

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011156.D
 Acq On : 07 Aug 2017 17:29
 Operator : SJ/JU
 Sample : PB101261TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

Quant Time: Aug 08 01:01:44 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	7.31	152	138946	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	522823	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	374934	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	893693	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	941495	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1110233	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1336971	162.66	ng	-0.07
7) Phenol-d6	6.52	99	1797988	153.96	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1504574	108.01	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	873207	145.31	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2785321	93.17	ng	-0.08
78) Terphenyl-d14	19.41	244	5093489	107.17	ng	-0.06

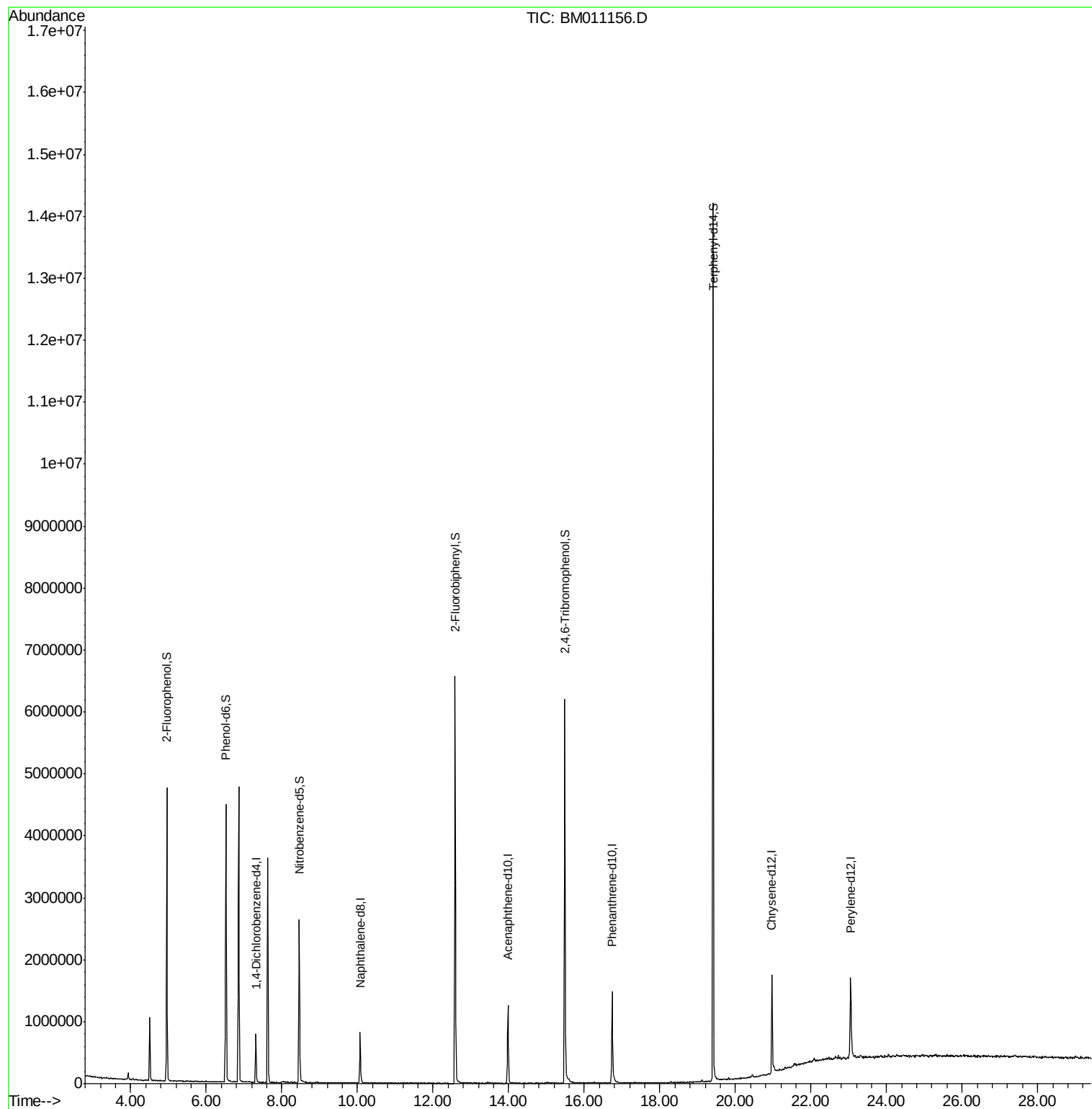
Target Compounds Qvalue

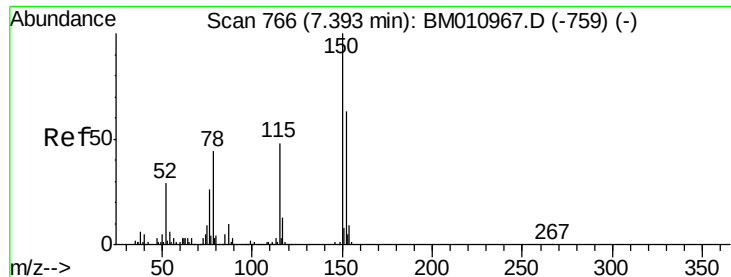
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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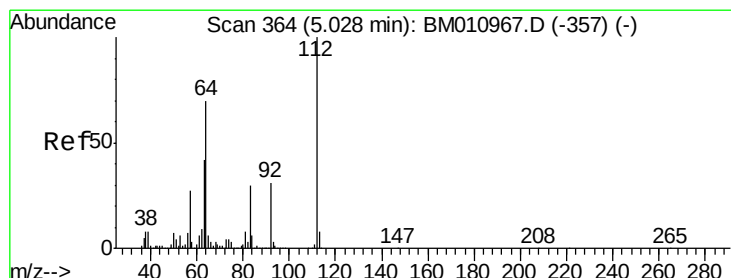
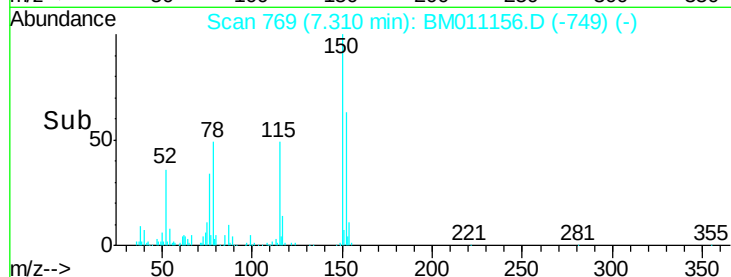
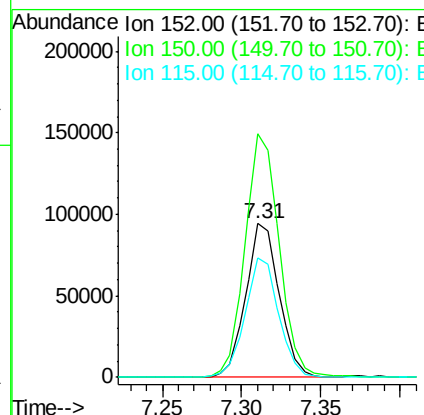
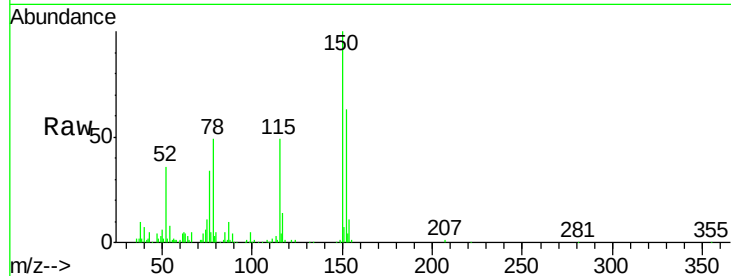


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Instrument :
BNA_M
ClientSampleId :
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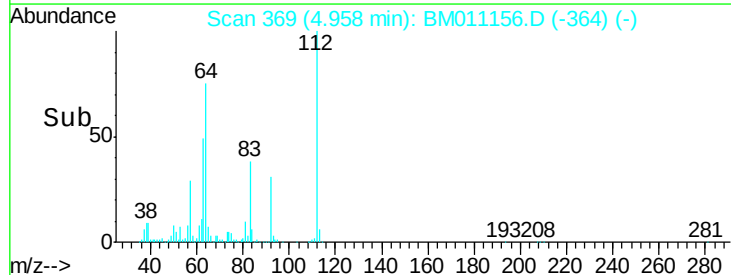
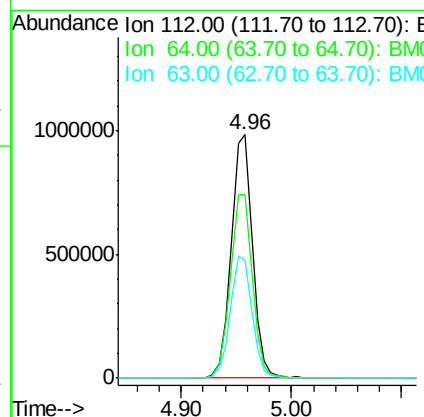
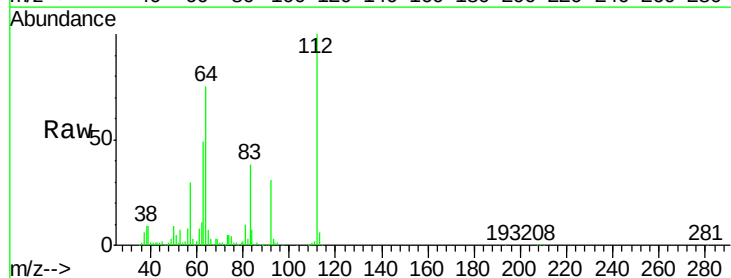
Tot Ion:152 Resp: 138946
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 77.8 43.0 64.4#

