

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011133.D
 Acq On : 05 Aug 2017 00:37
 Operator : SJ/JU
 Sample : I4555-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2013

Quant Time: Aug 05 03:23:03 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	7.32	152	134814	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	439151	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	395859	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	885151	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1273032	20.00	ng	-0.06
86) Perylene-d12	23.06	264	1171455	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	984434	123.44	ng	-0.07
7) Phenol-d6	6.52	99	1149468	101.44	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1001538	85.60	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	855108	134.77	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2292684	72.64	ng	-0.07
78) Terphenyl-d14	19.41	244	5087132	79.16	ng	-0.06

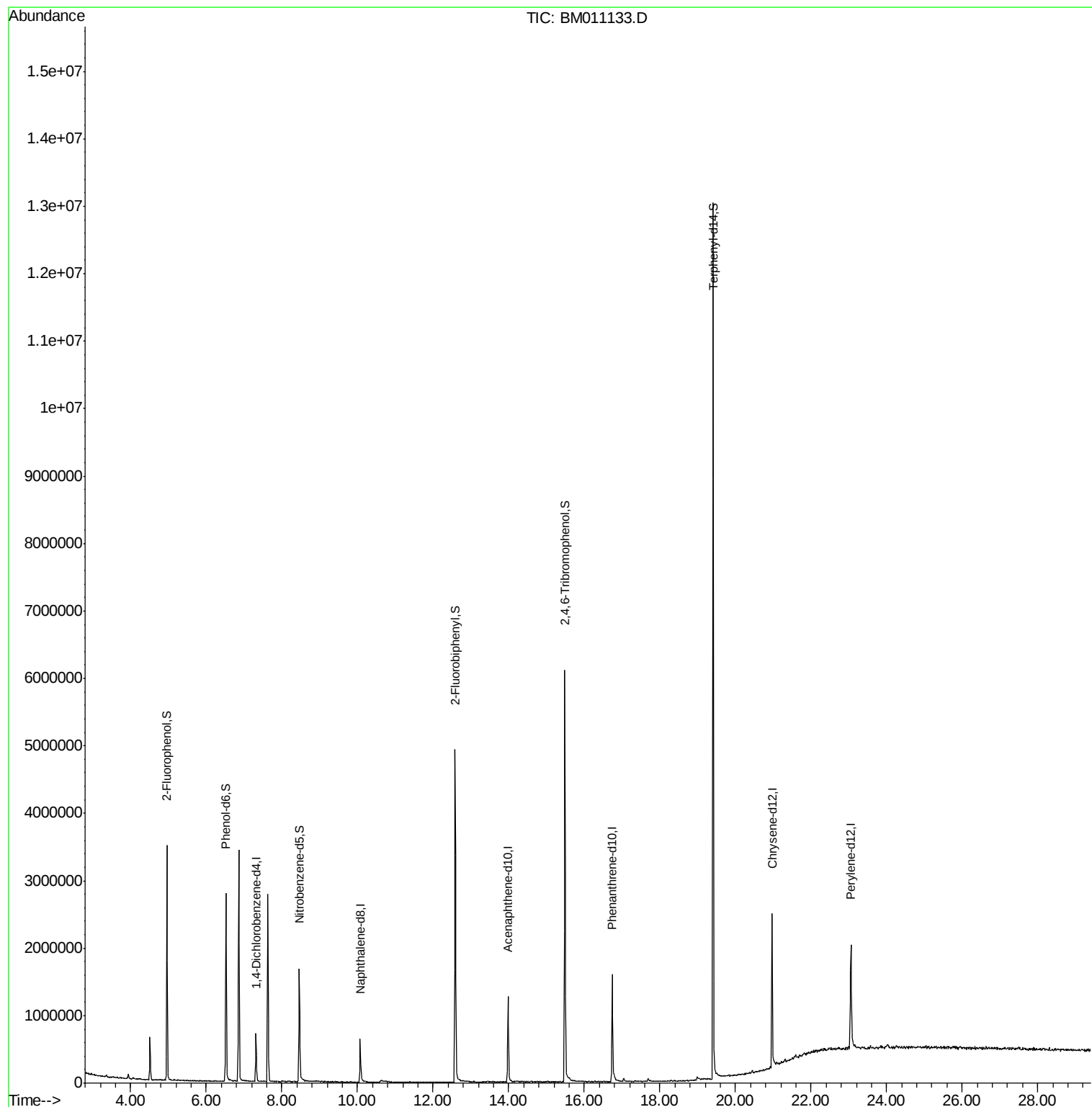
Target Compounds Qvalue

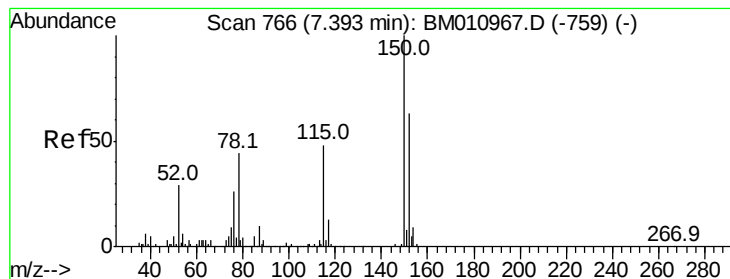
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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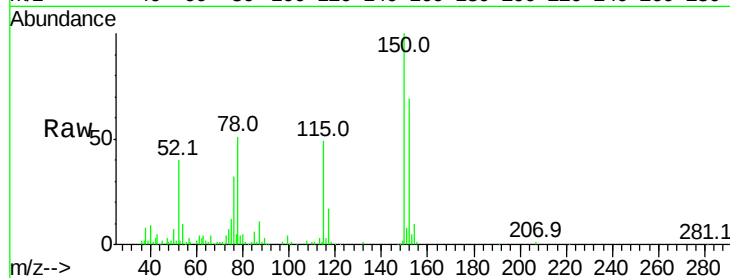


#1

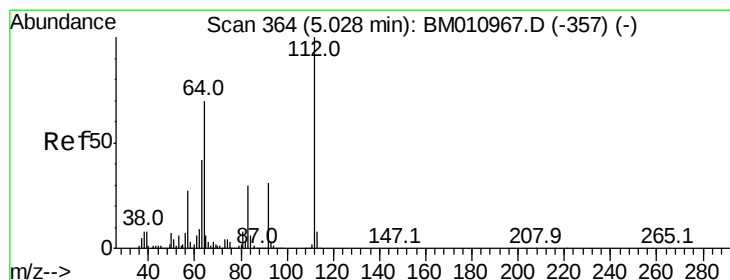
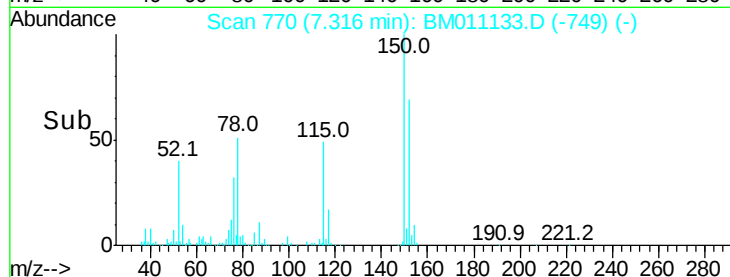
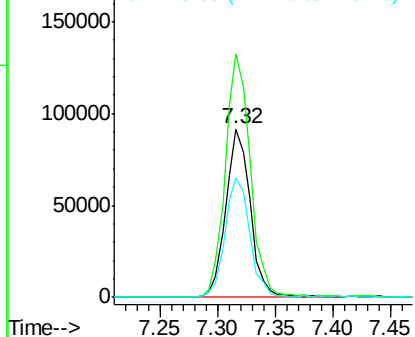
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011133.D
Acq: 05 Aug 2017 00:37

Instrument :
BNA_M
ClientSampleId :
2013

Tot Ion:152 Resp: 134814
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 70.6 43.0 64.4#



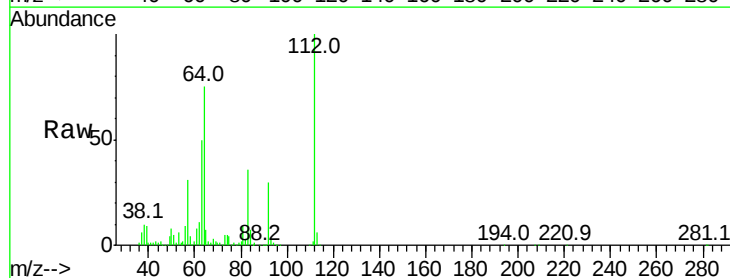
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



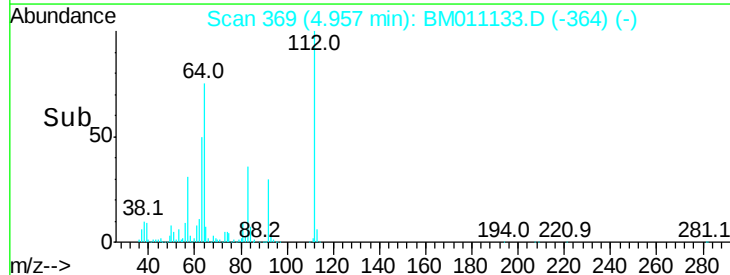
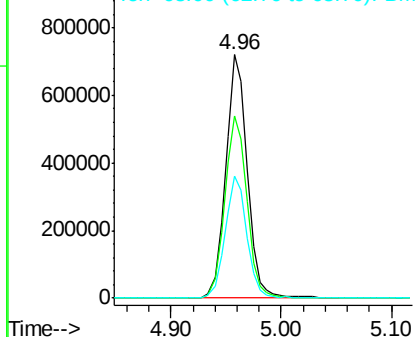
#5

