

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011466.D
 Acq On : 07 Sep 2017 22:06
 Operator : SJ/JU
 Sample : I5123-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01

Quant Time: Sep 08 07:51:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	306713	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1248837	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	673756	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	1537266	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	1796968	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1654914	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1108774	60.85	ng	-0.01
7) Phenol-d6	7.13	99	842417	33.34	ng	-0.01
23) Nitrobenzene-d5	9.14	82	2019689	106.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	979148	125.61	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5036984	107.76	ng	-0.02
78) Terphenyl-d14	19.96	244	7368395	101.74	ng	-0.02

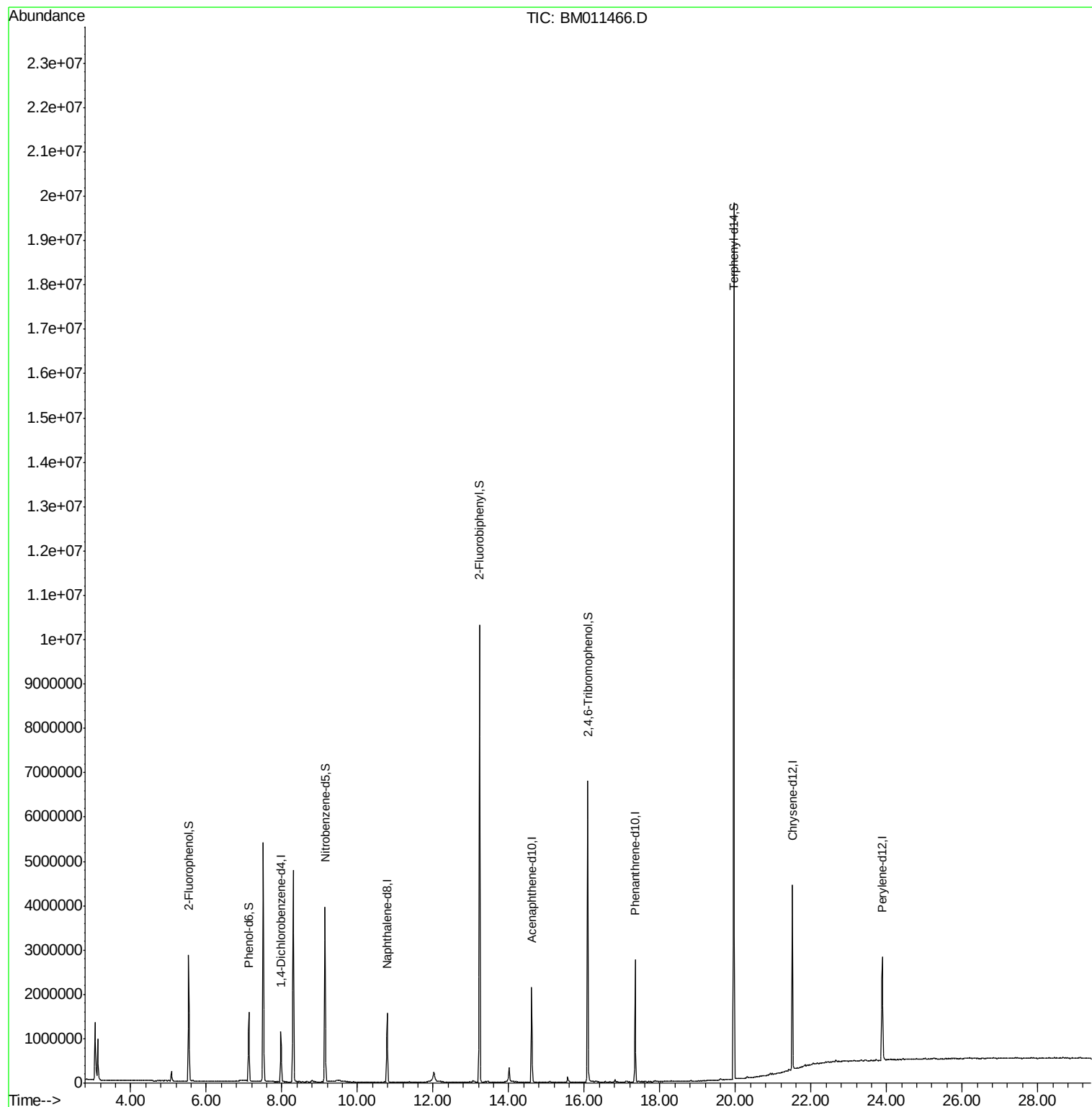
Target Compounds Qvalue

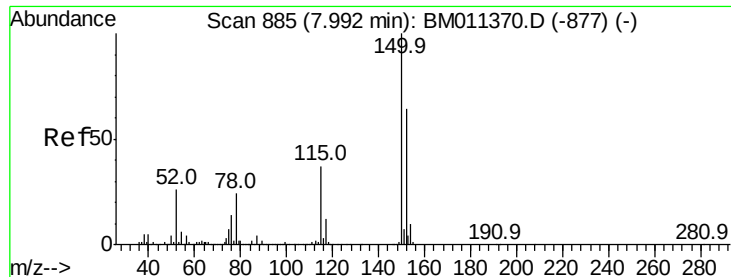
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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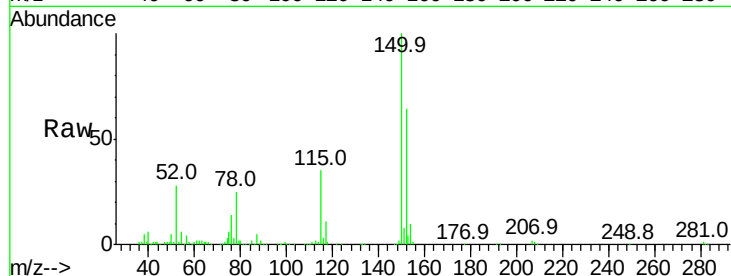


#1

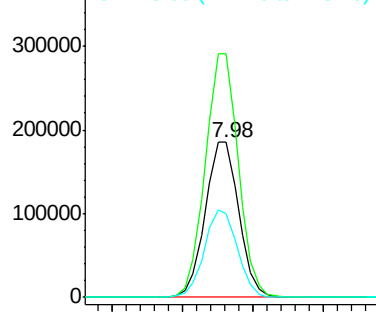
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011466.D
Acq: 07 Sep 2017 22:06

Instrument :
BNA_M
ClientSampleId :
FB-01

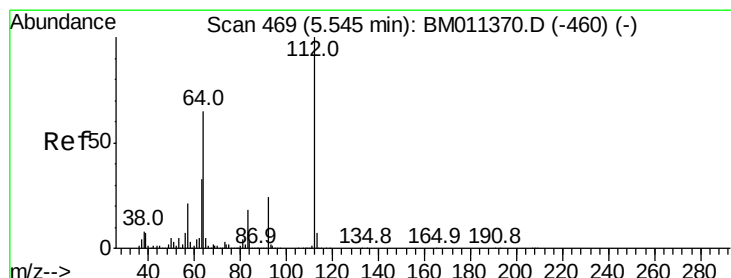
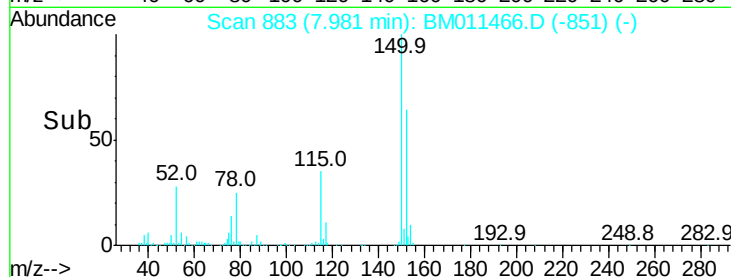
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	119.5	179.3
115	54.4	43.0	64.4



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



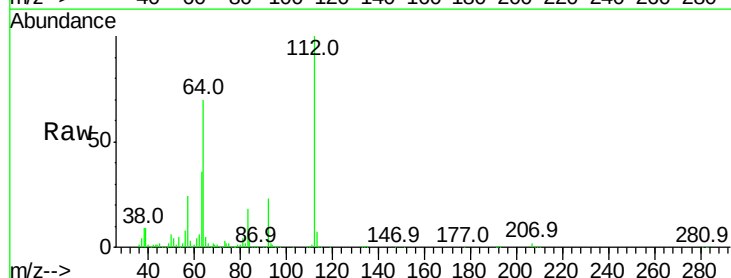
Time-->



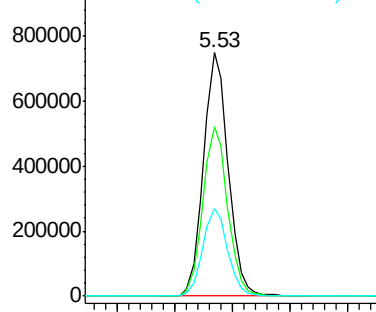
#5

2-Fluorophenol
Concen: 60.851 ng
RT: 5.53 min Scan# 467
Delta R.T. -0.01 min
Lab File: BM011466.D
Acq: 07 Sep 2017 22:06

