

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011059.D
 Acq On : 29 Jul 2017 01:32
 Operator : SJ/JU
 Sample : I4444-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-BRE

Quant Time: Jul 29 03:57:54 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	7.39	152	143023	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	529142	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	158466	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	594107	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	179235	20.00	ng	0.00
86) Perylene-d12	23.13	264	8231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1246136	147.29	ng	0.00
7) Phenol-d6	6.58	99	1003337	83.46	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1509592	107.07	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	761216	299.71	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2652374	209.91	ng	-0.01
78) Terphenyl-d14	19.46	244	2619506	289.50	ng	0.00

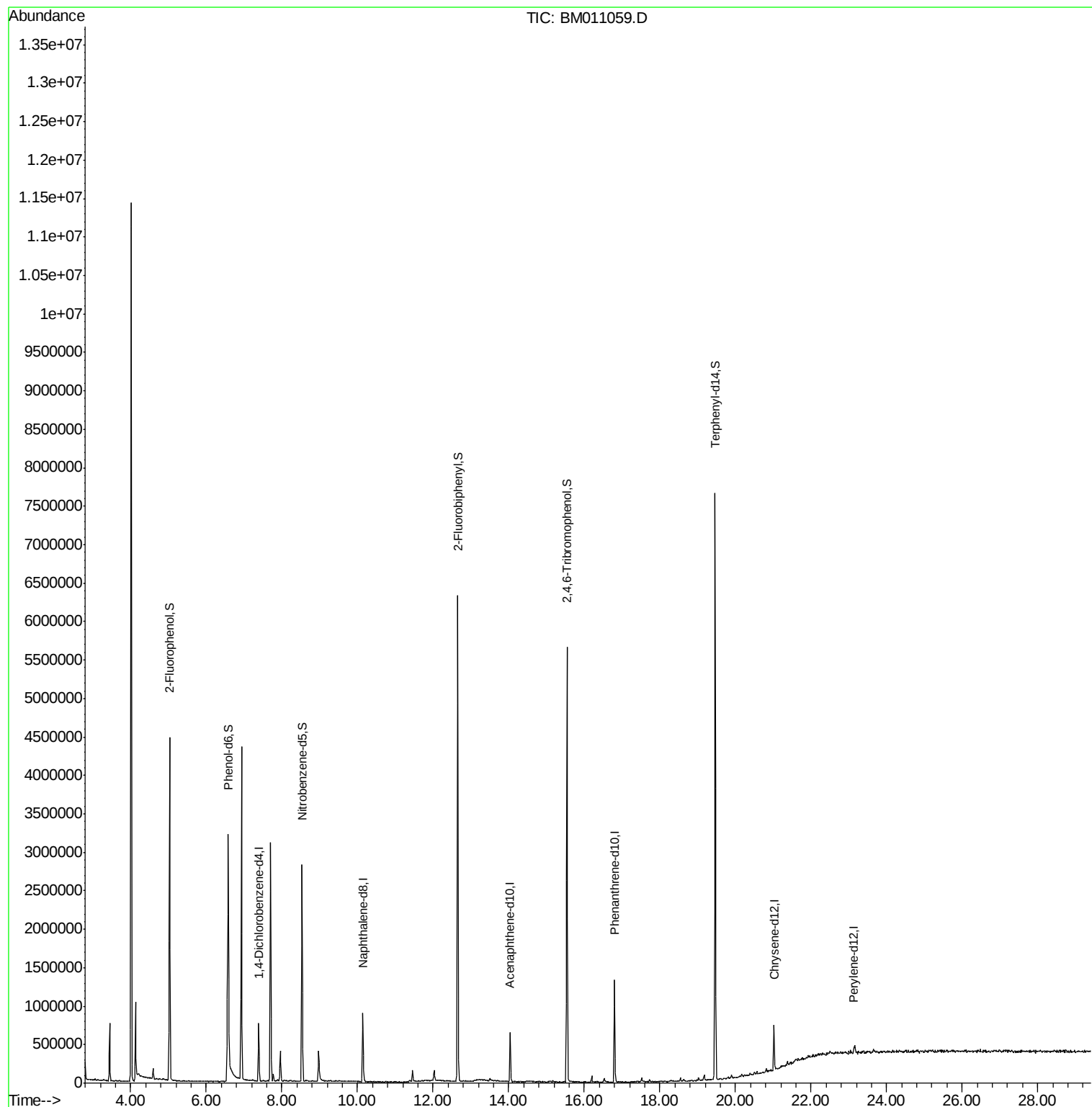
Target Compounds Qvalue

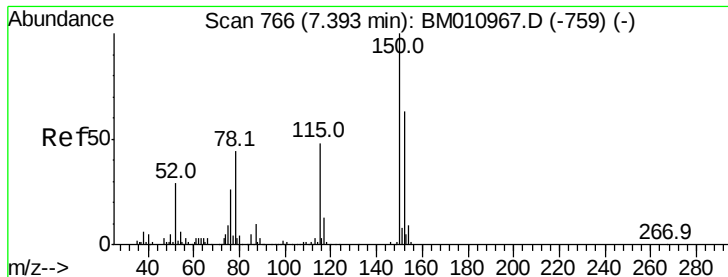
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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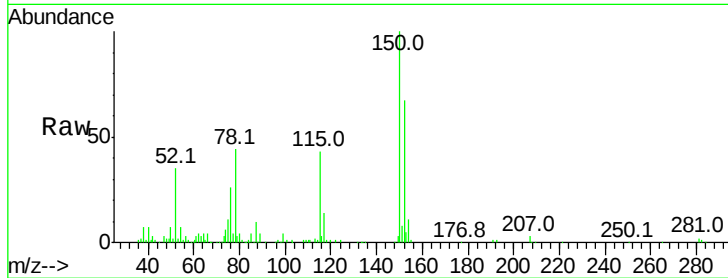


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tot Ion	152	Resp	143023
Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	63.1	43.0	64.4

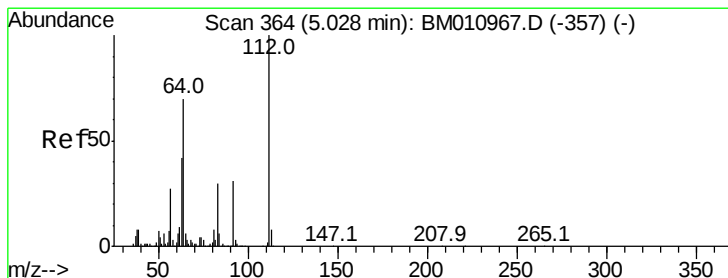
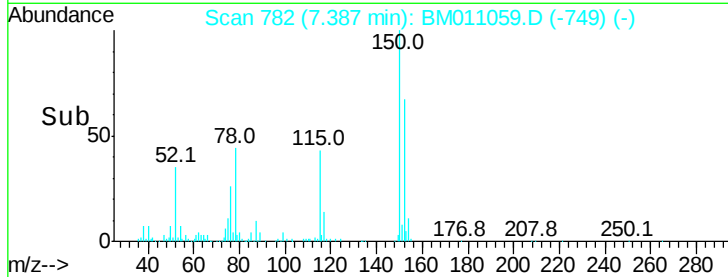
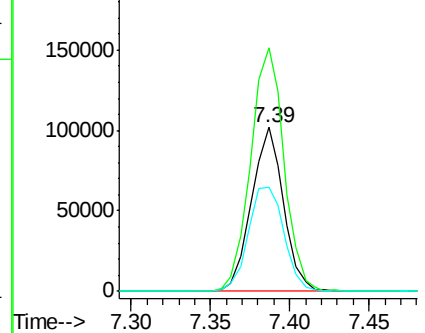


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

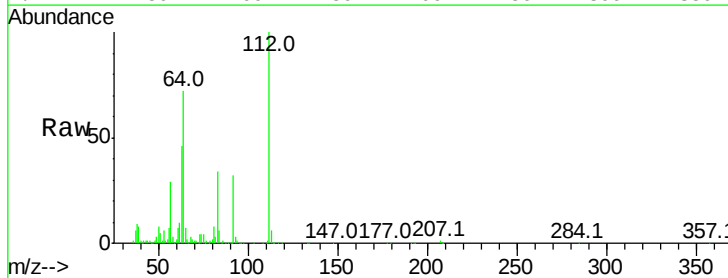
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.285 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion	112	Resp	1246136
Ion	Ratio	Lower	Upper
112	100		
64	72.4	38.6	57.8#
63	46.3	19.3	28.9#

