

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011113.D
 Acq On : 03 Aug 2017 06:42
 Operator : SJ/JU
 Sample : I4539-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5

Quant Time: Aug 03 13:45:34 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	7.38	152	165565	20.00	ng	-0.01
21) Naphthalene-d8	10.13	136	612873	20.00	ng	-0.02
38) Acenaphthene-d10	14.03	164	417210	20.00	ng	-0.02
63) Phenanthrene-d10	16.79	188	1062401	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1096838	20.00	ng	-0.01
86) Perylene-d12	23.12	264	1181806	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	982380	100.30	ng	0.00
7) Phenol-d6	6.57	99	1255974	90.26	ng	-0.02
23) Nitrobenzene-d5	8.53	82	1356902	83.10	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	760725	113.76	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	2540793	76.38	ng	-0.02
78) Terphenyl-d14	19.46	244	4016592	72.54	ng	-0.01

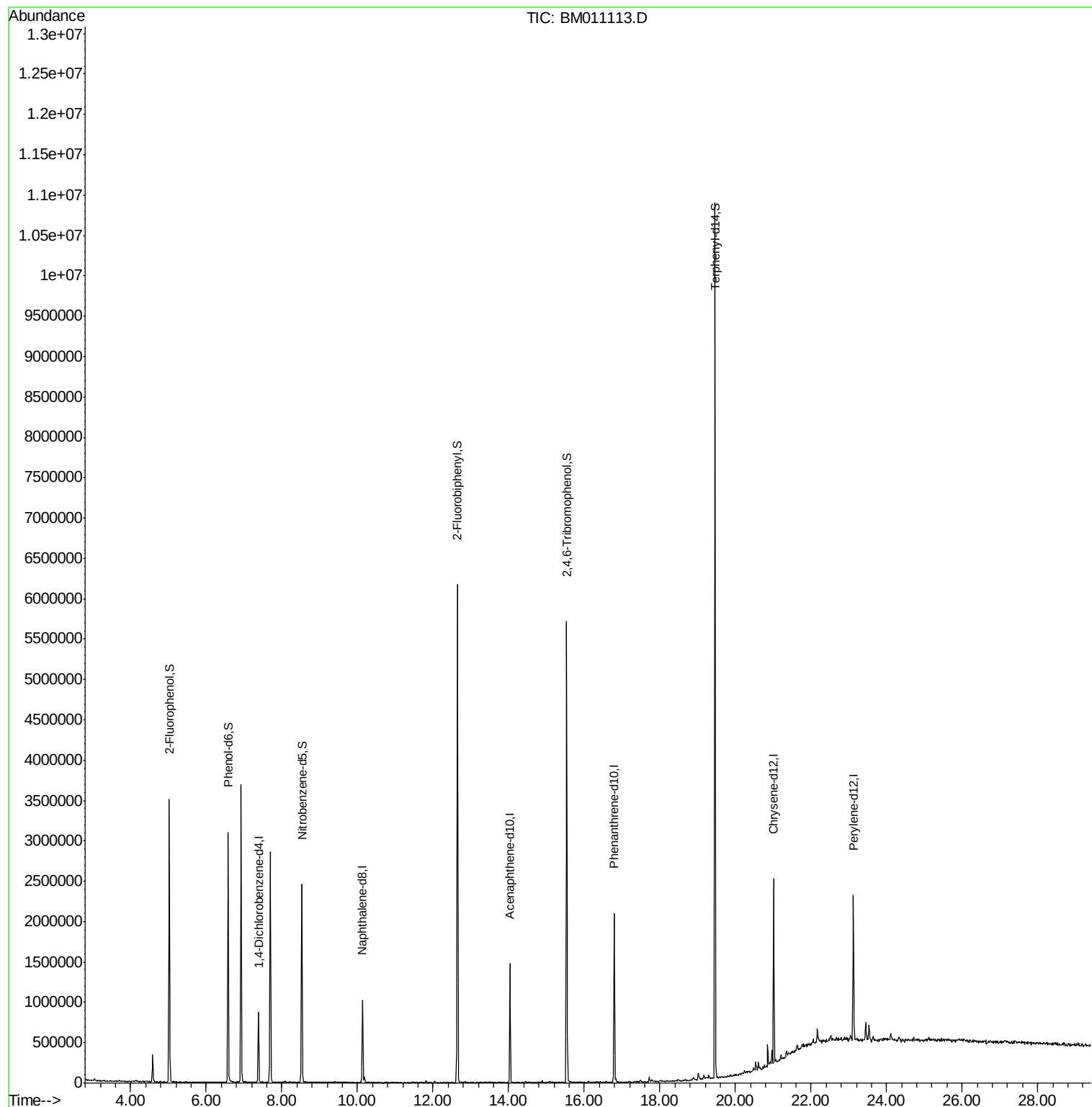
Target Compounds Qvalue

