

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011045.D
 Acq On : 28 Jul 2017 17:07
 Operator : SJ/JU
 Sample : I4432-06RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Quant Time: Jul 28 22:51:40 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	222103	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	856640	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	586291	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1390221	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1141560	20.00	ng	0.00
86) Perylene-d12	23.13	264	866200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	225199	17.14	ng	0.00
7) Phenol-d6	6.58	99	288808	15.47	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1838610	80.55	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	274328	29.19	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3467409	74.17	ng	-0.01
78) Terphenyl-d14	19.47	244	4820987	83.66	ng	0.00

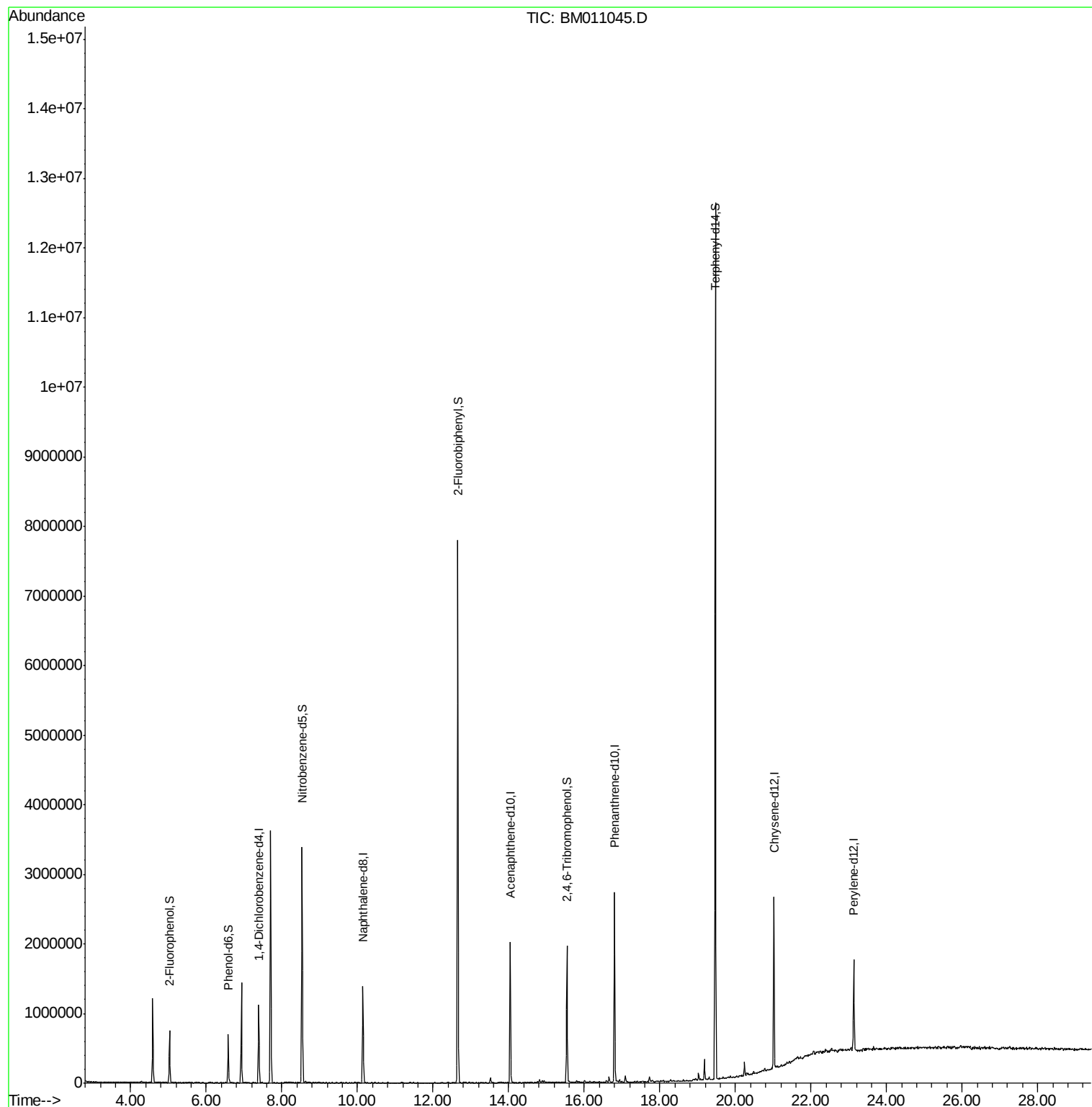
Target Compounds Qvalue

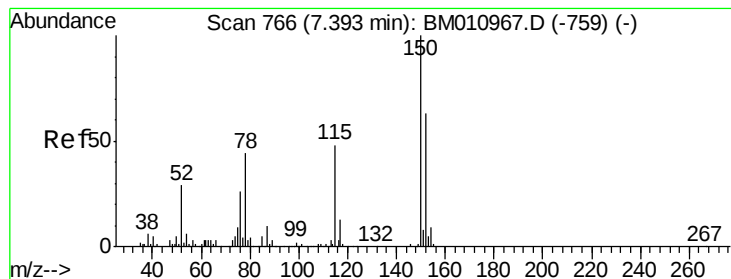
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 782

