

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011096.D
 Acq On : 02 Aug 2017 16:13
 Operator : SJ/JU
 Sample : I4540-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348

Quant Time: Aug 03 03:55:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

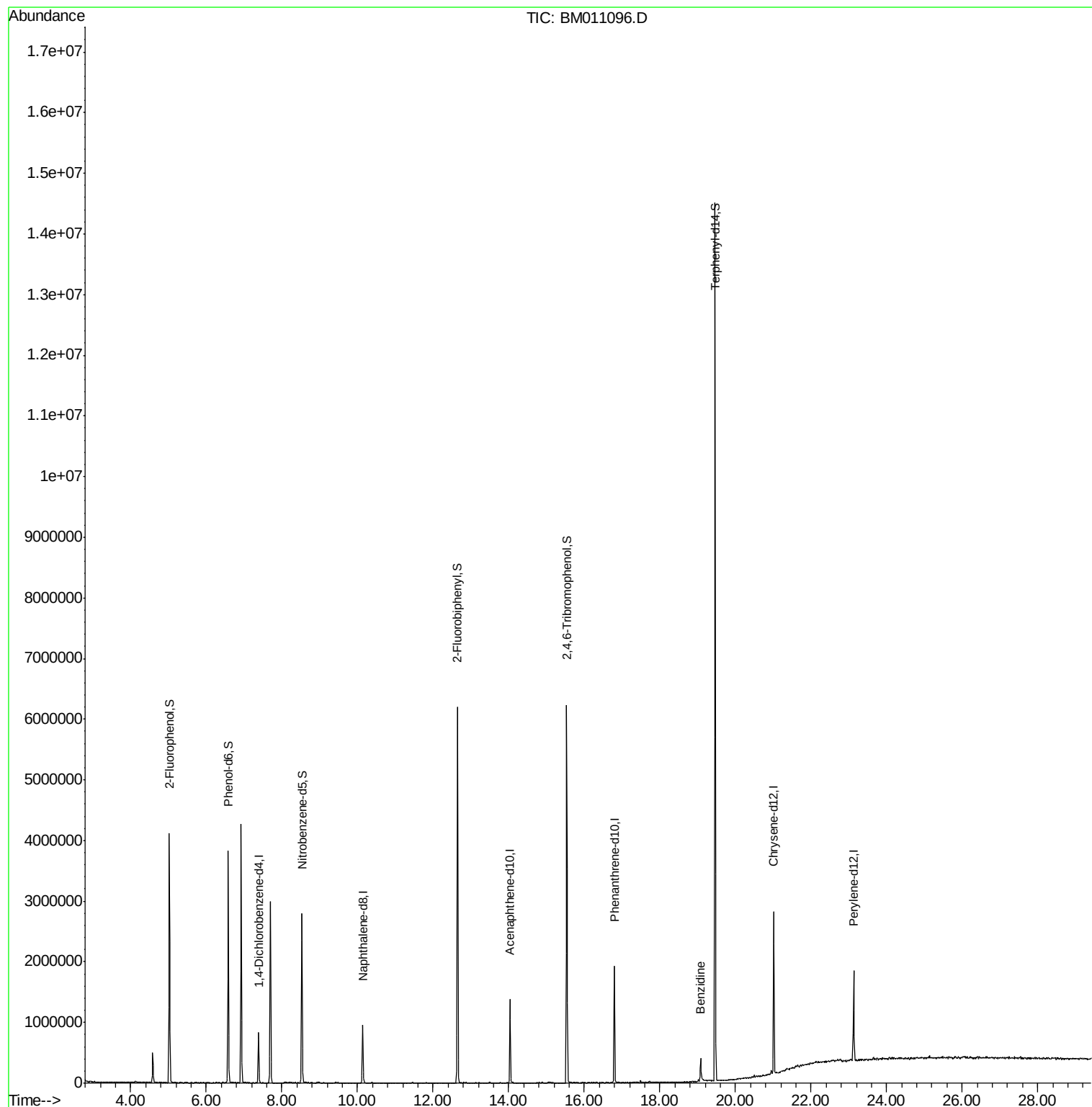
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	144164	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	553776	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	370115	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1010308	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1215791	20.00	ng	-0.01
86) Perylene-d12	23.13	264	998206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1156530	135.61	ng	0.00
7) Phenol-d6	6.58	99	1494458	123.34	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1480328	100.33	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	844817	142.41	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2611682	88.50	ng	-0.02
78) Terphenyl-d14	19.46	244	5151497	83.93	ng	0.00
Target Compounds						
76) Benzidine	19.08	184	237974	8.182	ng	Qvalue 98

