

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011095.D
 Acq On : 02 Aug 2017 15:37
 Operator : SJ/JU
 Sample : PB101142TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101142TB

Quant Time: Aug 03 03:54:04 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	198662	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	794094	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	526270	20.00	ng	-0.01
63) Phenanthrene-d10	16.79	188	1287333	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1126319	20.00	ng	-0.01
86) Perylene-d12	23.13	264	795530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1666655	141.82	ng	0.00
7) Phenol-d6	6.58	99	2303747	137.97	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1888196	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	984757	116.75	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3532173	84.17	ng	-0.01
78) Terphenyl-d14	19.46	244	4827752	84.91	ng	0.00

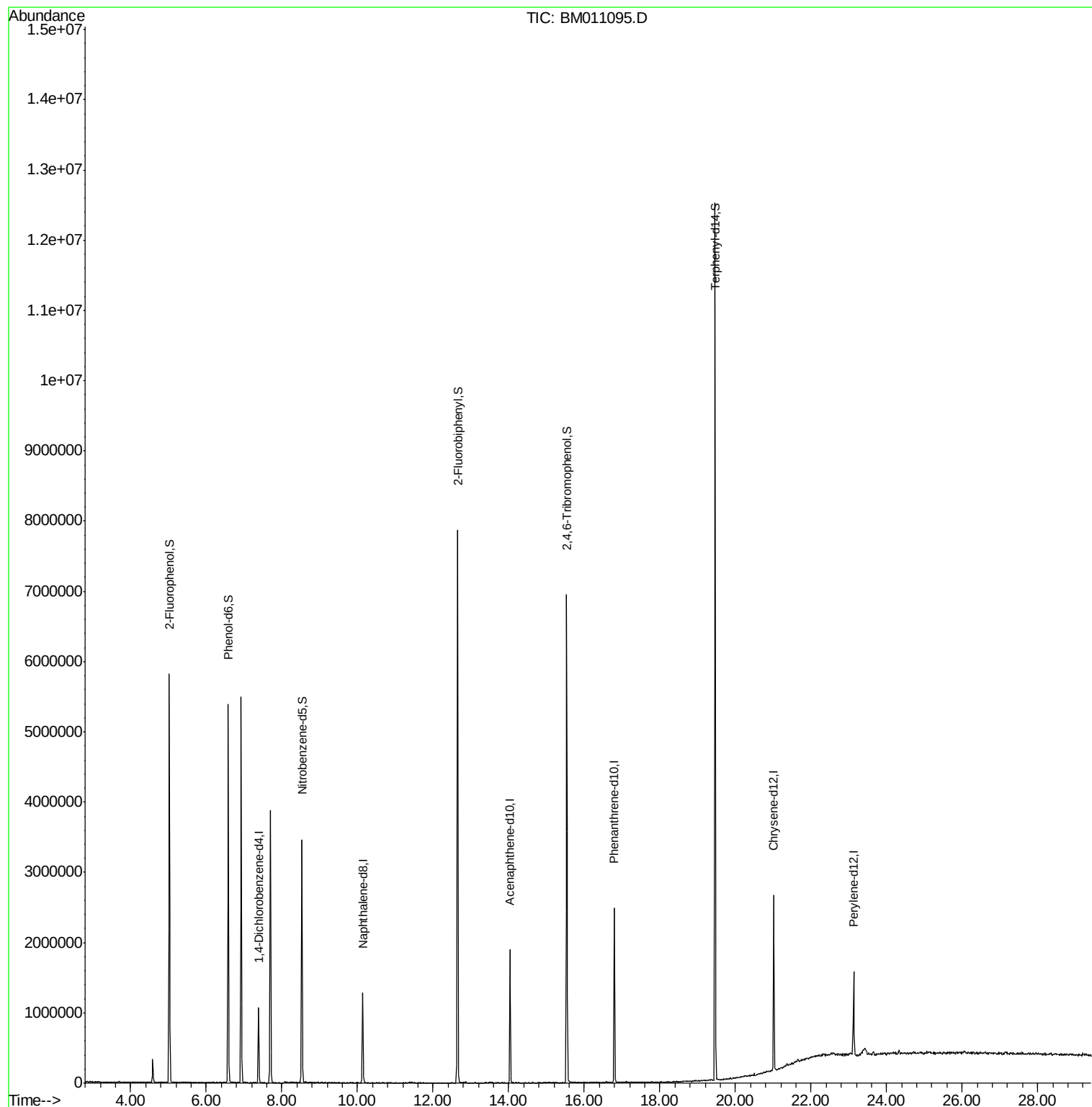
Target Compounds Qvalue

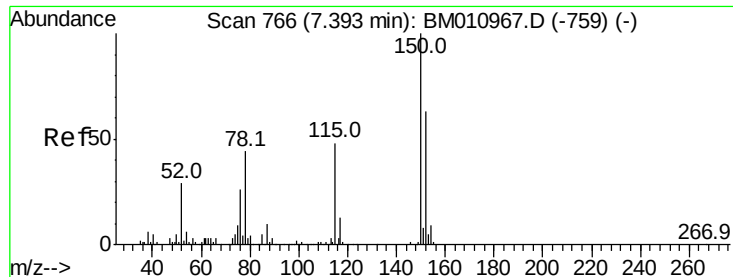
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011095.D
Acq On : 02 Aug 2017 15:37
Operator : SJ/JU
Sample : PB101142TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101142TB

Quant Time: Aug 03 03:54:04 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



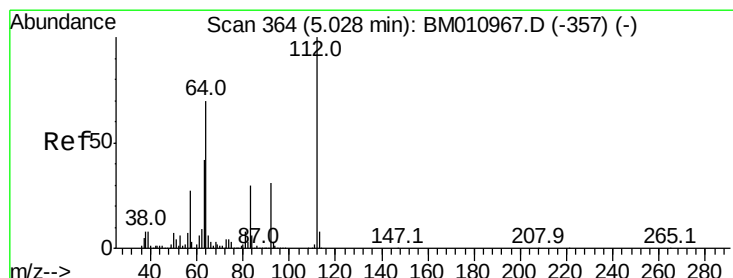
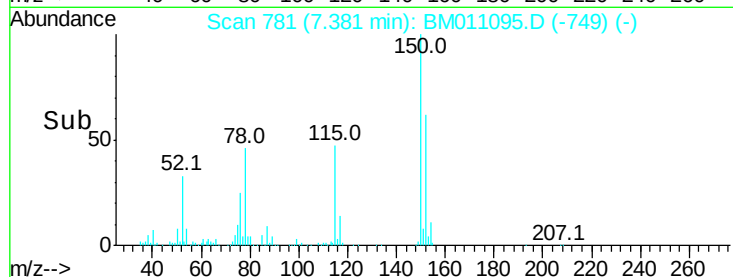
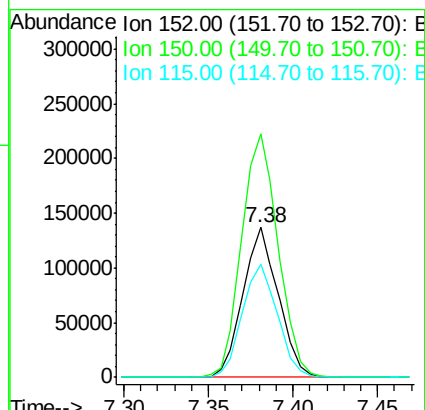
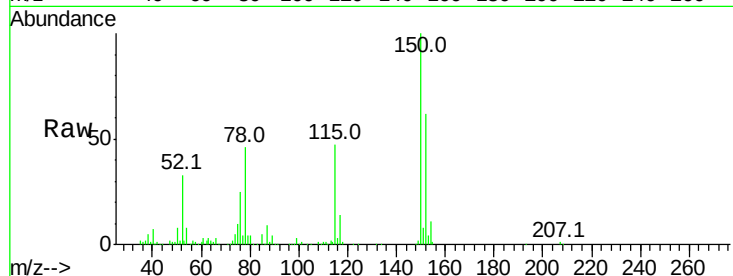


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011095.D
Acq: 02 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
PB101142TB

