

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011044.D
 Acq On : 28 Jul 2017 16:30
 Operator : SJ/JU
 Sample : I4432-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Jul 28 22:51:28 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	207216	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	814644	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	576222	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1503272	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1763938	20.00	ng	0.00
86) Perylene-d12	23.13	264	1423465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	229822	18.75	ng	0.00
7) Phenol-d6	6.58	99	205124	11.78	ng	-0.02
23) Nitrobenzene-d5	8.53	82	839178	38.66	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	383505	41.52	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	1674080	36.44	ng	-0.01
78) Terphenyl-d14	19.46	244	3047356	34.22	ng	0.00

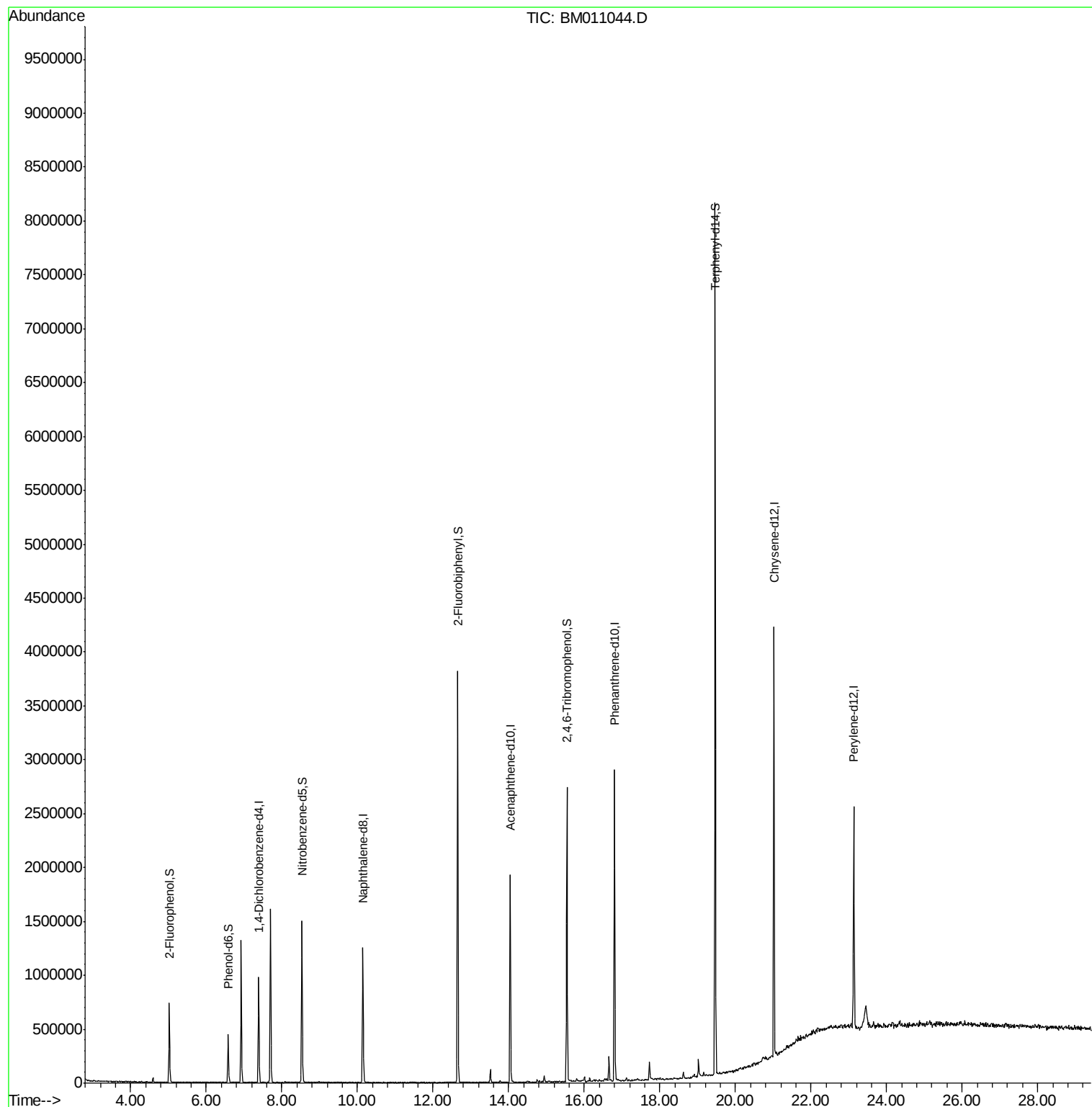
Target Compounds Qvalue

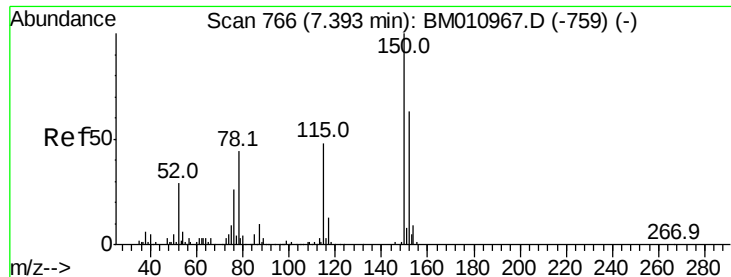
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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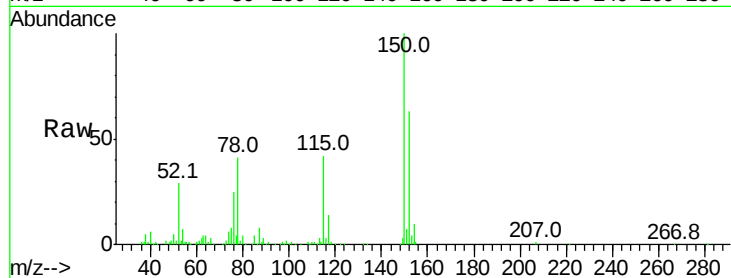


#1

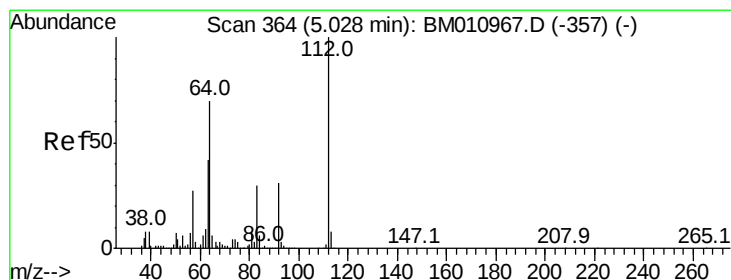
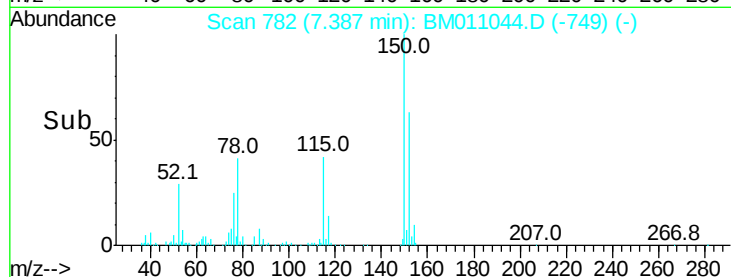
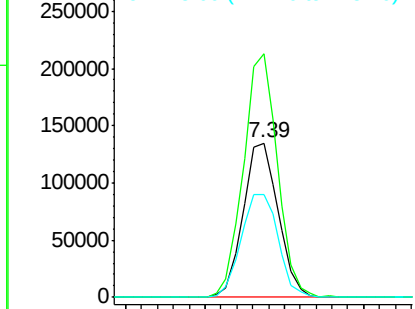
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011044.D
Acq: 28 Jul 2017 16:30

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	66.3	43.0	64.4#



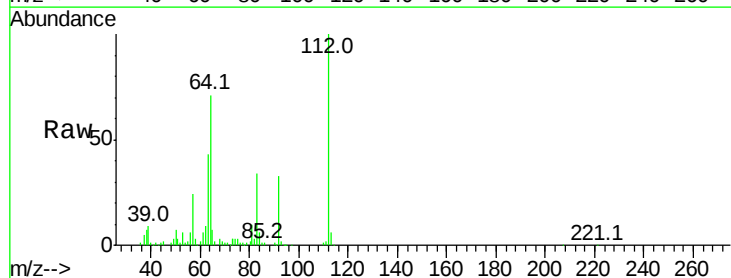
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



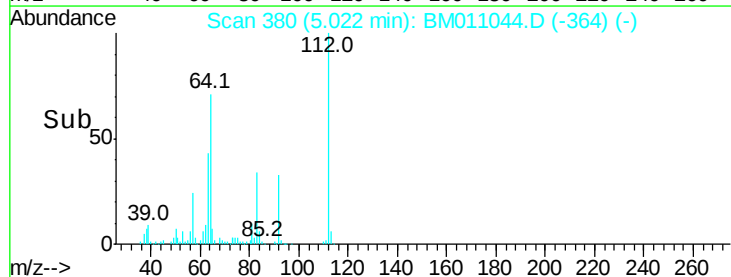
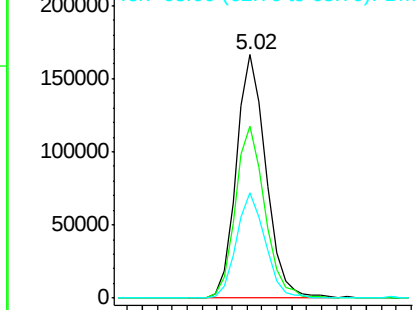
#5

