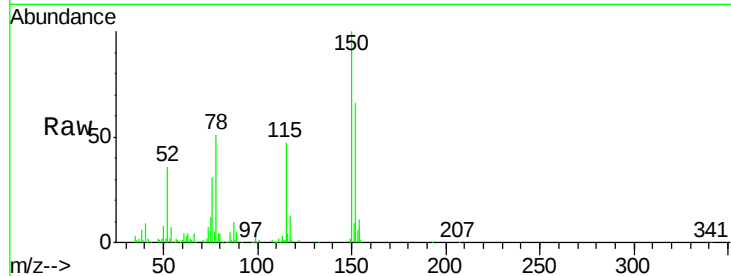


#1

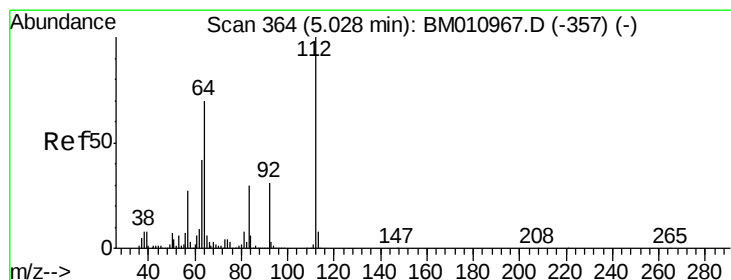
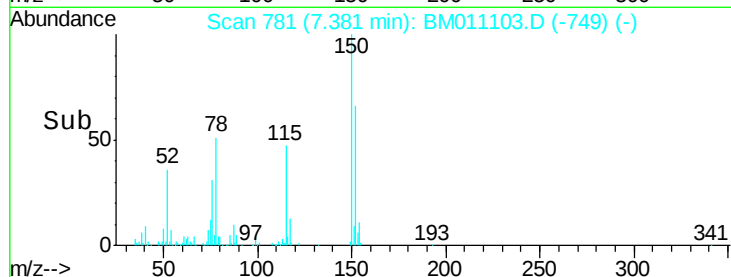
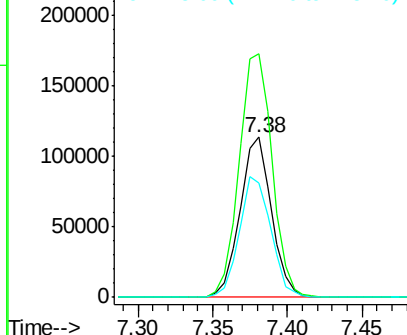
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011103.D
Acq: 02 Aug 2017 23:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 165108
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 71.1 43.0 64.4#



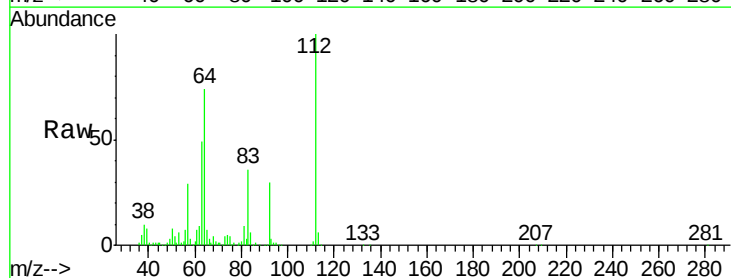
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



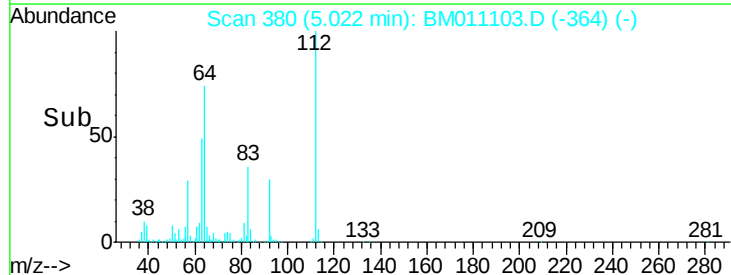
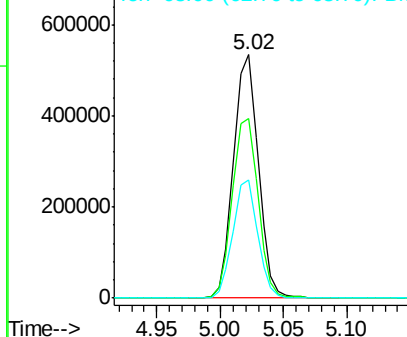
#5

