

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011204.D
 Acq On : 11 Aug 2017 16:53
 Operator : SJ/JU
 Sample : I4681-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-17

Quant Time: Aug 11 18:44:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 18:38:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	143279	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	531435	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	399656	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	1090546	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1646915	20.00	ng	0.00
86) Perylene-d12	23.02	264	1491987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	387667	45.74	ng	0.00
7) Phenol-d6	6.49	99	328563	27.28	ng	0.00
23) Nitrobenzene-d5	8.44	82	1493414	105.47	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	551954	86.17	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2711616	85.09	ng	0.00
78) Terphenyl-d14	19.39	244	5785516	69.59	ng	0.00

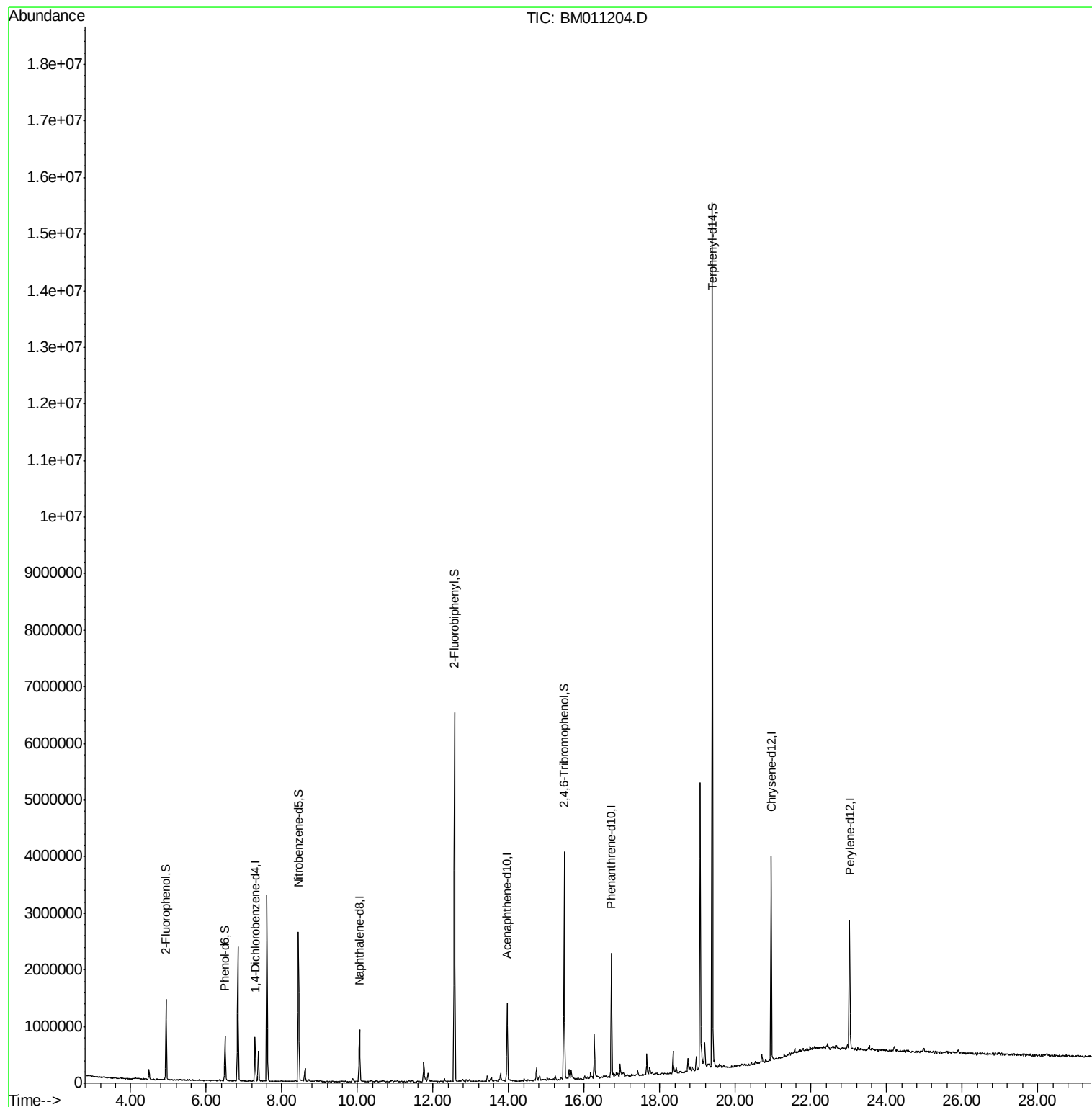
Target Compounds Qvalue

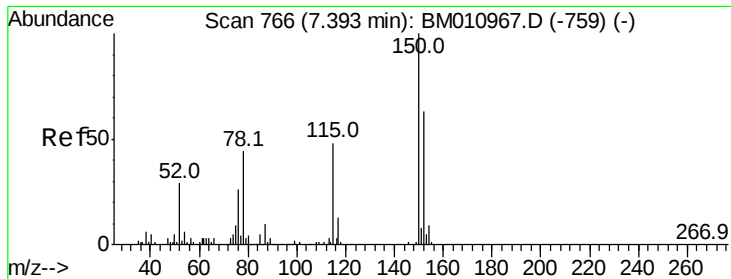
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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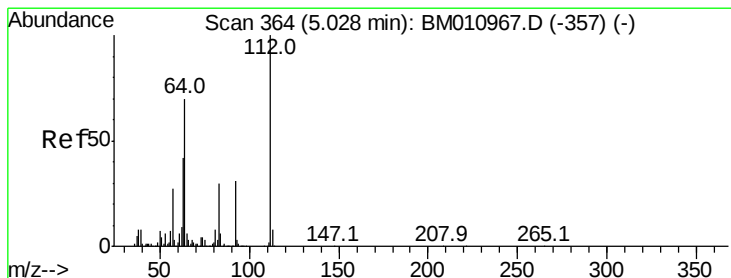
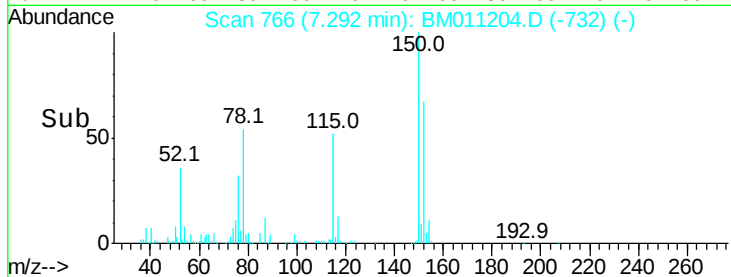
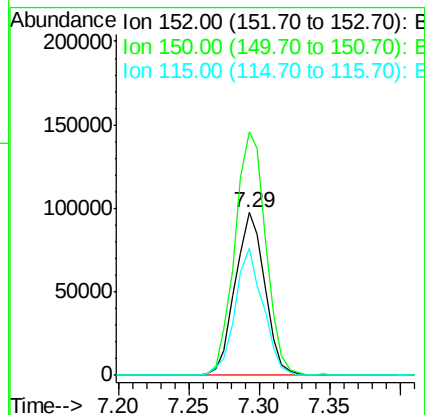
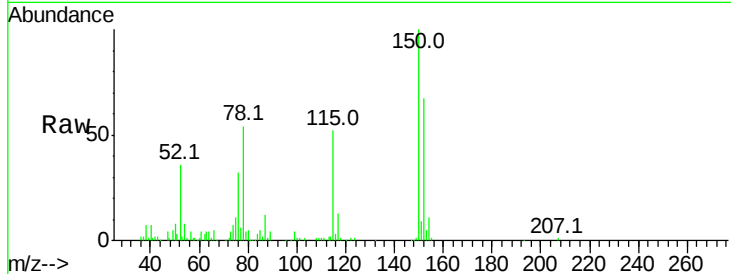


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM011204.D
Acq: 11 Aug 2017 16:53

