

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011155.D
 Acq On : 07 Aug 2017 16:53
 Operator : SJ/JU
 Sample : PB101261BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BL

Quant Time: Aug 08 01:01:20 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	143282	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	531357	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	381274	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	892213	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	960698	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1126253	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	1294355	152.71	ng	-0.08
7) Phenol-d6	6.52	99	1767282	146.75	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1389118	98.12	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	791489	129.52	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2646132	87.04	ng	-0.08
78) Terphenyl-d14	19.41	244	4738695	97.71	ng	-0.06

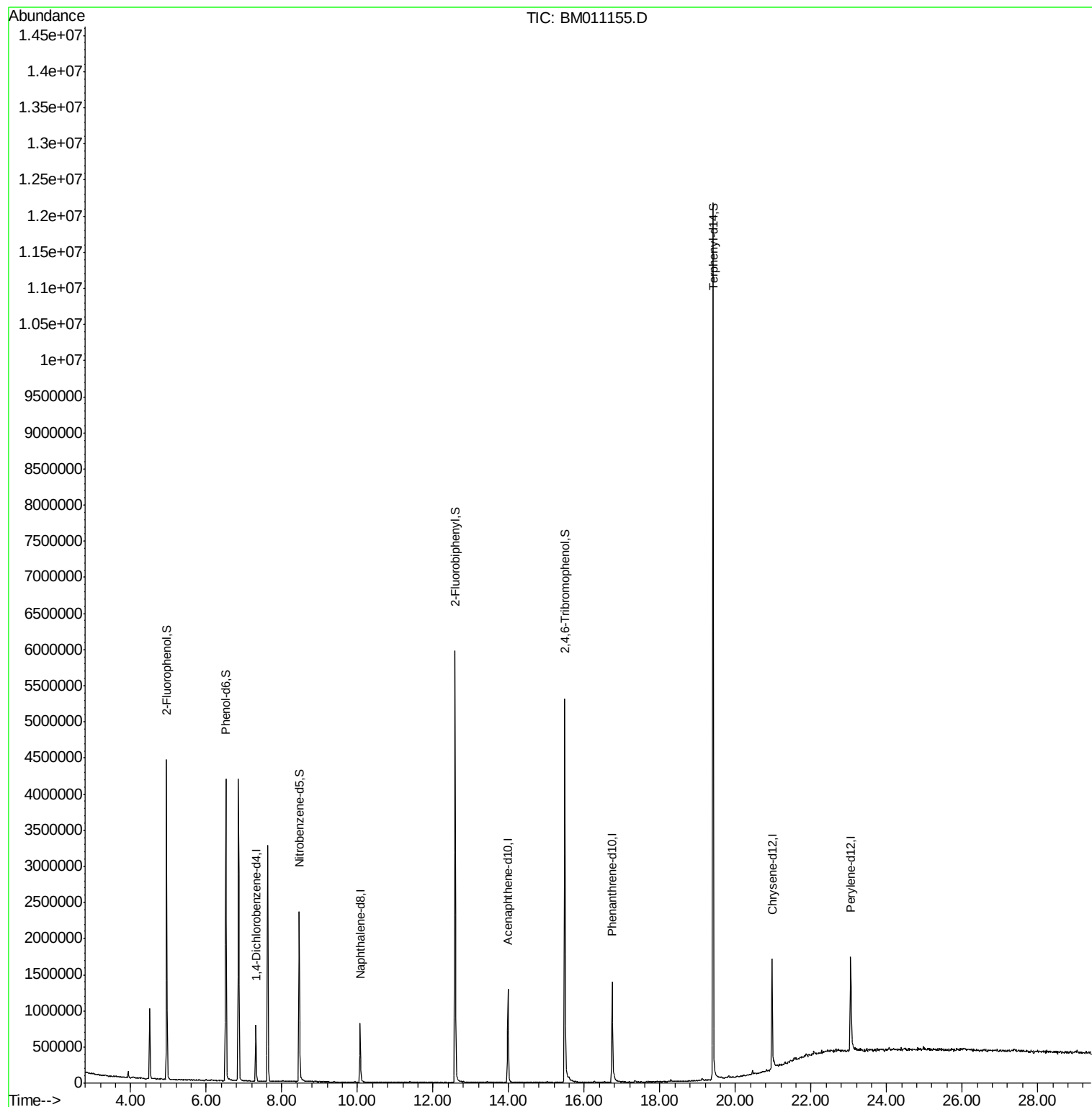
Target Compounds Qvalue

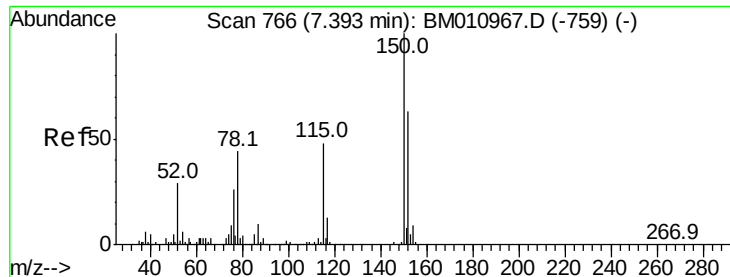
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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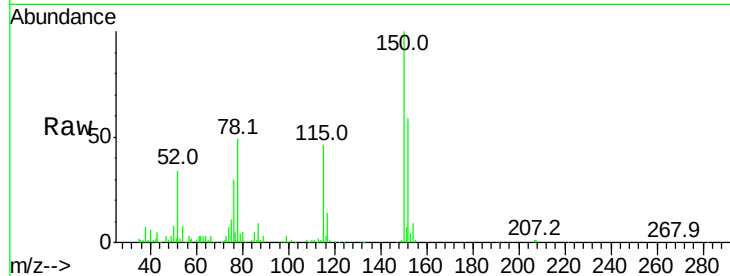


#1

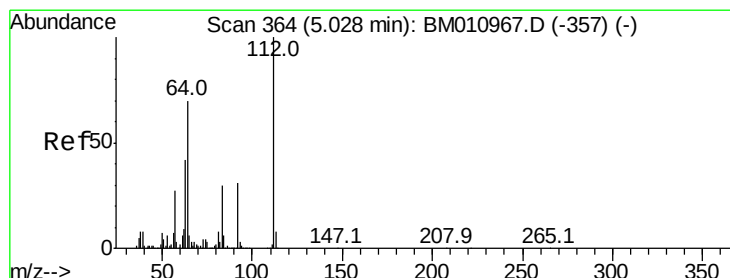
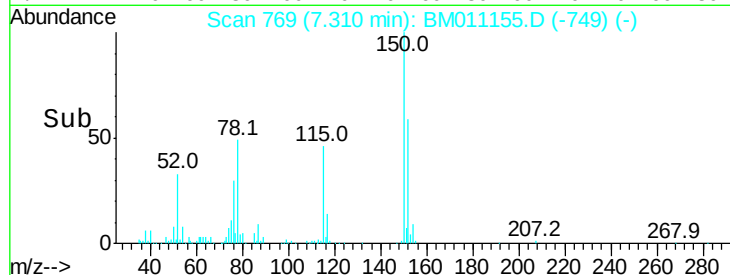
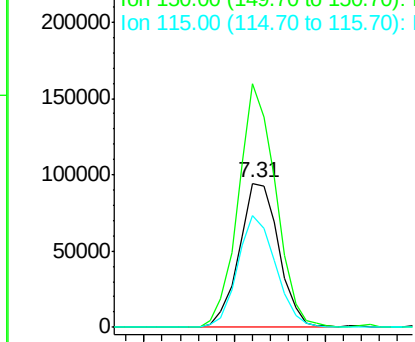
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011155.D
Acq: 07 Aug 2017 16:53

Instrument :
BNA_M
ClientSampled :
PB101261BL

Tot Ion:152 Resp: 143282
Ion Ratio Lower Upper
152 100
150 169.2 119.5 179.3
115 77.8 43.0 64.4#



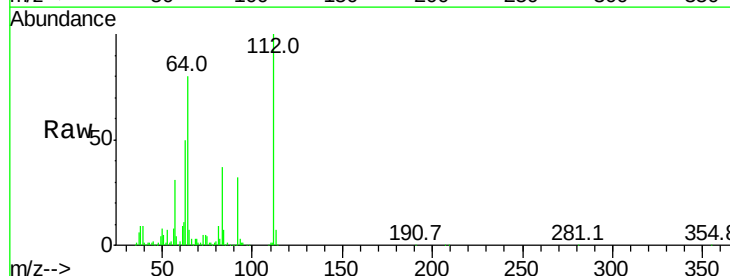
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