2-Fluorophenol
Concen: 74.13 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011103.D
Acq: 02 Aug 2017 23:57

Tgt Ion:112 Resp: 724066
Ion Ratio Lower Upper
112 100
64 73.8 38.6 57.8#
63 48.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 69.64 ng

RT: 6.58 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011103.D

Acq: 02 Aug 2017 23:57

Instrument :

BNA_M

ClientSampleId :

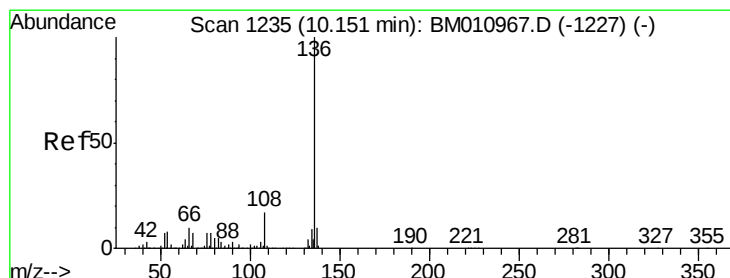
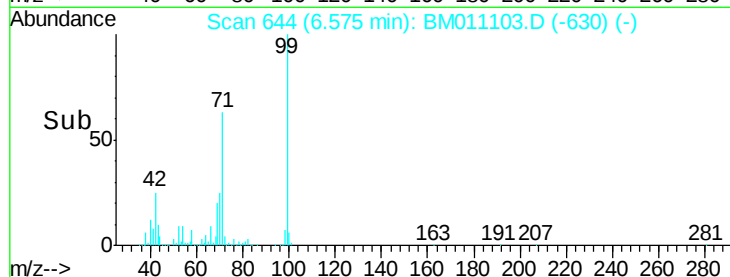
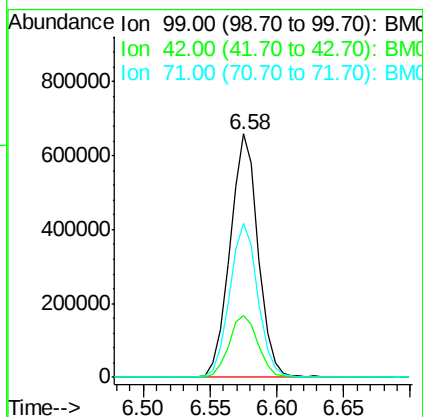
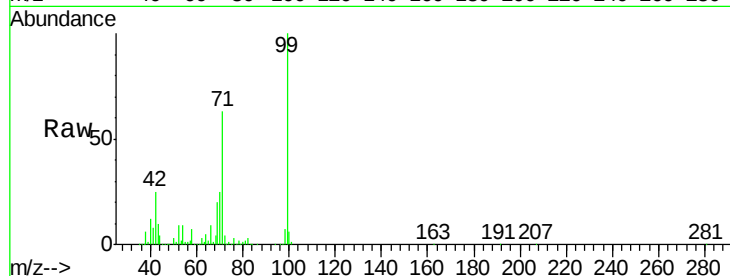
Tot Ion: 99 Resp: 966444

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 63.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011103.D

Acq: 02 Aug 2017 23:57

Tgt Ion: 136 Resp: 650236

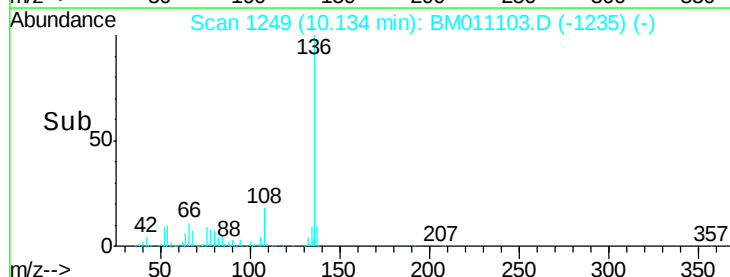
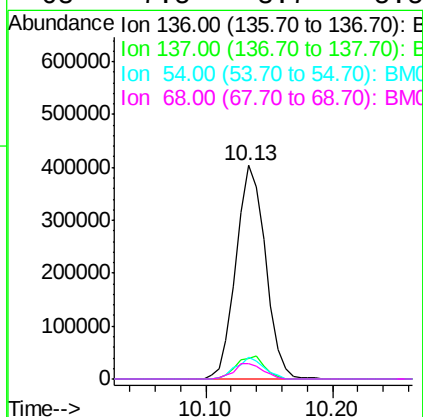
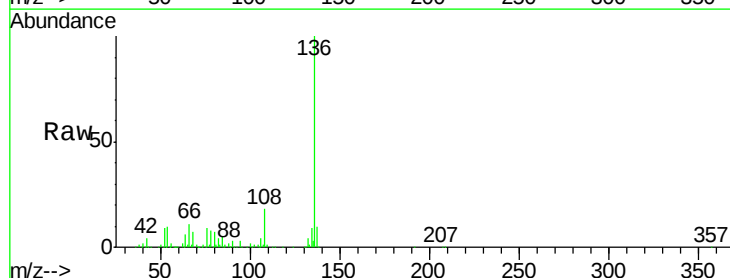
Ion Ratio Lower Upper