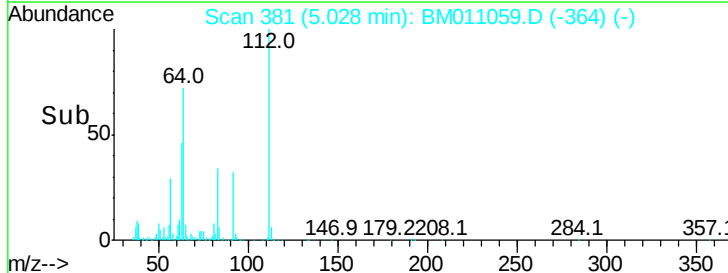
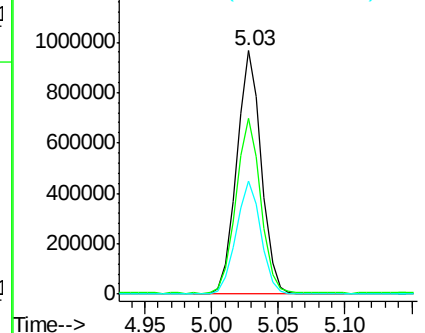


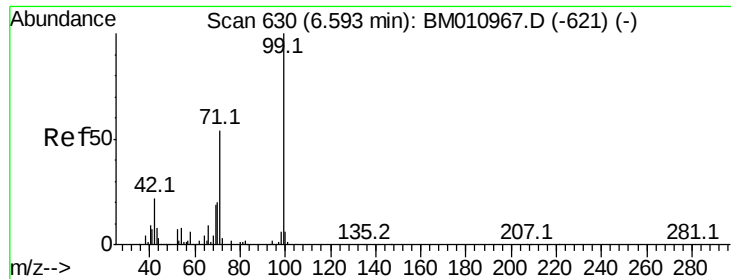
Abundance

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: 83.465 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

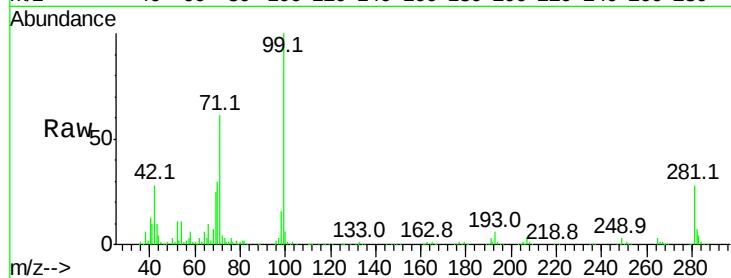
Tot Ion: 99 Resp: 1003337

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

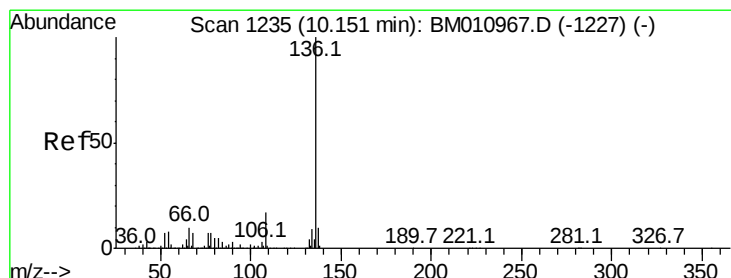
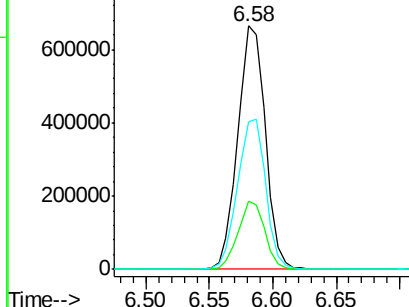
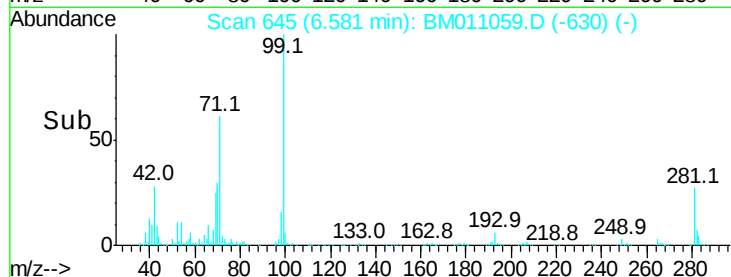
71 60.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011059.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011059.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011059.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Tgt Ion: 136 Resp: 529142

