

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011221.D
 Acq On : 12 Aug 2017 16:09
 Operator : SJ/JU
 Sample : I4705-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Quant Time: Aug 14 04:01:54 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	7.29	152	101219	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	333084	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	213677	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	545040	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	773810	20.00	ng	-0.08
86) Perylene-d12	23.02	264	427332	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	928553	155.08	ng	-0.09
7) Phenol-d6	6.50	99	1227923	144.33	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1163063	131.05	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	512007	149.50	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1857369	109.01	ng	-0.10
78) Terphenyl-d14	19.39	244	3476811	89.00	ng	-0.08

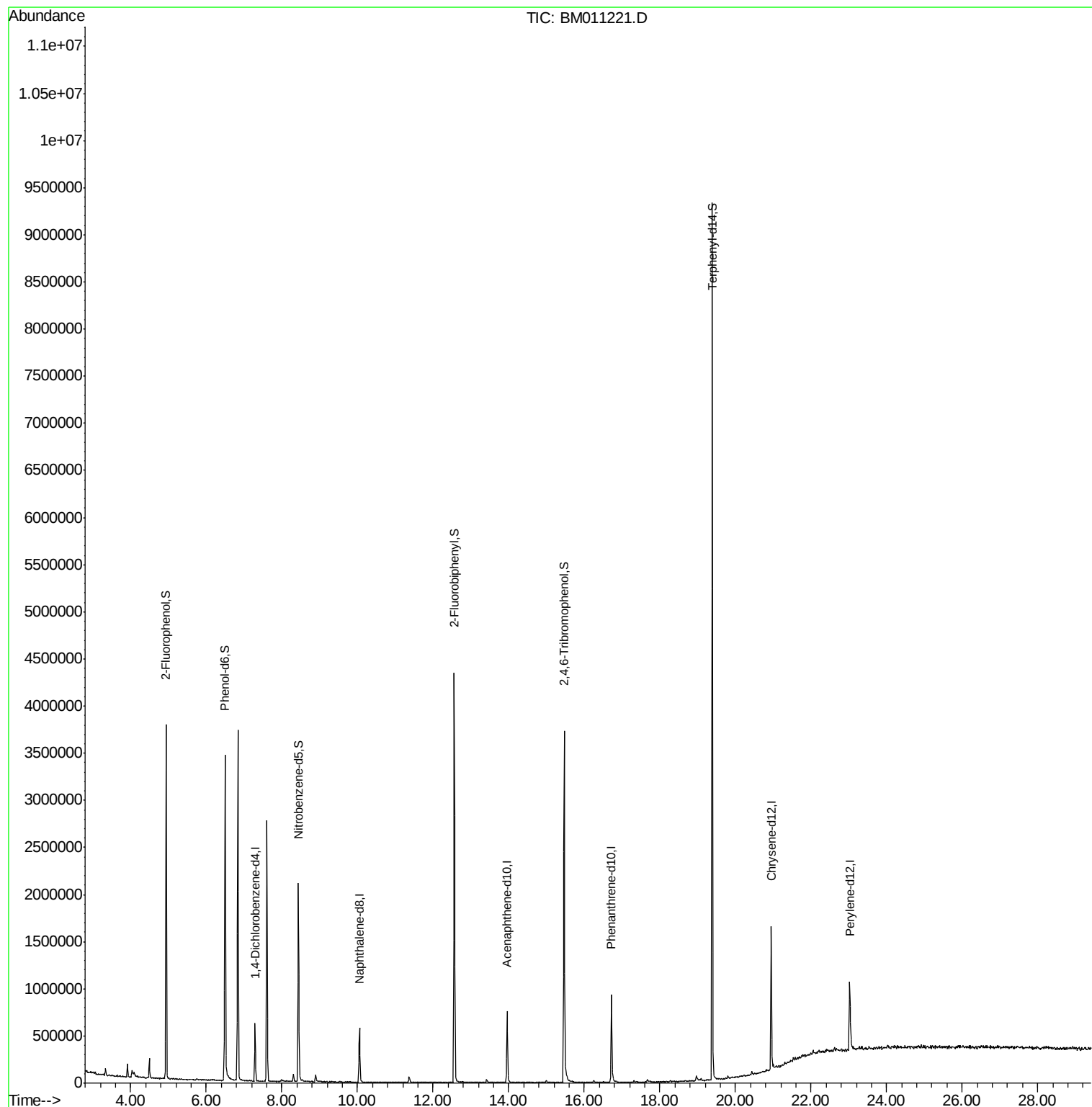
Target Compounds Qvalue

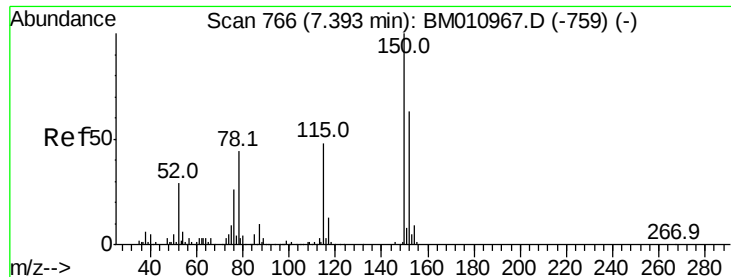
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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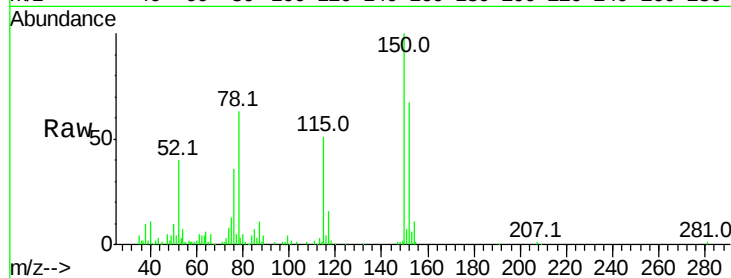


#1

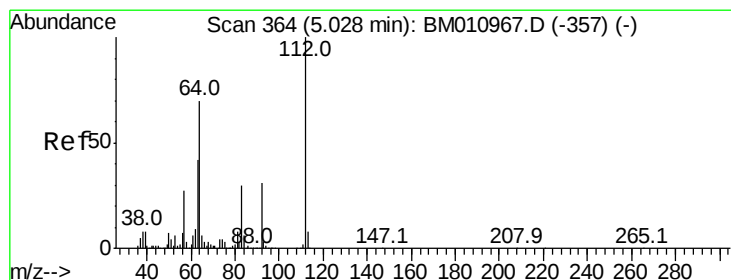
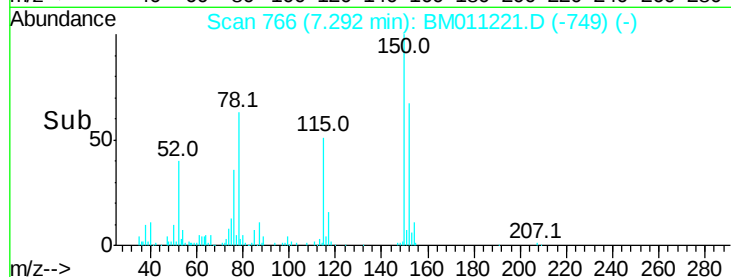
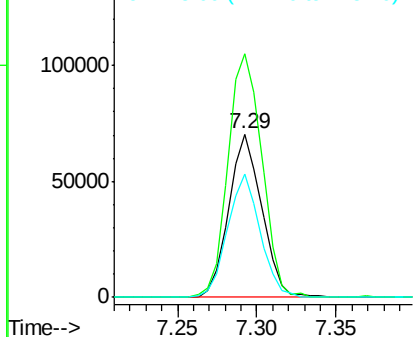
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011221.D
Acq: 12 Aug 2017 16:09

Instrument :
BNA_M
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	75.9	43.0	64.4#



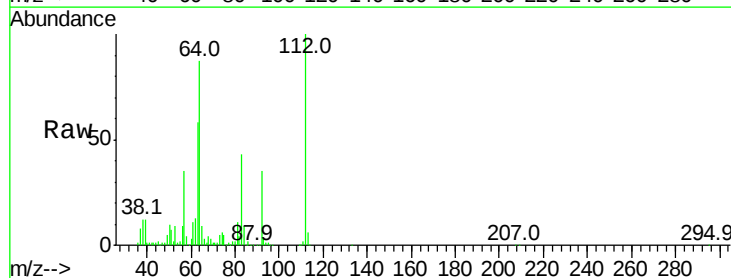
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



