

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011336.D
 Acq On : 22 Aug 2017 20:35
 Operator : SJ/JU
 Sample : I4900-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 220-1-STONE

Quant Time: Aug 23 03:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	109998	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	378438	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	257715	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	700852	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1113531	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1167585	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	902598	138.71	ng	-0.02
7) Phenol-d6	6.48	99	1167663	126.30	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1287040	127.64	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	558928	135.31	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1978888	96.30	ng	-0.02
78) Terphenyl-d14	19.37	244	4158303	73.97	ng	-0.02

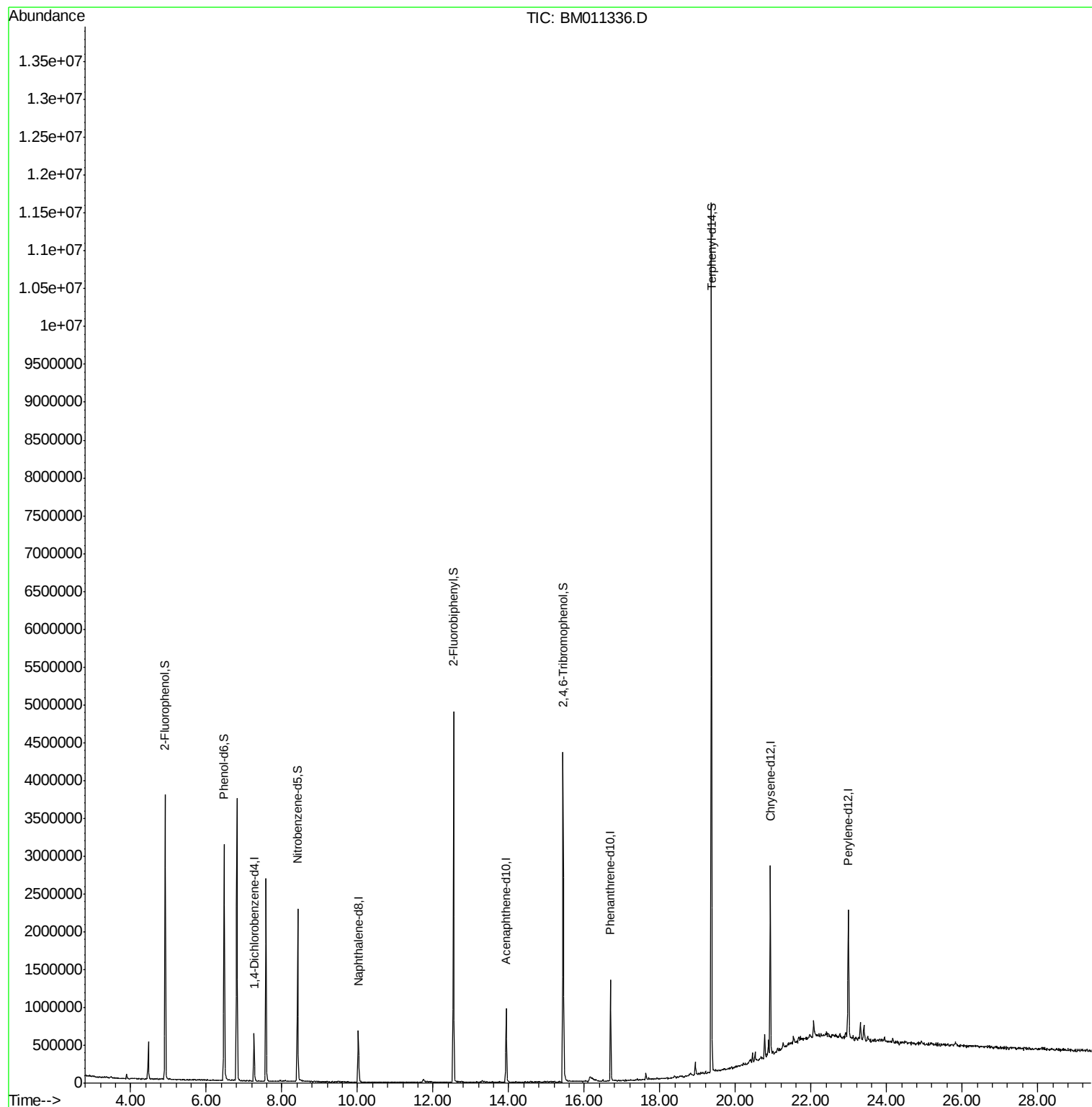
Target Compounds Qvalue

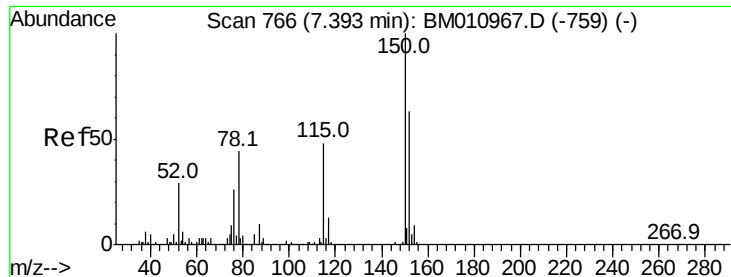
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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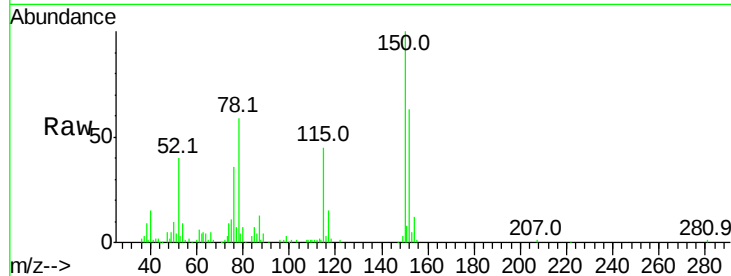


#1

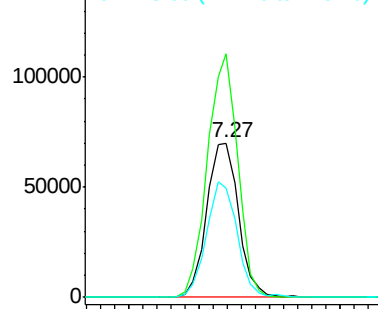
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011336.D
Acq: 22 Aug 2017 20:35

Instrument :
BNA_M
ClientSampleId :
220-1-STONE

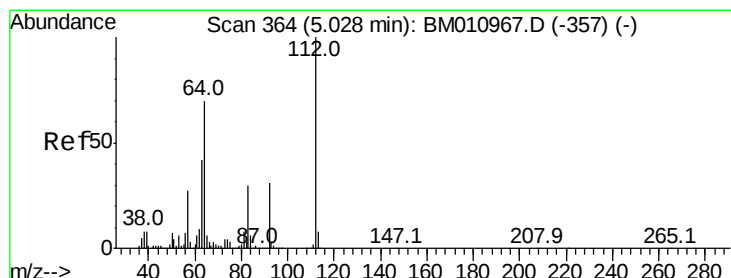
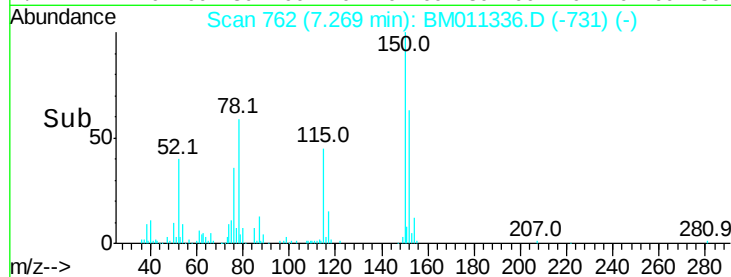
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	71.1	43.0	64.4#



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



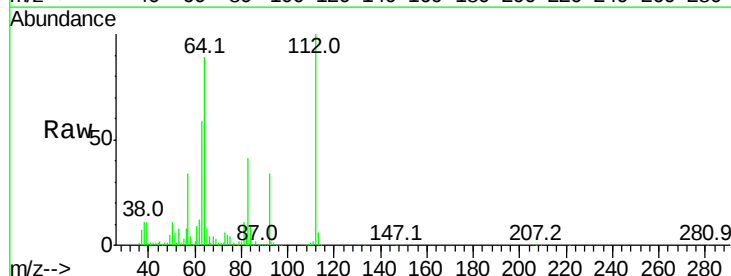
Time-->



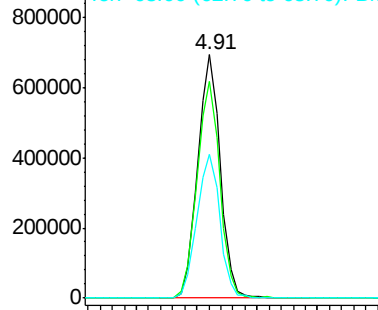
#5

2-Fluorophenol
Concen: 138.710 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011336.D
Acq: 22 Aug 2017 20:35

