

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010872.D
 Acq On : 18 Jul 2017 13:43
 Operator : SJ/JU
 Sample : I4203-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 15:48:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

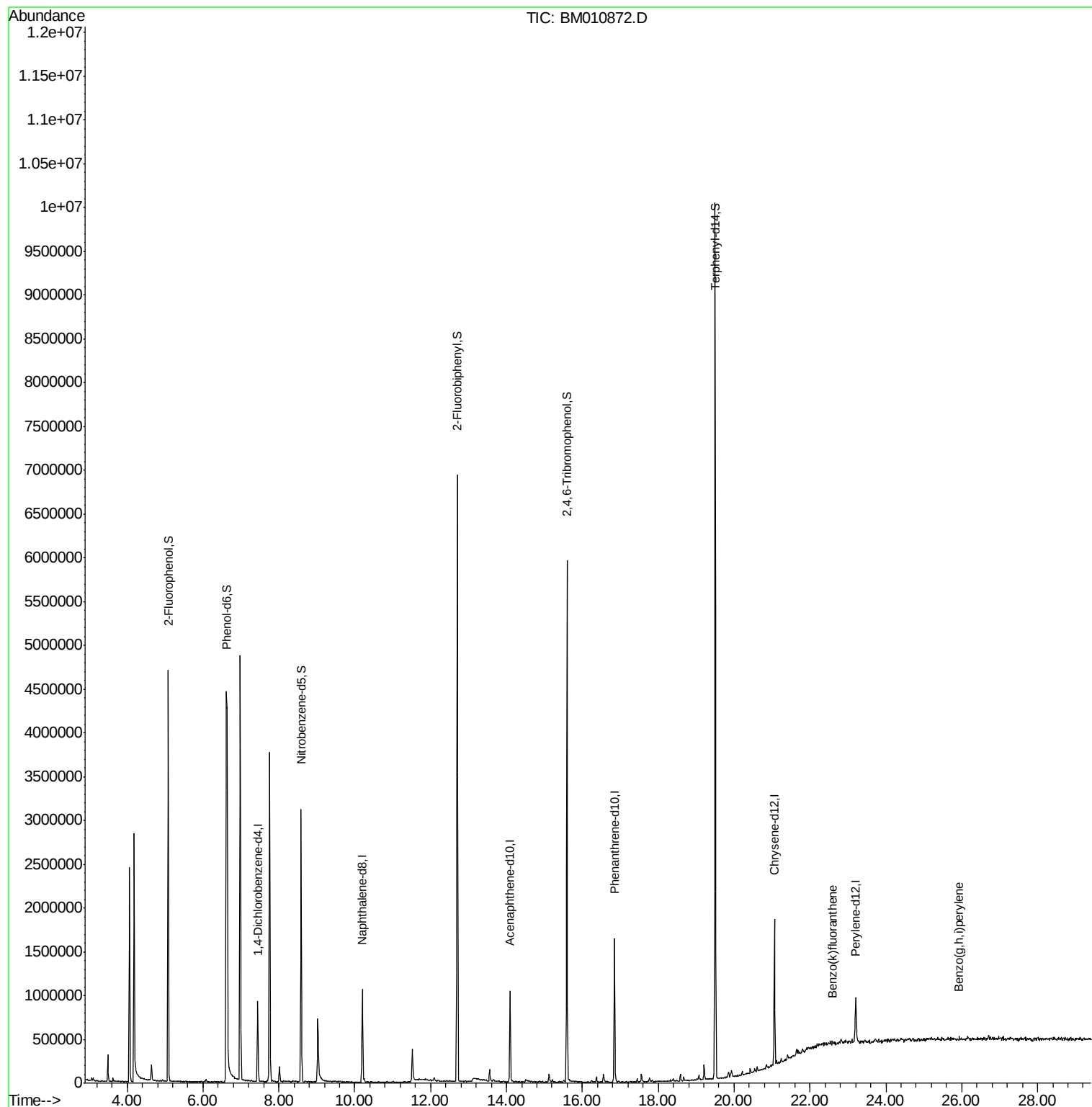
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	193572	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	680466	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	253774	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	825188	20.00	ng	0.00
75) Chrysene-d12	21.06	240	565449	20.00	ng	0.00
86) Perylene-d12	23.20	264	25717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1513419	129.51	ng	0.00
7) Phenol-d6	6.64	99	1482968	92.05	ng	0.00
23) Nitrobenzene-d5	8.59	82	1678814	94.83	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	823205	212.27	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3057181	149.87	ng	0.00
78) Terphenyl-d14	19.50	244	3748311	128.21	ng	0.00
Target Compounds						
88) Benzo(k)fluoranthene	22.60	252	4032	2.584	ng	# 76
91) Benzo(g,h,i)perylene	25.92	276	3843	2.709	ng	# 68

