

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011099.D
 Acq On : 02 Aug 2017 18:02
 Operator : SJ/JU
 Sample : I4540-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12003

Quant Time: Aug 03 04:04:32 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	172155	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	592912	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	408272	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1076860	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1153529	20.00	ng	-0.01
86) Perylene-d12	23.13	264	946736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1337071	131.29	ng	0.00
7) Phenol-d6	6.58	99	1724003	119.15	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1727579	109.36	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	992023	151.60	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3155187	96.92	ng	-0.01
78) Terphenyl-d14	19.46	244	5431059	93.26	ng	0.00

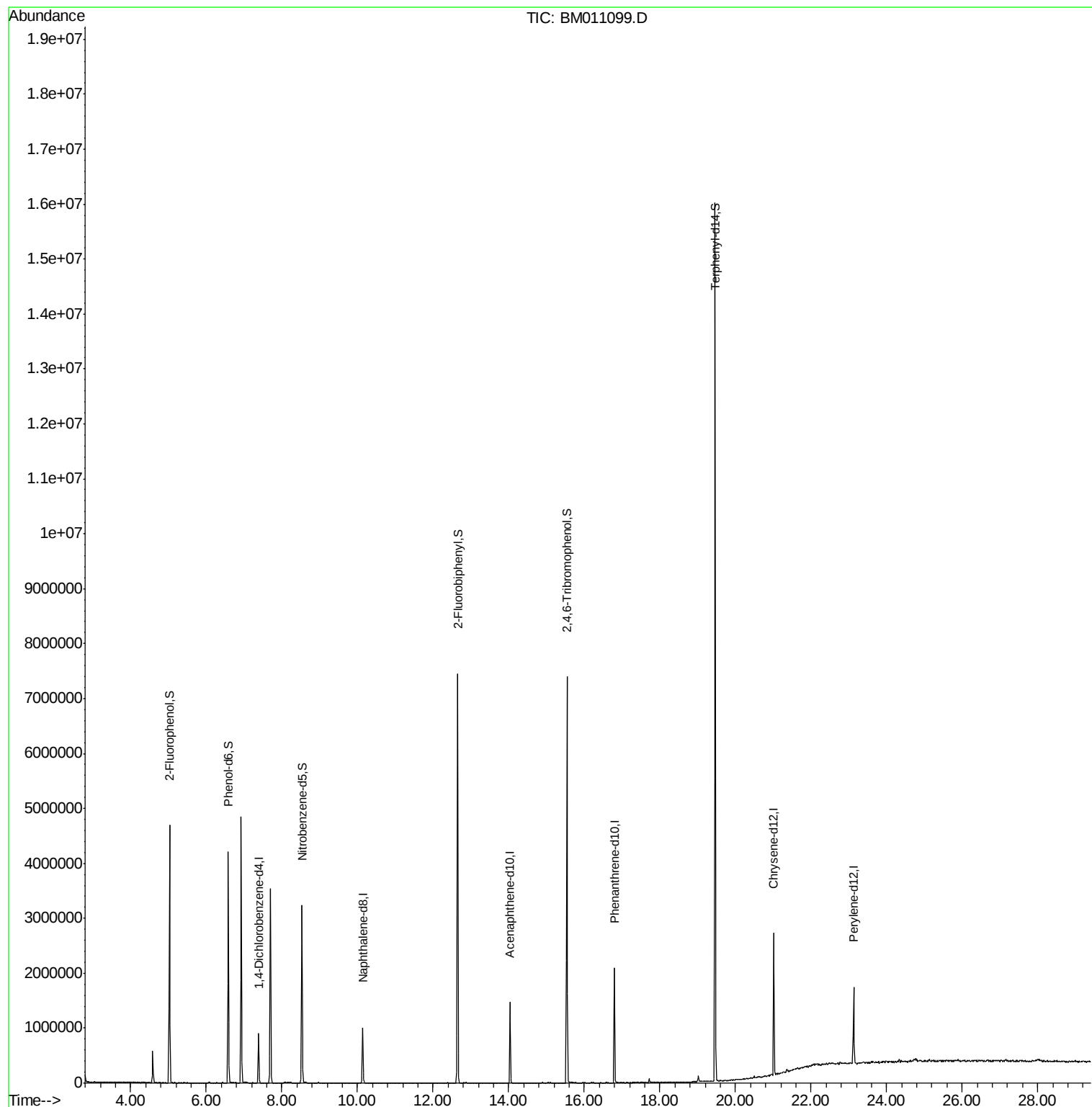
Target Compounds Qvalue

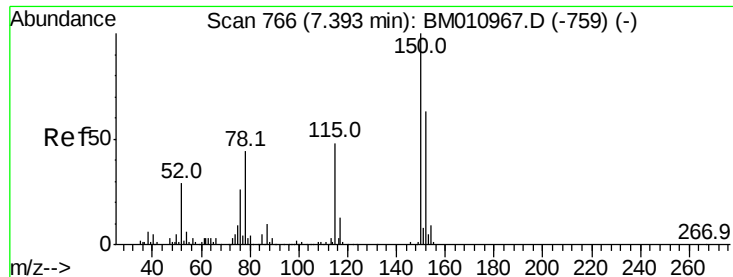
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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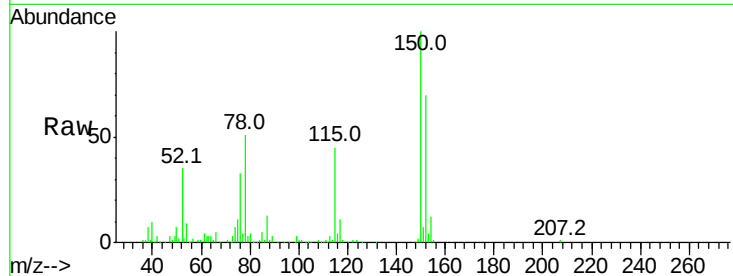


#1

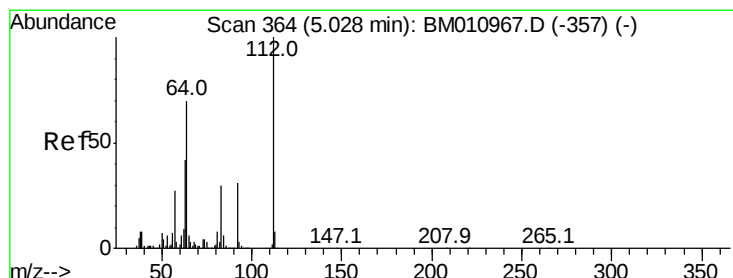
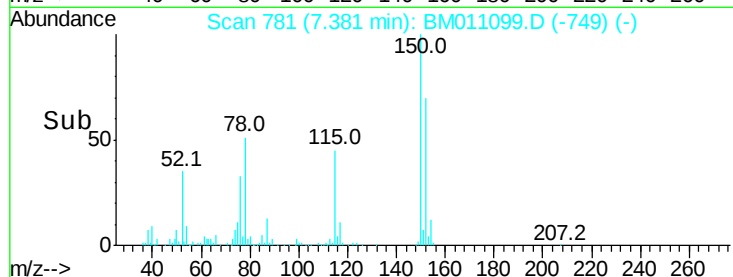
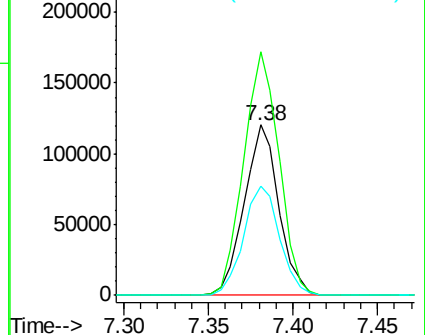
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011099.D
Acq: 02 Aug 2017 18:02

Instrument :
BNA_M
ClientSampleId :
72-12003

Tot Ion:152 Resp: 172155
Ion Ratio Lower Upper
152 100
150 143.0 119.5 179.3
115 64.5 43.0 64.4#



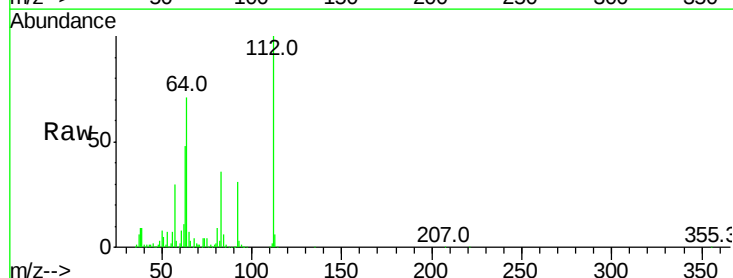
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



