

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011016.D
 Acq On : 27 Jul 2017 18:23
 Operator : SJ/JU
 Sample : I4432-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Jul 28 01:06:03 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	146096	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	561473	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	414227	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1130071	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1524415	20.00	ng	0.00
86) Perylene-d12	23.13	264	1458083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	181559	21.01	ng	0.00
7) Phenol-d6	6.58	99	157815	12.85	ng	-0.01
23) Nitrobenzene-d5	8.53	82	468075	31.29	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	307825	46.36	ng	-0.01
44) 2-Fluorobiphenyl	12.66	172	945602	28.63	ng	0.00
78) Terphenyl-d14	19.46	244	1968578	25.58	ng	0.00

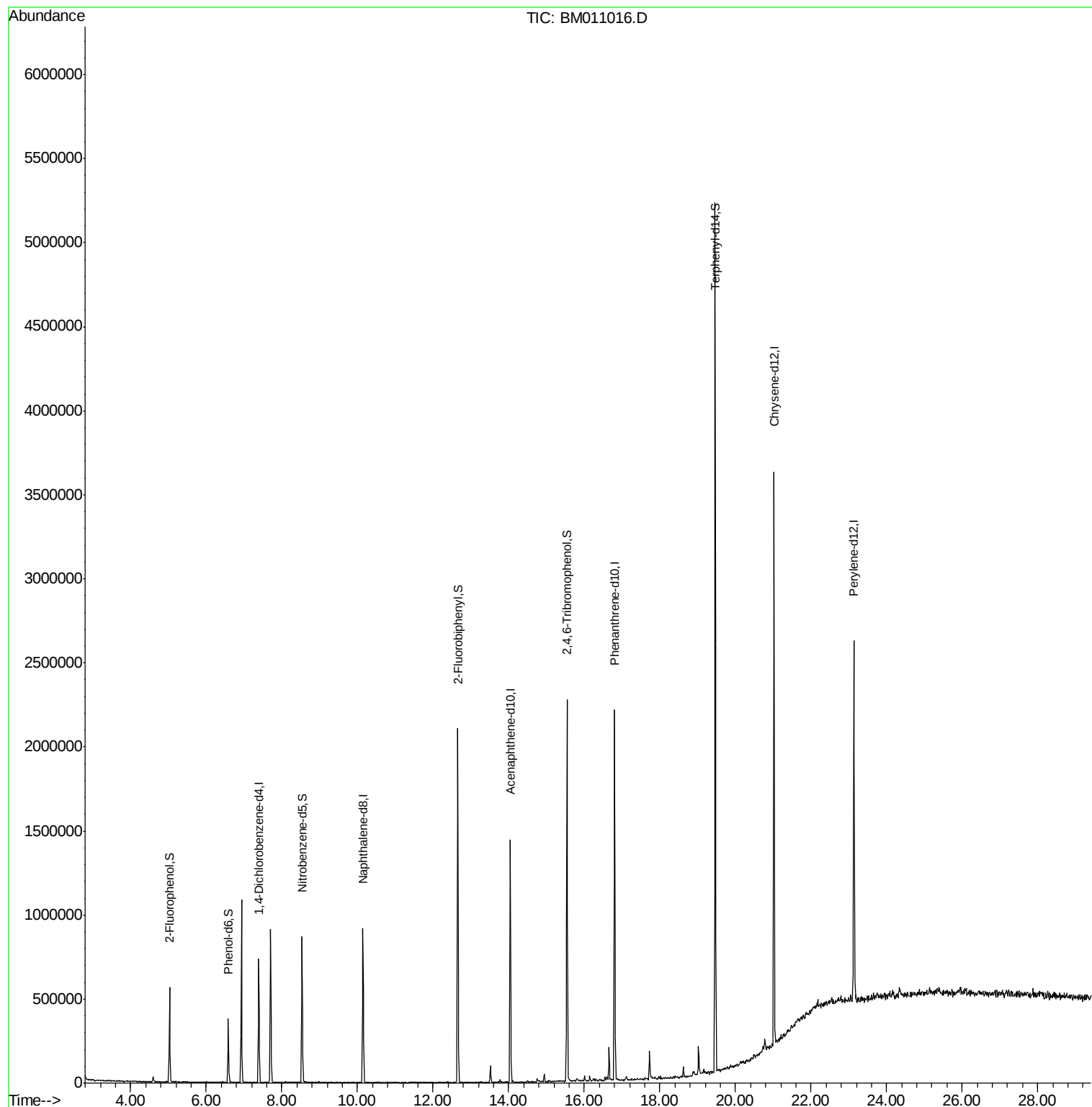
Target Compounds Qvalue

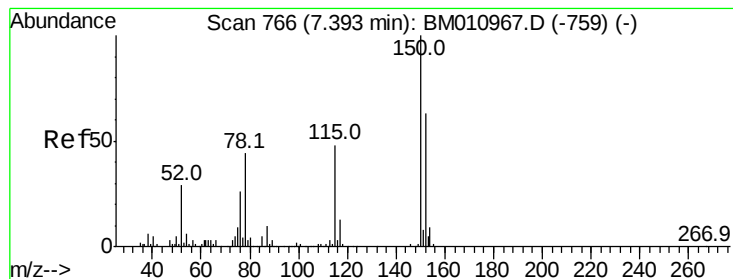
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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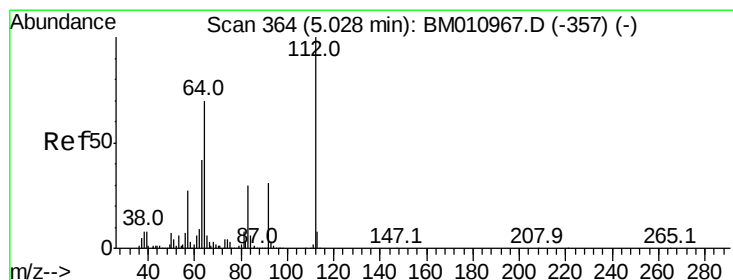
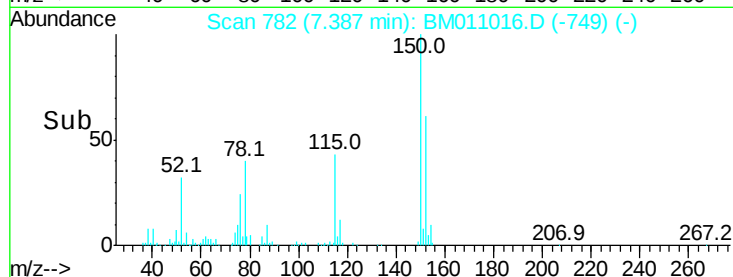
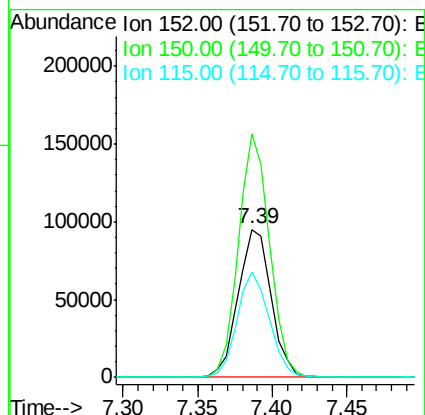
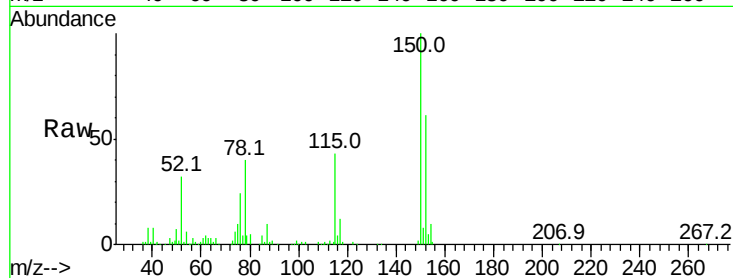


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011016.D
Acq: 27 Jul 2017 18:23