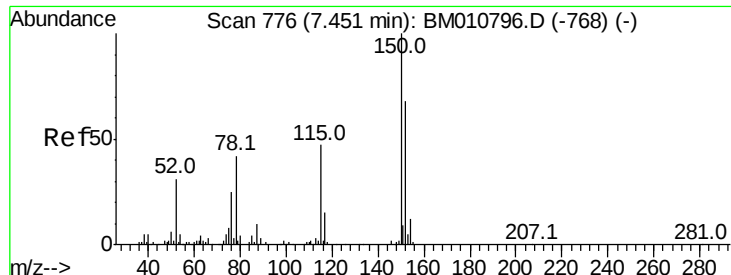
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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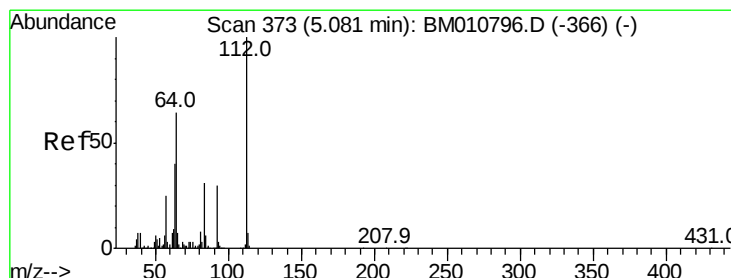
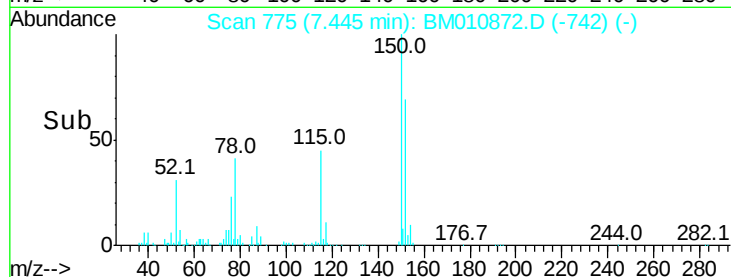
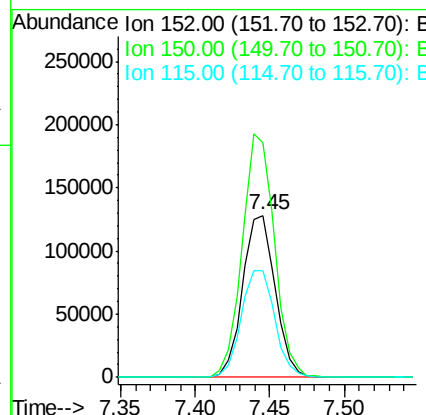
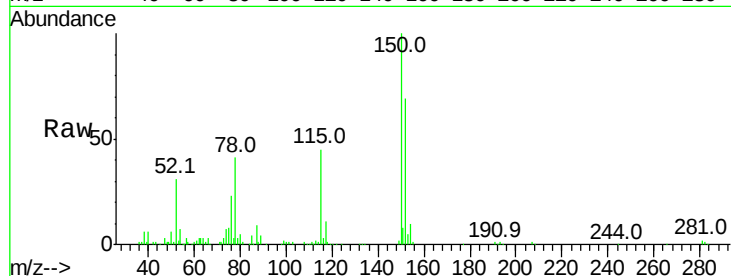


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :

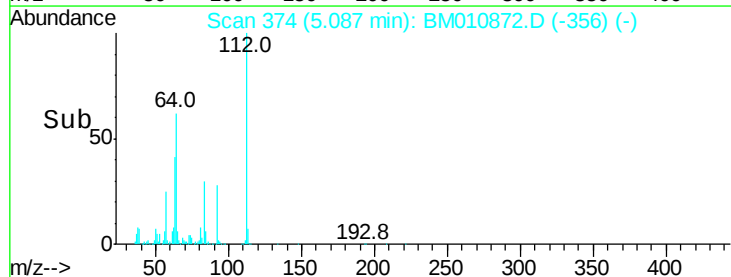
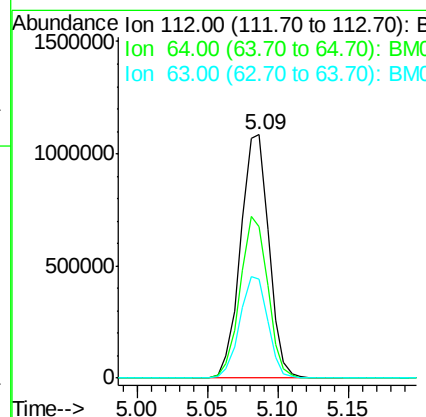
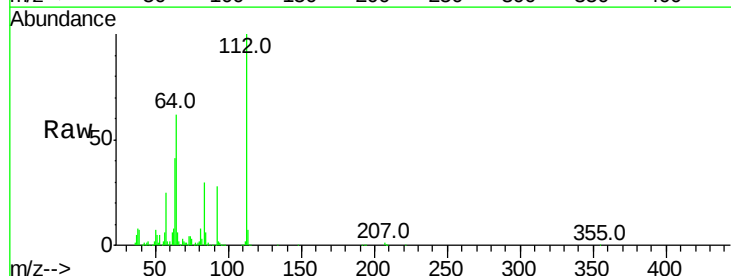
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	66.0	43.0	64.4

