

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010911.D
 Acq On : 20 Jul 2017 16:37
 Operator : SJ/JU
 Sample : PB100784BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:12:57 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	245460	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	926211	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	593474	20.00	ng	-0.01
63) Phenanthrene-d10	16.85	188	1482925	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1468201	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1084923	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1944243	131.21	ng	0.00
7) Phenol-d6	6.63	99	2622707	128.39	ng	0.00
23) Nitrobenzene-d5	8.59	82	2007519	83.31	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1209436	133.35	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4123821	86.44	ng	0.00
78) Terphenyl-d14	19.50	244	6280049	82.73	ng	0.00

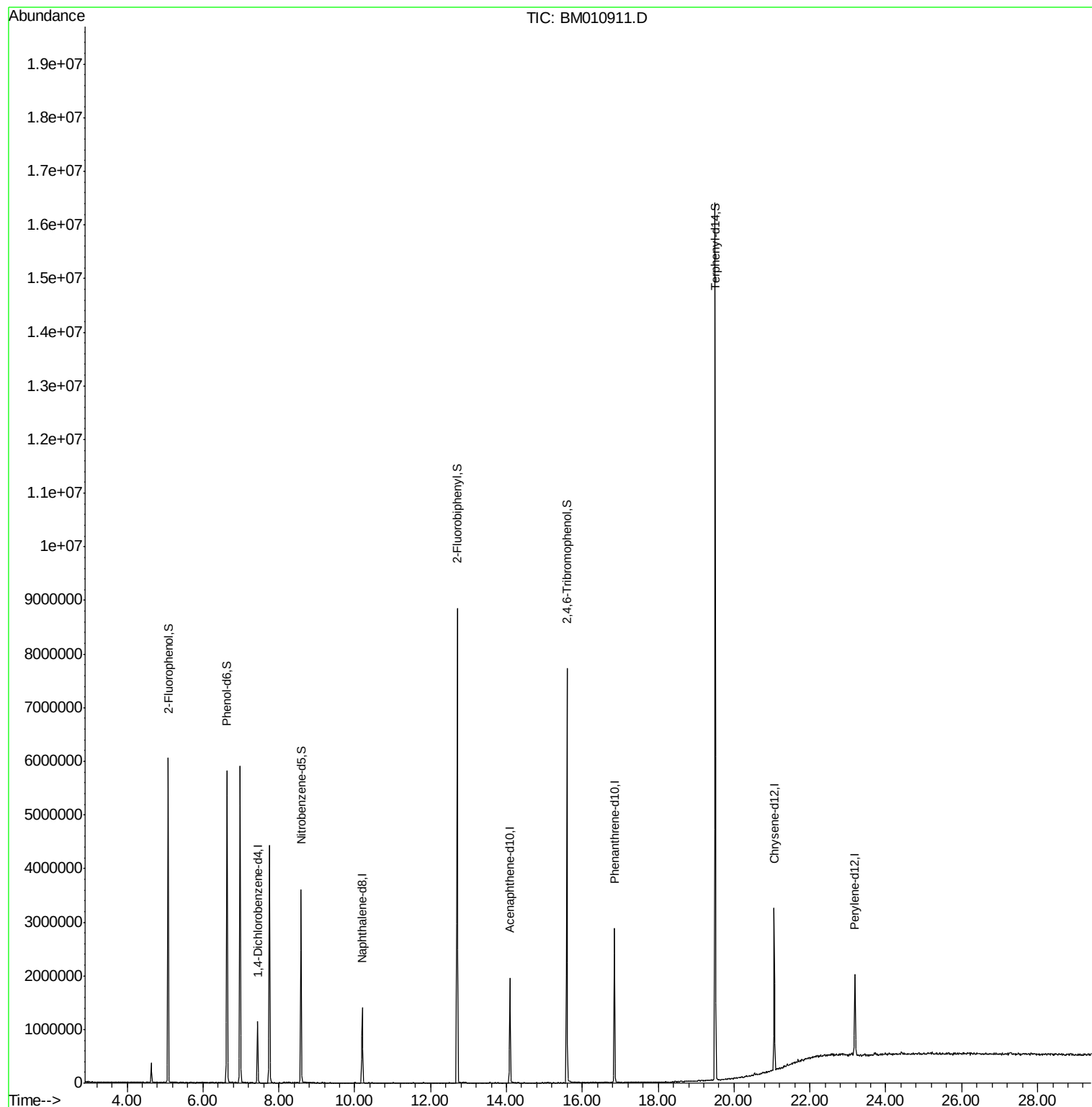
Target Compounds Qvalue

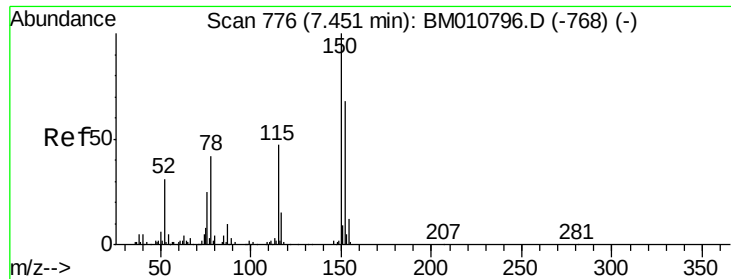
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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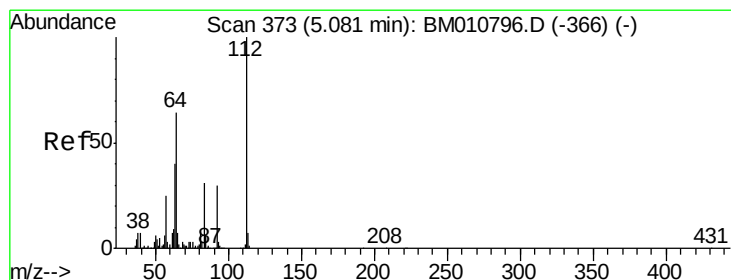
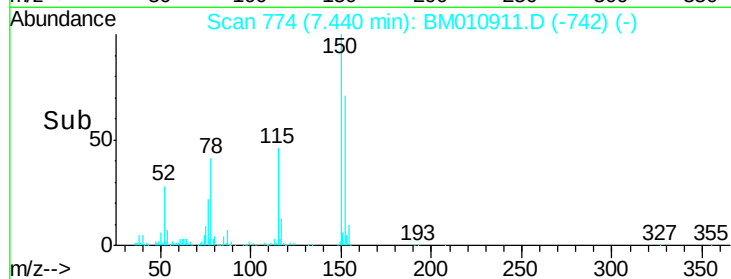
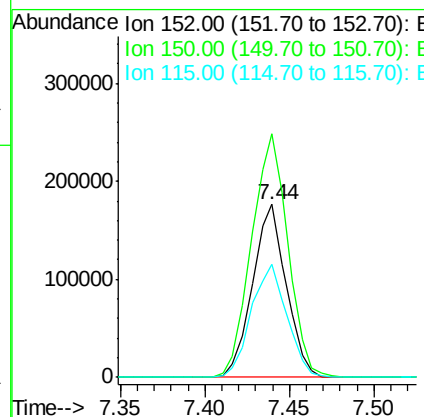
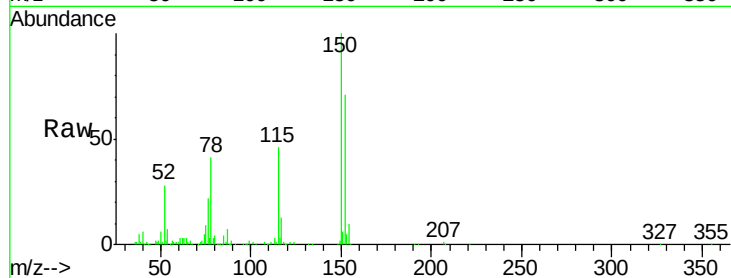




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

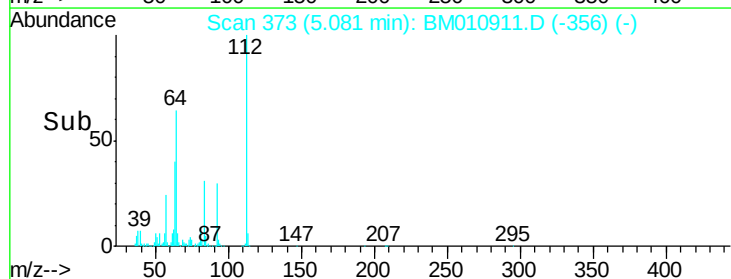
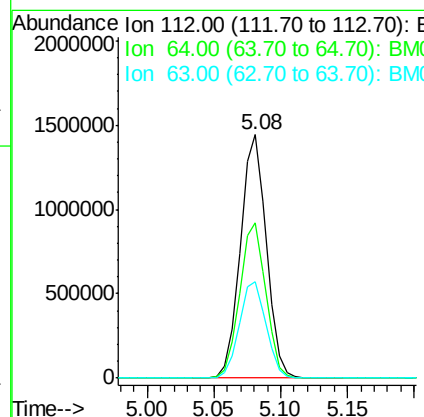
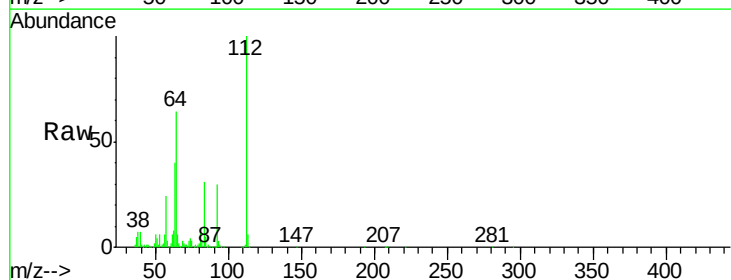
Instrument :
 BNA_M
 ClientSampleId :

