

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011291.D
 Acq On : 18 Aug 2017 09:36
 Operator : SJ/JU
 Sample : I4847-10RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PVSC-B-COMPARE

Quant Time: Aug 18 16:02:49 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	75634	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	253544	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	161435	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	412967	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	579234	20.00	ng	-0.02
86) Perylene-d12	23.00	264	475172	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	601183	134.37	ng	-0.02
7) Phenol-d6	6.47	99	768712	120.92	ng	-0.02
23) Nitrobenzene-d5	8.42	82	827305	122.46	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	337334	130.37	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1271914	98.81	ng	-0.02
78) Terphenyl-d14	19.37	244	2361900	80.77	ng	-0.02

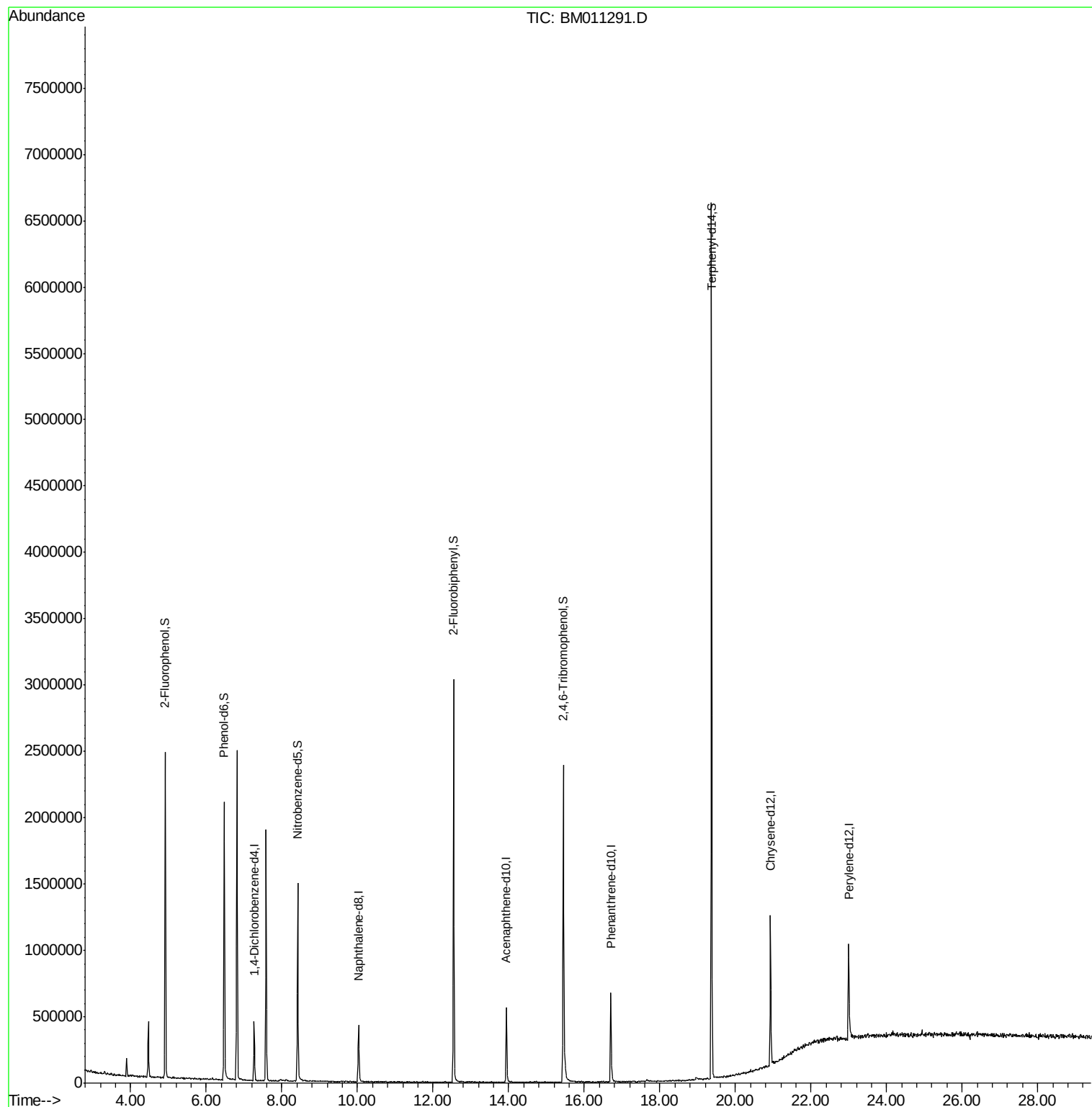
Target Compounds Qvalue

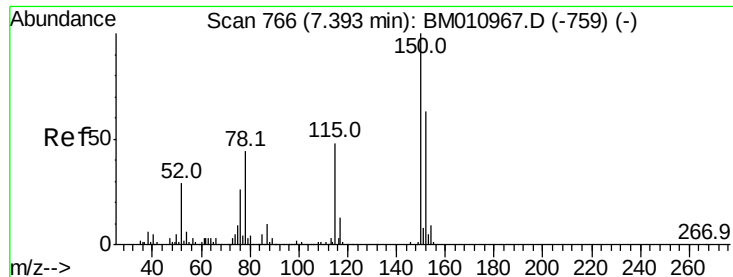
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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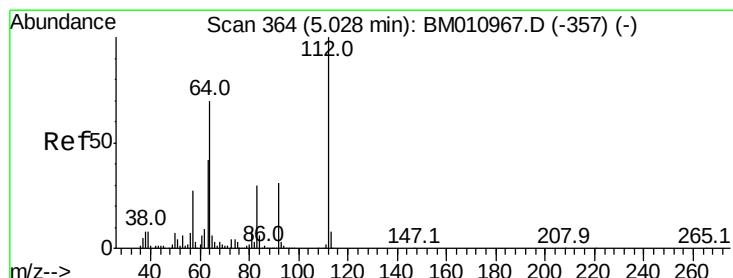
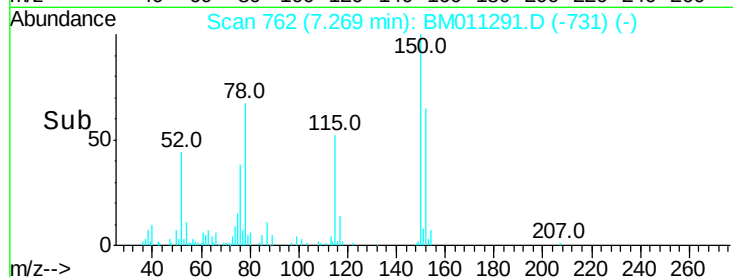
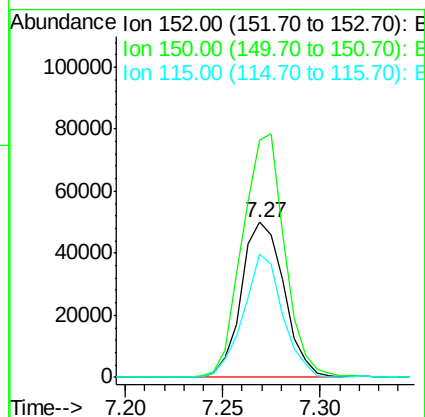
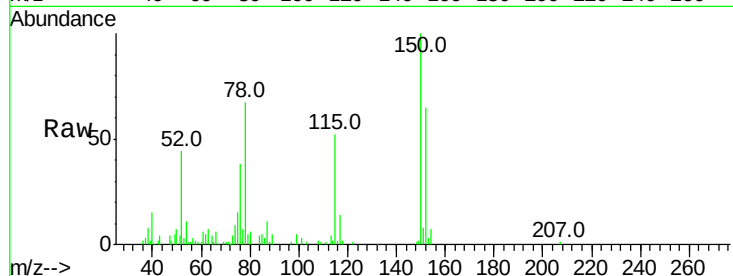


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011291.D
Acq: 18 Aug 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PVSC-B-COMP