Instrument :
BNA_M
ClientSampleId :
MW-4

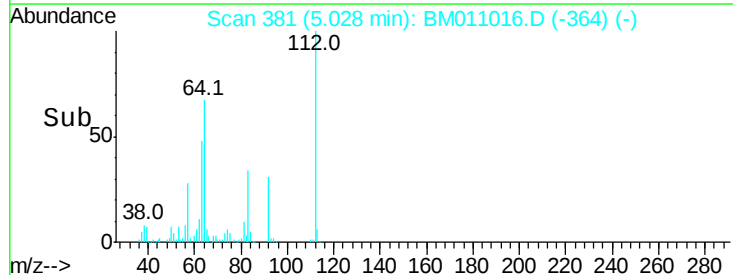
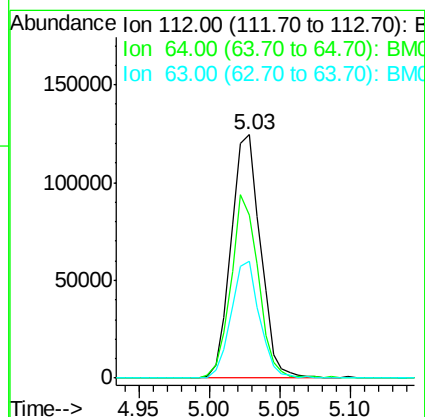
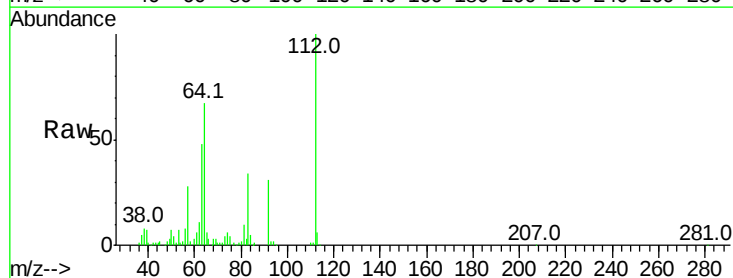
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	71.1	43.0	64.4#

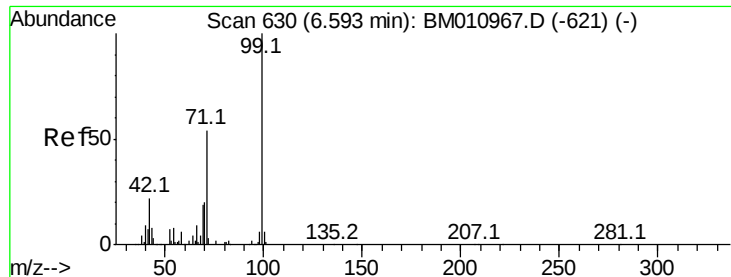


#5

2-Fluorophenol
Concen: 21.008 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011016.D
Acq: 27 Jul 2017 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	38.6	57.8#
63	48.3	19.3	28.9#





#7

Phenol-d6

Concen: 12.852 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011016.D

Acq: 27 Jul 2017 18:23

Instrument :

BNA_M

ClientSampleId :

MW-4

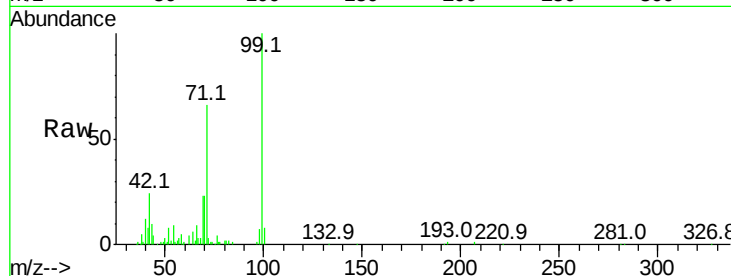
Tot Ion: 99 Resp: 157815

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

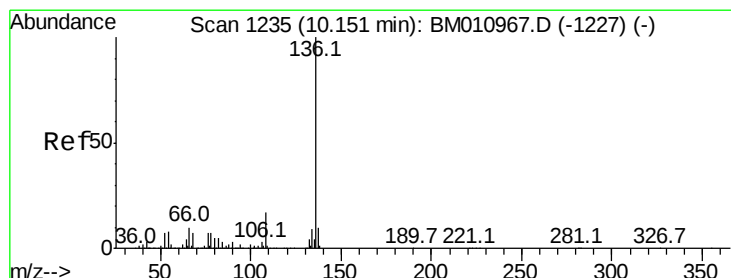
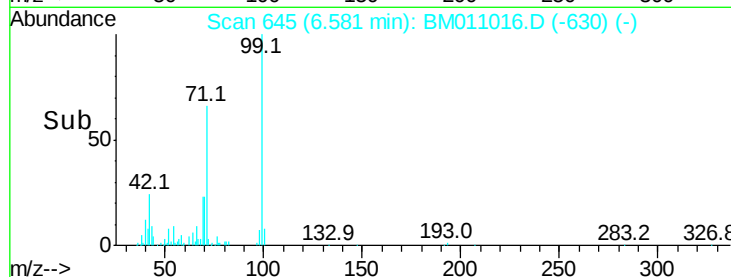
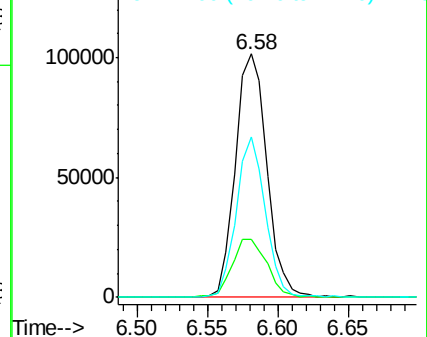
71 65.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011016.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011016.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011016.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011016.D