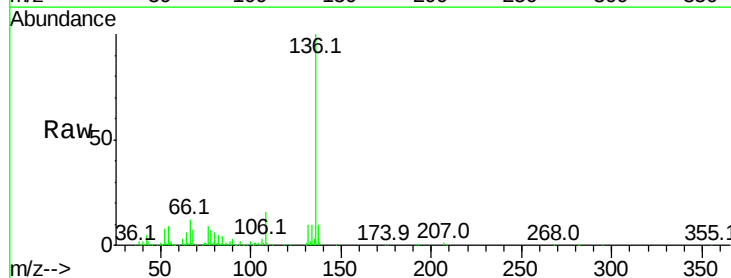
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.5 4.6 6.8#

68 6.9 3.7 5.5#

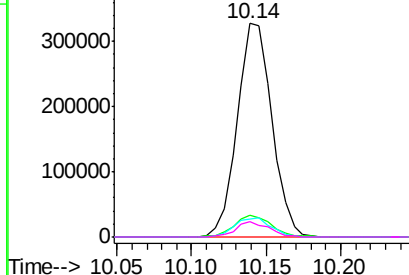
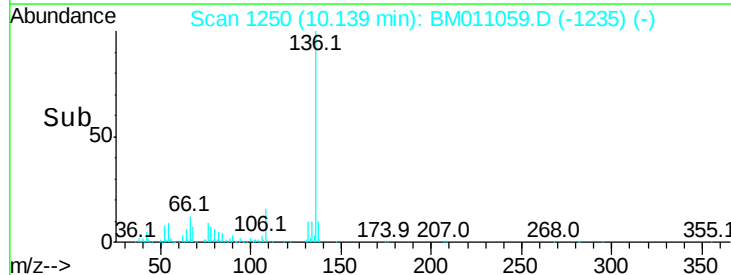


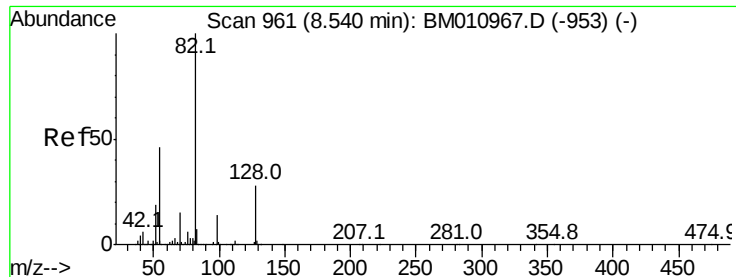
Abundance Ion 136.00 (135.70 to 136.70): BM011059.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011059.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011059.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011059.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 107.074 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

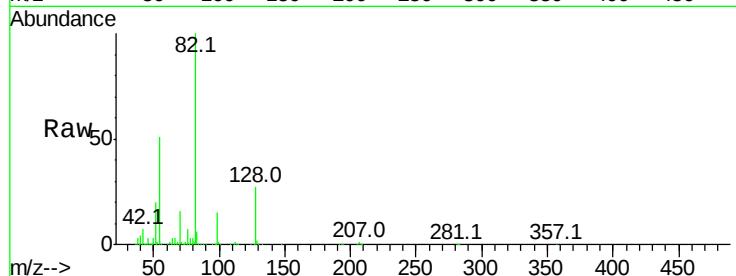
Tot Ion: 82 Resp: 1509592

Ion Ratio Lower Upper

82 100

128 27.2 32.8 49.2#

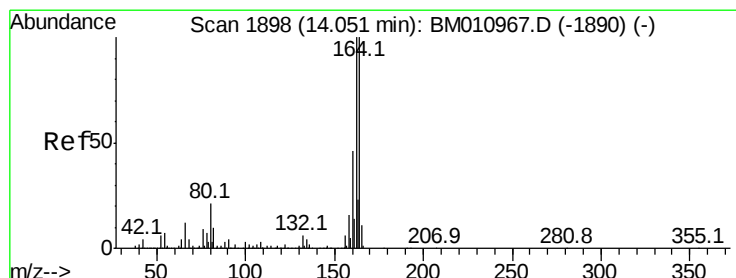
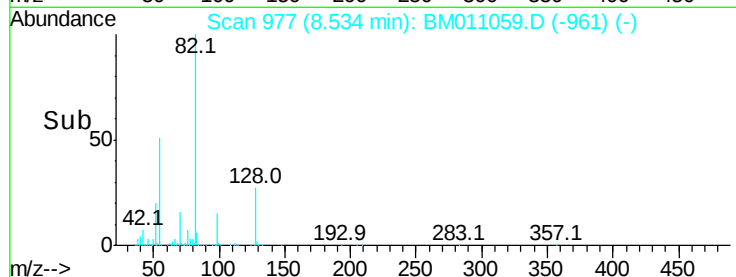
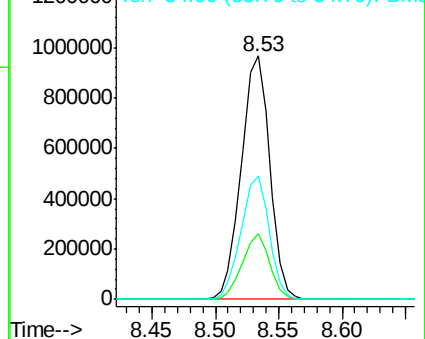
54 50.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011059.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011059.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011059.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