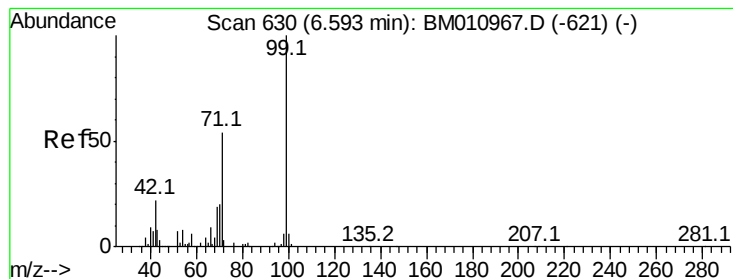
2-Fluorophenol
Concen: 18.749 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011044.D
Acq: 28 Jul 2017 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	38.6	57.8#
63	43.1	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





#7

Phenol-d6

Concen: 11.778 ng

RT: 6.58 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011044.D

Acq: 28 Jul 2017 16:30

Instrument :

BNA_M

ClientSampleId :

MW-4

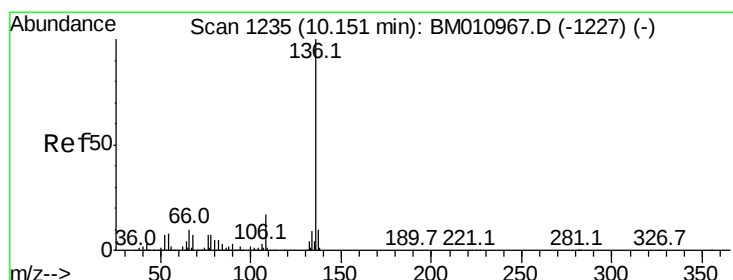
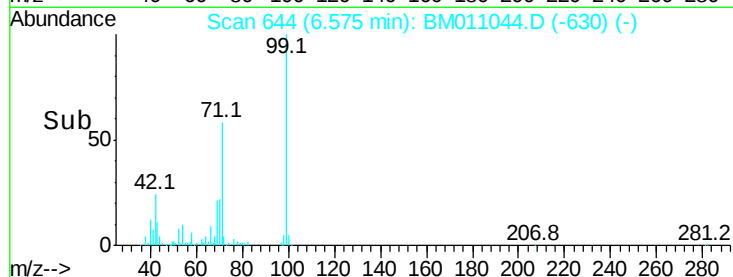
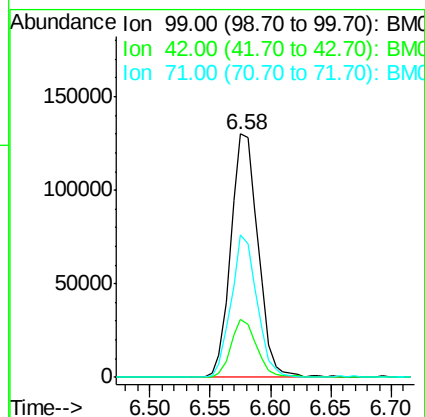
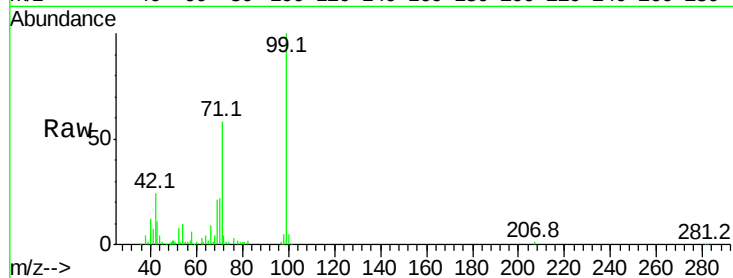
Tot Ion: 99 Resp: 205124