Acq: 27 Jul 2017 18:23

Tgt Ion: 136 Resp: 561473

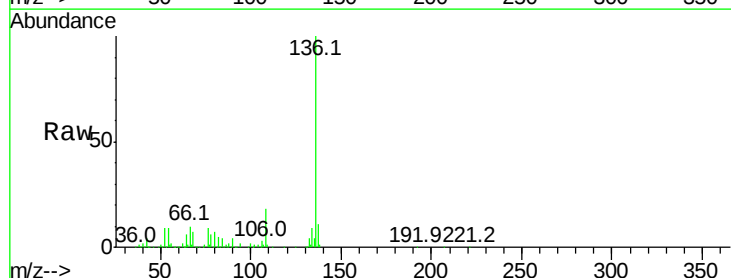
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.6 4.6 6.8#

68 6.6 3.7 5.5#

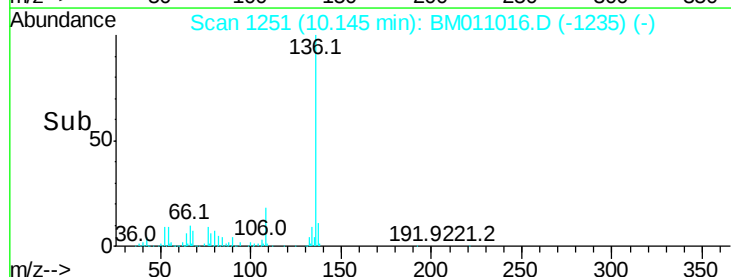
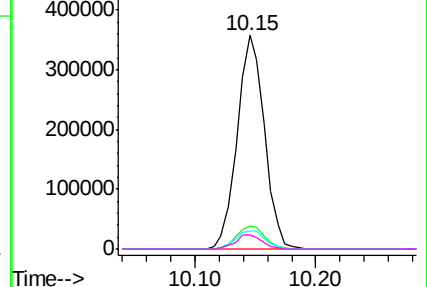


Abundance Ion 136.00 (135.70 to 136.70): BM011016.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011016.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011016.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011016.D (-1235) (-)

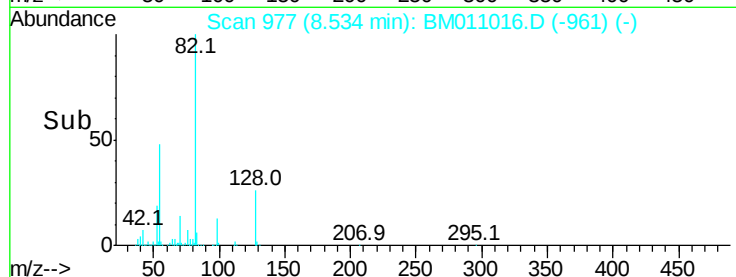
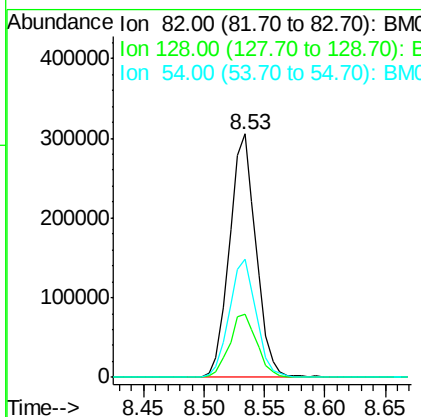
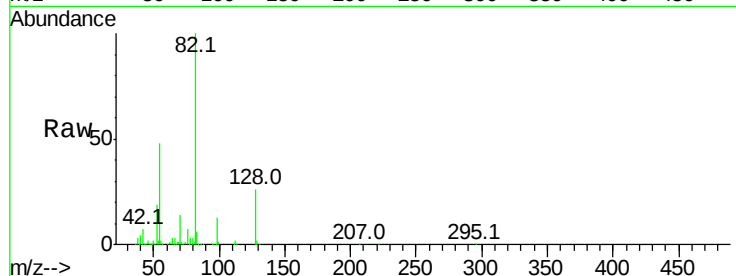