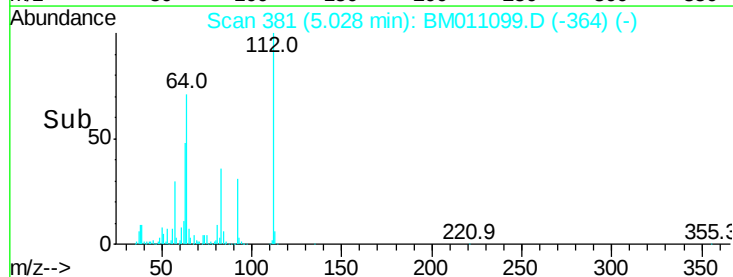
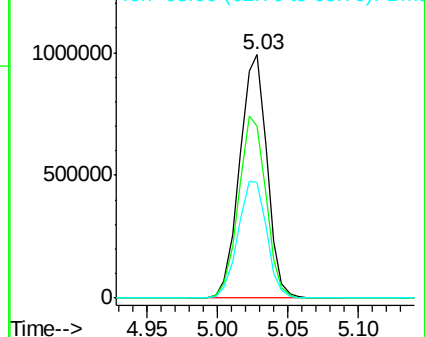
#5

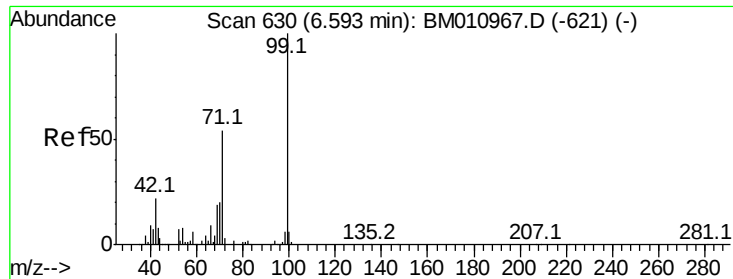
2-Fluorophenol
Concen: 131.291 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011099.D
Acq: 02 Aug 2017 18:02

Tgt Ion:112 Resp: 1337071
Ion Ratio Lower Upper
112 100
64 70.9 38.6 57.8#
63 47.6 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: 119.146 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011099.D

Acq: 02 Aug 2017 18:02

Instrument :

BNA_M

ClientSampleId :

72-12003

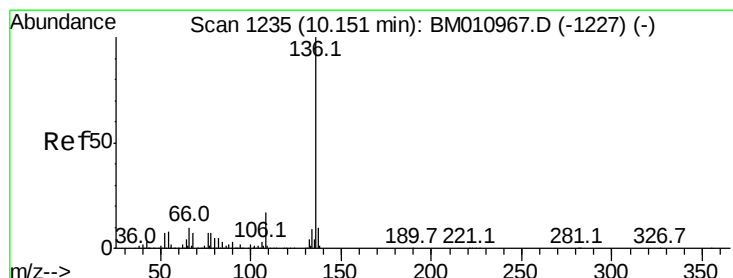
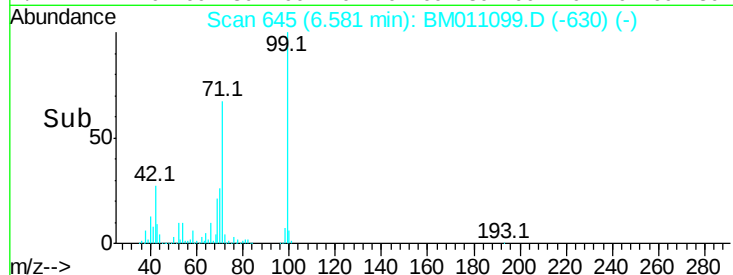
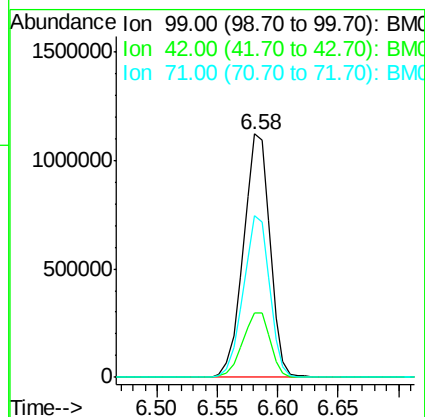
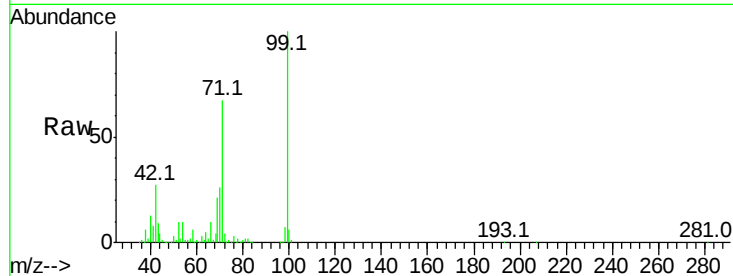
Tot Ion: 99 Resp: 1724003