Ion Ratio Lower Upper

99 100

42 24.0 11.0 16.4#

71 58.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011044.D

Acq: 28 Jul 2017 16:30

Tgt Ion: 136 Resp: 814644

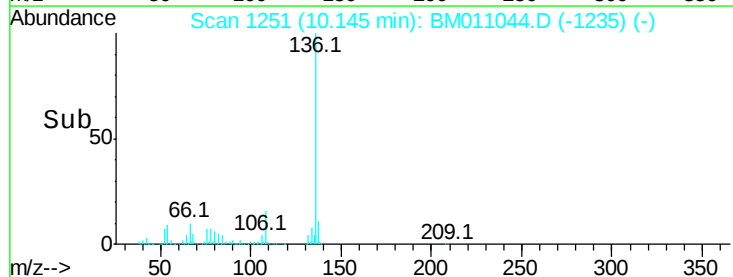
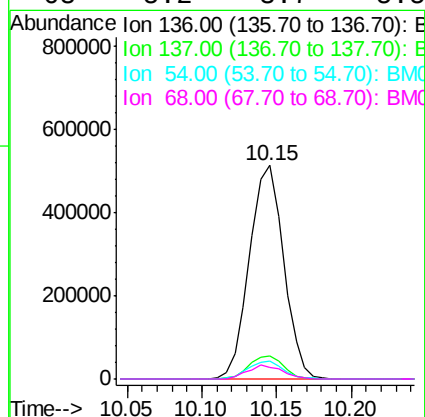
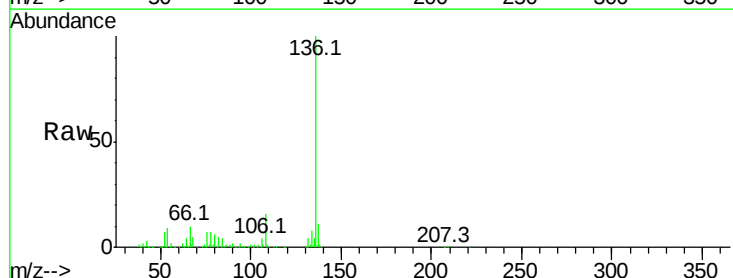
Ion Ratio Lower Upper

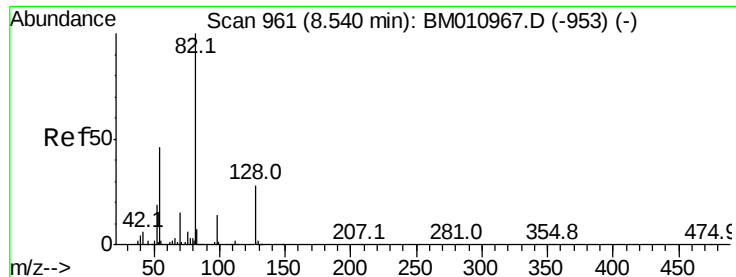
136 100

137 10.6 8.7 13.1

54 8.7 4.6 6.8#

68 5.2 3.7 5.5

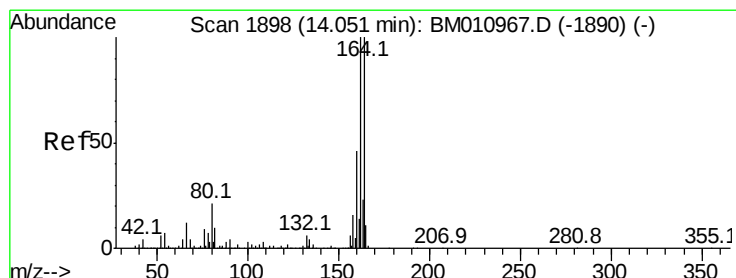
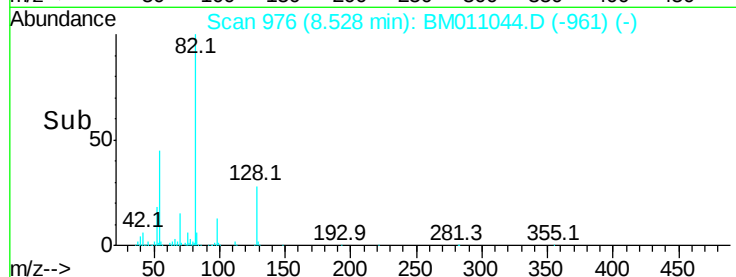
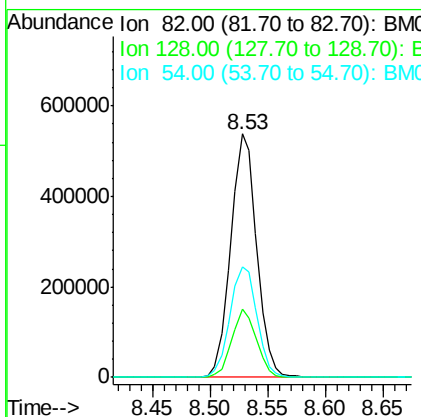
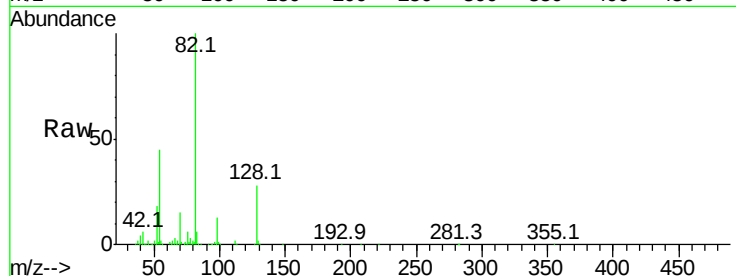




