

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010867.D
 Acq On : 18 Jul 2017 10:43
 Operator : SJ/JU
 Sample : I4176-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 14:44:38 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	7.44	152	247455	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	969158	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	560534	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1448519	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1175402	20.00	ng	0.00
86) Perylene-d12	23.19	264	234801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1969876	131.87	ng	0.00
7) Phenol-d6	6.64	99	2374771	115.31	ng	0.00
23) Nitrobenzene-d5	8.59	82	2196977	87.13	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1289700	150.56	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4331183	96.12	ng	0.00
78) Terphenyl-d14	19.51	244	6121730	100.73	ng	0.00

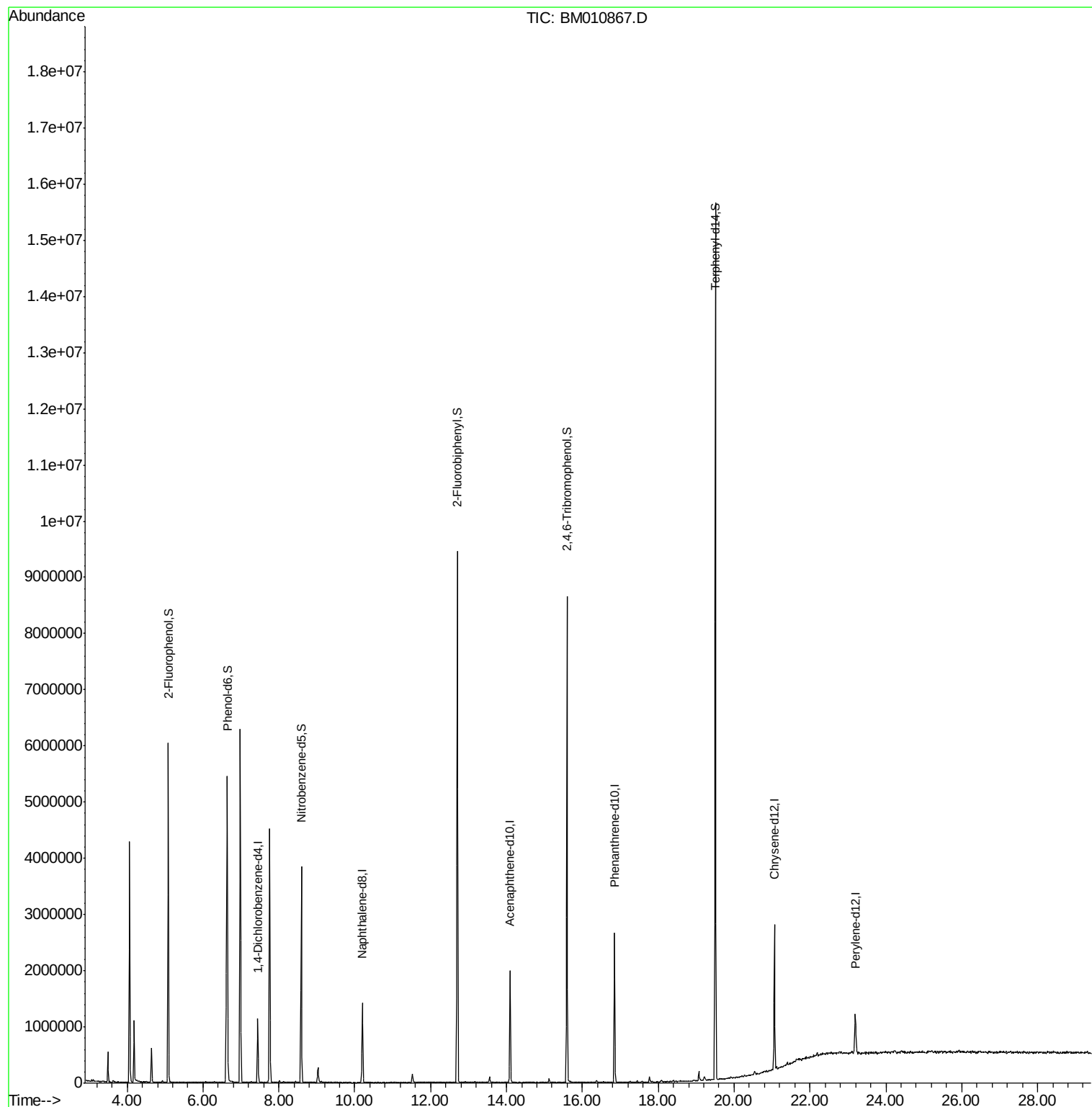
Target Compounds Qvalue

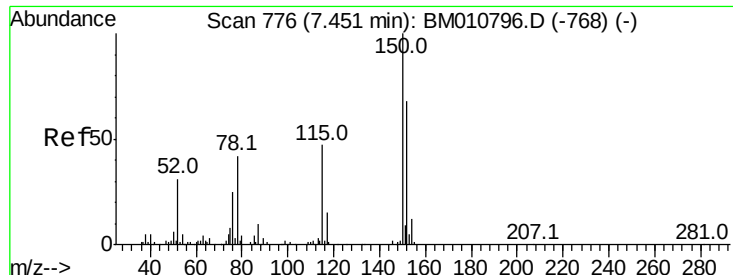
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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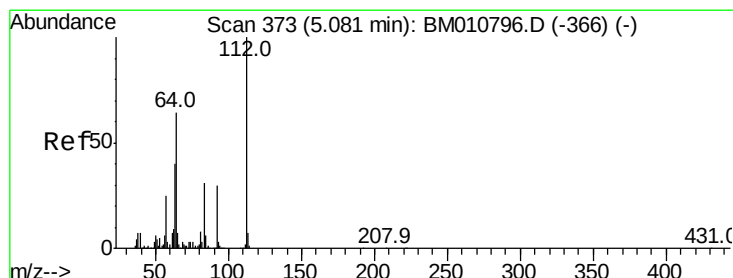
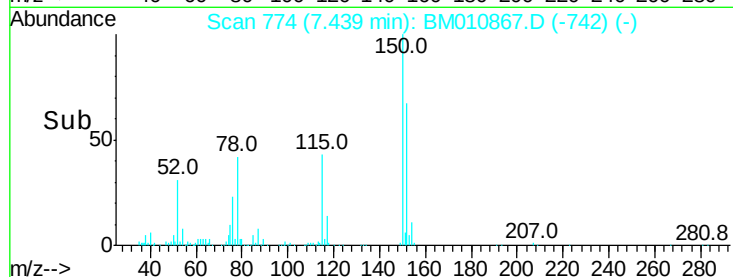
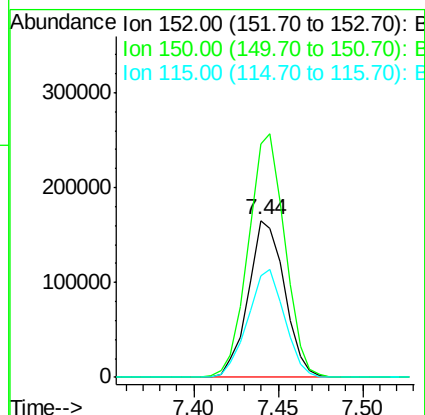
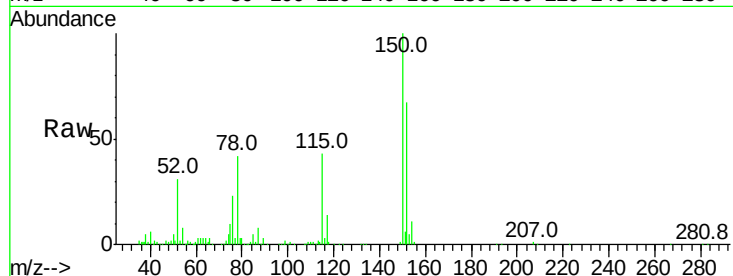


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010867.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_M
ClientSampleId :

