

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011052.D
 Acq On : 28 Jul 2017 21:19
 Operator : SJ/JU
 Sample : I4448-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TCM-ROW

Quant Time: Jul 29 00:36:36 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	176089	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	645159	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	421140	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1030044	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	914306	20.00	ng	0.00
86) Perylene-d12	23.13	264	758579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1427753	137.06	ng	0.00
7) Phenol-d6	6.59	99	1787756	120.79	ng	0.00
23) Nitrobenzene-d5	8.53	82	1724736	100.34	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	998095	147.87	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3204860	95.44	ng	-0.01
78) Terphenyl-d14	19.46	244	4445739	96.32	ng	0.00

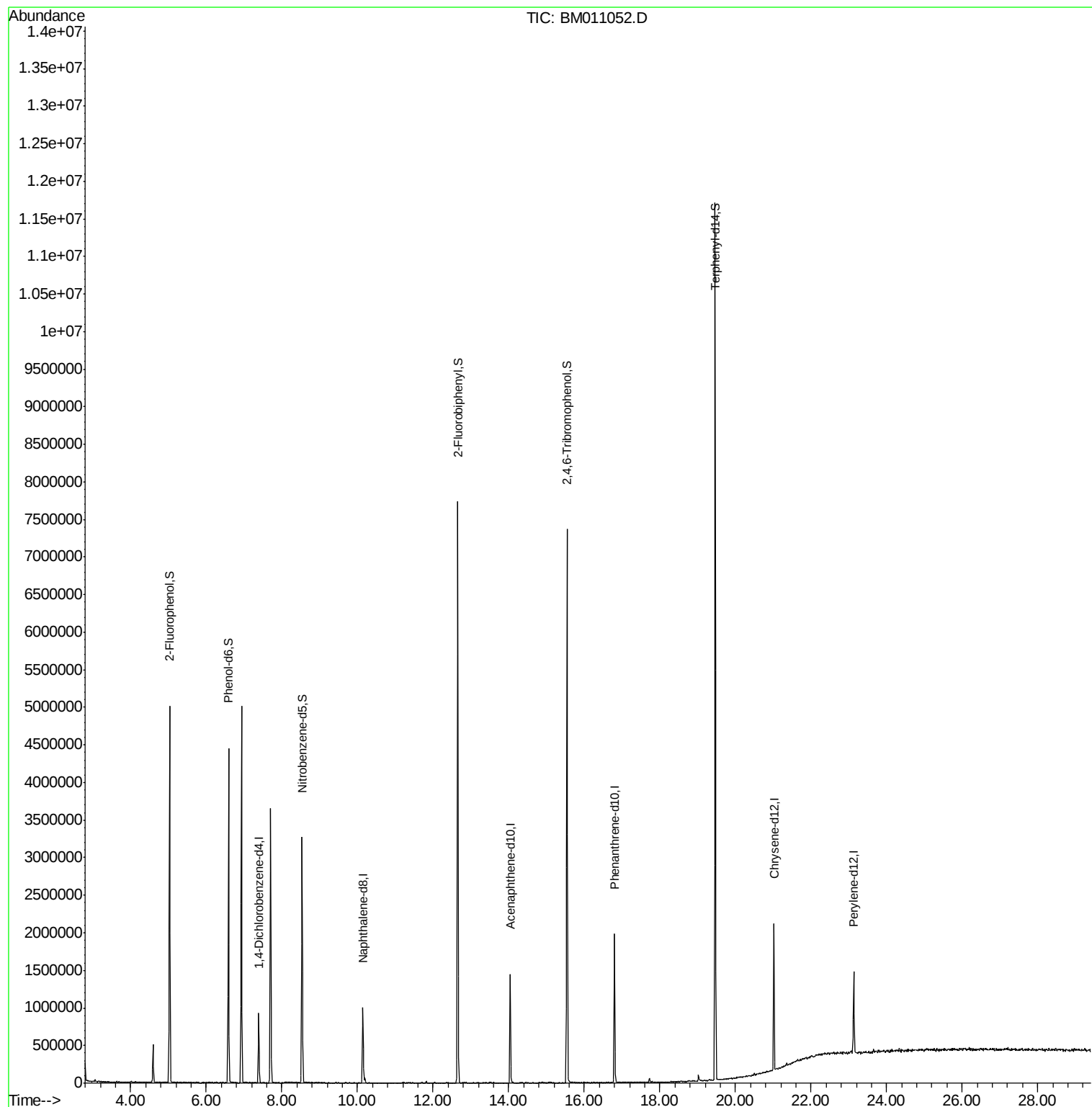
Target Compounds Qvalue

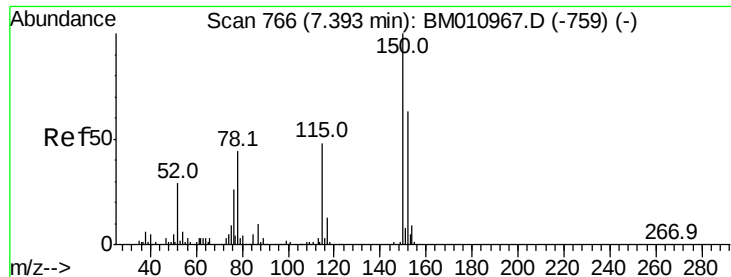
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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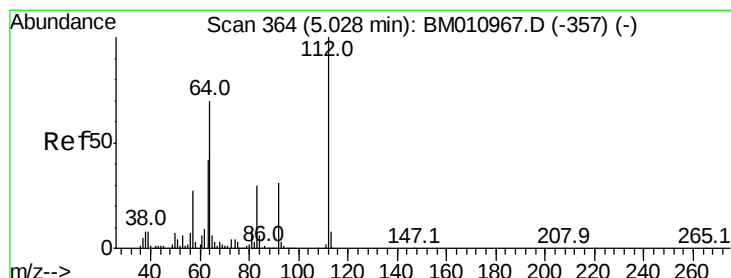
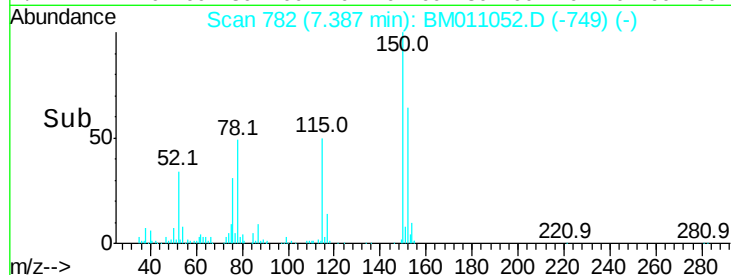
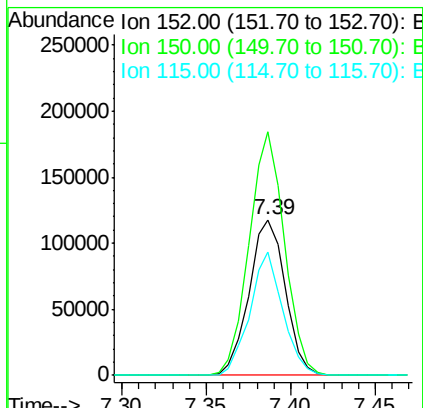
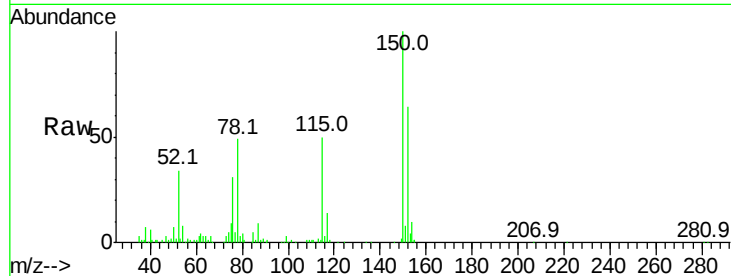


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011052.D
Acq: 28 Jul 2017 21:19

Instrument :
BNA_M
ClientSampleId :
TCM-ROW

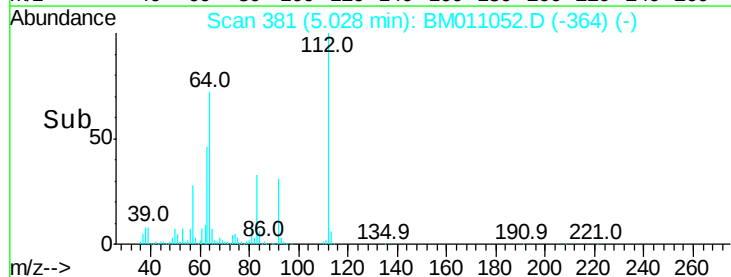
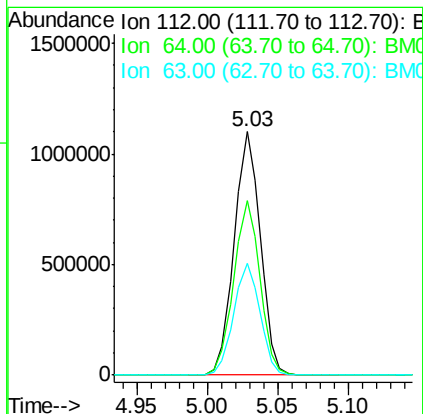
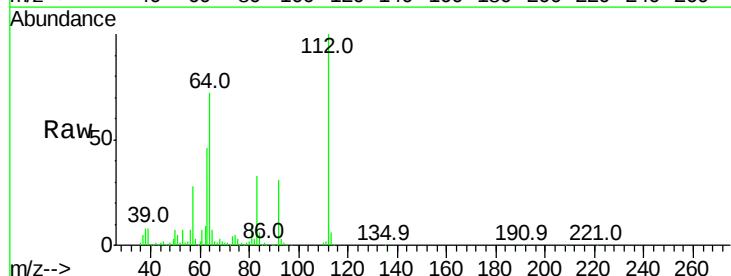
Tot Ion:152 Resp: 176089
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 79.0 43.0 64.4#