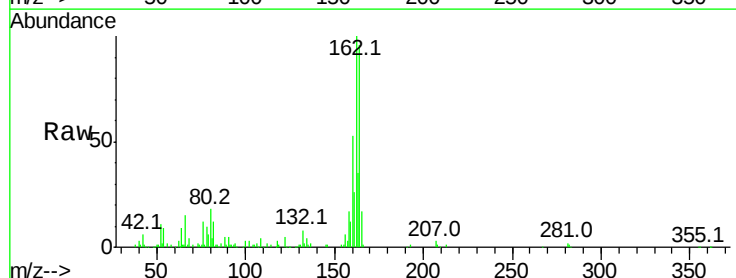
Tgt Ion:164 Resp: 158466

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

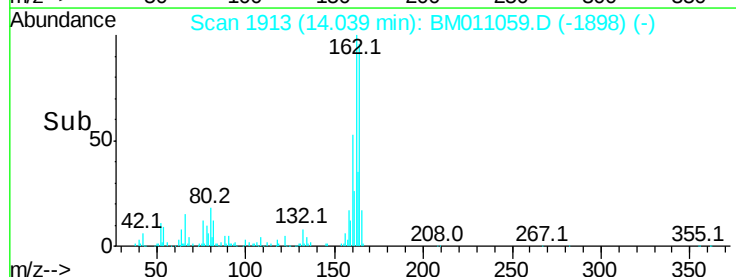
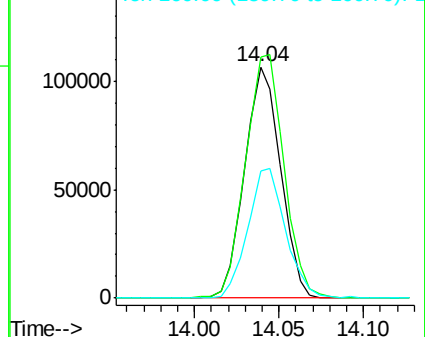
160 55.1 35.8 53.6#

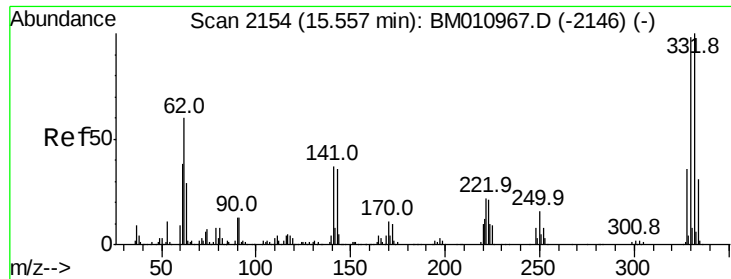


Abundance Ion 164.00 (163.70 to 164.70): BM011059.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011059.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011059.D (-1898) (-)