#23
 Nitrobenzene-d5
 Concen: 31.288 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011016.D
 Acq: 27 Jul 2017 18:23

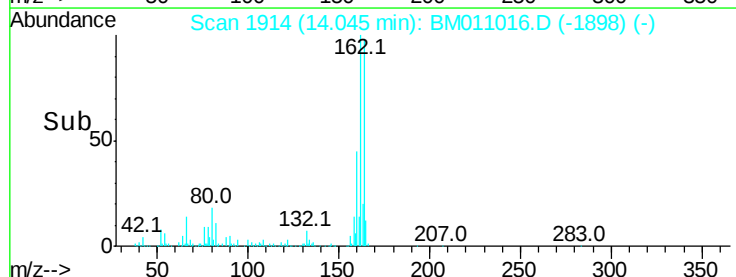
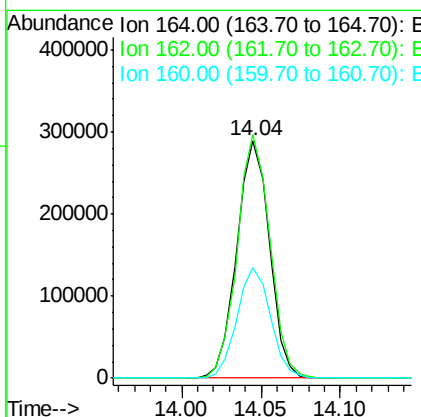
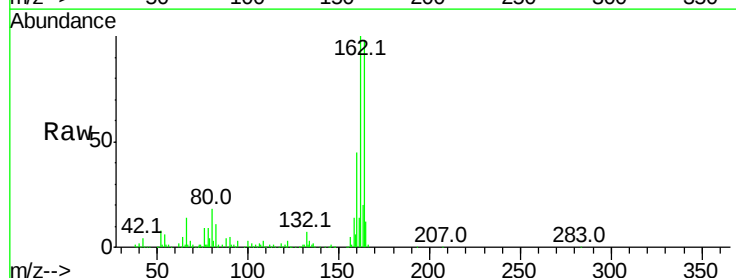
Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	26.1	32.8	49.2#
54	48.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011016.D
 Acq: 27 Jul 2017 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	46.3	35.8	53.6