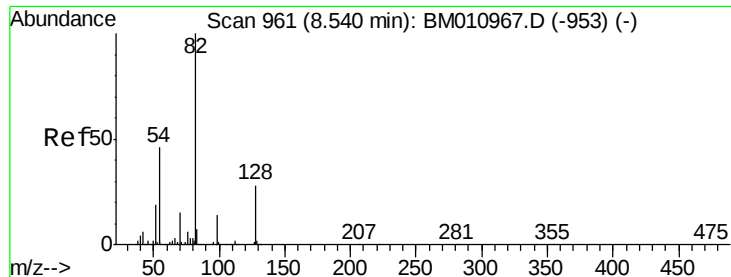
136 100

137 9.8 8.7 13.1

54 10.2 4.6 6.8#

68 7.5 3.7 5.5#

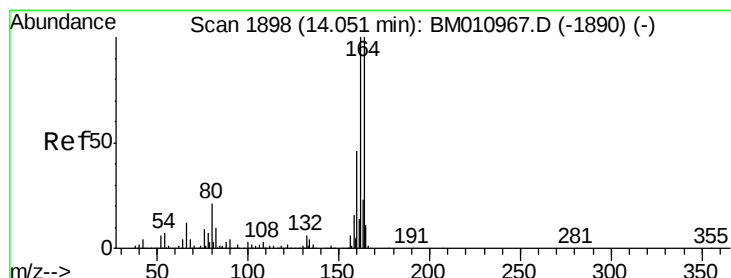
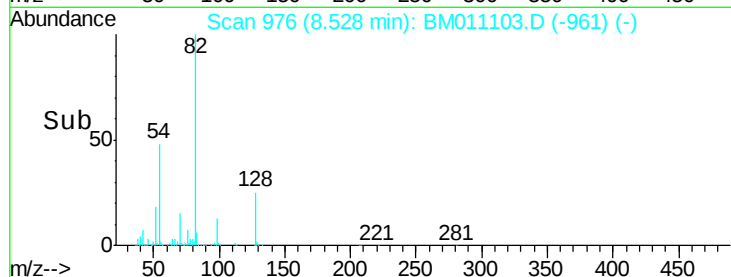
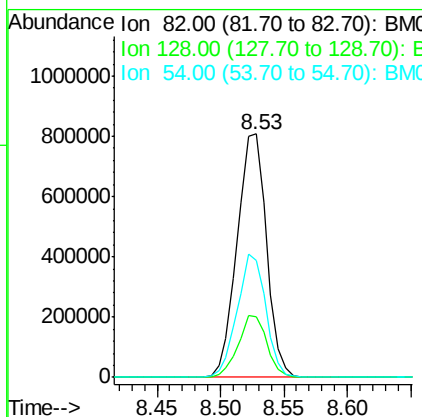
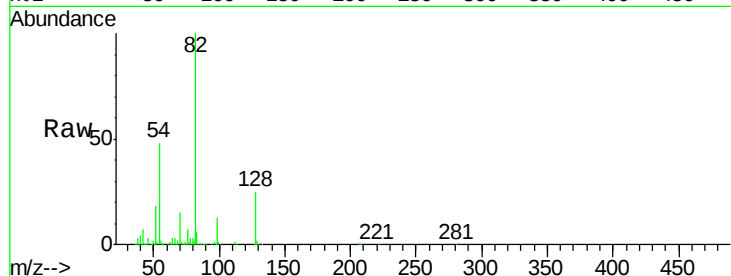




#23
 Nitrobenzene-d5
 Concen: 75.02 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