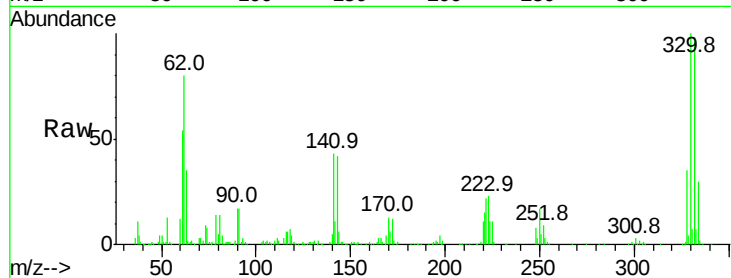




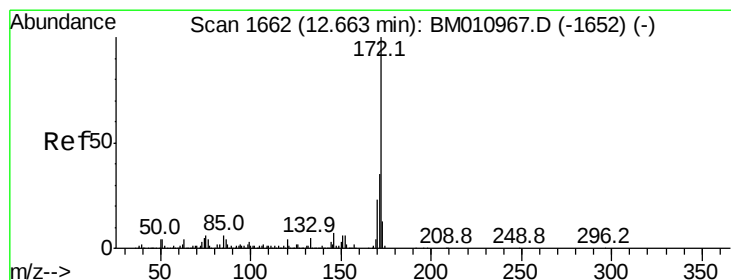
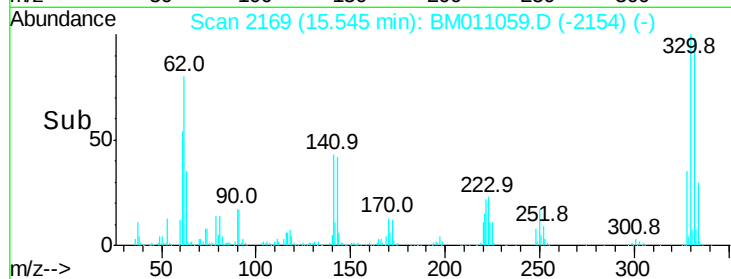
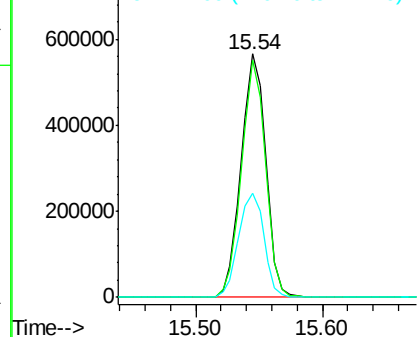
#41
 2,4,6-Tribromophenol
 Concen: 299.706 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011059.D
 Acq: 29 Jul 2017 01:32

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-BRE

Tot Ion:330 Resp: 761216
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 44.1 0.0 0.0#

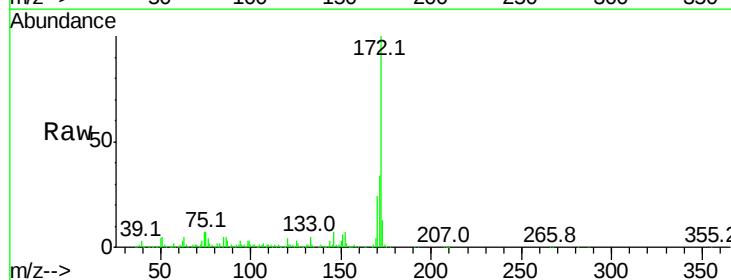


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

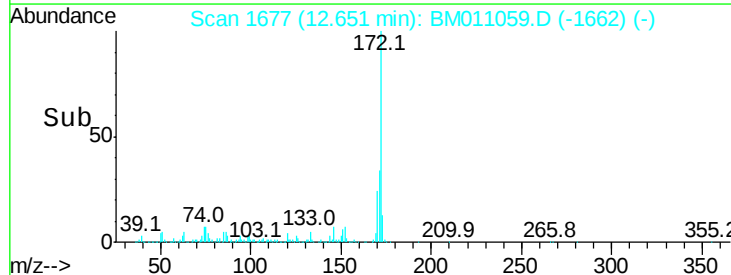
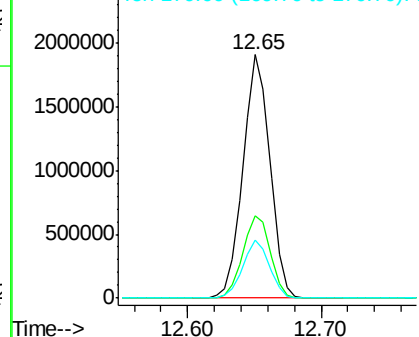


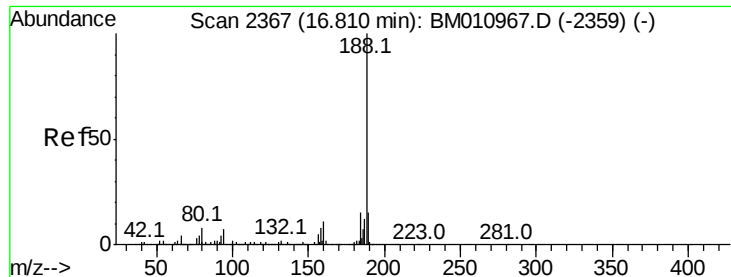
#44
 2-Fluorobiphenyl
 Concen: 209.915 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011059.D
 Acq: 29 Jul 2017 01:32

Tgt Ion:172 Resp: 2652374
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 23.7 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