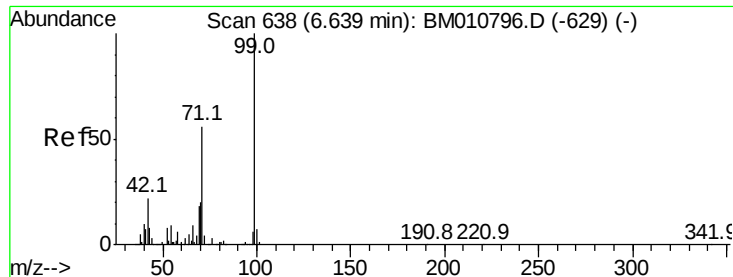


#5

2-Fluorophenol
Concen: 129.511 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8
63	40.9	19.3	28.9





#7

Phenol-d6

Concen: 92.054 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

Instrument :

BNA_M

ClientSampled :

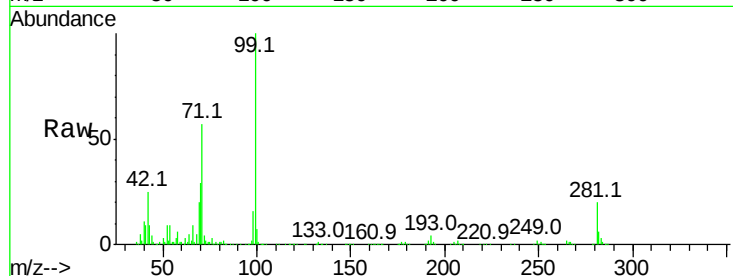
Tot Ion: 99 Resp: 1482968

Ion Ratio Lower Upper

99 100

42 25.0 11.0 16.4#

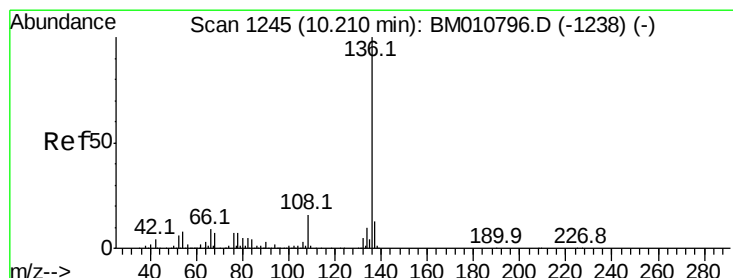
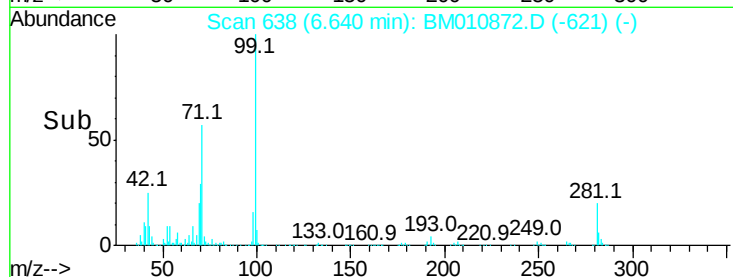
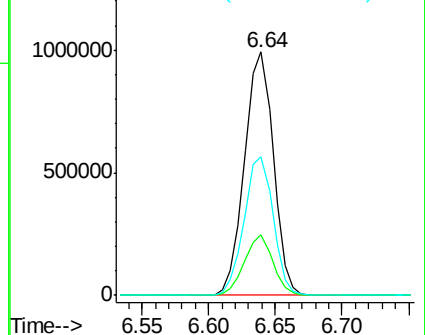
71 56.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

Tgt Ion: 136 Resp: 680466

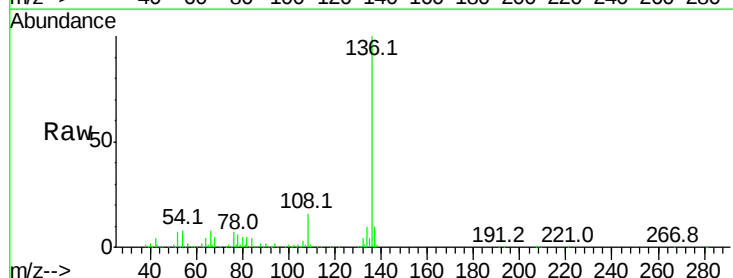
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 8.3 4.6 6.8#

68 5.5 3.7 5.5

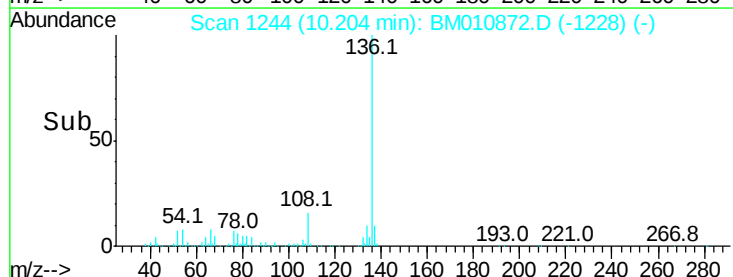
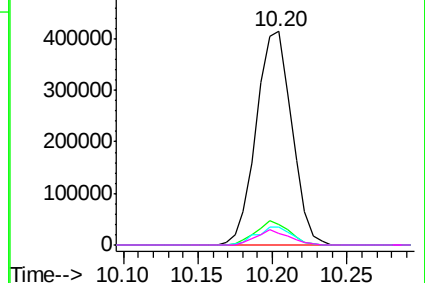