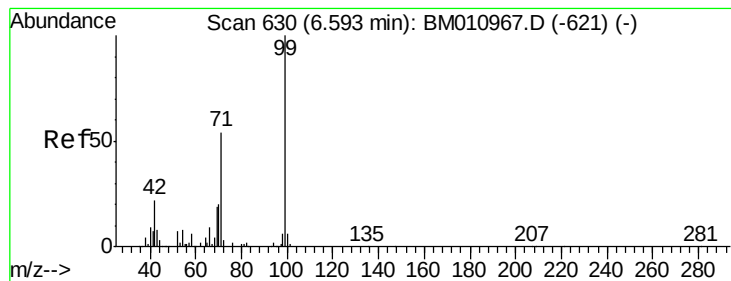


#5

2-Fluorophenol
Concen: 162.66 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Tgt Ion:112 Resp: 1336971
Ion Ratio Lower Upper
112 100
64 75.1 38.6 57.8#
63 48.7 19.3 28.9#





#7

Phenol-d6

Concen: 153.96 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Instrument :

BNA_M

ClientSampleId :

PB101261TB

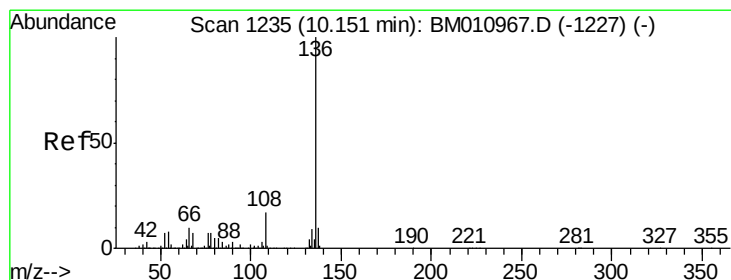
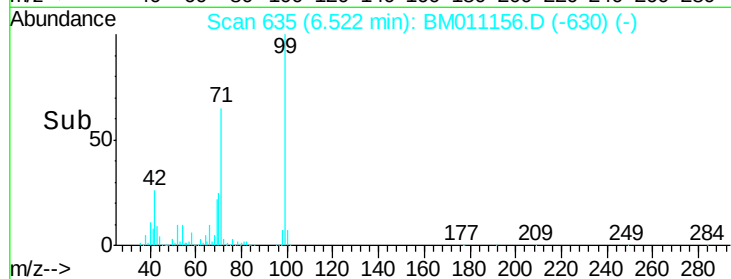
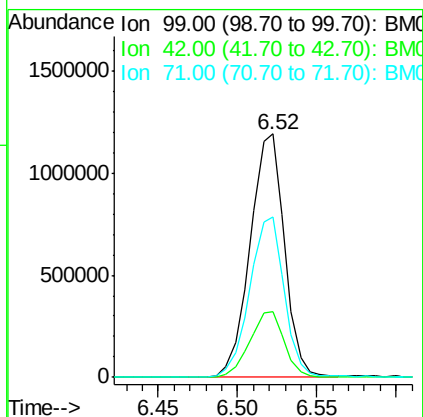
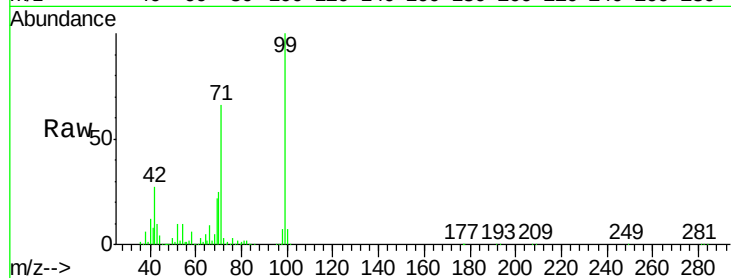
Tot Ion: 99 Resp: 1797988

