

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011329.D
 Acq On : 22 Aug 2017 16:19
 Operator : SJ/JU
 Sample : PB101735BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101735BL

Quant Time: Aug 23 03:26:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	127574	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	460139	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	282462	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	708016	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	927341	20.00	ng	-0.02
86) Perylene-d12	22.99	264	863151	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	951909	126.13	ng	-0.02
7) Phenol-d6	6.47	99	1320221	123.12	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1170003	95.43	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	475071	104.94	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1788775	79.42	ng	-0.02
78) Terphenyl-d14	19.37	244	3076485	65.72	ng	-0.02

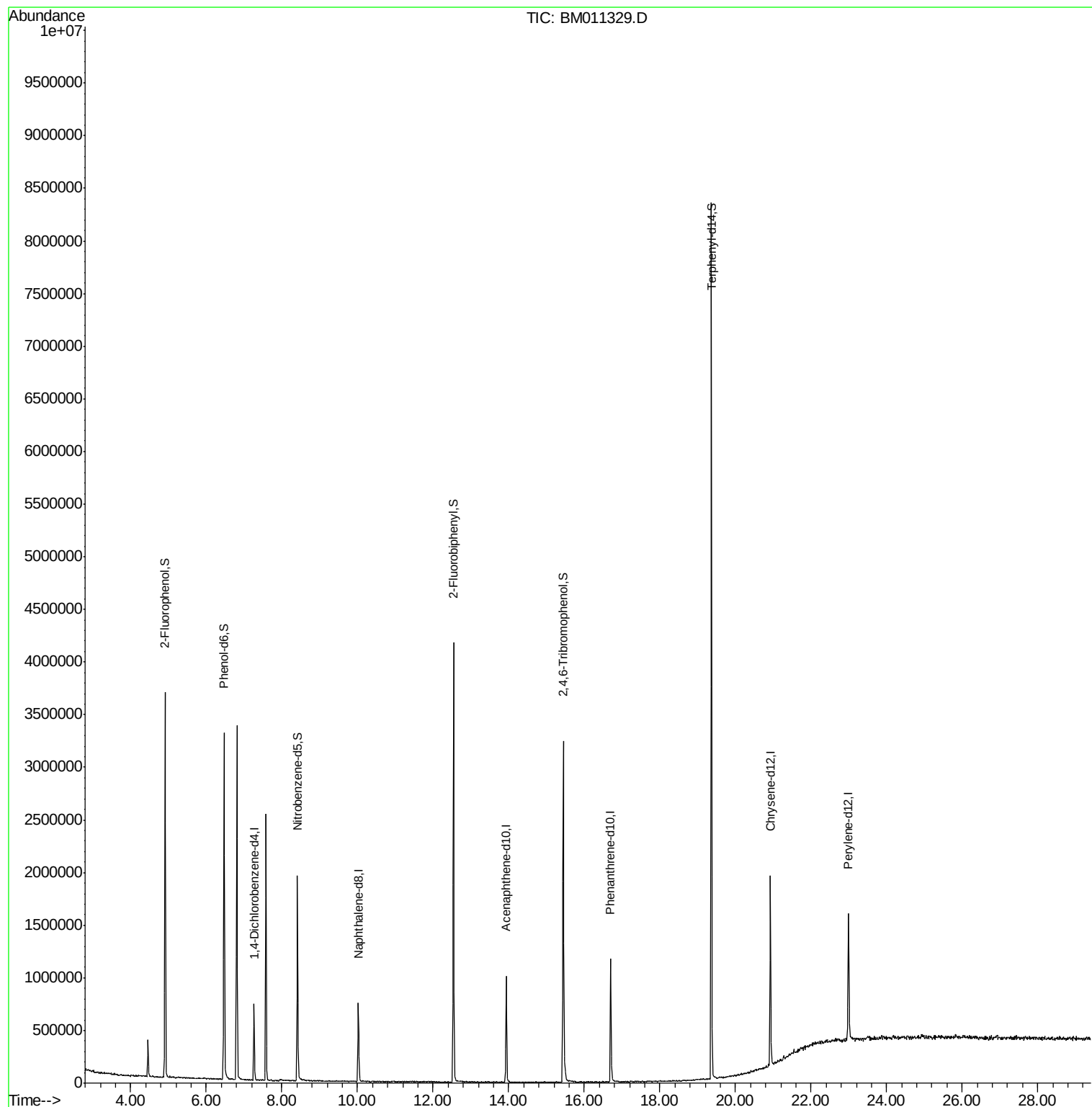
Target Compounds Qvalue

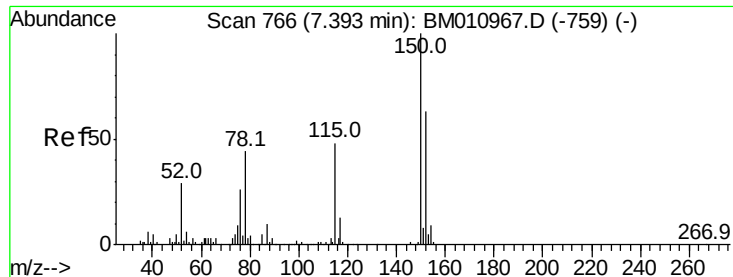
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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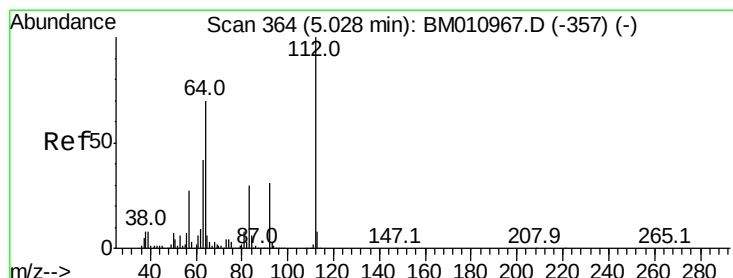
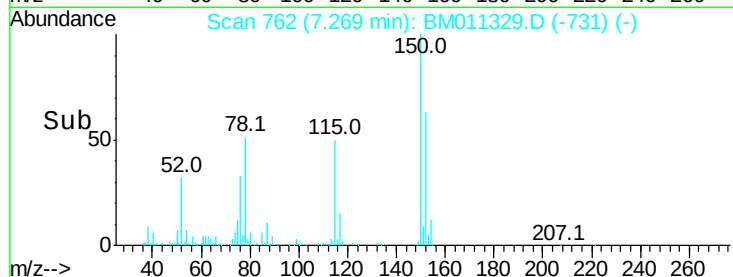
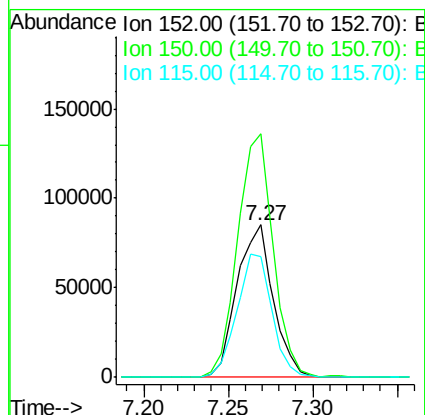
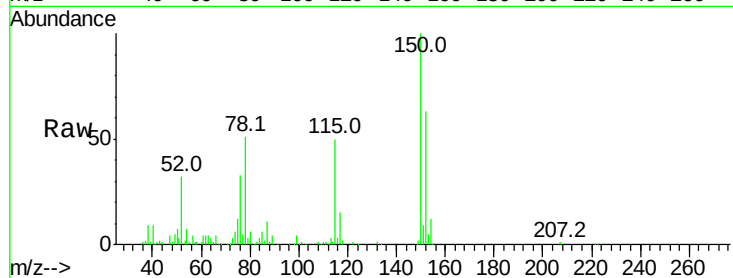


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011329.D
Acq: 22 Aug 2017 16:19

Instrument :
BNA_M
ClientSampleId :
PB101735BL

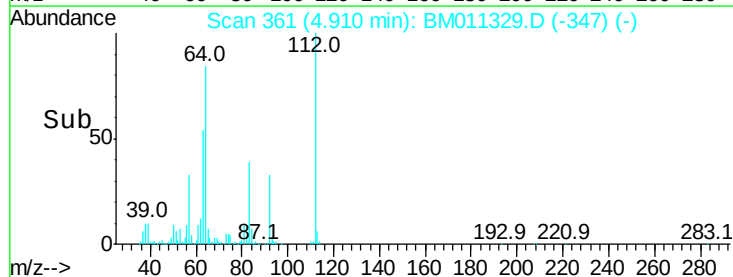
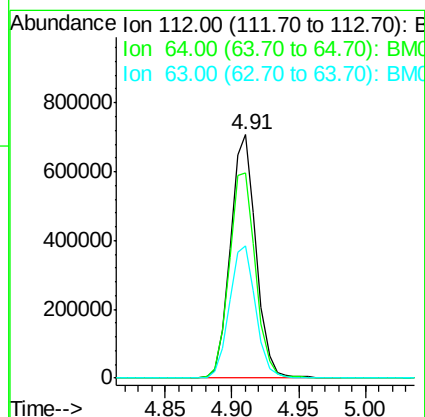
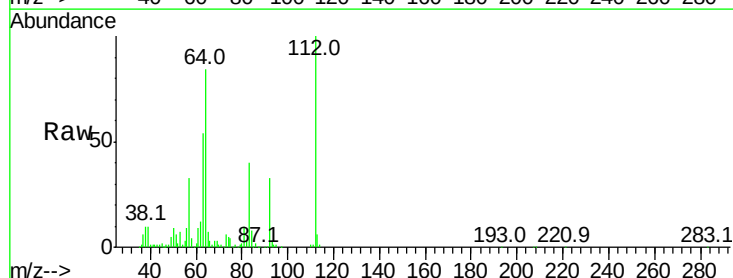
Tot Ion:152 Resp: 127574
Ion Ratio Lower Upper
152 100
150 159.5 119.5 179.3
115 79.2 43.0 64.4#