Delta R.T. -0.01 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

Instrument :

BNA_M

ClientSampleId :

DUP

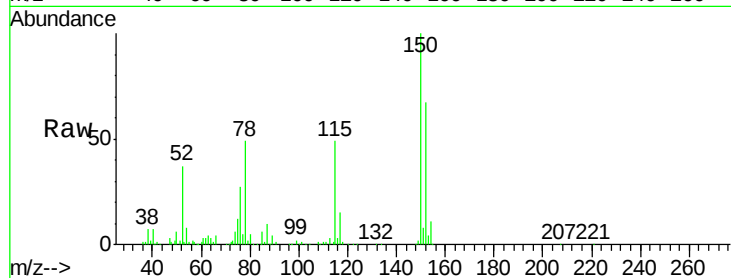
Tot Ion:152 Resp: 222103

Ion Ratio Lower Upper

152 100

150 149.5 119.5 179.3

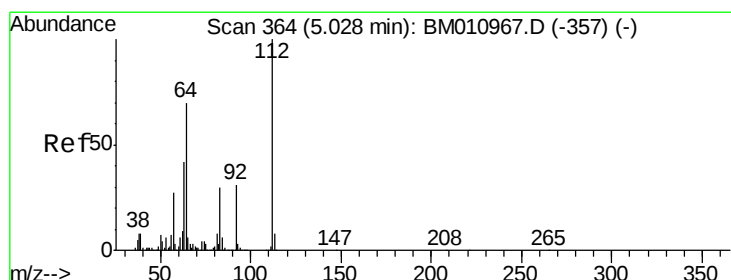
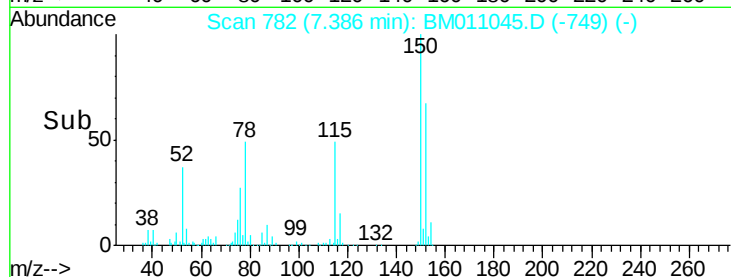
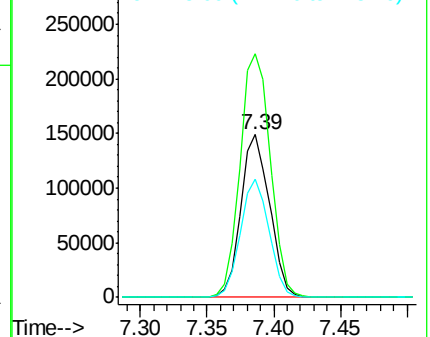
115 72.7 43.0 64.4#



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: 17.14 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