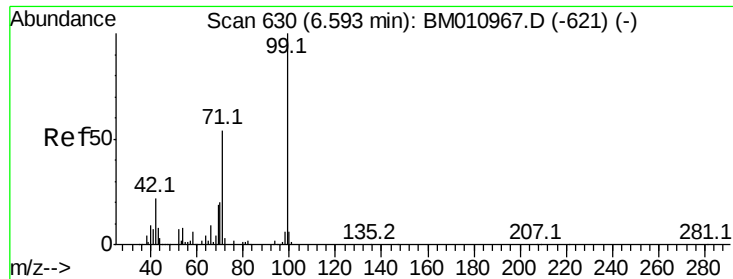
2-Fluorophenol
Concen: 123.439 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011133.D
Acq: 05 Aug 2017 00:37

Tgt Ion:112 Resp: 984434
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 50.1 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: 101.443 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011133.D

Acq: 05 Aug 2017 00:37

Instrument :

BNA_M

ClientSampled :

2013

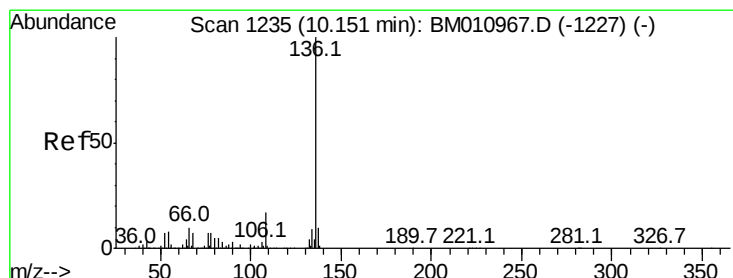
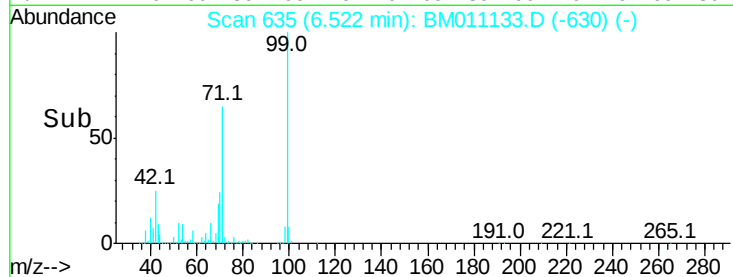
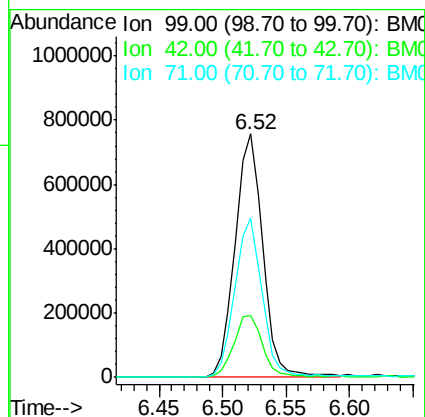
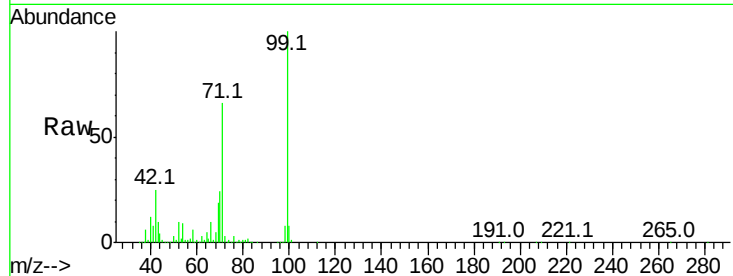
Tot Ion: 99 Resp: 1149468