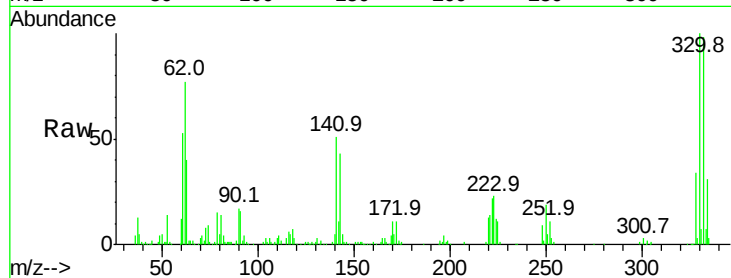




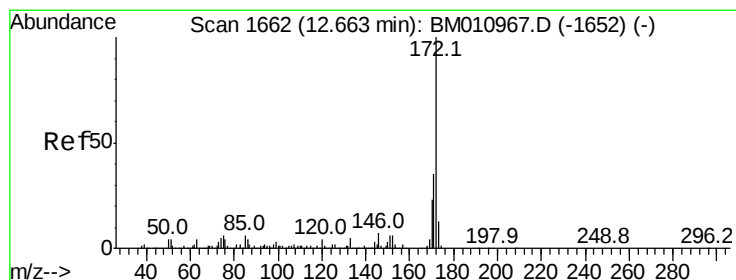
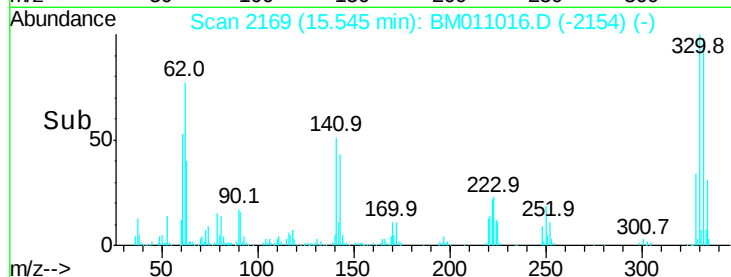
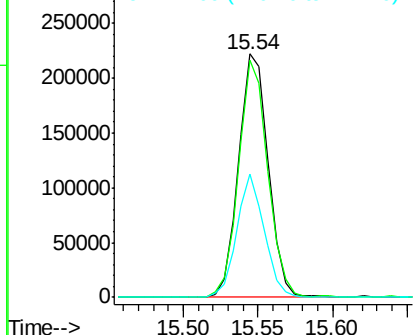
#41
 2,4,6-Tribromophenol
 Concen: 46.365 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011016.D
 Acq: 27 Jul 2017 18:23

Instrument :
 BNA_M
 ClientSampled :
 MW-4

Tot Ion:330 Resp: 307825
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 46.8 0.0 0.0#

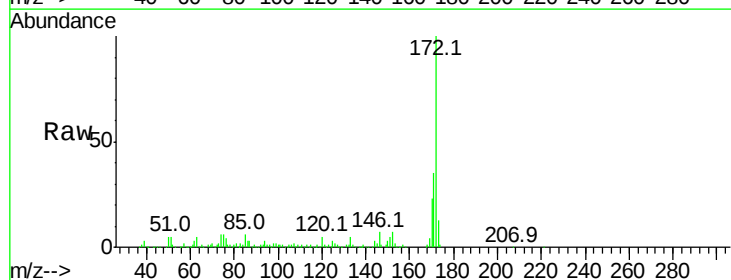


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

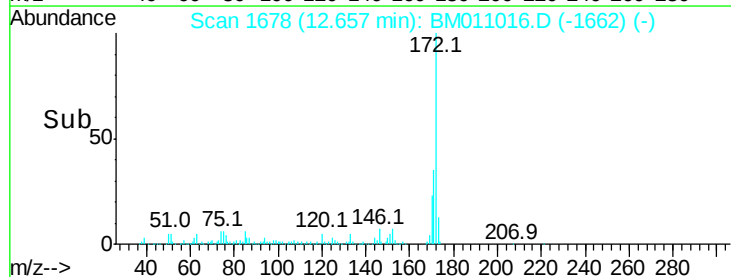
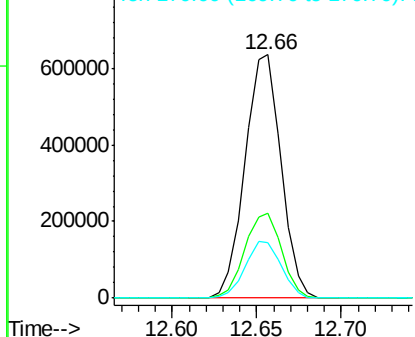


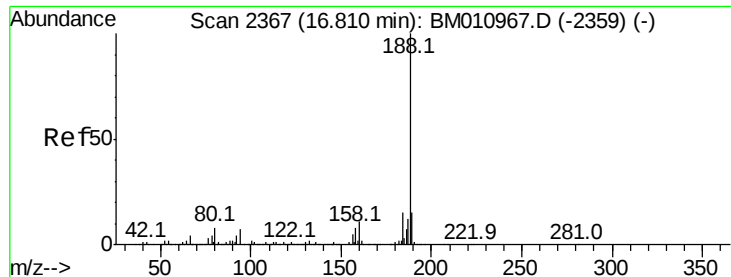
#44
 2-Fluorobiphenyl
 Concen: 28.630 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011016.D
 Acq: 27 Jul 2017 18:23

Tgt Ion:172 Resp: 945602
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.9 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# 2383

Delta R.T. -0.01 min

Lab File: BM011016.D

Acq: 27 Jul 2017 18:23

Instrument :

BNA_M

ClientSampleId :