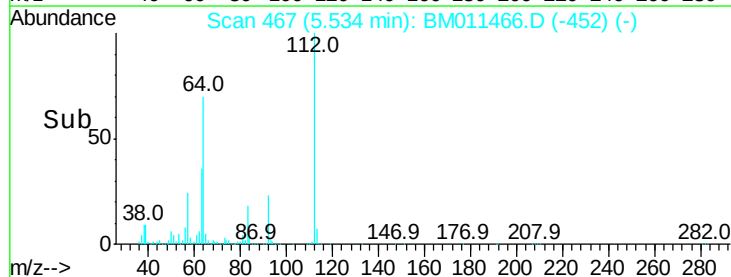
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	38.6	57.8#
63	36.1	19.3	28.9#

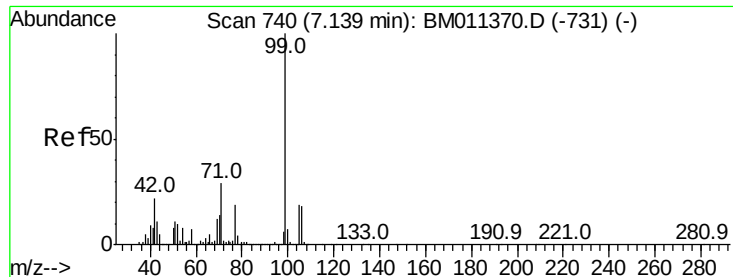


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 33.342 ng

RT: 7.13 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

Instrument :

BNA_M

ClientSampleId :

FB-01

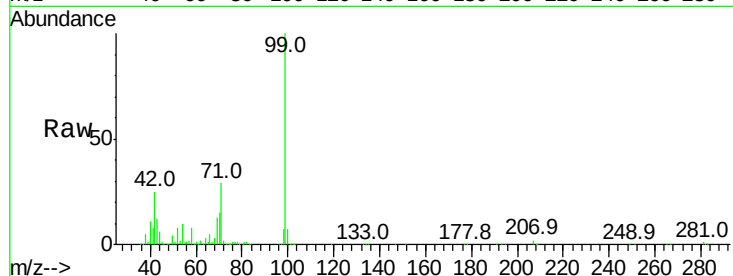
Tot Ion: 99 Resp: 842417

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

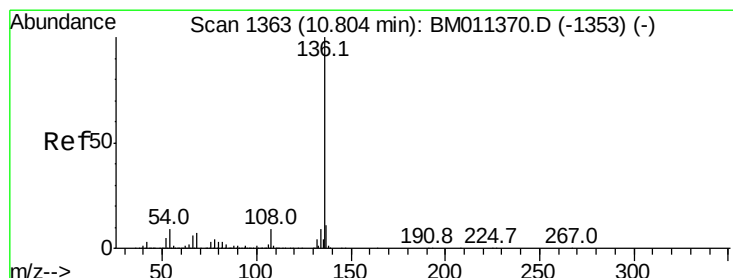
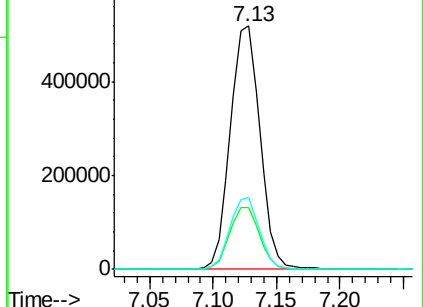
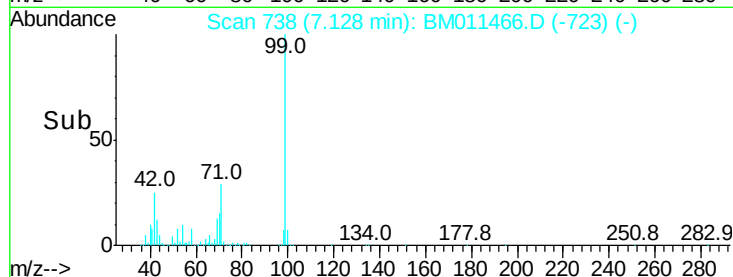
71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011466.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011466.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011466.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