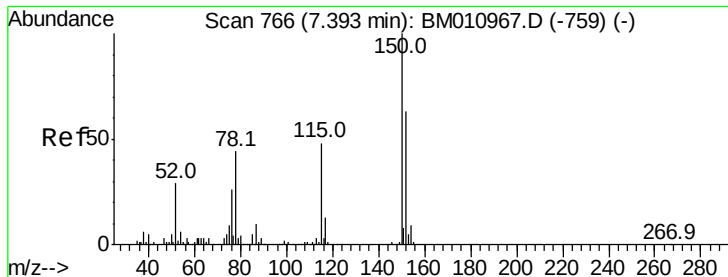
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011113.D
Acq On : 03 Aug 2017 06:42
Operator : SJ/JU
Sample : I4539-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-5

Quant Time: Aug 03 13:45:34 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



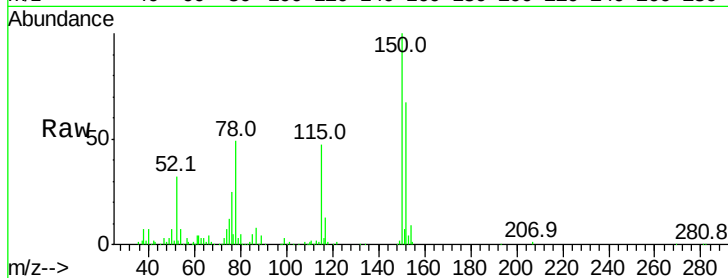


#1

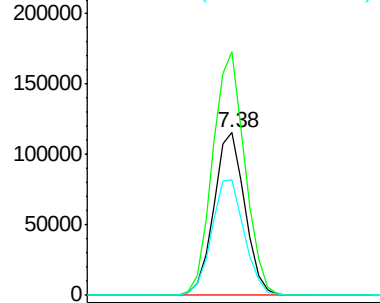
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011113.D
Acq: 03 Aug 2017 06:42

Instrument :
BNA_M
ClientSampleId :
TP-5

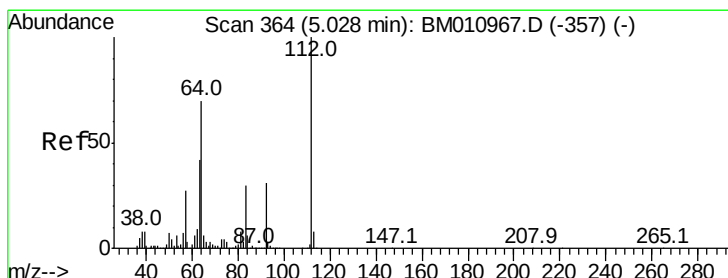
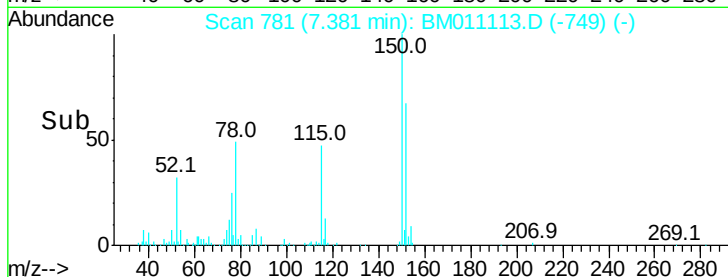
Tot Ion:152 Resp: 165565
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 71.0 43.0 64.4#



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



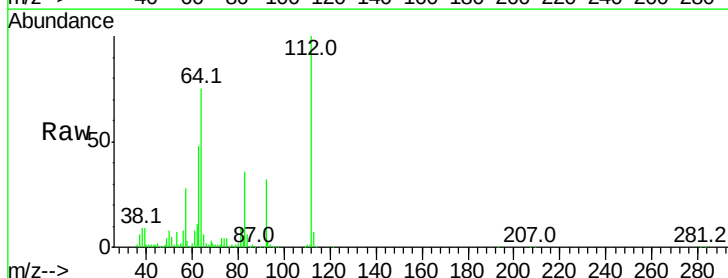
Time--> 7.30 7.35 7.40 7.45



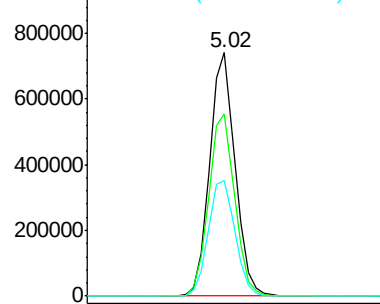
#5

2-Fluorophenol
Concen: 100.302 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011113.D
Acq: 03 Aug 2017 06:42