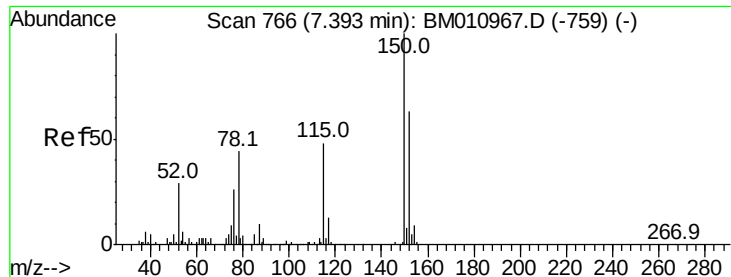
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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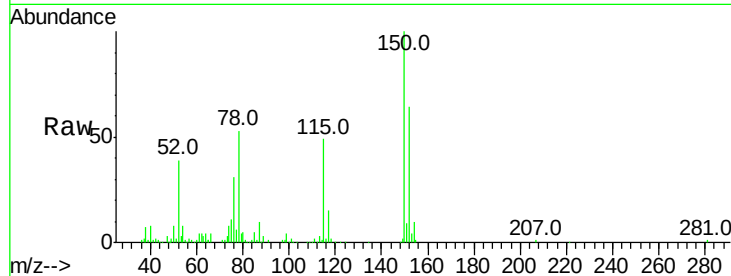


#1

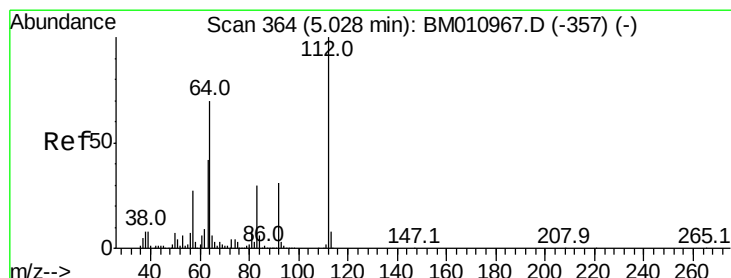
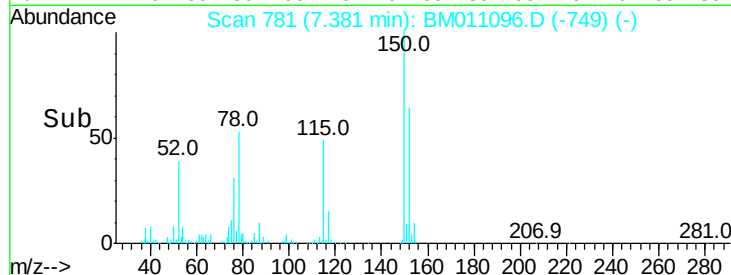
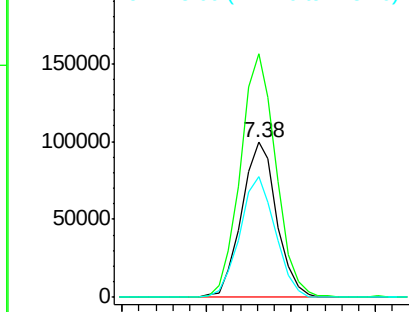
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Instrument :
BNA_M
ClientSampleId :
348

Tot Ion:152 Resp: 144164
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 77.6 43.0 64.4#



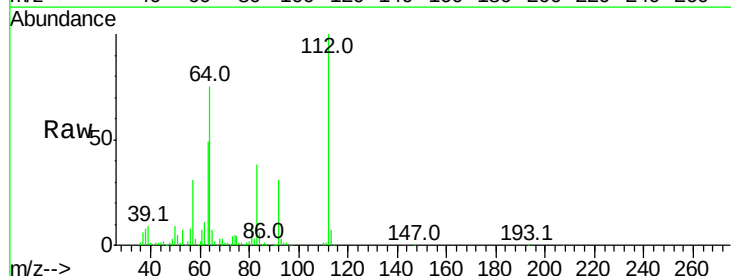
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



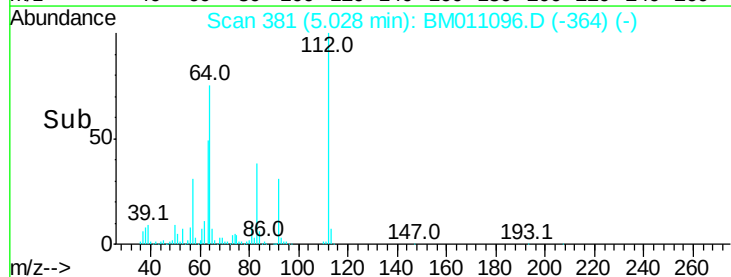
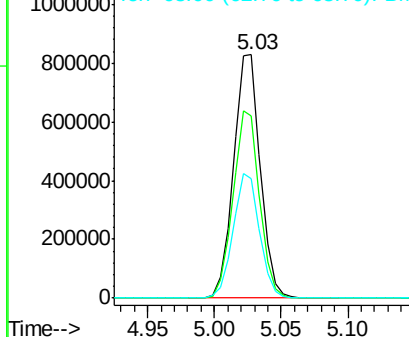
#5