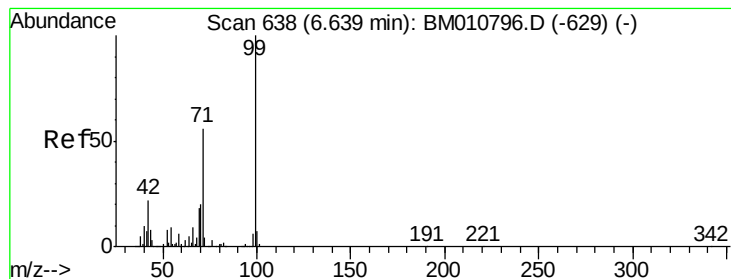
Tot Ion:152 Resp: 245460
 Ion Ratio Lower Upper
 152 100
 150 141.0 119.5 179.3
 115 65.4 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 131.21 ng
 RT: 5.08 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Tgt Ion:112 Resp: 1944243
 Ion Ratio Lower Upper
 112 100
 64 63.9 38.6 57.8#
 63 39.7 19.3 28.9#





#7

Phenol-d6

Concen: 128.39 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

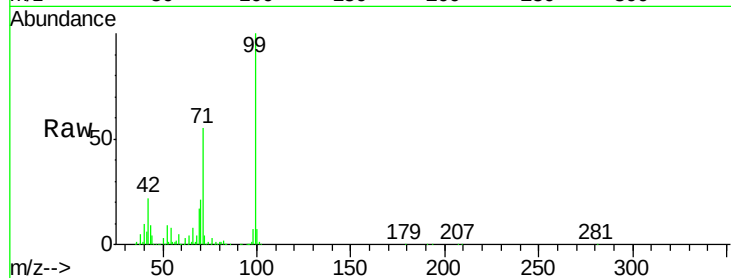
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2622707

Ion	Ratio	Lower	Upper
99	100		
42	21.8	11.0	16.4#
71	54.6	23.4	35.2#

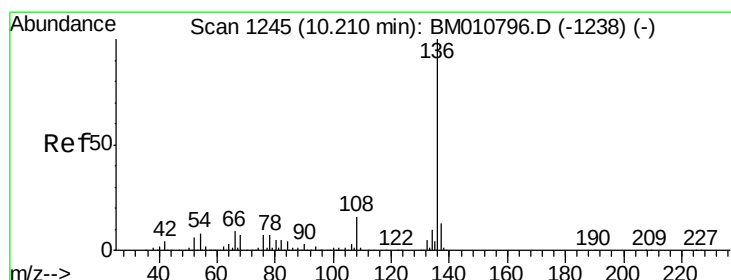
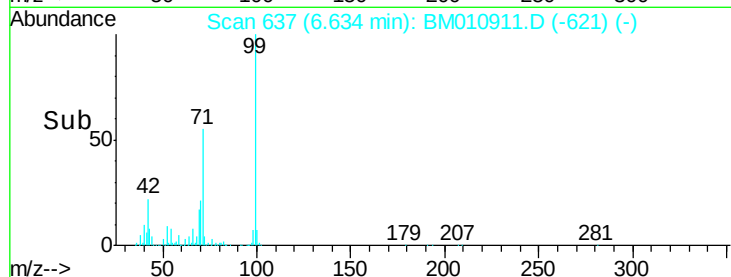
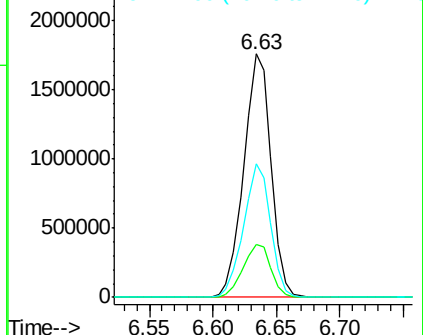


