

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011058.D
 Acq On : 29 Jul 2017 00:56
 Operator : SJ/JU
 Sample : I4444-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 29 01:50:03 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	157987	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	591656	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	340590	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1002004	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	895994	20.00	ng	0.00
86) Perylene-d12	23.13	264	194258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1433809	153.42	ng	0.00
7) Phenol-d6	6.59	99	1859868	140.06	ng	0.00
23) Nitrobenzene-d5	8.53	82	1662783	105.48	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	985440	180.52	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3035355	111.77	ng	-0.01
78) Terphenyl-d14	19.46	244	5152045	113.90	ng	0.00

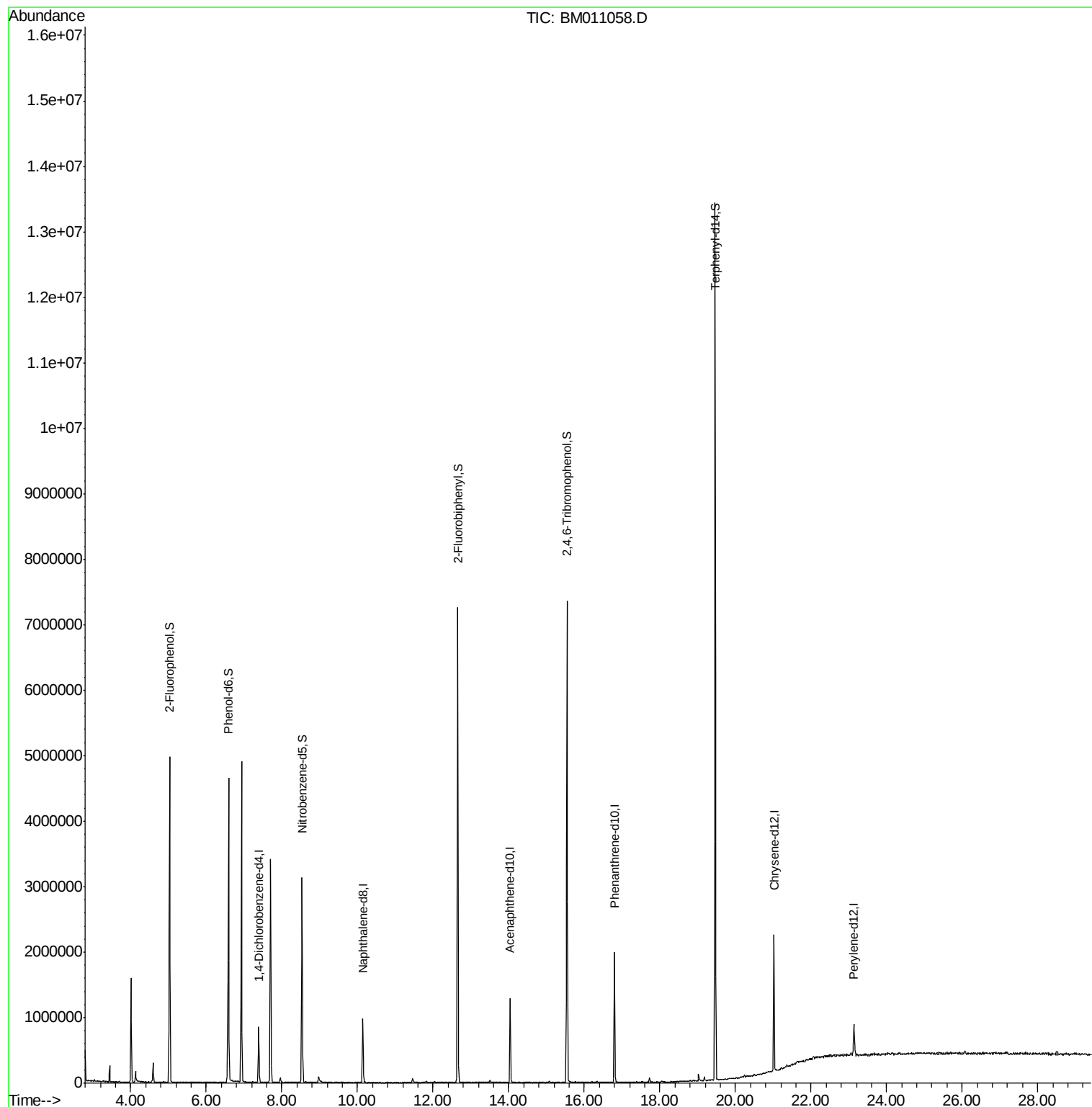
Target Compounds Qvalue

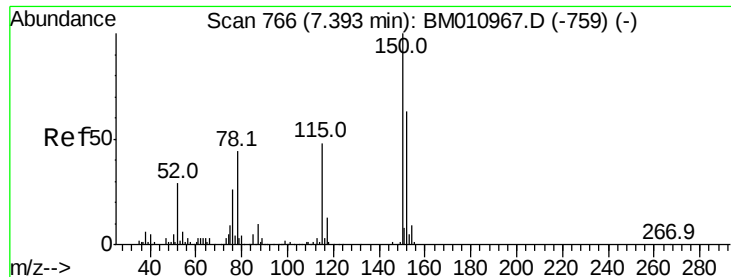
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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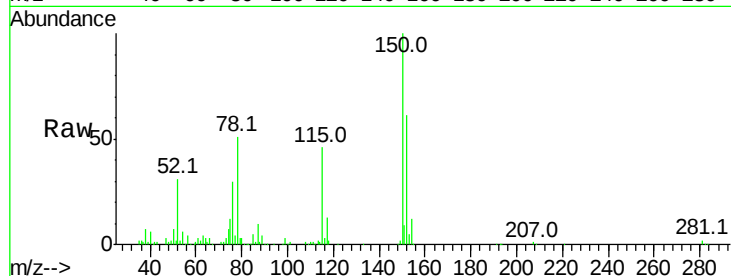


#1

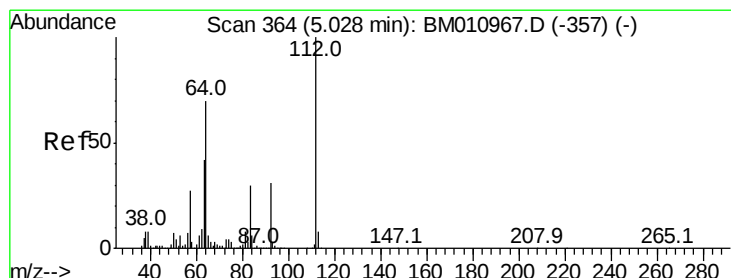
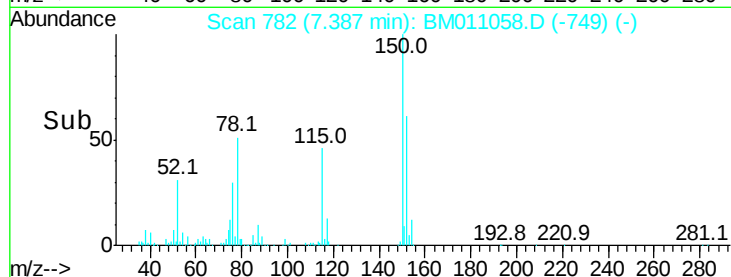
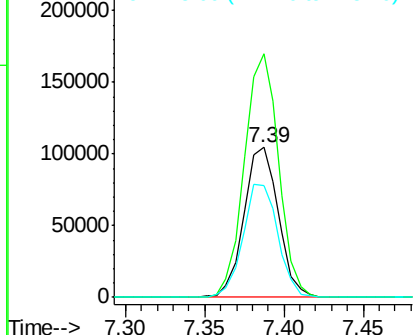
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011058.D
Acq: 29 Jul 2017 00:56

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

Tot Ion:152 Resp: 157987
Ion Ratio Lower Upper
152 100
150 162.6 119.5 179.3
115 74.9 43.0 64.4#



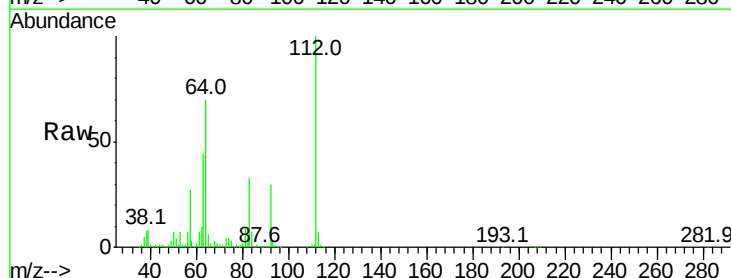
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



