

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011139.D
 Acq On : 05 Aug 2017 13:17
 Operator : SJ/JU
 Sample : PB101225BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BL

Quant Time: Aug 06 01:37:24 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	7.32	152	207491	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	681121	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	118330	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	497148	20.00	ng	-0.07
75) Chrysene-d12	20.95	240	811	20.00	ng	-0.08
86) Perylene-d12	23.05	264	140	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1655610	134.88	ng	-0.07
7) Phenol-d6	6.52	99	968126	55.51	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1990512	109.68	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	984539	519.11	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3390727	359.37	ng	-0.07
78) Terphenyl-d14	19.41	244	16335	398.98	ng	-0.06

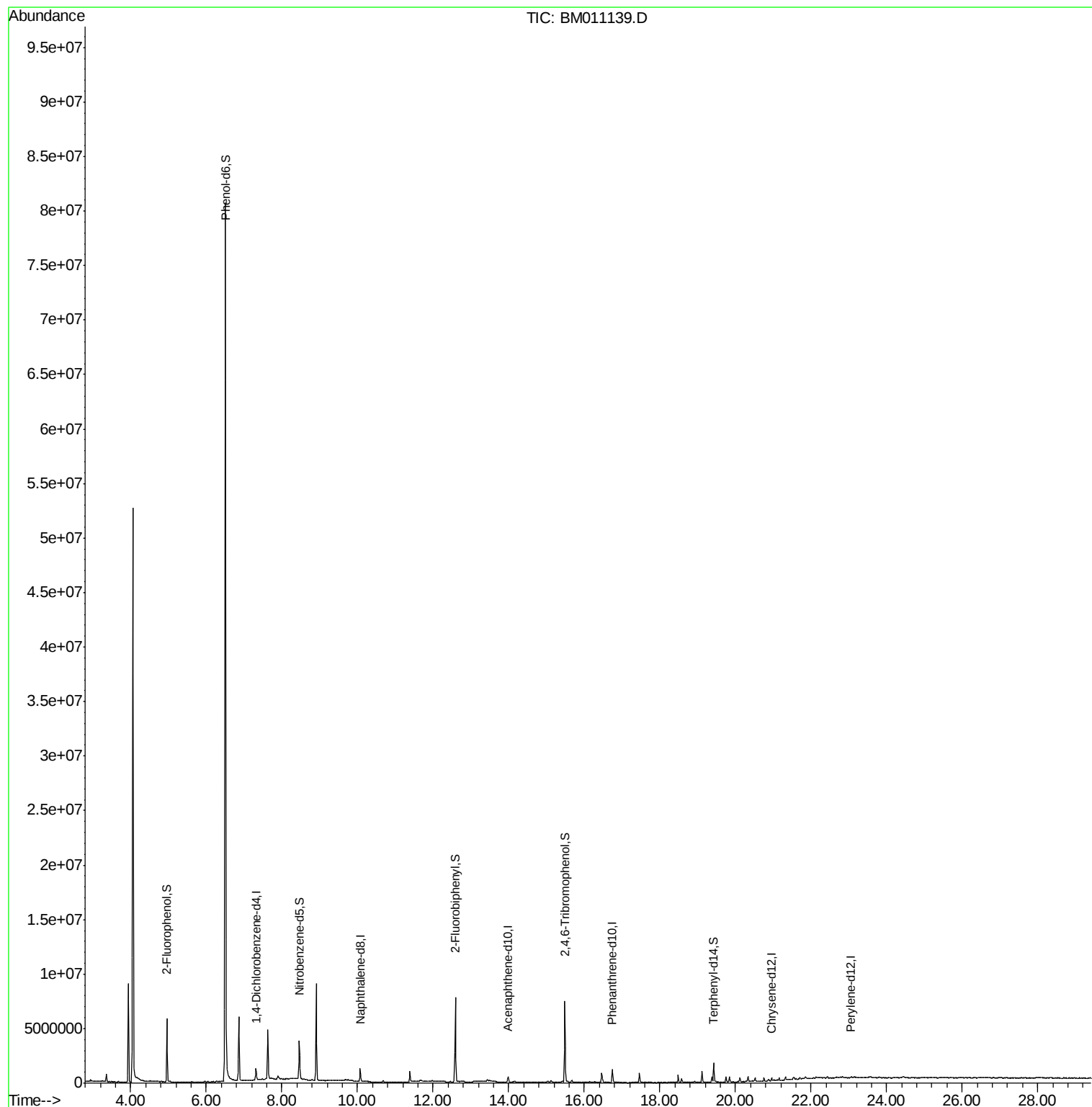
Target Compounds Qvalue

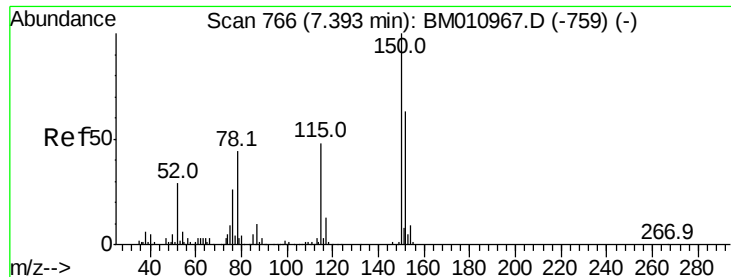
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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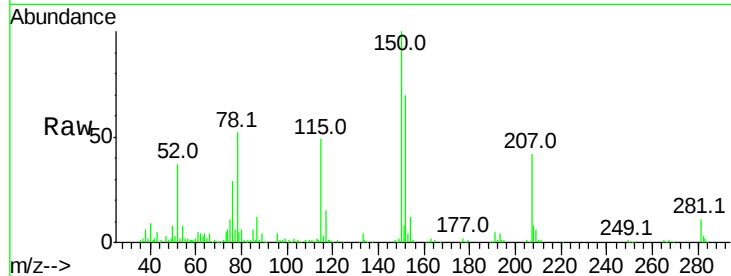


#1

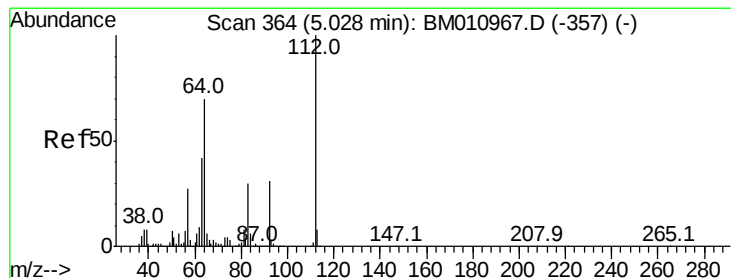
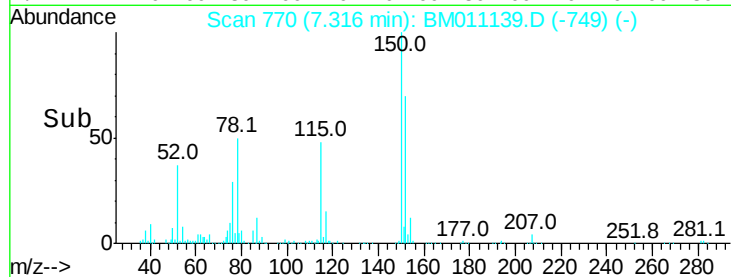
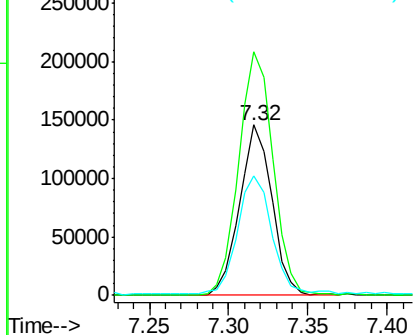
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tot Ion:152 Resp: 207491
Ion Ratio Lower Upper
152 100
150 142.9 119.5 179.3
115 70.3 43.0 64.4#



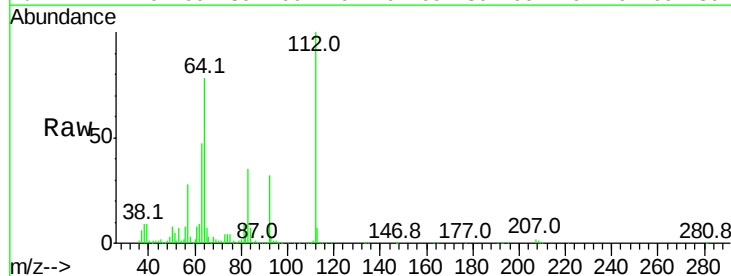
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