Abundance

Ion 99.00 (98.70 to 99.70): BM010911.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010911.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010911.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

Tgt Ion: 136 Resp: 926211

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.0	4.6	6.8#
68	6.4	3.7	5.5#

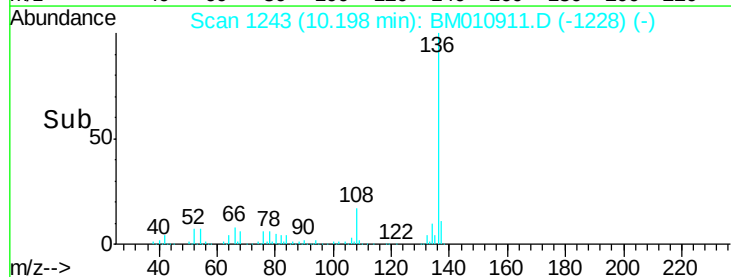
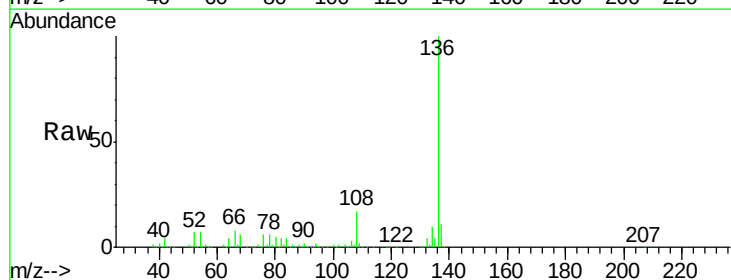
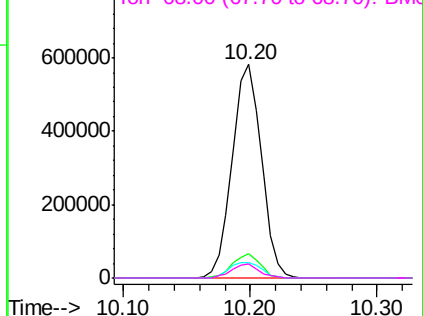
Abundance

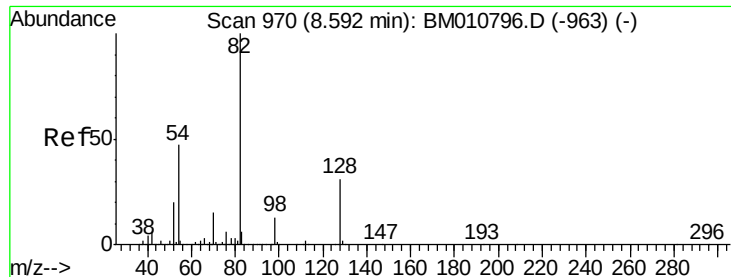
Ion 136.00 (135.70 to 136.70): BM010911.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010911.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010911.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010911.D (-1228) (-)



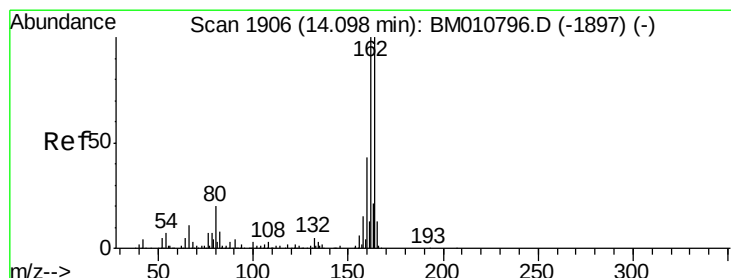
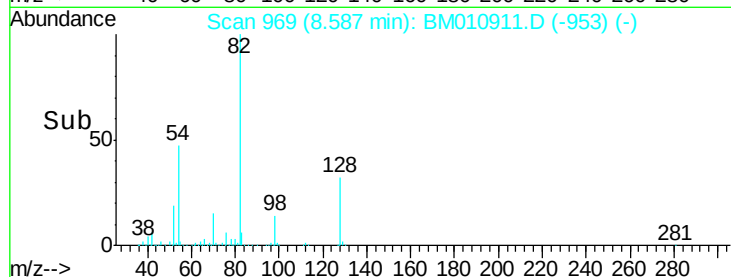
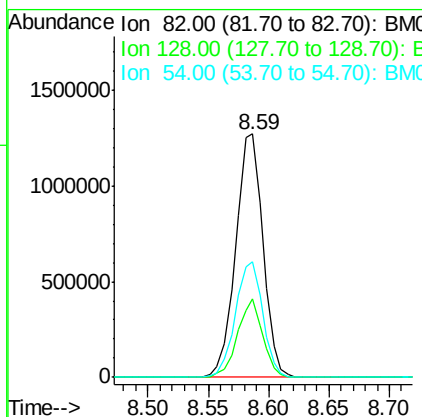
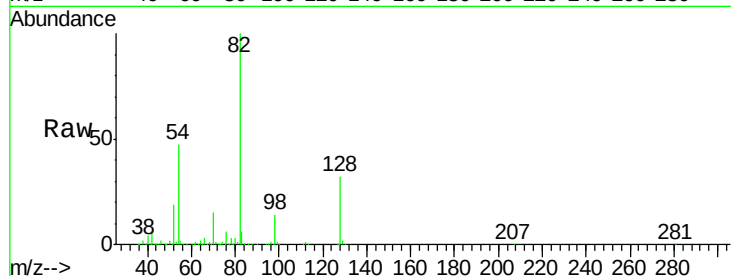