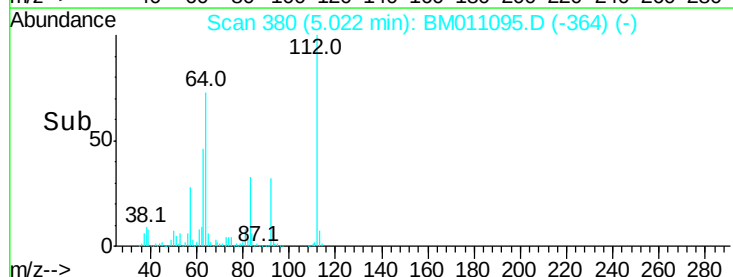
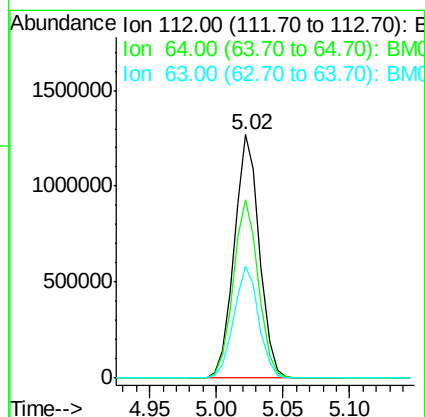
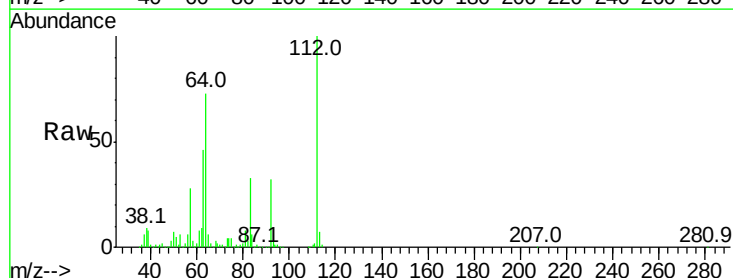
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	119.5	179.3
115	75.6	43.0	64.4

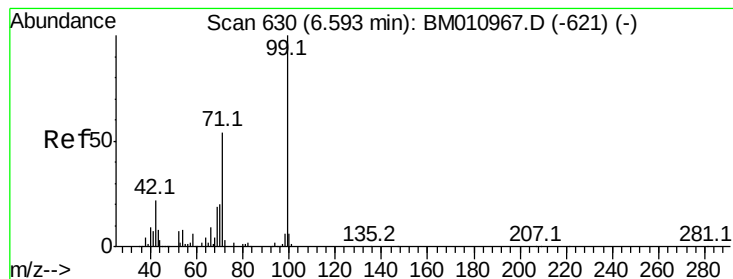


#5

2-Fluorophenol
Concen: 141.818 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011095.D
Acq: 02 Aug 2017 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	38.6	57.8
63	46.0	19.3	28.9





#7

Phenol-d6

Concen: 137.969 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

PB101142TB

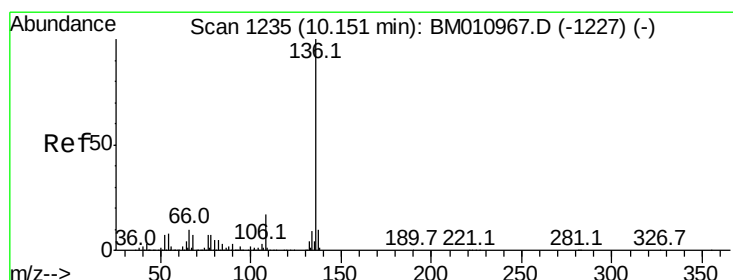
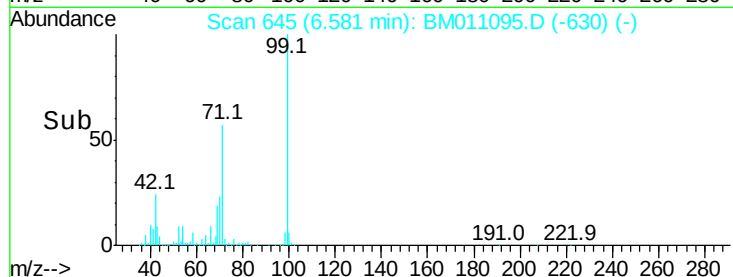
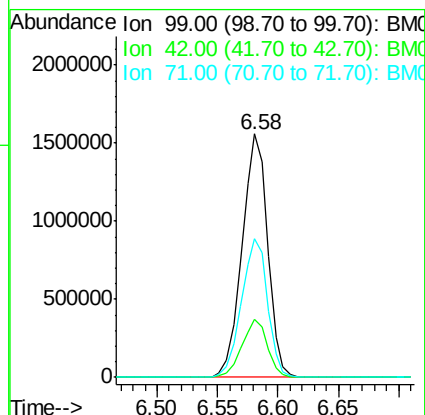
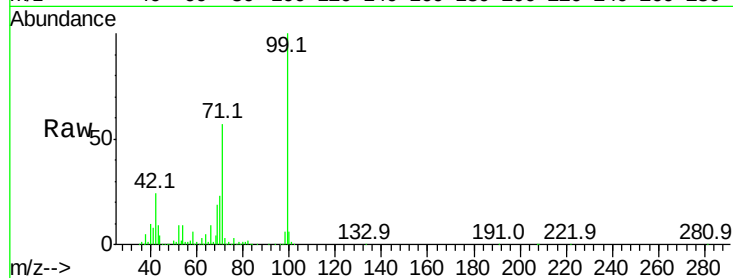
Tot Ion: 99 Resp: 2303747