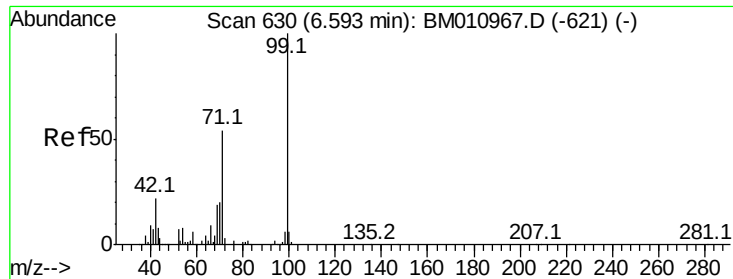


#5

2-Fluorophenol
Concen: 126.134 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011329.D
Acq: 22 Aug 2017 16:19

Tgt Ion:112 Resp: 951909
Ion Ratio Lower Upper
112 100
64 84.1 38.6 57.8#
63 54.5 19.3 28.9#





#7

Phenol-d6

Concen: 123.125 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011329.D

Acq: 22 Aug 2017 16:19

Instrument :

BNA_M

ClientSampleId :

PB101735BL

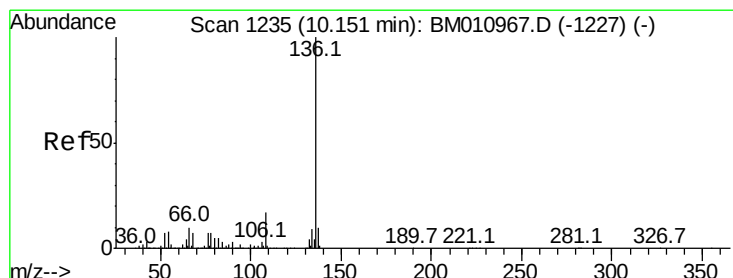
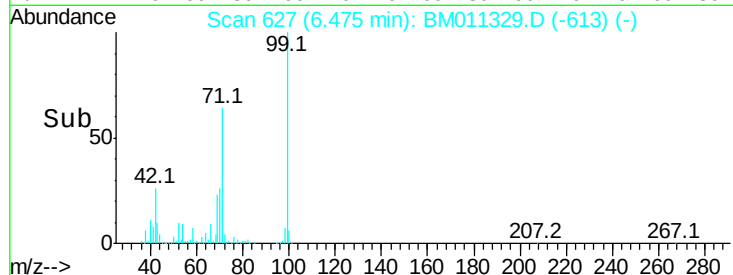
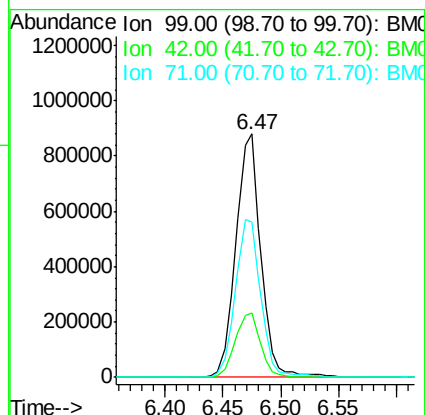
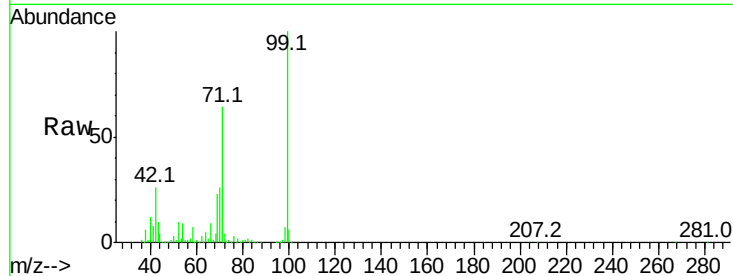
Tot Ion: 99 Resp: 1320221

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 63.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011329.D

