

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010899.D
 Acq On : 19 Jul 2017 18:39
 Operator : SJ/JU
 Sample : I4245-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:10:12 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	194525	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	735795	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	474101	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1110790	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1019877	20.00	ng	0.00
86) Perylene-d12	23.19	264	747368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1796257	152.96	ng	0.00
7) Phenol-d6	6.64	99	2342639	144.71	ng	0.00
23) Nitrobenzene-d5	8.59	82	1914608	100.02	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1126358	155.46	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3783952	99.29	ng	0.00
78) Terphenyl-d14	19.50	244	5316144	100.82	ng	0.00

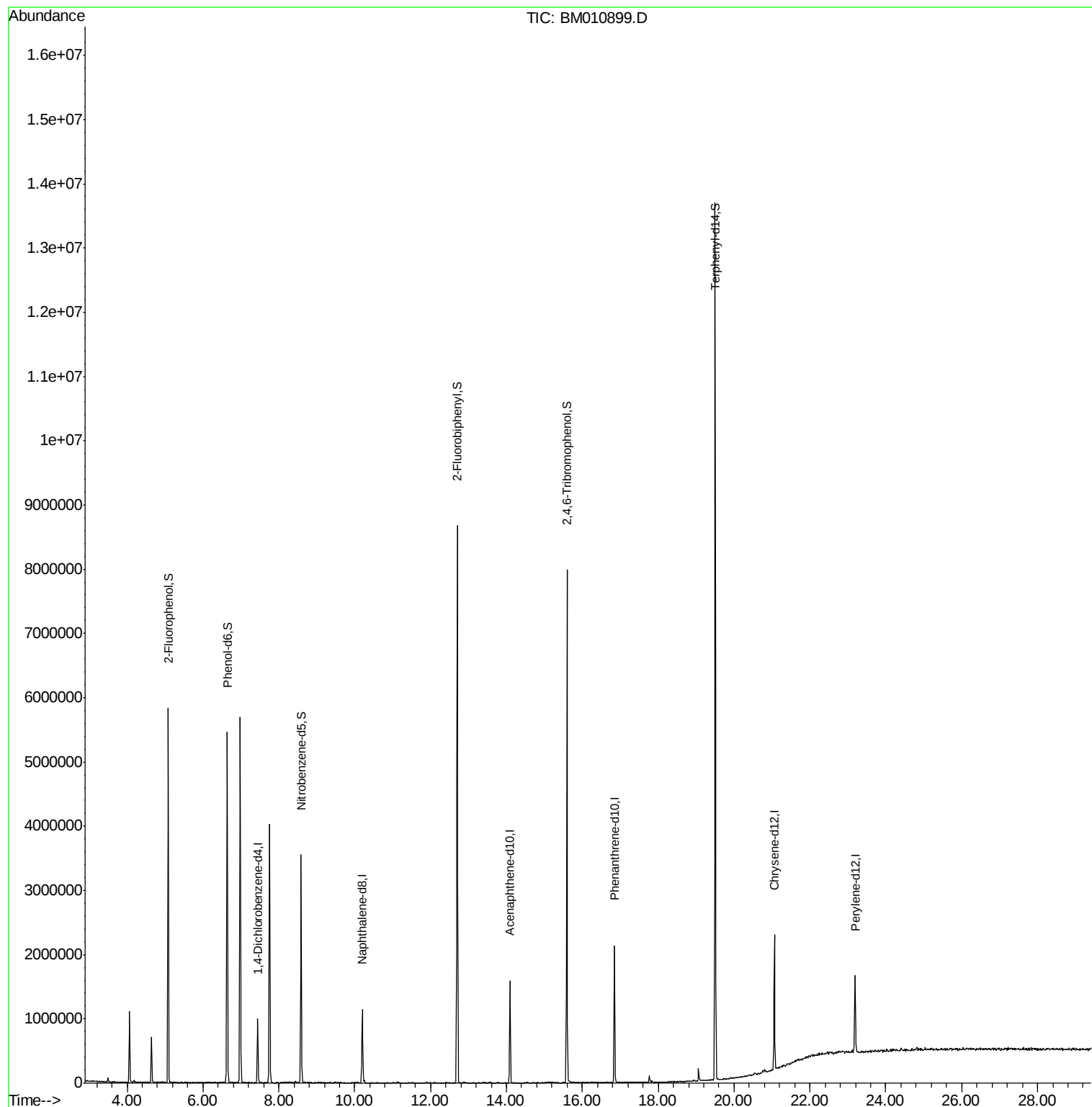
Target Compounds Qvalue

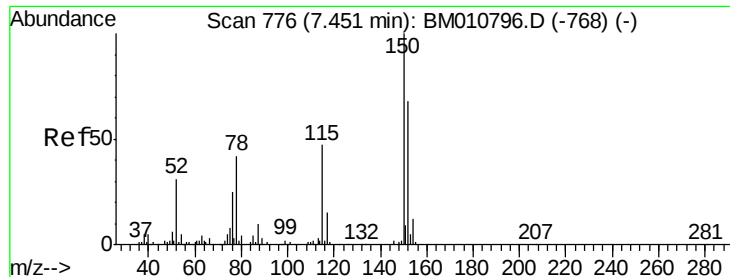
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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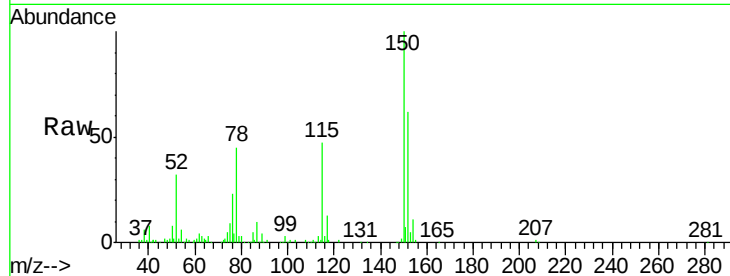


#1

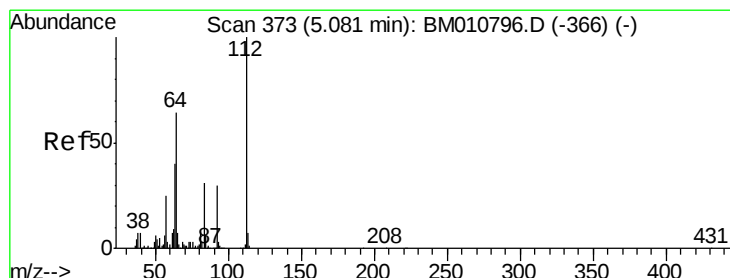
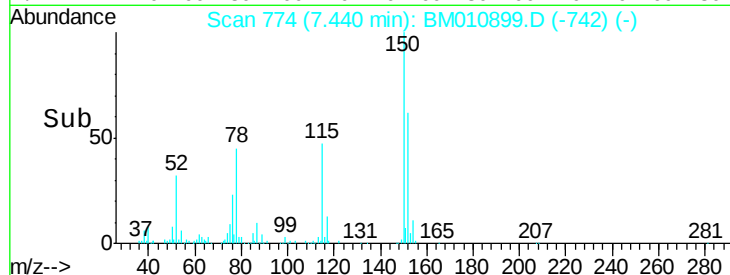
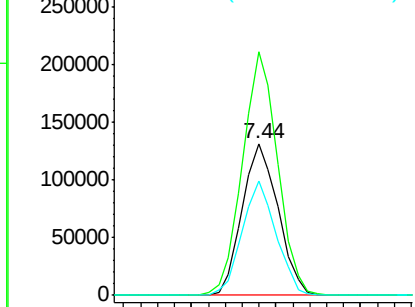
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 194525
Ion Ratio Lower Upper
152 100
150 160.3 119.5 179.3
115 75.6 43.0 64.4#



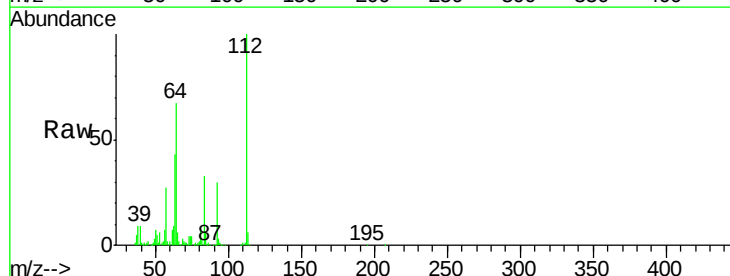
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