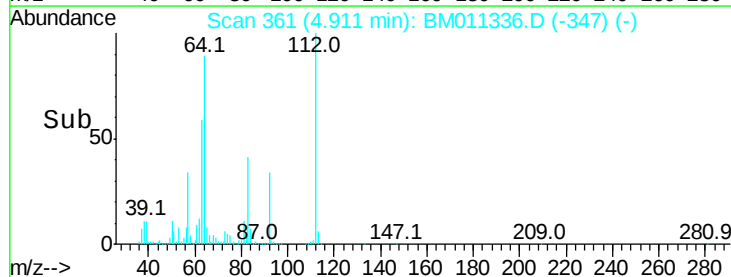
Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.1	38.6	57.8#
63	59.2	19.3	28.9#

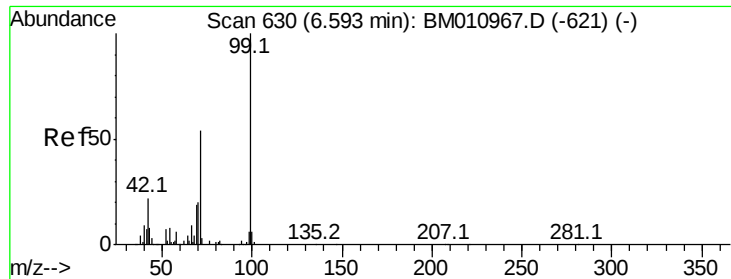


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 126.297 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011336.D

Acq: 22 Aug 2017 20:35

Instrument :

BNA_M

ClientSampleId :

220-1-STONE

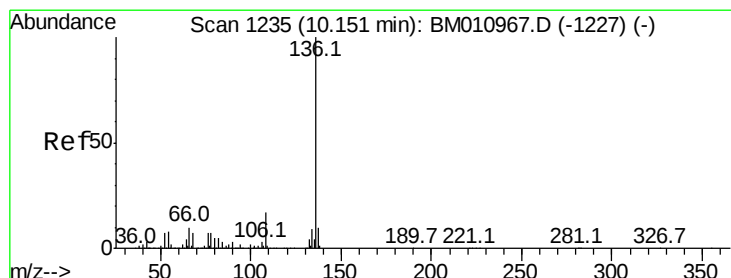
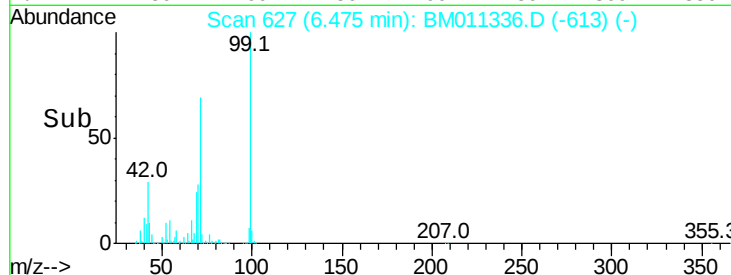
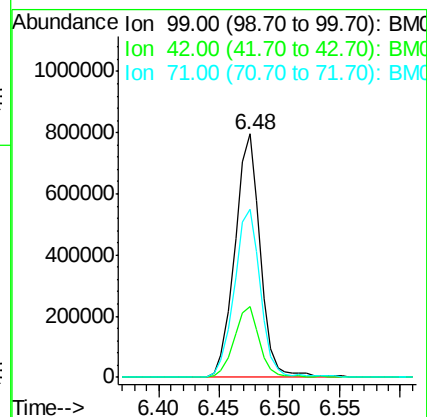
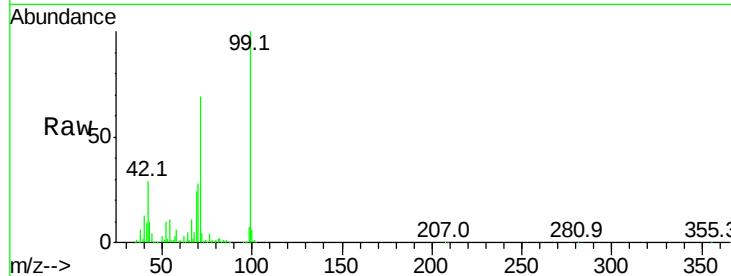
Tot Ion: 99 Resp: 1167663