Instrument :
BNA_M
ClientSampled :
TWP-17

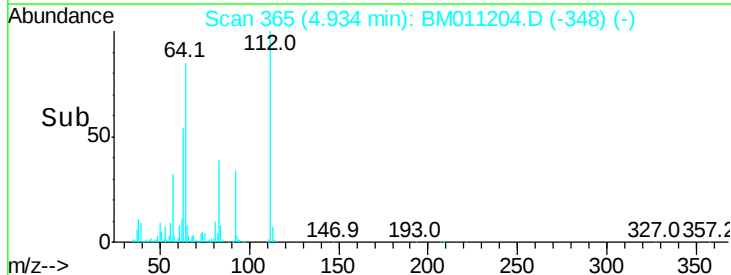
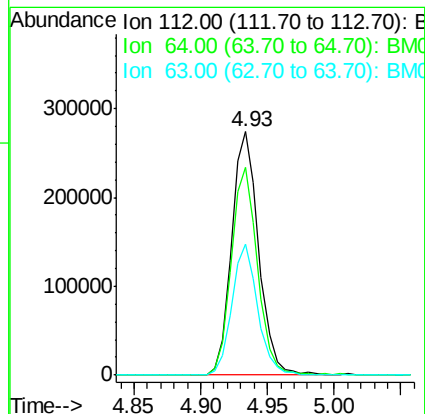
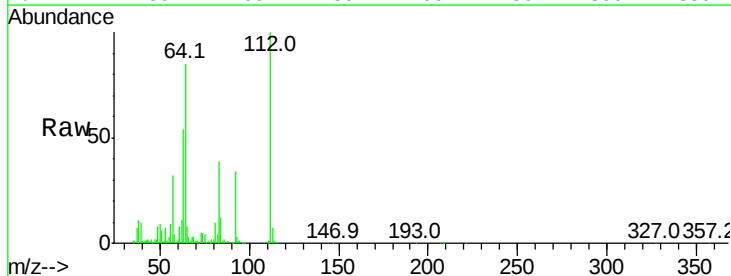
Tot Ion:152 Resp: 143279
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 78.0 43.0 64.4#

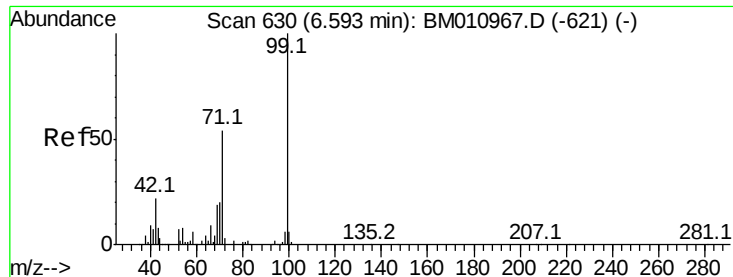


#5

2-Fluorophenol
Concen: 45.738 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.00 min
Lab File: BM011204.D
Acq: 11 Aug 2017 16:53

Tgt Ion:112 Resp: 387667
Ion Ratio Lower Upper
112 100
64 85.2 38.6 57.8#
63 53.7 19.3 28.9#





#7

Phenol-d6

Concen: 27.283 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM011204.D

Acq: 11 Aug 2017 16:53

Instrument :

BNA_M

ClientSampleId :

TWP-17

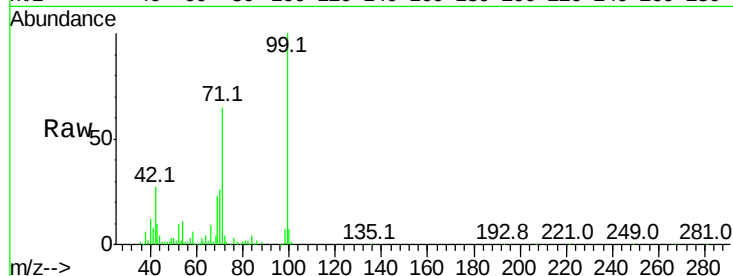
Tot Ion: 99 Resp: 328563

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

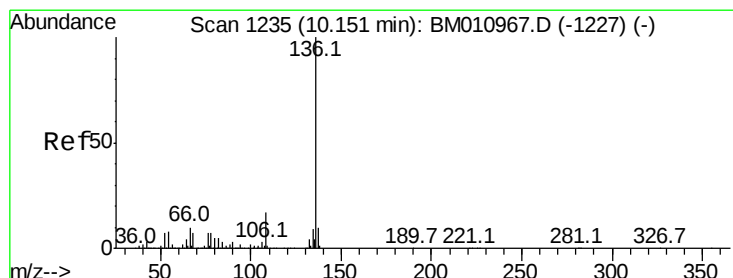
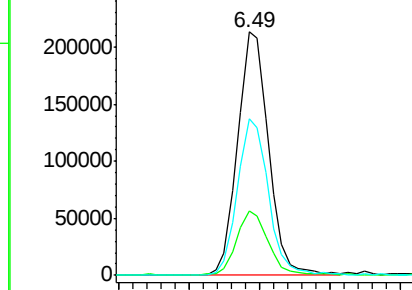
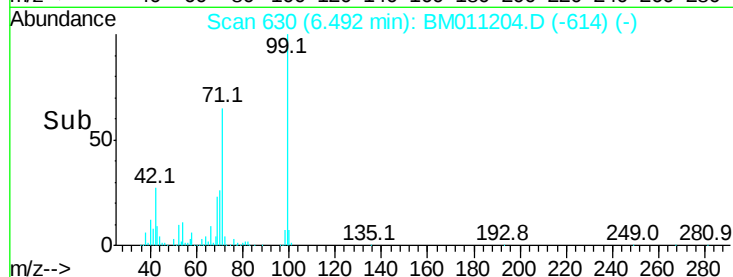
71 64.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011204.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM011204.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM011204.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM011204.D