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

71 66.6 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: BM011099.D

Acq: 02 Aug 2017 18:02

Tgt Ion: 136 Resp: 592912

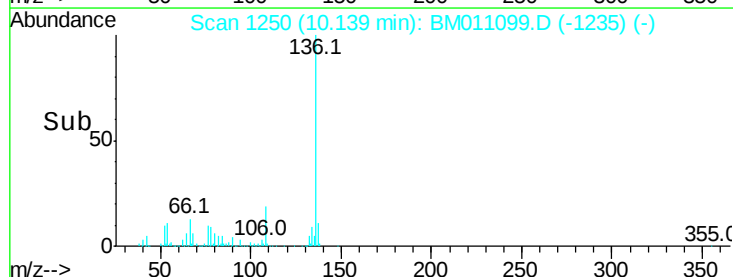
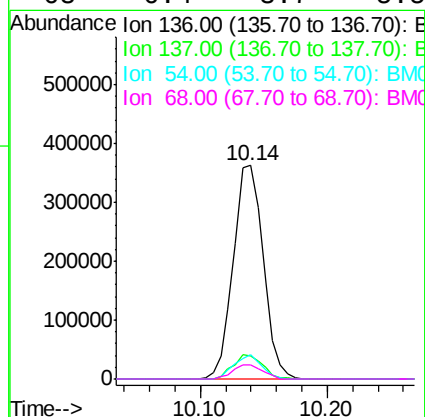
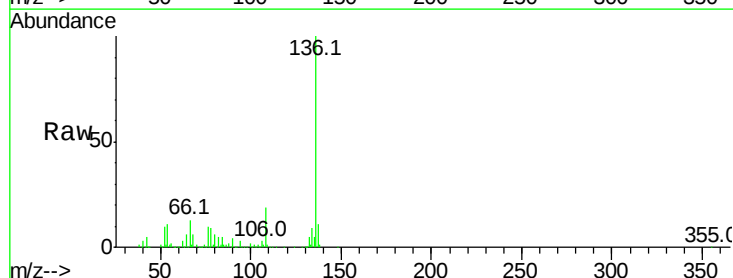
Ion Ratio Lower Upper

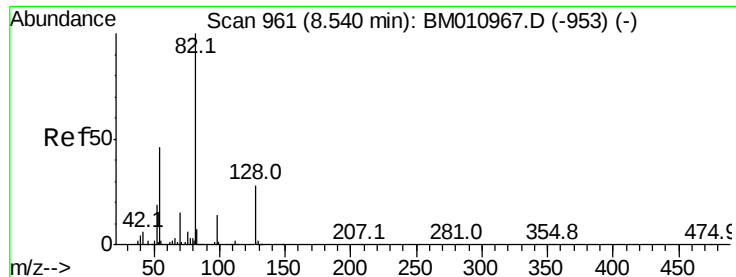
136 100

137 10.8 8.7 13.1

54 11.1 4.6 6.8#

68 6.4 3.7 5.5#



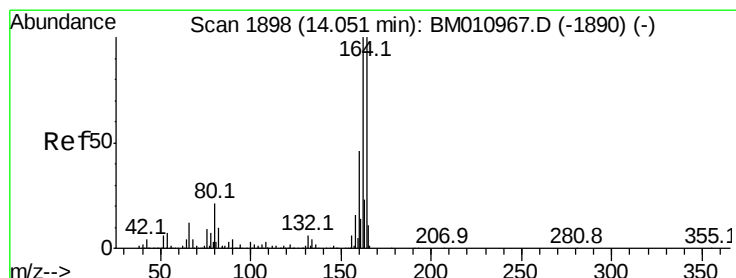
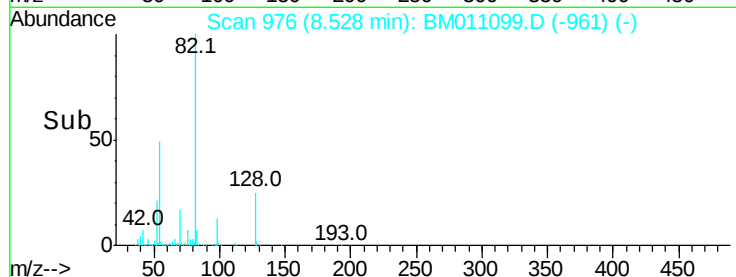
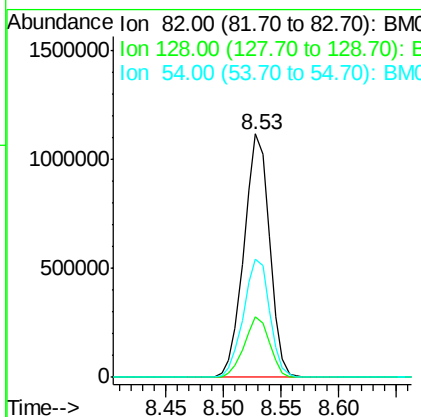
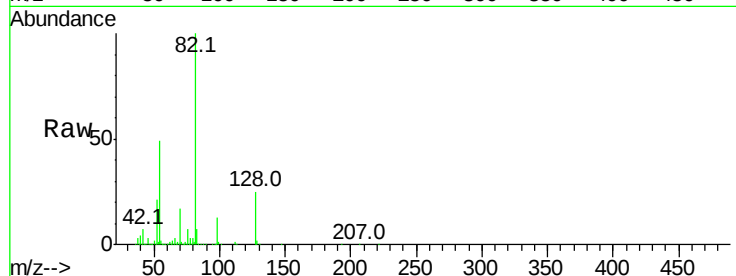