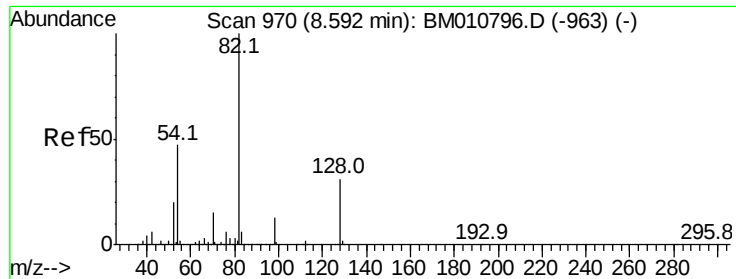
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)



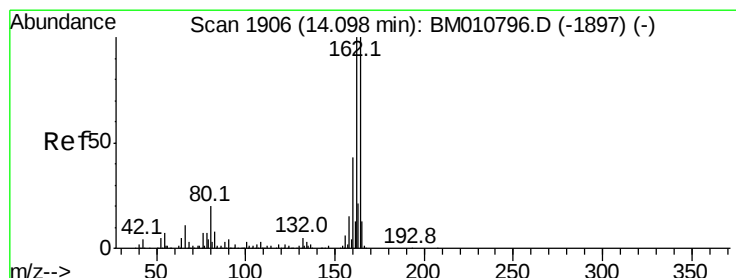
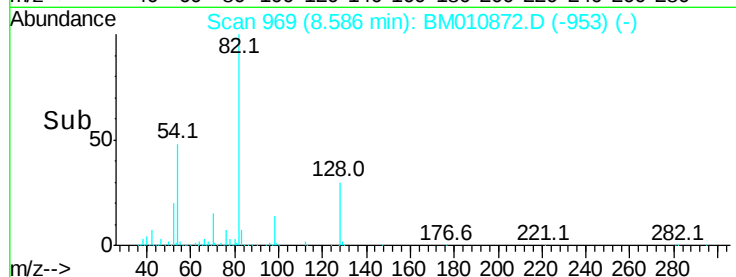
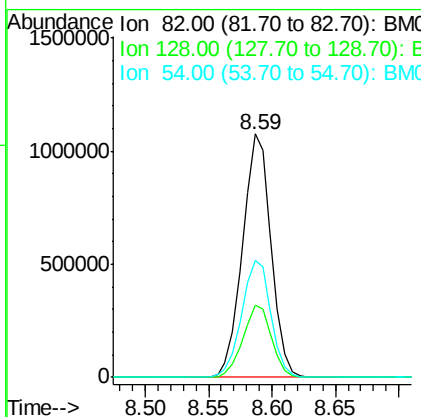
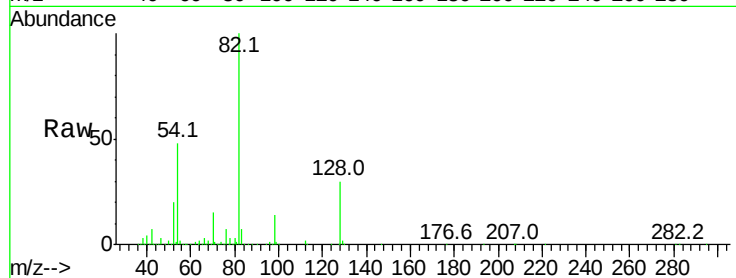


#23
 Nitrobenzene-d5
 Concen: 94.831 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010872.D
 Acq: 18 Jul 2017 13:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1678814

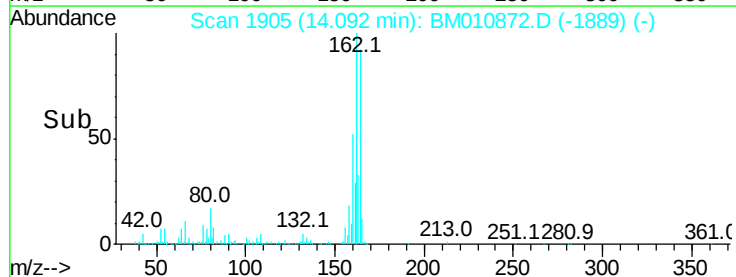
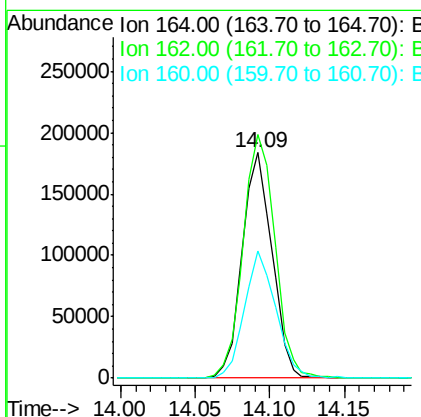
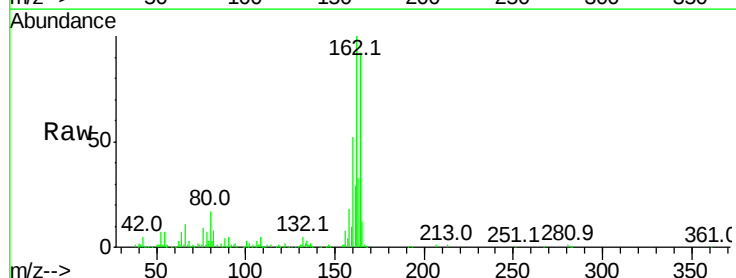
Ion	Ratio	Lower	Upper
82	100		
128	29.6	32.8	49.2#
54	47.9	40.6	60.8