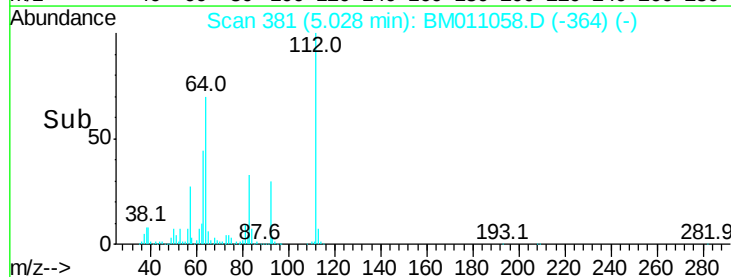
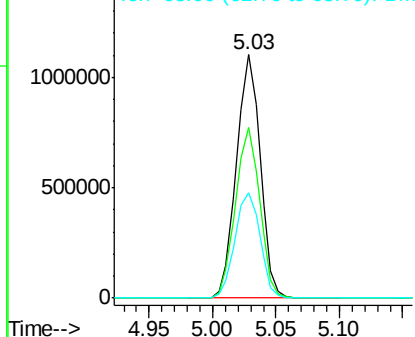
#5

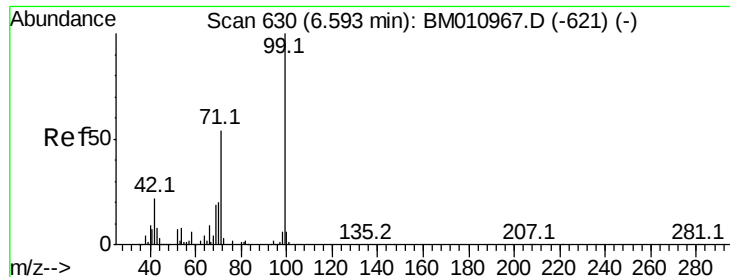
2-Fluorophenol
Concen: 153.416 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011058.D
Acq: 29 Jul 2017 00:56

Tgt Ion:112 Resp: 1433809
Ion Ratio Lower Upper
112 100
64 70.2 38.6 57.8#
63 43.5 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: 140.063 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-A

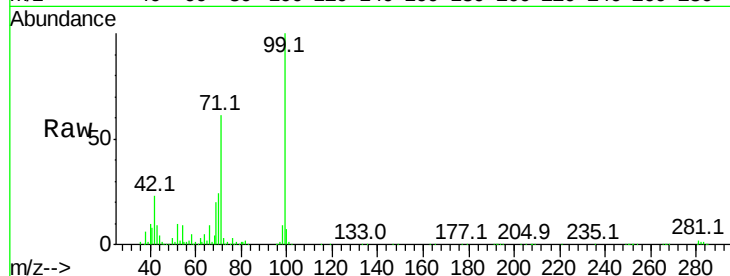
Tot Ion: 99 Resp: 1859868

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

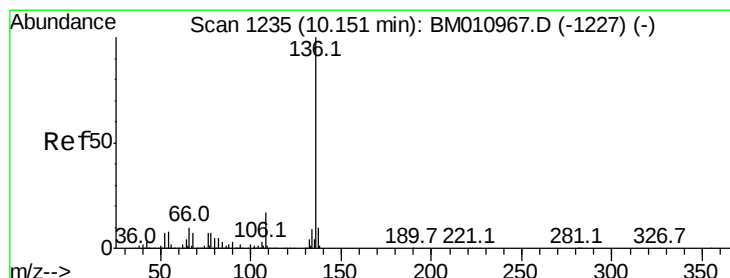
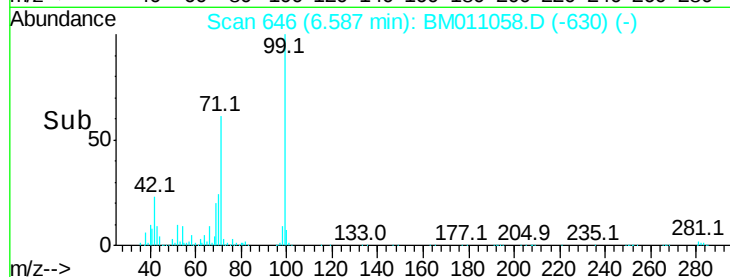
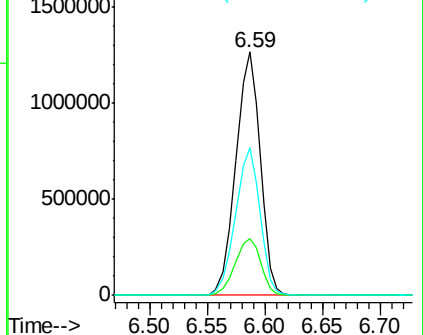
71 60.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011058.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011058.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011058.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