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

71 69.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011336.D

Acq: 22 Aug 2017 20:35

Tgt Ion: 136 Resp: 378438

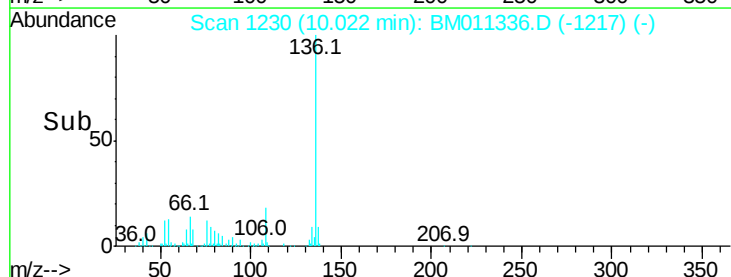
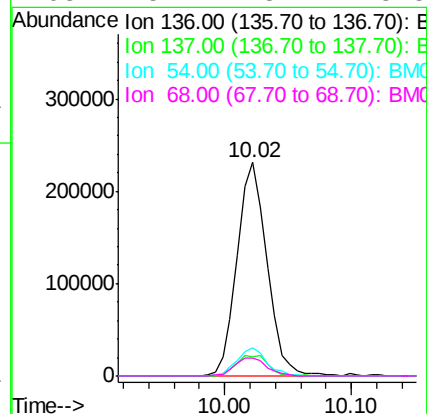
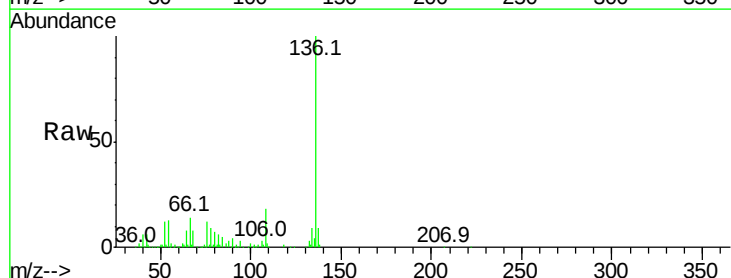
Ion Ratio Lower Upper

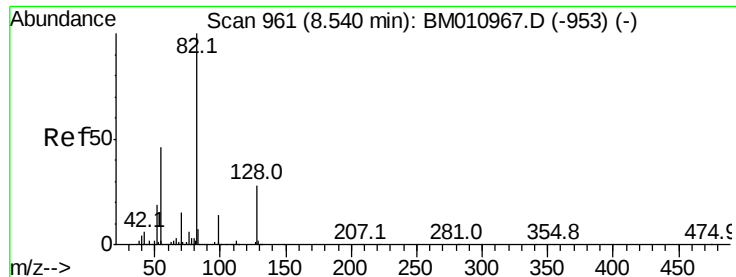
136 100

137 8.8 8.7 13.1

54 13.1 4.6 6.8#

68 8.4 3.7 5.5#

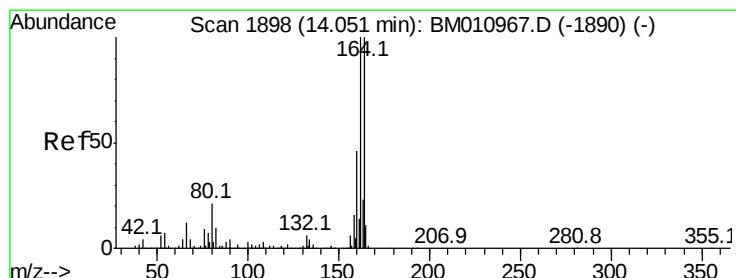
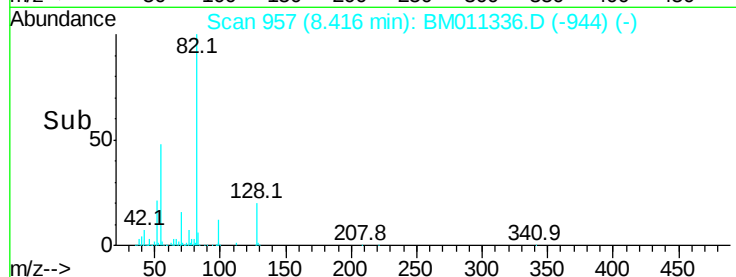
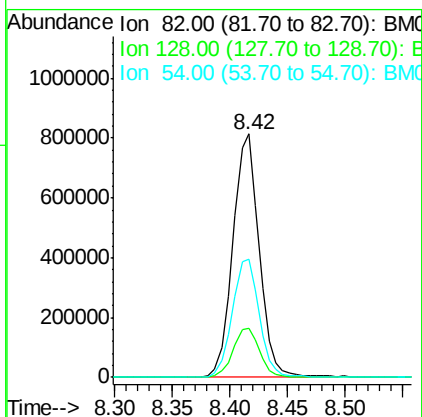
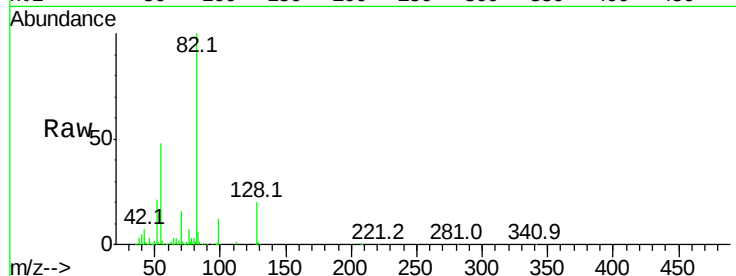