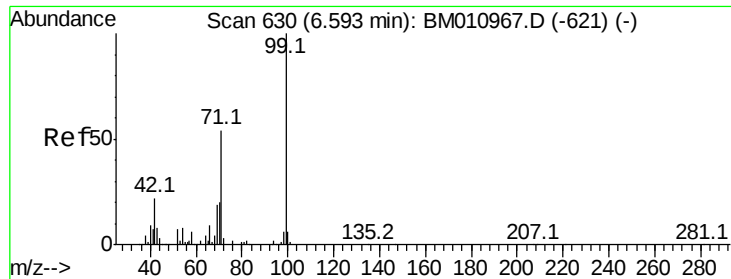


#5

2-Fluorophenol
Concen: 137.063 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011052.D
Acq: 28 Jul 2017 21:19

Tgt Ion:112 Resp: 1427753
Ion Ratio Lower Upper
112 100
64 71.6 38.6 57.8#
63 45.8 19.3 28.9#





#7

Phenol-d6

Concen: 120.792 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011052.D

Acq: 28 Jul 2017 21:19

Instrument :

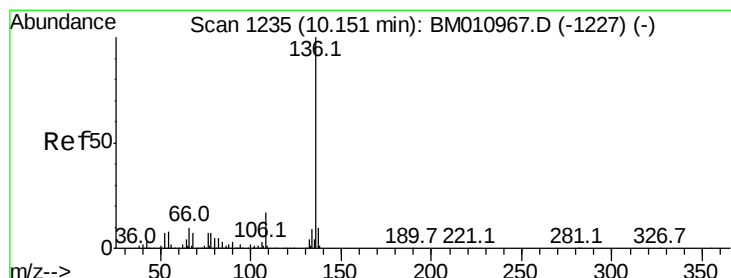
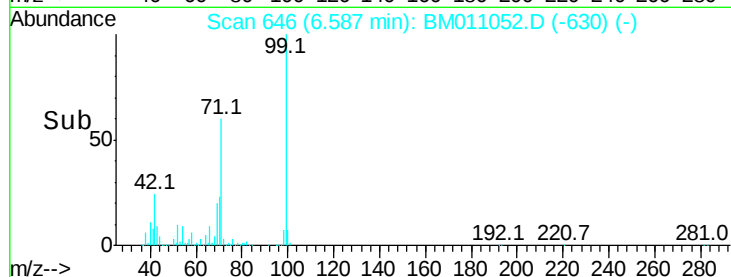
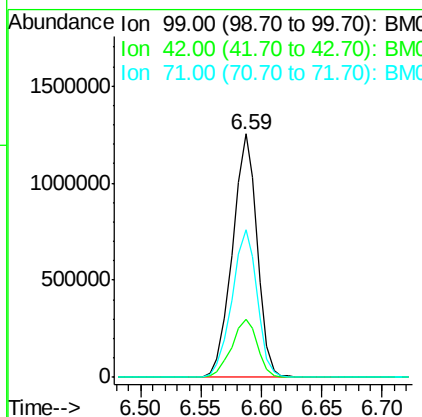
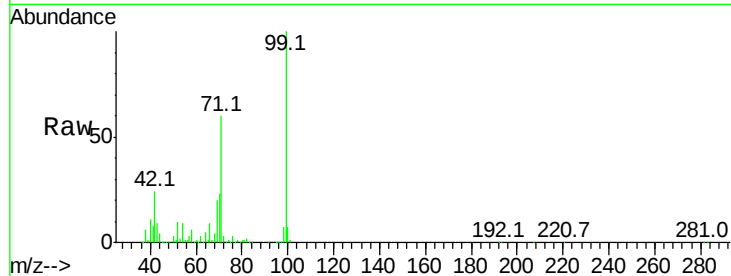
BNA_M