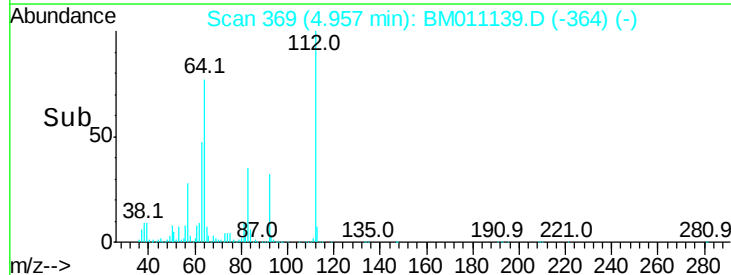
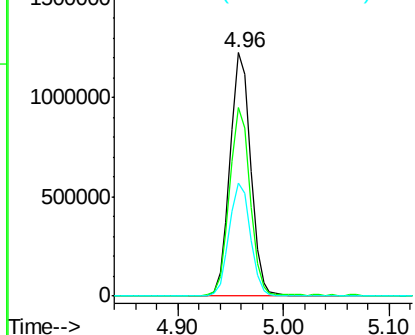
#5

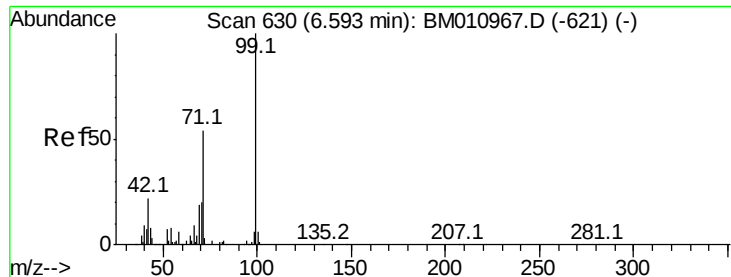
2-Fluorophenol
Concen: 134.883 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:112 Resp: 1655610
Ion Ratio Lower Upper
112 100
64 77.5 38.6 57.8#
63 46.7 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: 55.513 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011139.D

Acq: 05 Aug 2017 13:17

Instrument :

BNA_M

ClientSampleId :

PB101225BL

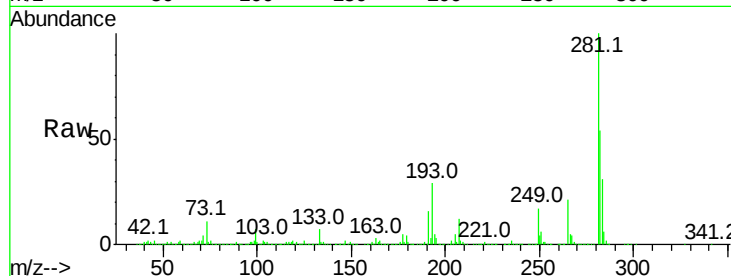
Tot Ion: 99 Resp: 968126

Ion Ratio Lower Upper

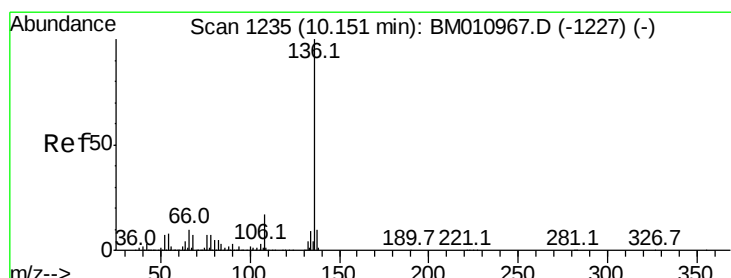
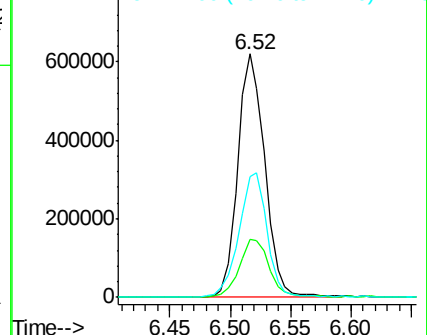
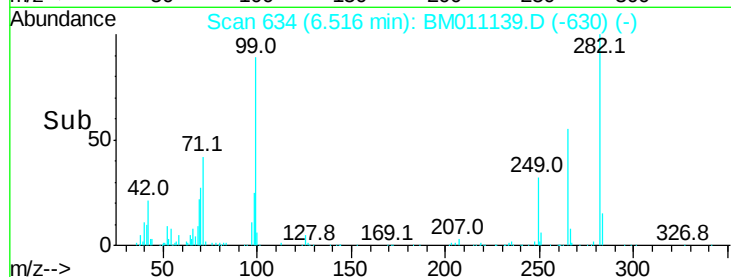
99 100

42 23.9 11.0 16.4#

71 49.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011139.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011139.D