Acq: 22 Aug 2017 16:19

Tgt Ion: 136 Resp: 460139

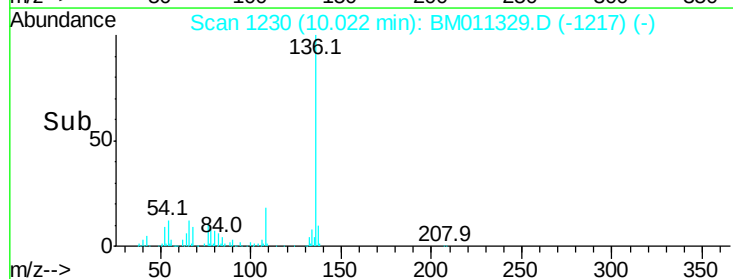
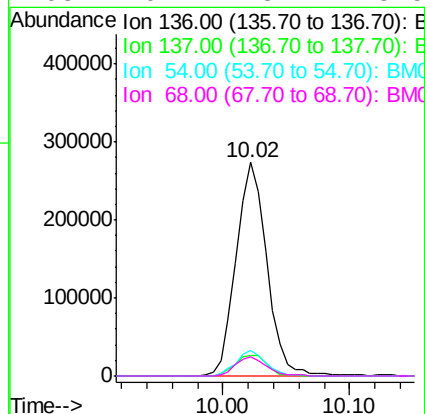
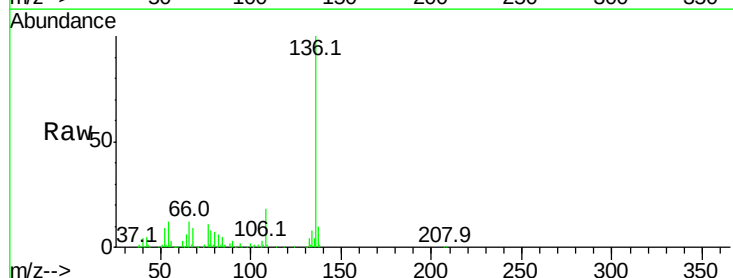
Ion Ratio Lower Upper

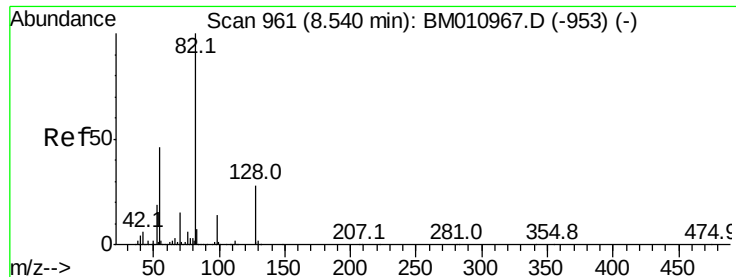
136 100

137 9.6 8.7 13.1

54 11.8 4.6 6.8#

68 9.2 3.7 5.5#



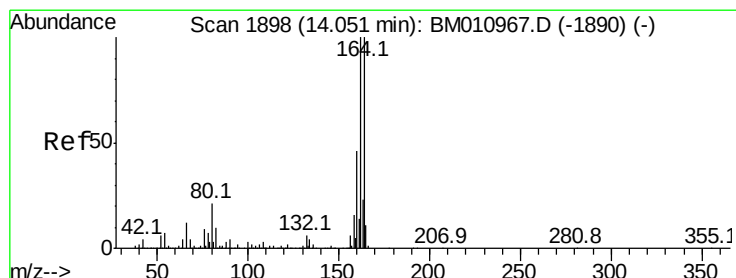
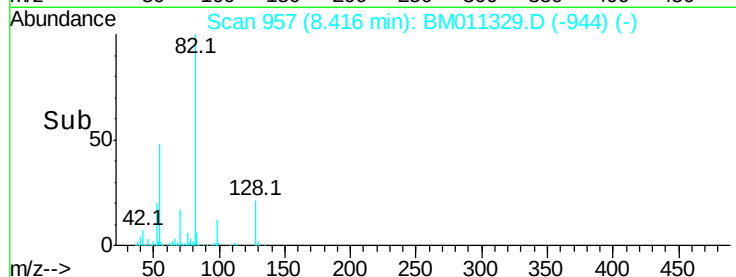
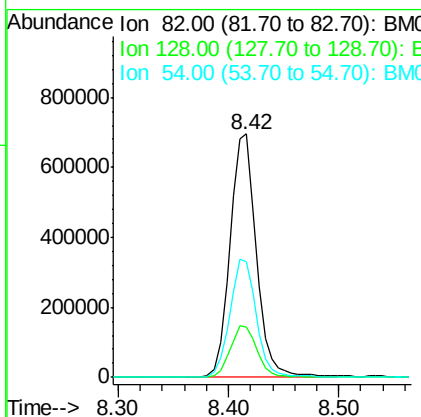
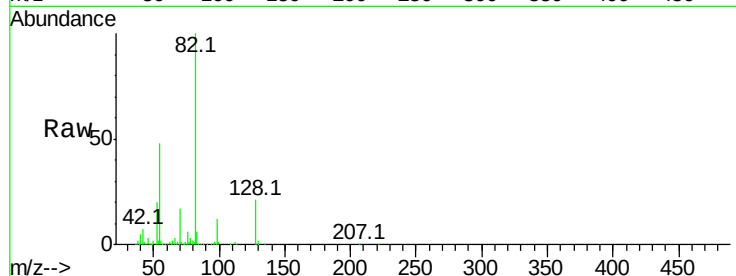