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

71 65.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011156.D

Acq: 07 Aug 2017 17:29

Tgt Ion: 136 Resp: 522823

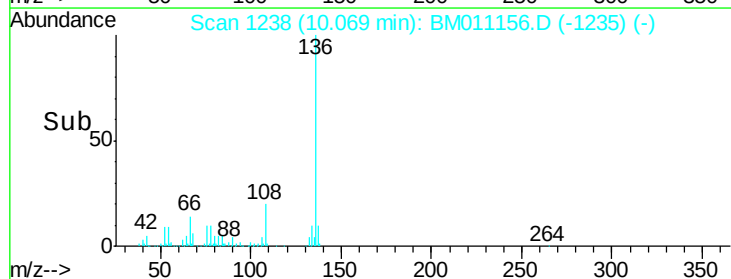
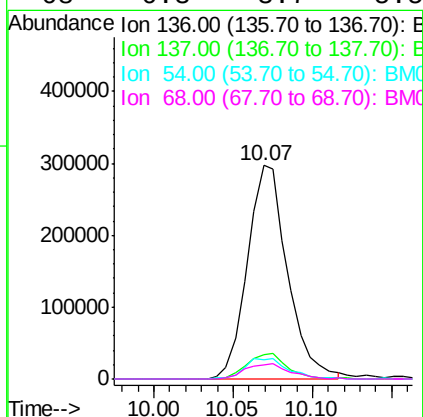
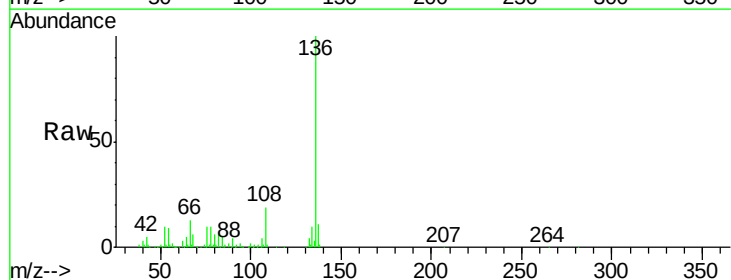
Ion Ratio Lower Upper

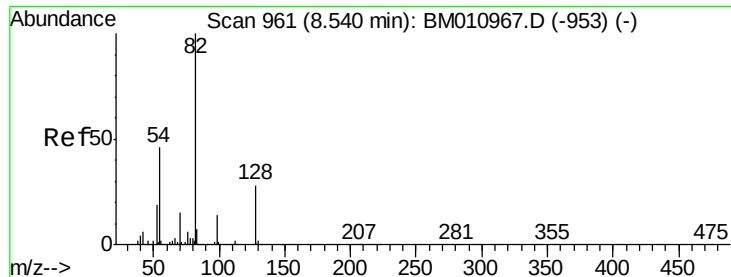
136 100

137 11.3 8.7 13.1

54 9.2 4.6 6.8#

68 6.3 3.7 5.5#

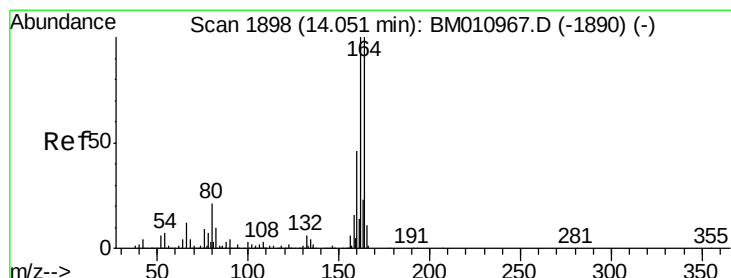
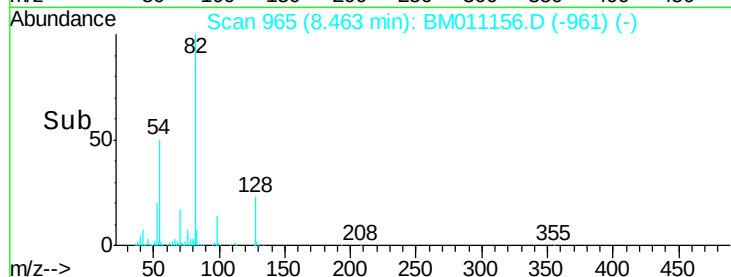
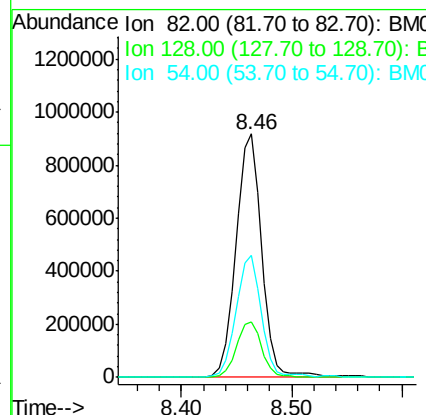
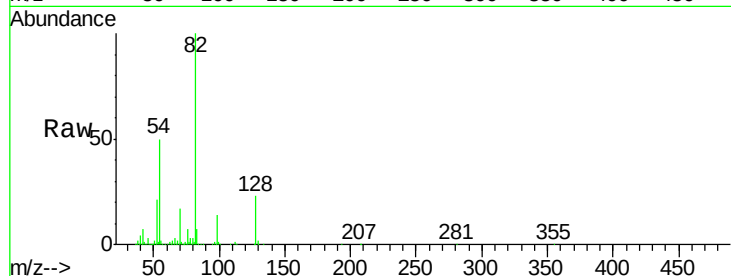