ClientSampleId :

TCM-ROW

Tot Ion: 99 Resp: 1787756

Ion	Ratio	Lower	Upper
99	100		
42	23.6	11.0	16.4#
71	60.4	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

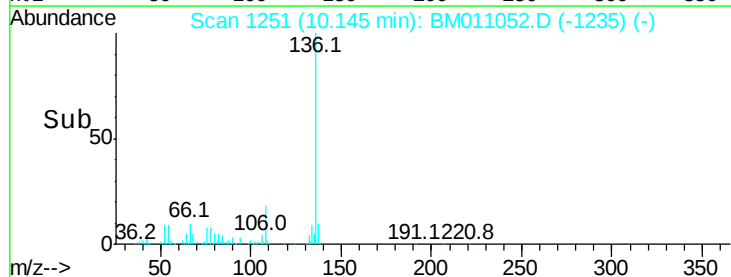
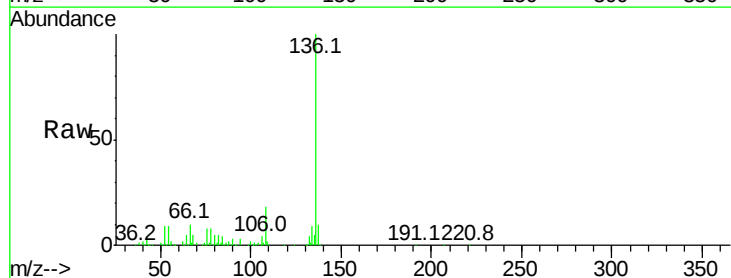
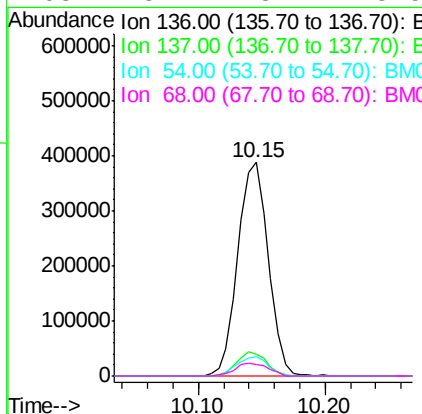
Delta R.T. -0.01 min

Lab File: BM011052.D

Acq: 28 Jul 2017 21:19

Tgt Ion: 136 Resp: 645159

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	9.3	4.6	6.8#
68	5.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 100.335 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011052.D

Acq: 28 Jul 2017 21:19

Instrument :

BNA_M

ClientSampleId :

TCM-ROW

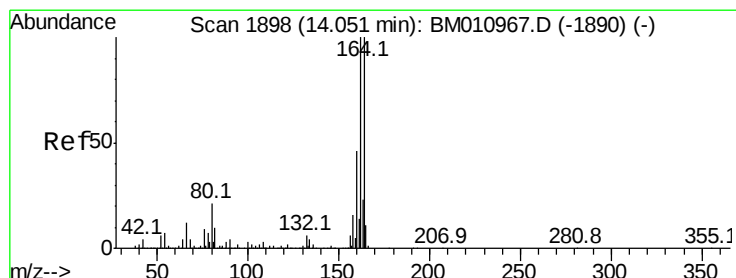
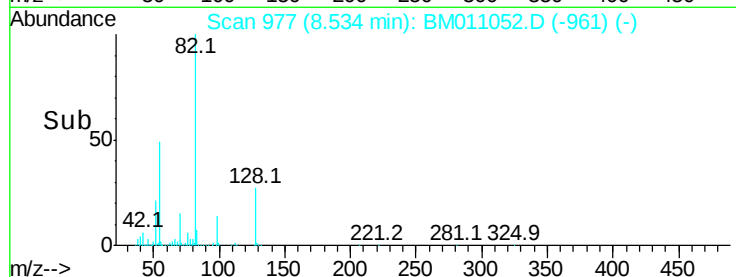
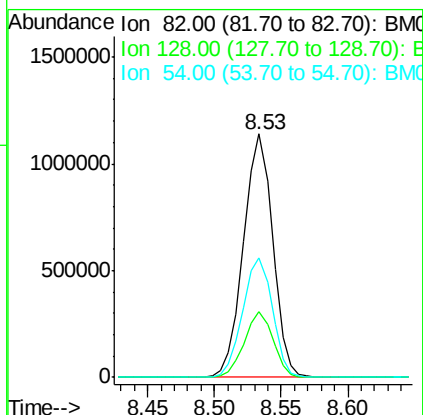
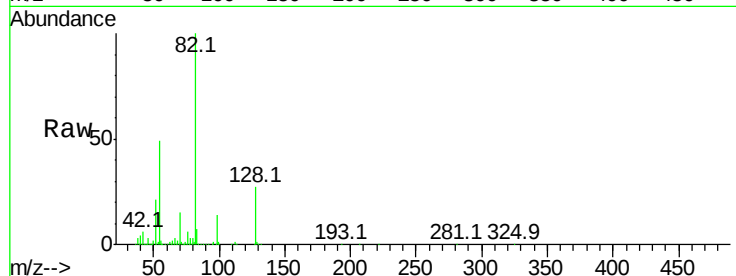
Tot Ion: 82 Resp: 1724736