#23
 Nitrobenzene-d5
 Concen: 95.432 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011329.D
 Acq: 22 Aug 2017 16:19

Instrument :
 BNA_M
 ClientSampleId :
 PB101735BL

Tot Ion: 82 Resp: 1170003

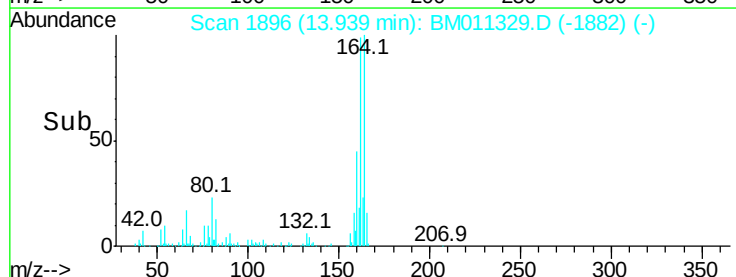
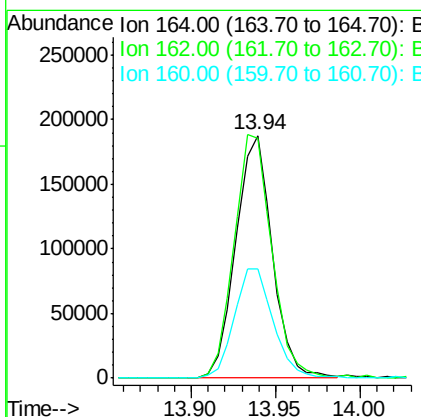
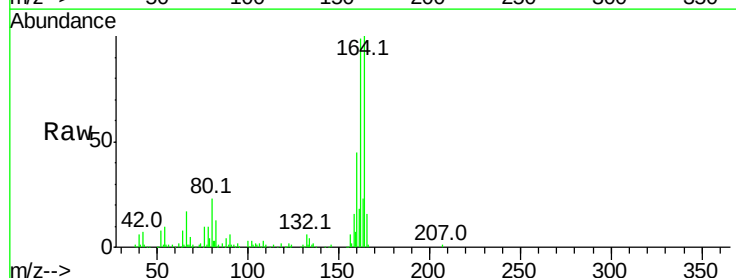
Ion	Ratio	Lower	Upper
82	100		
128	20.7	32.8	49.2#
54	47.7	40.6	60.8

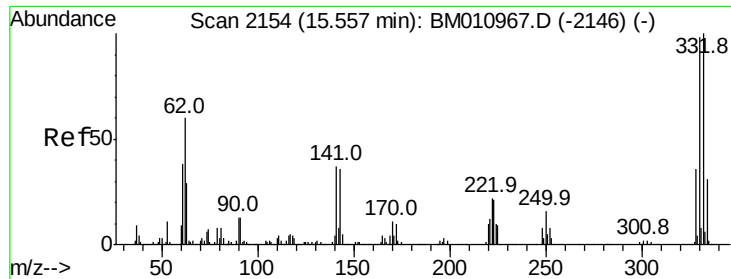


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011329.D
 Acq: 22 Aug 2017 16:19