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

71 57.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

Tgt Ion: 136 Resp: 794094

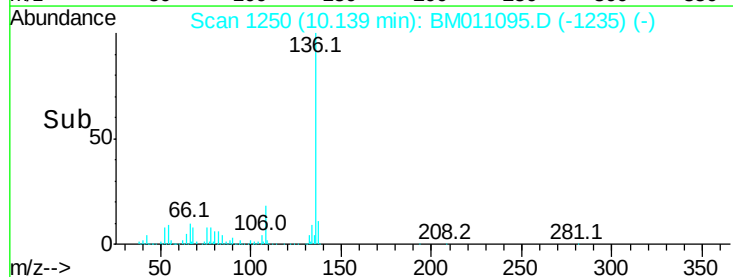
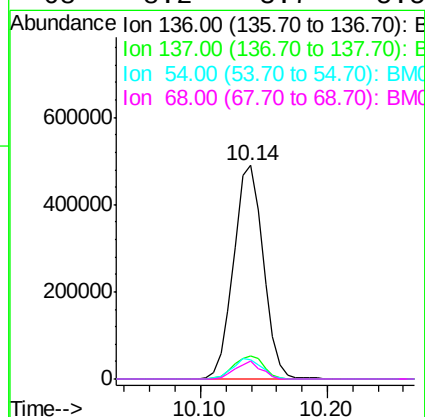
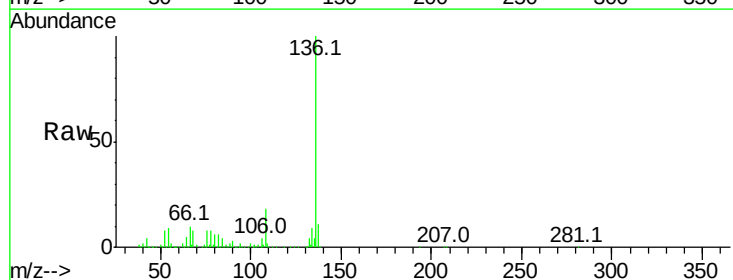
Ion Ratio Lower Upper

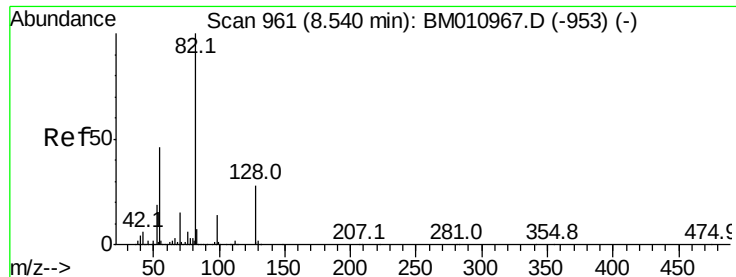
136 100

137 10.6 8.7 13.1

54 9.0 4.6 6.8#

68 8.2 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 89.243 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

PB101142TB

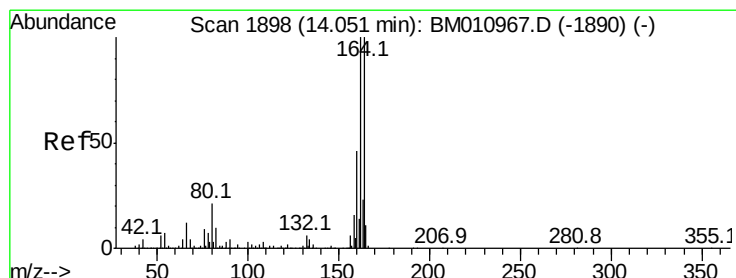
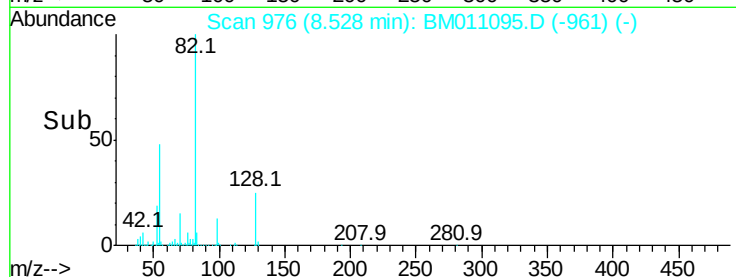
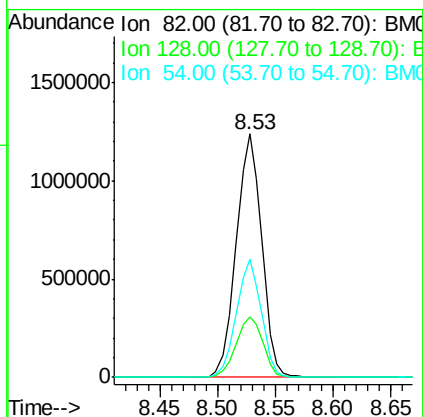
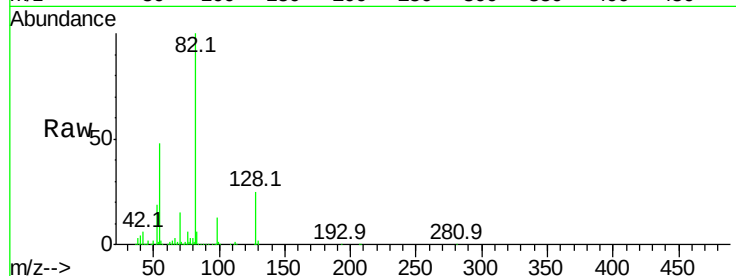
Tot Ion: 82 Resp: 1888196