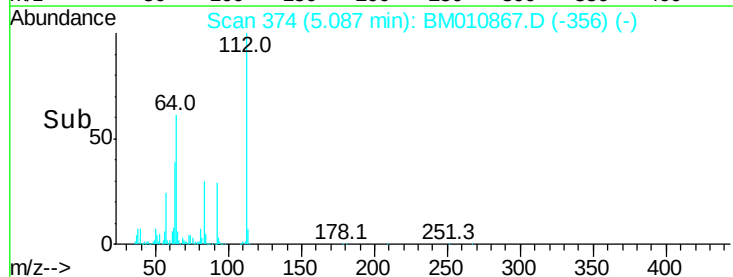
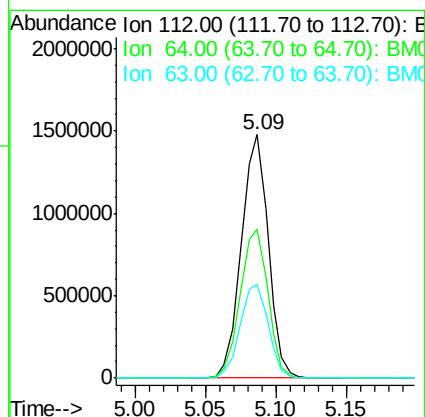
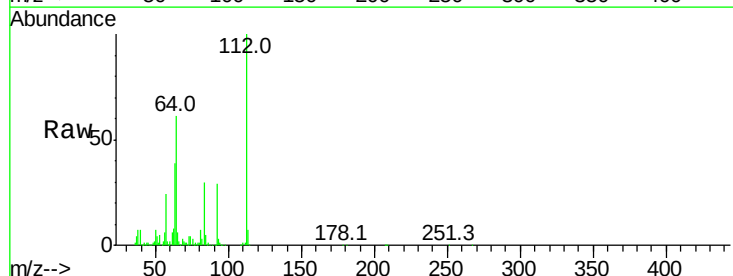
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	64.5	43.0	64.4#

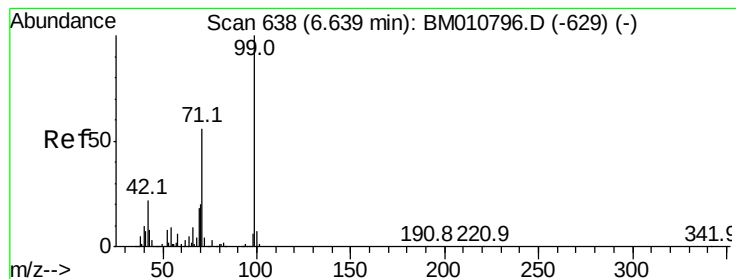


#5

2-Fluorophenol
Concen: 131.866 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010867.D
Acq: 18 Jul 2017 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	38.6	57.8#
63	38.8	19.3	28.9#





#7

Phenol-d6

Concen: 115.313 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010867.D

Acq: 18 Jul 2017 10:43

Instrument :

BNA_M

ClientSampleId :

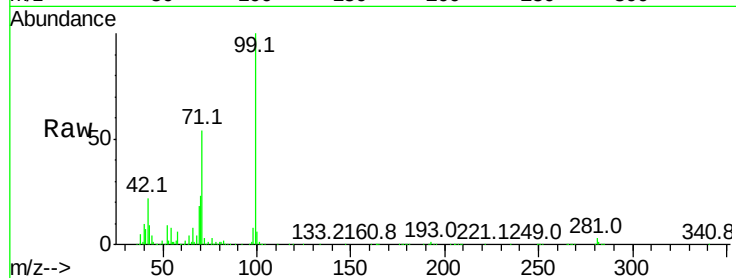
Tot Ion: 99 Resp: 2374771

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

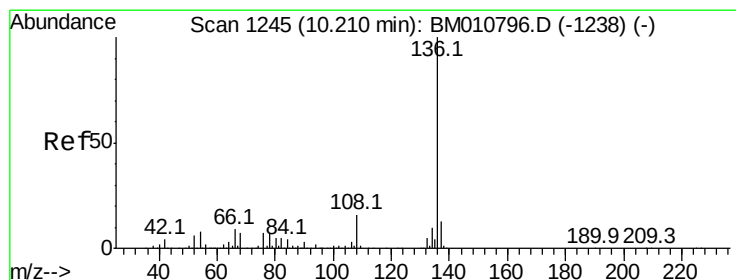
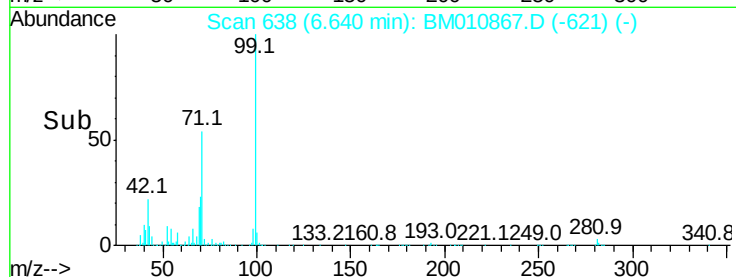
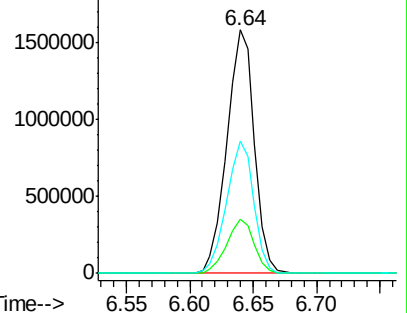
71 54.4 23.4 35.2#