#23
 Nitrobenzene-d5
 Concen: 38.662 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011044.D
 Acq: 28 Jul 2017 16:30

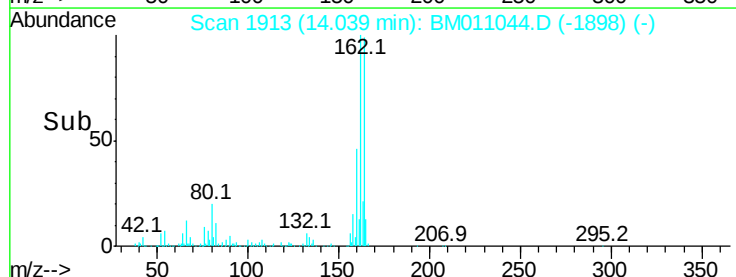
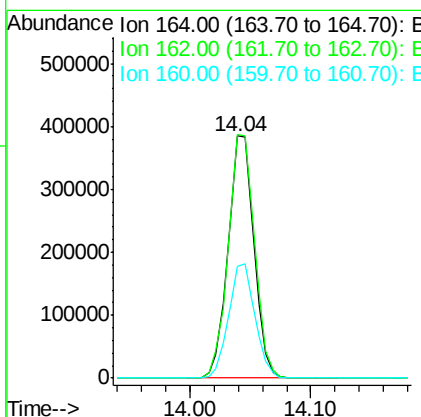
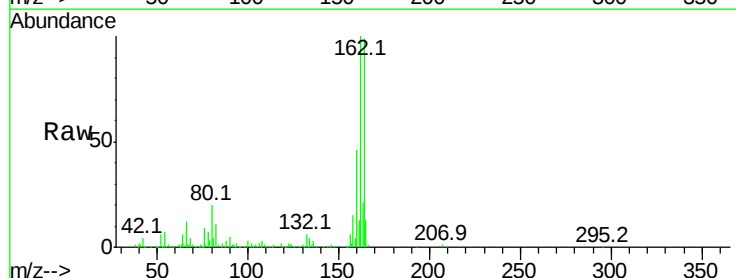
Instrument :
 BNA_M
 ClientSampleId :
 MW-4

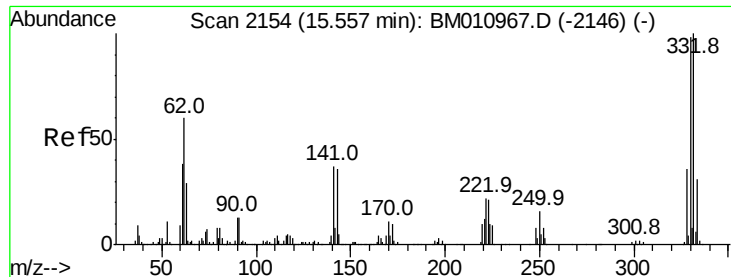
Tot Ion	82	Resp	839178
Ion Ratio	Lower	Upper	
82	100		
128	28.0	32.8	49.2#
54	45.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011044.D
 Acq: 28 Jul 2017 16:30

Tgt Ion	164	Resp	576222
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.4	123.6
160	46.1	35.8	53.6