Acq: 05 Aug 2017 13:17

Tgt Ion: 136 Resp: 681121

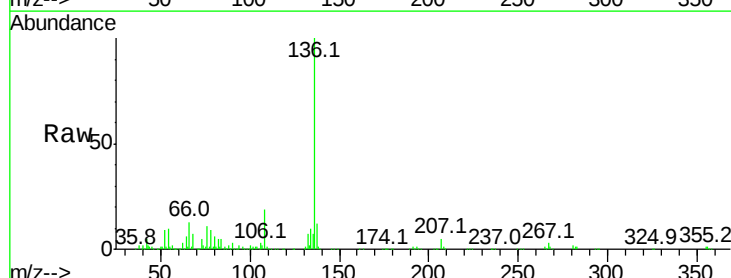
Ion Ratio Lower Upper

136 100

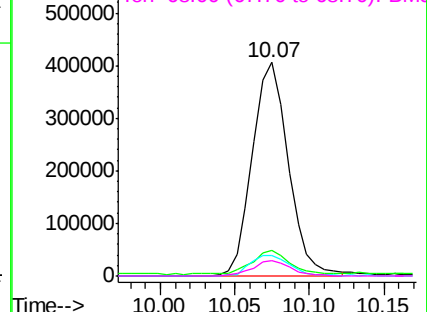
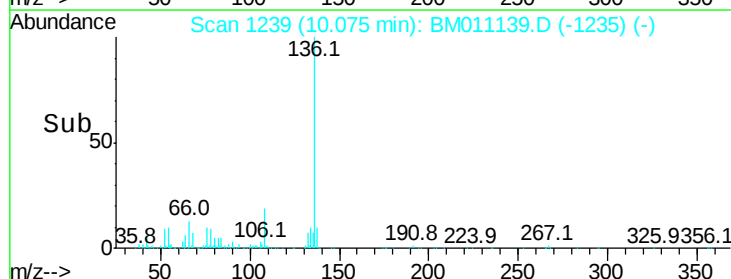
137 12.1 8.7 13.1

54 9.8 4.6 6.8#

68 7.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011139.D (-1235) (-)



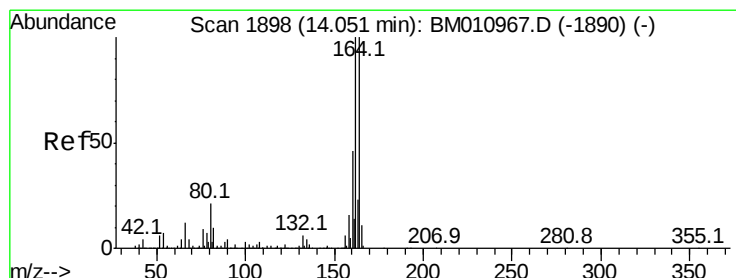
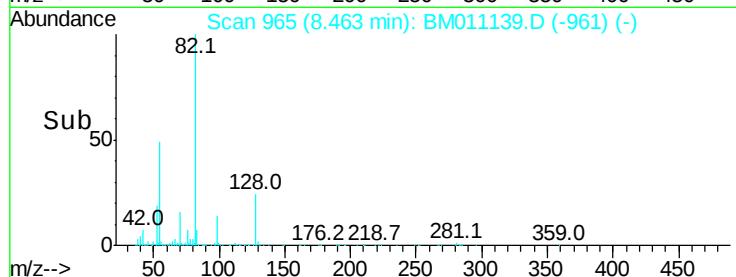
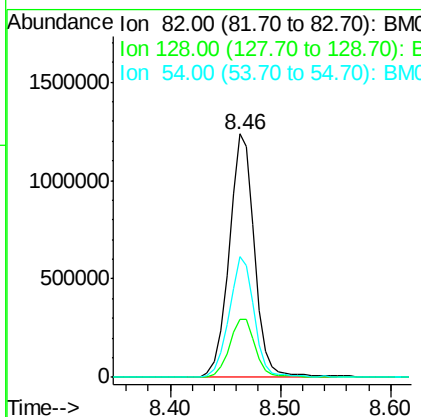
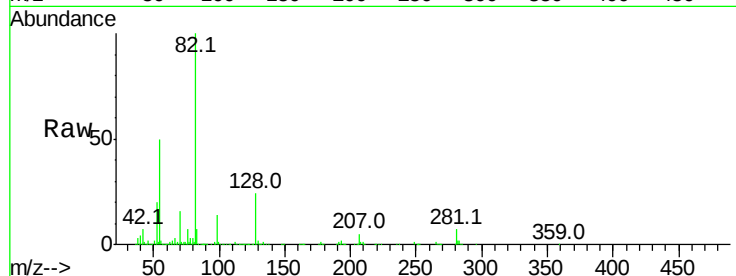