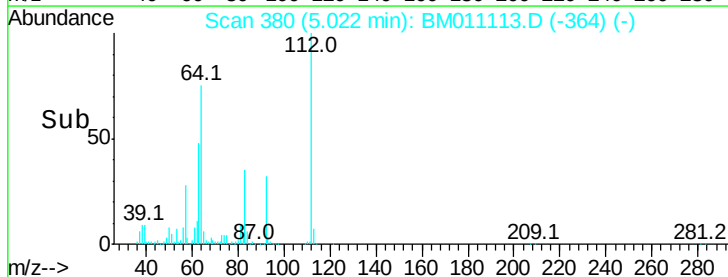
Tgt Ion:112 Resp: 982380
Ion Ratio Lower Upper
112 100
64 74.7 38.6 57.8#
63 47.7 19.3 28.9#

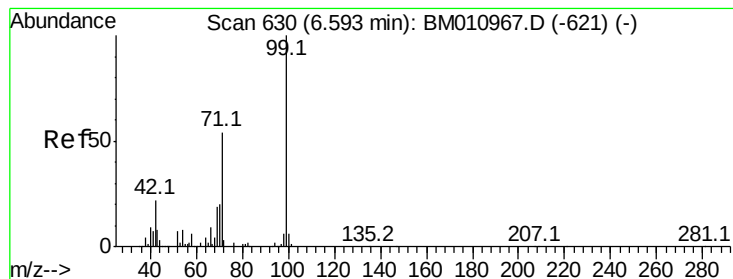


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time--> 4.95 5.00 5.05 5.10





#7

Phenol-d6

Concen: 90.256 ng

RT: 6.57 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM011113.D

Acq: 03 Aug 2017 06:42

Instrument :

BNA_M

ClientSampleId :

TP-5

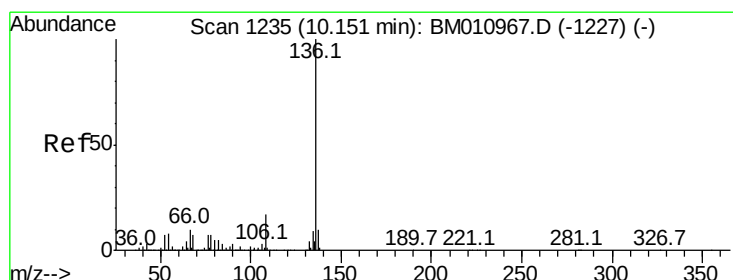
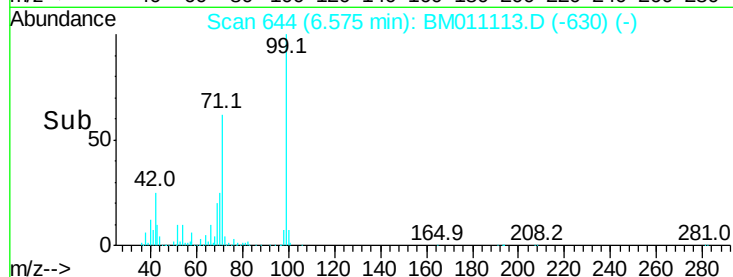
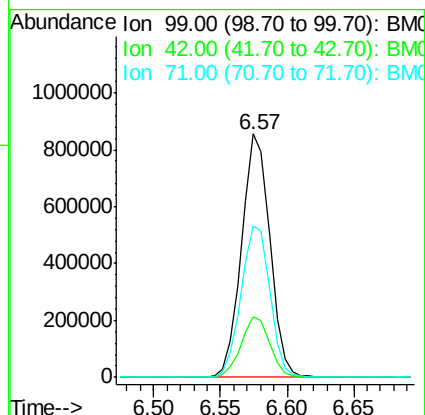
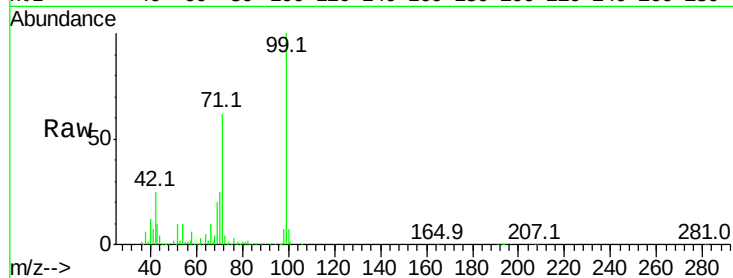
Tot Ion: 99 Resp: 1255974

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

71 62.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.13 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM011113.D