Ion Ratio Lower Upper

82 100

128 25.1 32.8 49.2#

54 48.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

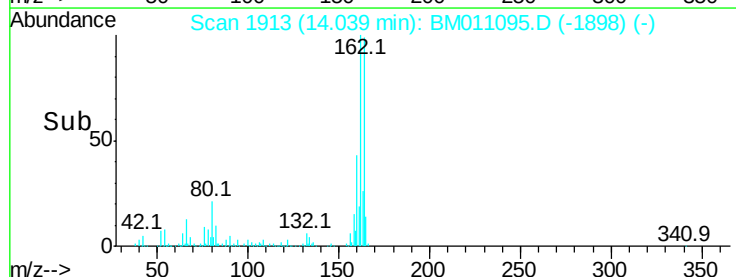
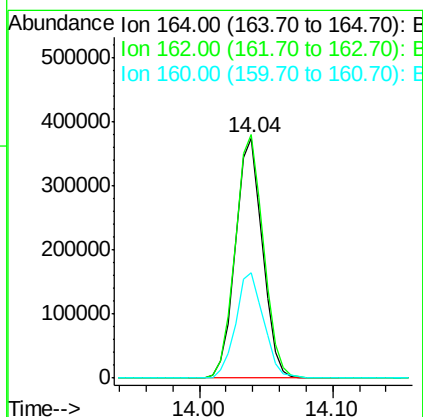
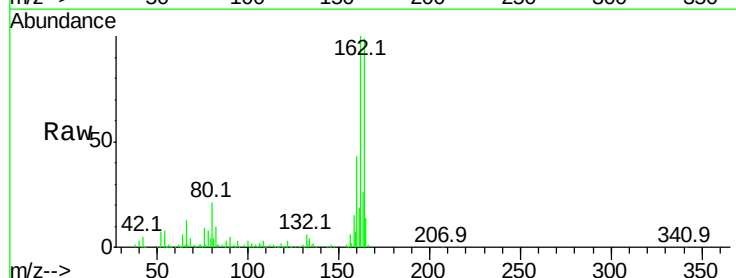
Tgt Ion:164 Resp: 526270

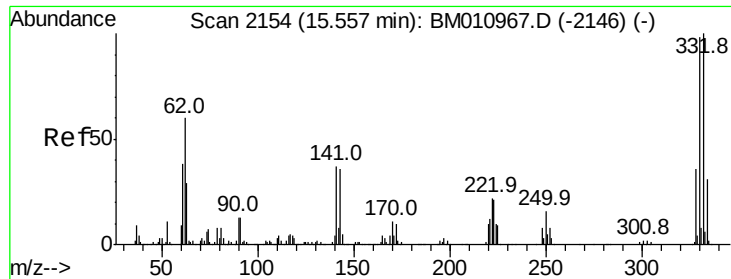
Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

160 43.8 35.8 53.6

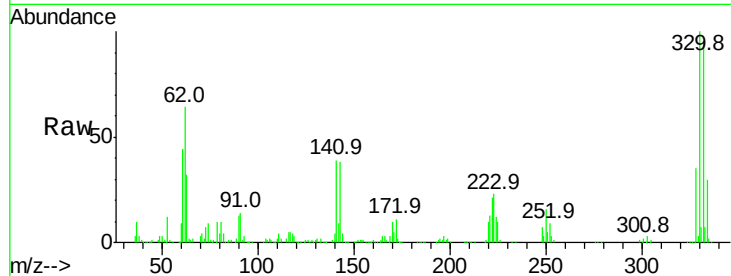




#41
 2,4,6-Tribromophenol
 Concen: 116.746 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011095.D
 Acq: 02 Aug 2017 15:37