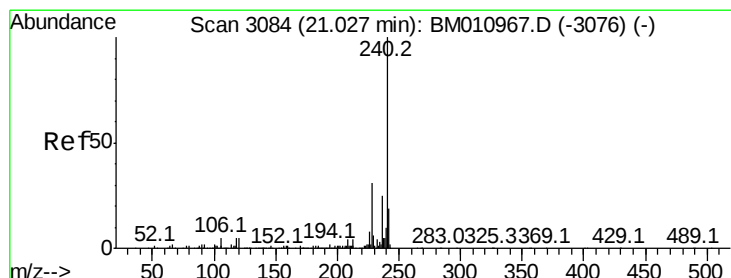
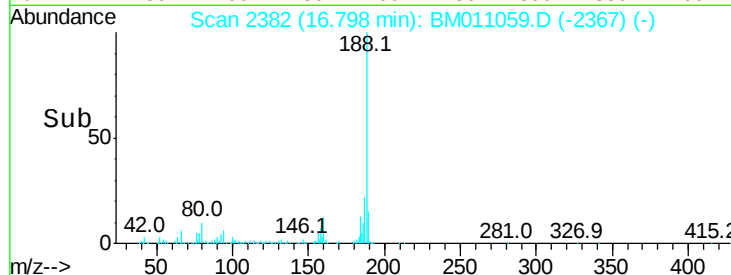
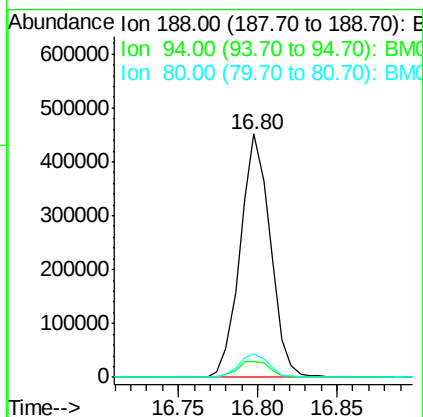
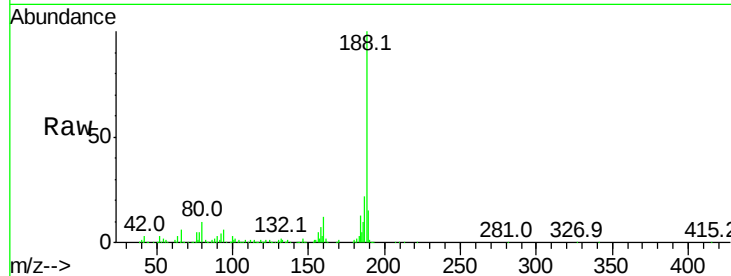




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

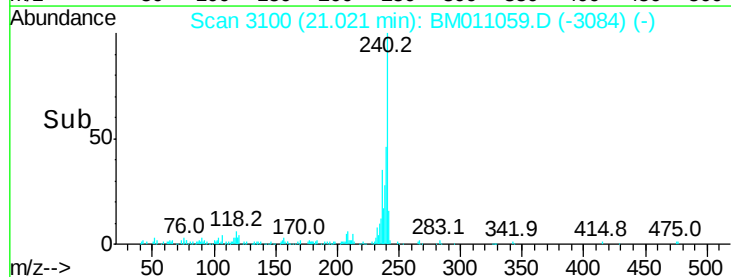
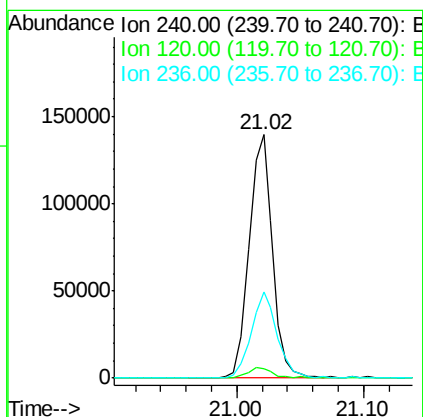
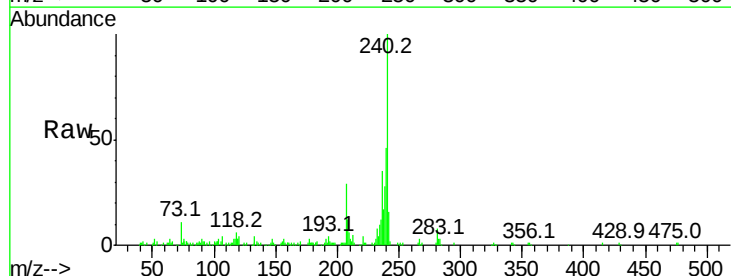
Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