#23
 Nitrobenzene-d5
 Concen: 108.01 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

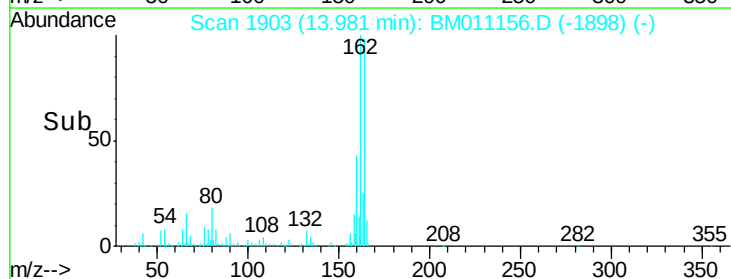
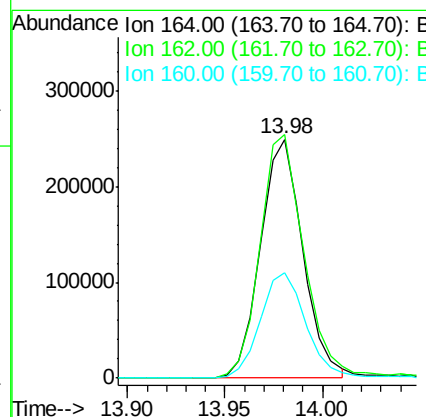
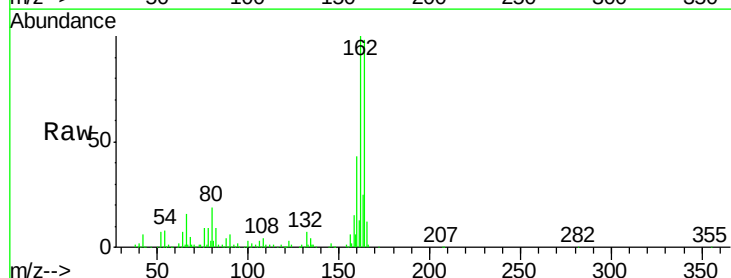
Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

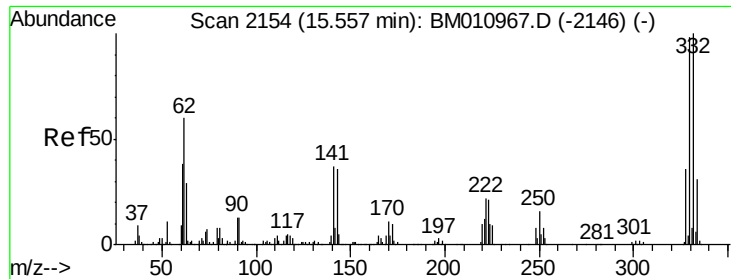
Tot Ion: 82 Resp: 1504574
 Ion Ratio Lower Upper
 82 100
 128 22.8 32.8 49.2#
 54 50.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Tgt Ion:164 Resp: 374934
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 44.2 35.8 53.6