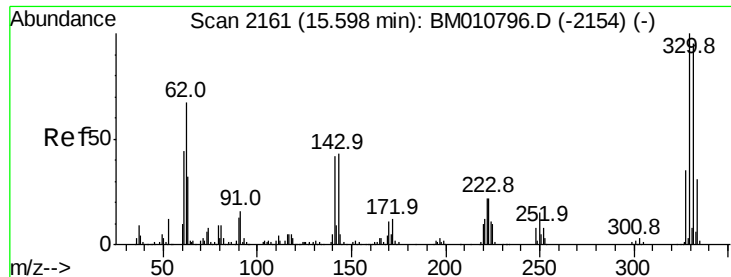


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010872.D
 Acq: 18 Jul 2017 13:43

Tgt Ion: 164 Resp: 253774

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.4	123.6
160	56.7	35.8	53.6#

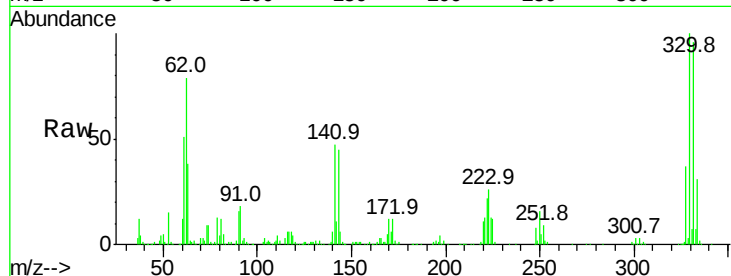




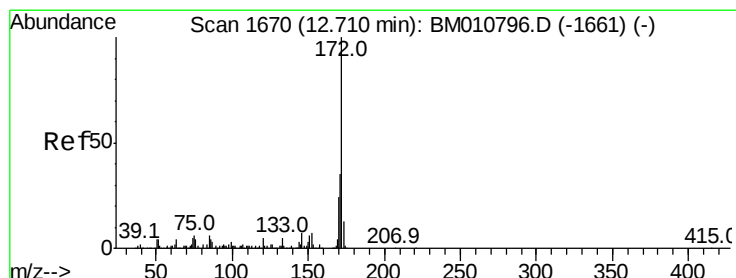
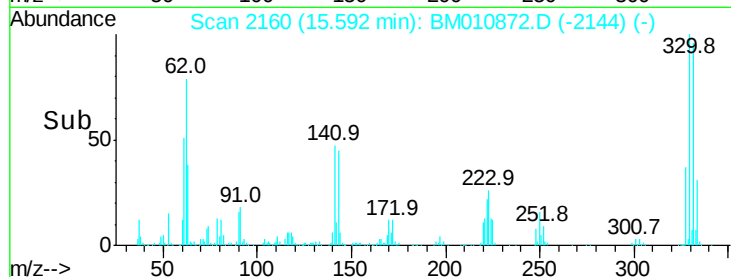
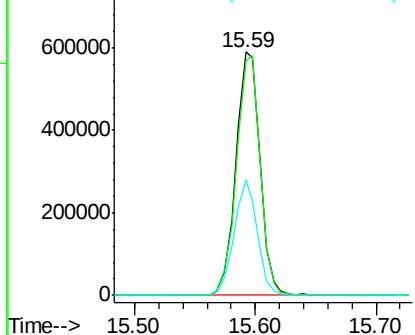
#41
 2,4,6-Tribromophenol
 Concen: 212.268 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010872.D
 Acq: 18 Jul 2017 13:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.4	0.0	0.0#

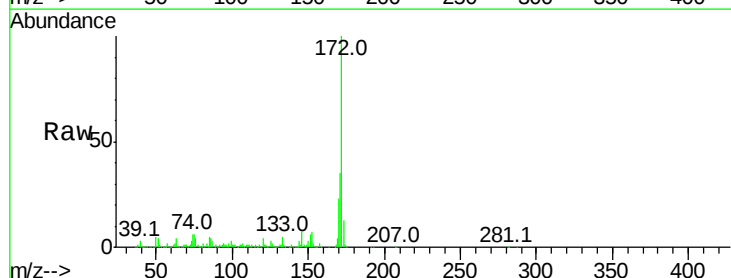


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

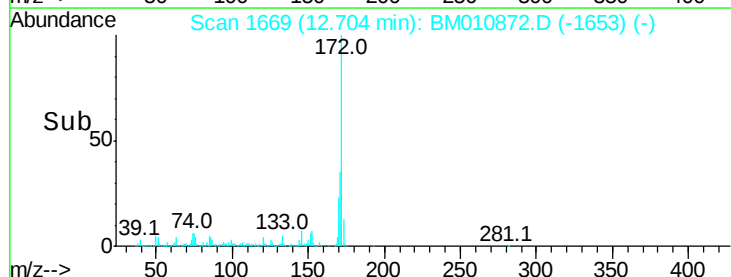
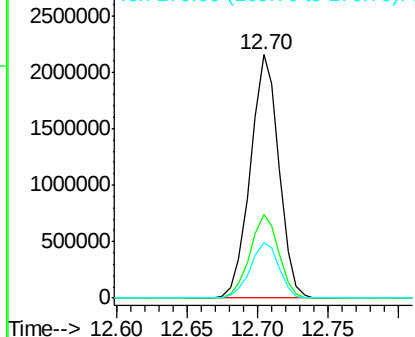