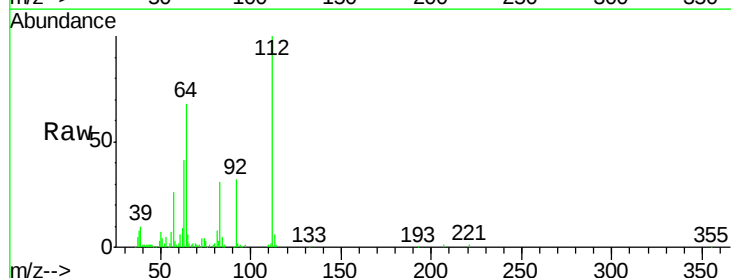
Tgt Ion:112 Resp: 225199

Ion Ratio Lower Upper

112 100

64 68.1 38.6 57.8#

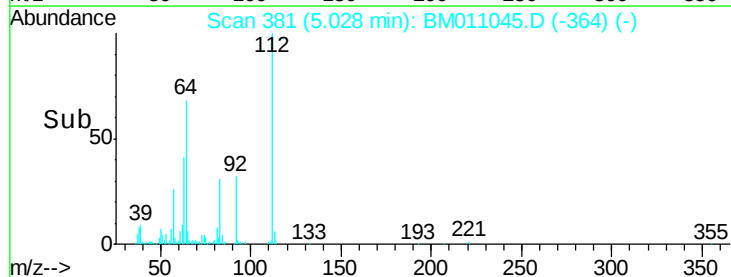
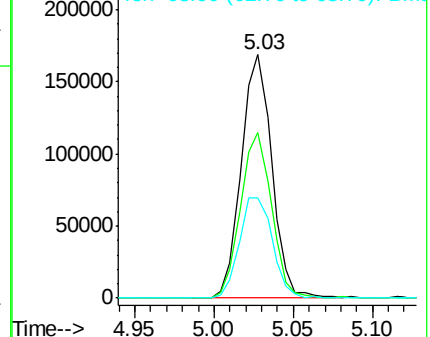
63 41.2 19.3 28.9#

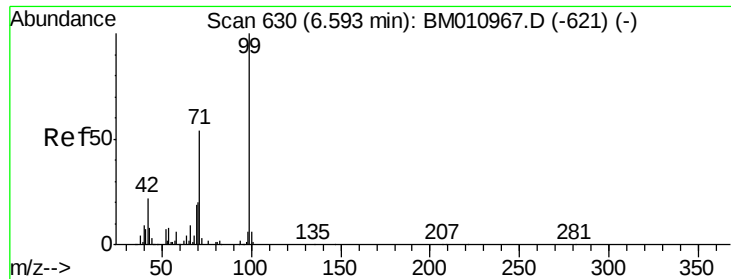


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 15.47 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

Instrument :

BNA_M

ClientSampled :

DUP

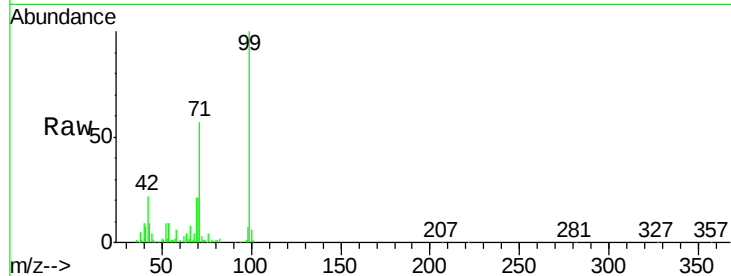
Tot Ion: 99 Resp: 288808

Ion Ratio Lower Upper

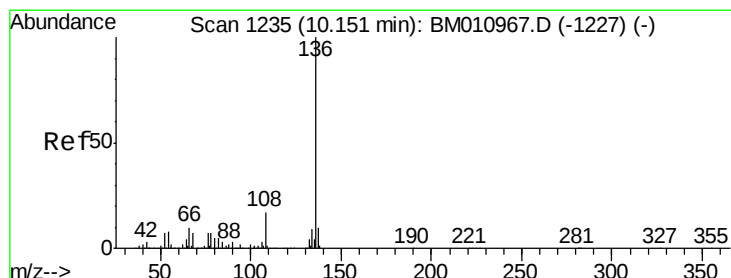
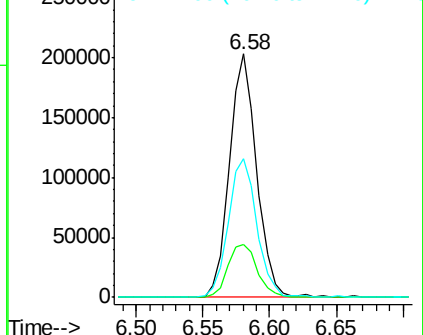
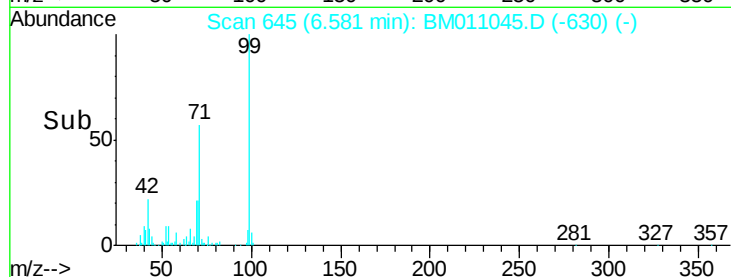
99 100

42 21.8 11.0 16.4#

71 56.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011045.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