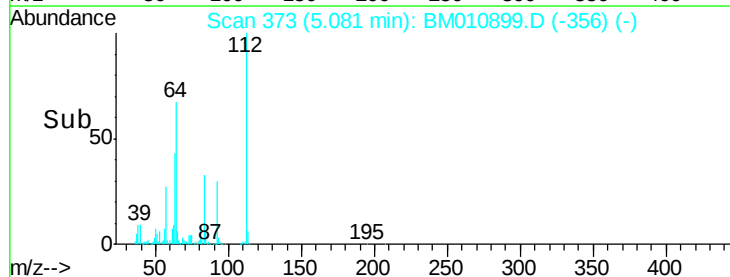
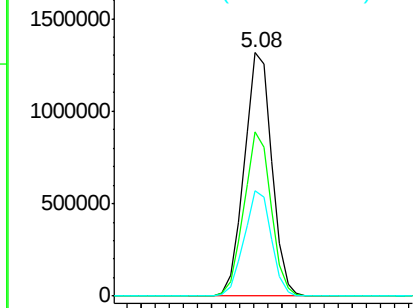
#5

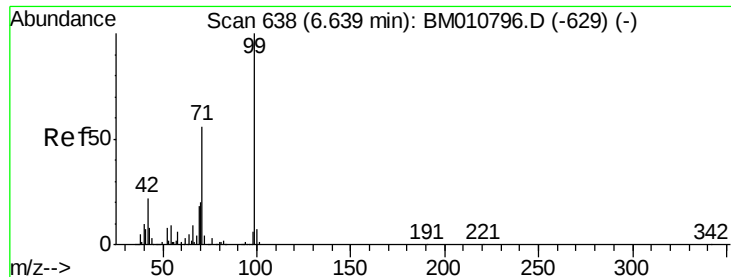
2-Fluorophenol
Concen: 152.96 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Tgt Ion:112 Resp: 1796257
Ion Ratio Lower Upper
112 100
64 67.5 38.6 57.8#
63 43.0 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: 144.71 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

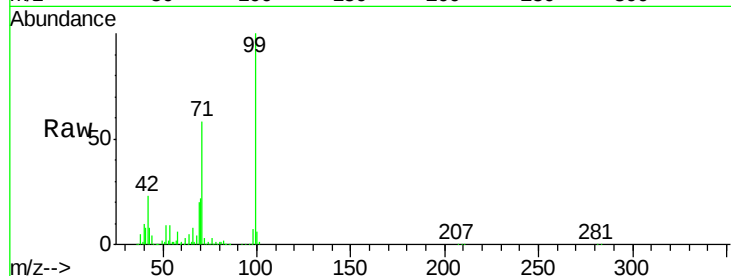
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2342639

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	58.4	23.4	35.2#

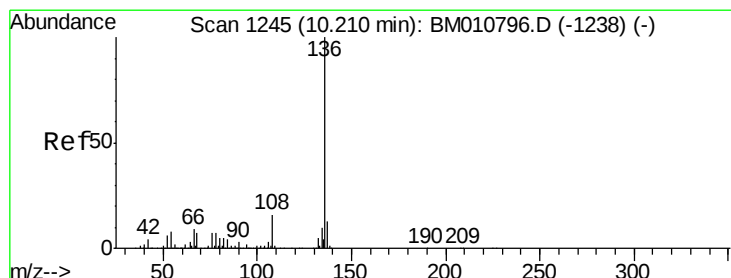
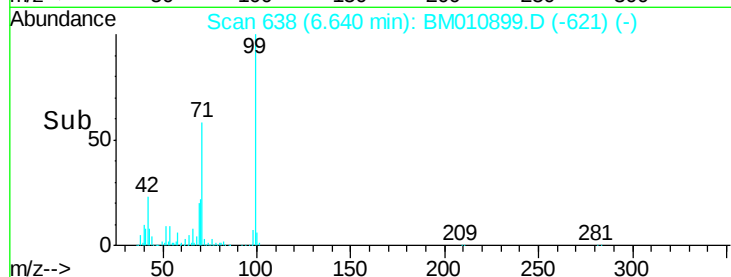
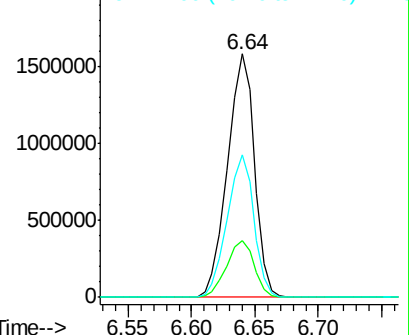