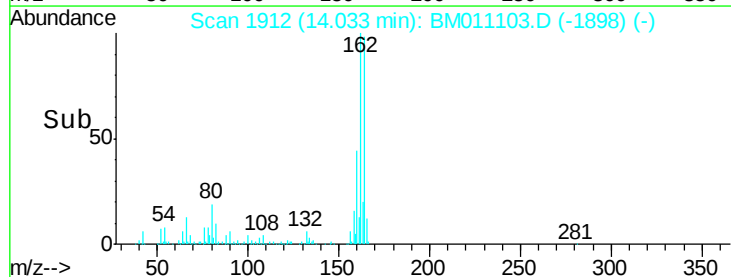
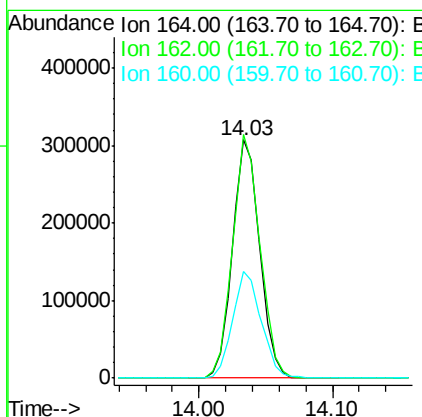
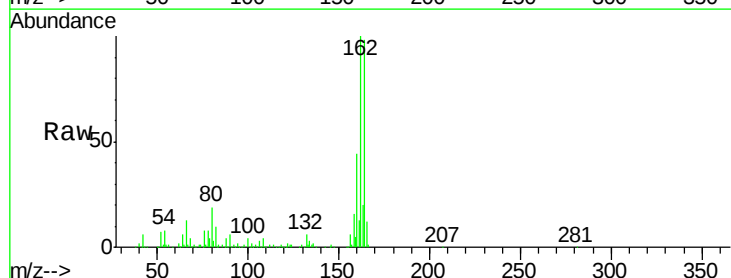
Instrument :
 BNA_M
 ClientSampleId :

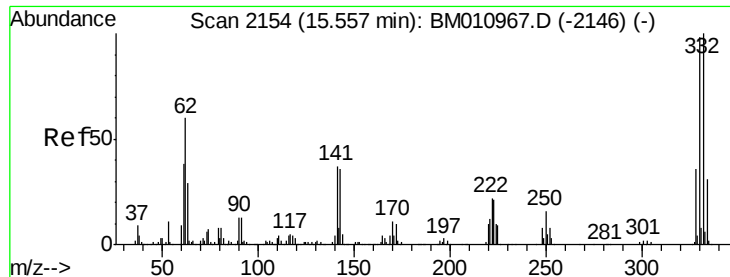
Tot Ion: 82 Resp: 1299771
 Ion Ratio Lower Upper
 82 100
 128 24.7 32.8 49.2#
 54 48.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

Tgt Ion:164 Resp: 436840
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.4 123.6
 160 44.8 35.8 53.6

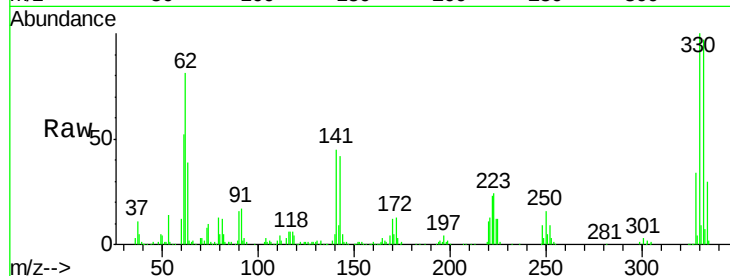




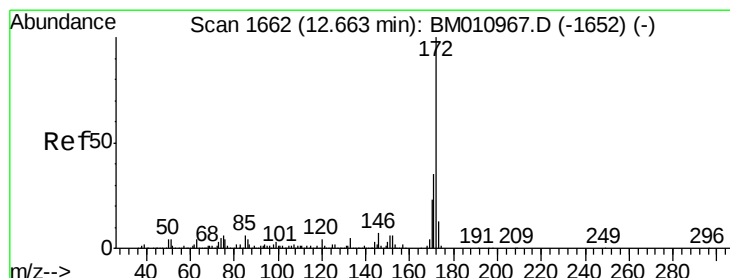
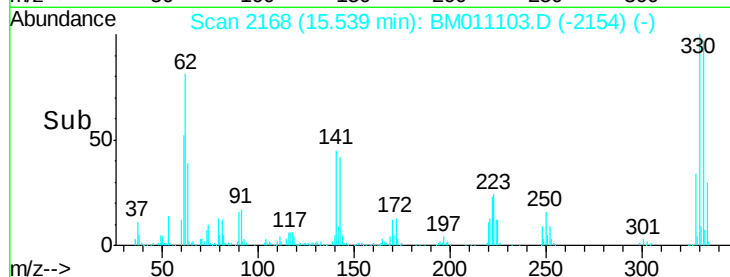
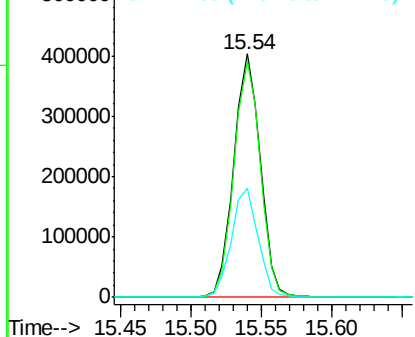
#41
 2,4,6-Tribromophenol
 Concen: 75.91 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	45.1	0.0	0.0#