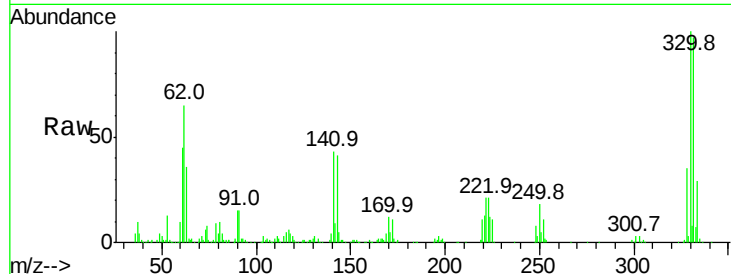




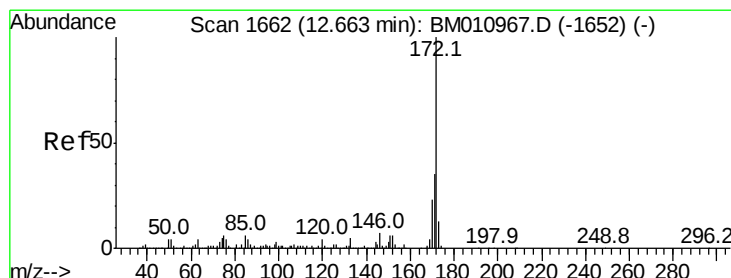
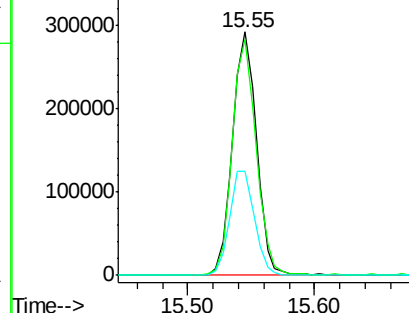
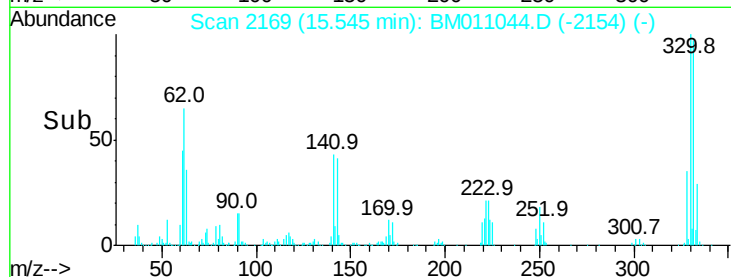
#41
 2,4,6-Tribromophenol
 Concen: 41.525 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011044.D
 Acq: 28 Jul 2017 16:30

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	44.1	0.0	0.0#

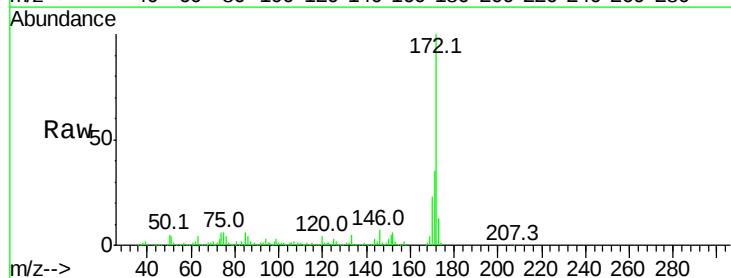


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

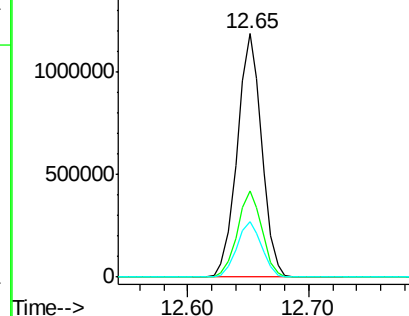
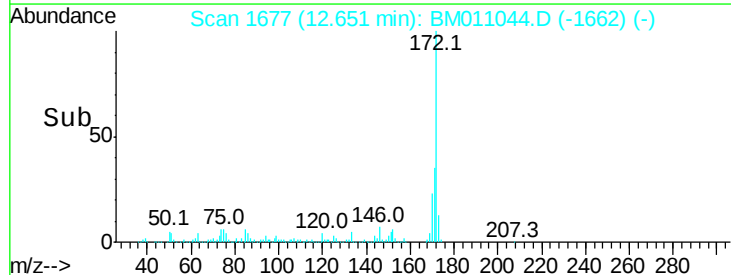


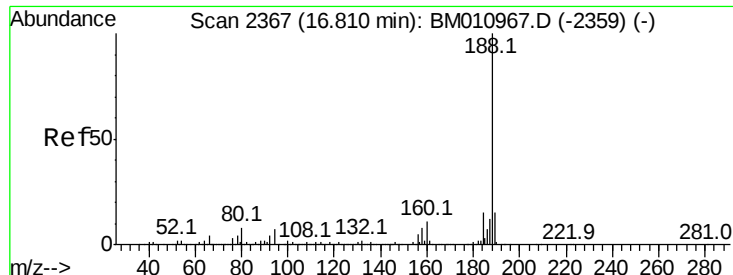
#44
 2-Fluorobiphenyl
 Concen: 36.436 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011044.D
 Acq: 28 Jul 2017 16:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