#23
 Nitrobenzene-d5
 Concen: 109.683 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011139.D
 Acq: 05 Aug 2017 13:17

Instrument :
 BNA_M
 ClientSampleId :
 PB101225BL

Tot Ion: 82 Resp: 1990512

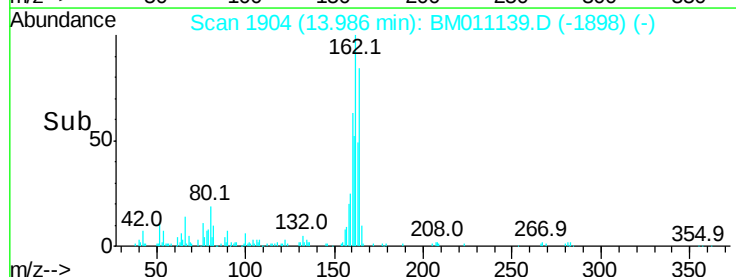
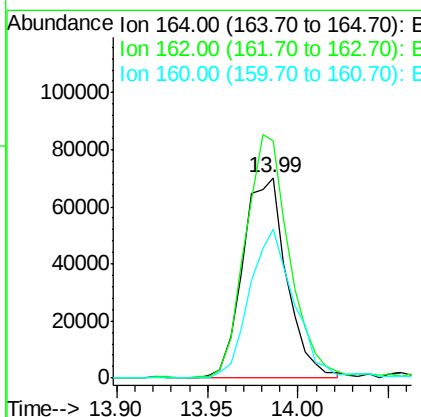
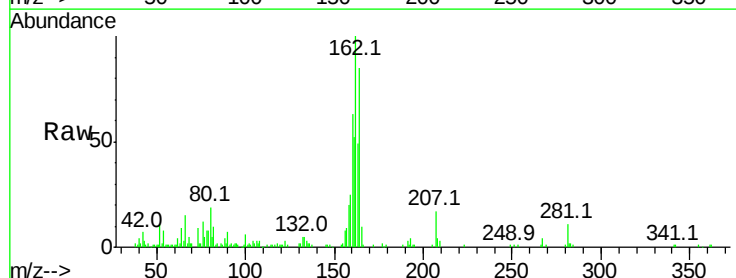
Ion	Ratio	Lower	Upper
82	100		
128	23.8	32.8	49.2#
54	49.6	40.6	60.8

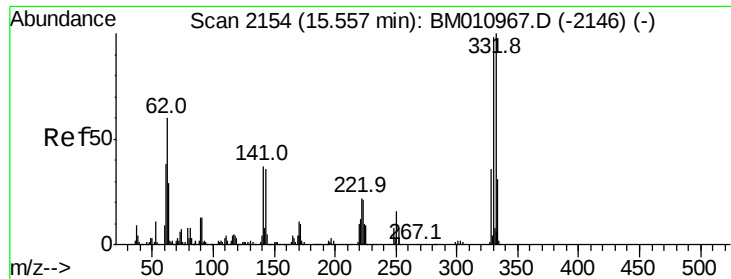


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011139.D
 Acq: 05 Aug 2017 13:17