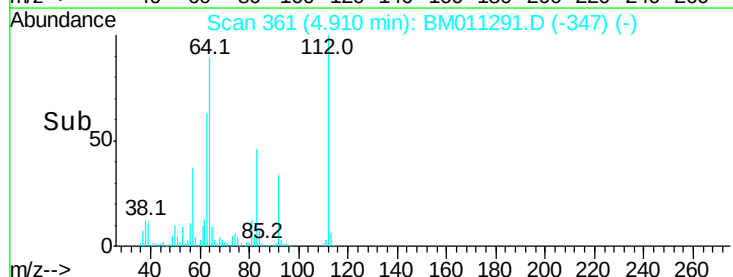
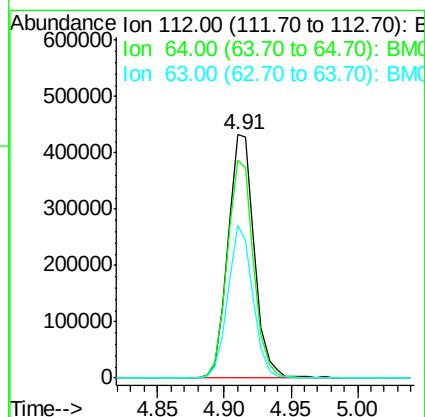
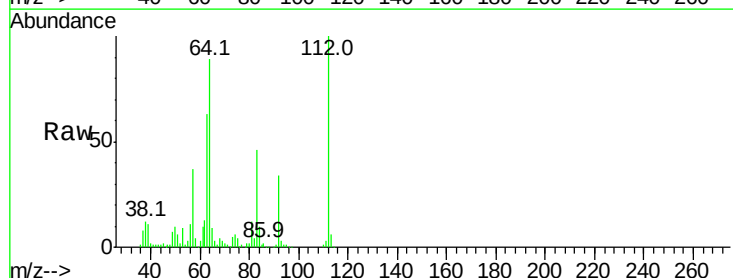
Tot Ion:152 Resp: 75634
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 79.7 43.0 64.4#

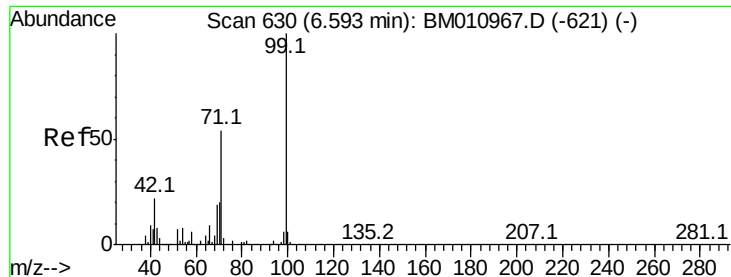


#5

2-Fluorophenol
Concen: 134.366 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011291.D
Acq: 18 Aug 2017 09:36

Tgt Ion:112 Resp: 601183
Ion Ratio Lower Upper
112 100
64 89.3 38.6 57.8#
63 62.7 19.3 28.9#





#7

Phenol-d6

Concen: 120.923 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011291.D

Acq: 18 Aug 2017 09:36

Instrument :

BNA_M

ClientSampleId :

PVSC-B-COMP

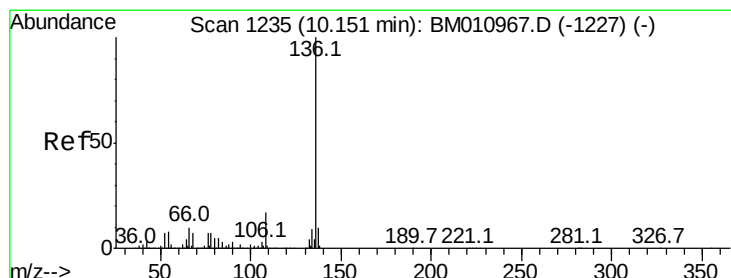
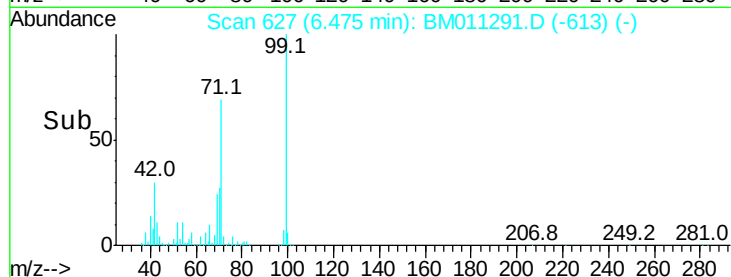
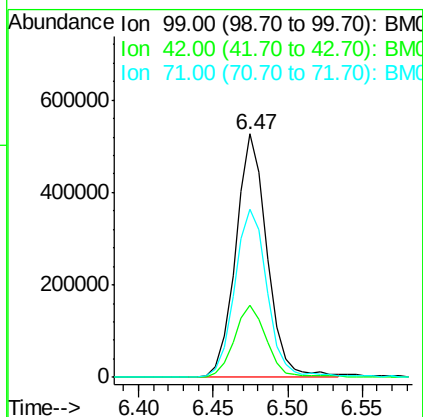
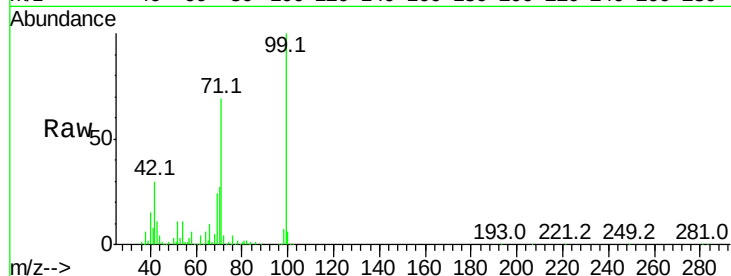
Tot Ion: 99 Resp: 768712