#23
 Nitrobenzene-d5
 Concen: 83.31 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2007519

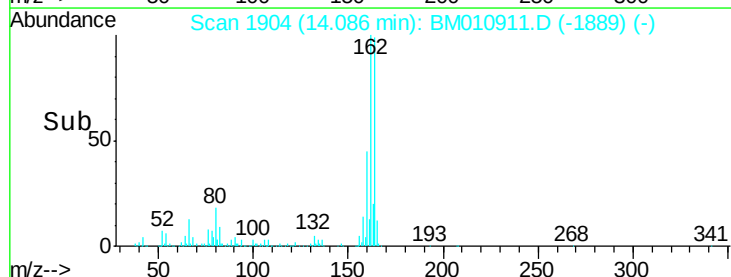
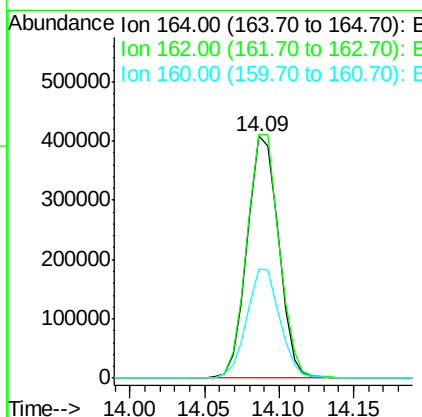
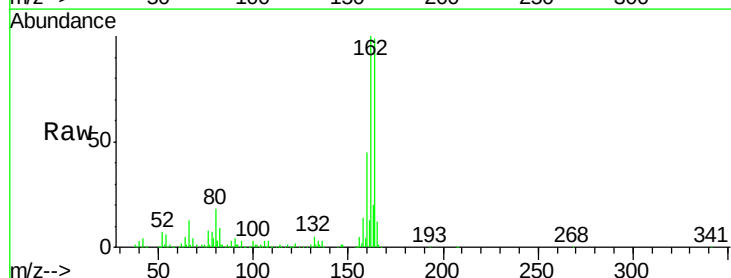
Ion	Ratio	Lower	Upper
82	100		
128	32.0	32.8	49.2#
54	47.5	40.6	60.8