Acq: 11 Aug 2017 16:53

Tgt Ion: 136 Resp: 531435

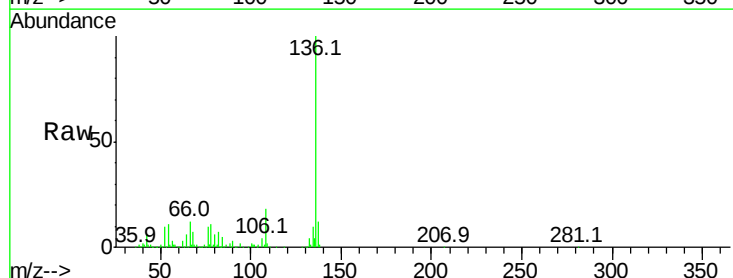
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.8 4.6 6.8#

68 7.3 3.7 5.5#

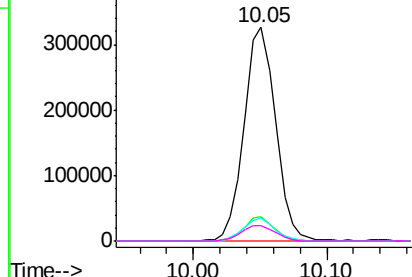
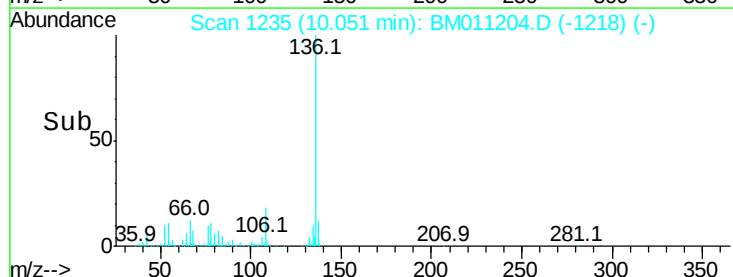


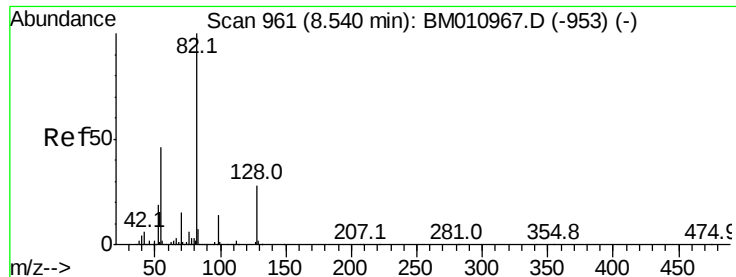
Abundance Ion 136.00 (135.70 to 136.70): BM011204.D (-1218) (-)

Ion 137.00 (136.70 to 137.70): BM011204.D (-1218) (-)

Ion 54.00 (53.70 to 54.70): BM011204.D (-1218) (-)

Ion 68.00 (67.70 to 68.70): BM011204.D (-1218) (-)



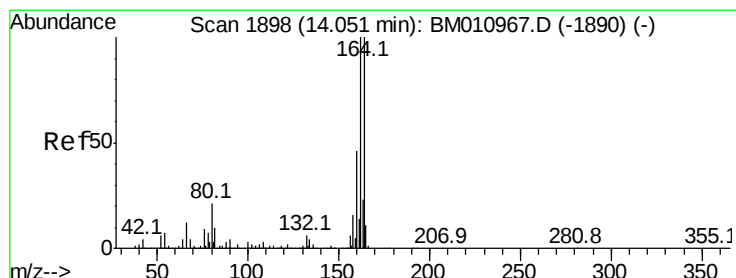
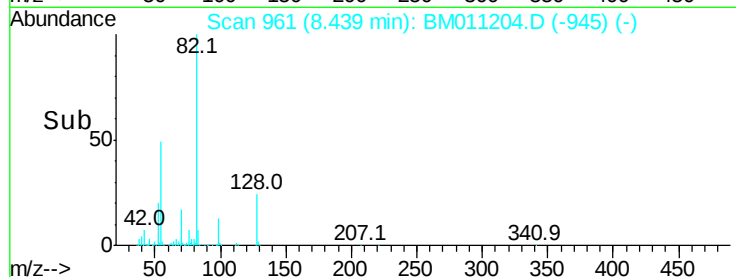
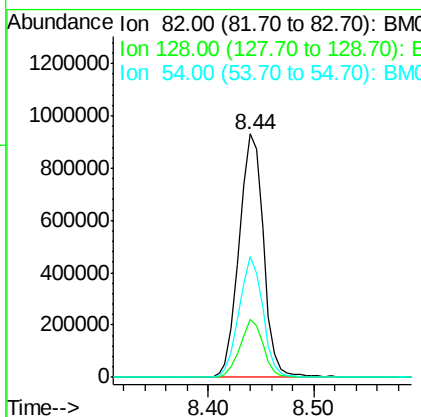
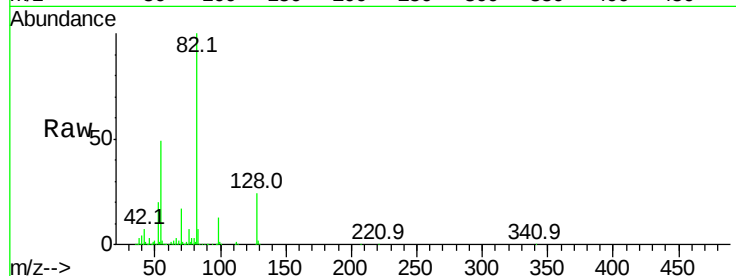