#23
 Nitrobenzene-d5
 Concen: 109.357 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011099.D
 Acq: 02 Aug 2017 18:02

Instrument :
 BNA_M
 ClientSampled :
 72-12003

Tot Ion: 82 Resp: 1727579

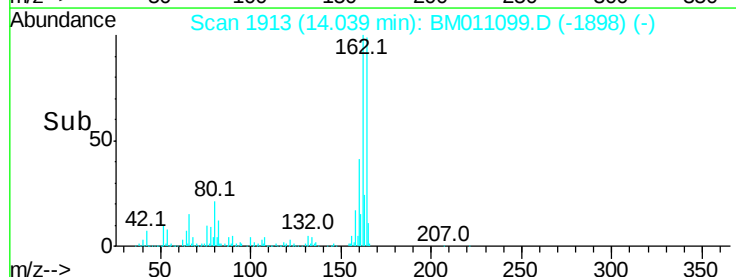
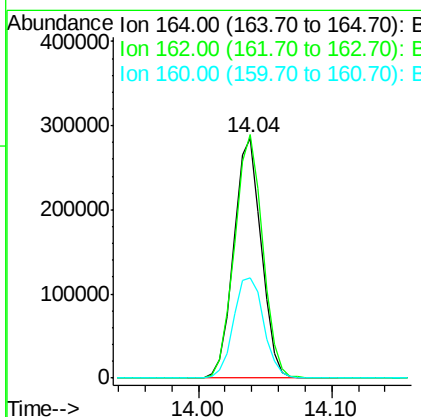
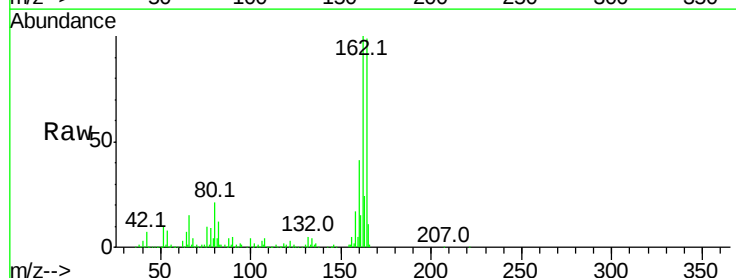
Ion	Ratio	Lower	Upper
82	100		
128	24.7	32.8	49.2#
54	48.8	40.6	60.8

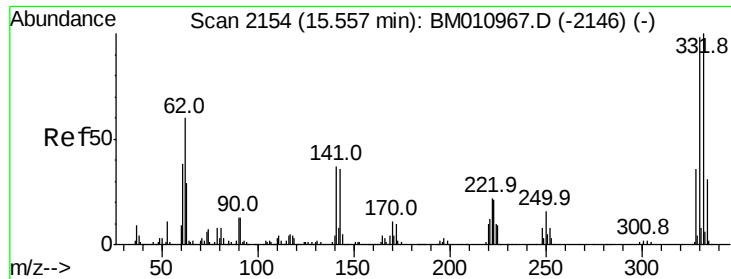


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011099.D
 Acq: 02 Aug 2017 18:02