Tgt Ion: 136 Resp: 856640

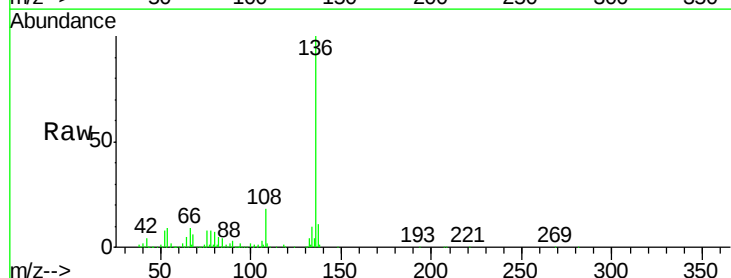
Ion Ratio Lower Upper

136 100

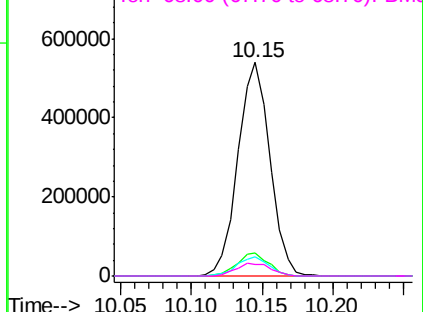
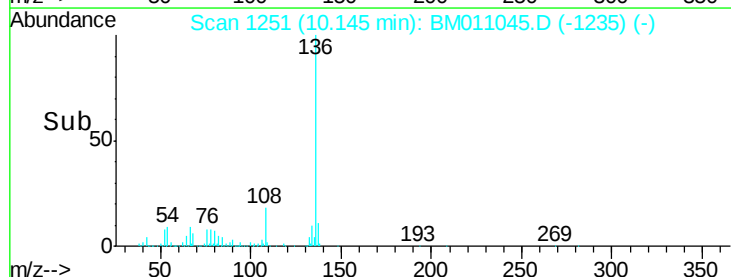
137 10.7 8.7 13.1

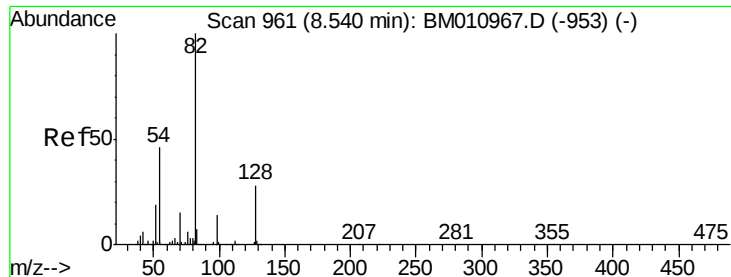
54 9.2 4.6 6.8#

68 5.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011045.D (-1235) (-)



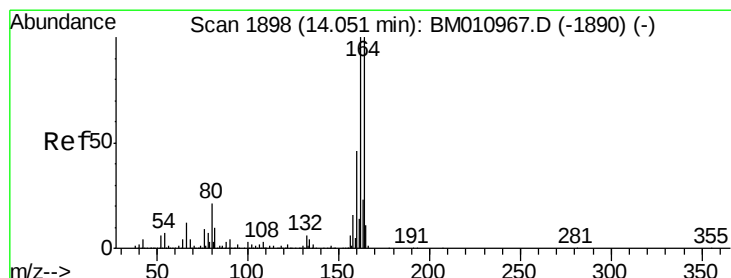
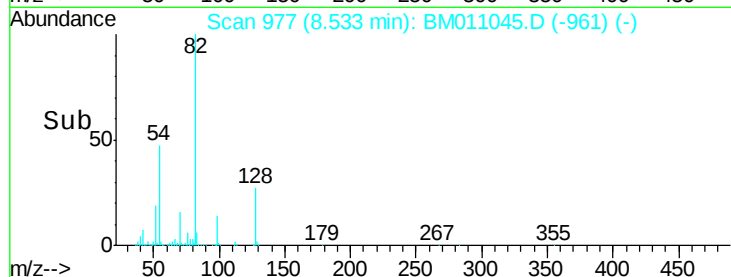
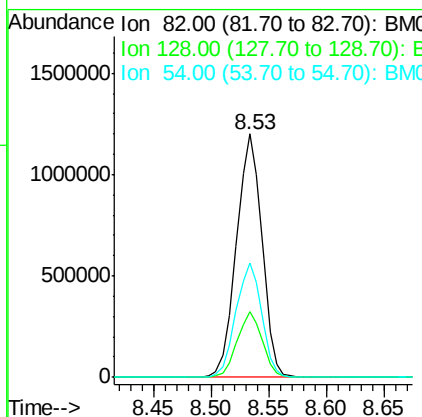
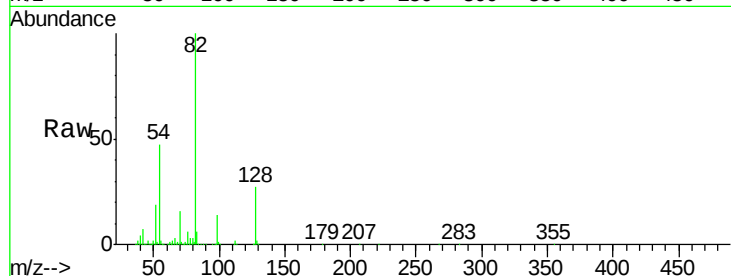