#23
 Nitrobenzene-d5
 Concen: 105.470 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TWP-17

Tot Ion: 82 Resp: 1493414

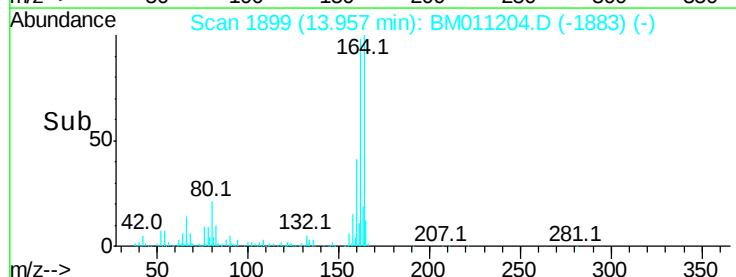
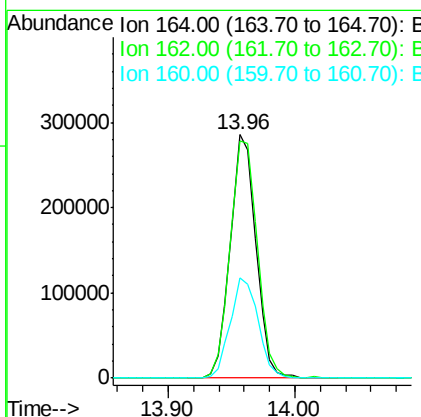
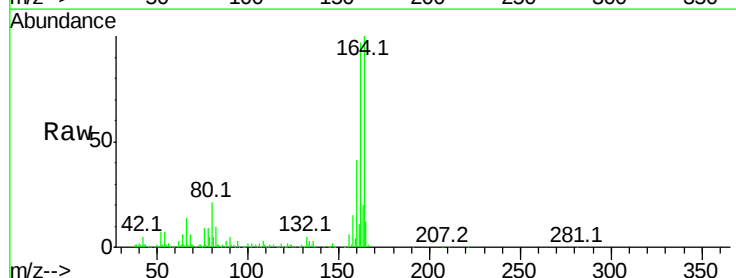
Ion	Ratio	Lower	Upper
82	100		
128	23.9	32.8	49.2#
54	49.4	40.6	60.8