#23
 Nitrobenzene-d5
 Concen: 127.642 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

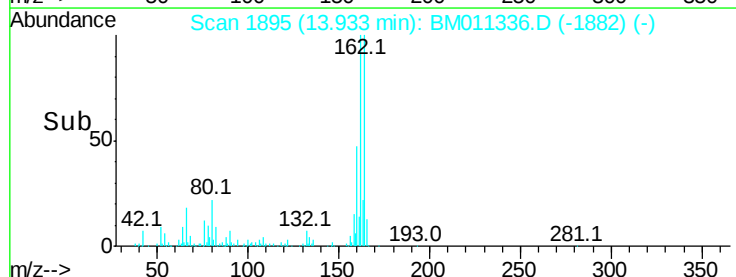
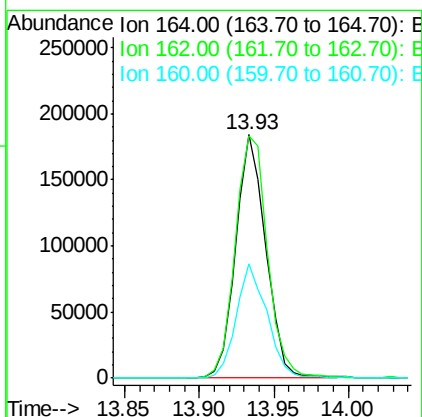
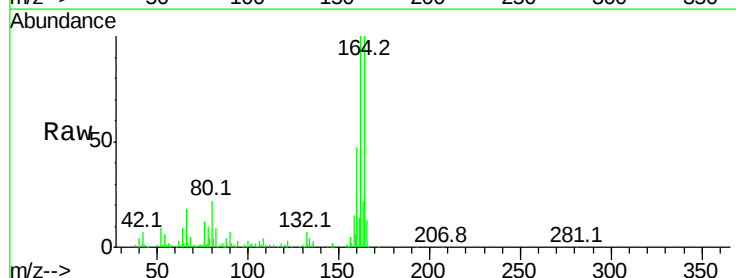
Instrument :
 BNA_M
 ClientSampled :
 220-1-STONE

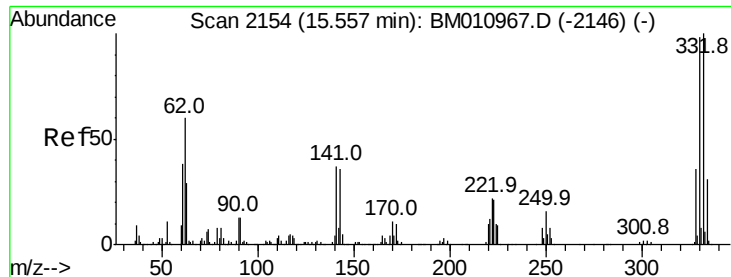
Tot Ion: 82 Resp: 1287040
 Ion Ratio Lower Upper
 82 100
 128 20.2 32.8 49.2#
 54 48.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

Tgt Ion:164 Resp: 257715
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.4 123.6
 160 47.0 35.8 53.6