Tgt Ion:164 Resp: 408272

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	41.8	35.8	53.6

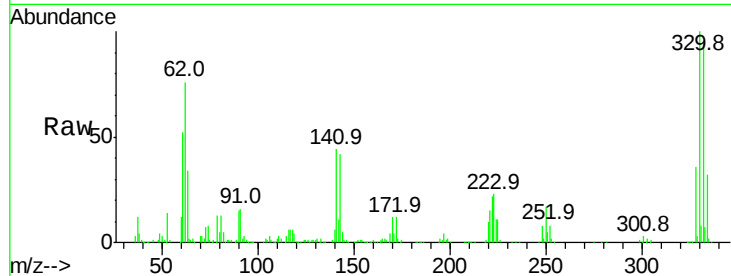




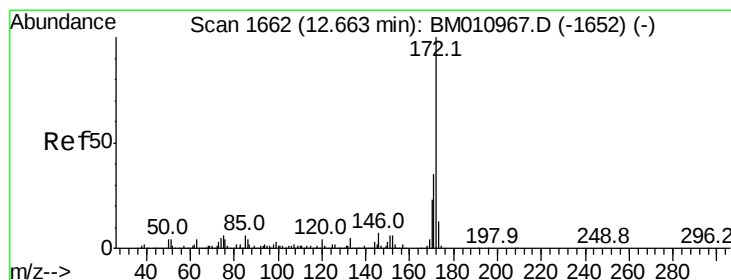
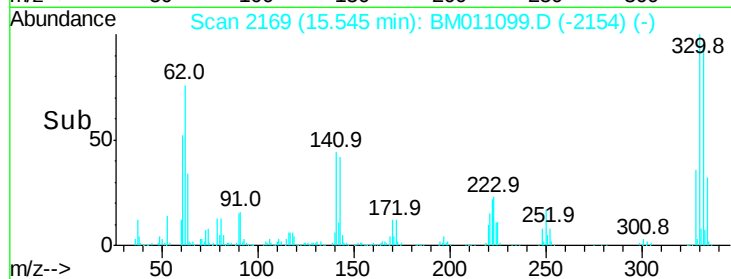
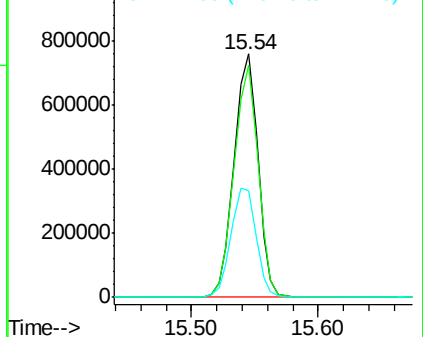
#41
 2,4,6-Tribromophenol
 Concen: 151.599 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011099.D
 Acq: 02 Aug 2017 18:02

Instrument :
 BNA_M
 ClientSampleId :
 72-12003

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	47.1	0.0	0.0#

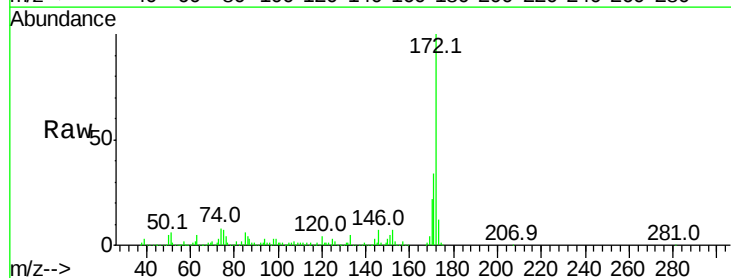


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

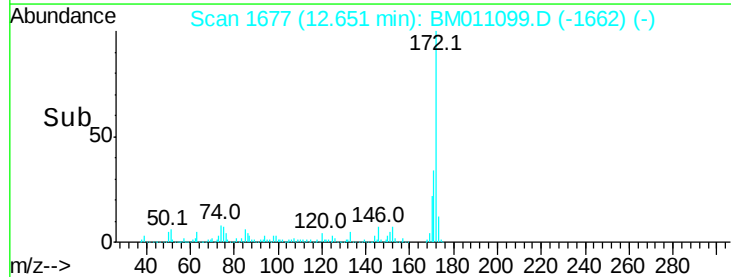
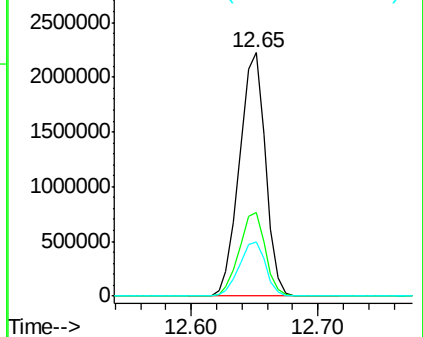


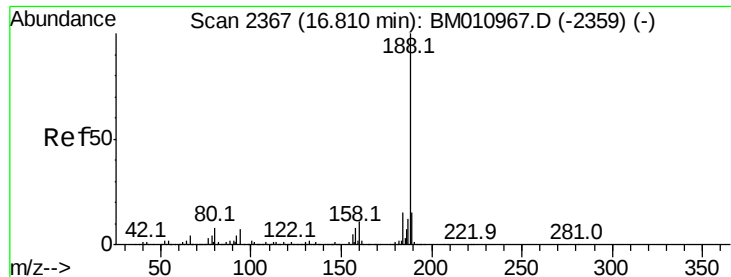
#44
 2-Fluorobiphenyl
 Concen: 96.922 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011099.D
 Acq: 02 Aug 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.2	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