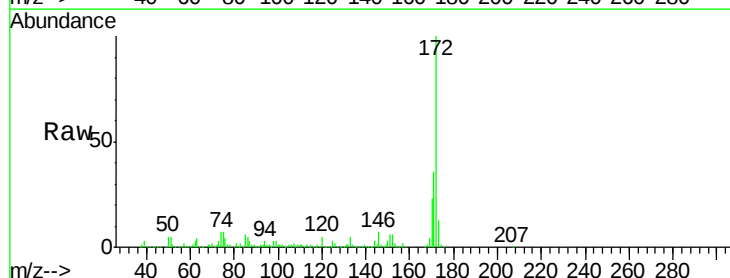


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

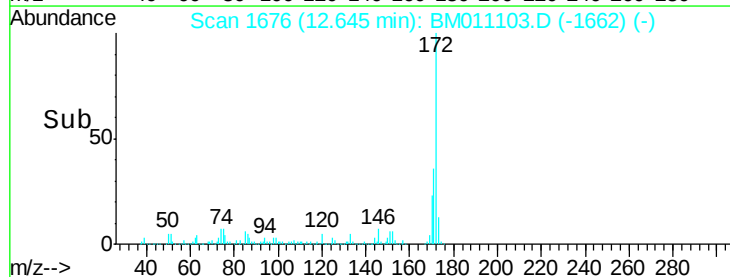
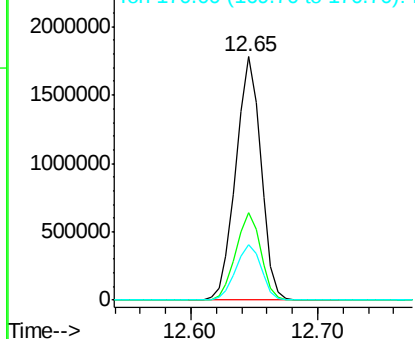


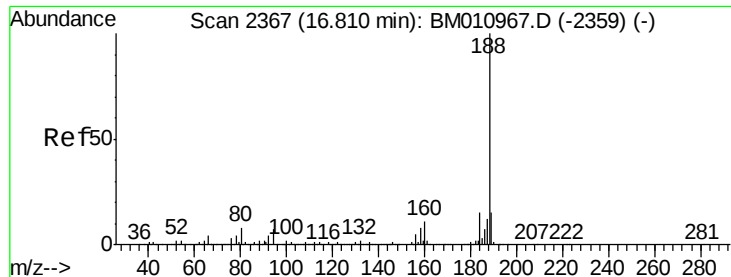
#44
 2-Fluorobiphenyl
 Concen: 69.75 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	22.7	18.8	28.2