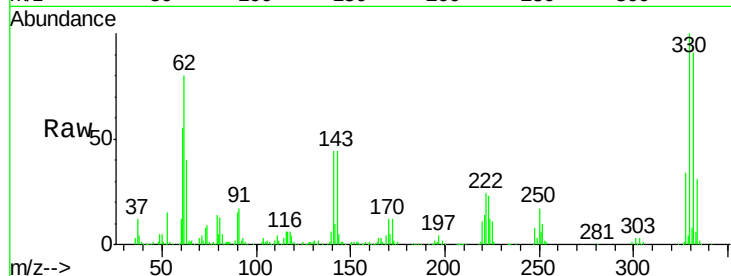




#41
 2,4,6-Tribromophenol
 Concen: 145.31 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 PB101261TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	46.6	0.0	0.0#

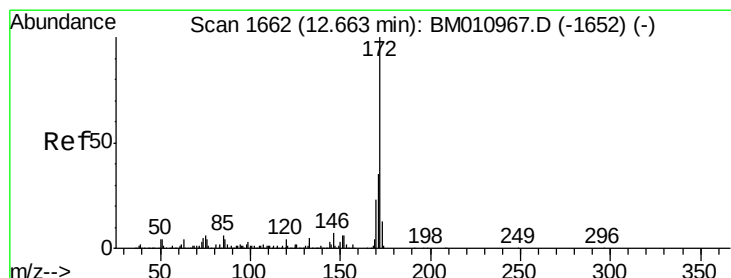
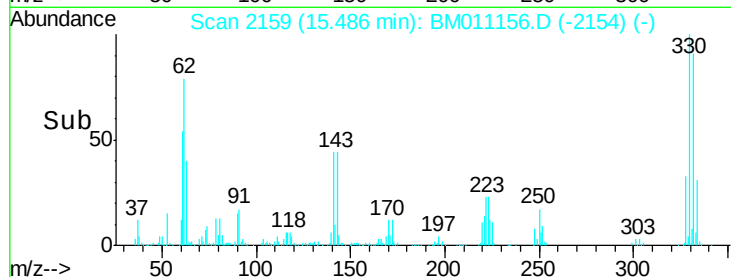
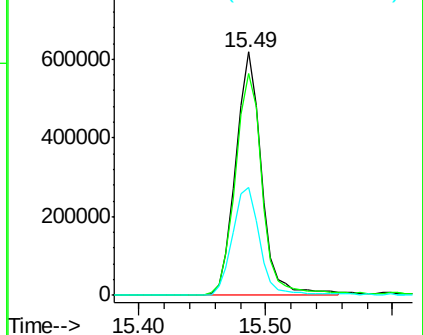


Abundance

Ion 329.80 (329.50 to 330.50): E

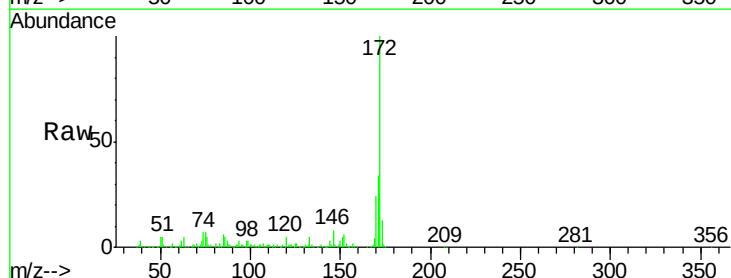
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.17 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.5	18.8	28.2

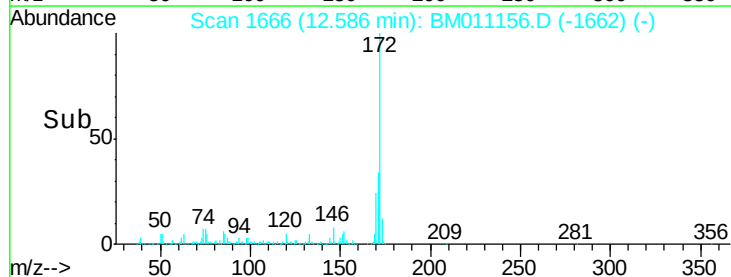
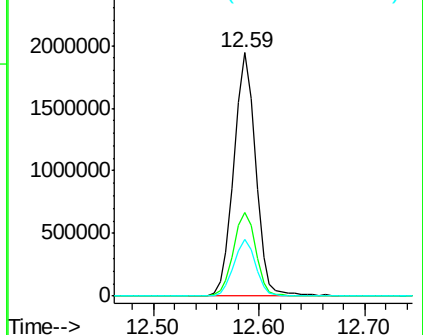