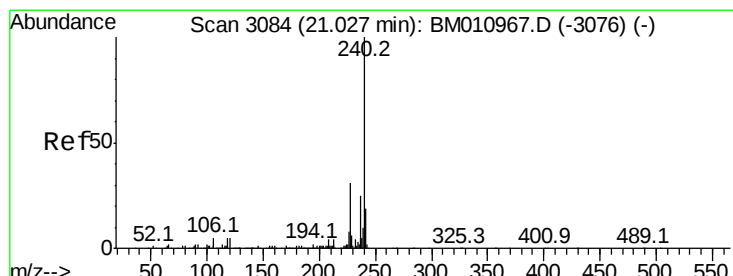
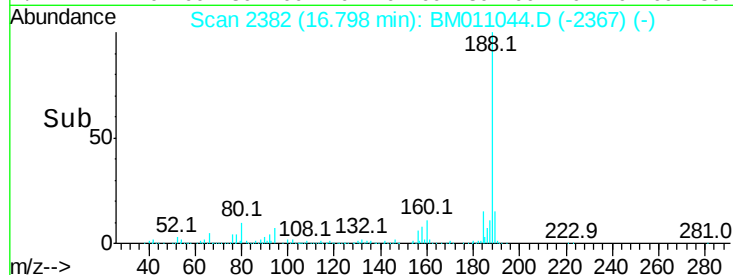
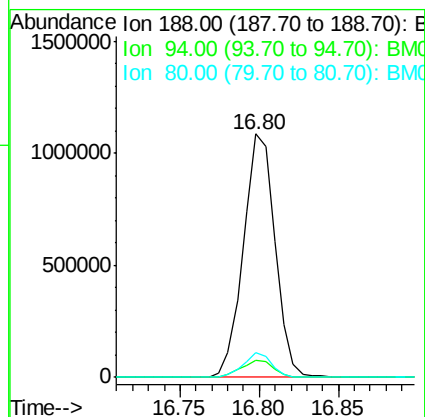
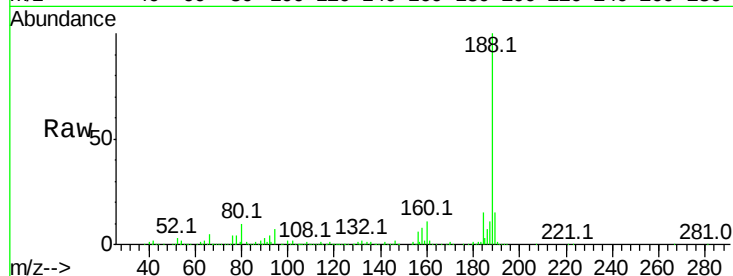




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011044.D
Acq: 28 Jul 2017 16:30

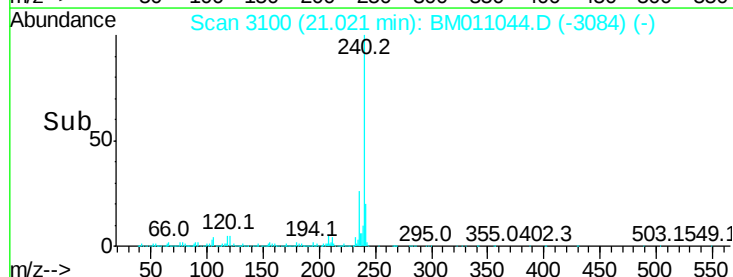
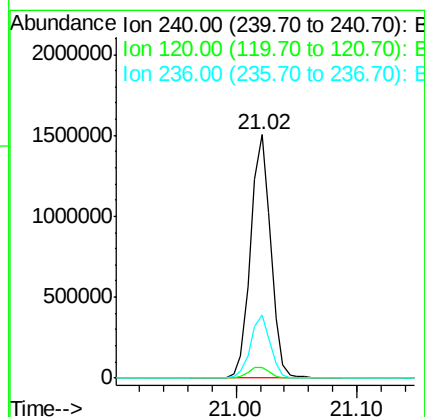
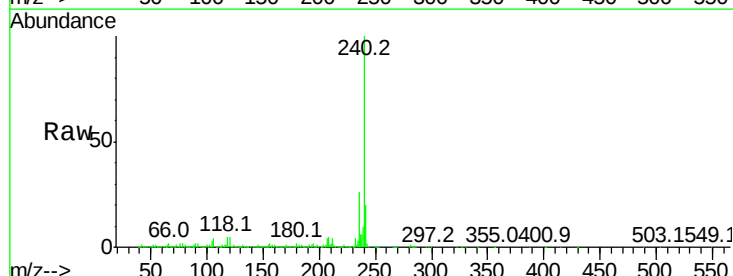
Instrument :
BNA_M
ClientSampled :
MW-4