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

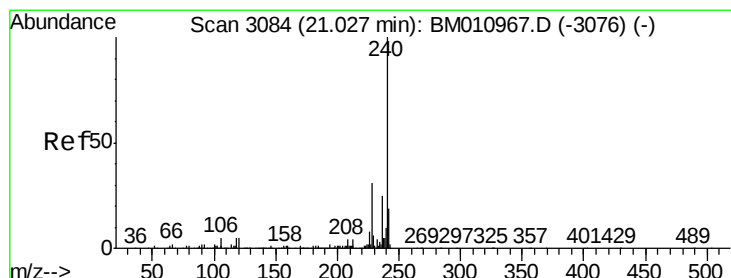
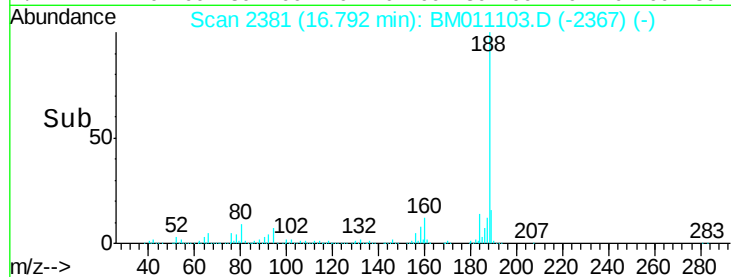
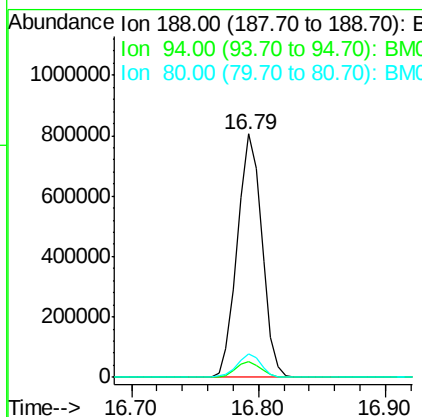
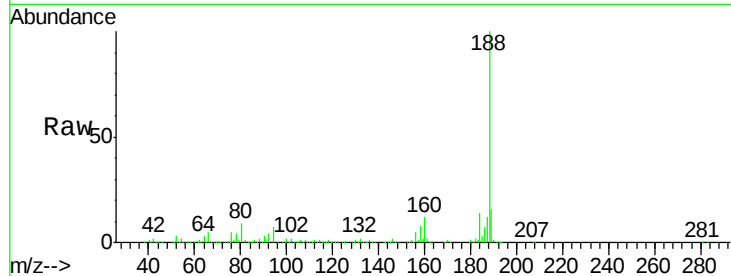




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011103.D
Acq: 02 Aug 2017 23:57

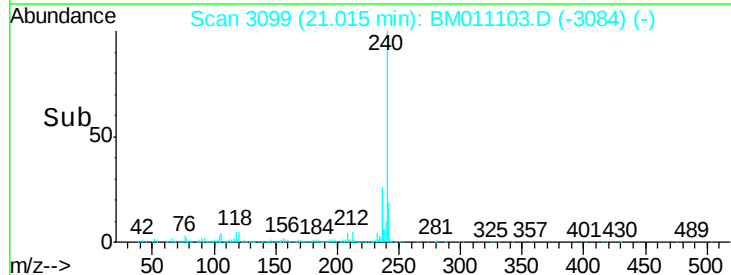
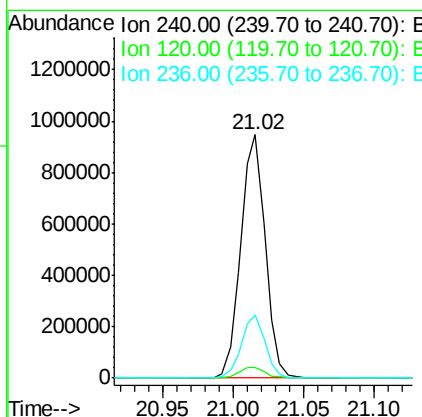
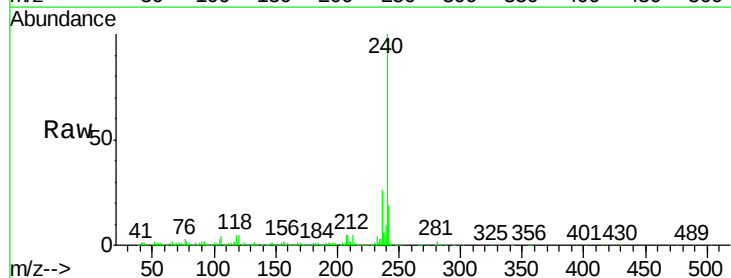
Instrument :
BNA_M
ClientSampled :

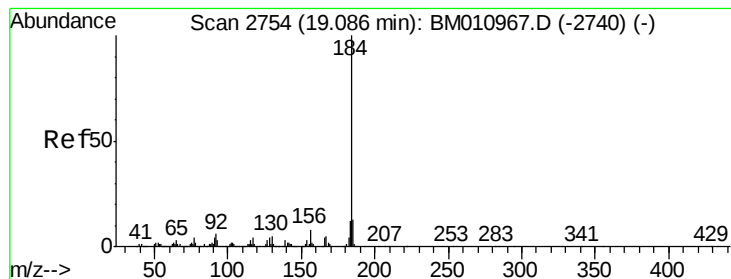
Tot Ion:188 Resp: 1081818
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011103.D
Acq: 02 Aug 2017 23:57