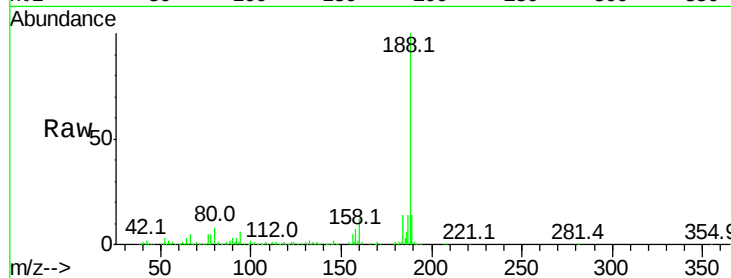




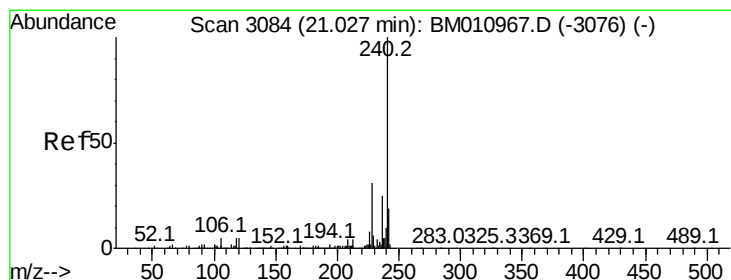
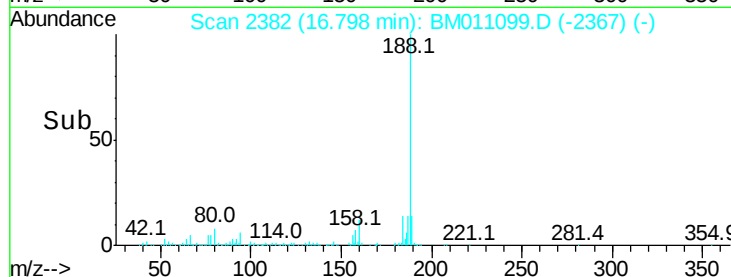
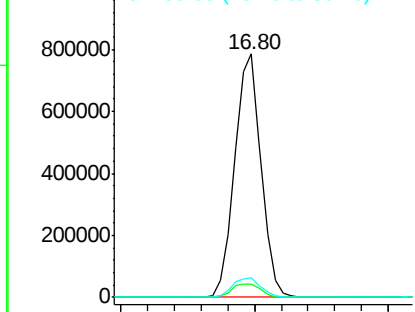
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011099.D
Acq: 02 Aug 2017 18:02

Instrument :
BNA_M
ClientSampled :
72-12003

Tot Ion:188 Resp: 1076860
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 8.1 9.3 13.9#

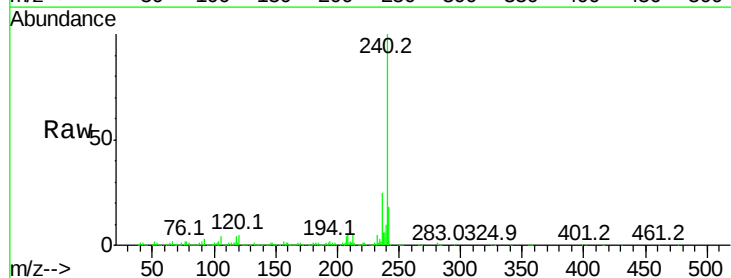


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

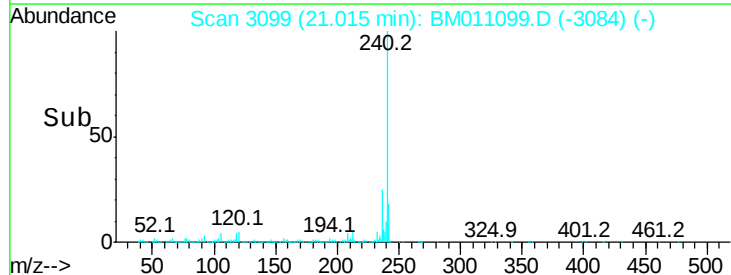
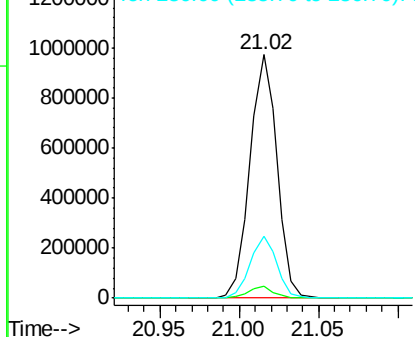