Ion Ratio Lower Upper

99 100

42 29.7 11.0 16.4#

71 69.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011291.D

Acq: 18 Aug 2017 09:36

Tgt Ion: 136 Resp: 253544

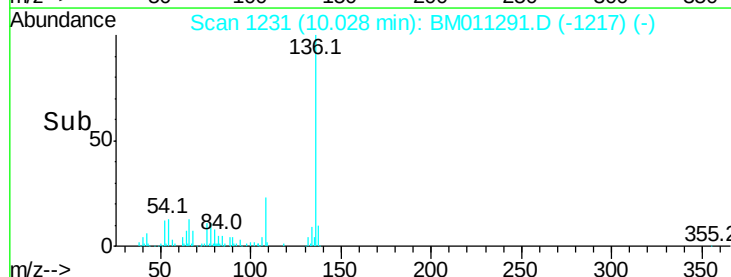
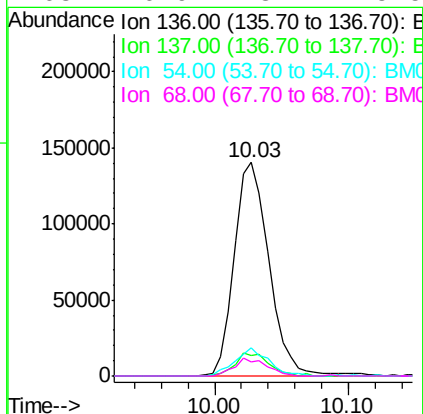
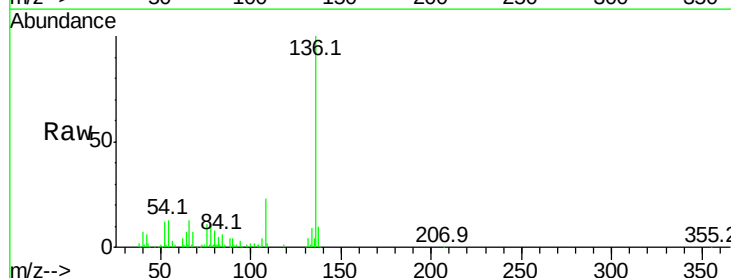
Ion Ratio Lower Upper

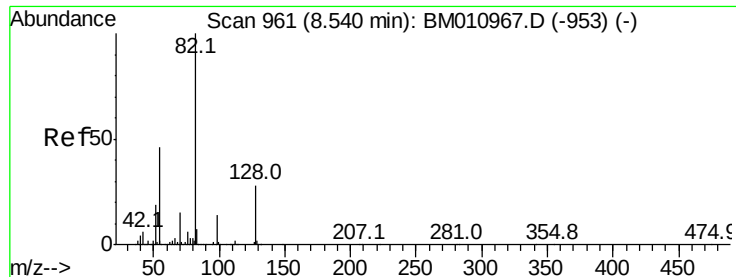
136 100

137 9.8 8.7 13.1

54 13.2 4.6 6.8#

68 6.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 122.464 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011291.D

Acq: 18 Aug 2017 09:36

Instrument :

BNA_M

ClientSampleId :