Tgt Ion:164 Resp: 118330

Ion	Ratio	Lower	Upper
164	100		
162	118.3	82.4	123.6
160	74.3	35.8	53.6#

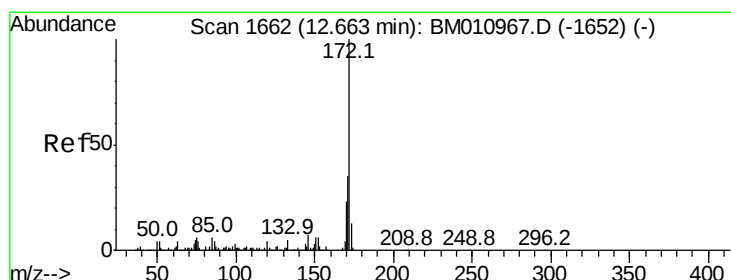
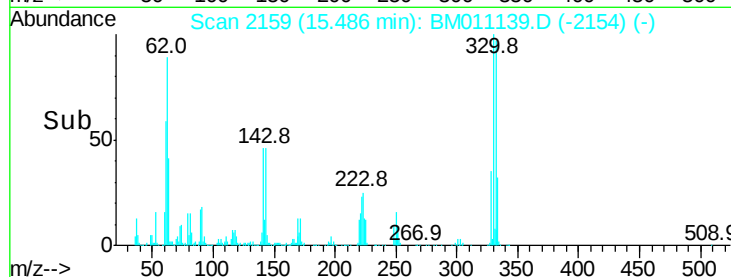
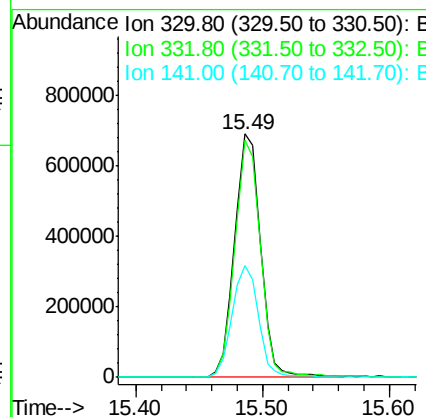
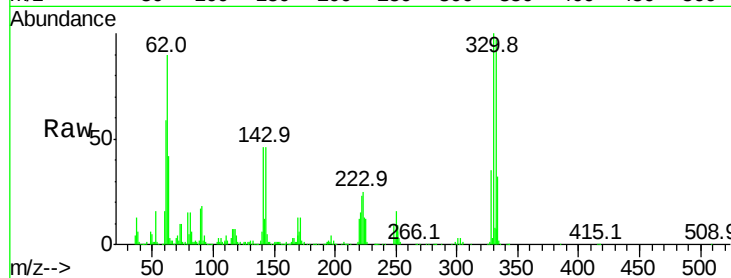




#41
2,4,6-Tribromophenol
Concen: 519.112 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

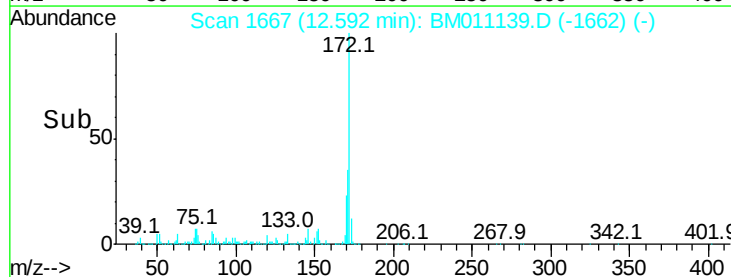
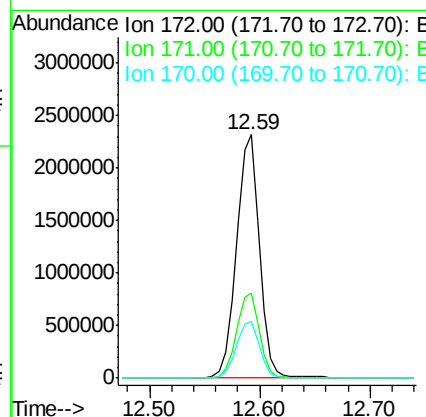
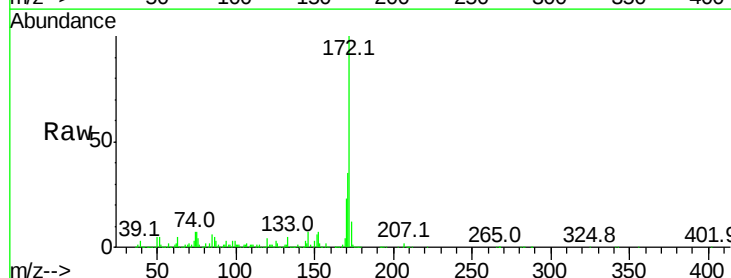
Instrument :
BNA_M
ClientSampleId :
PB101225BL

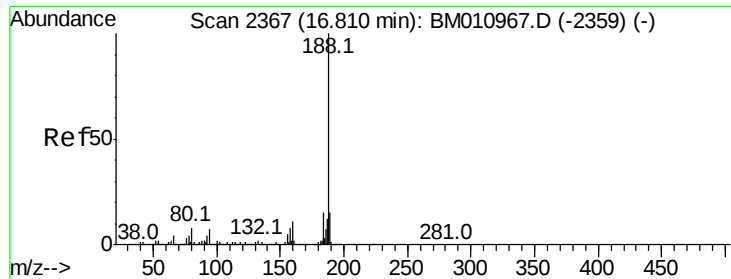
Tot Ion:330 Resp: 984539
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 46.6 0.0 0.0#



#44
2-Fluorobiphenyl
Concen: 359.371 ng
RT: 12.59 min Scan# 1667
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:172 Resp: 3390727
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.3 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011139.D

Acq: 05 Aug 2017 13:17

Instrument :