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# 1243

Delta R.T. -0.01 min

Lab File: BM010867.D

Acq: 18 Jul 2017 10:43

Tgt Ion:136 Resp: 969158

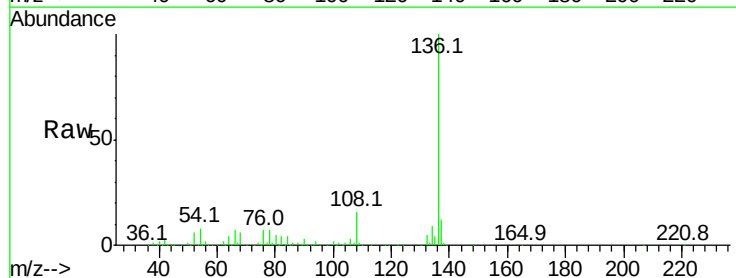
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 8.3 4.6 6.8#

68 6.0 3.7 5.5#

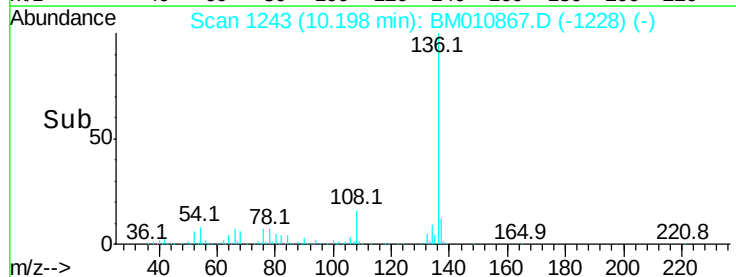
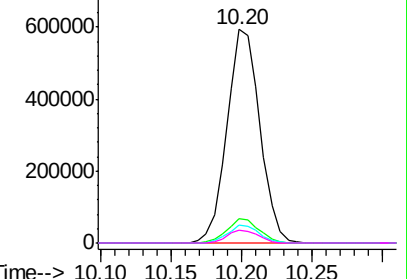


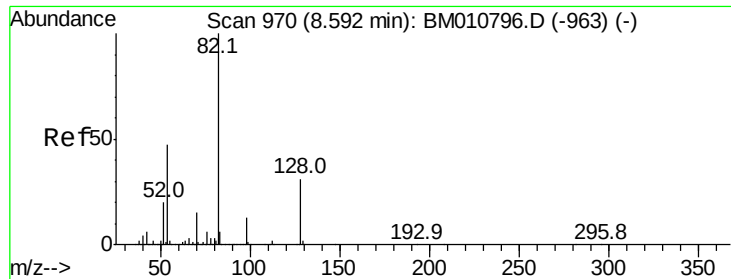
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

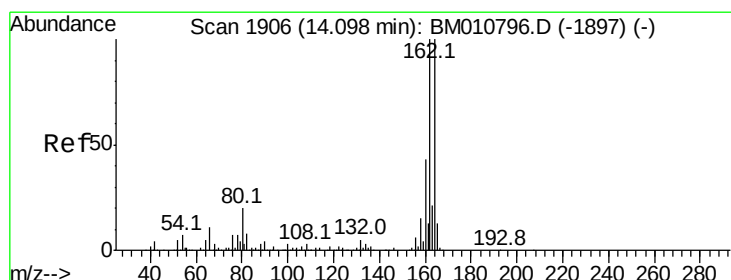
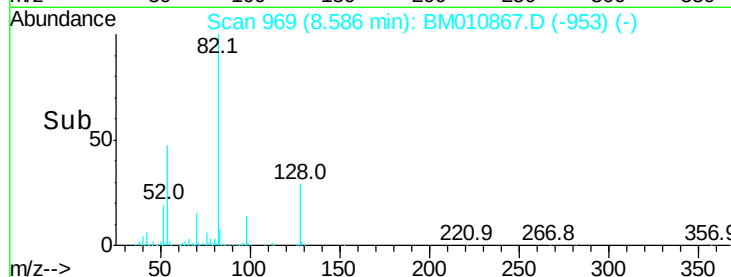
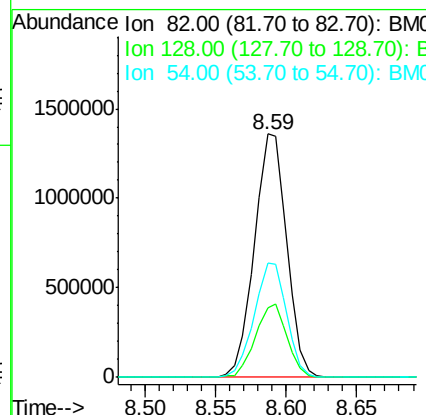
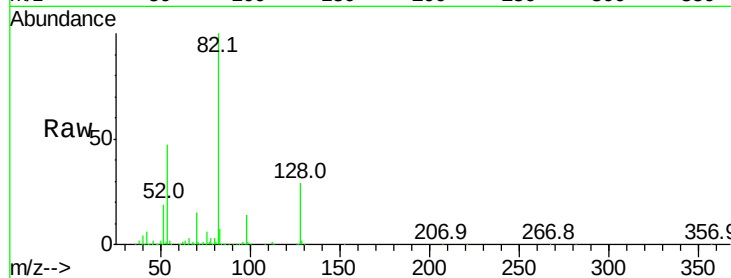