Tgt Ion: 164 Resp: 282462

Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.4	123.6
160	44.7	35.8	53.6

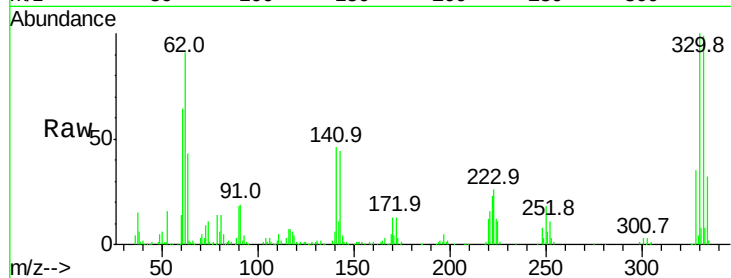




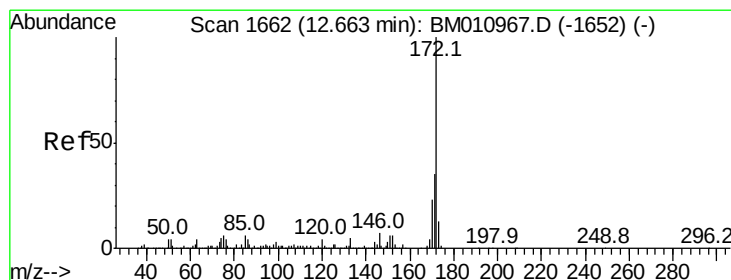
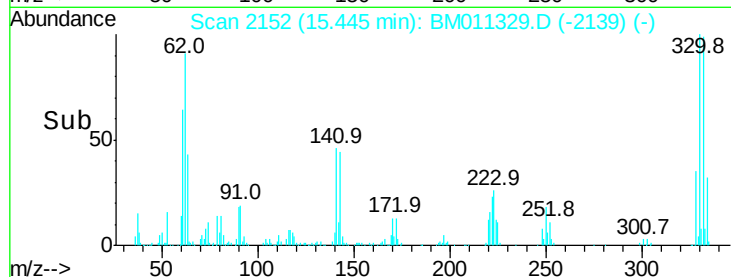
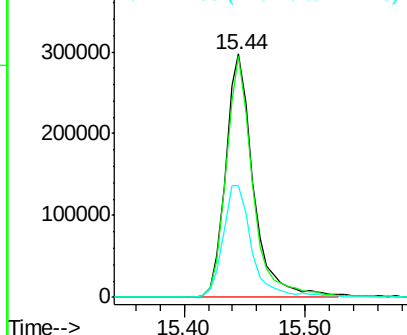
#41
 2,4,6-Tribromophenol
 Concen: 104.935 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011329.D
 Acq: 22 Aug 2017 16:19

Instrument :
 BNA_M
 ClientSampleId :
 PB101735BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	47.8	0.0	0.0#

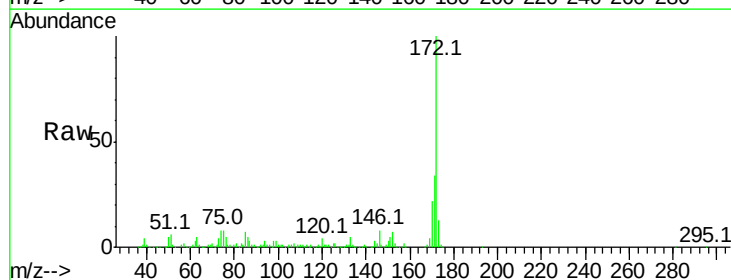


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

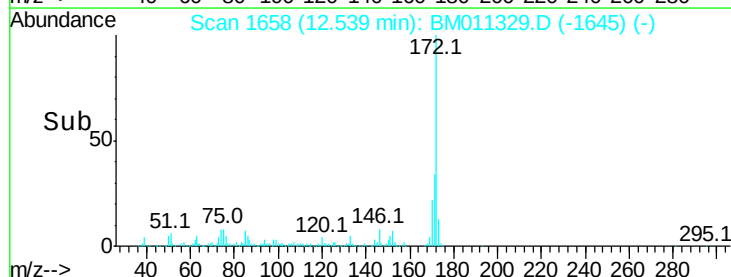
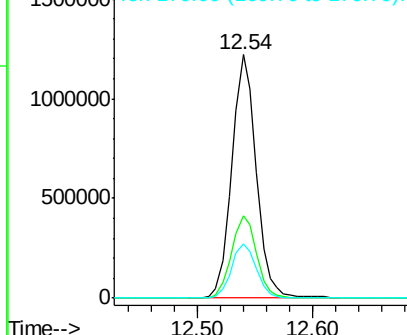


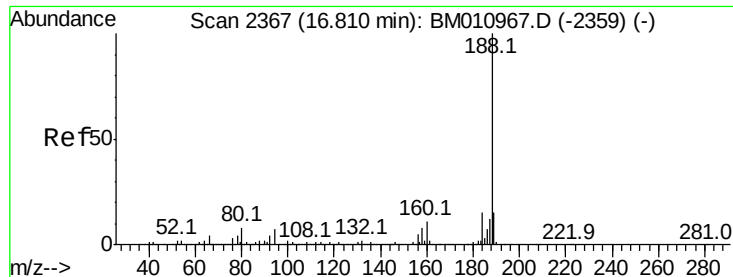
#44
 2-Fluorobiphenyl
 Concen: 79.422 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011329.D
 Acq: 22 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	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