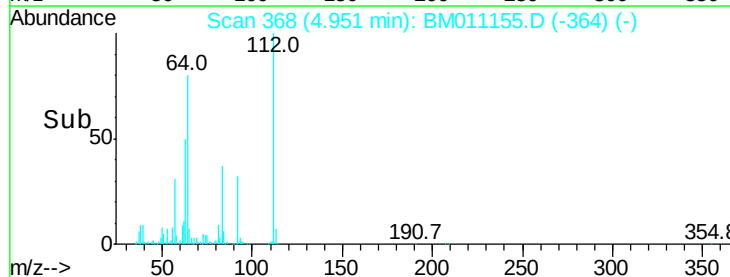
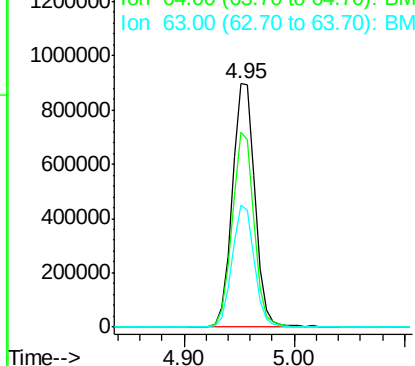
#5

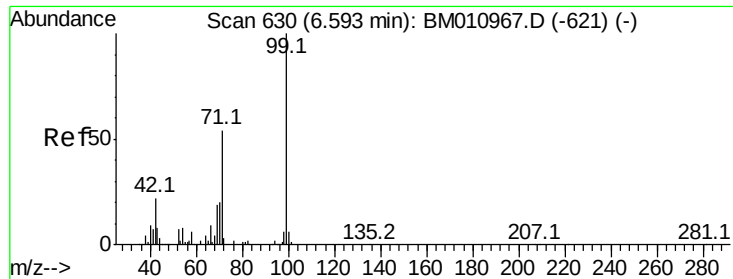
2-Fluorophenol
Concen: 152.708 ng
RT: 4.95 min Scan# 368
Delta R.T. -0.08 min
Lab File: BM011155.D
Acq: 07 Aug 2017 16:53

Tgt Ion:112 Resp: 1294355
Ion Ratio Lower Upper
112 100
64 80.1 38.6 57.8#
63 50.1 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: 146.749 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

Instrument :

BNA_M

ClientSampleId :

PB101261BL

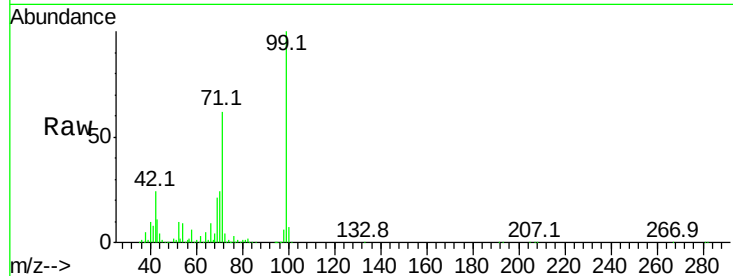
Tot Ion: 99 Resp: 1767282

Ion Ratio Lower Upper

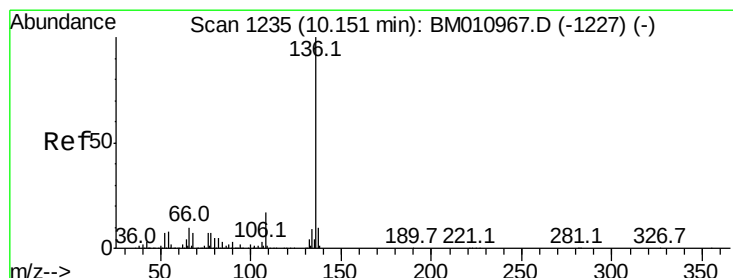
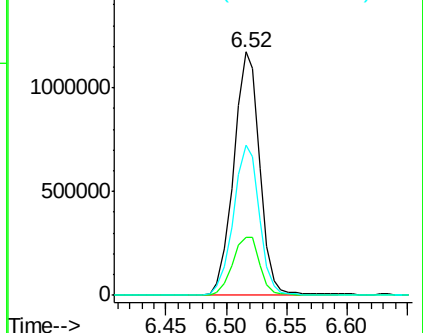
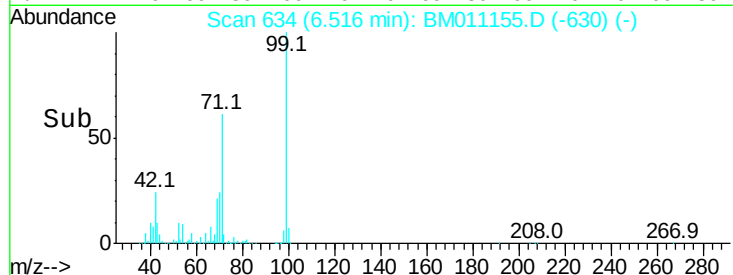
99 100