Tgt Ion: 136 Resp: 1248837

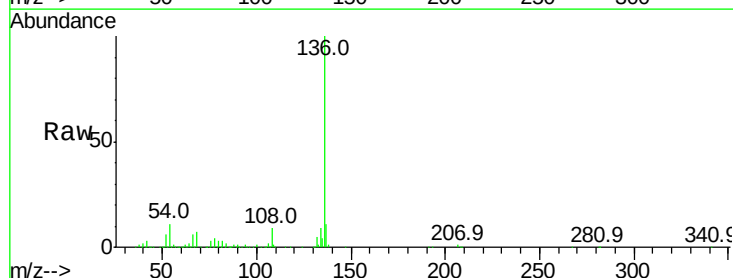
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 4.6 6.8#

68 6.8 3.7 5.5#

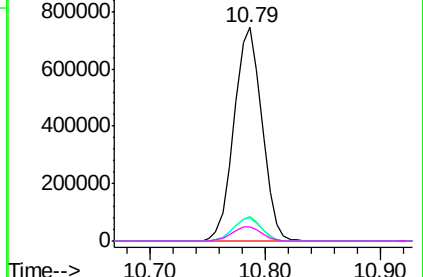
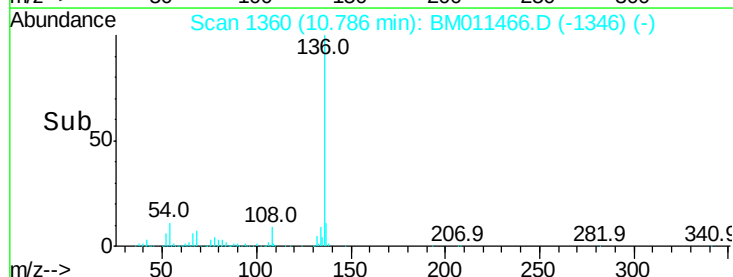


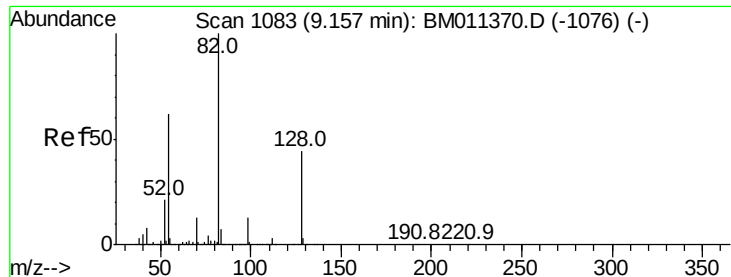
Abundance Ion 136.00 (135.70 to 136.70): BM011466.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011466.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011466.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011466.D (-1346) (-)

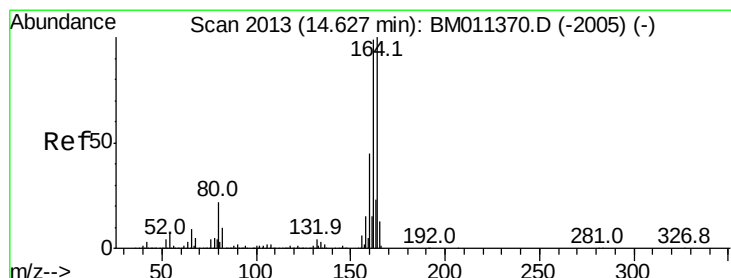
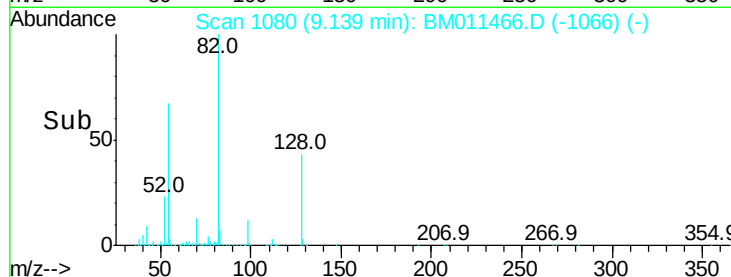
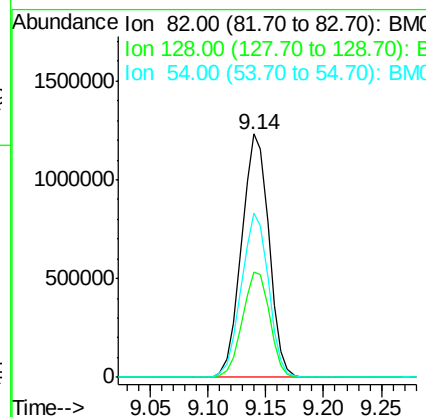
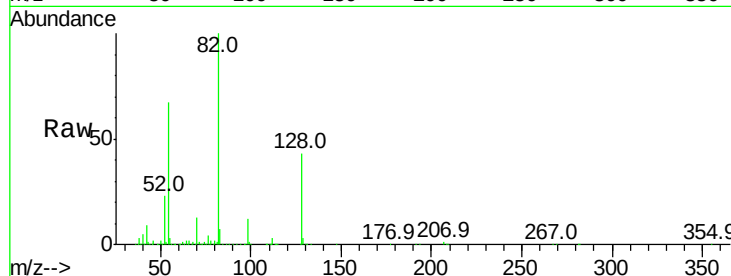