Tgt Ion:240 Resp: 1149815
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.8 20.0 30.0





#76

Benzidine

Concen: 5.89 ng

RT: 19.07 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BM011103.D

Acq: 02 Aug 2017 23:57

Instrument :

BNA_M

ClientSampleId :

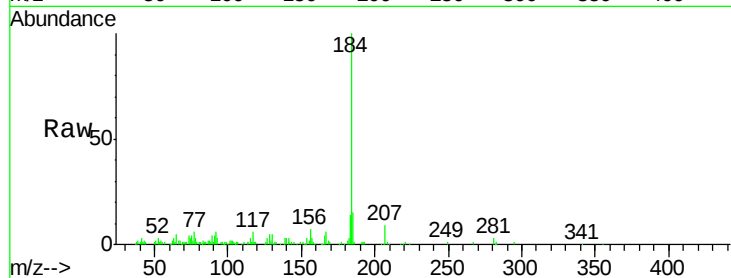
Tot Ion:184 Resp: 162004

Ion Ratio Lower Upper

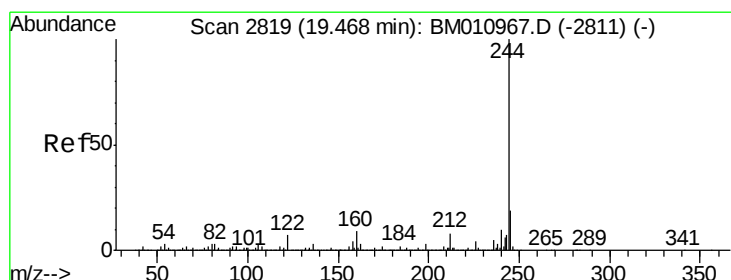
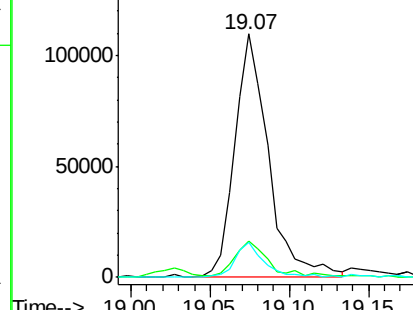
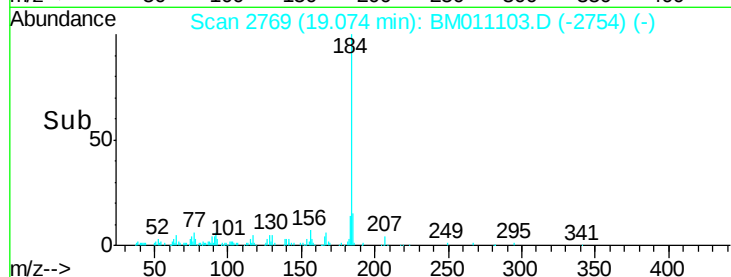
184 100

185 14.9 11.3 16.9

183 14.3 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 66.94 ng

RT: 19.46 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM011103.D

Acq: 02 Aug 2017 23:57

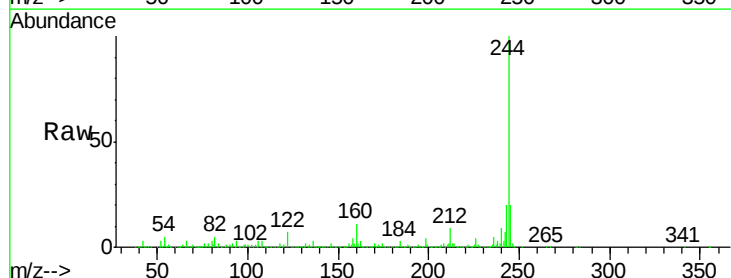
Tgt Ion:244 Resp: 3885648

Ion Ratio Lower Upper

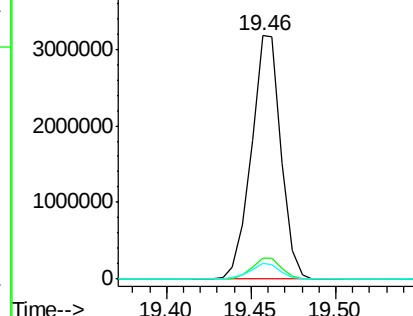
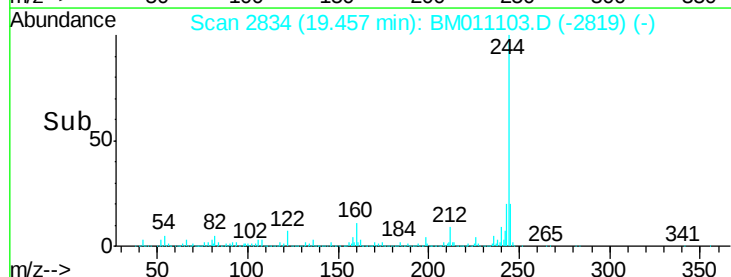
244 100