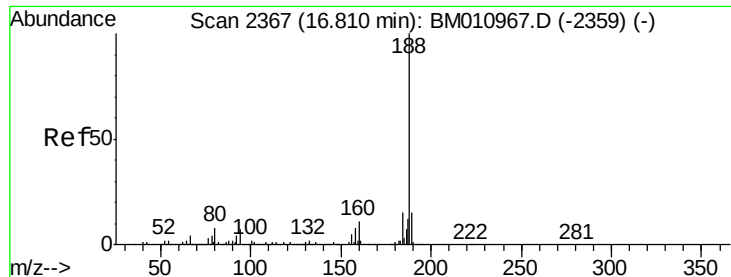
Abundance

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

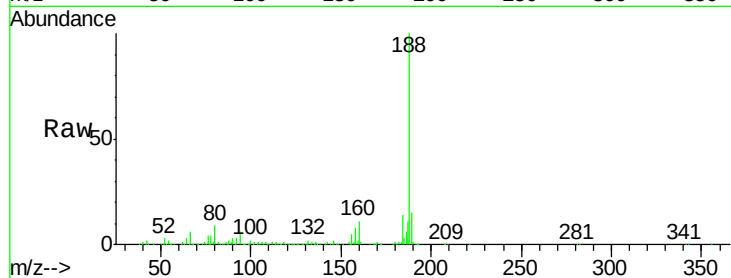




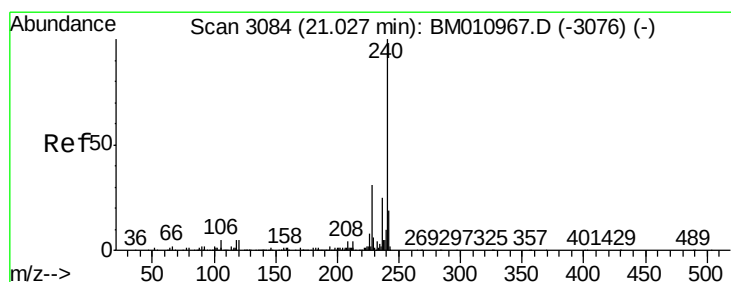
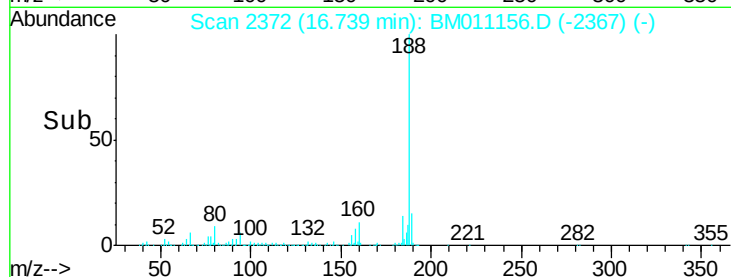
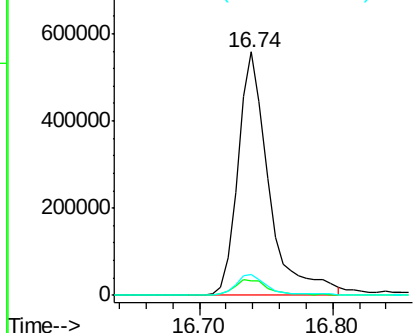
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Instrument :
BNA_M
ClientSampleId :
PB101261TB

Tot Ion:188 Resp: 893693
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 8.6 9.3 13.9#

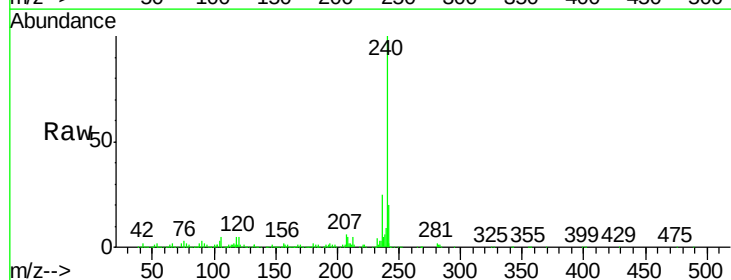


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

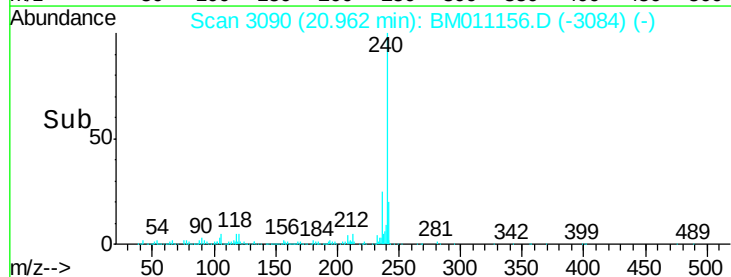
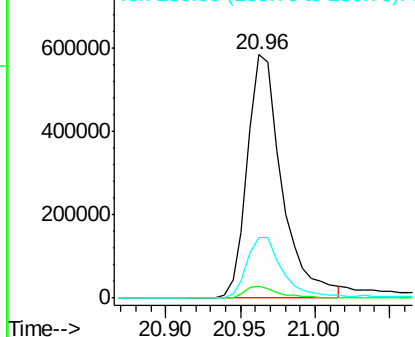