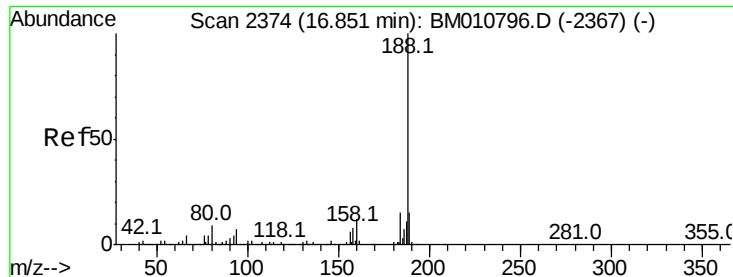
#44
 2-Fluorobiphenyl
 Concen: 149.866 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010872.D
 Acq: 18 Jul 2017 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.9	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: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

Instrument :

BNA_M

ClientSampleId :

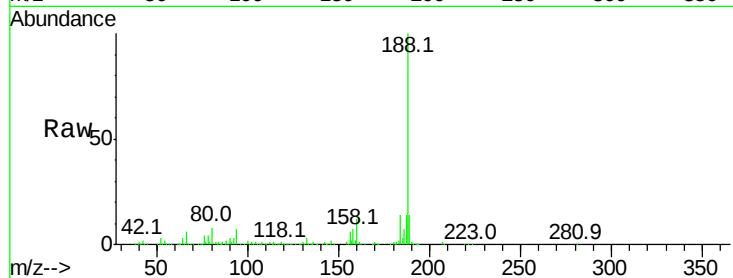
Tot Ion:188 Resp: 825188

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

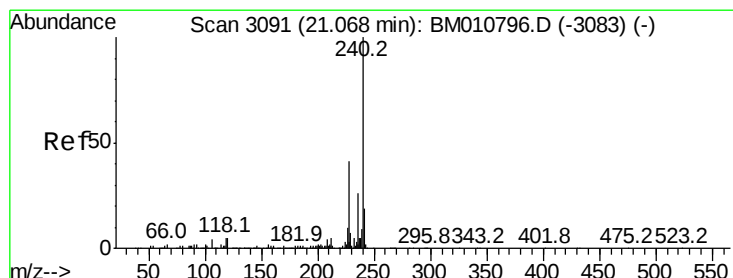
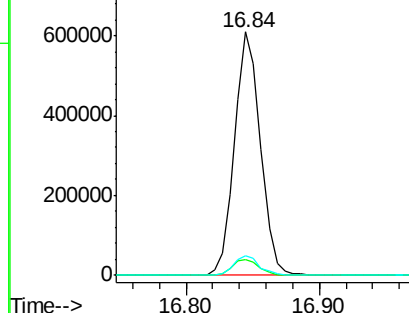
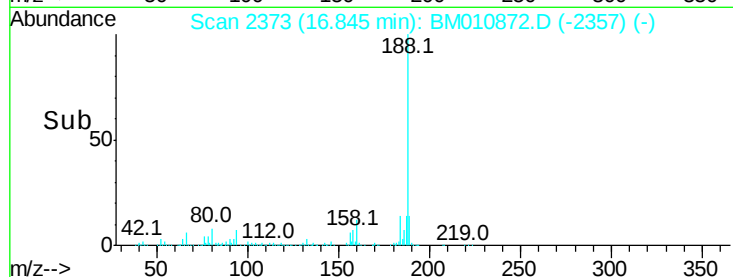
80 8.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