Instrument :
 BNA_M
 ClientSampleId :
 PB101142TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	44.0	0.0	0.0#

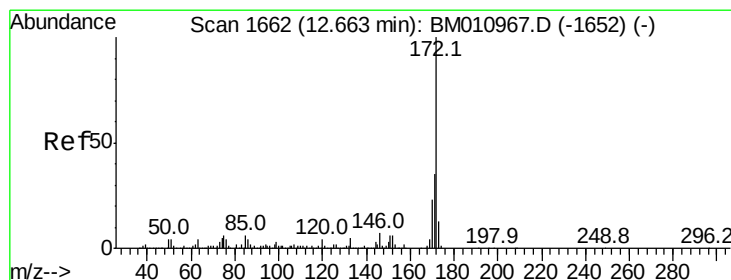
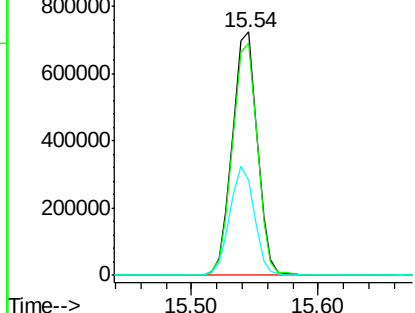
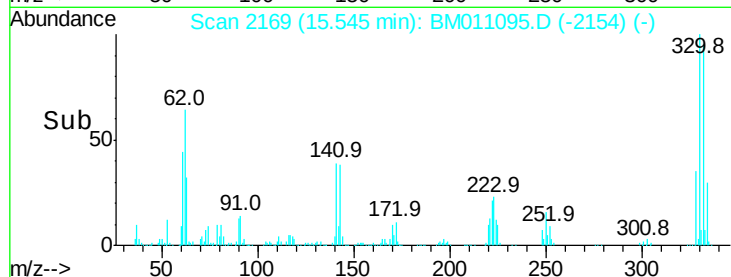


Abundance

Ion 329.80 (329.50 to 330.50): E

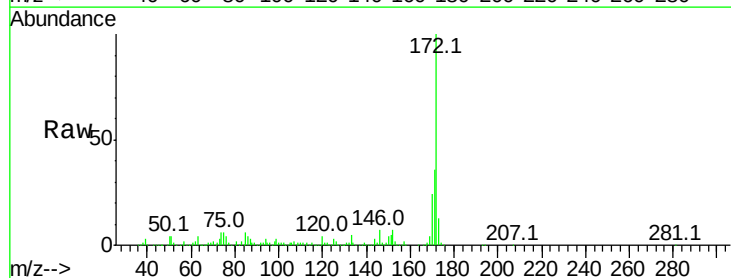
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.174 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011095.D
 Acq: 02 Aug 2017 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.8	28.2

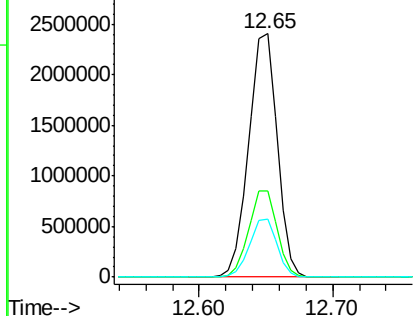
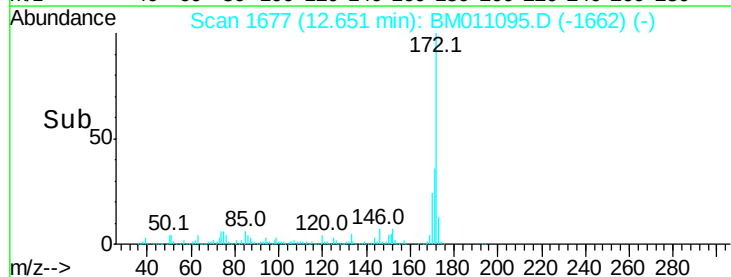