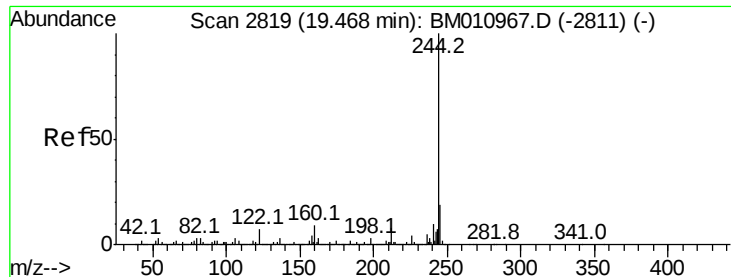
Tot Ion:188 Resp: 1503272
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 9.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011044.D
Acq: 28 Jul 2017 16:30

Tgt Ion:240 Resp: 1763938
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 34.221 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011044.D

Acq: 28 Jul 2017 16:30

Instrument :

BNA_M

ClientSampleId :

MW-4

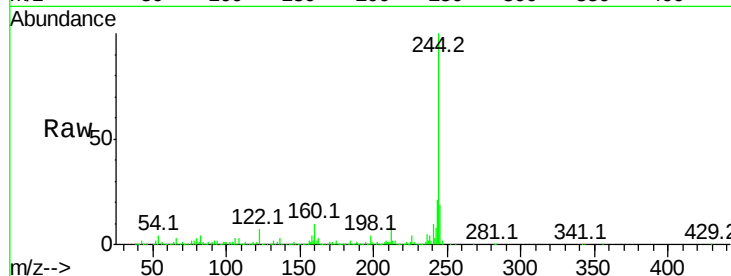
Tot Ion:244 Resp: 3047356

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

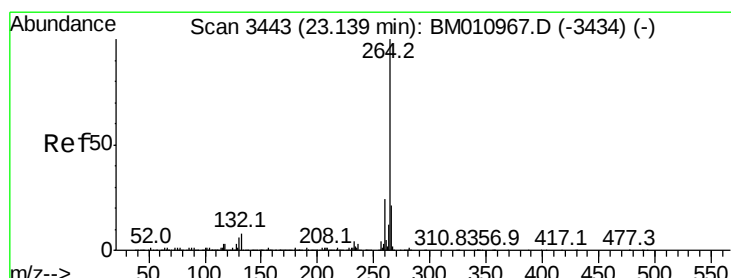
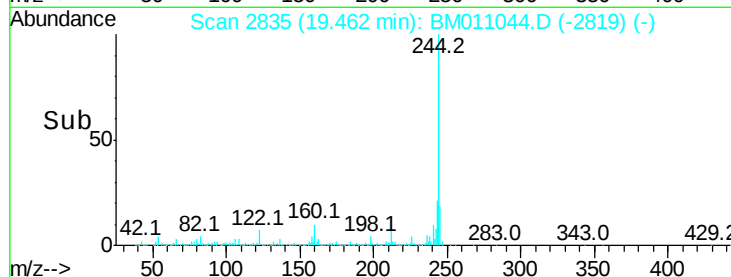
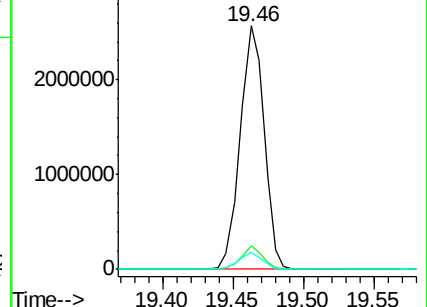
122 7.1 6.2 9.4



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: BM011044.D

Acq: 28 Jul 2017 16:30

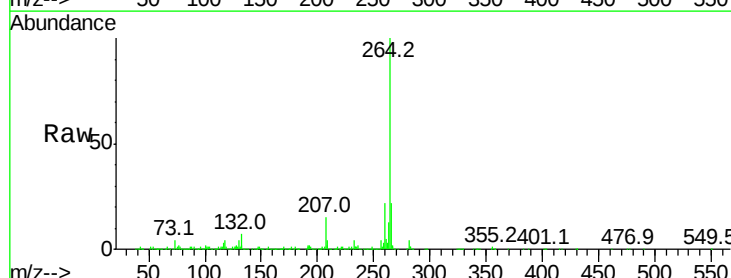
Tgt Ion:264 Resp: 1423465

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.4 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