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

71 65.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011133.D

Acq: 05 Aug 2017 00:37

Tgt Ion: 136 Resp: 439151

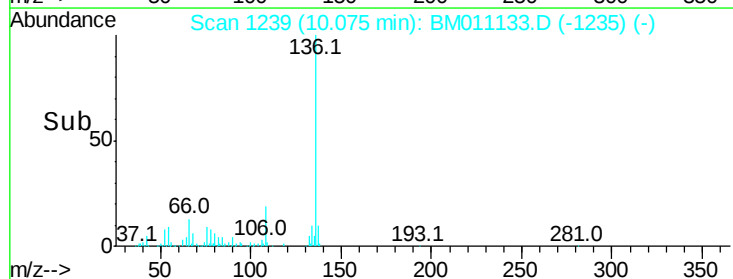
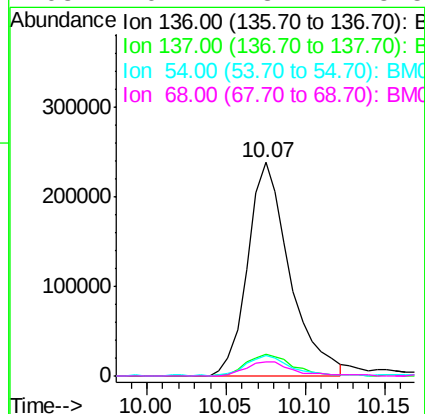
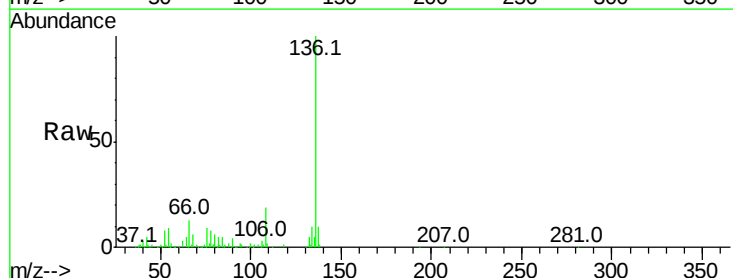
Ion Ratio Lower Upper

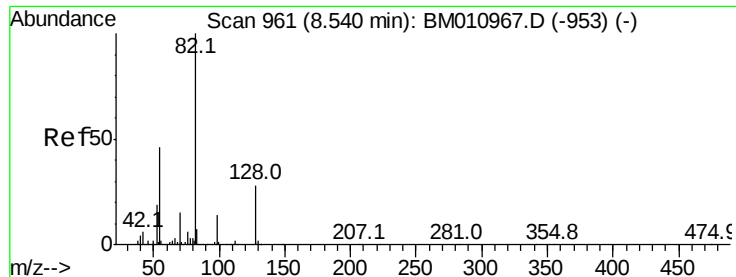
136 100

137 10.1 8.7 13.1

54 9.4 4.6 6.8#

68 6.4 3.7 5.5#

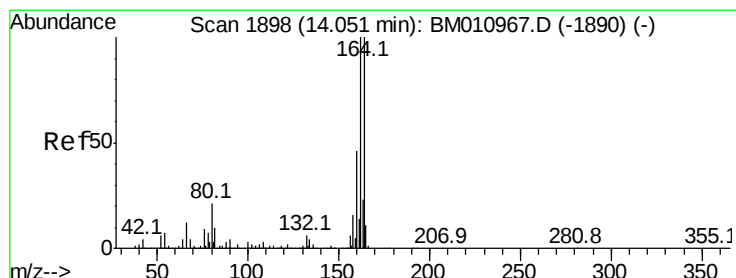
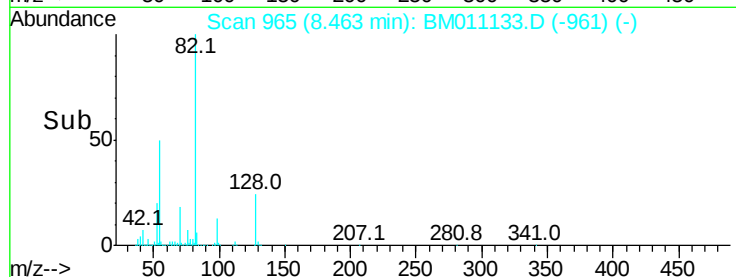
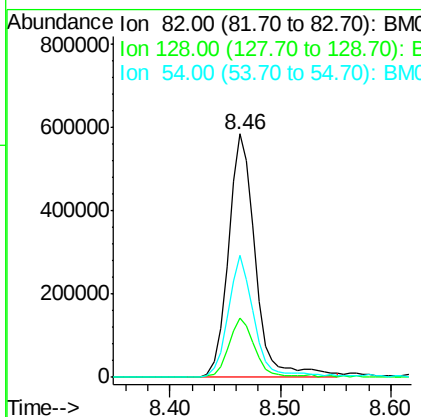
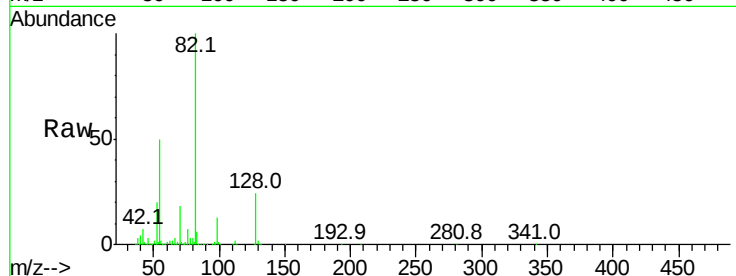