#23
 Nitrobenzene-d5
 Concen: 106.574 ng
 RT: 9.14 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BM011466.D
 Acq: 07 Sep 2017 22:06

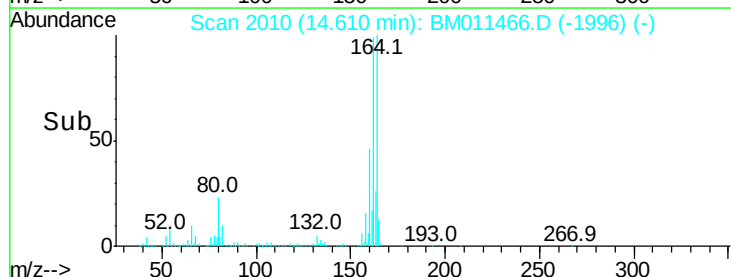
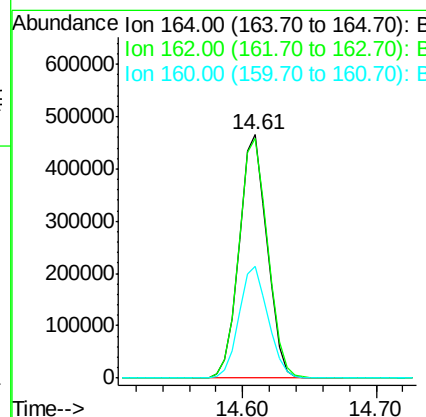
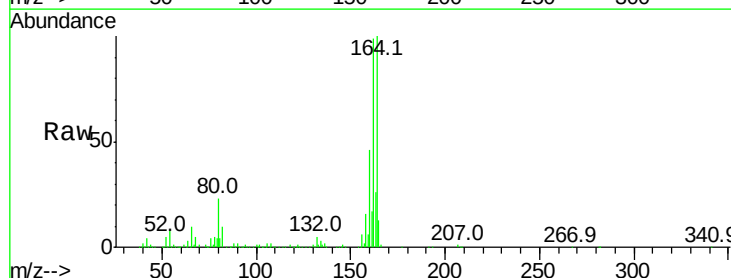
Instrument :
 BNA_M
 ClientSampleId :
 FB-01

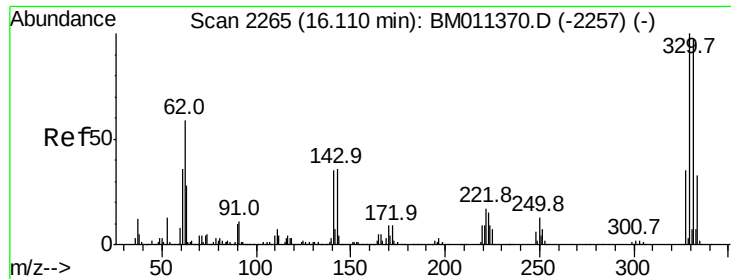
Tot Ion: 82 Resp: 2019689
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.8 49.2
 54 67.2 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011466.D
 Acq: 07 Sep 2017 22:06

Tgt Ion: 164 Resp: 673756
 Ion Ratio Lower Upper
 164 100
 162 98.7 82.4 123.6
 160 46.1 35.8 53.6