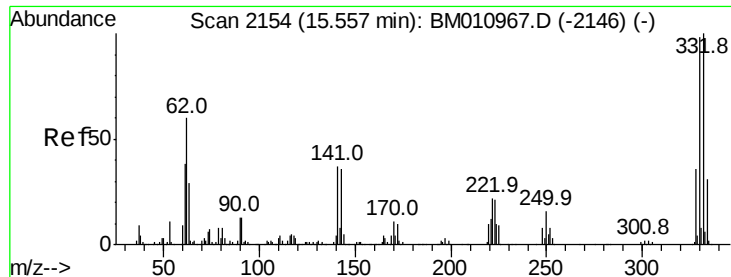


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Tgt Ion: 164 Resp: 399656

Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.4	123.6
160	41.3	35.8	53.6

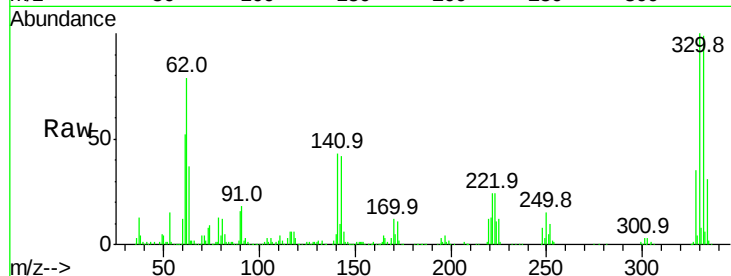




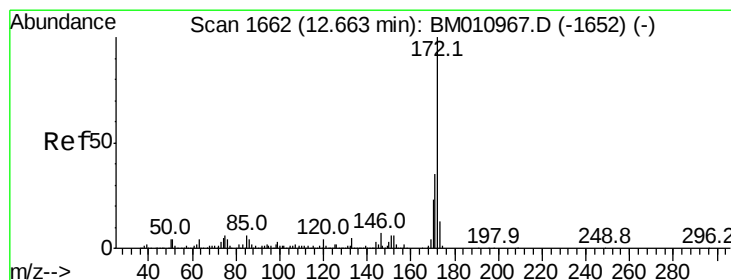
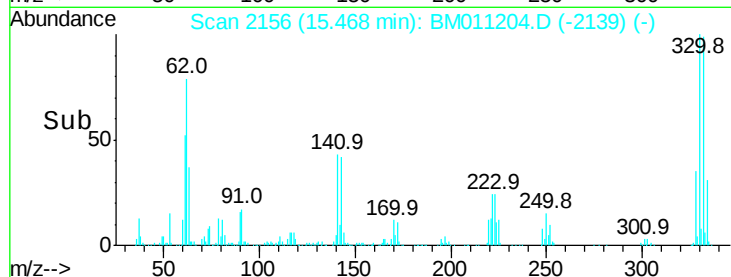
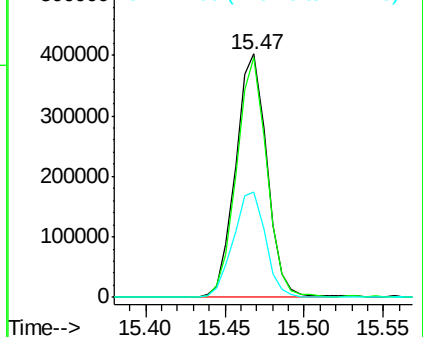
#41
 2,4,6-Tribromophenol
 Concen: 86.167 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TWP-17

Tot Ion:330 Resp: 551954
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 44.5 0.0 0.0#

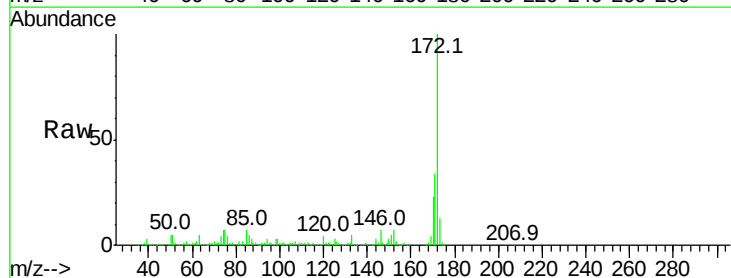


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

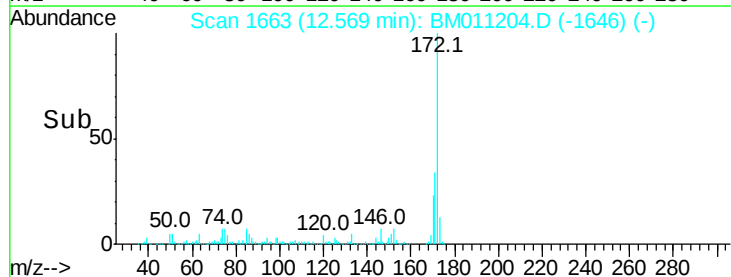
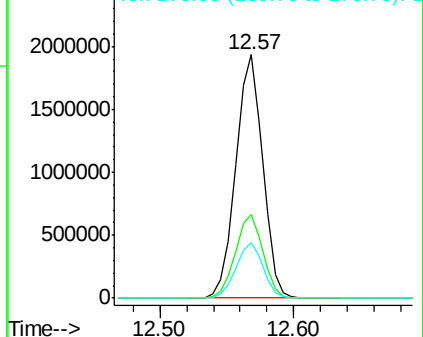