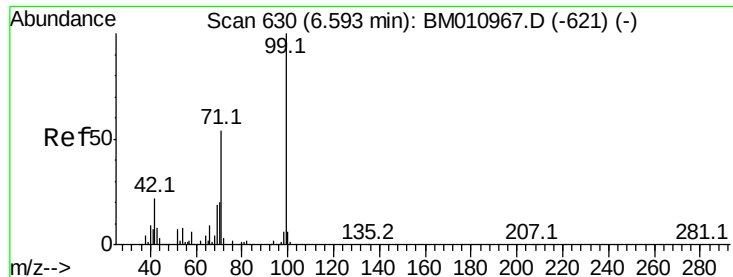
2-Fluorophenol
Concen: 135.612 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:112 Resp: 1156530
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 49.2 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: 123.336 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

Instrument :

BNA_M

ClientSampled :

348

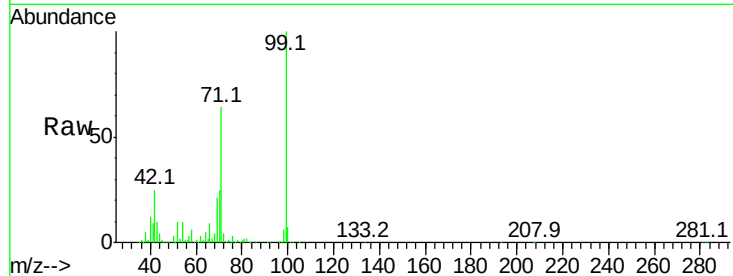
Tot Ion: 99 Resp: 1494458

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

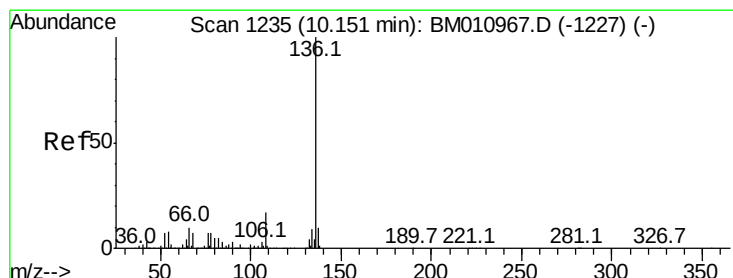
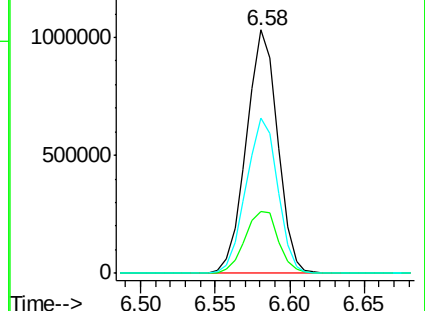
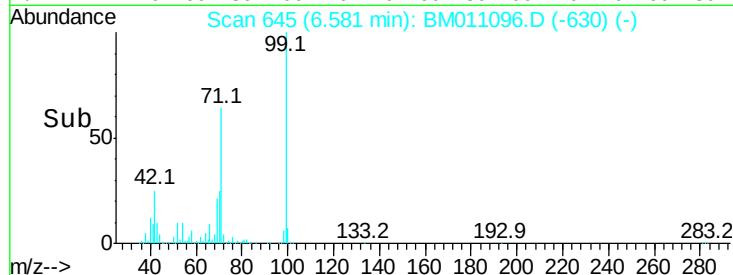
71 63.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011096.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011096.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011096.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

Tgt Ion: 136 Resp: 553776

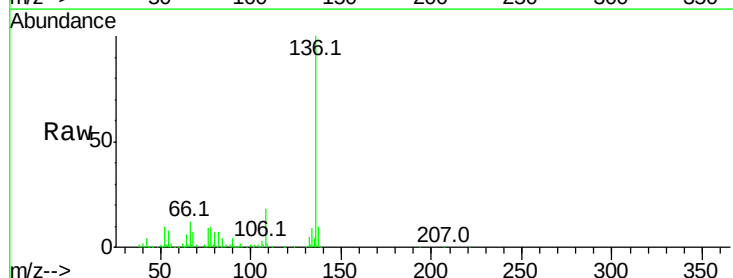
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 8.0 4.6 6.8#