Abundance

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: 20.00 ng

RT: 10.20 min Scan# 1243

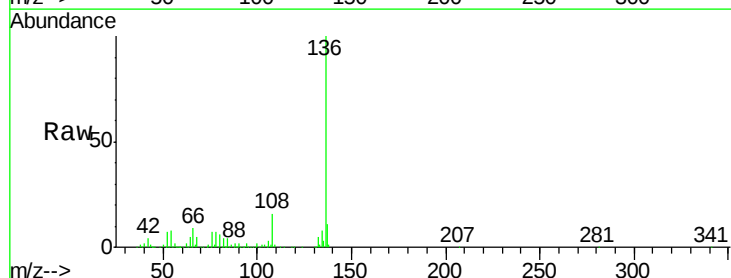
Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Tgt Ion: 136 Resp: 735795

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	4.6	6.8#
68	5.3	3.7	5.5



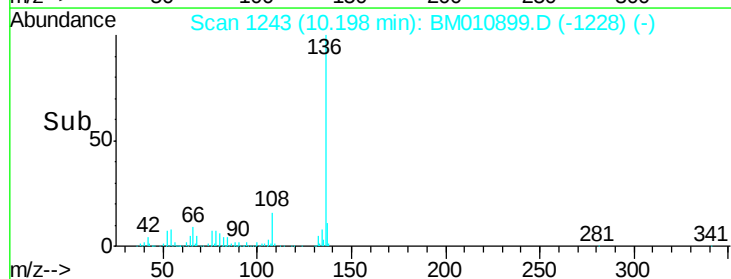
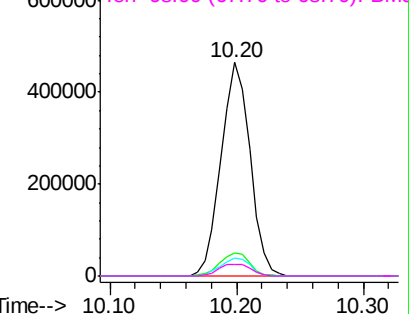
Abundance

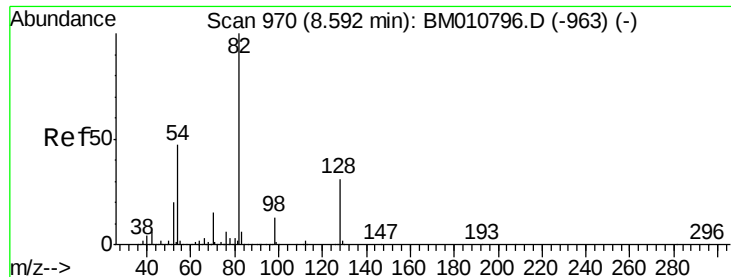
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

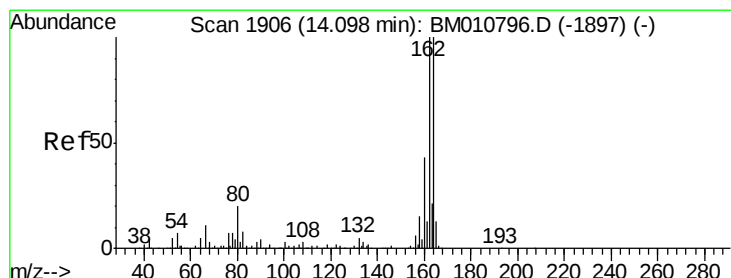
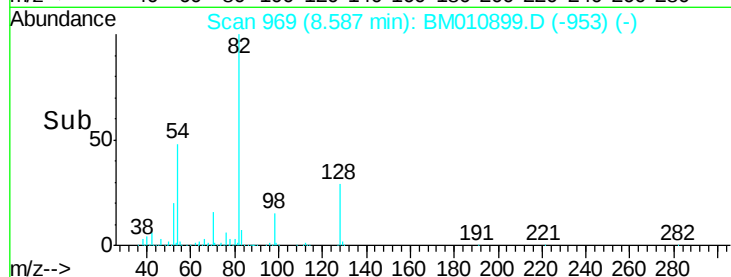
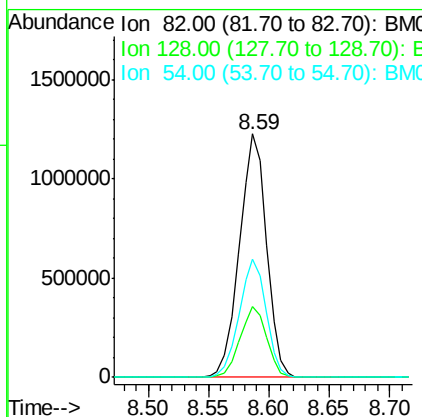
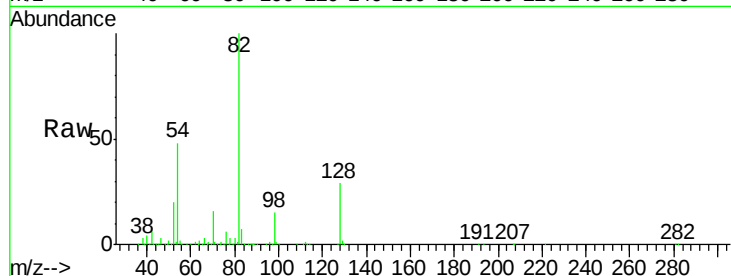