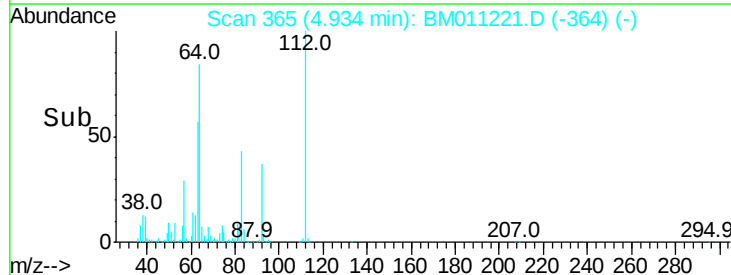
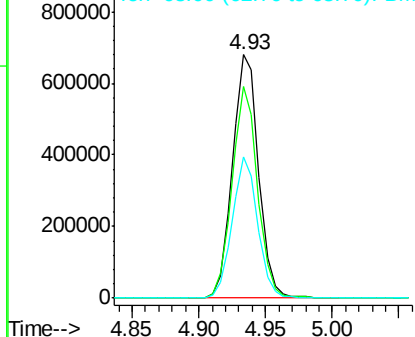
#5

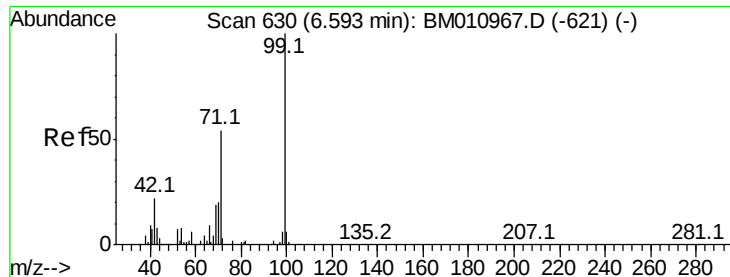
2-Fluorophenol
Concen: 155.076 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011221.D
Acq: 12 Aug 2017 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	87.0	38.6	57.8#
63	58.1	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: 144.335 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011221.D

Acq: 12 Aug 2017 16:09

Instrument :

BNA_M

ClientSampleId :

SP-A-COMP

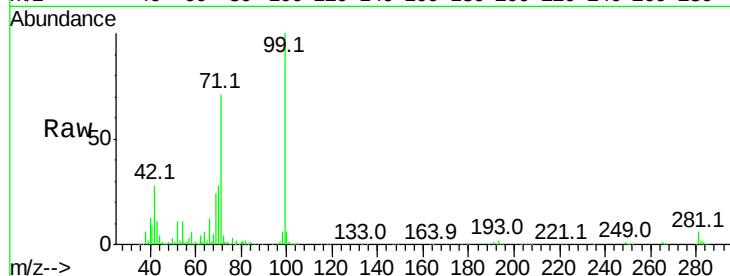
Tot Ion: 99 Resp: 1227923

Ion Ratio Lower Upper

99 100

42 28.3 11.0 16.4#

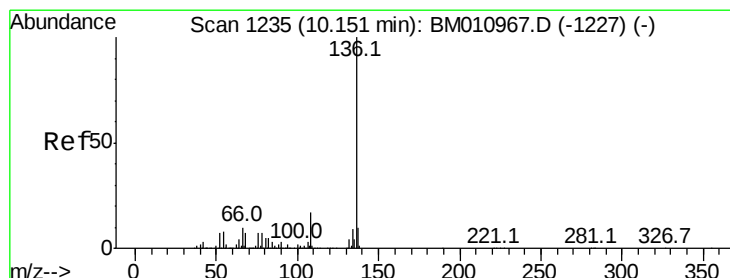
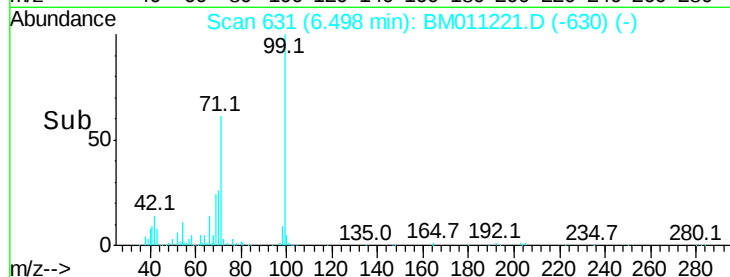
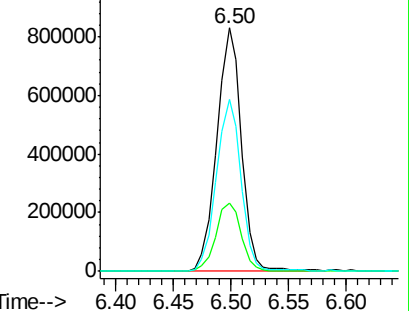
71 70.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011221.D