#23
 Nitrobenzene-d5
 Concen: 87.134 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

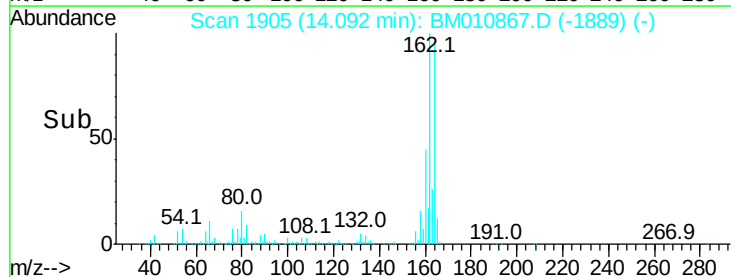
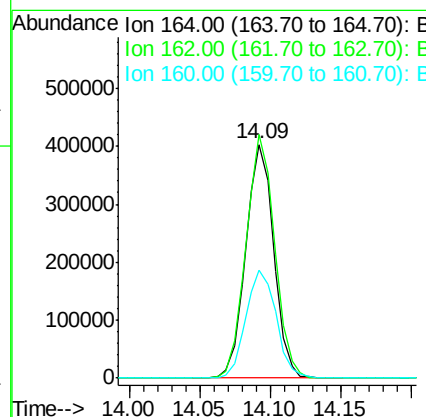
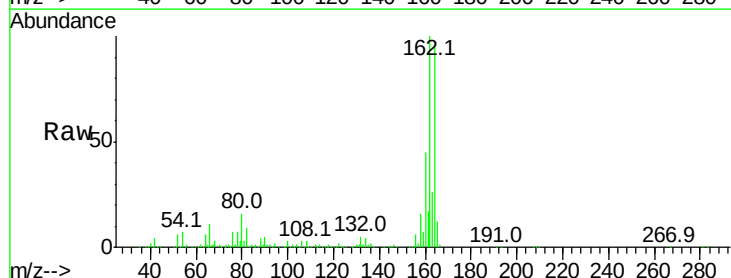
Instrument :
 BNA_M
 ClientSampleId :

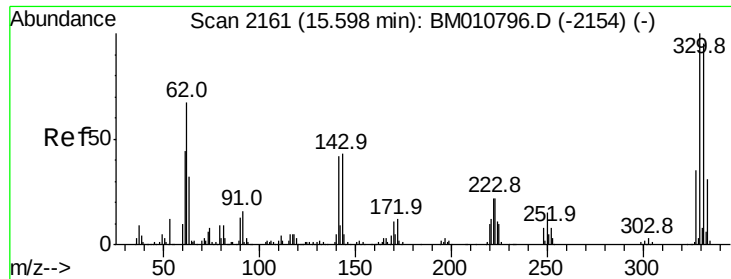
Tot Ion: 82 Resp: 2196977
 Ion Ratio Lower Upper
 82 100
 128 28.5 32.8 49.2#
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

Tgt Ion: 164 Resp: 560534
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.4 123.6
 160 46.4 35.8 53.6