#23
 Nitrobenzene-d5
 Concen: 80.55 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011045.D
 Acq: 28 Jul 2017 17:07

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Tot Ion: 82 Resp: 1838610

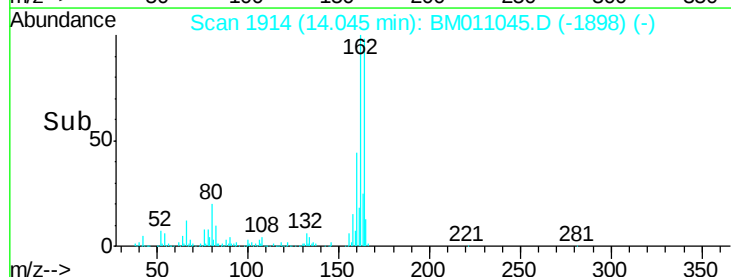
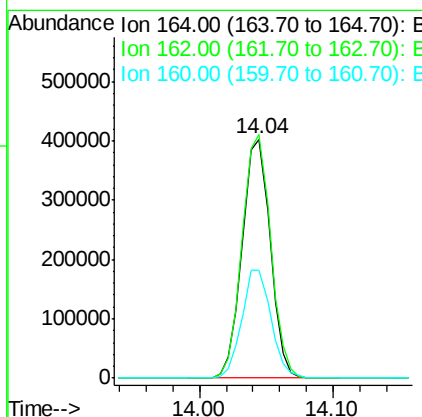
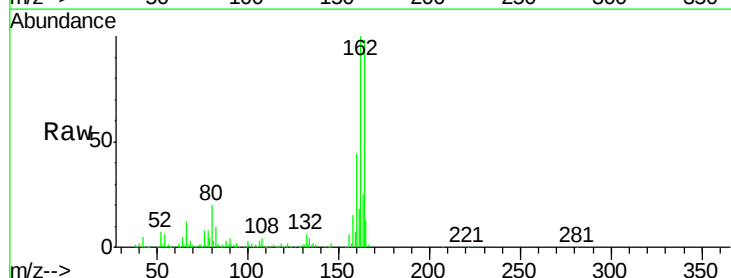
Ion	Ratio	Lower	Upper
82	100		
128	26.9	32.8	49.2#
54	46.8	40.6	60.8

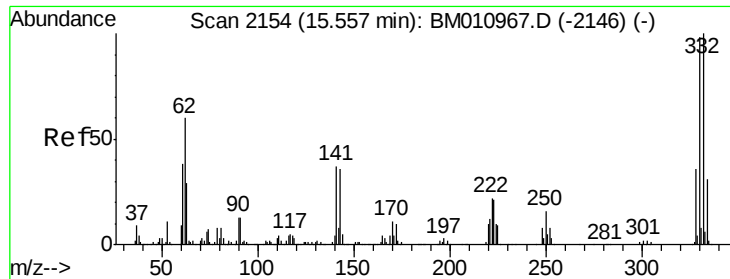


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011045.D
 Acq: 28 Jul 2017 17:07