Acq: 12 Aug 2017 16:09

Tgt Ion: 136 Resp: 333084

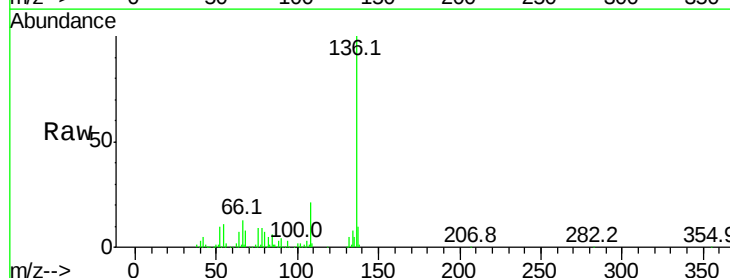
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 10.8 4.6 6.8#

68 8.2 3.7 5.5#

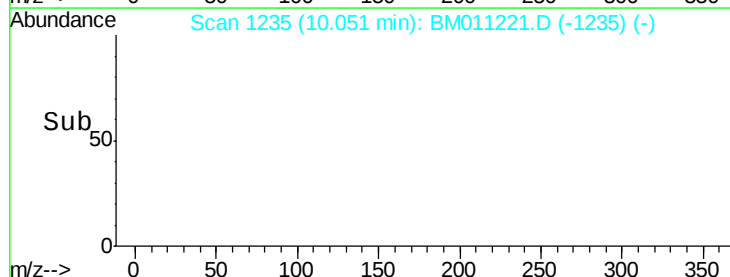
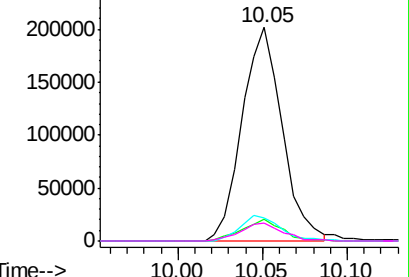


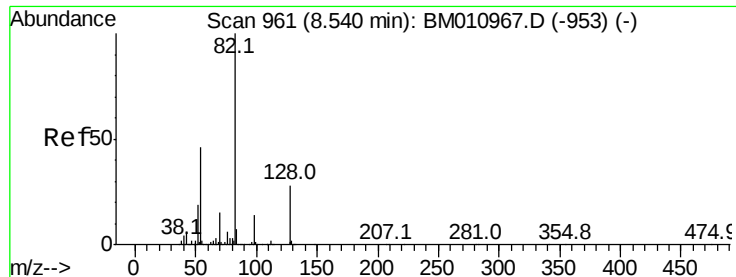
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)



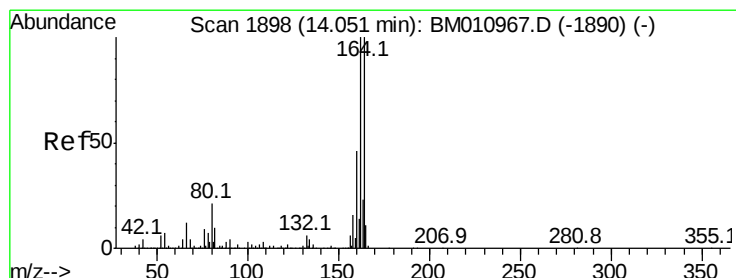
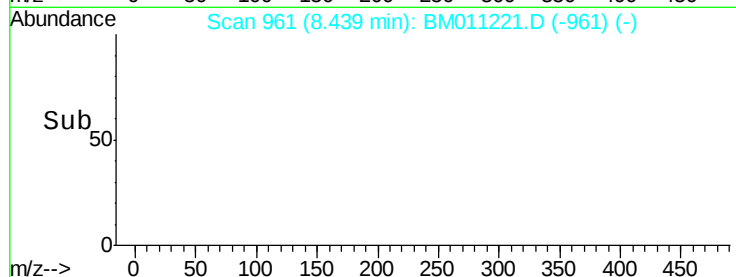
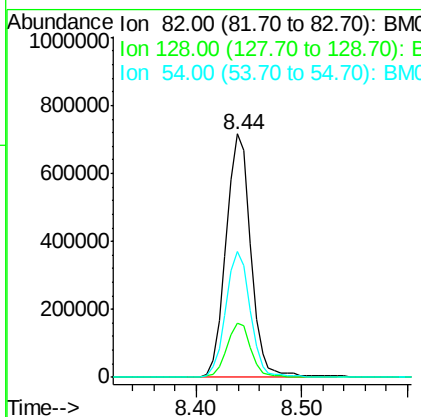
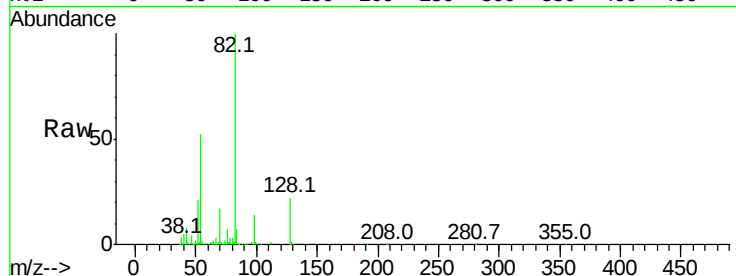