Tgt Ion:136 Resp: 591656

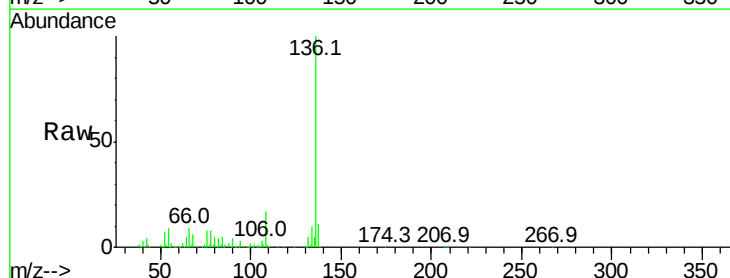
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.3 4.6 6.8#

68 6.4 3.7 5.5#

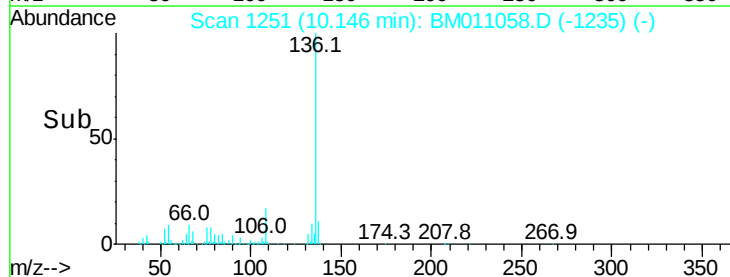
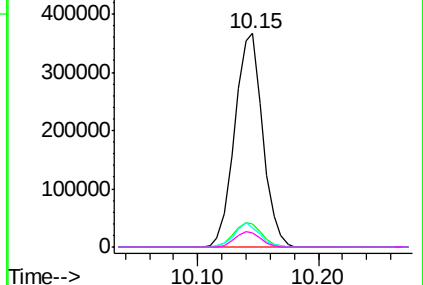


Abundance Ion 136.00 (135.70 to 136.70): BM011058.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011058.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011058.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011058.D (-1235) (-)



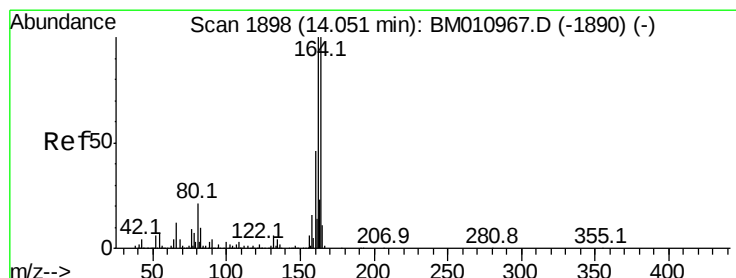
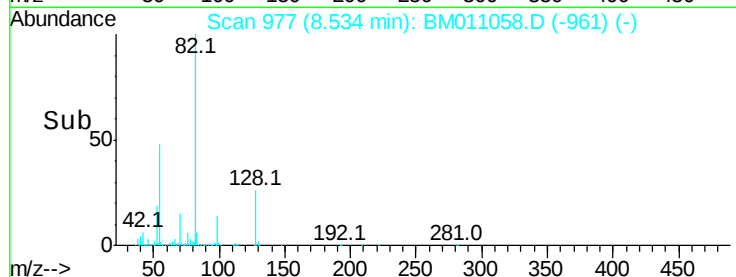
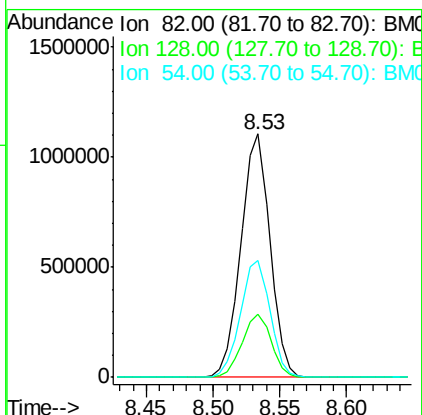
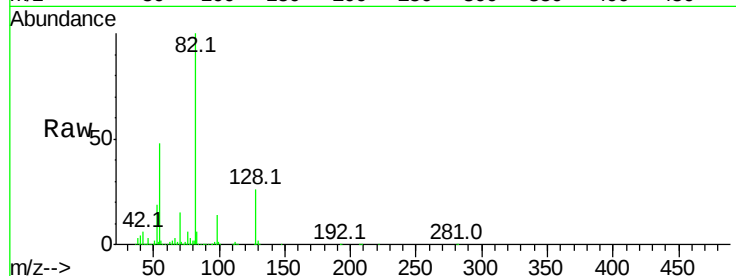