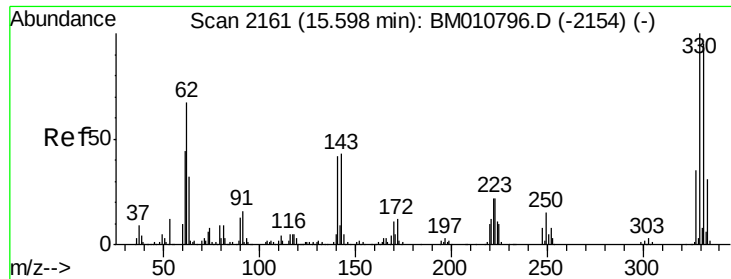


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Tgt Ion: 164 Resp: 593474

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	45.4	35.8	53.6

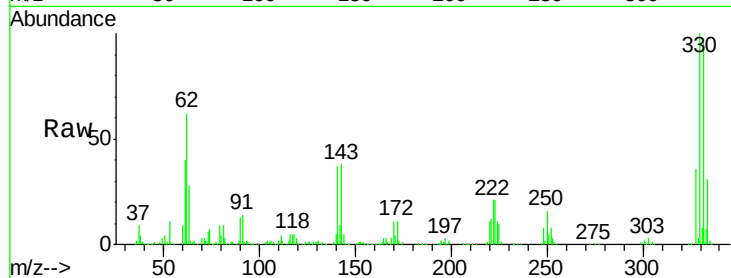




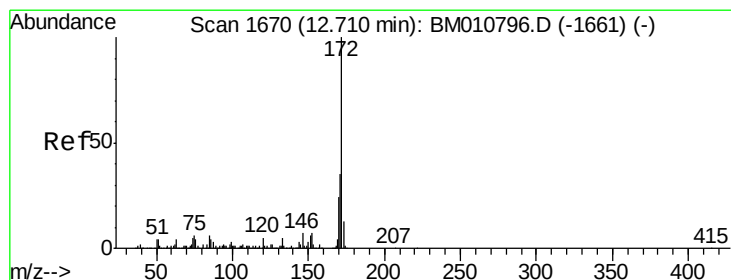
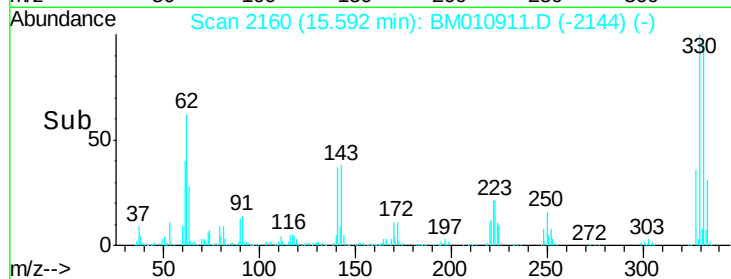
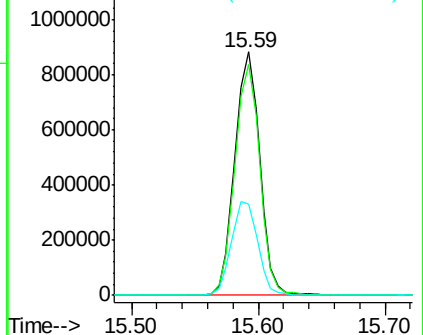
#41
 2,4,6-Tribromophenol
 Concen: 133.35 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1209436
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 40.4 0.0 0.0#

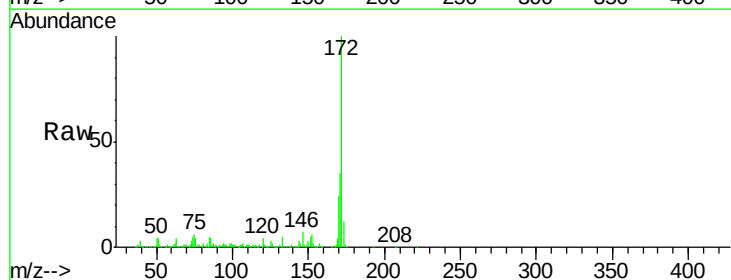


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

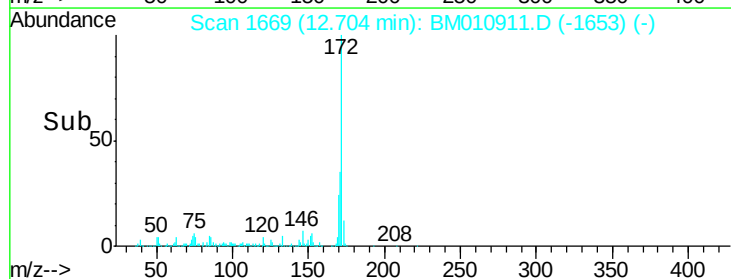
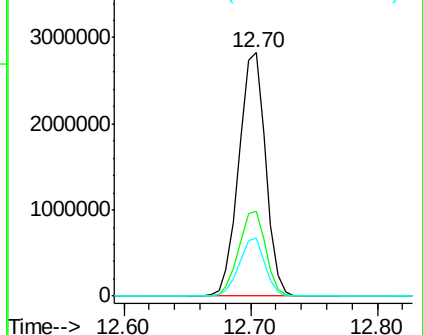