68 6.7 3.7 5.5#

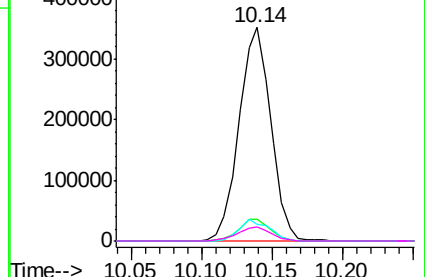
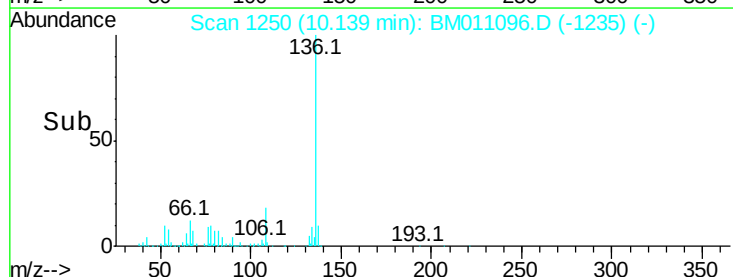


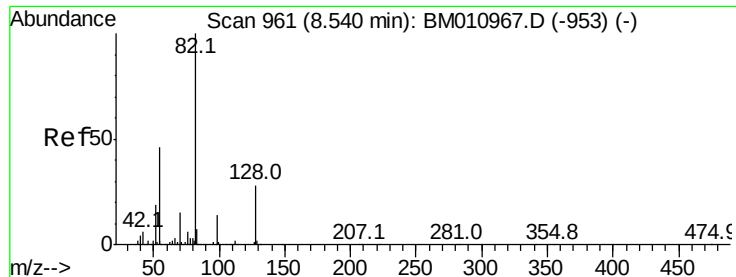
Abundance Ion 136.00 (135.70 to 136.70): BM011096.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011096.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011096.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011096.D (-1235) (-)



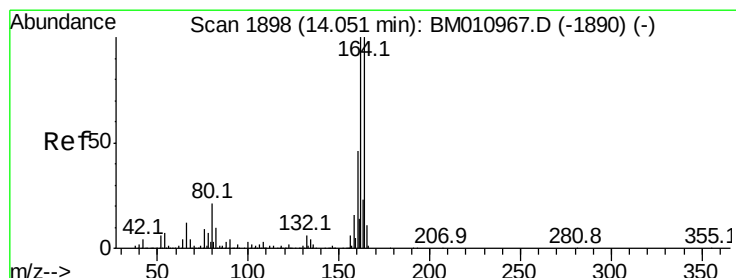
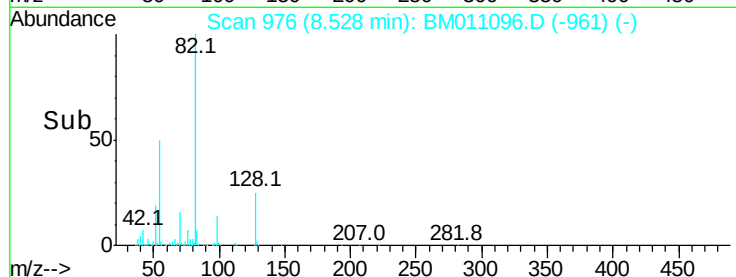
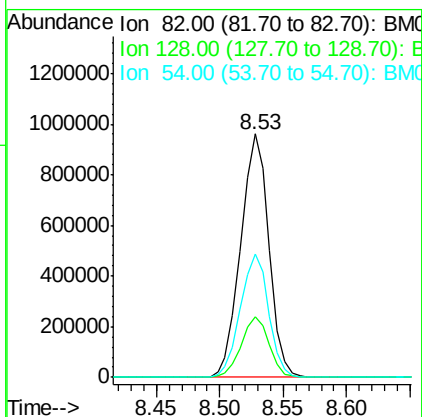
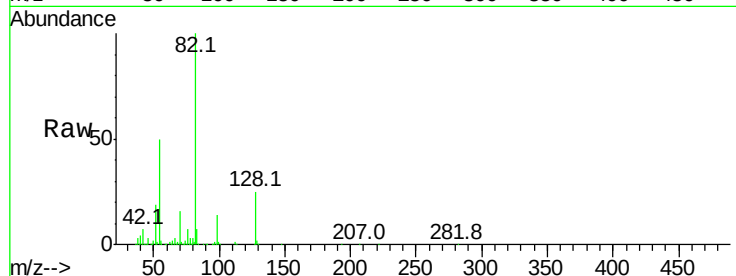


#23
 Nitrobenzene-d5
 Concen: 100.328 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Instrument :
 BNA_M
 ClientSampleId :
 348