BNA_M

ClientSampleId :

PB101225BL

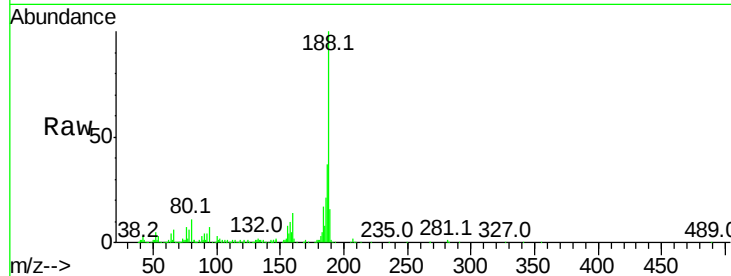
Tot Ion:188 Resp: 497148

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

80 11.2 9.3 13.9

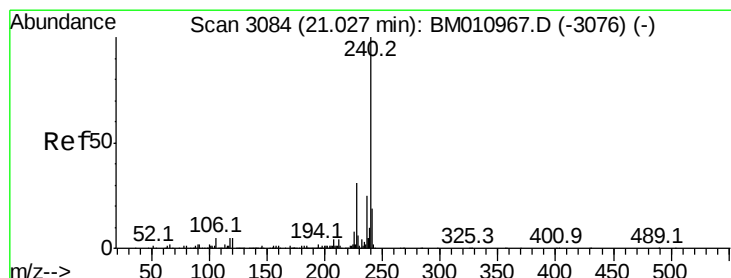
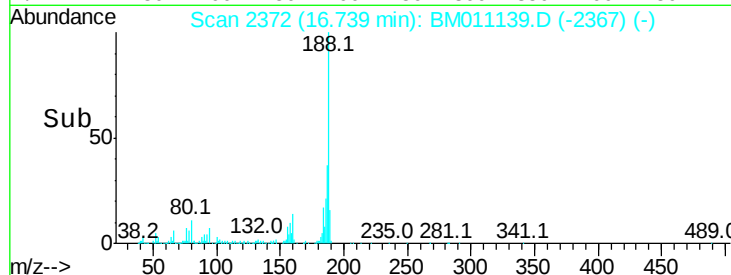
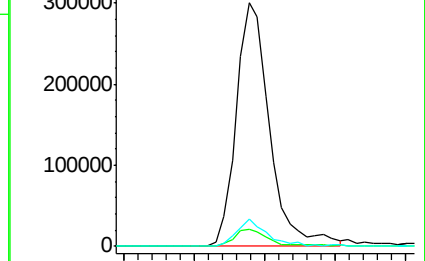


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.74



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.95 min Scan# 3088

Delta R.T. -0.08 min

Lab File: BM011139.D

Acq: 05 Aug 2017 13:17

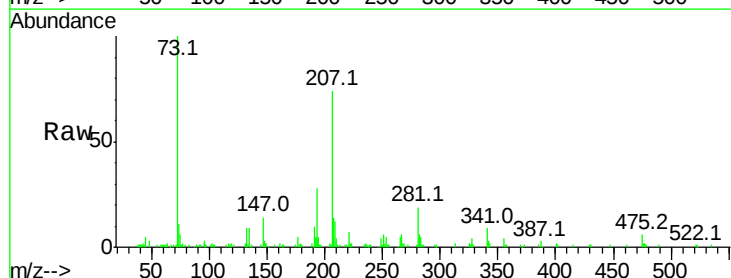
Tgt Ion:240 Resp: 811

Ion Ratio Lower Upper

240 100

120 0.0 8.2 12.2#

236 0.0 20.0 30.0#

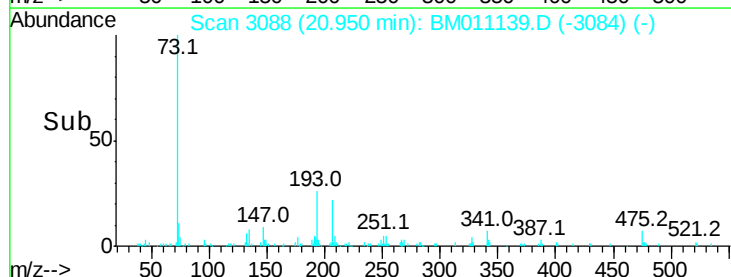
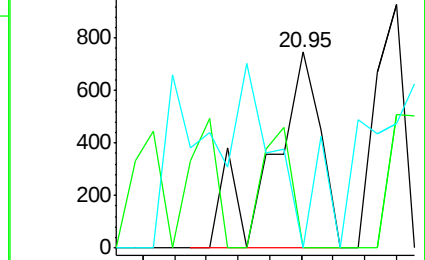