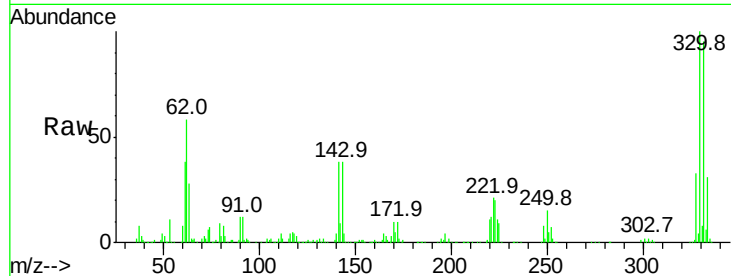




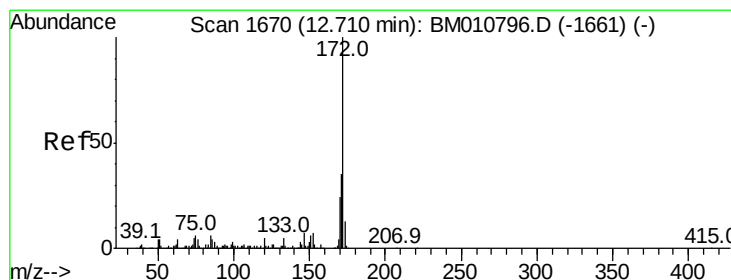
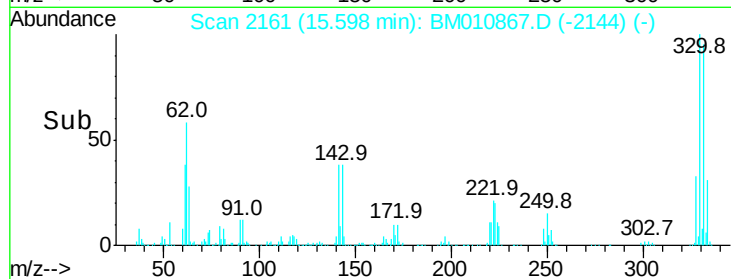
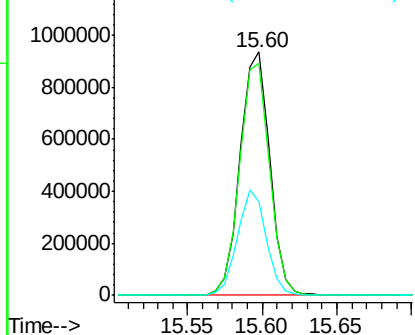
#41
 2,4,6-Tribromophenol
 Concen: 150.560 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1289700
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 42.5 0.0 0.0#

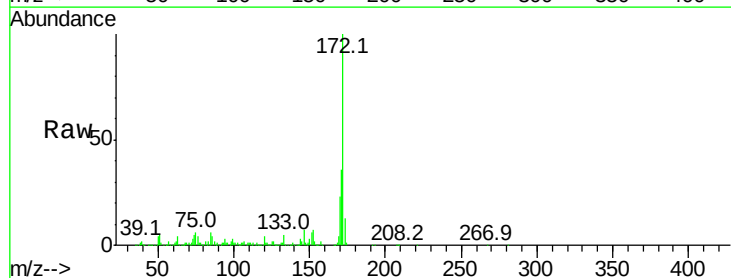


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

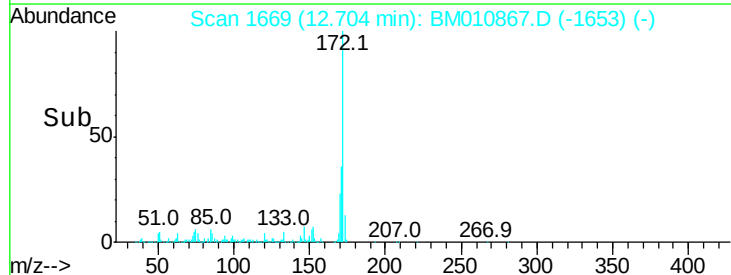
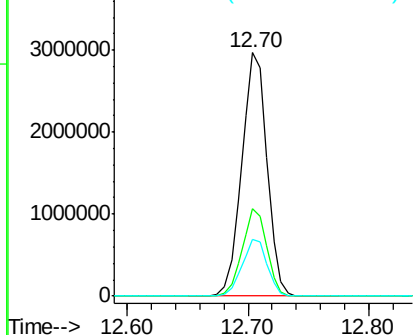