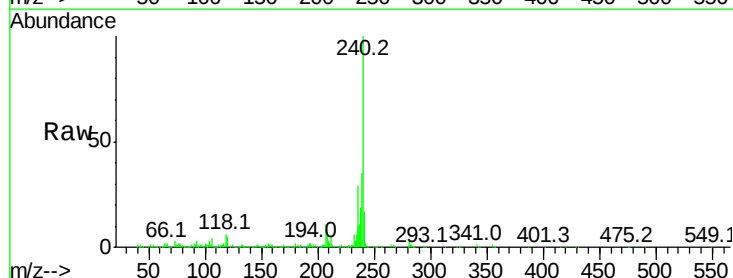
Tgt Ion:240 Resp: 565449

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

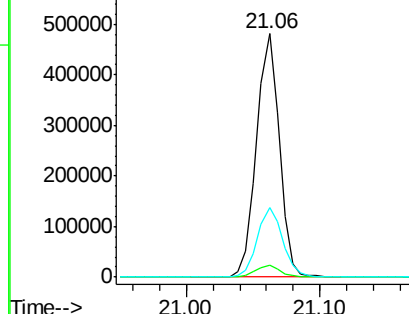
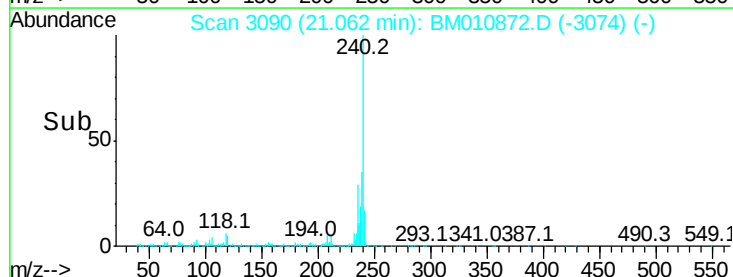
236 28.6 20.0 30.0

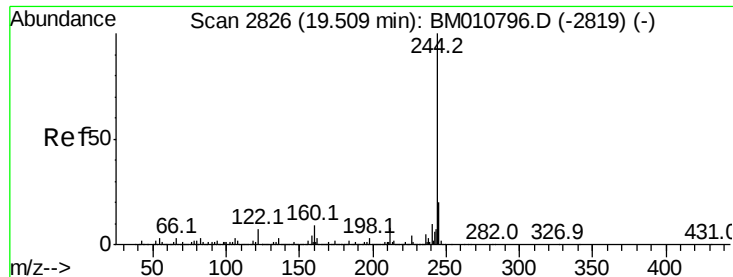


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 128.210 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

Instrument :

BNA_M

ClientSampleId :

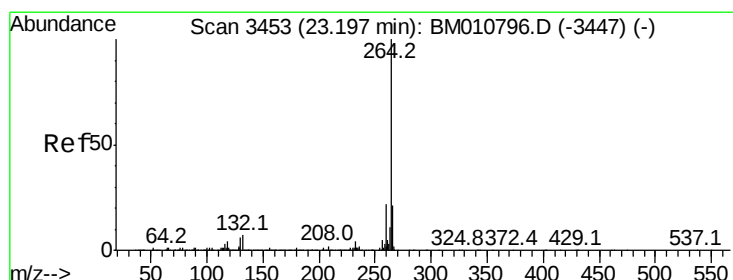
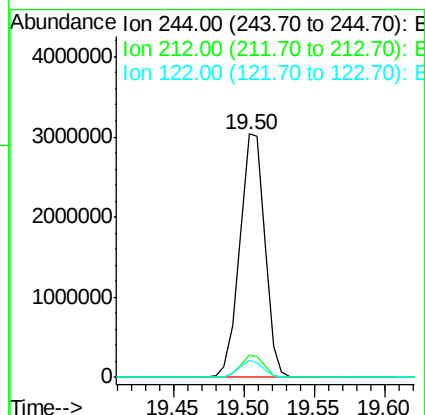
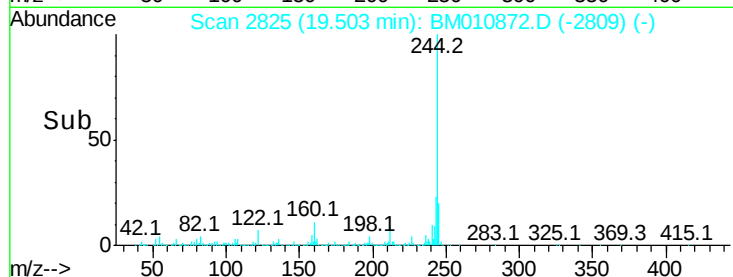
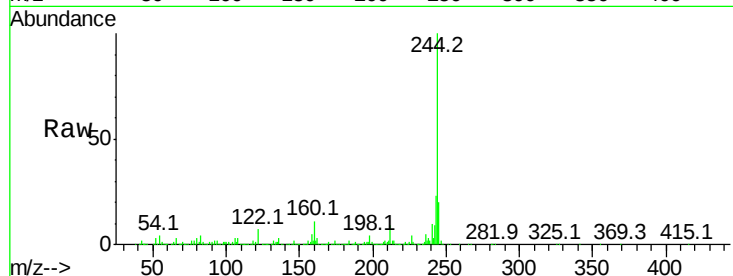
Tot Ion:244 Resp: 3748311