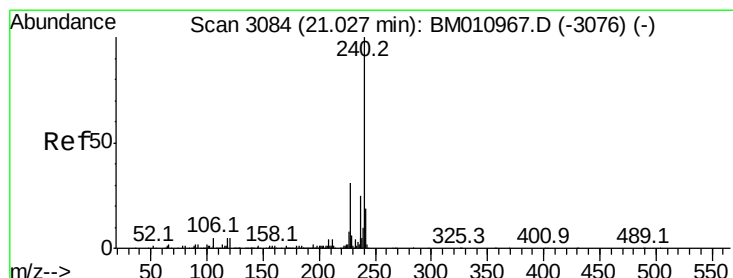
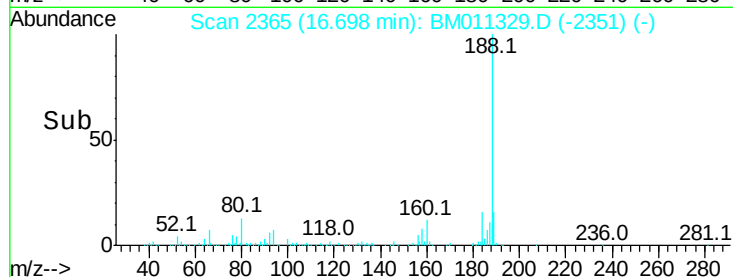
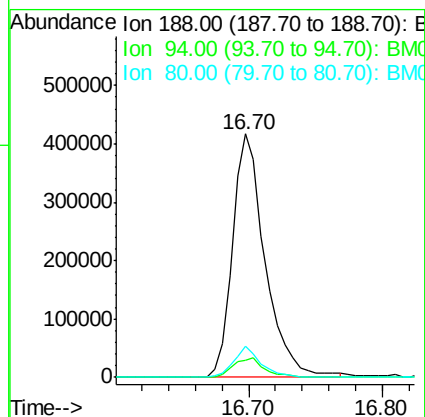
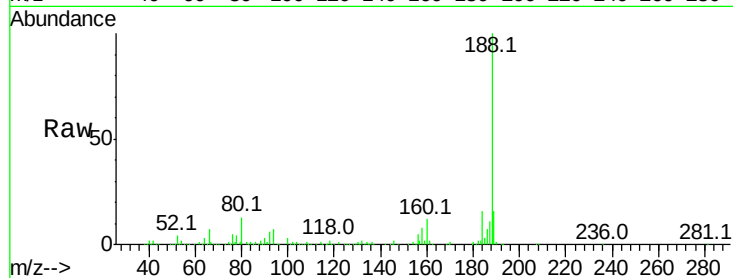




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011329.D
Acq: 22 Aug 2017 16:19

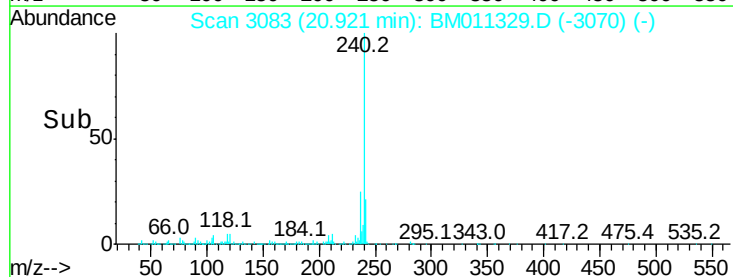
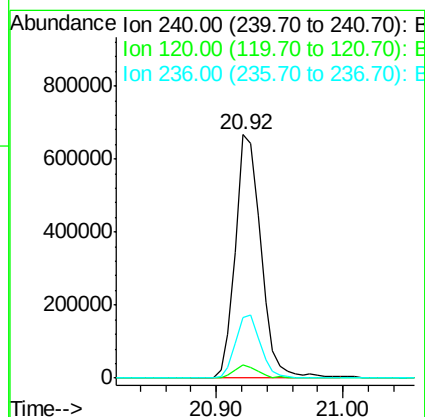
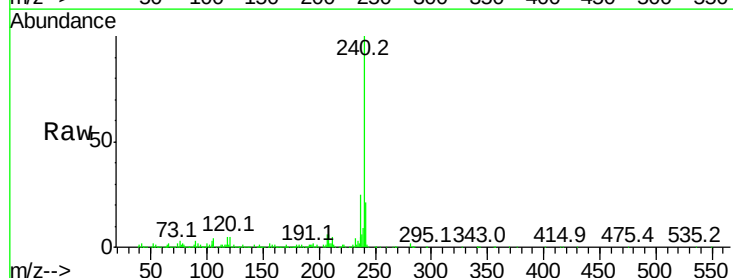
Instrument :
BNA_M
ClientSampleId :
PB101735BL