#23
 Nitrobenzene-d5
 Concen: 85.595 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011133.D
 Acq: 05 Aug 2017 00:37

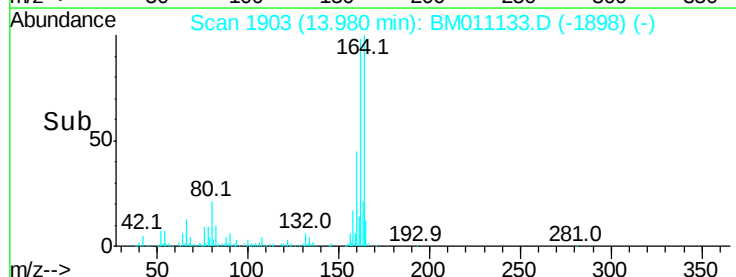
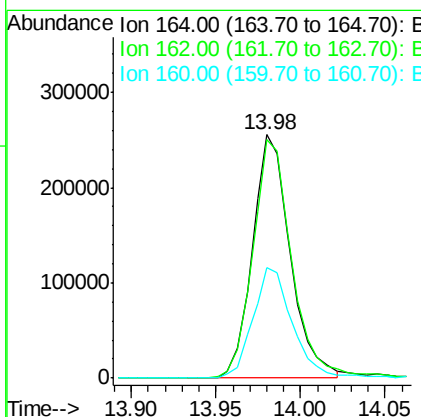
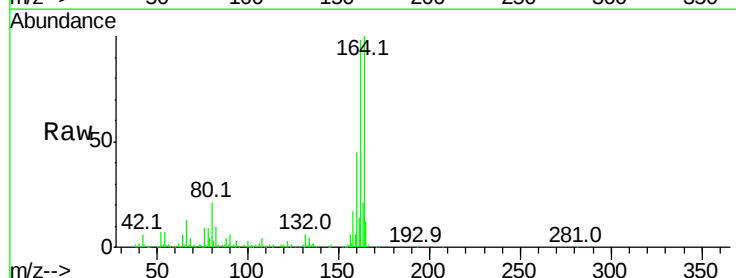
Instrument :
 BNA_M
 ClientSampleId :
 2013

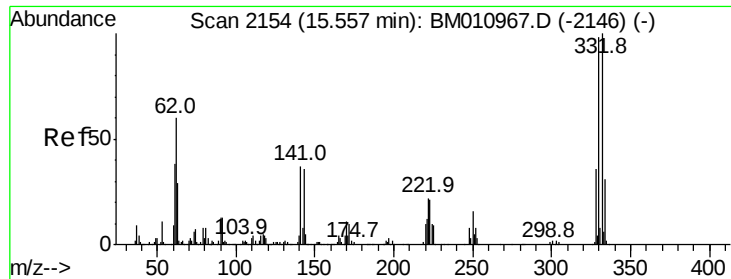
Tot Ion: 82 Resp: 1001538
 Ion Ratio Lower Upper
 82 100
 128 24.2 32.8 49.2#
 54 50.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011133.D
 Acq: 05 Aug 2017 00:37

Tgt Ion: 164 Resp: 395859
 Ion Ratio Lower Upper
 164 100
 162 97.9 82.4 123.6
 160 45.3 35.8 53.6