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

122 7.1 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010872.D

Acq: 18 Jul 2017 13:43

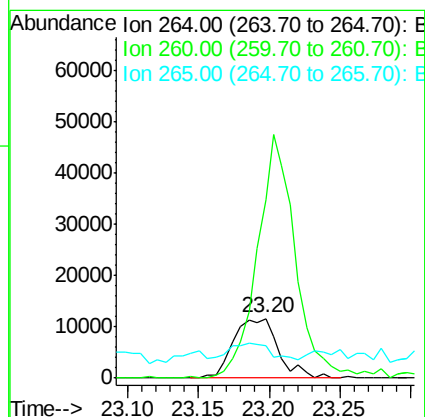
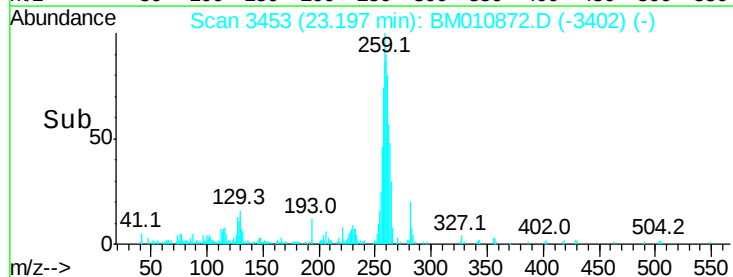
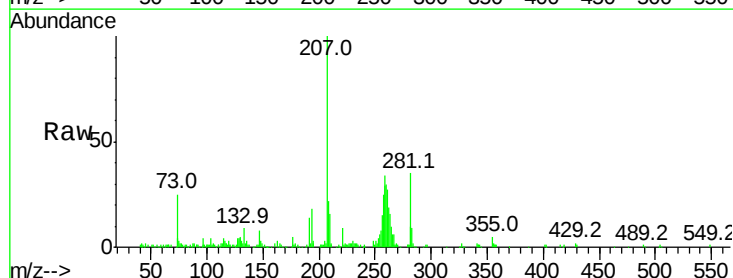
Tgt Ion:264 Resp: 25717

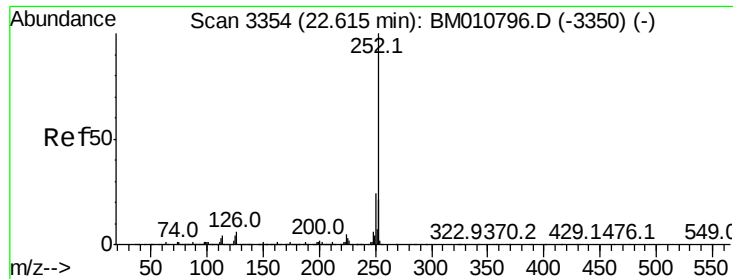
Ion Ratio Lower Upper

264 100

260 300.9 18.6 27.8#

265 54.5 17.3 25.9#

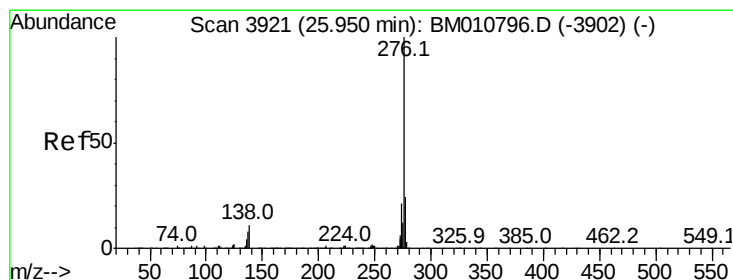
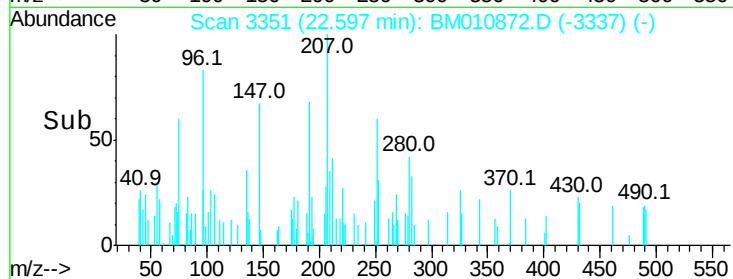
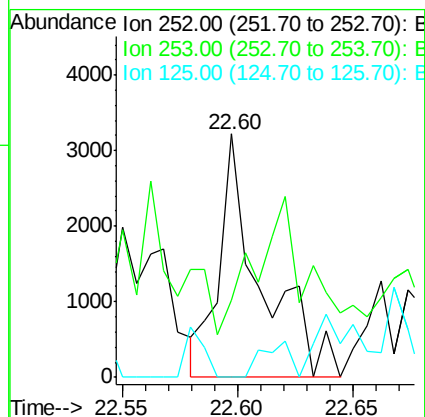
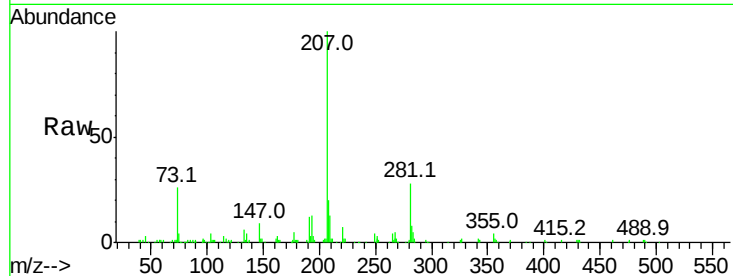




#88
Benzo(k)fluoranthene
Concen: 2.584 ng
RT: 22.60 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 4032
Ion Ratio Lower Upper
252 100
253 31.8 17.2 25.8#
125 0.0 8.1 12.1#



#91
Benzo(g,h,i)perylene
Concen: 2.709 ng
RT: 25.92 min Scan# 3916
Delta R.T. -0.03 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:276 Resp: 3843
Ion Ratio Lower Upper
276 100
277 15.4 18.5 27.7#
138 0.0 19.0 28.6#