Acq: 03 Aug 2017 06:42

Tgt Ion: 136 Resp: 612873

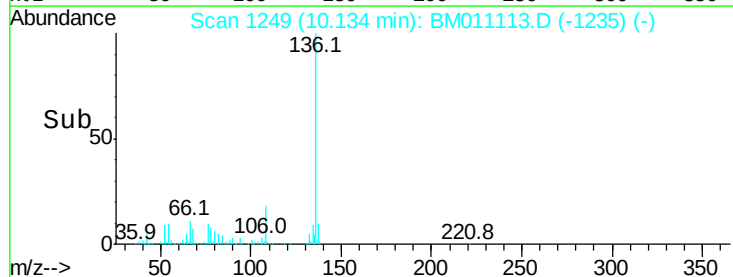
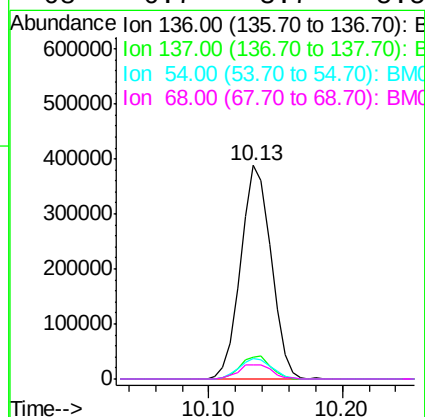
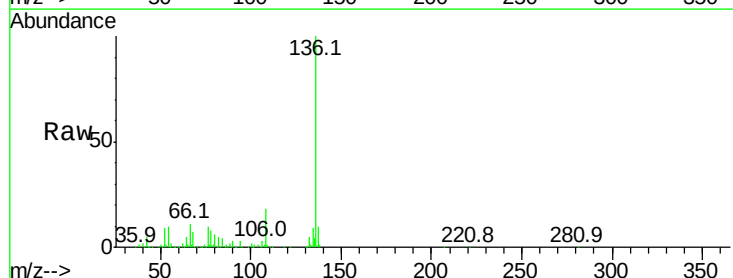
Ion Ratio Lower Upper

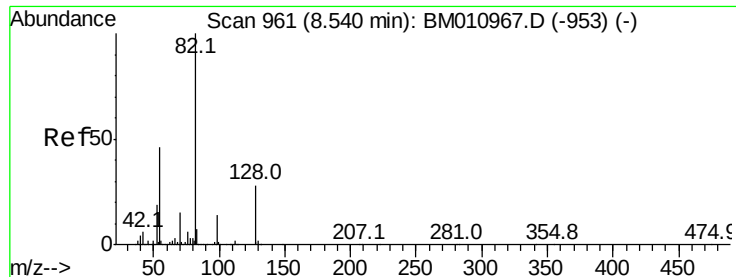
136 100

137 9.9 8.7 13.1

54 9.5 4.6 6.8#

68 6.7 3.7 5.5#



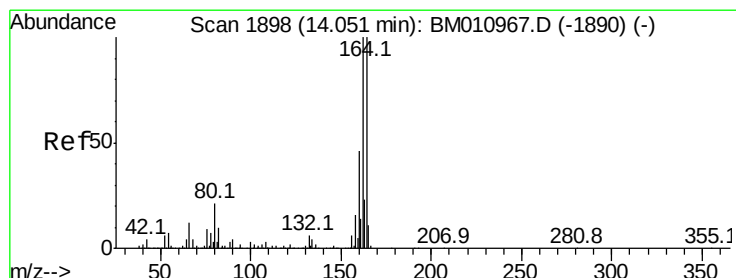
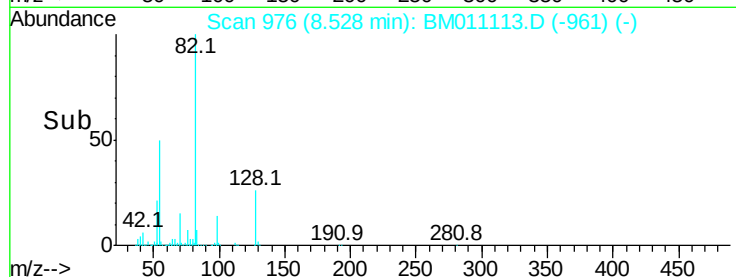
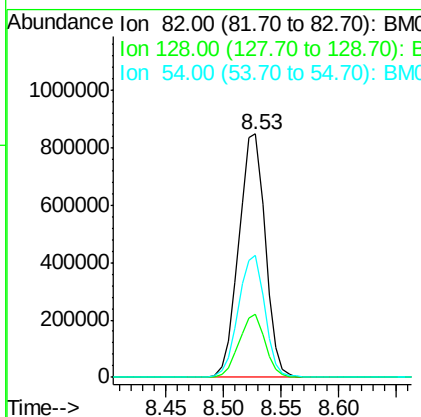
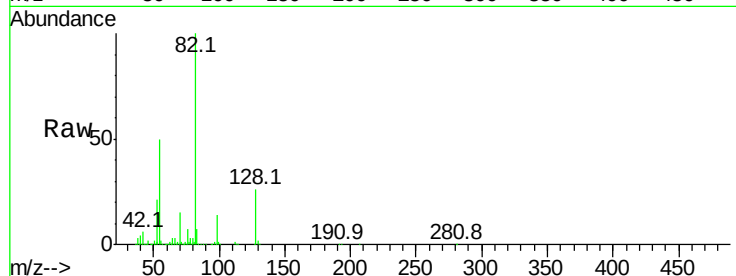