42 24.0 11.0 16.4#

71 61.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011155.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

Tgt Ion: 136 Resp: 531357

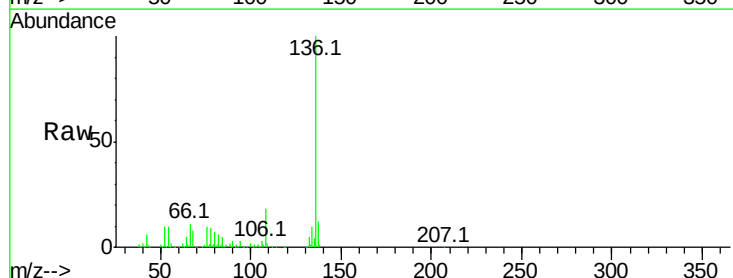
Ion Ratio Lower Upper

136 100

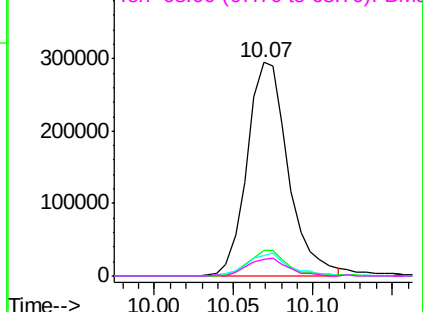
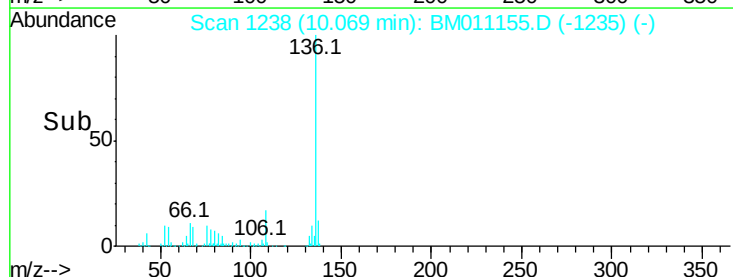
137 11.8 8.7 13.1

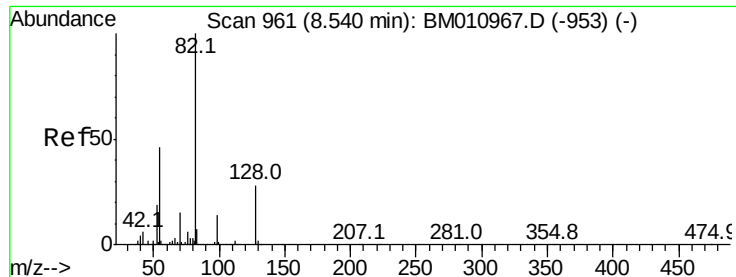
54 9.6 4.6 6.8#

68 7.9 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011155.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 98.118 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

Instrument :

BNA_M

ClientSampleId :