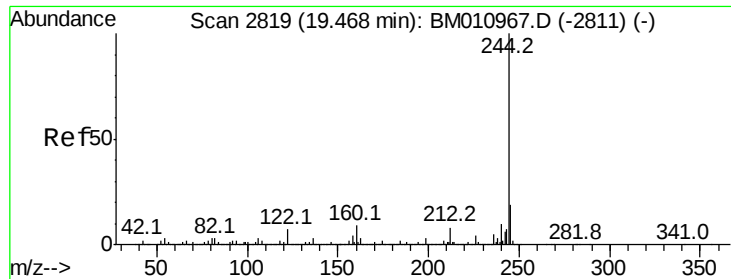
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011099.D
Acq: 02 Aug 2017 18:02

Tgt Ion:240 Resp: 1153529
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.4 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: 93.264 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011099.D

Acq: 02 Aug 2017 18:02

Instrument :

BNA_M

ClientSampleId :

72-12003

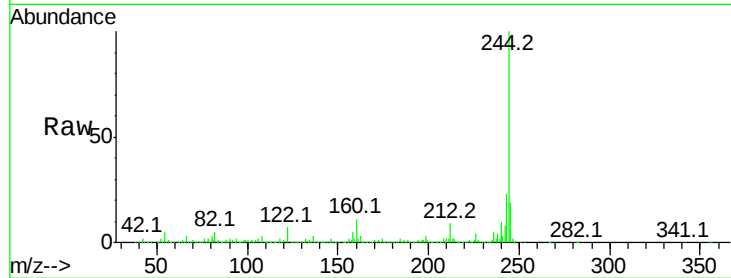
Tot Ion:244 Resp: 5431059

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

244 100

212 9.0 4.9 7.3#

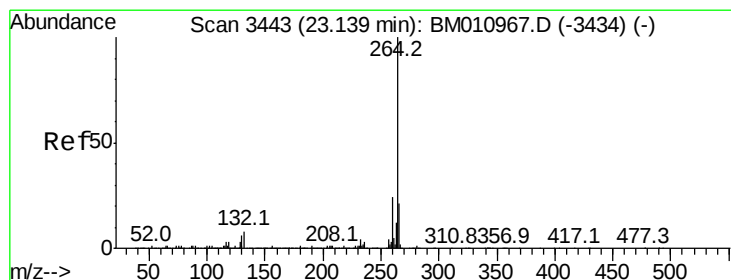
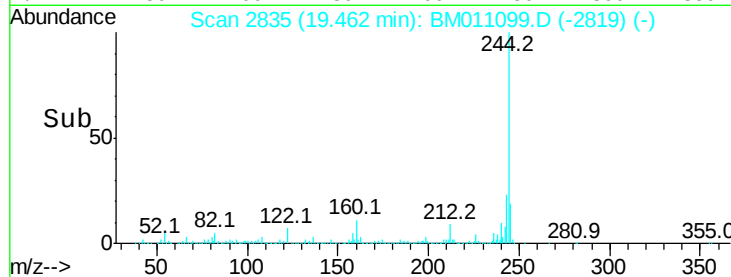
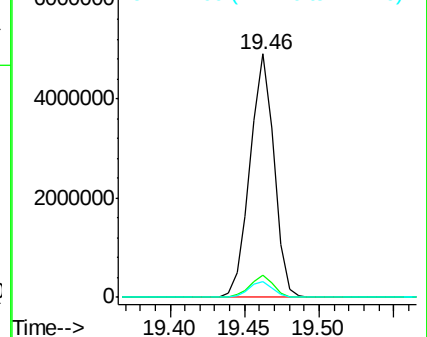
122 6.6 6.2 9.4



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011099.D

Acq: 02 Aug 2017 18:02

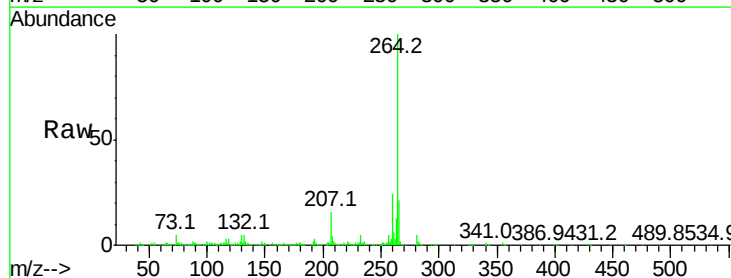
Tgt Ion:264 Resp: 946736

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	20.9	17.3	25.9

264 100

260 24.2 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