Tgt Ion: 164 Resp: 586291

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	45.1	35.8	53.6

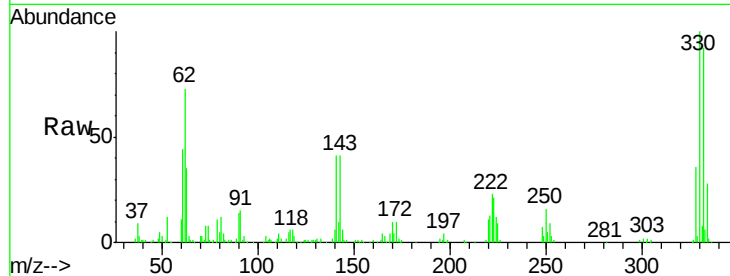




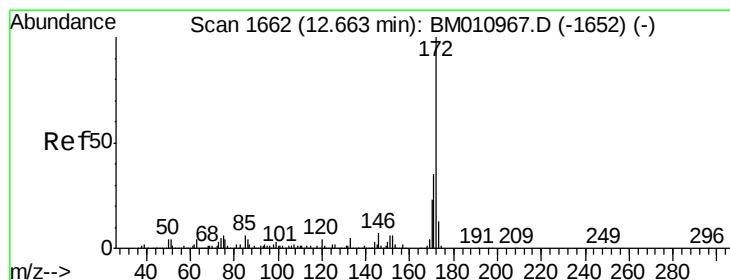
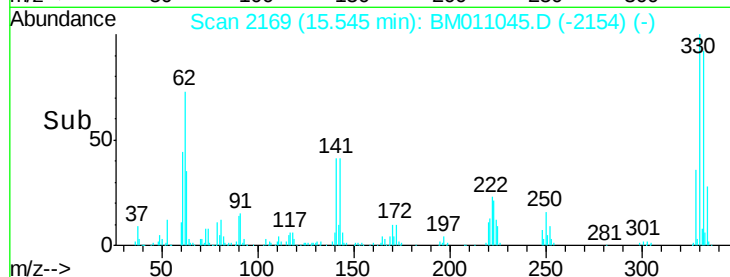
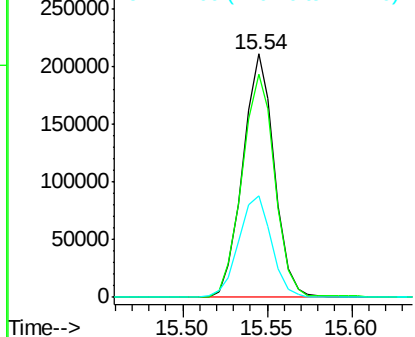
#41
 2,4,6-Tribromophenol
 Concen: 29.19 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011045.D
 Acq: 28 Jul 2017 17:07

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	43.4	0.0	0.0#

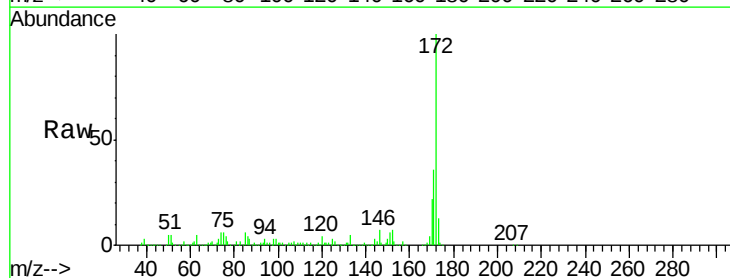


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

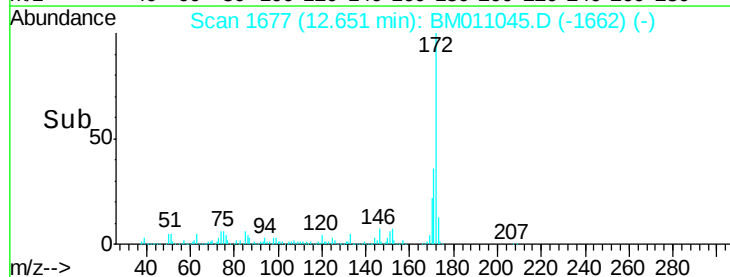
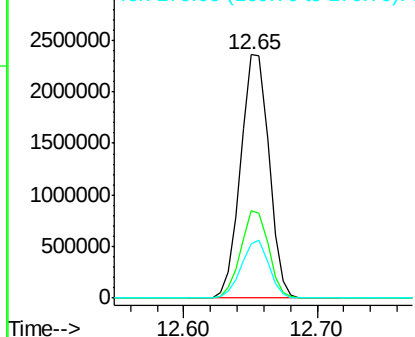


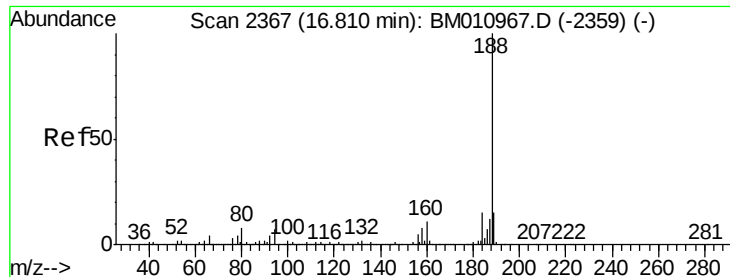
#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011045.D
 Acq: 28 Jul 2017 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	22.3	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