PB101261BL

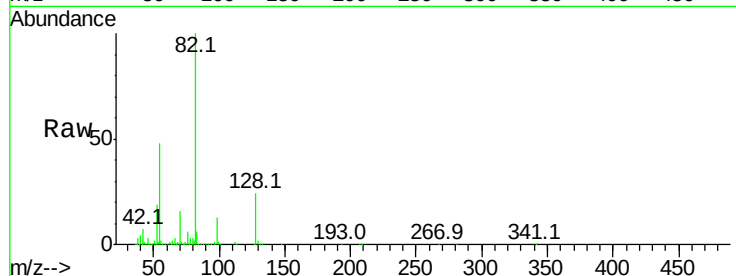
Tot Ion: 82 Resp: 1389118

Ion Ratio Lower Upper

82 100

128 24.1 32.8 49.2#

54 47.7 40.6 60.8

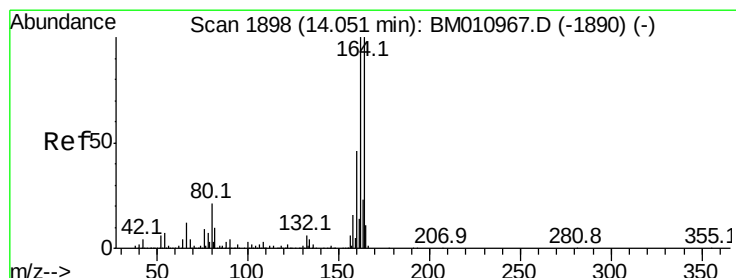
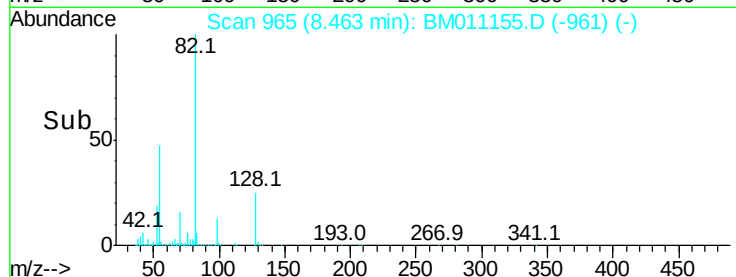


Abundance Ion 82.00 (81.70 to 82.70): BM011155.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011155.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011155.D (-961) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1903

Delta R.T. -0.07 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

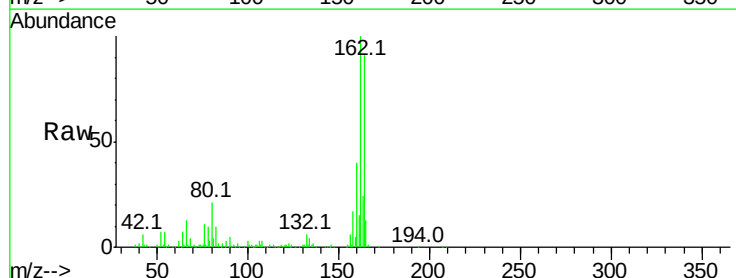
Tgt Ion:164 Resp: 381274

Ion Ratio Lower Upper

164 100

162 110.4 82.4 123.6

160 44.5 35.8 53.6

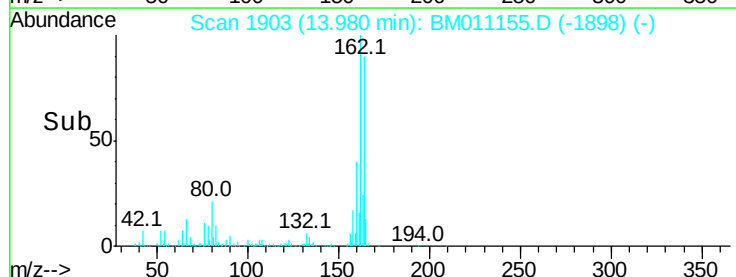


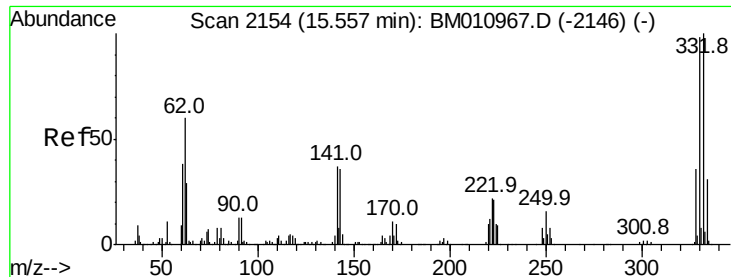
Abundance Ion 164.00 (163.70 to 164.70): BM011155.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011155.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011155.D (-1898) (-)