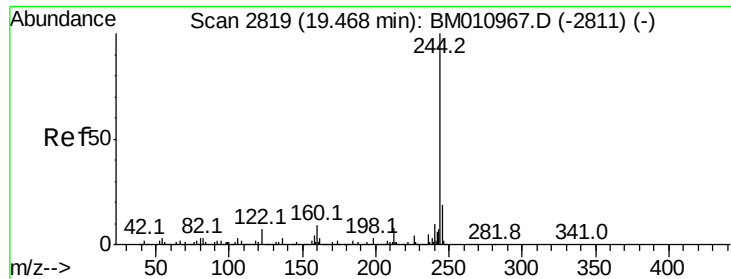
Tot Ion:188 Resp: 708016
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 12.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011329.D
Acq: 22 Aug 2017 16:19

Tgt Ion:240 Resp: 927341
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 24.9 20.0 30.0





#78

Terphenyl-d14

Concen: 65.716 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011329.D

Acq: 22 Aug 2017 16:19

Instrument :

BNA_M

ClientSampleId :

PB101735BL

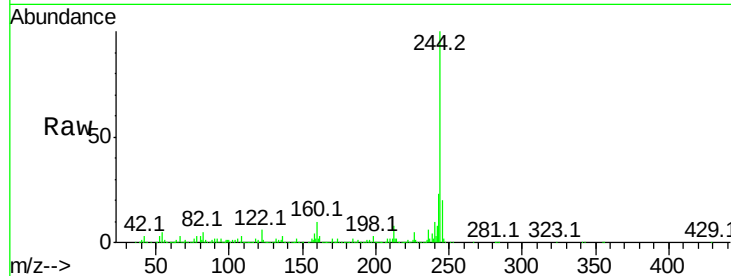
Tot Ion:244 Resp: 3076485

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

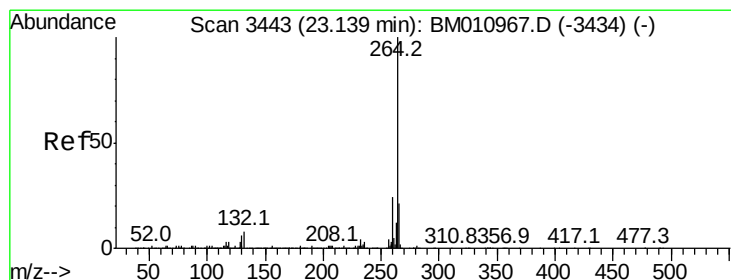
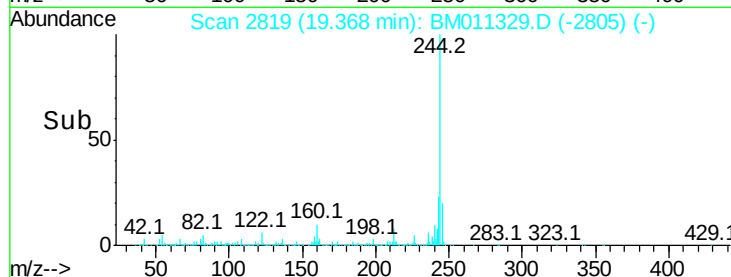
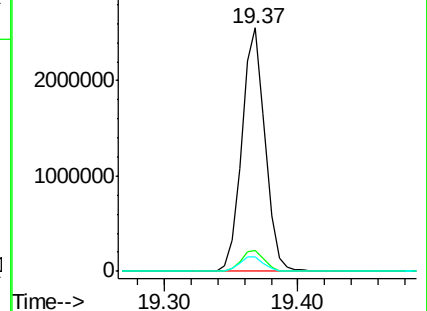
122 6.2 6.2 9.4#



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011329.D

Acq: 22 Aug 2017 16:19

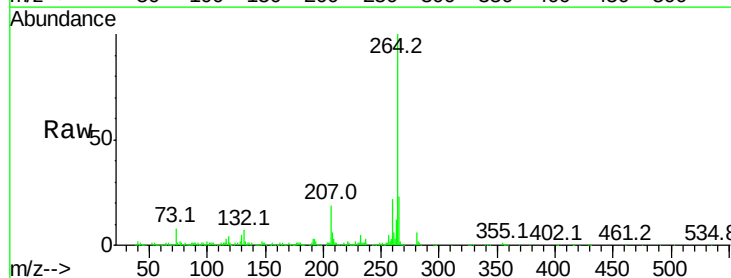
Tgt Ion:264 Resp: 863151

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 22.7 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