MW-4

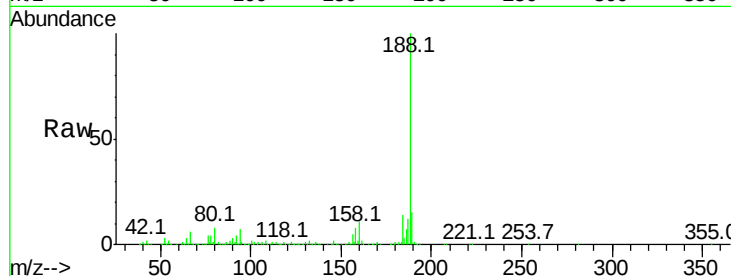
Tot Ion:188 Resp: 1130071

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

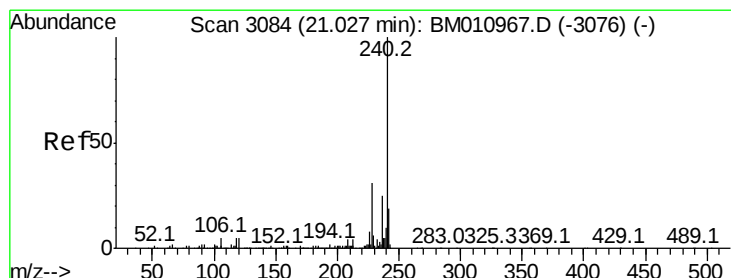
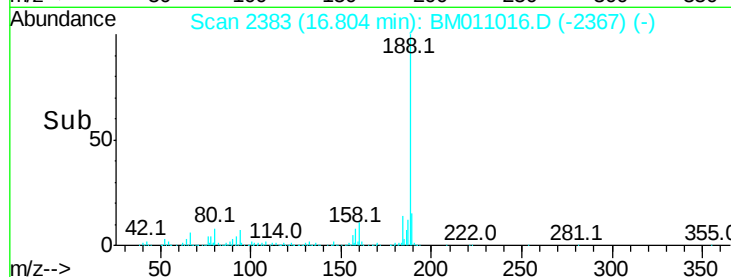
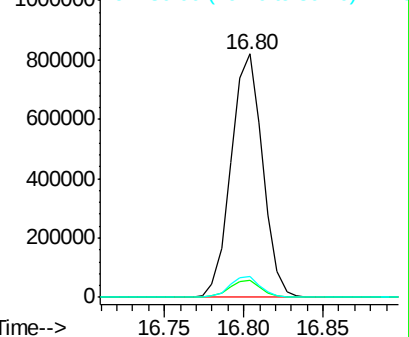
80 8.3 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011016.D

Acq: 27 Jul 2017 18:23

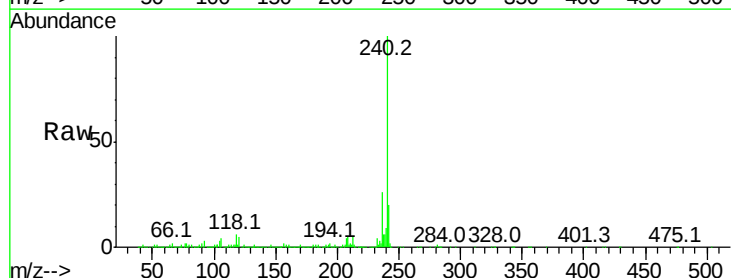
Tgt Ion:240 Resp: 1524415

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

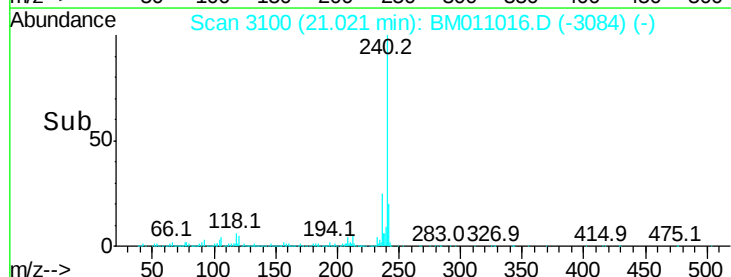
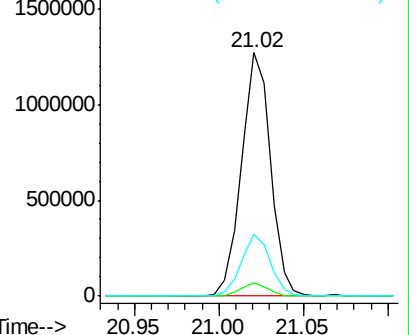
236 25.5 20.0 30.0