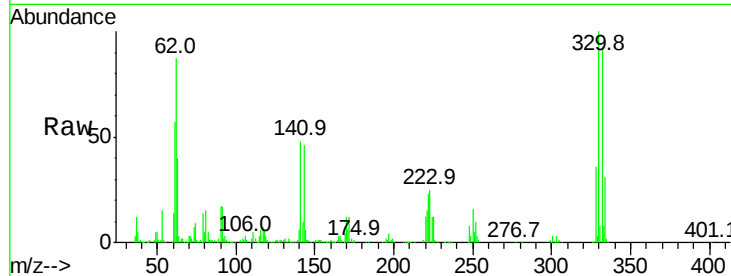




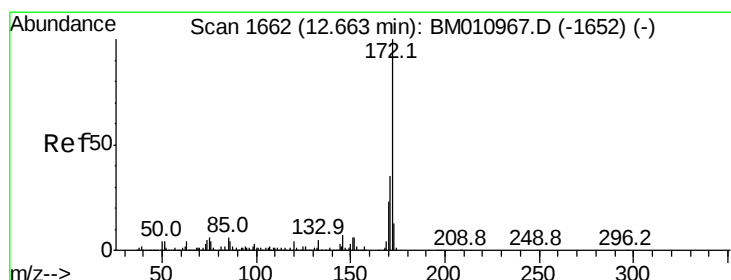
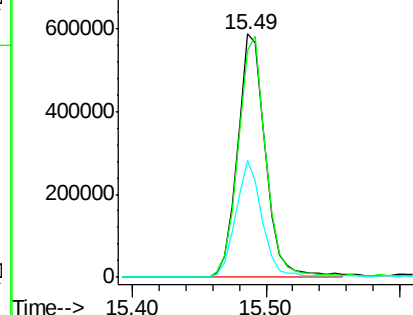
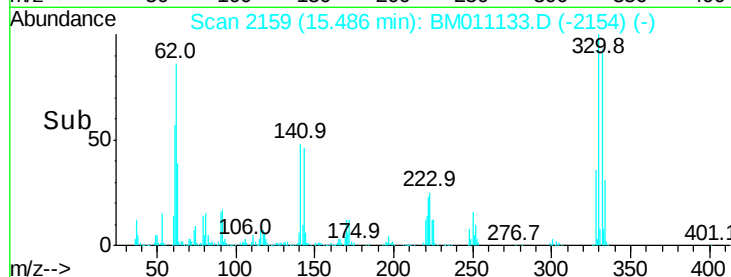
#41
 2,4,6-Tribromophenol
 Concen: 134.773 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011133.D
 Acq: 05 Aug 2017 00:37

Instrument :
 BNA_M
 ClientSampleId :
 2013

Tot Ion:330 Resp: 855108
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 45.7 0.0 0.0#

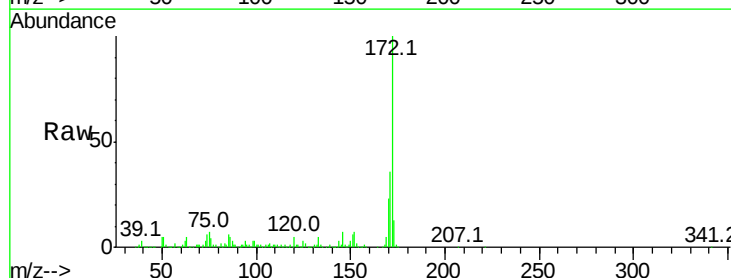


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

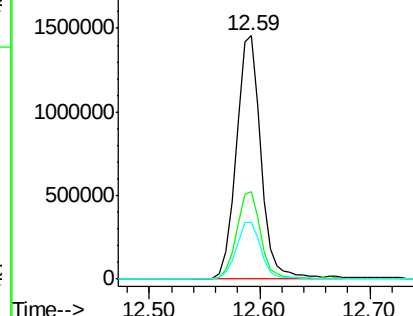
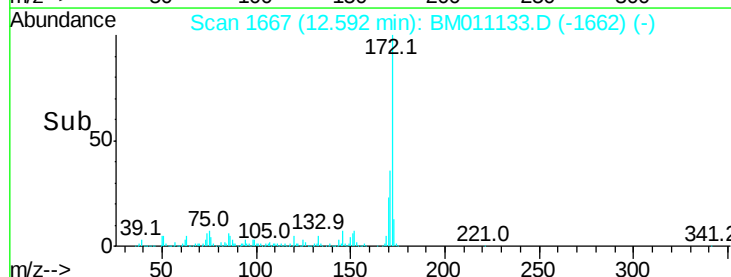


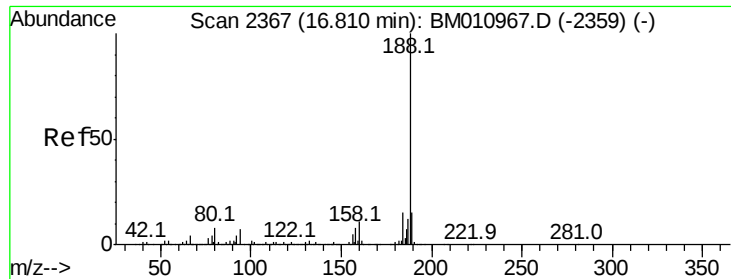
#44
 2-Fluorobiphenyl
 Concen: 72.635 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011133.D
 Acq: 05 Aug 2017 00:37

Tgt Ion:172 Resp: 2292684
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.3 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