Ion Ratio Lower Upper

82 100

128 26.9 32.8 49.2#

54 48.8 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011052.D

Acq: 28 Jul 2017 21:19

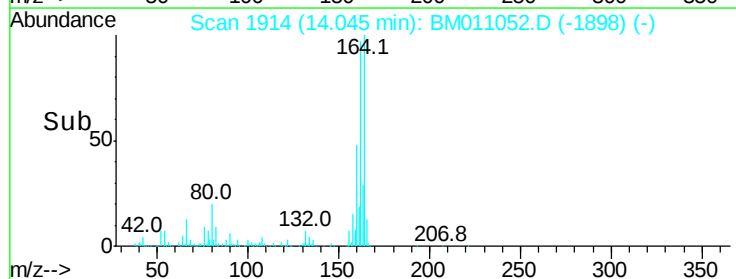
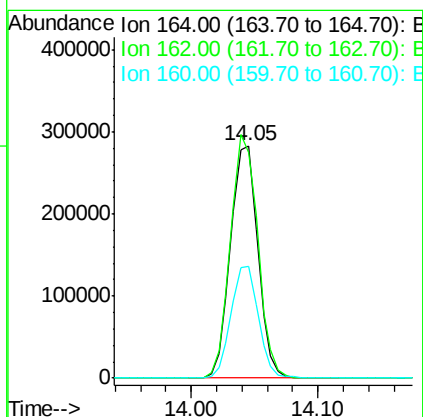
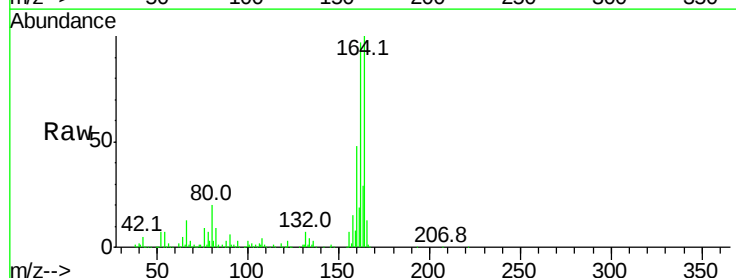
Tgt Ion:164 Resp: 421140