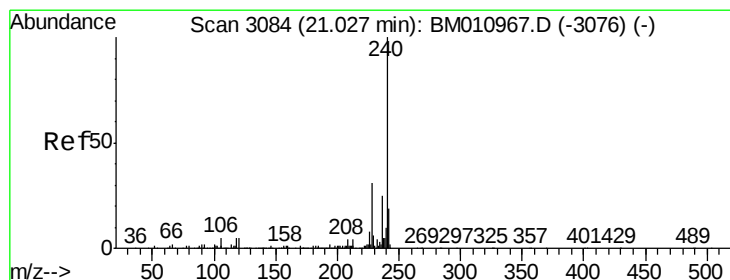
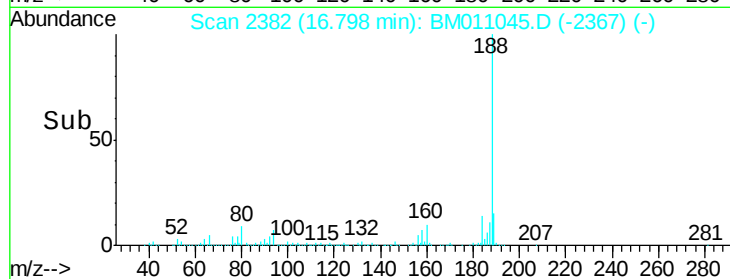
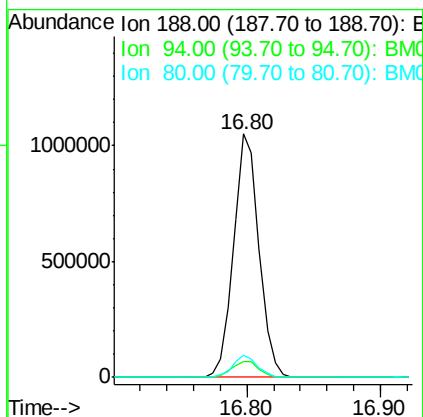
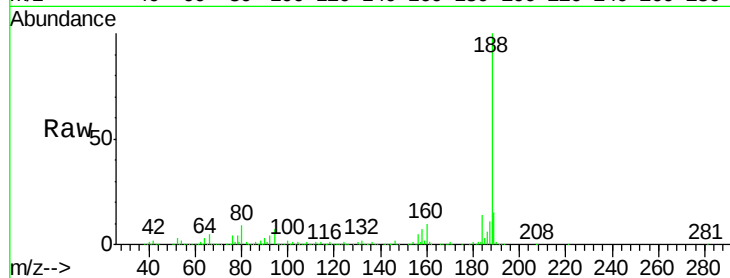




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011045.D
Acq: 28 Jul 2017 17:07

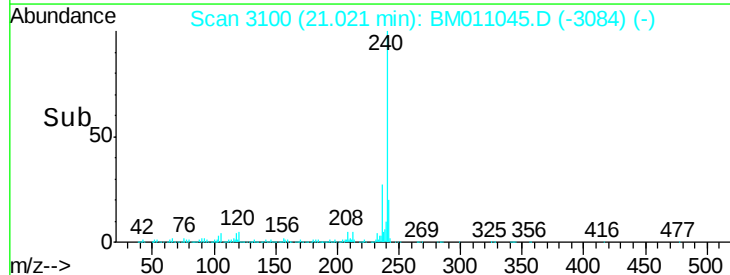
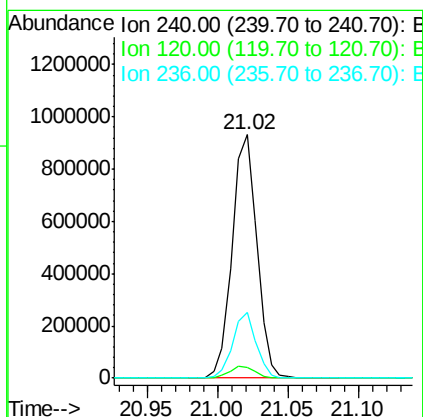
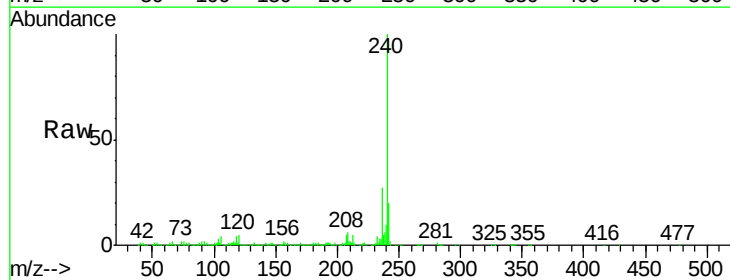
Instrument :
BNA_M
ClientSampleID :
DUP