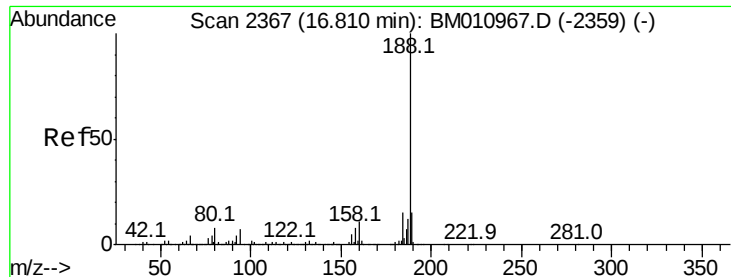
#44
 2-Fluorobiphenyl
 Concen: 85.092 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Tgt Ion:172 Resp: 2711616
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 22.8 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

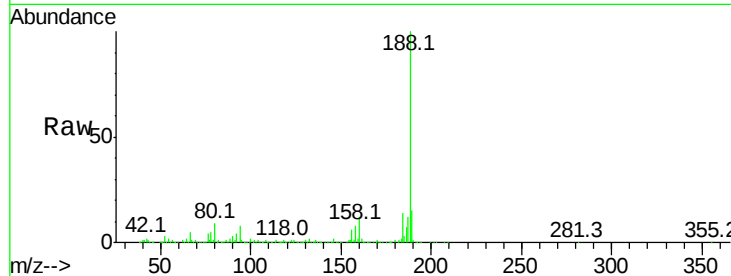




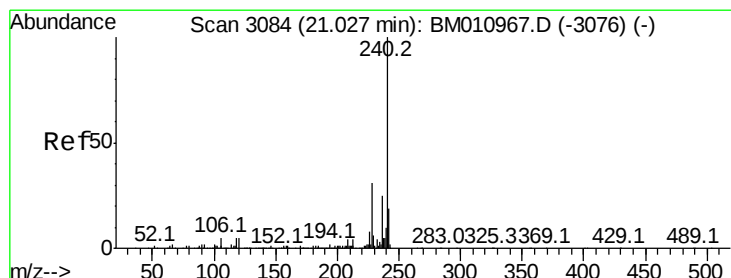
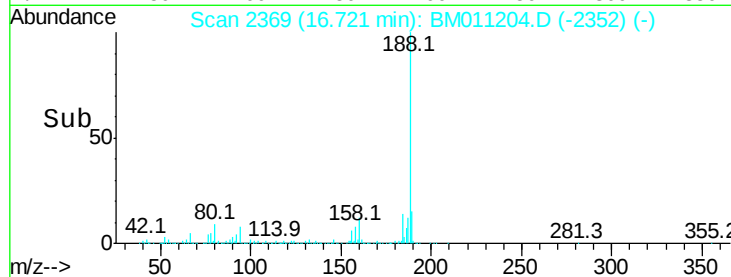
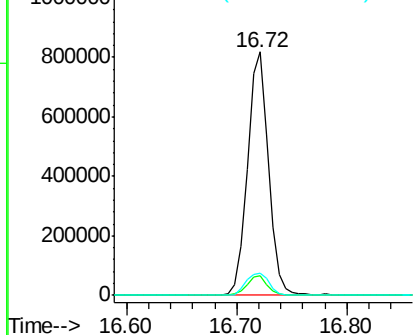
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BM011204.D
Acq: 11 Aug 2017 16:53

Instrument :
BNA_M
ClientSampled :
TWP-17

Tot Ion:188 Resp: 1090546
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 9.3 9.3 13.9