#23
 Nitrobenzene-d5
 Concen: 131.053 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Tot Ion: 82 Resp: 1163063

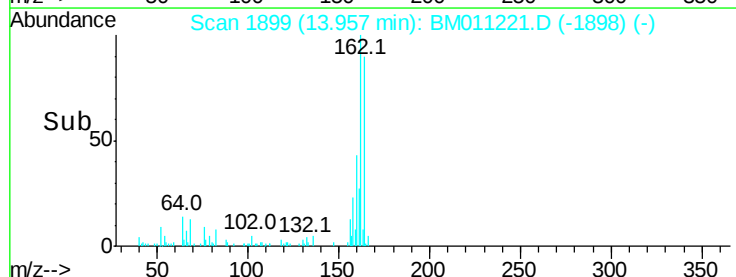
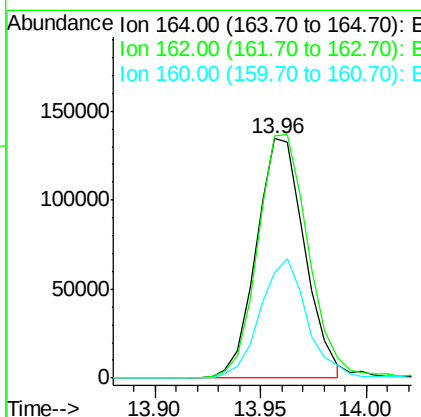
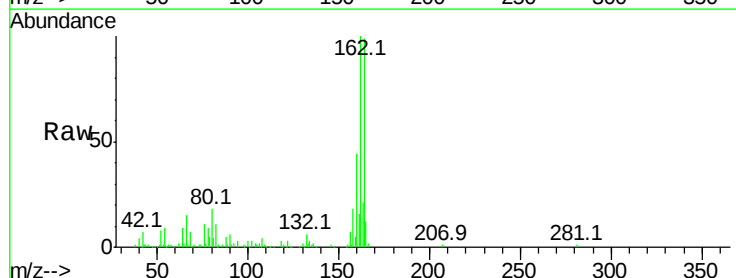
Ion	Ratio	Lower	Upper
82	100		
128	22.2	32.8	49.2#
54	51.9	40.6	60.8

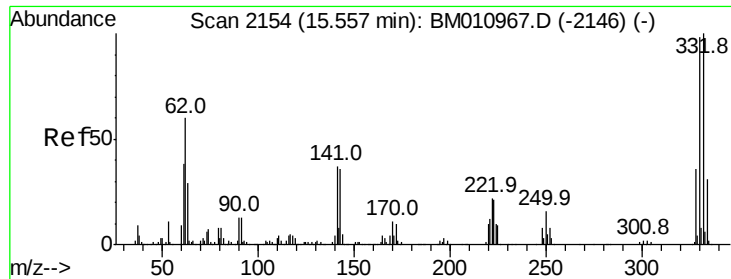


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.09 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Tgt Ion:164 Resp: 213677