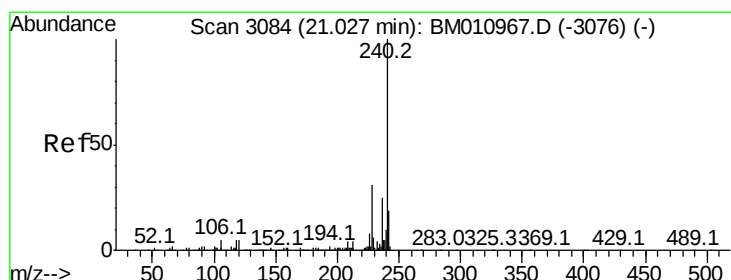
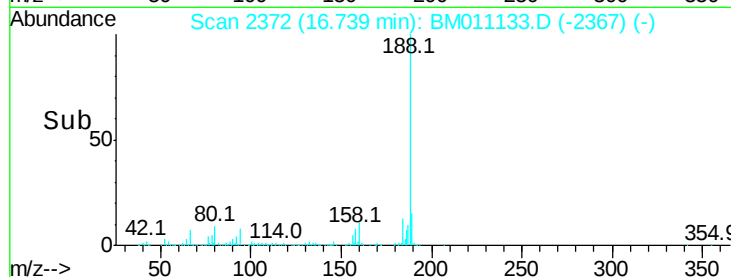
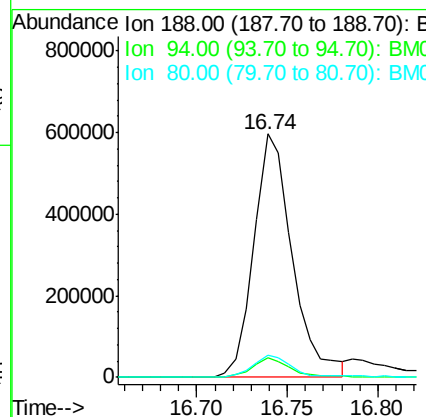
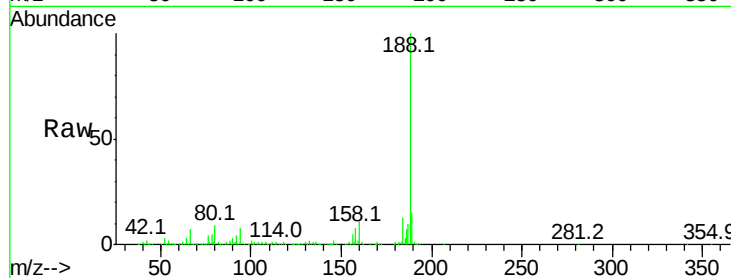




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011133.D
Acq: 05 Aug 2017 00:37

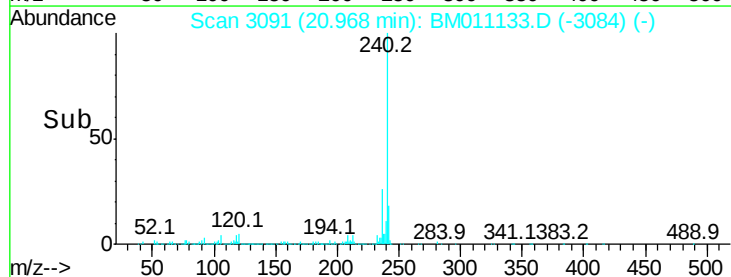
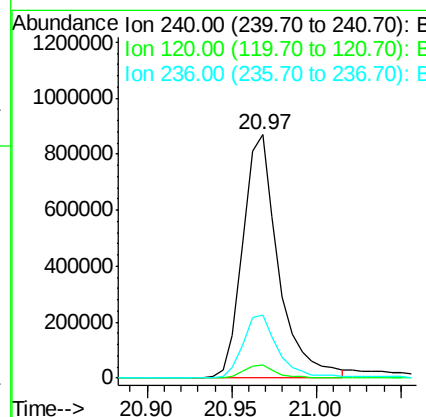
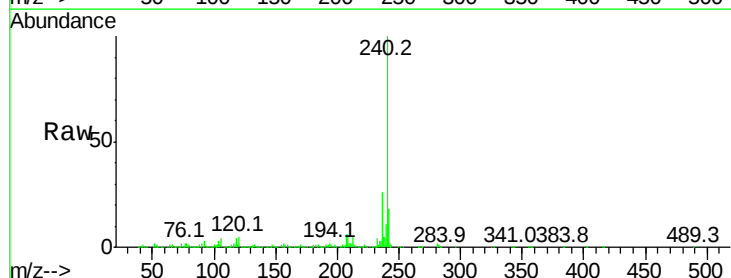
Instrument :
BNA_M
ClientSampleId :
2013