#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

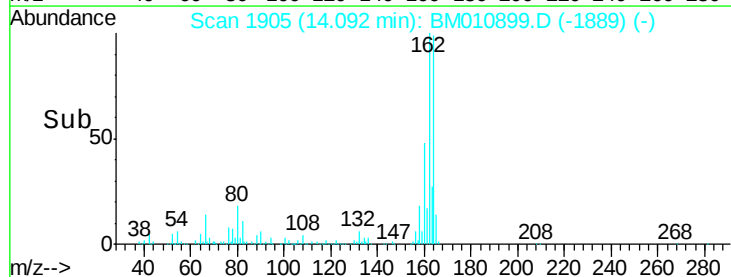
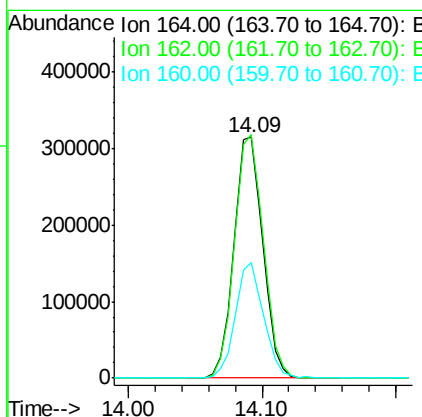
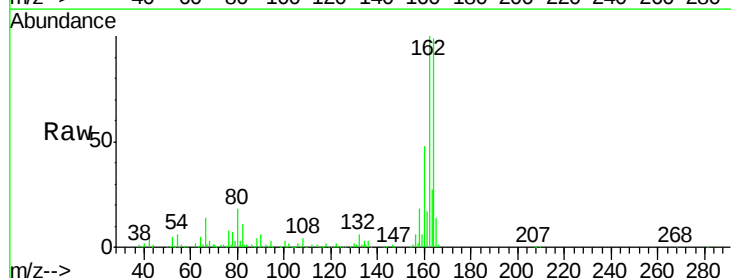
Instrument :
BNA_M
ClientSampleId :

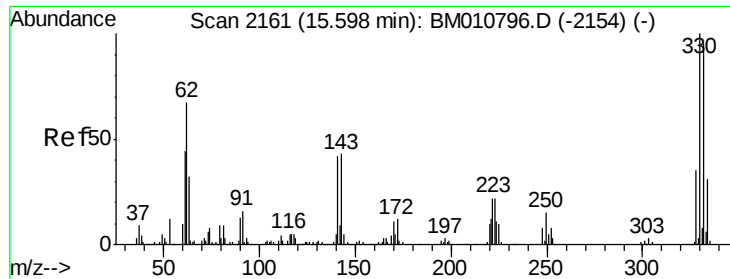
Tot Ion: 82 Resp: 1914608
Ion Ratio Lower Upper
82 100
128 28.9 32.8 49.2#
54 48.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Tgt Ion:164 Resp: 474101
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 48.0 35.8 53.6