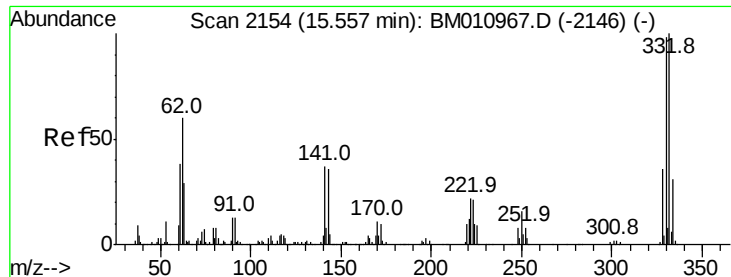
Ion Ratio Lower Upper

164 100

162 97.2 82.4 123.6

160 48.0 35.8 53.6

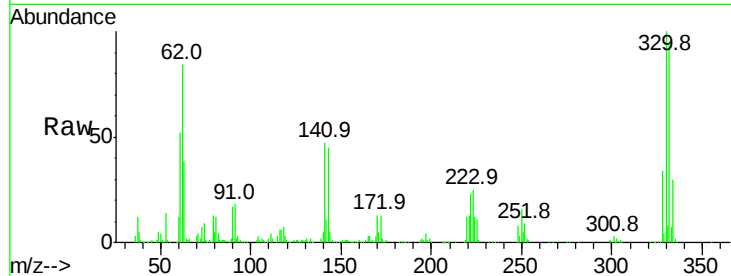




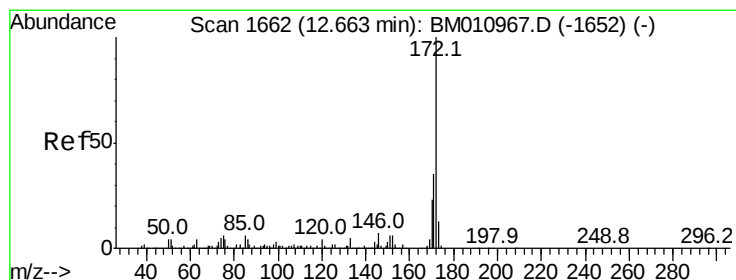
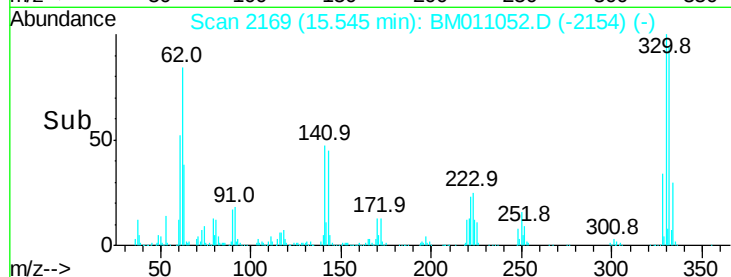
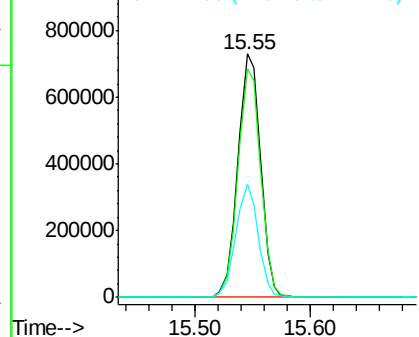
#41
 2,4,6-Tribromophenol
 Concen: 147.866 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011052.D
 Acq: 28 Jul 2017 21:19

Instrument :
 BNA_M
 ClientSampleId :
 TCM-ROW

Tot Ion:330 Resp: 998095
 Ion Ratio Lower Upper
 330 100
 332 93.8 0.0 0.0#
 141 45.8 0.0 0.0#

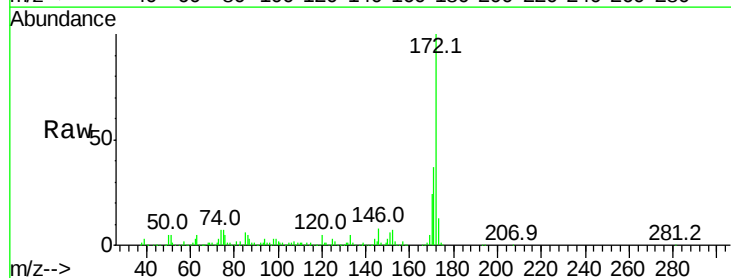


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

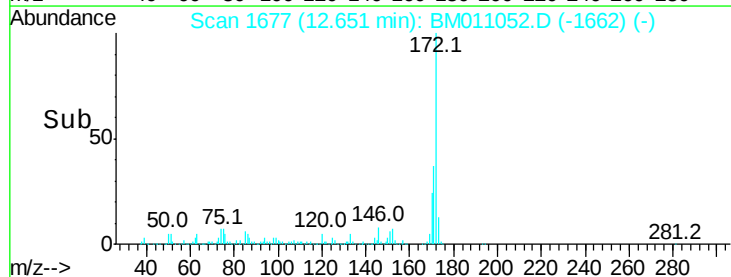
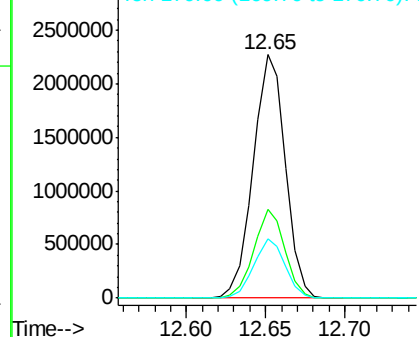


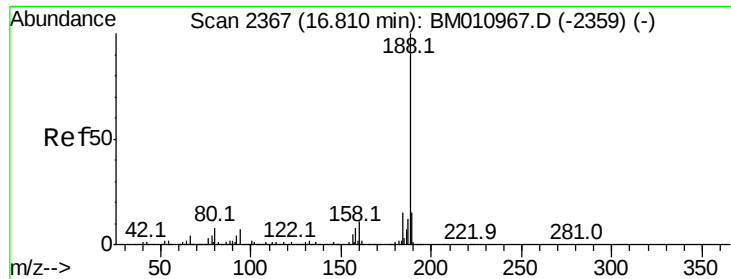
#44
 2-Fluorobiphenyl
 Concen: 95.439 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011052.D
 Acq: 28 Jul 2017 21:19