Tot Ion: 82 Resp: 1480328

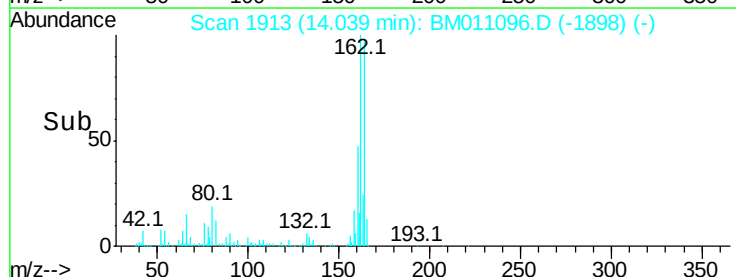
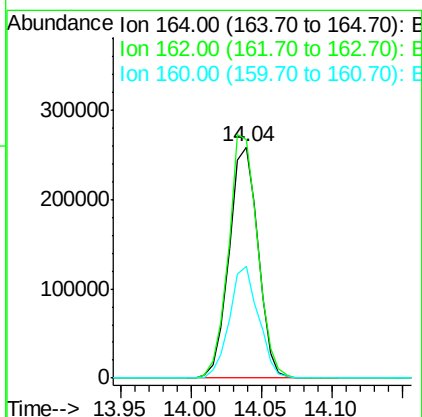
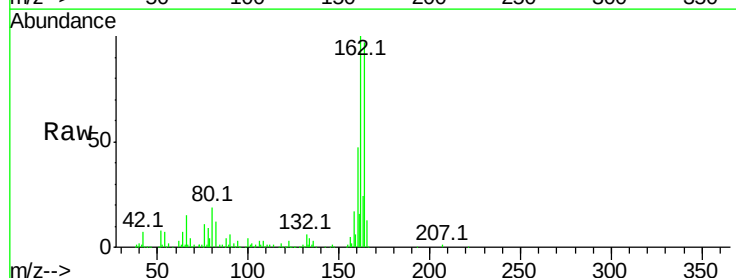
Ion	Ratio	Lower	Upper
82	100		
128	25.0	32.8	49.2#
54	50.4	40.6	60.8

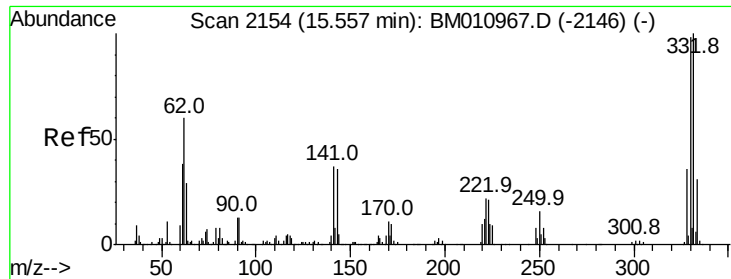


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Tgt Ion:164 Resp: 370115

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	48.6	35.8	53.6

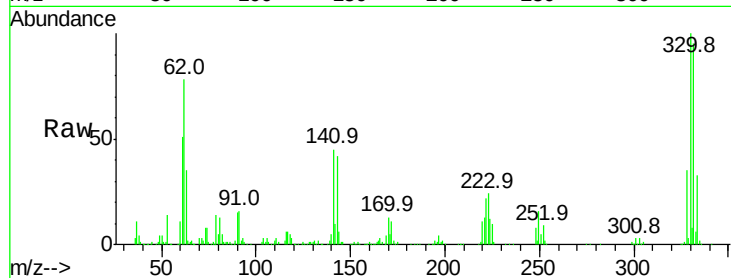




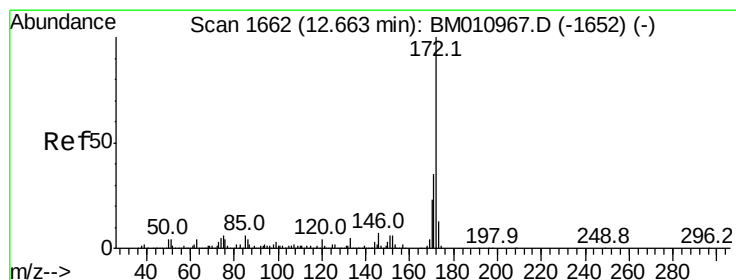
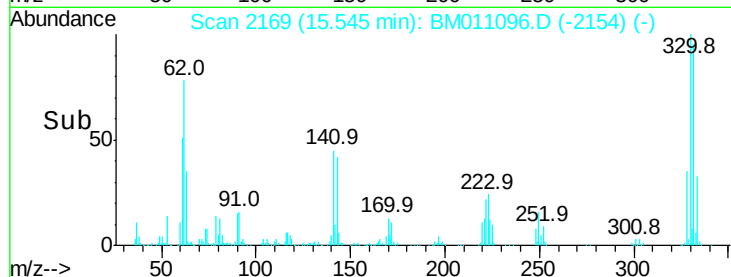
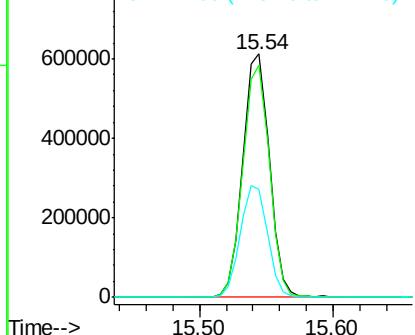
#41
 2,4,6-Tribromophenol
 Concen: 142.413 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Instrument :
 BNA_M
 ClientSampleId :
 348