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	44.3	35.8	53.6

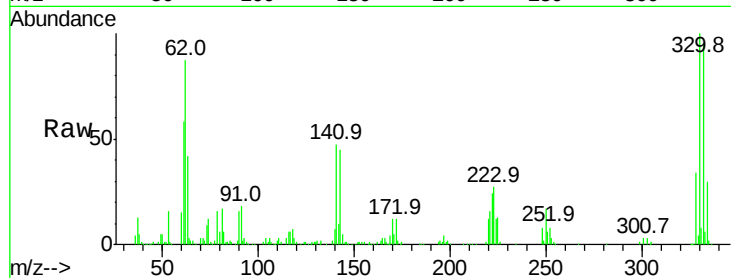




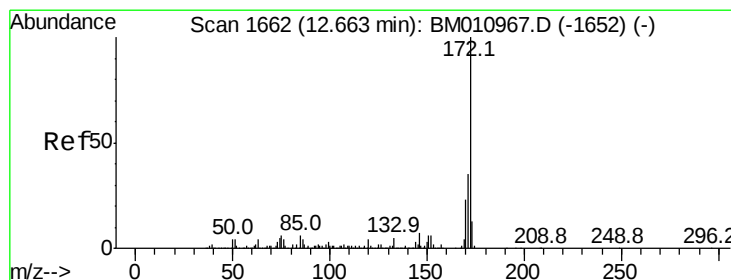
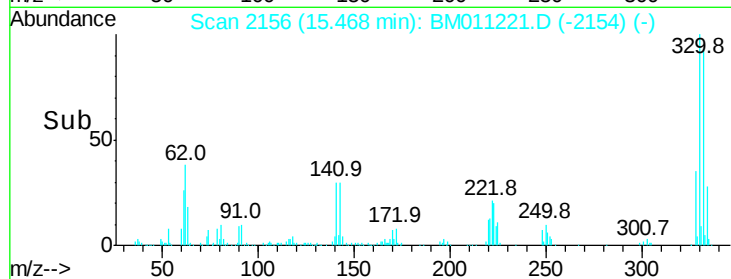
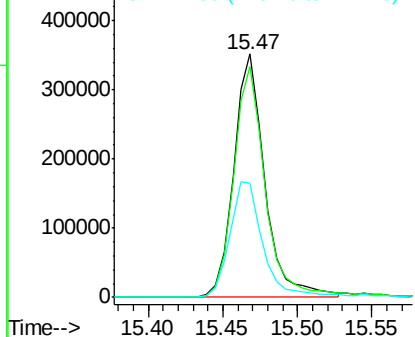
#41
 2,4,6-Tribromophenol
 Concen: 149.500 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Tot Ion:330 Resp: 512007
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 50.5 0.0 0.0#

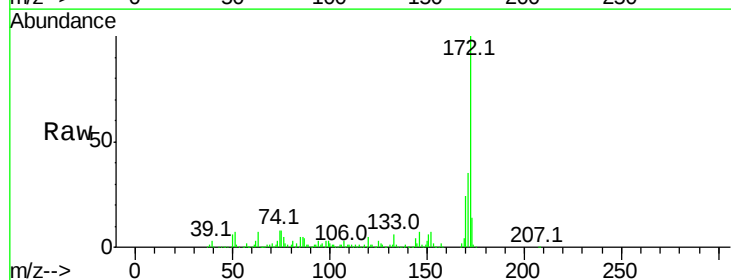


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

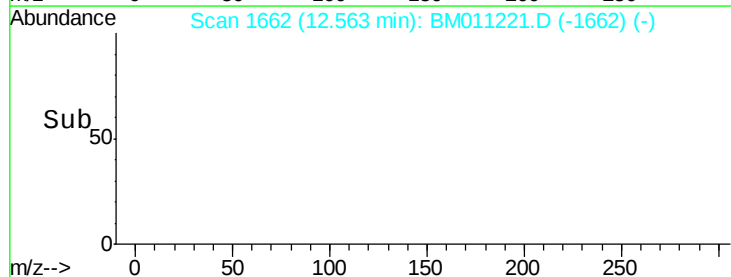
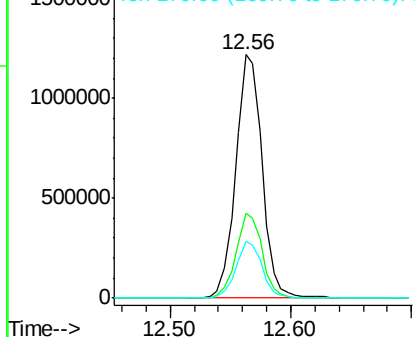


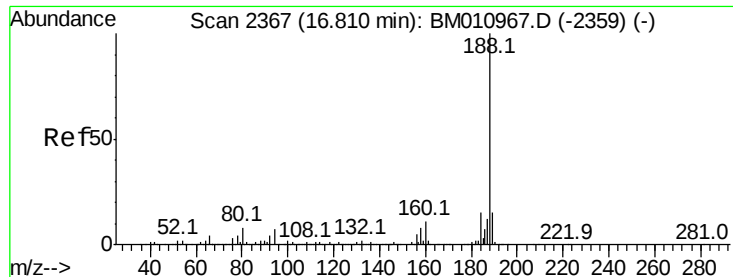
#44
 2-Fluorobiphenyl
 Concen: 109.015 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Tgt Ion:172 Resp: 1857369
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.6 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