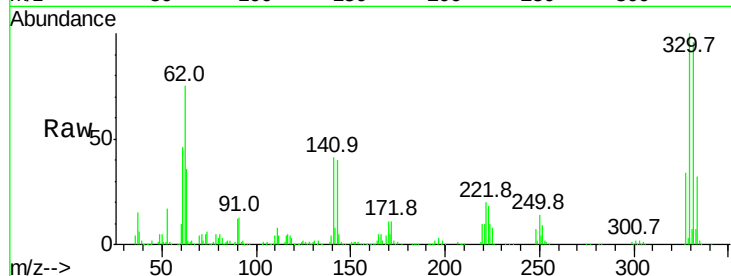




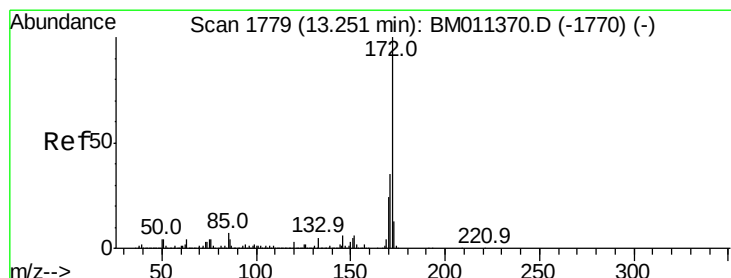
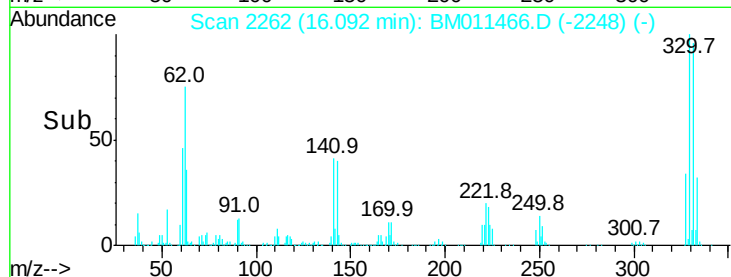
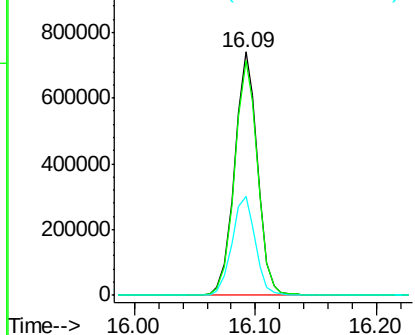
#41
 2,4,6-Tribromophenol
 Concen: 125.611 ng
 RT: 16.09 min Scan# 2262
 Delta R.T. -0.02 min
 Lab File: BM011466.D
 Acq: 07 Sep 2017 22:06

Instrument :
 BNA_M
 ClientSampled :
 FB-01

Tot Ion:330 Resp: 979148
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 41.6 0.0 0.0#

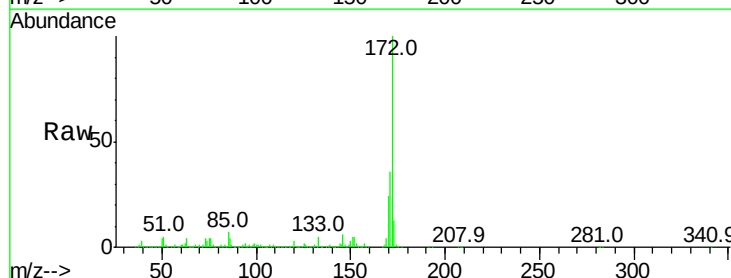


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

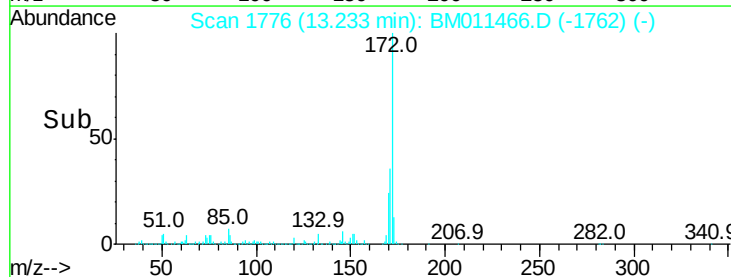
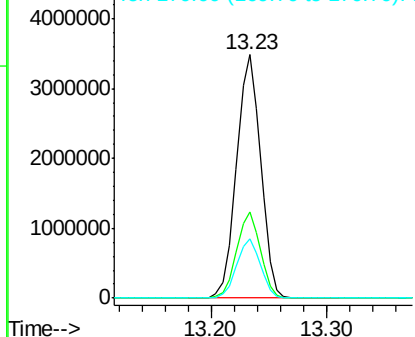


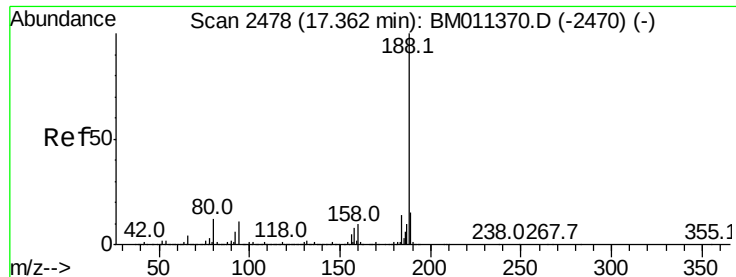
#44
 2-Fluorobiphenyl
 Concen: 107.765 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011466.D
 Acq: 07 Sep 2017 22:06