Time-->

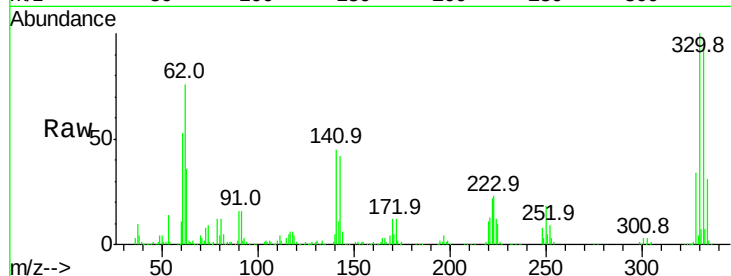




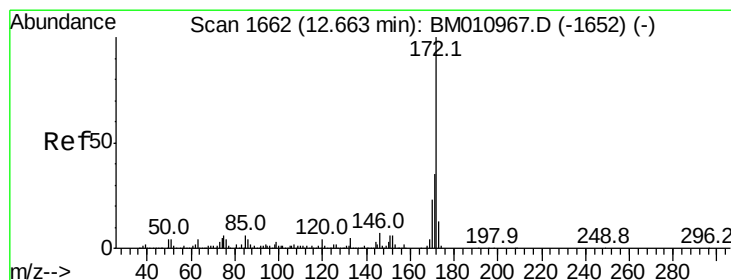
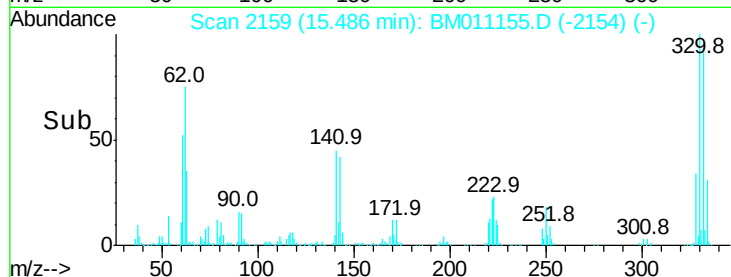
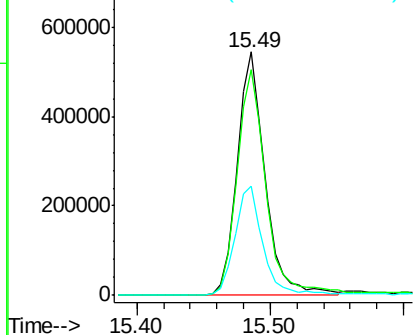
#41
 2,4,6-Tribromophenol
 Concen: 129.518 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011155.D
 Acq: 07 Aug 2017 16:53

Instrument :
 BNA_M
 ClientSampleId :
 PB101261BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	45.2	0.0	0.0#

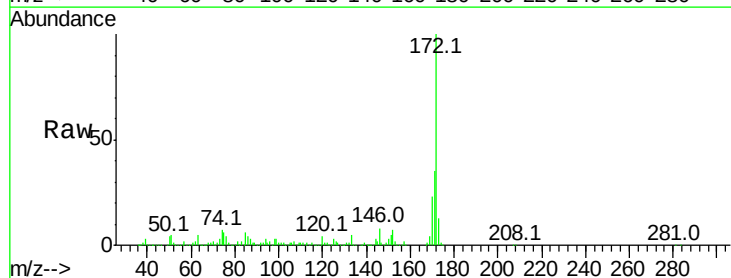


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

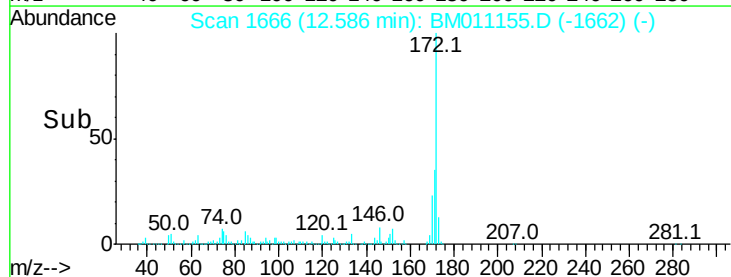
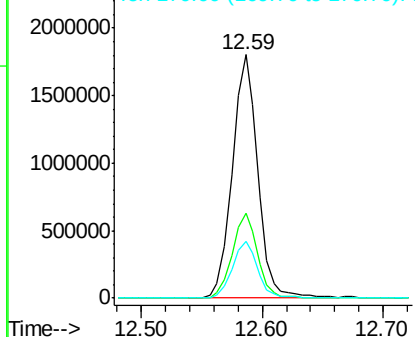


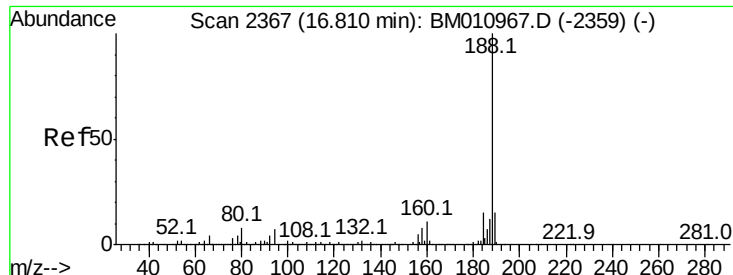
#44
 2-Fluorobiphenyl
 Concen: 87.040 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011155.D
 Acq: 07 Aug 2017 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.2	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