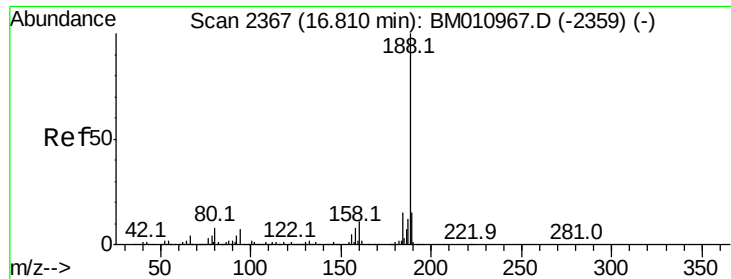
Abundance

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

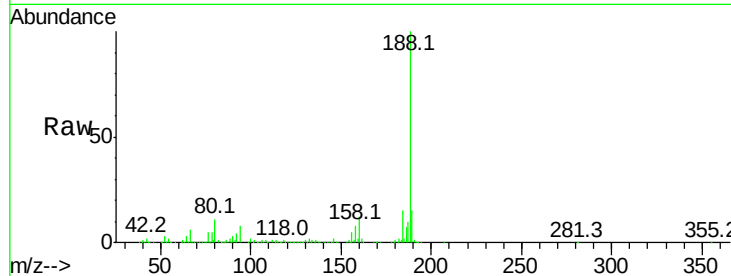




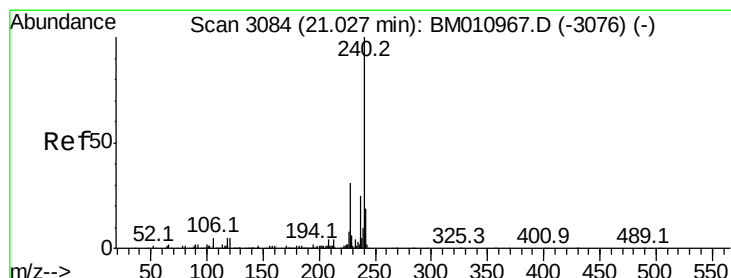
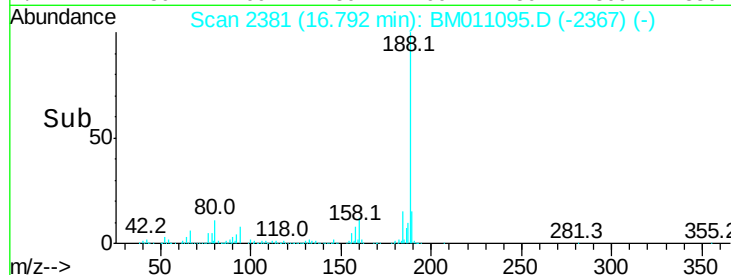
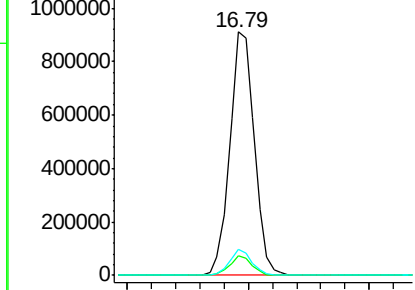
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011095.D
Acq: 02 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
PB101142TB

Tot Ion:188 Resp: 1287333
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 10.7 9.3 13.9

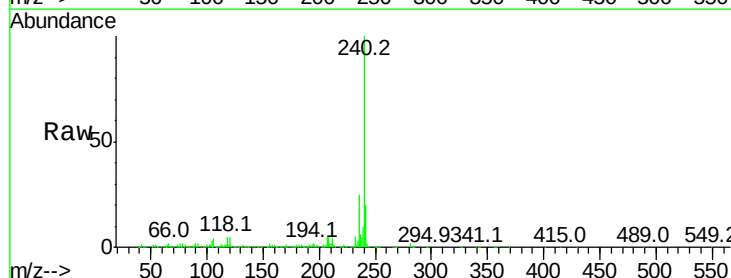


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

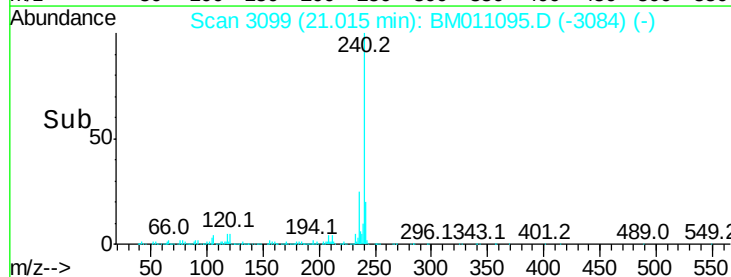
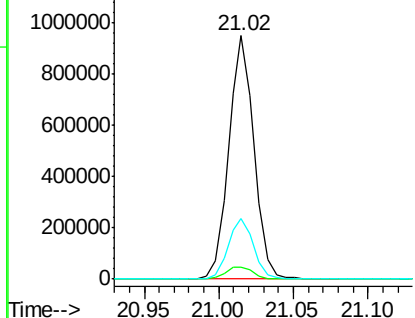