Tgt Ion:172 Resp: 3204860
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 24.2 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

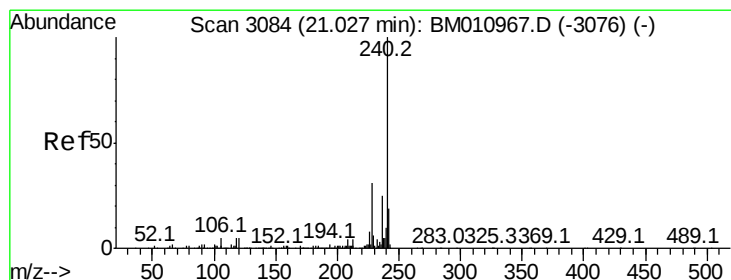
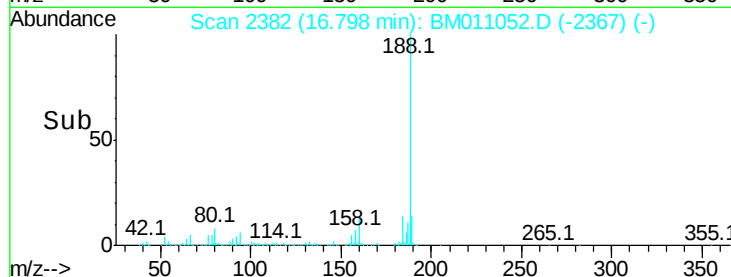
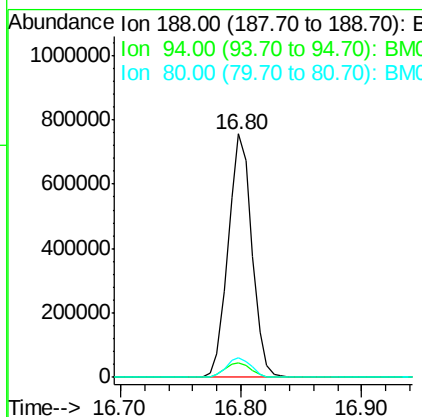
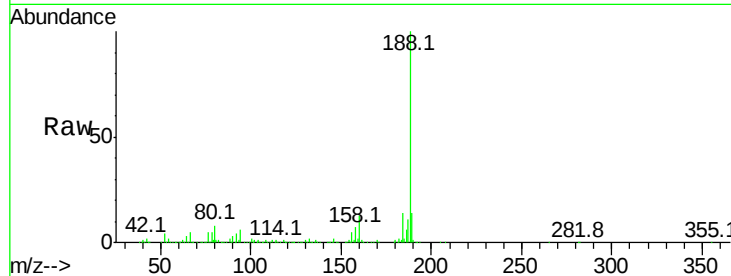




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011052.D
Acq: 28 Jul 2017 21:19

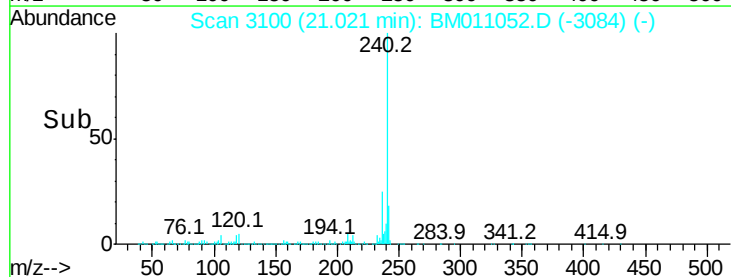
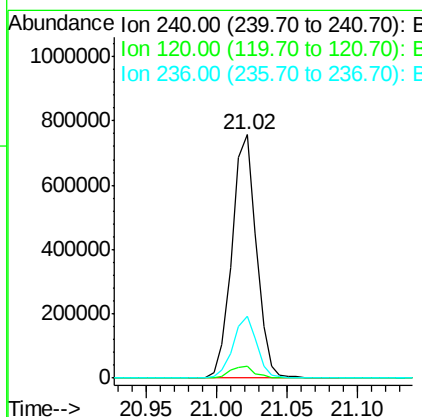
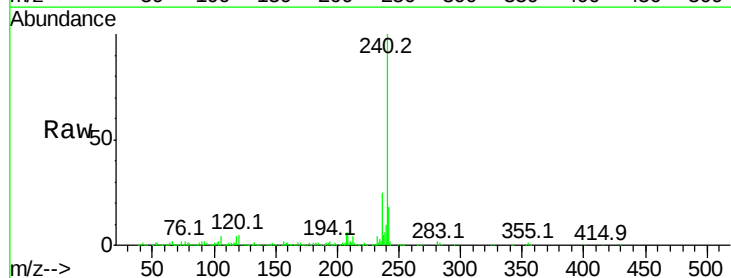
Instrument :
BNA_M
ClientSampleId :
TCM-ROW