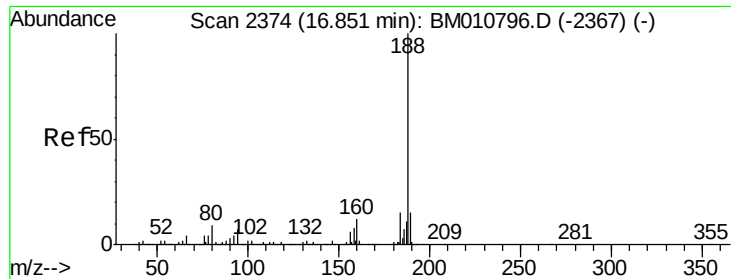
#44
 2-Fluorobiphenyl
 Concen: 86.44 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Tgt Ion:172 Resp: 4123821
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.6 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

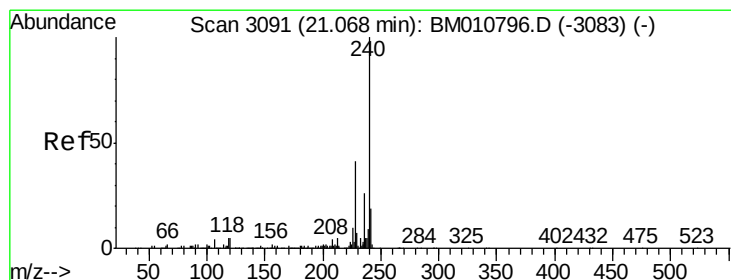
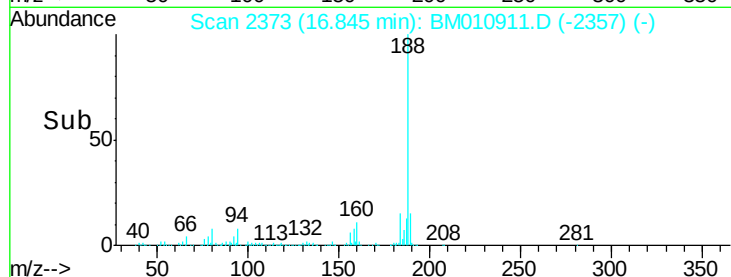
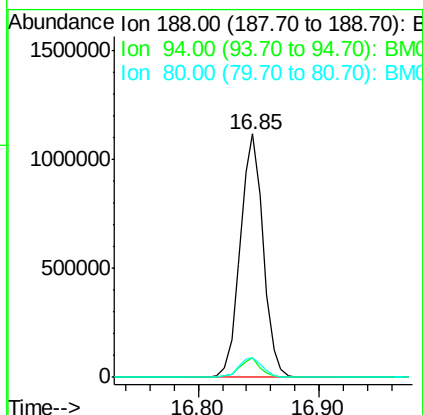
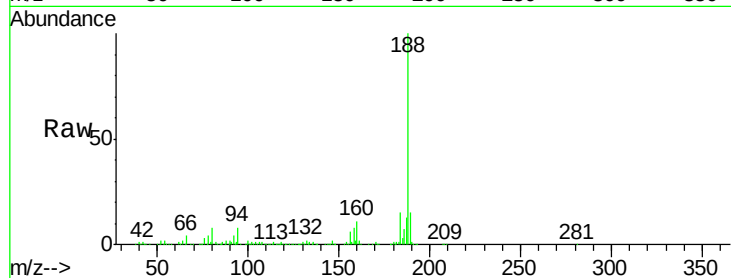




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010911.D
Acq: 20 Jul 2017 16:37

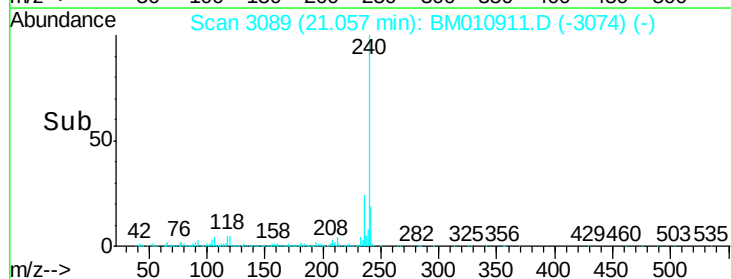
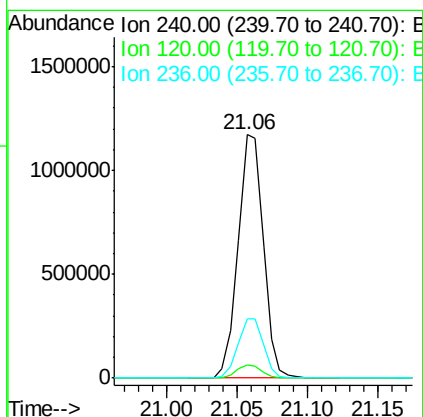
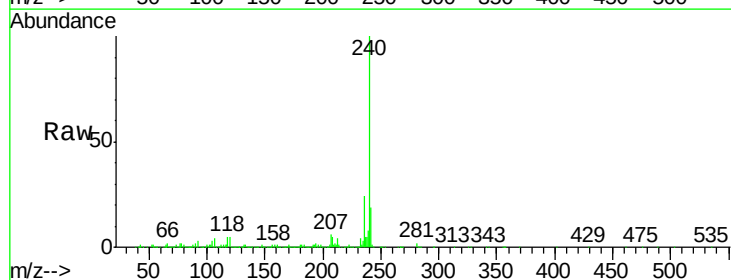
Instrument :
BNA_M
ClientSampled :