#23
 Nitrobenzene-d5
 Concen: 83.095 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011113.D
 Acq: 03 Aug 2017 06:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-5

Tot Ion: 82 Resp: 1356902

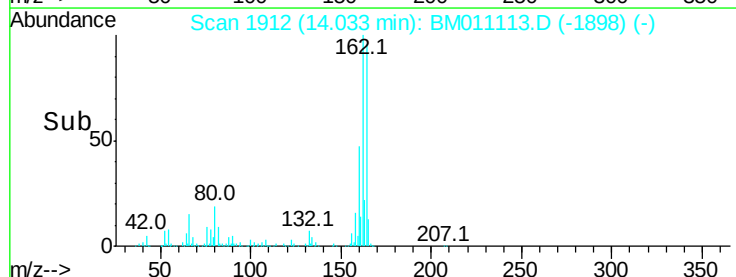
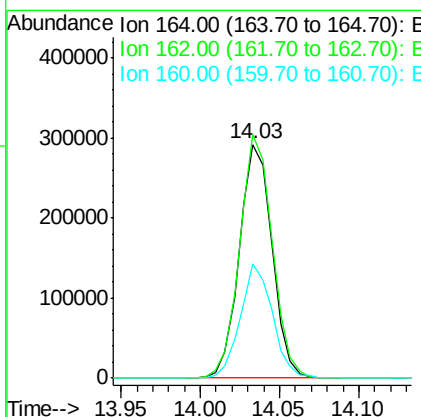
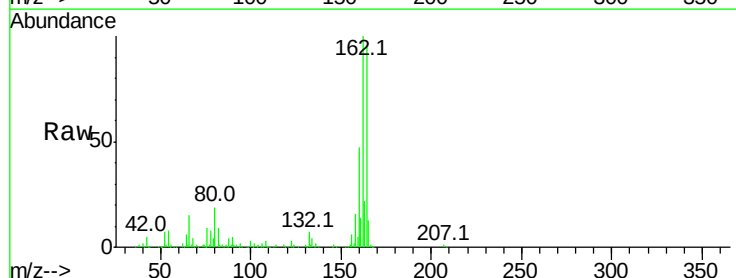
Ion	Ratio	Lower	Upper
82	100		
128	26.2	32.8	49.2#
54	49.9	40.6	60.8

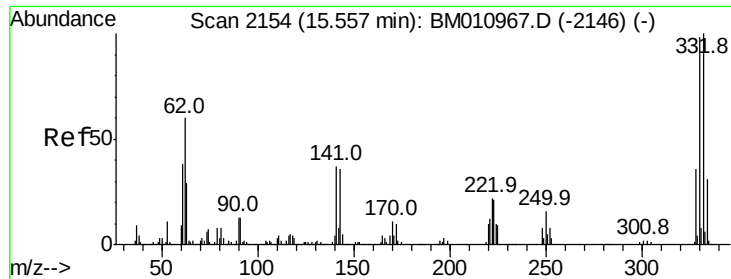


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.03 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BM011113.D
 Acq: 03 Aug 2017 06:42