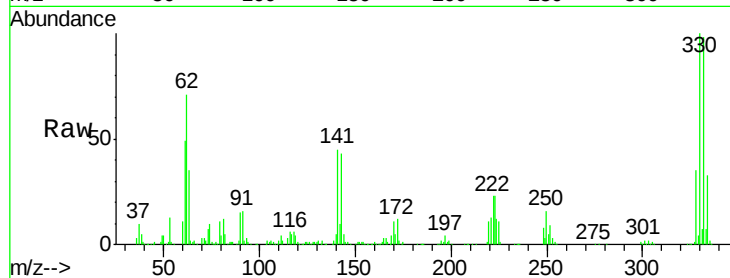




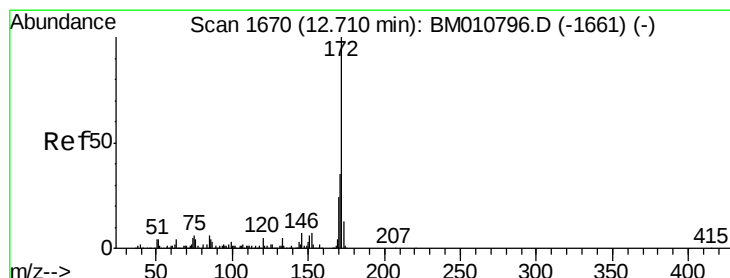
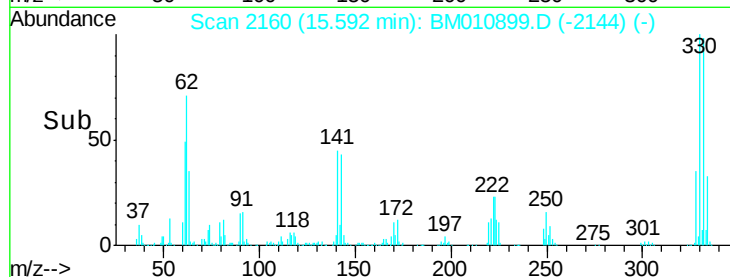
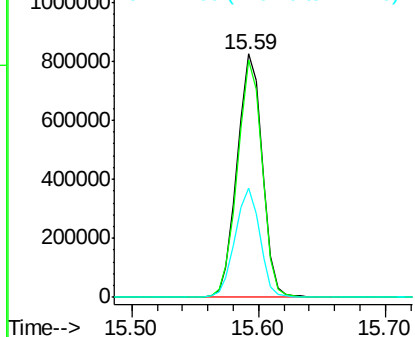
#41
 2,4,6-Tribromophenol
 Concen: 155.46 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010899.D
 Acq: 19 Jul 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1126358
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 44.3 0.0 0.0#

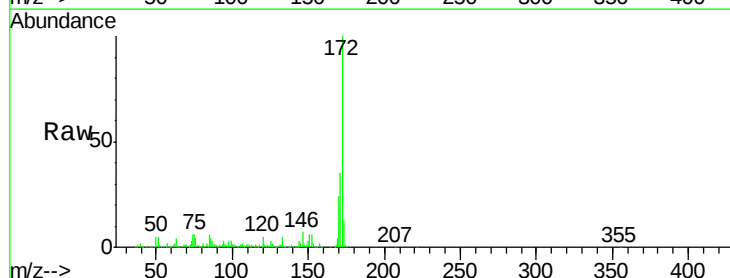


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

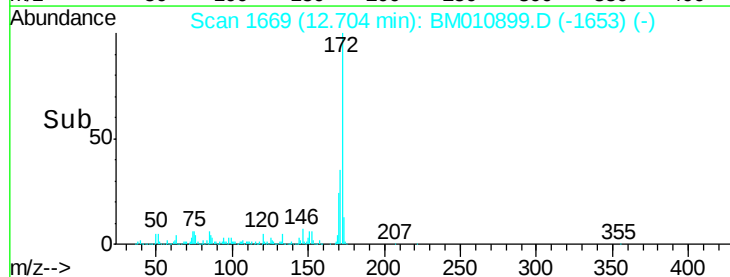
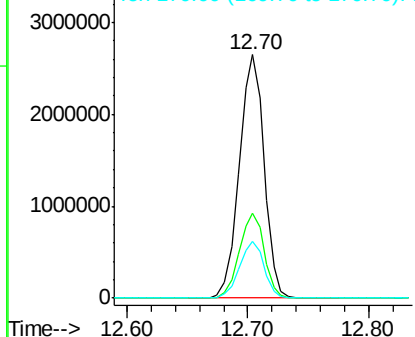


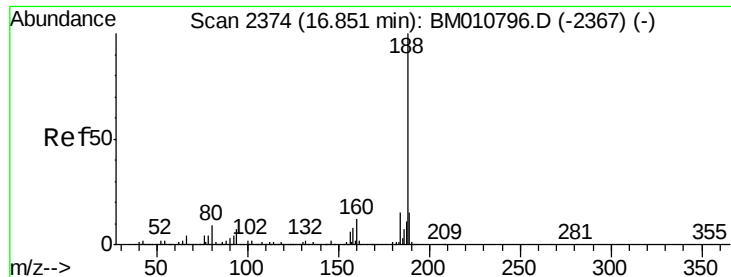
#44
 2-Fluorobiphenyl
 Concen: 99.29 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010899.D
 Acq: 19 Jul 2017 18:39