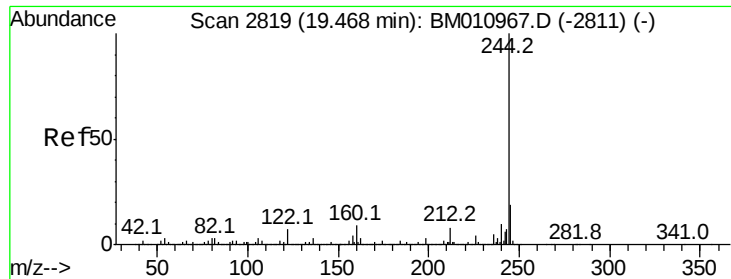
Tot Ion:188 Resp: 1030044
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011052.D
Acq: 28 Jul 2017 21:19

Tgt Ion:240 Resp: 914306
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 96.318 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011052.D

Acq: 28 Jul 2017 21:19

Instrument :

BNA_M

ClientSampleId :

TCM-ROW

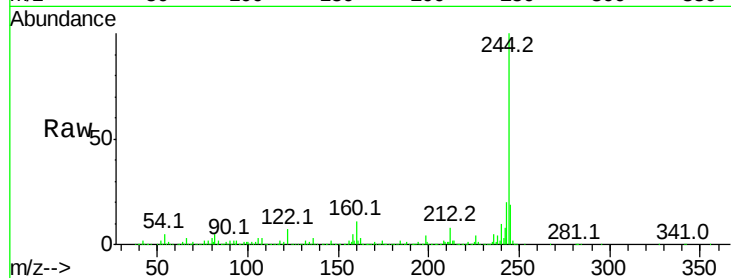
Tot Ion:244 Resp: 4445739

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

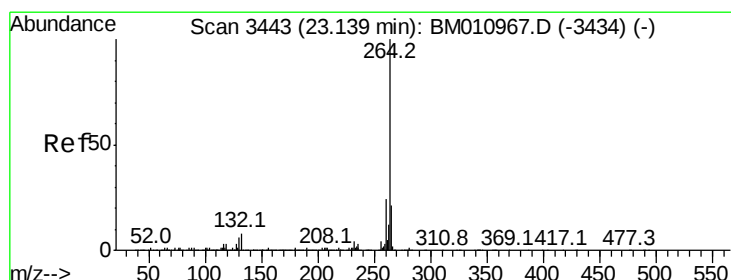
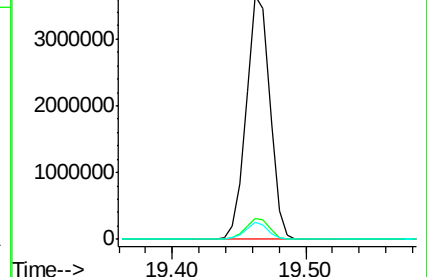
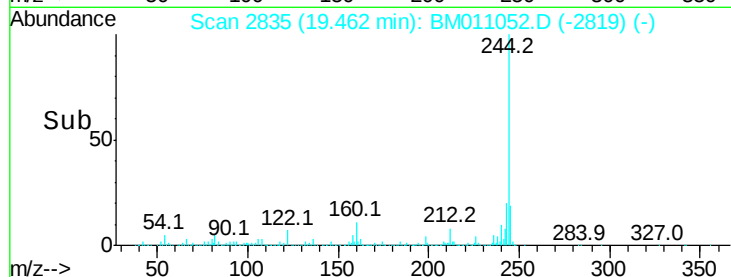
122 7.2 6.2 9.4



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: BM011052.D

Acq: 28 Jul 2017 21:19

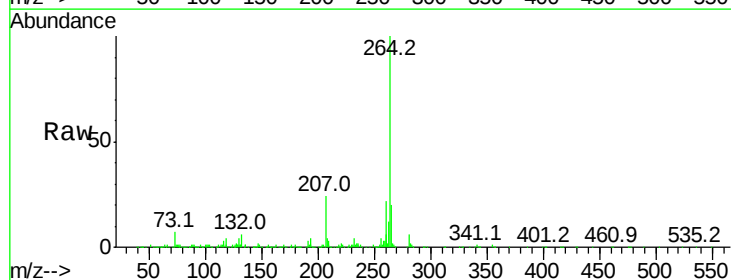
Tgt Ion:264 Resp: 758579

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 20.4 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