Tot Ion:330 Resp: 844817
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 47.1 0.0 0.0#

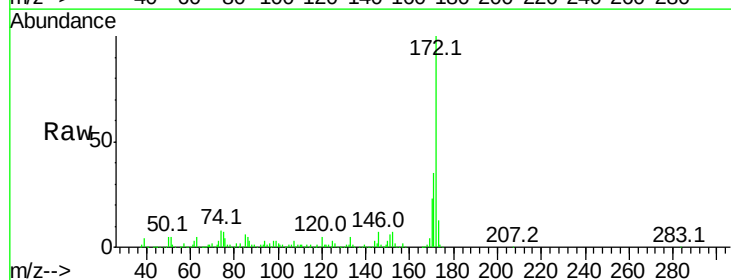


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

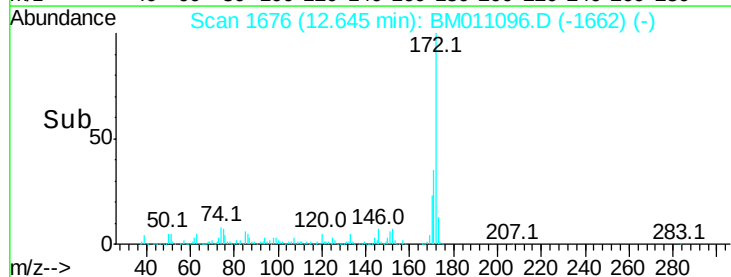
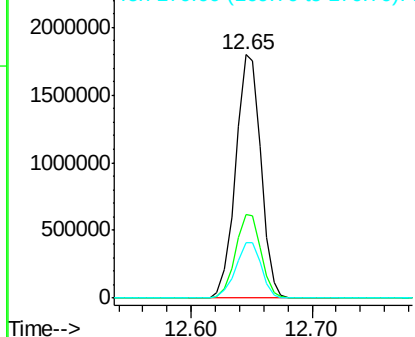


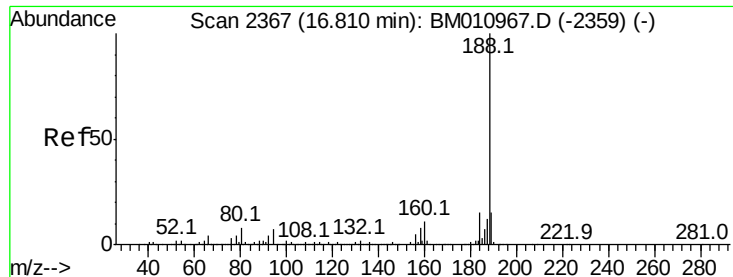
#44
 2-Fluorobiphenyl
 Concen: 88.497 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Tgt Ion:172 Resp: 2611682
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 22.6 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

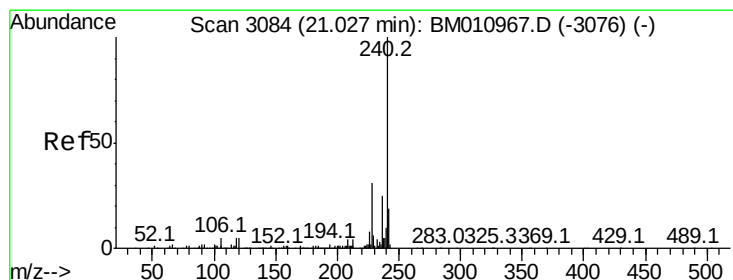
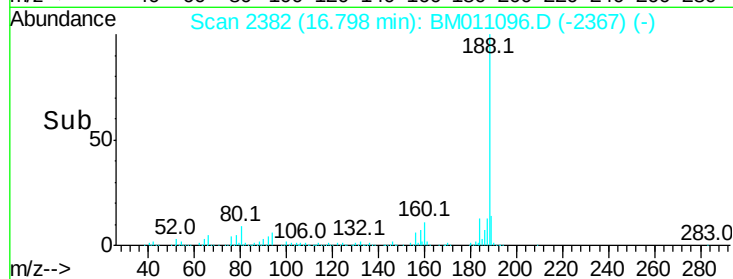
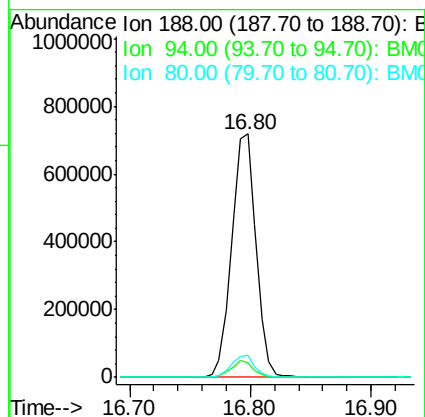
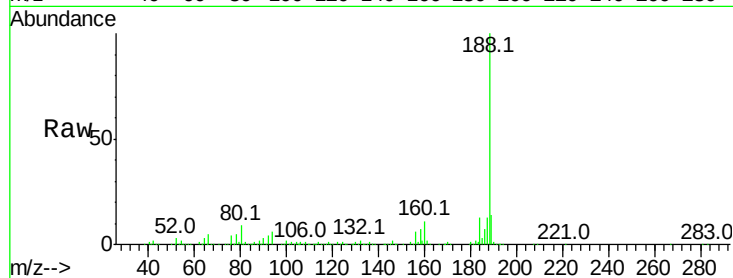