Tgt Ion:164 Resp: 417210

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	48.7	35.8	53.6

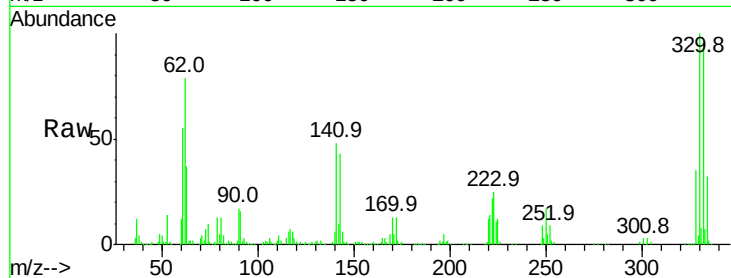




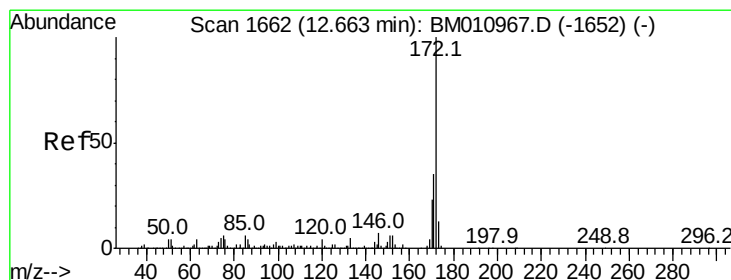
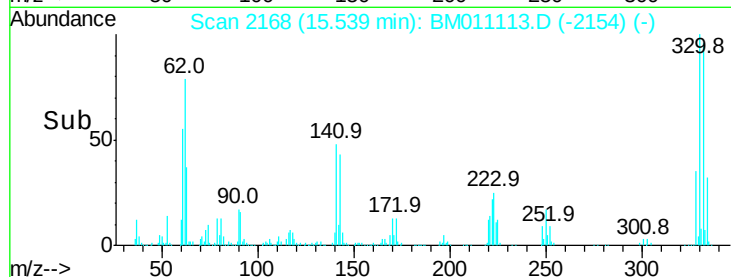
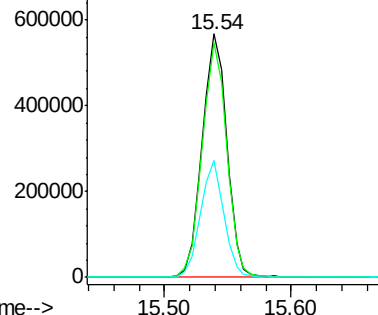
#41
 2,4,6-Tribromophenol
 Concen: 113.762 ng
 RT: 15.54 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM011113.D
 Acq: 03 Aug 2017 06:42

Instrument :
 BNA_M
 ClientSampled :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	45.3	0.0	0.0#

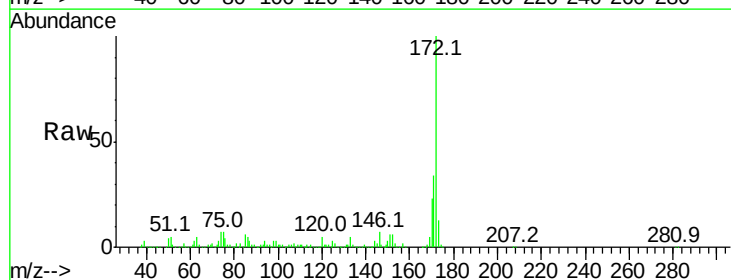


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

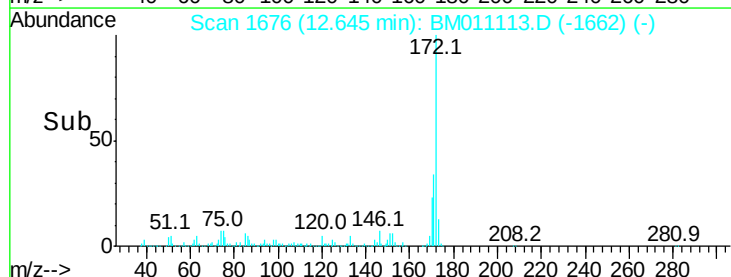
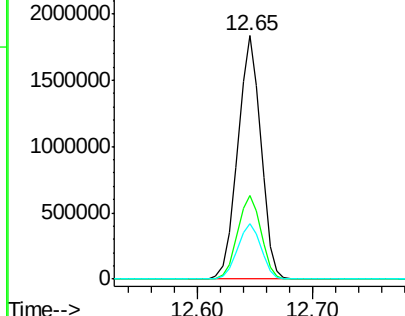


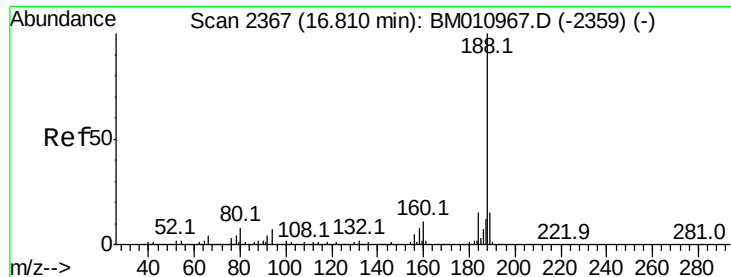
#44
 2-Fluorobiphenyl
 Concen: 76.376 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011113.D
 Acq: 03 Aug 2017 06:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.0	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