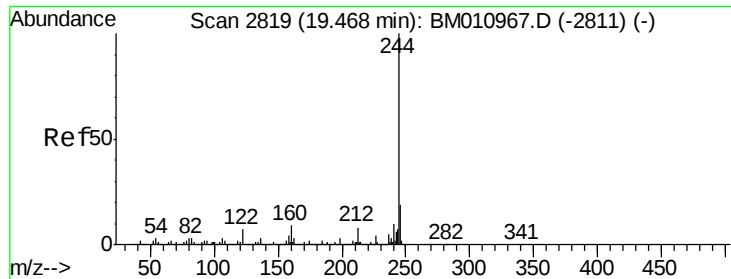
Tot Ion:188 Resp: 1390221
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011045.D
Acq: 28 Jul 2017 17:07

Tgt Ion:240 Resp: 1141560
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 26.9 20.0 30.0





#78

Terphenyl-d14

Concen: 83.66 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

Instrument :

BNA_M

ClientSampleID :

DUP

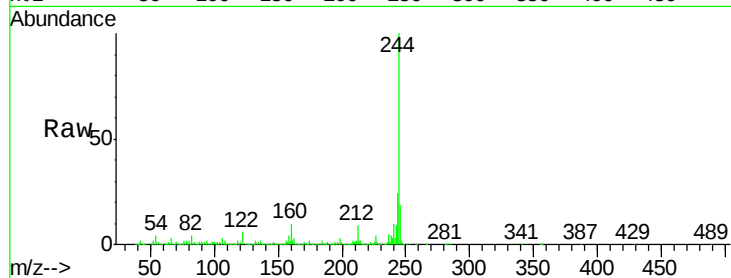
Tot Ion:244 Resp: 4820987

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

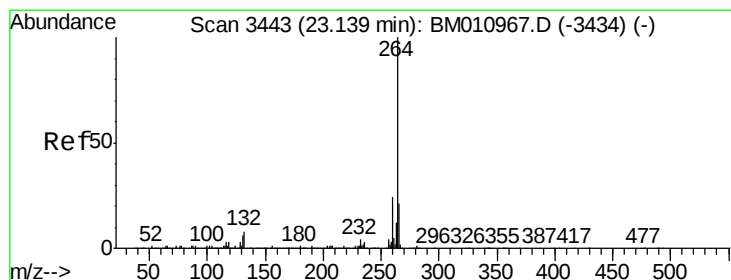
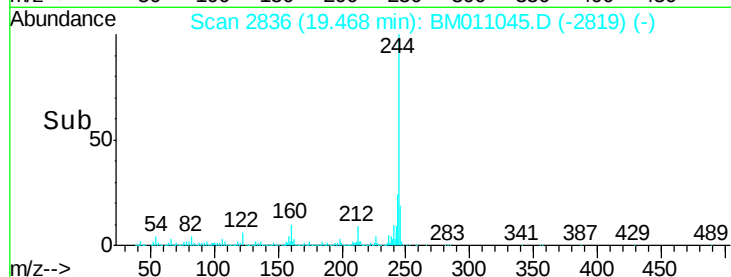
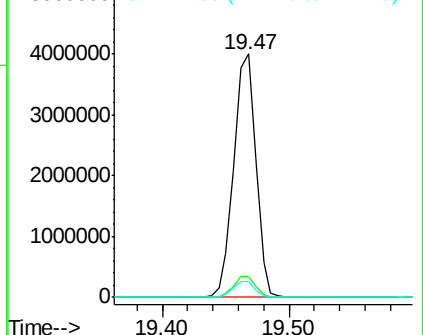
122 6.3 6.2 9.4



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: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011045.D

Acq: 28 Jul 2017 17:07

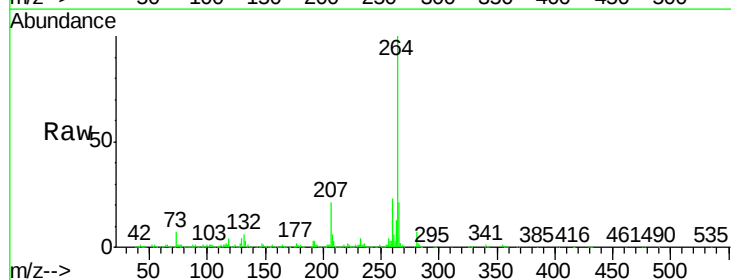
Tgt Ion:264 Resp: 866200

Ion Ratio Lower Upper

264 100

260 23.0 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