#23
 Nitrobenzene-d5
 Concen: 105.478 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011058.D
 Acq: 29 Jul 2017 00:56

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

Tot Ion: 82 Resp: 1662783

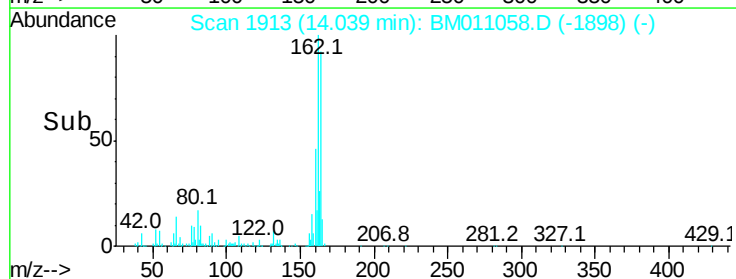
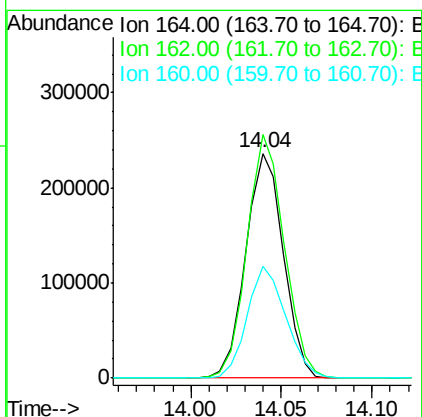
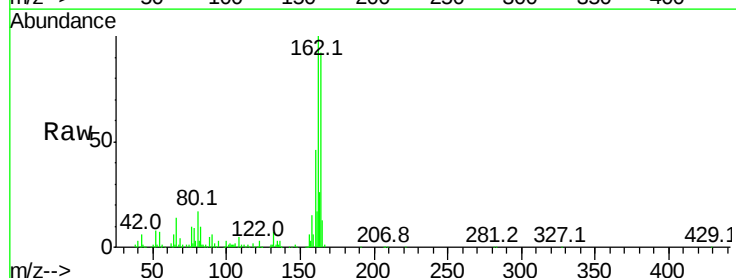
Ion	Ratio	Lower	Upper
82	100		
128	26.2	32.8	49.2#
54	48.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011058.D
 Acq: 29 Jul 2017 00:56

Tgt Ion: 164 Resp: 340590

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.4	123.6
160	49.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 180.518 ng