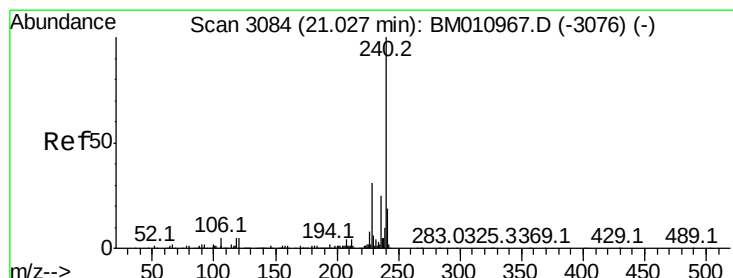
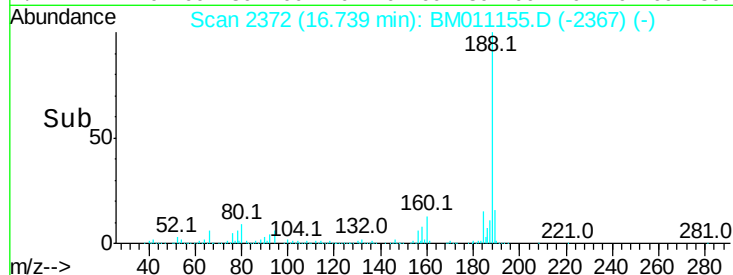
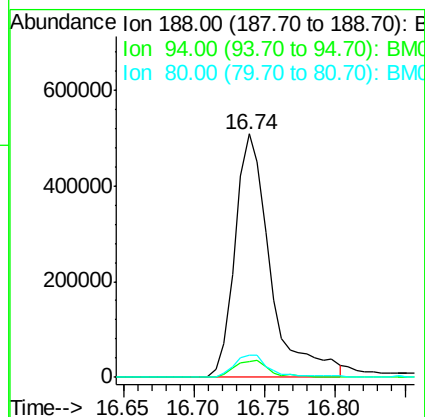
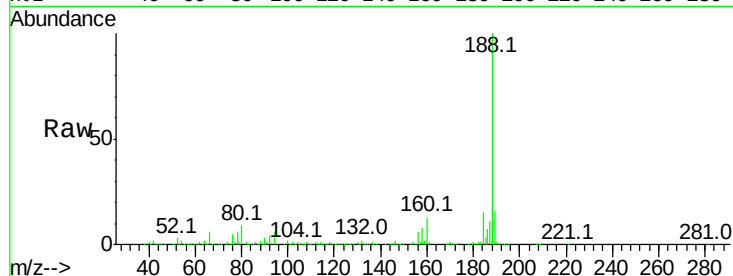




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011155.D
Acq: 07 Aug 2017 16:53

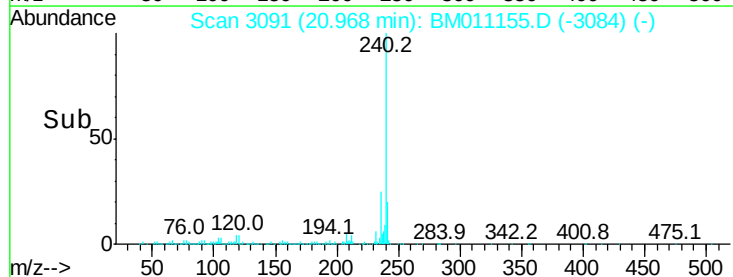
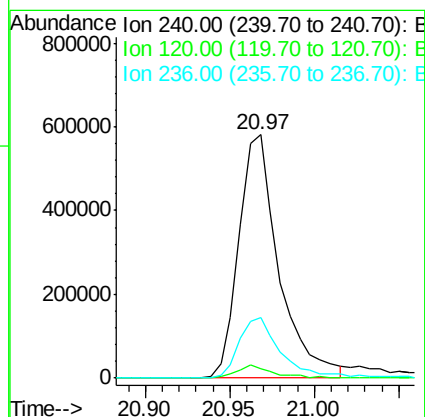
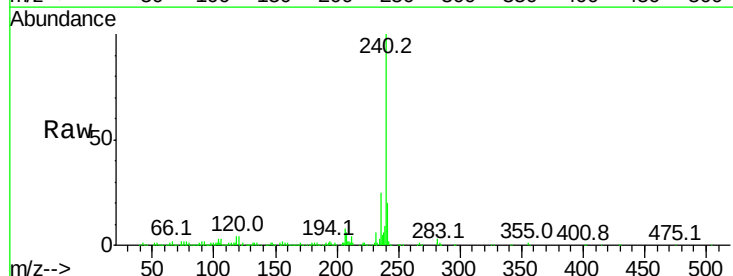
Instrument :
BNA_M
ClientSampleId :
PB101261BL