Tgt Ion:172 Resp: 5036984
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.3 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: 17.34 min Scan# 2475

Delta R.T. -0.02 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

Instrument :

BNA_M

ClientSampleId :

FB-01

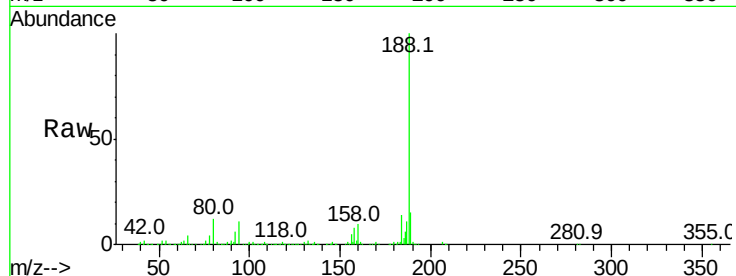
Tot Ion:188 Resp: 1537266

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.7	13.1
80	12.4	9.3	13.9

188 100

94 11.0 8.7 13.1

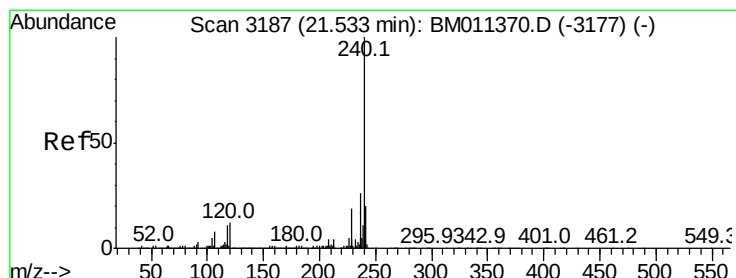
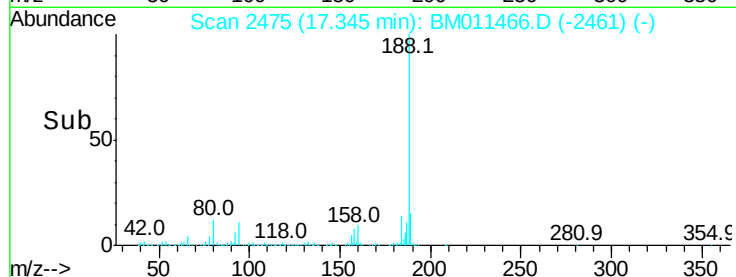
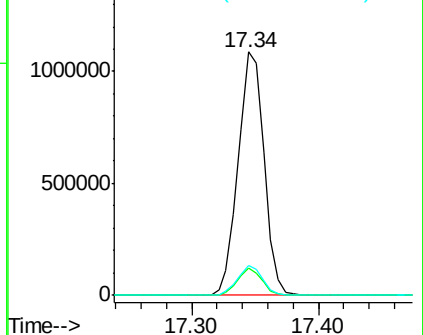
80 12.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

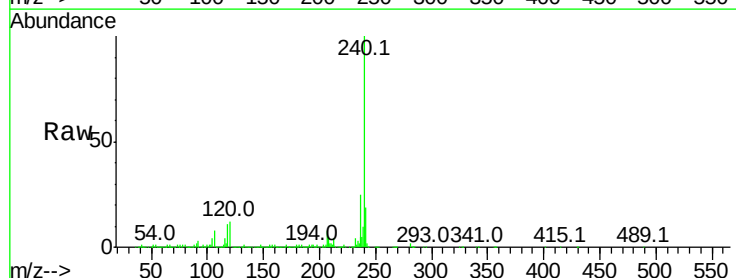
Tgt Ion:240 Resp: 1796968

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.2	12.2
236	24.6	20.0	30.0

240 100

120 12.0 8.2 12.2

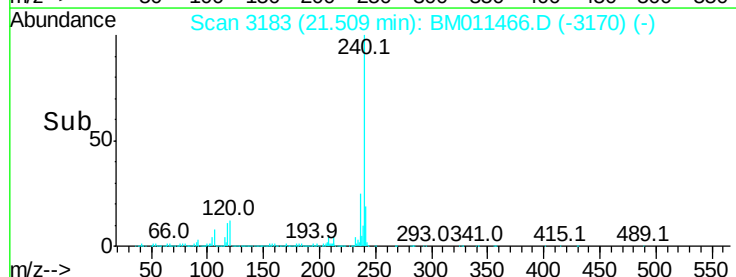
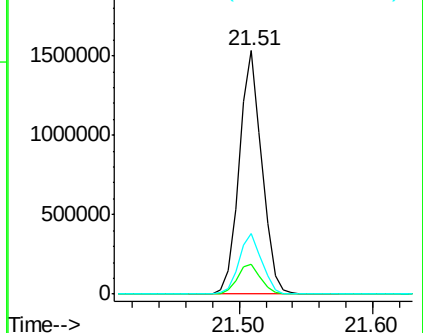
236 24.6 20.0 30.0