RT: 15.55 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-A

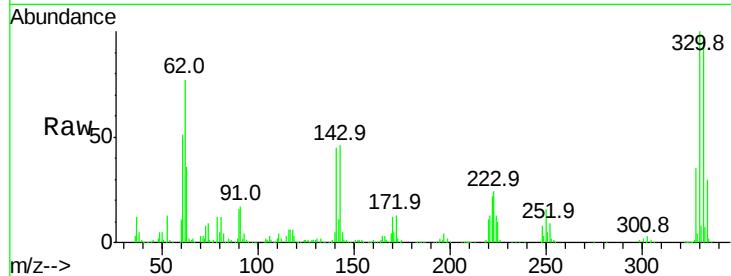
Tot Ion:330 Resp: 985440

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

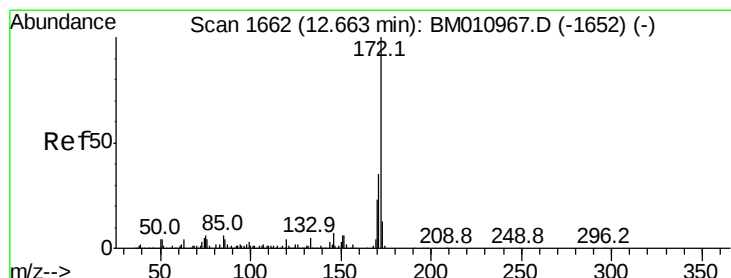
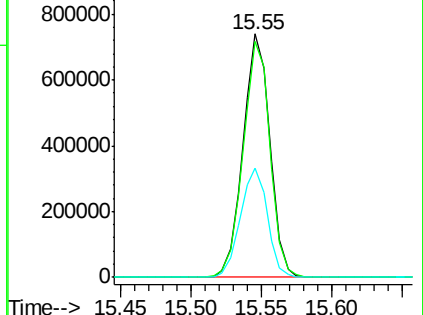
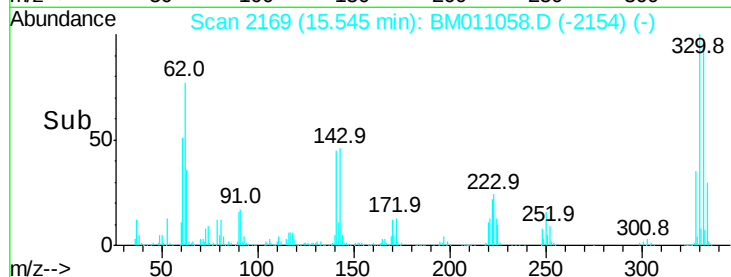
141 45.0 0.0 0.0#



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: 111.769 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

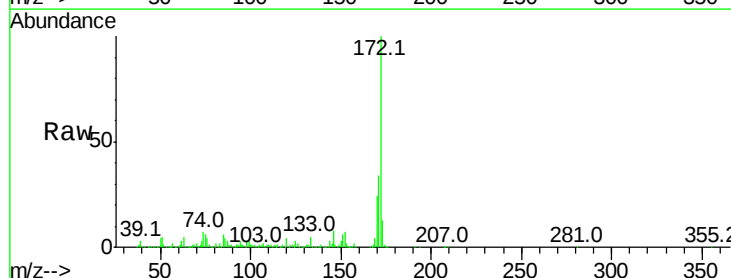
Tgt Ion:172 Resp: 3035355

Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

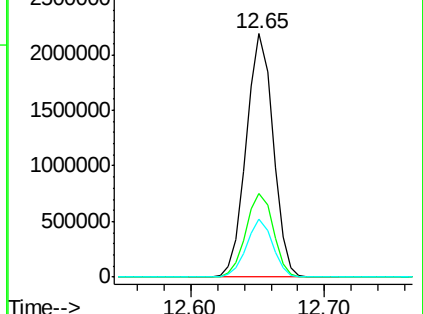
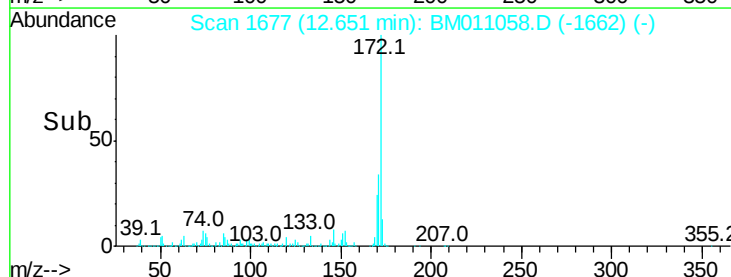
170 24.0 18.8 28.2