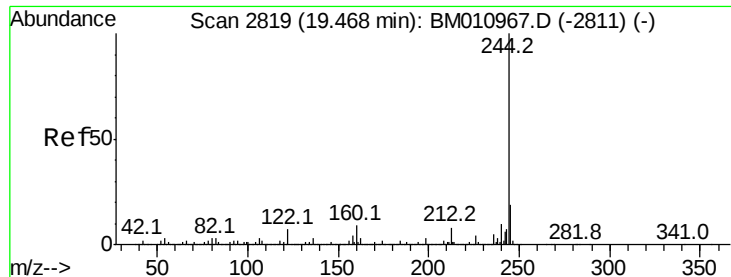
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.7	13.1#
80	9.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011133.D
Acq: 05 Aug 2017 00:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	25.7	20.0	30.0





#78

Terphenyl-d14

Concen: 79.157 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011133.D

Acq: 05 Aug 2017 00:37

Instrument :

BNA_M

ClientSampleId :

2013

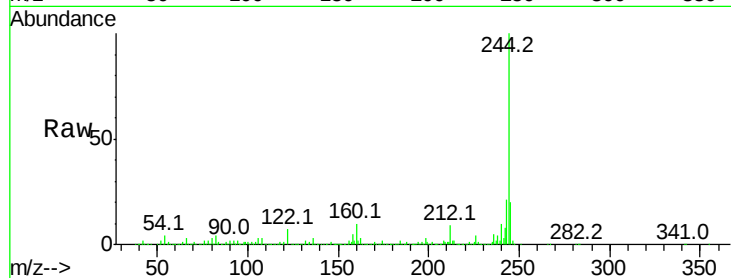
Tot Ion:244 Resp: 5087132

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

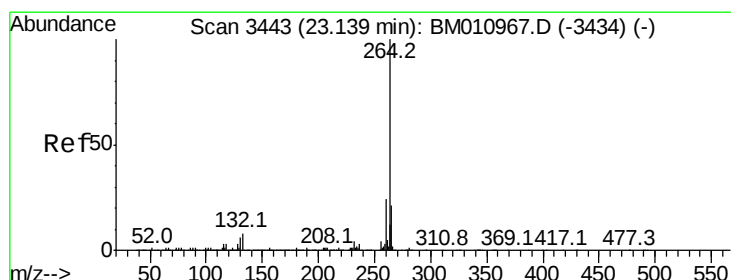
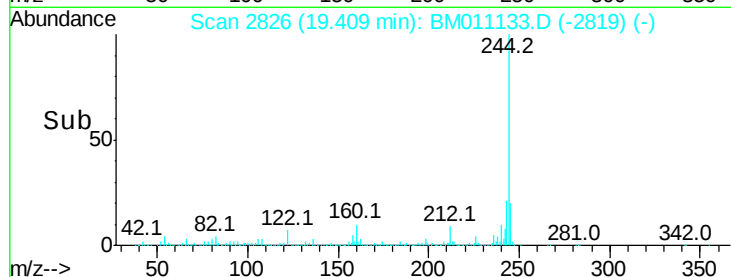
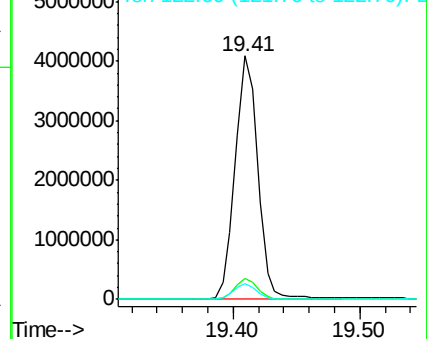
122 6.7 6.2 9.4



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: 23.06 min Scan# 3446

Delta R.T. -0.08 min

Lab File: BM011133.D

Acq: 05 Aug 2017 00:37

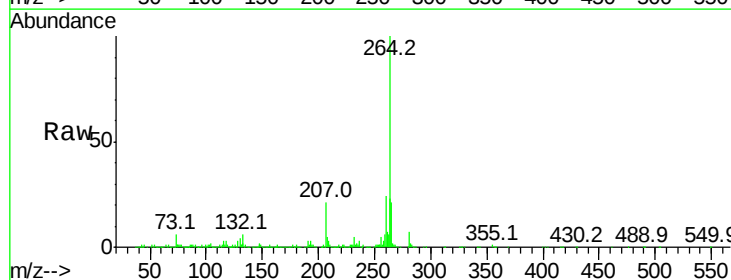
Tgt Ion:264 Resp: 1171455

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.9 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