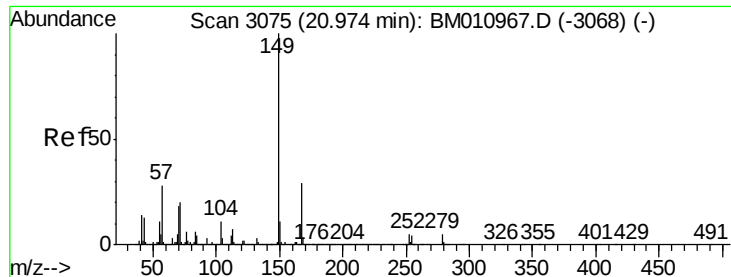
212 8.6 4.9 7.3#

122 6.7 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

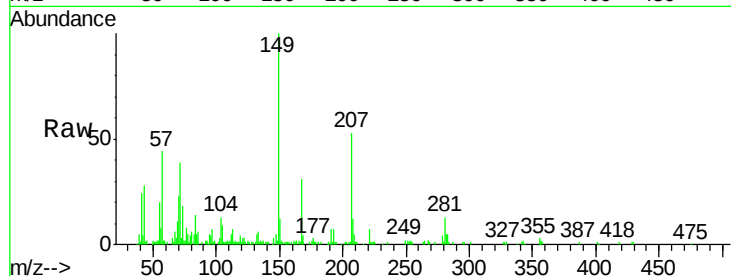




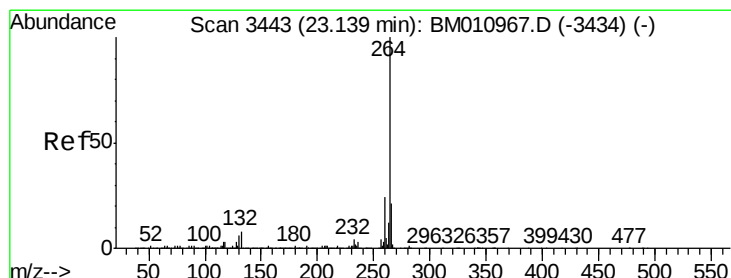
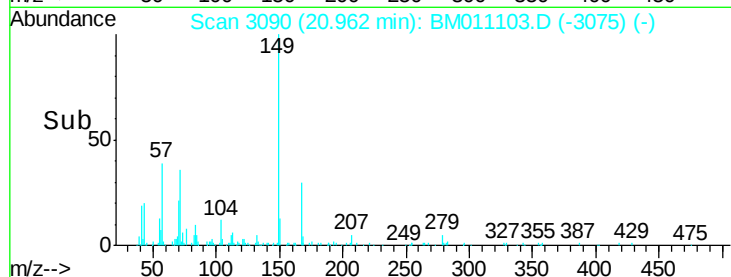
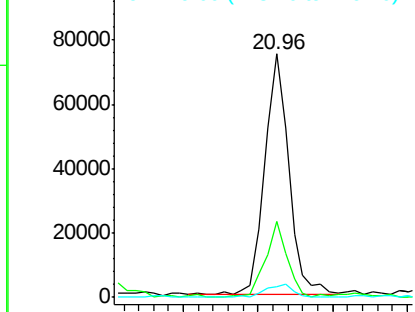
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.33 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.0	22.4	33.6
279	4.4	3.4	5.0

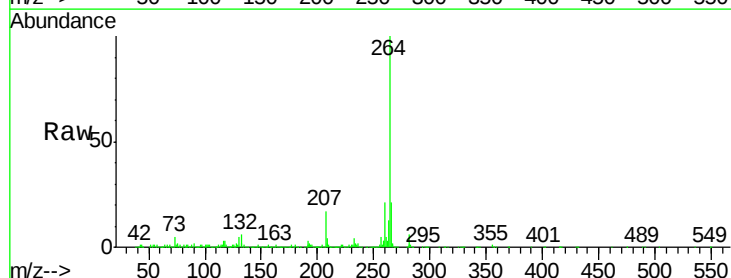


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011103.D
 Acq: 02 Aug 2017 23:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.6	27.8
265	20.7	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