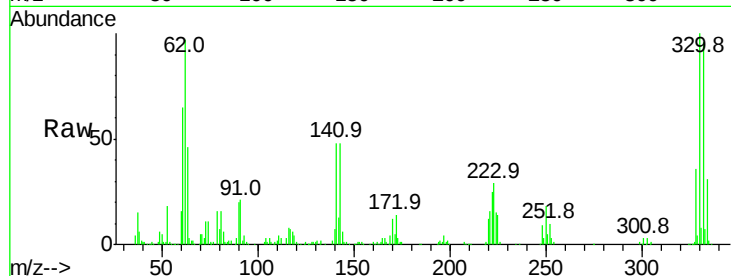




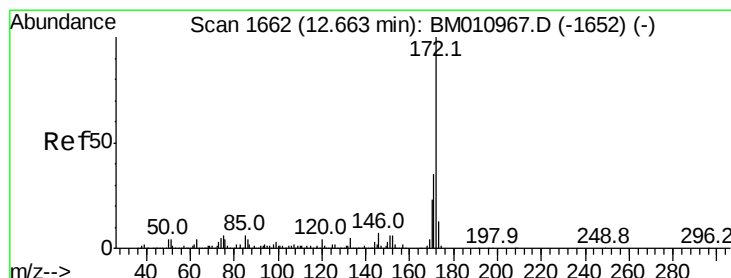
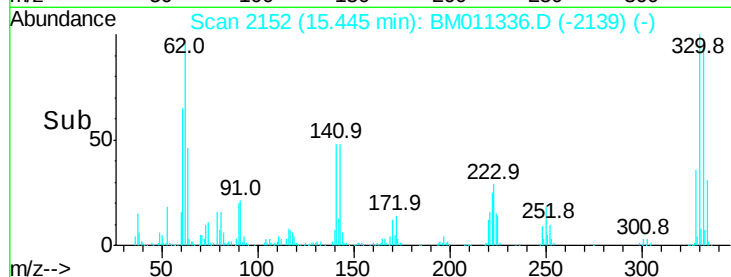
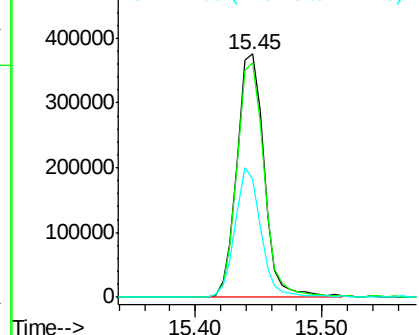
#41
 2,4,6-Tribromophenol
 Concen: 135.313 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

Instrument :
 BNA_M
 ClientSampleId :
 220-1-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	50.3	0.0	0.0#

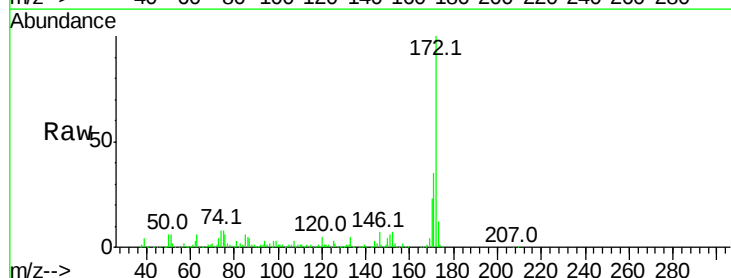


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

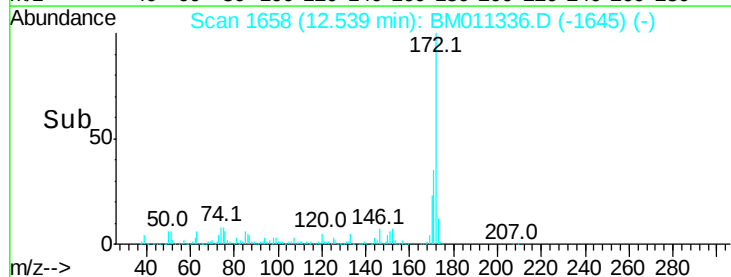
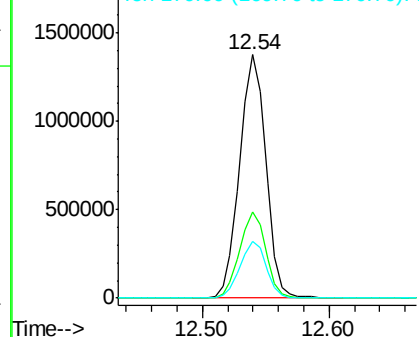


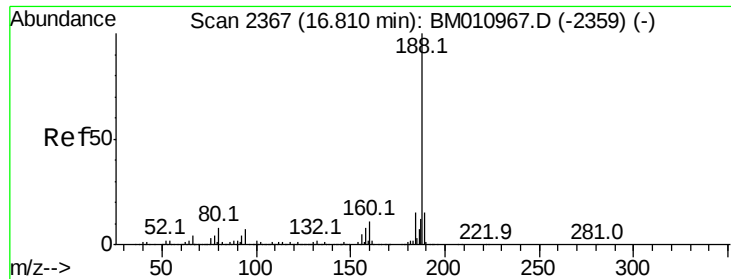
#44
 2-Fluorobiphenyl
 Concen: 96.300 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.4	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