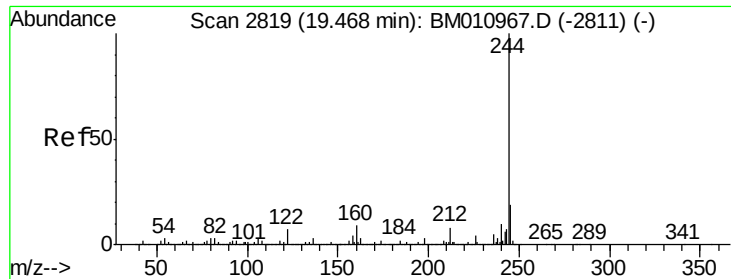
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011156.D
Acq: 07 Aug 2017 17:29

Tgt Ion:240 Resp: 941495
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 24.8 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

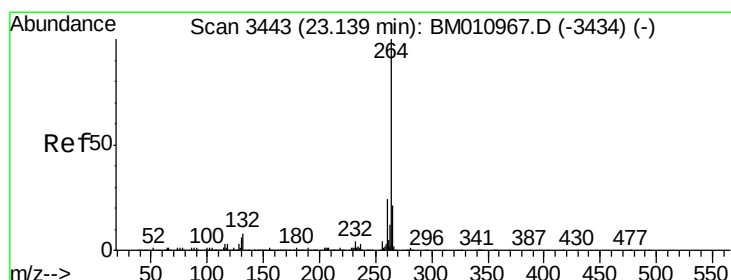
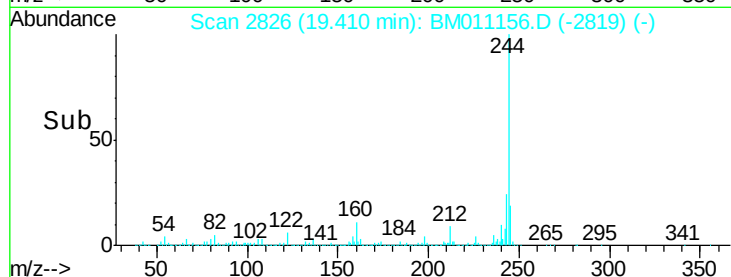
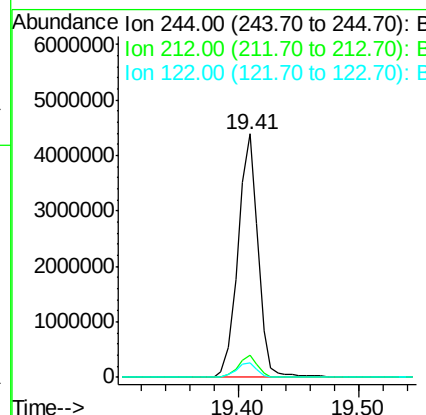
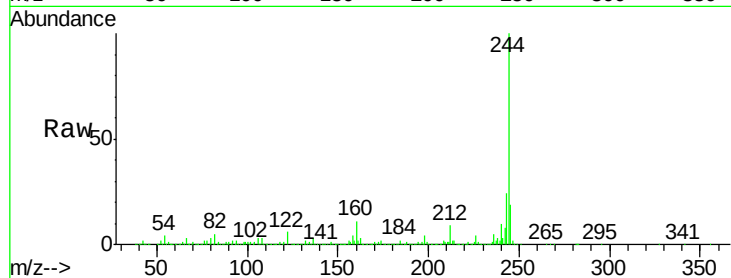




#78
 Terphenyl-d14
 Concen: 107.17 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Instrument :
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 PB101261TB

Tot Ion:244 Resp: 5093489
 Ion Ratio Lower Upper
 244 100
 212 9.1 4.9 7.3#
 122 5.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011156.D
 Acq: 07 Aug 2017 17:29

Tgt Ion:264 Resp: 1110233
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.7 17.3 25.9