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

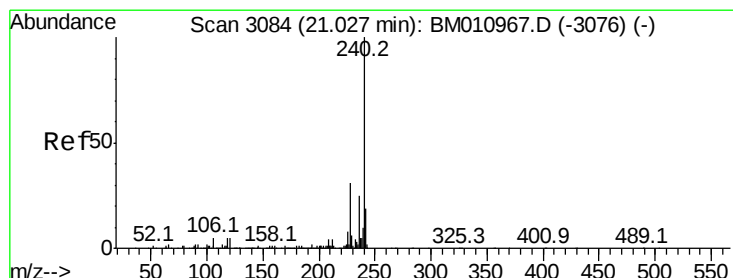
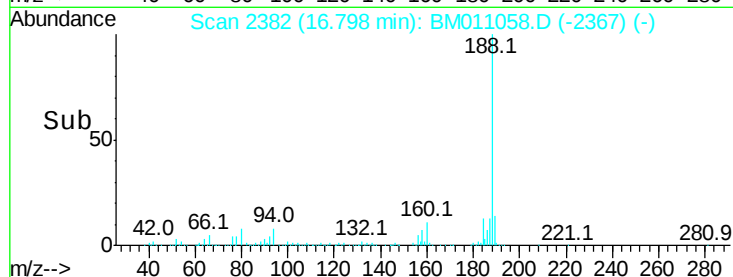
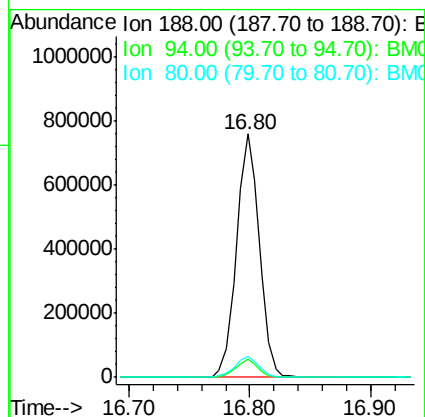
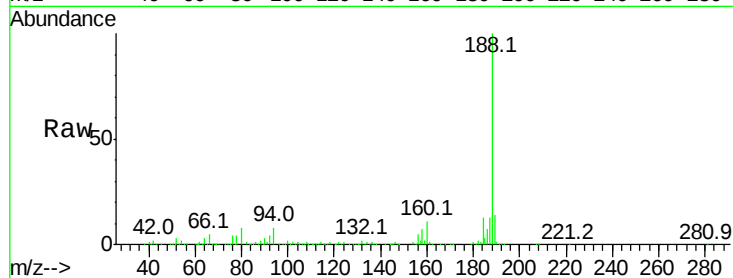




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011058.D
Acq: 29 Jul 2017 00:56

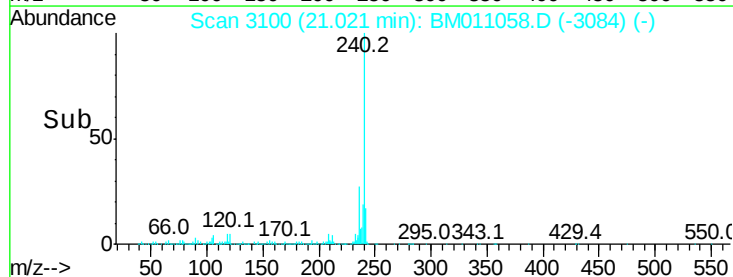
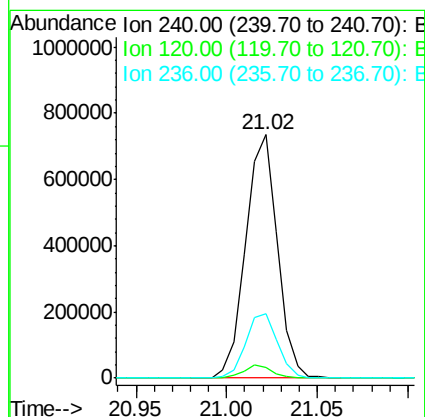
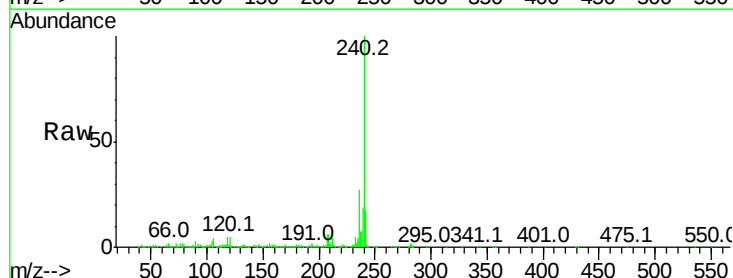
Instrument :
BNA_M
ClientSampleId :
EO-02-072517-A

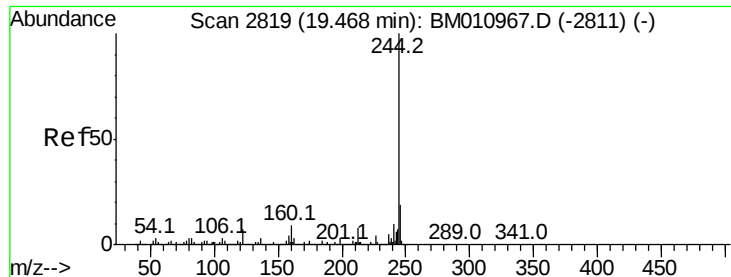
Tot Ion:188 Resp: 1002004
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011058.D
Acq: 29 Jul 2017 00:56