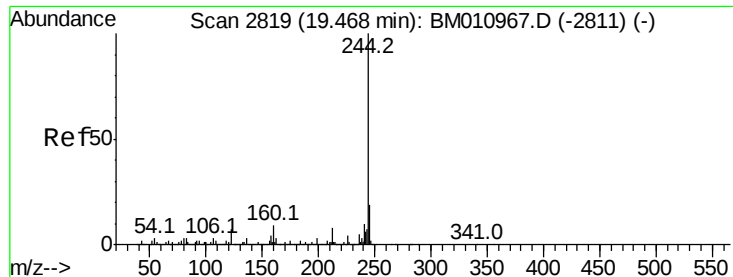
Tot Ion:188 Resp: 594107
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:240 Resp: 179235
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 35.2 20.0 30.0#





#78

Terphenyl-d14

Concen: 289.503 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

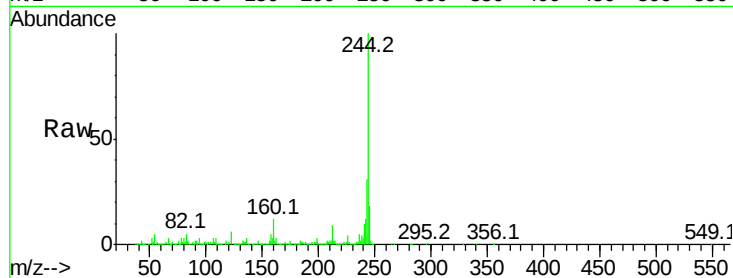
Tot Ion:244 Resp: 2619506

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

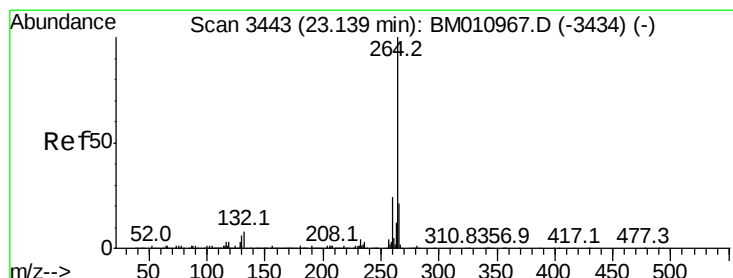
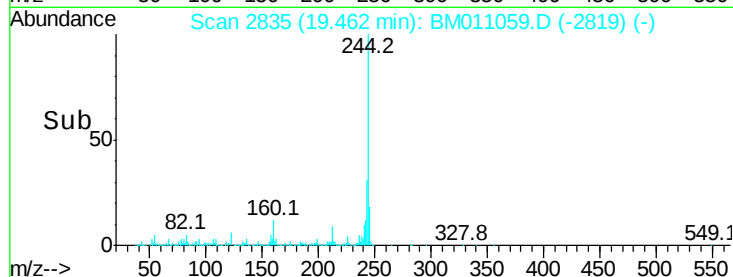
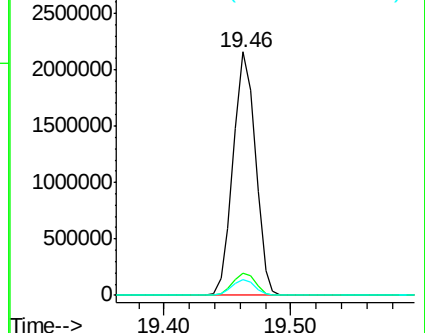
122 6.2 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

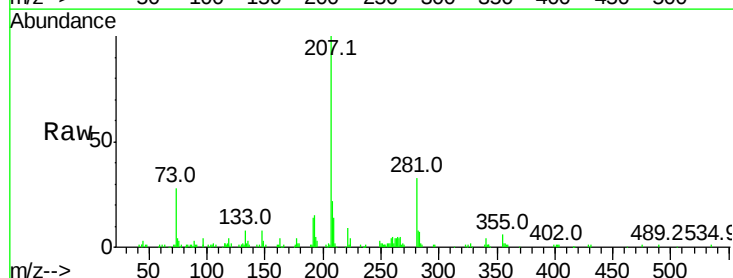
Tgt Ion:264 Resp: 8231

Ion Ratio Lower Upper

264 100

260 105.1 18.6 27.8#

265 83.7 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