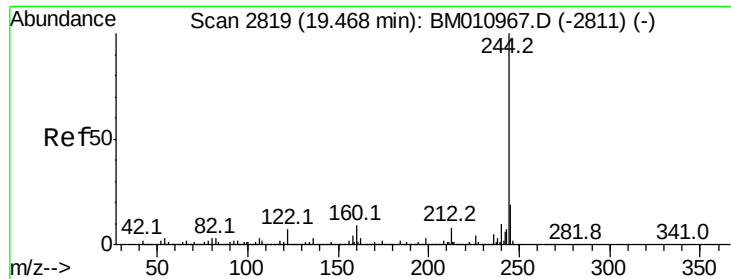
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011095.D
Acq: 02 Aug 2017 15:37

Tgt Ion:240 Resp: 1126319
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.906 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

PB101142TB

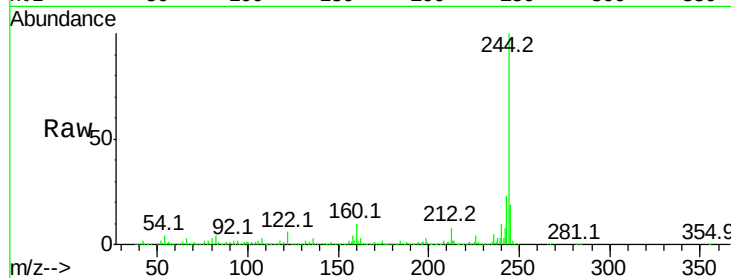
Tot Ion:244 Resp: 4827752

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

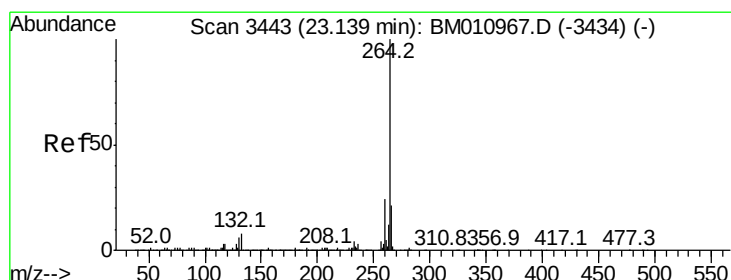
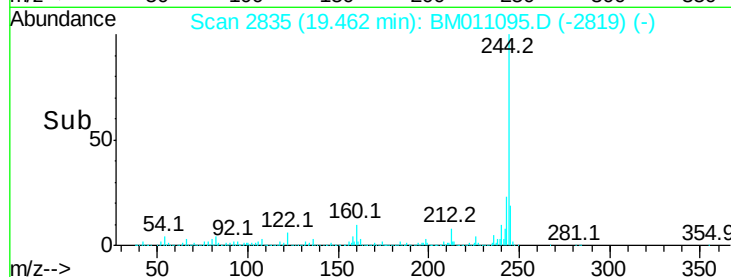
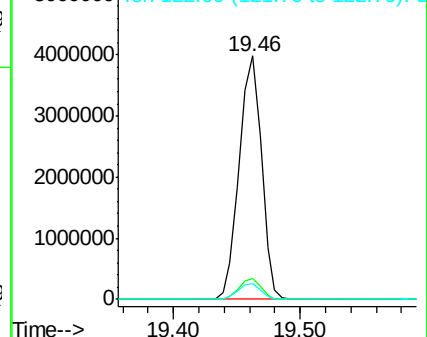
122 6.4 6.2 9.4



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# 3458

Delta R.T. -0.01 min

Lab File: BM011095.D

Acq: 02 Aug 2017 15:37

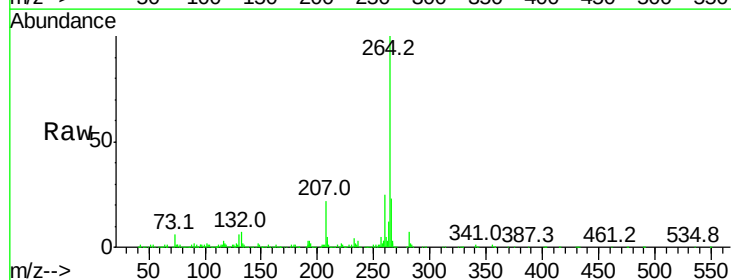
Tgt Ion:264 Resp: 795530

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 22.5 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