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

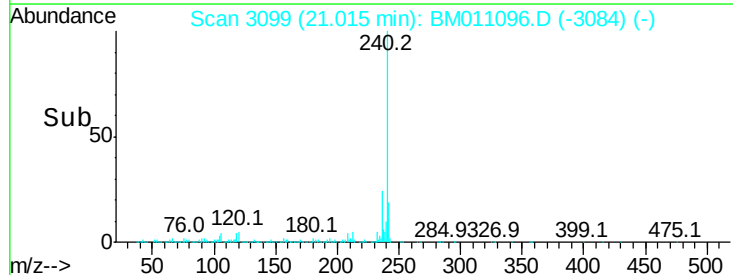
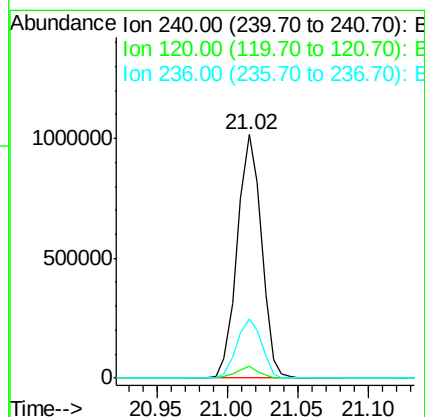
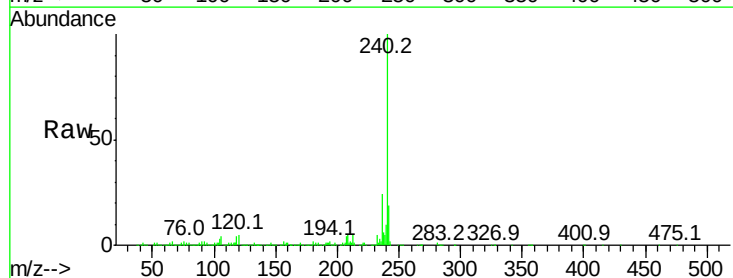
Instrument :
BNA_M
ClientSampled :
348

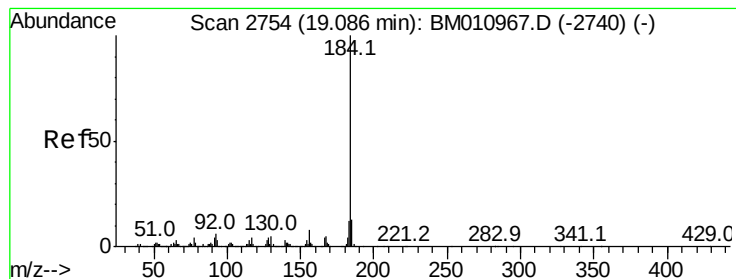
Tot Ion:188 Resp: 1010308
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011096.D
Acq: 02 Aug 2017 16:13

Tgt Ion:240 Resp: 1215791
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 24.2 20.0 30.0





#76

Benzidine

Concen: 8.182 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

Instrument :

BNA_M

ClientSampleId :