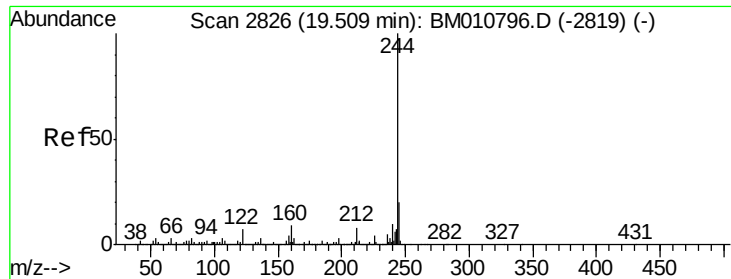
Tot Ion:188 Resp: 1482925
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010911.D
Acq: 20 Jul 2017 16:37

Tgt Ion:240 Resp: 1468201
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 24.2 20.0 30.0

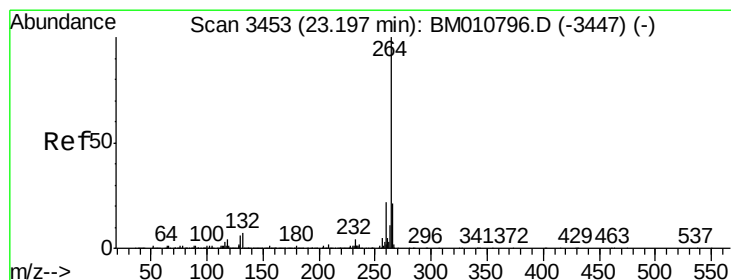
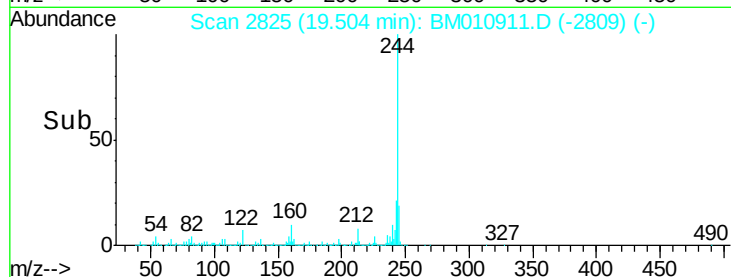
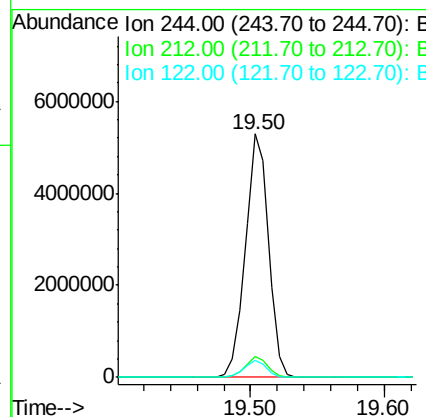
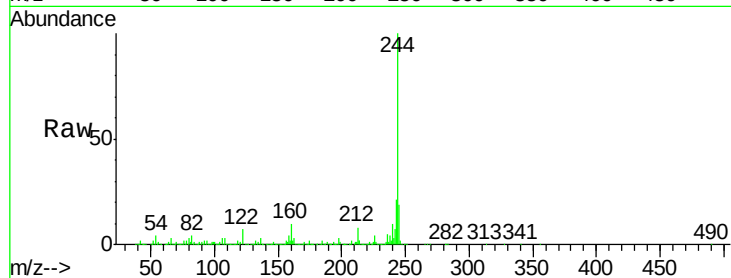




#78
 Terphenyl-d14
 Concen: 82.73 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6280049
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Tgt Ion:264 Resp: 1084923
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.7 17.3 25.9