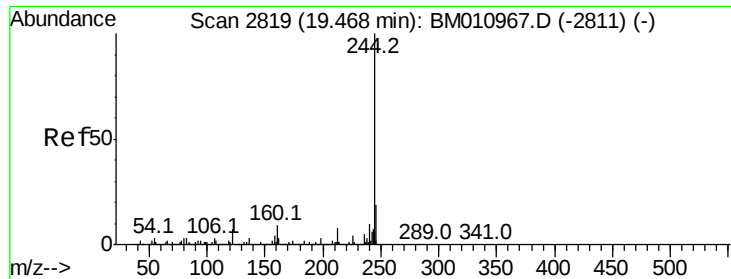
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

20.95





#78

Terphenyl-d14

Concen: 398.983 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011139.D

Acq: 05 Aug 2017 13:17

Instrument :

BNA_M

ClientSampleId :

PB101225BL

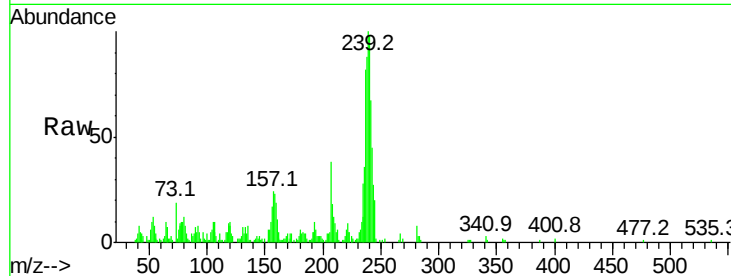
Tot Ion:244 Resp: 16335

Ion Ratio Lower Upper

244 100

212 31.3 4.9 7.3#

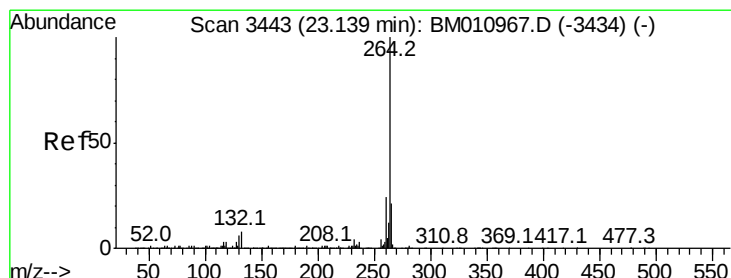
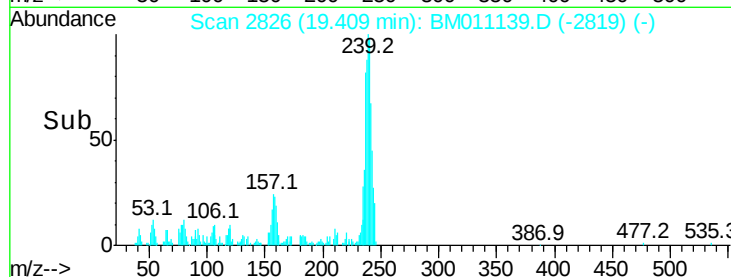
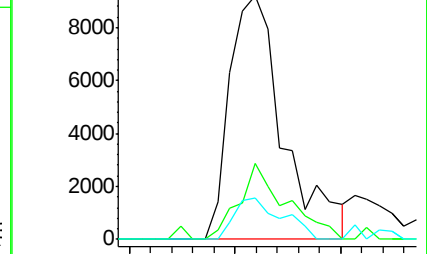
122 16.8 6.2 9.4#



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: BM011139.D

Acq: 05 Aug 2017 13:17

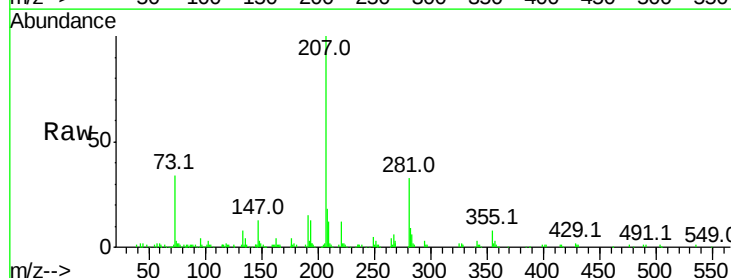
Tgt Ion:264 Resp: 140

Ion Ratio Lower Upper

264 100

260 0.0 18.6 27.8#

265 992.7 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