Tgt Ion:172 Resp: 3783952
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.5 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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Instrument :

BNA_M

ClientSampled :

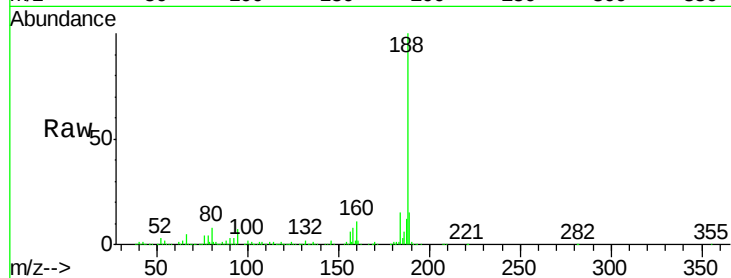
Tot Ion:188 Resp: 1110790

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

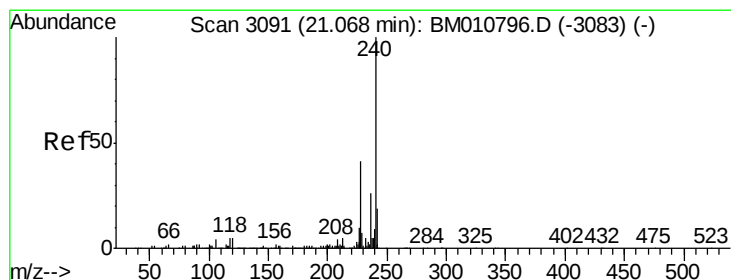
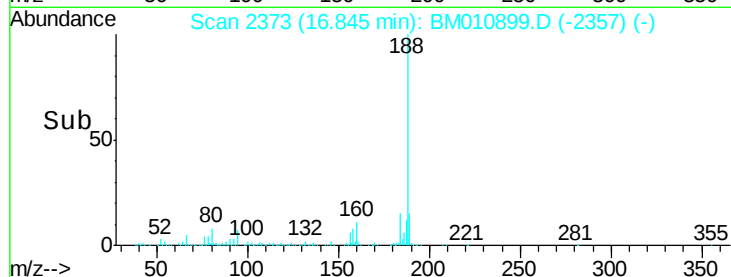
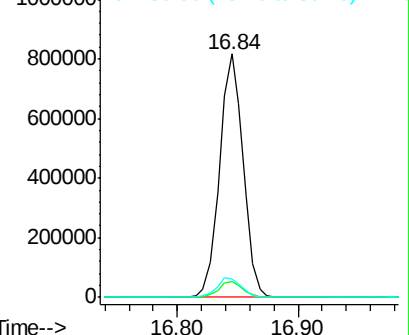
80 7.7 9.3 13.9#



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: 20.00 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

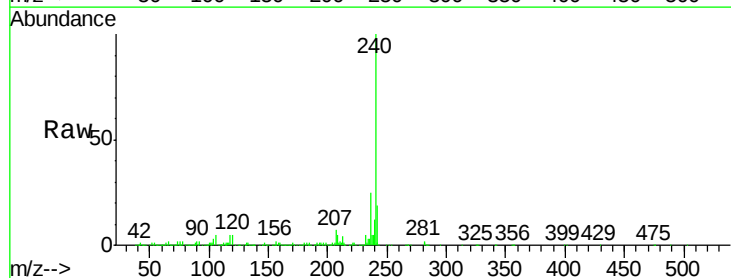
Tgt Ion:240 Resp: 1019877

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

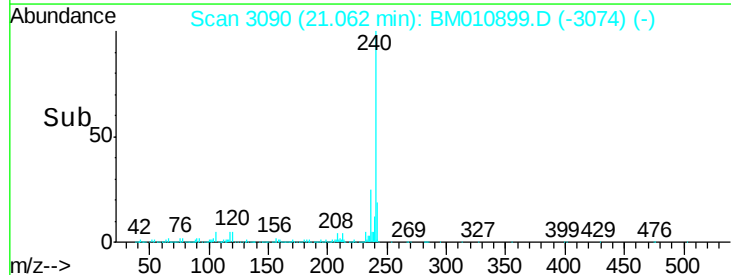
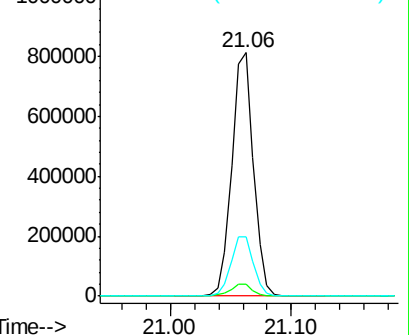
236 24.5 20.0 30.0