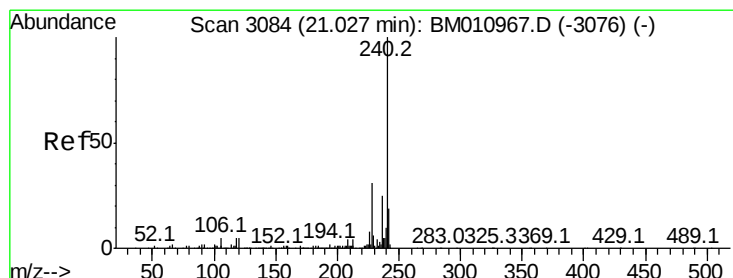
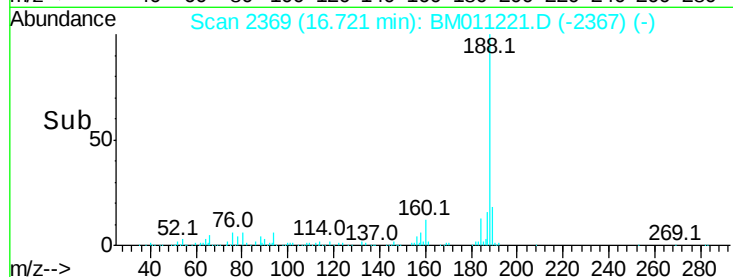
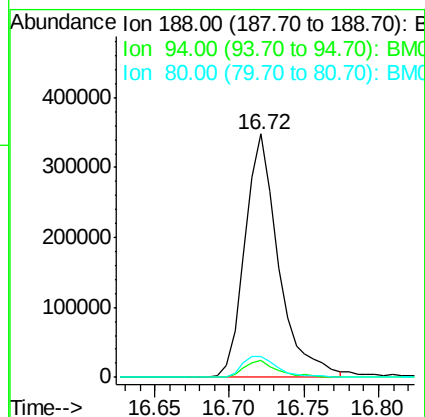
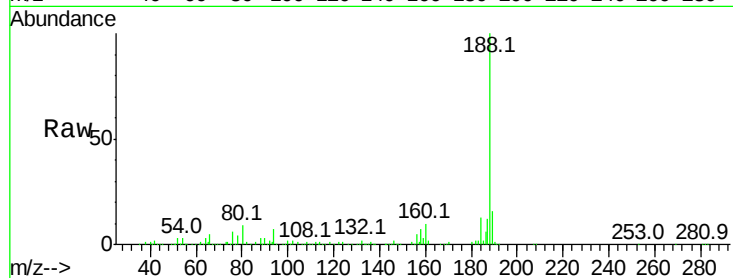




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011221.D
Acq: 12 Aug 2017 16:09

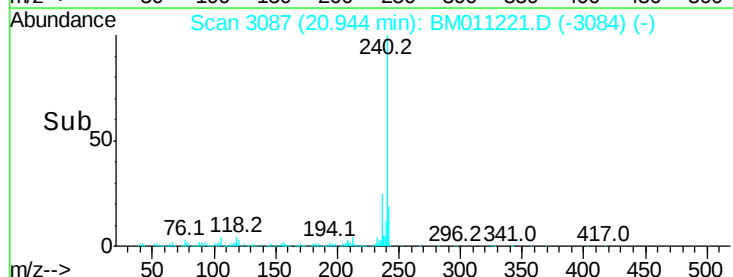
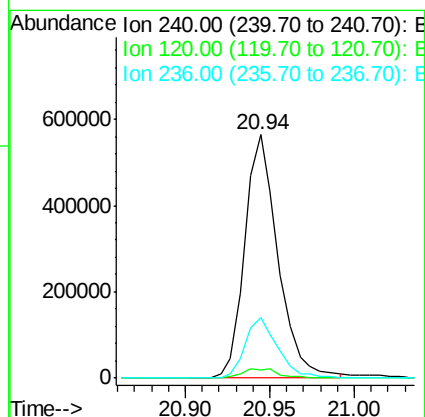
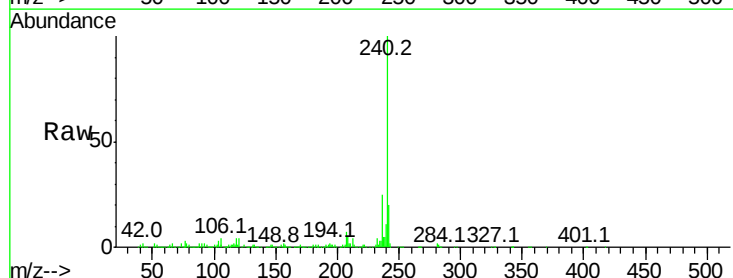
Instrument :
BNA_M
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SP-A-COMP