348

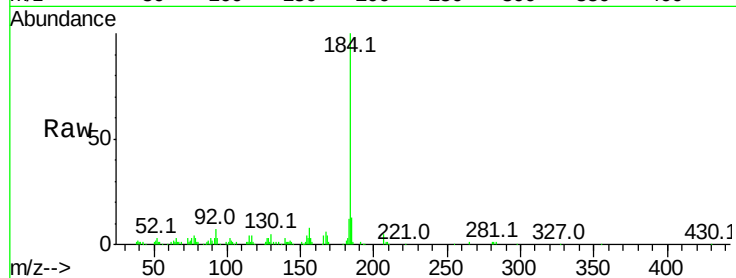
Tot Ion:184 Resp: 237974

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

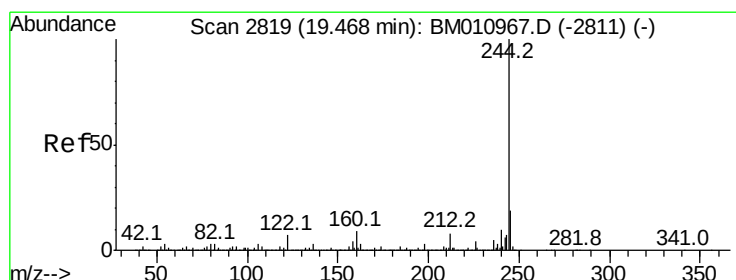
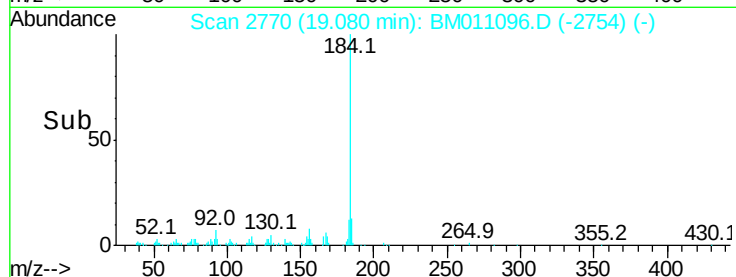
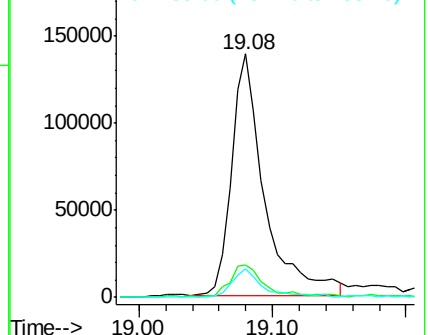
183 12.0 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.933 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011096.D

Acq: 02 Aug 2017 16:13

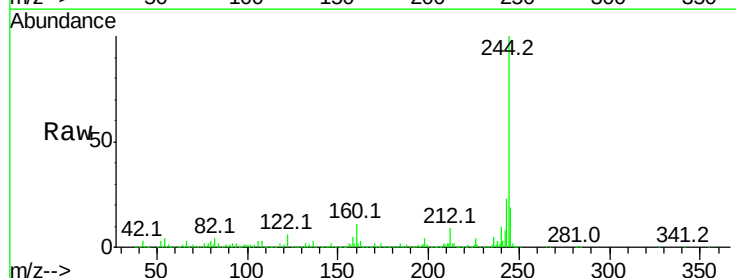
Tgt Ion:244 Resp: 5151497

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

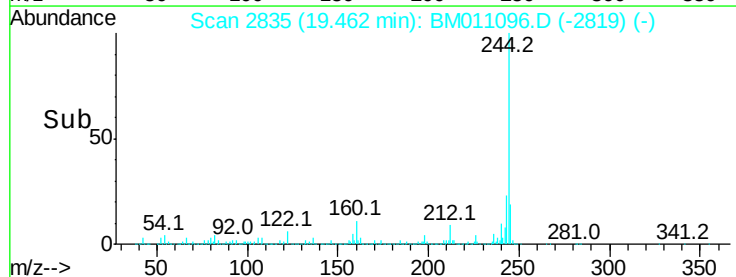
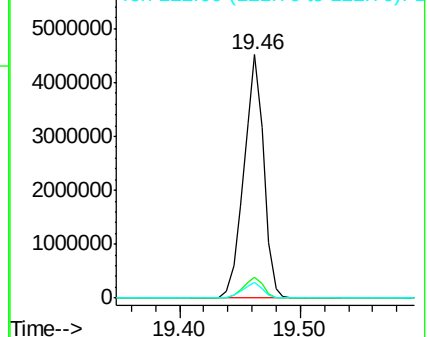
122 6.2 6.2 9.4

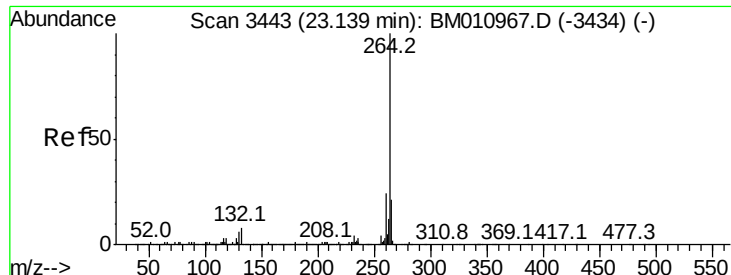


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

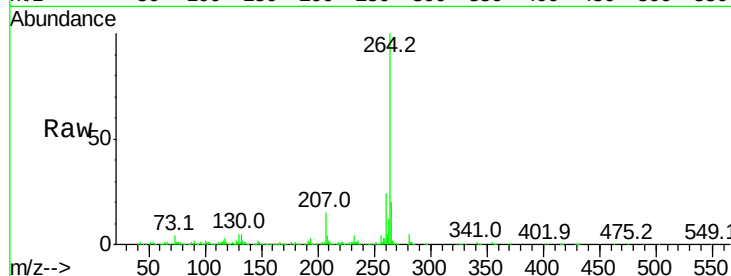




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011096.D
 Acq: 02 Aug 2017 16:13

Instrument :
 BNA_M
 ClientSampleId :
 348

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	20.1	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