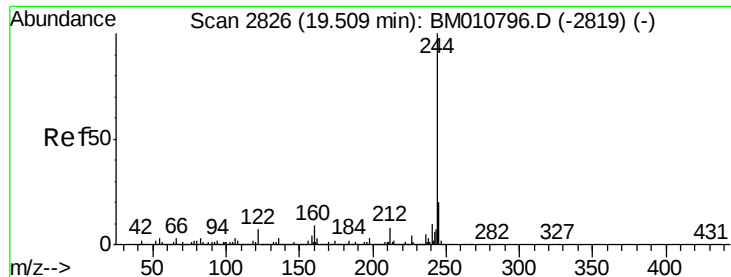


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.82 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Instrument :

BNA_M

ClientSampleId :

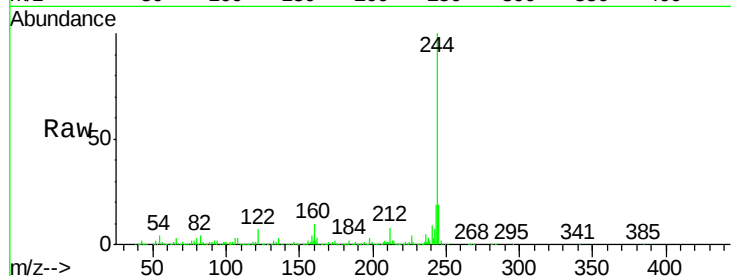
Tot Ion:244 Resp: 5316144

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

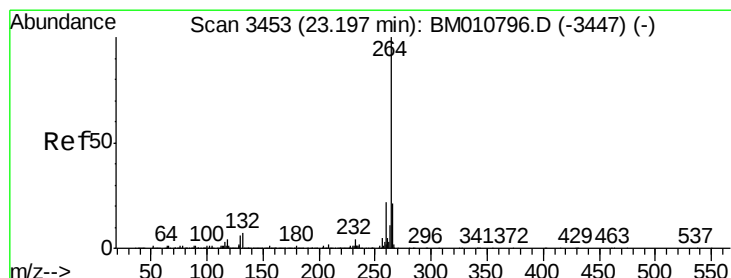
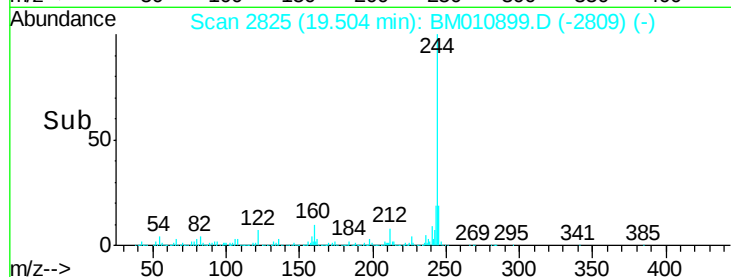
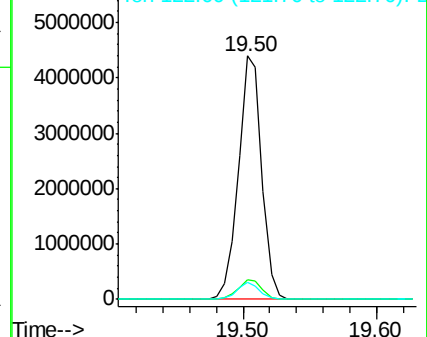
122 7.0 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

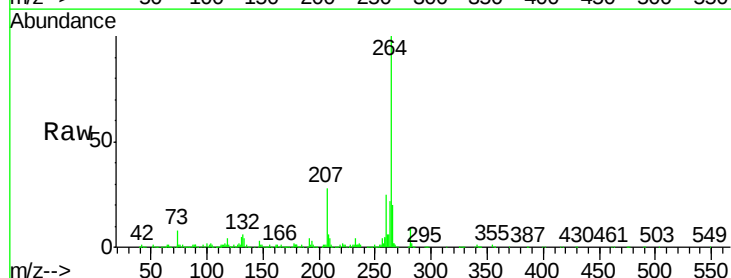
Tgt Ion:264 Resp: 747368

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 19.7 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