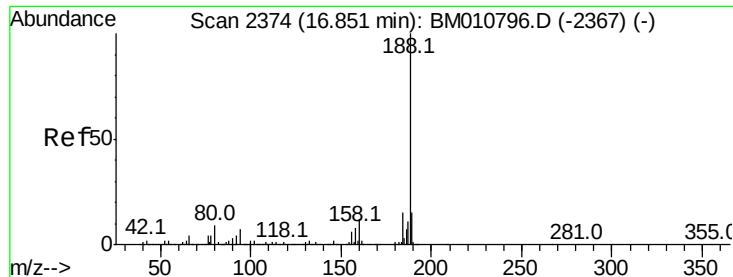
#44
 2-Fluorobiphenyl
 Concen: 96.124 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

Tgt Ion:172 Resp: 4331183
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.2 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: BM010867.D

Acq: 18 Jul 2017 10:43

Instrument :

BNA_M

ClientSampleId :

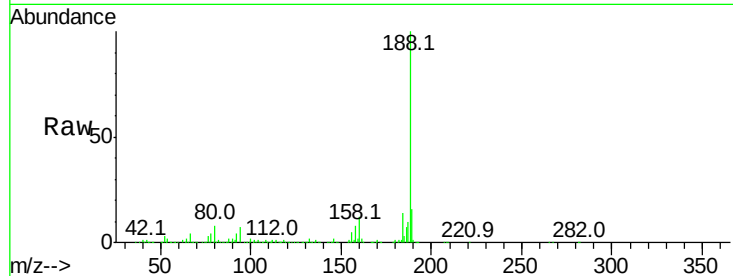
Tot Ion:188 Resp: 1448519

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

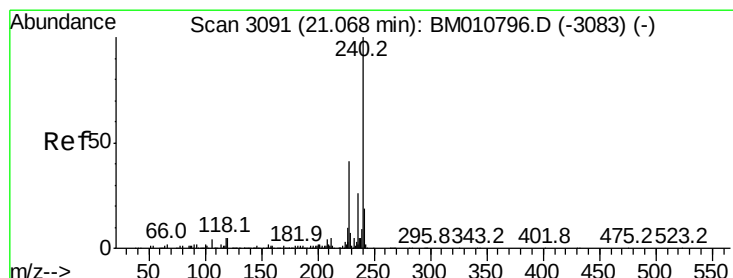
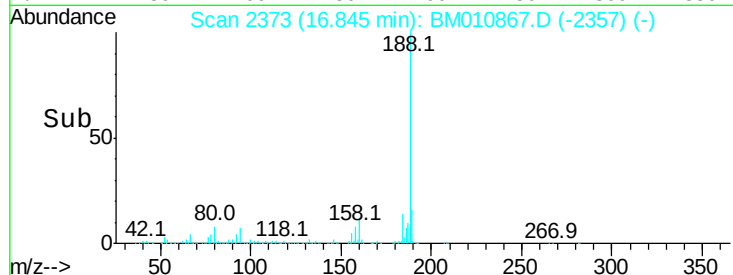
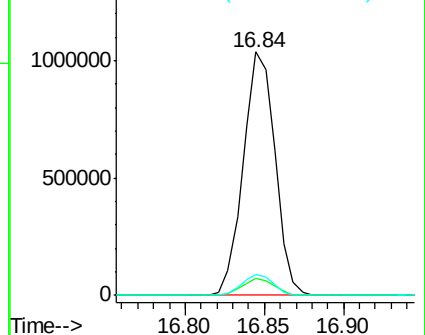
80 8.4 9.3 13.9#