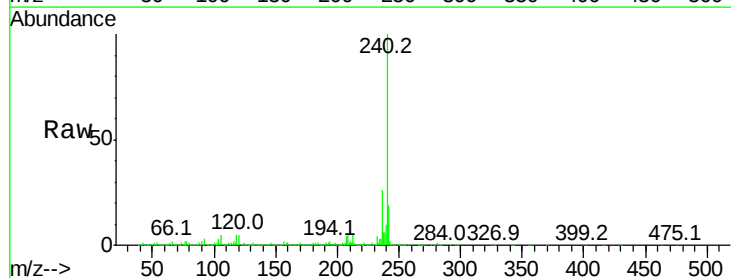


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

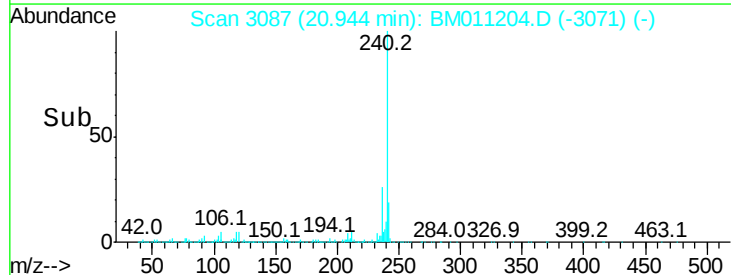
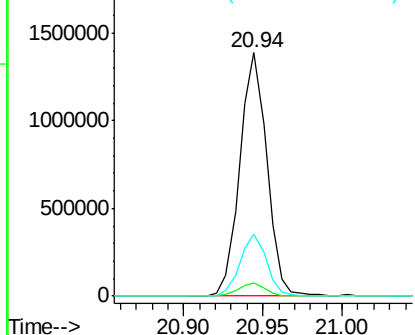


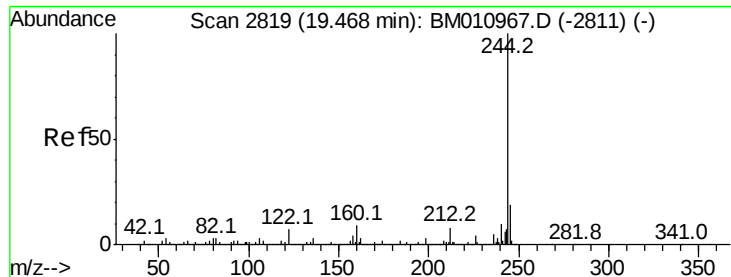
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011204.D
Acq: 11 Aug 2017 16:53

Tgt Ion:240 Resp: 1646915
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.7 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

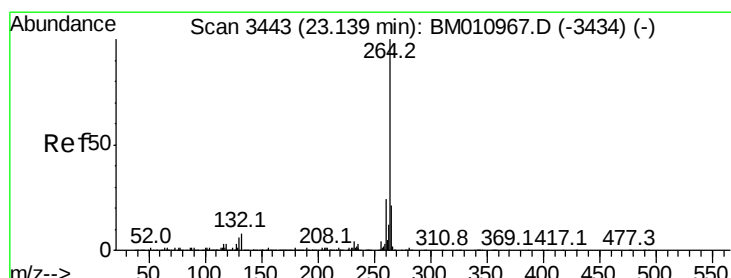
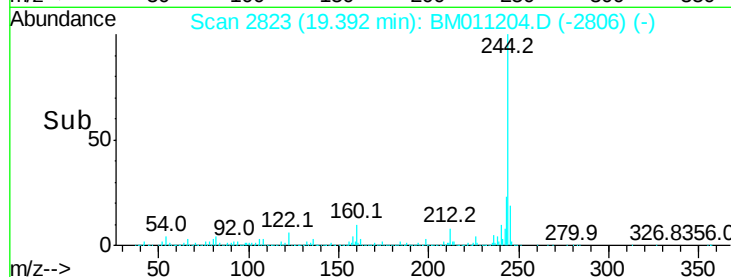
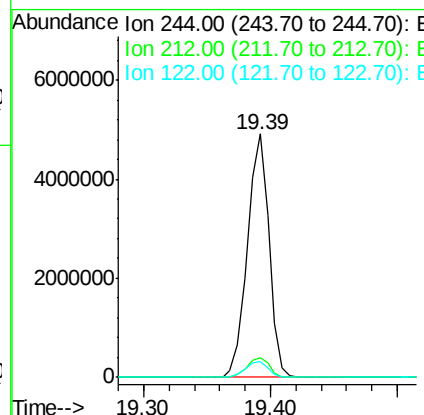
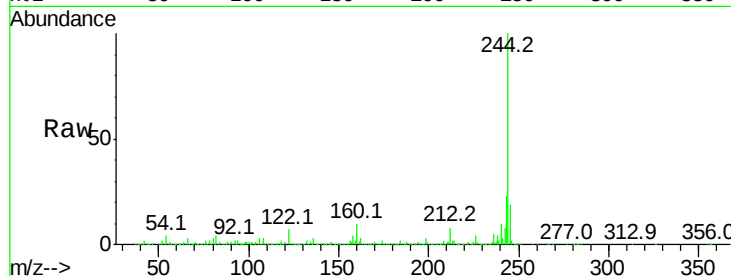




#78
 Terphenyl-d14
 Concen: 69.587 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Instrument :
 BNA_M
 ClientSampleId :
 TWP-17

Tot Ion:244 Resp: 5785516
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.01 min
 Lab File: BM011204.D
 Acq: 11 Aug 2017 16:53

Tgt Ion:264 Resp: 1491987
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.2 17.3 25.9