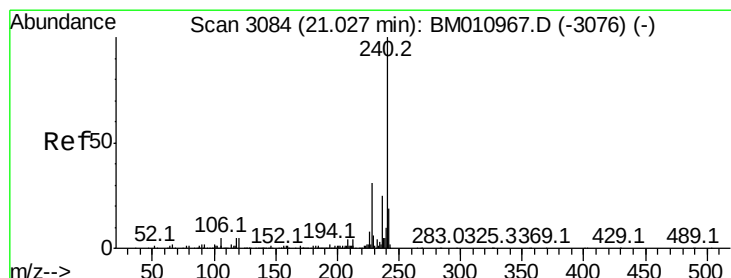
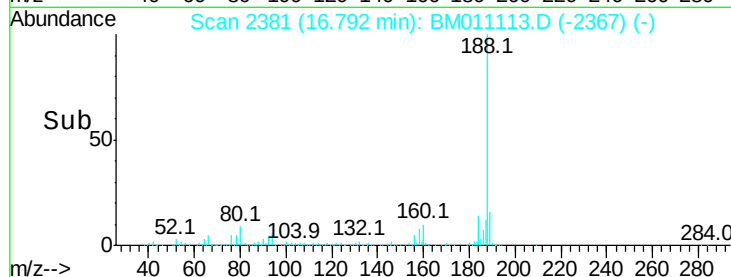
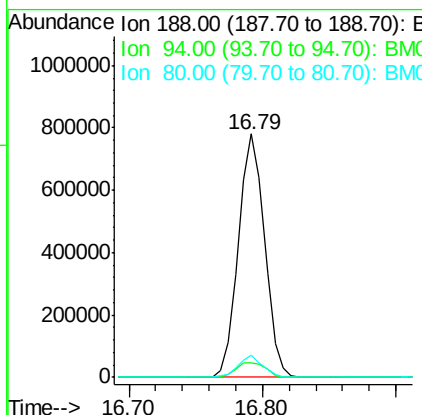
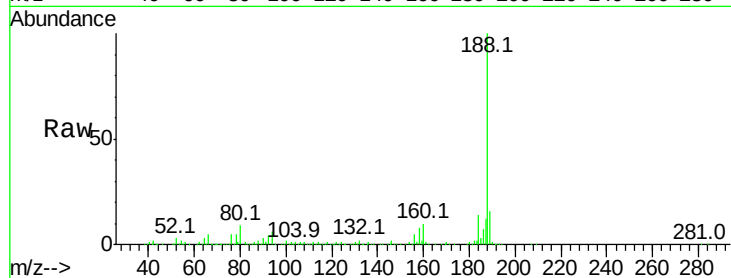




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011113.D
Acq: 03 Aug 2017 06:42

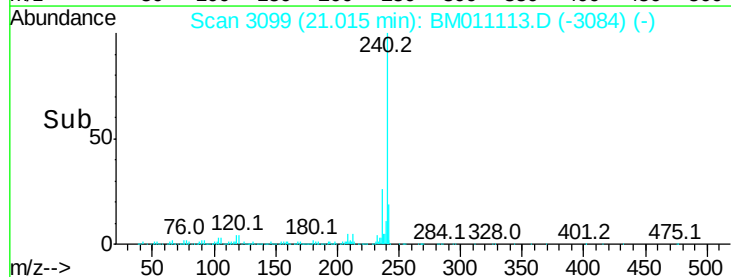
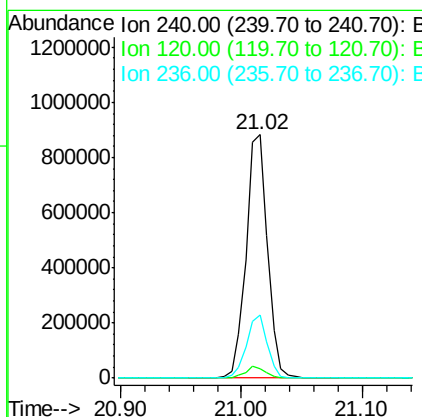
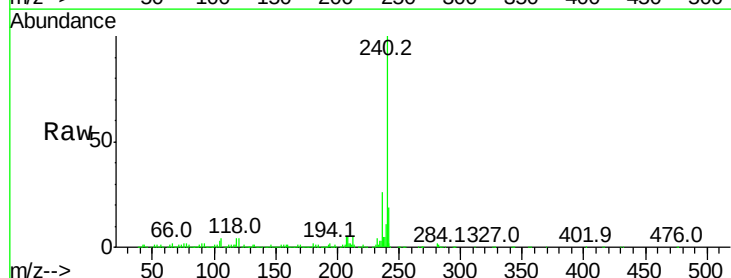
Instrument :
BNA_M
ClientSampled :
TP-5