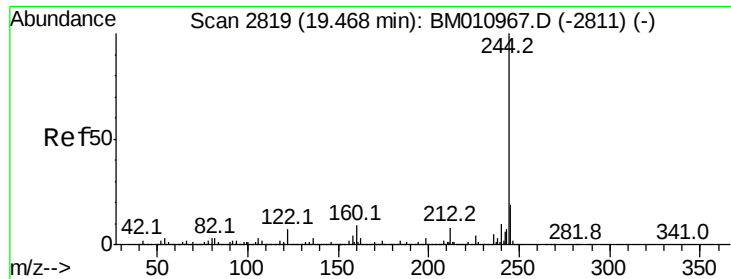
Tot Ion:188 Resp: 545040
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011221.D
Acq: 12 Aug 2017 16:09

Tgt Ion:240 Resp: 773810
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 25.0 20.0 30.0

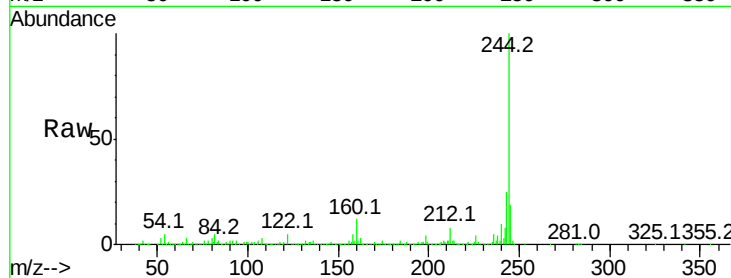




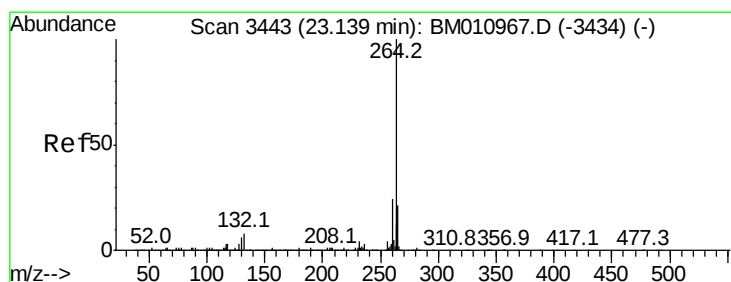
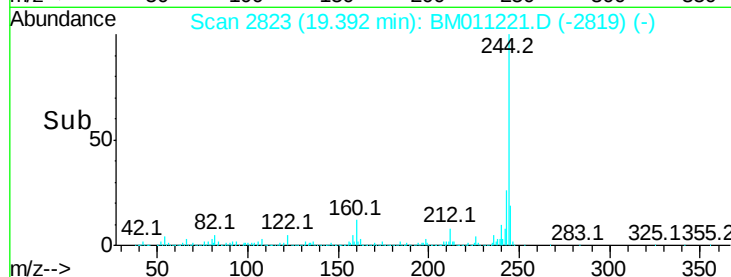
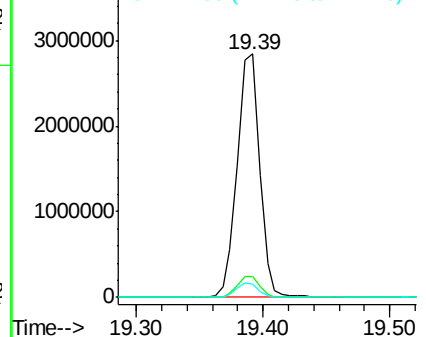
#78
 Terphenyl-d14
 Concen: 89.003 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.08 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Instrument :
 BNA_M
 ClientSampleId :
 SP-A-COMP

Tot Ion:244 Resp: 3476811
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.9 7.3#
 122 5.5 6.2 9.4#

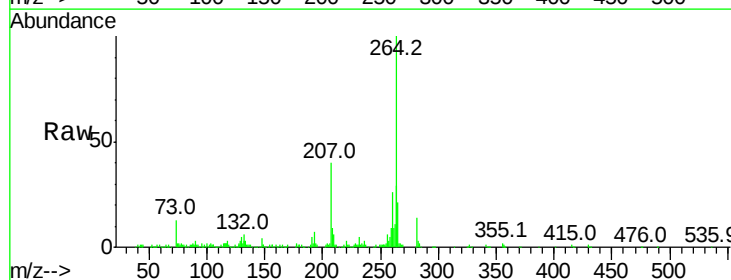


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011221.D
 Acq: 12 Aug 2017 16:09

Tgt Ion:264 Resp: 427332
 Ion Ratio Lower Upper
 264 100
 260 26.3 18.6 27.8
 265 20.5 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