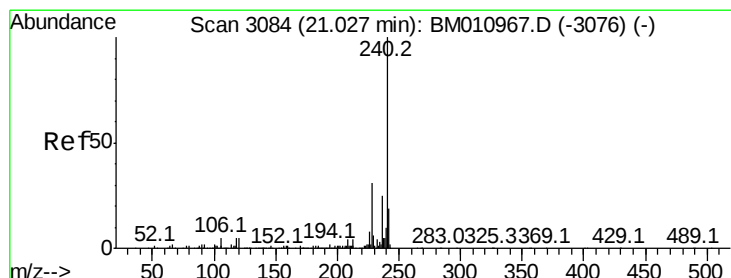
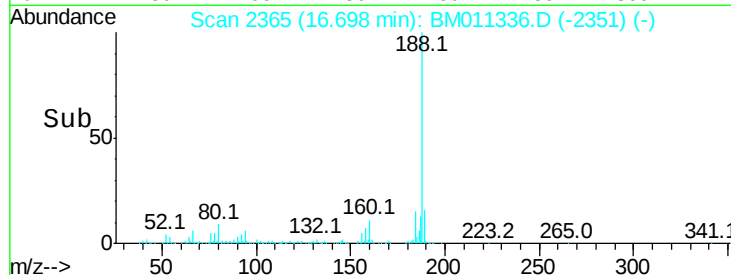
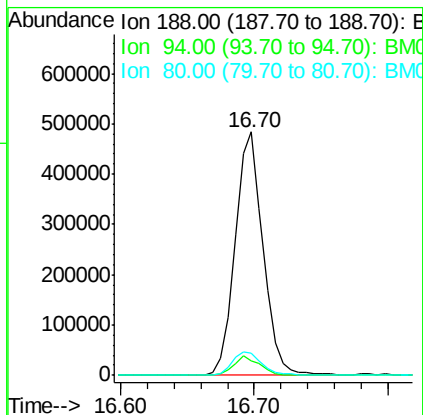
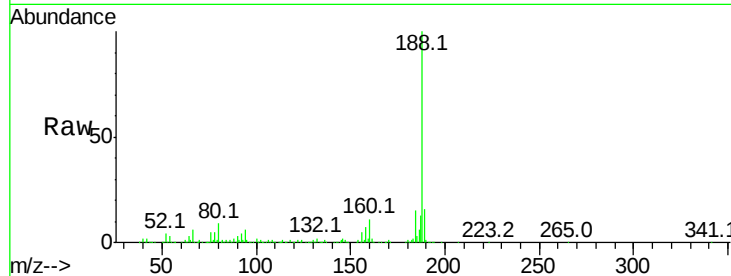




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011336.D
Acq: 22 Aug 2017 20:35

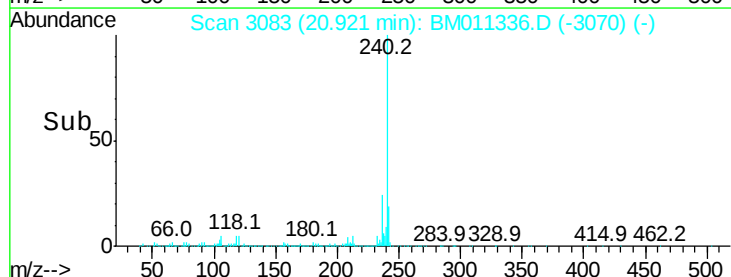
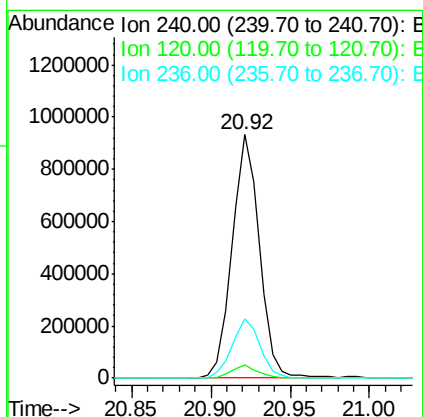
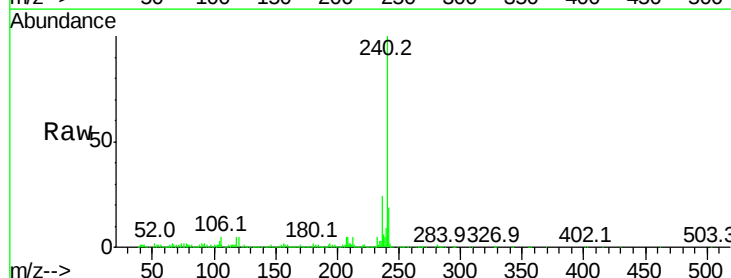
Instrument :
BNA_M
ClientSampleId :
220-1-STONE