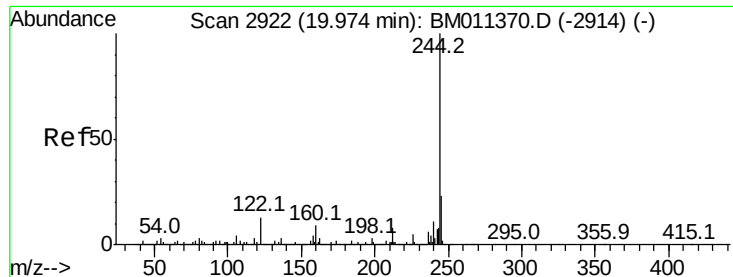


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.741 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

Instrument :

BNA_M

ClientSampleId :

FB-01

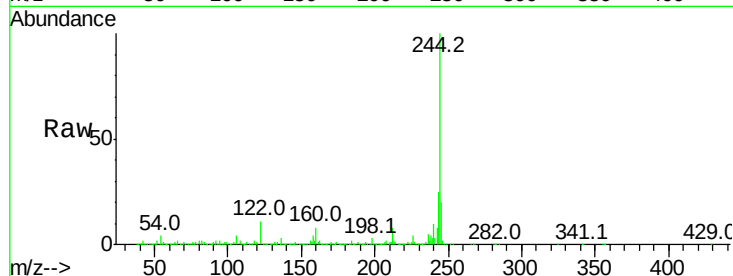
Tot Ion:244 Resp: 7368395

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

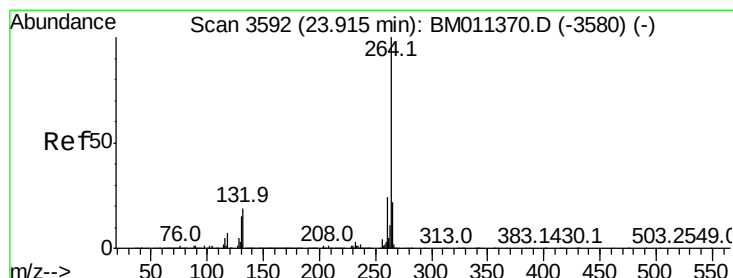
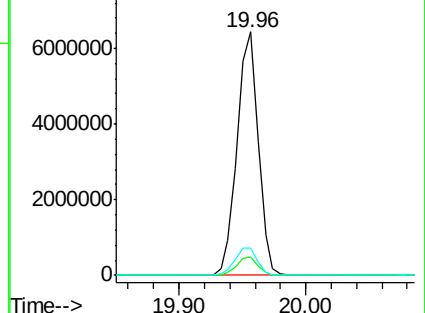
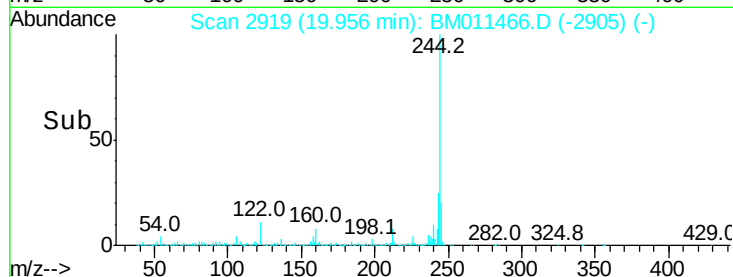
122 11.3 6.2 9.4#



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: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011466.D

Acq: 07 Sep 2017 22:06

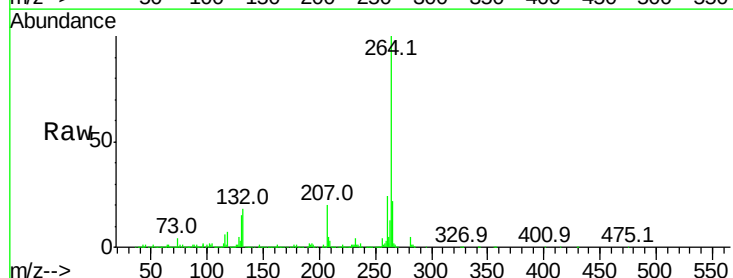
Tgt Ion:264 Resp: 1654914

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.2 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