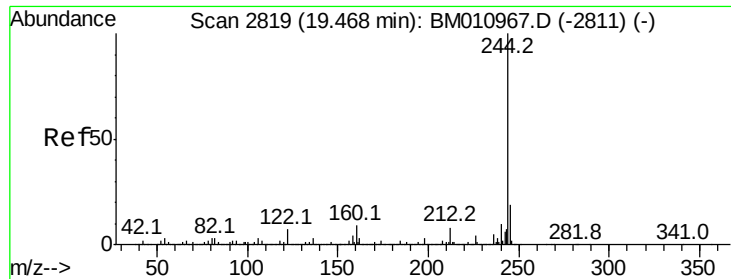
Tot Ion:188 Resp: 892213
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011155.D
Acq: 07 Aug 2017 16:53

Tgt Ion:240 Resp: 960698
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 97.708 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

Instrument :

BNA_M

ClientSampleId :

PB101261BL

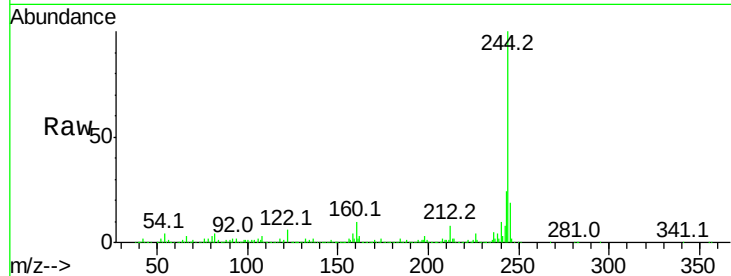
Tot Ion:244 Resp: 4738695

Ion Ratio Lower Upper

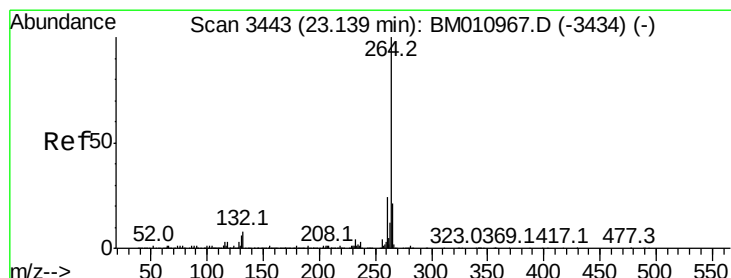
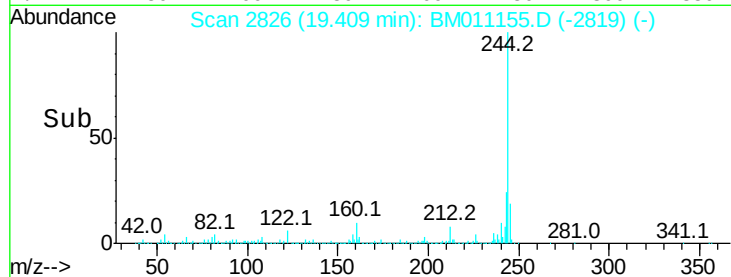
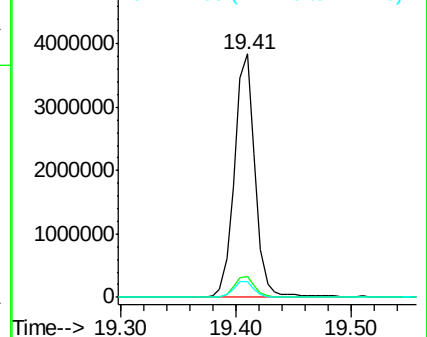
244 100

212 8.4 4.9 7.3#

122 6.5 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: 20.000 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011155.D

Acq: 07 Aug 2017 16:53

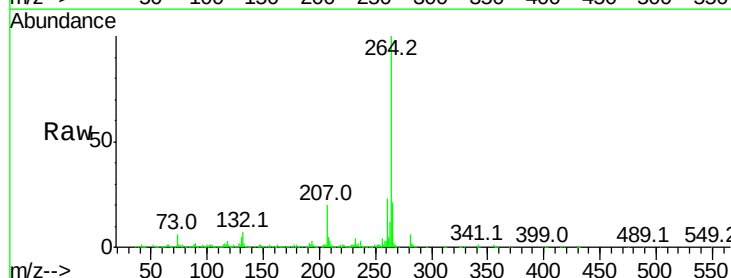
Tgt Ion:264 Resp: 1126253

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.5 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