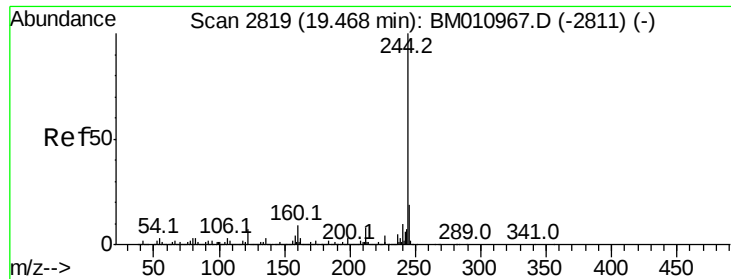
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	8.9	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011336.D
Acq: 22 Aug 2017 20:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	24.4	20.0	30.0



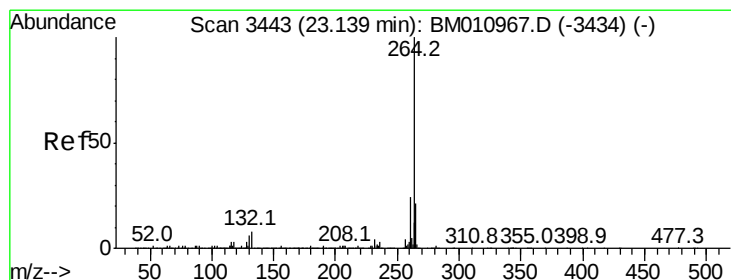
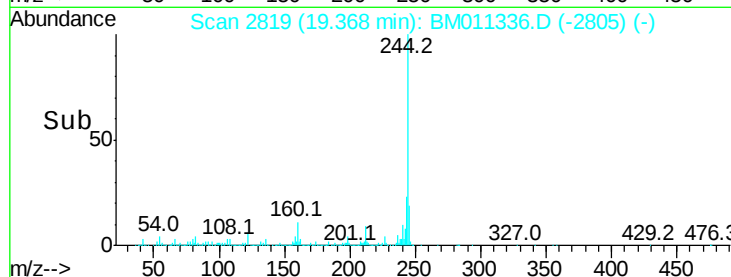
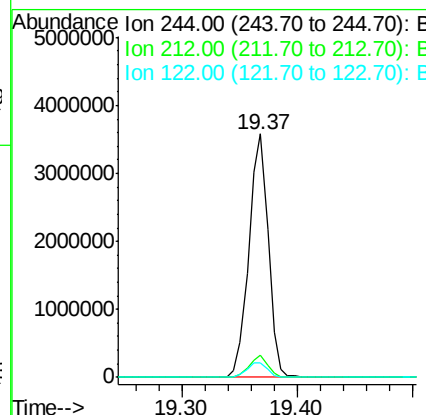
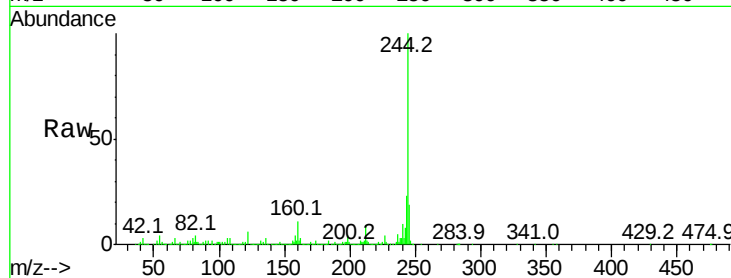


#78
 Terphenyl-d14
 Concen: 73.972 ng
 RT: 19.37 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

Instrument :
 BNA_M
 ClientSampleId :
 220-1-STONE

Tot Ion:244 Resp: 4158303

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	5.8	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 22.99 min Scan# 3435
 Delta R.T. -0.03 min
 Lab File: BM011336.D
 Acq: 22 Aug 2017 20:35

Tgt Ion:264 Resp: 1167585

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	19.8	17.3	25.9