Tgt Ion:240 Resp: 895994
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 113.902 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

Instrument :

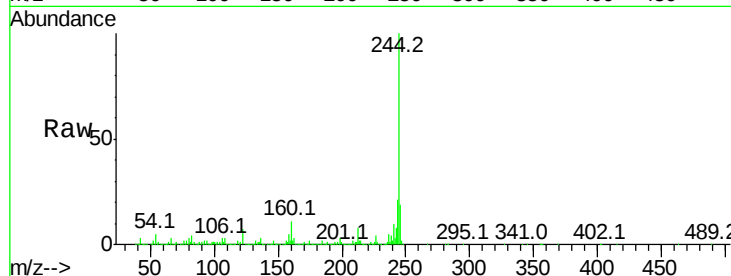
BNA_M

ClientSampleId :

EO-02-072517-A

Tot Ion:244 Resp: 5152045

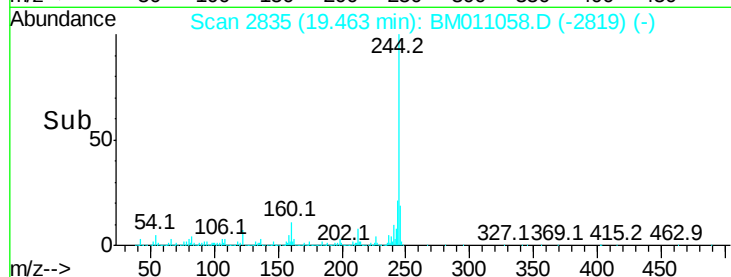
Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	7.0	6.2	9.4



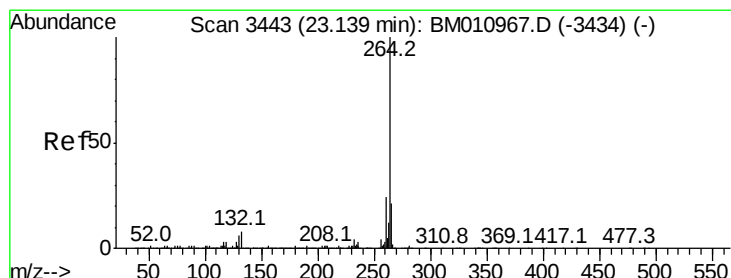
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3458

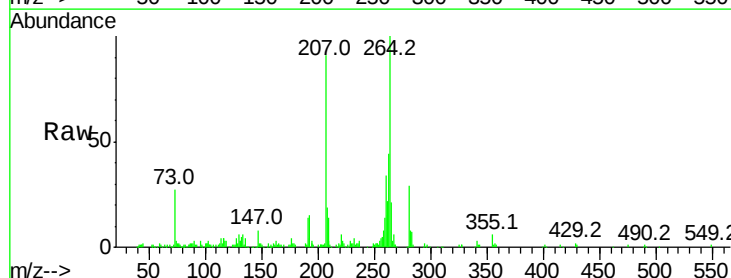
Delta R.T. -0.01 min

Lab File: BM011058.D

Acq: 29 Jul 2017 00:56

Tgt Ion:264 Resp: 194258

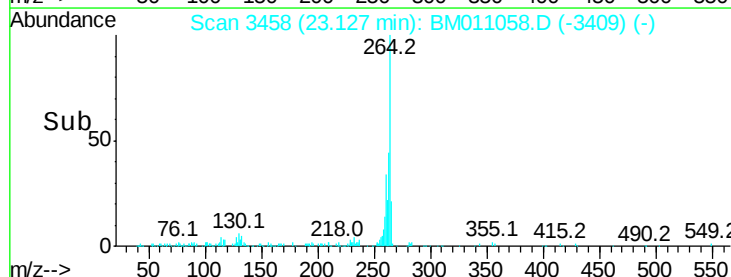
Ion	Ratio	Lower	Upper
264	100		
260	33.7	18.6	27.8#
265	21.2	17.3	25.9



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



Time-->