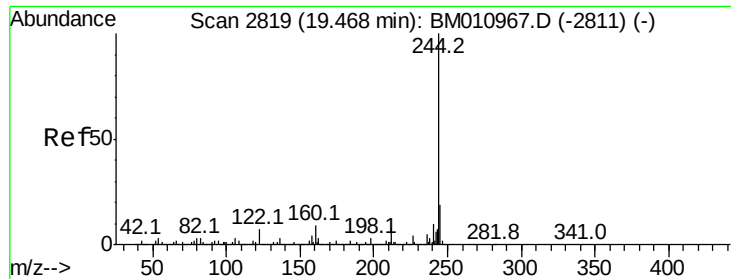
Tot Ion:188 Resp: 1062401
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 9.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011113.D
Acq: 03 Aug 2017 06:42

Tgt Ion:240 Resp: 1096838
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 72.539 ng

RT: 19.46 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM011113.D

Acq: 03 Aug 2017 06:42

Instrument :

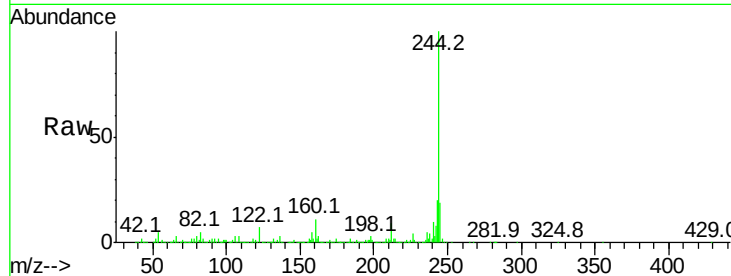
BNA_M

ClientSampleId :

TP-5

Tot Ion:244 Resp: 4016592

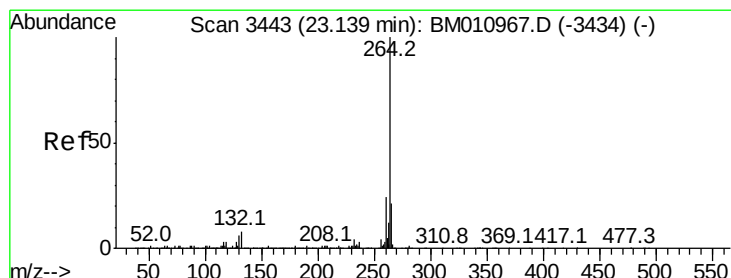
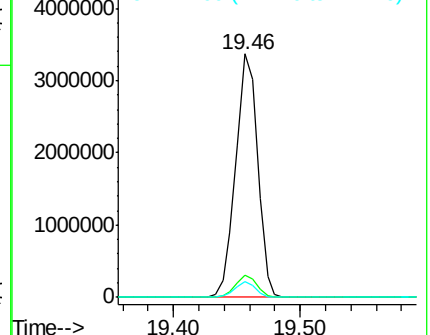
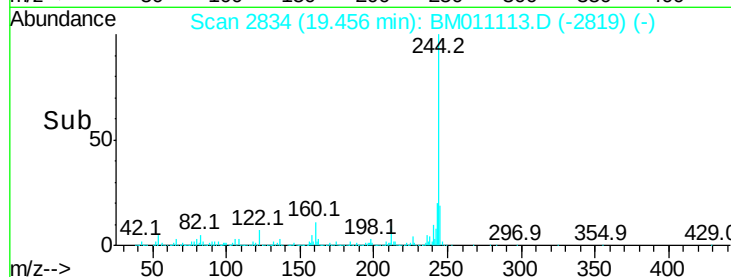
Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.6	6.2	9.4



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: 23.12 min Scan# 3457

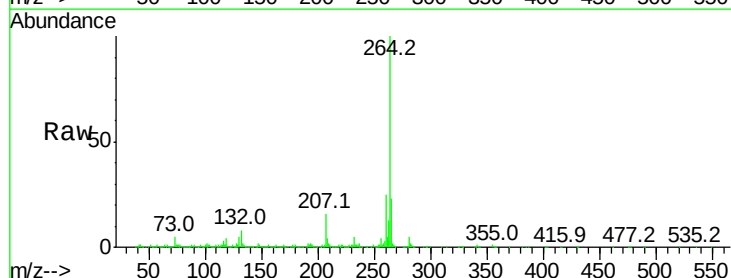
Delta R.T. -0.02 min

Lab File: BM011113.D

Acq: 03 Aug 2017 06:42

Tgt Ion:264 Resp: 1181806

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	23.4	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