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: BM010867.D

Acq: 18 Jul 2017 10:43

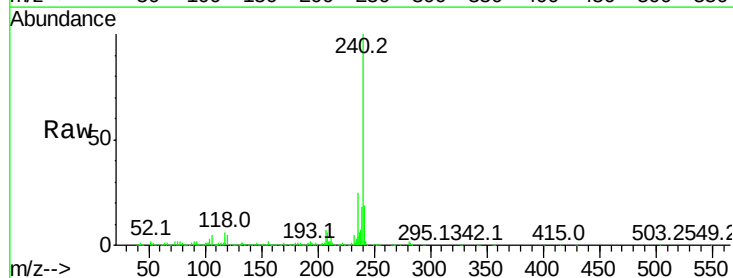
Tgt Ion:240 Resp: 1175402

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

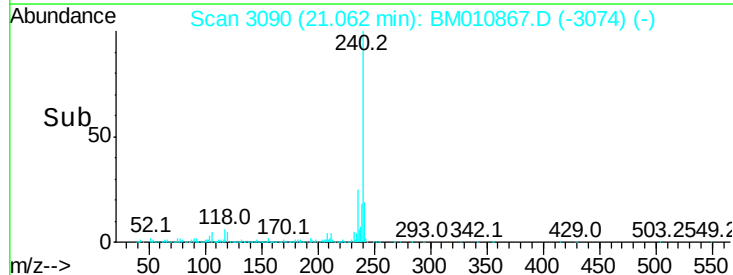
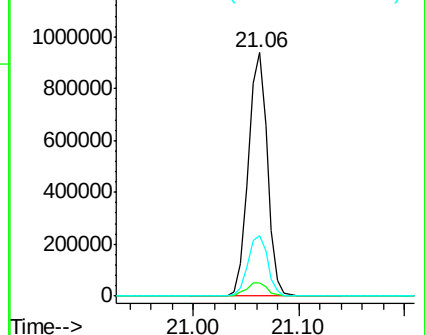
236 24.9 20.0 30.0

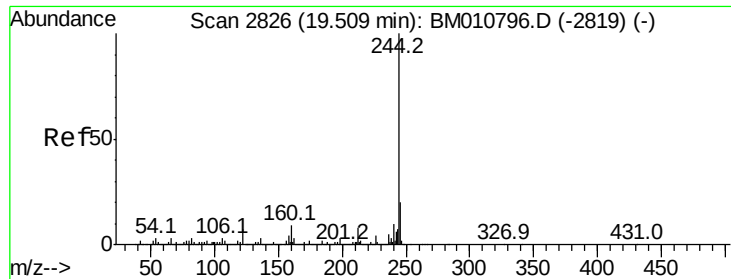


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



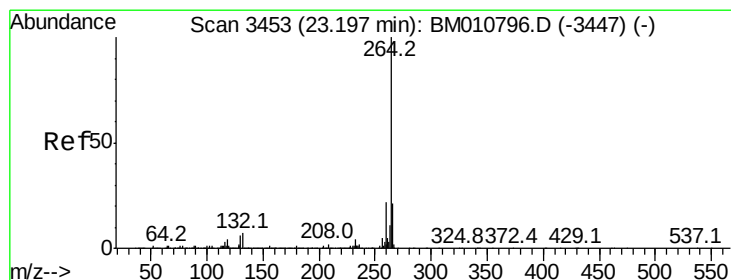
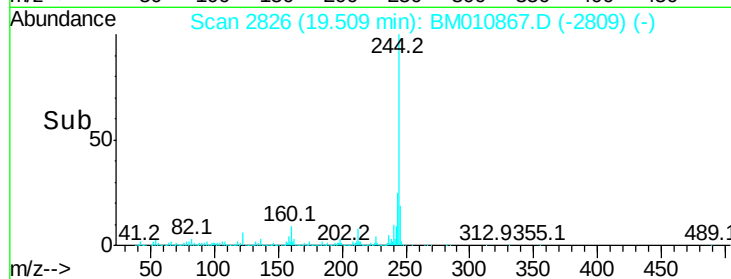
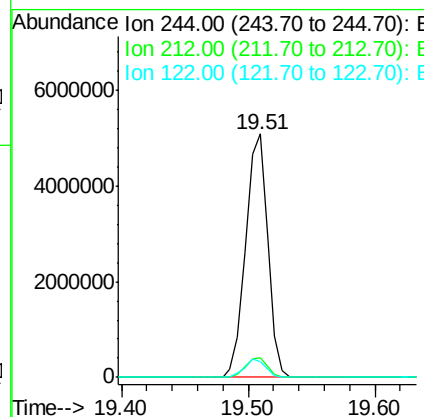
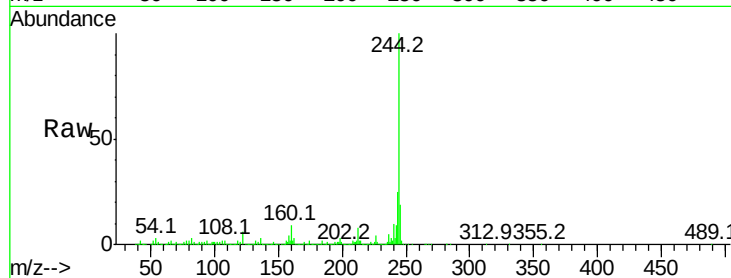


#78
 Terphenyl-d14
 Concen: 100.732 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6121730

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010867.D
 Acq: 18 Jul 2017 10:43

Tgt Ion:264 Resp: 234801

Ion	Ratio	Lower	Upper
264	100		
260	41.5	18.6	27.8#
265	23.9	17.3	25.9