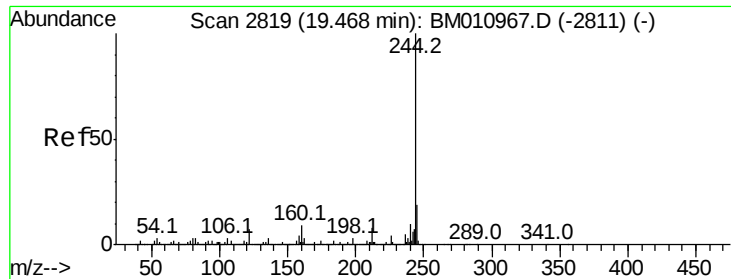


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 25.580 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011016.D

Acq: 27 Jul 2017 18:23

Instrument :

BNA_M

ClientSampleId :

MW-4

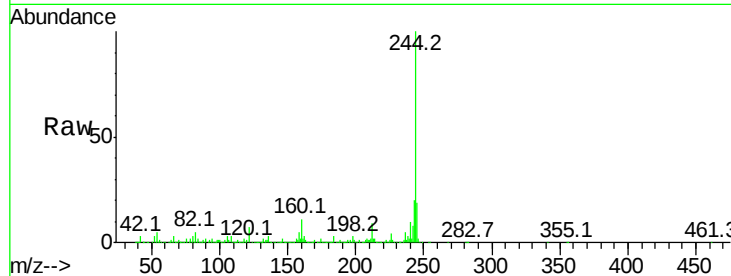
Tot Ion:244 Resp: 1968578

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

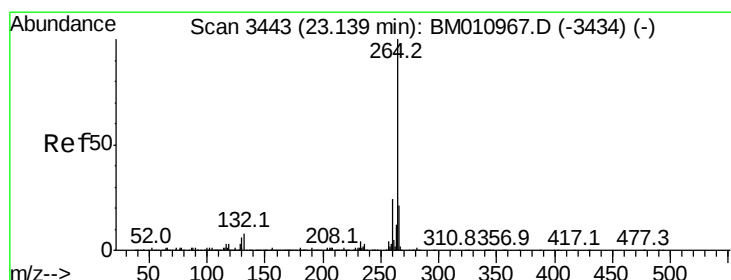
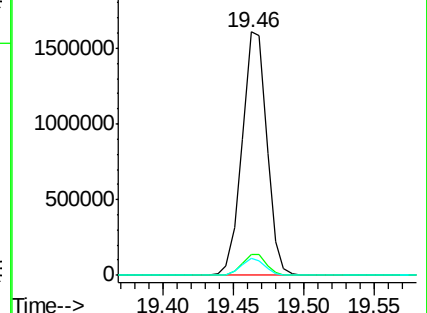
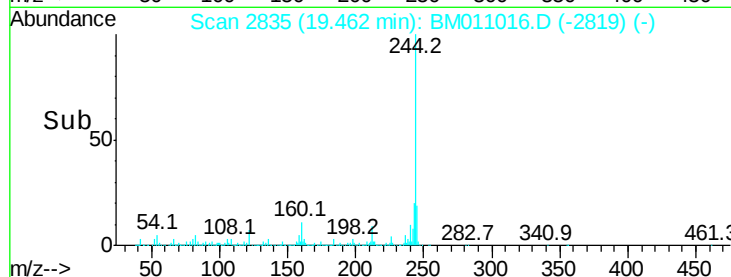
122 6.9 6.2 9.4



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: BM011016.D

Acq: 27 Jul 2017 18:23

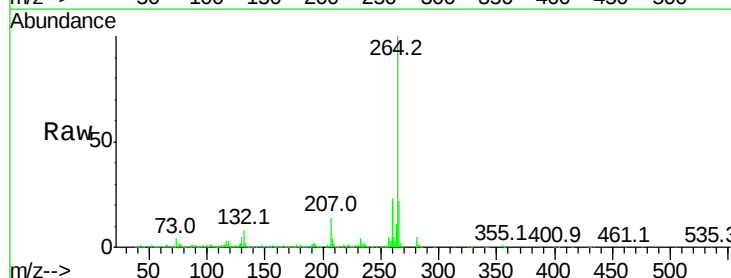
Tgt Ion:264 Resp: 1458083

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 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