PVSC-B-COMPRES

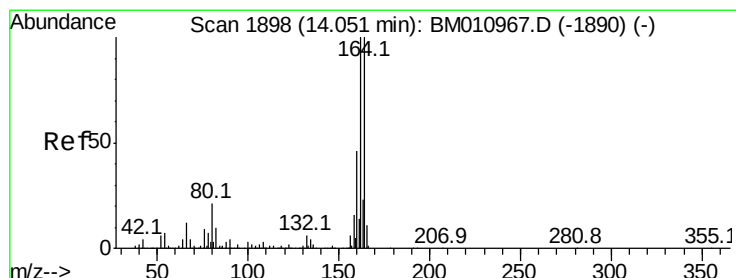
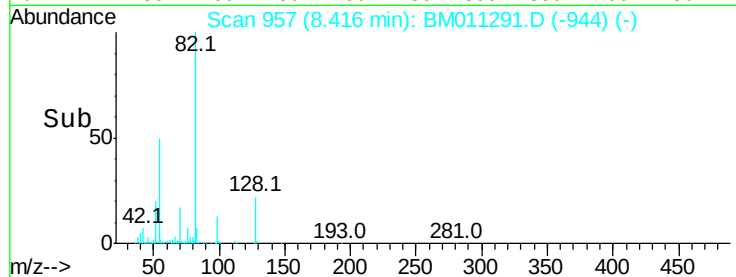
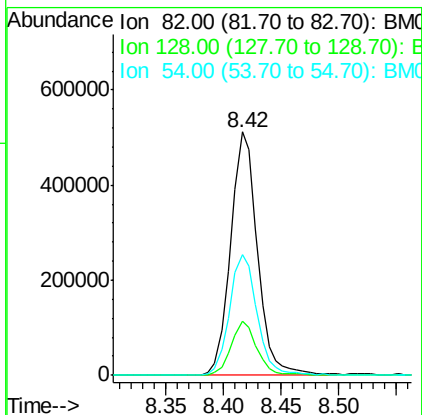
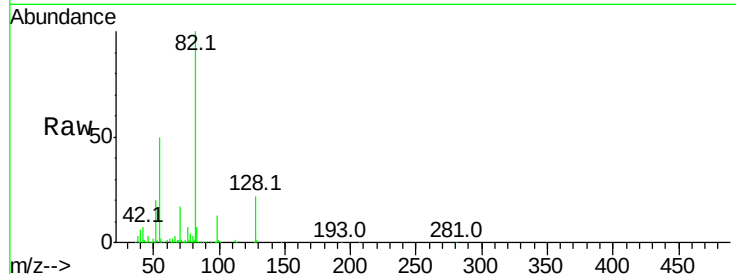
Tot Ion: 82 Resp: 827305

Ion Ratio Lower Upper

82 100

128 22.5 32.8 49.2#

54 49.7 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: BM011291.D

Acq: 18 Aug 2017 09:36

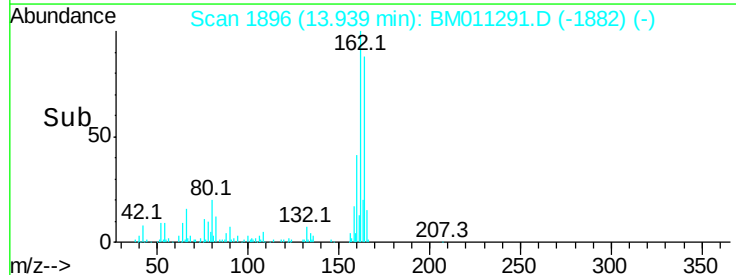
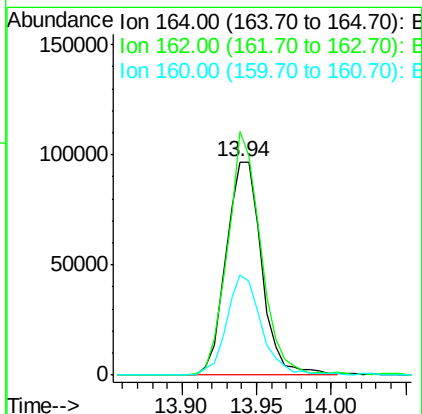
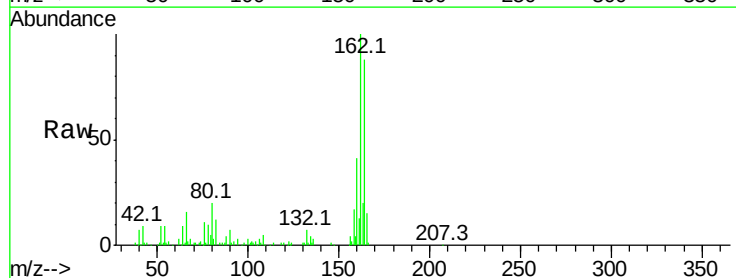
Tgt Ion:164 Resp: 161435

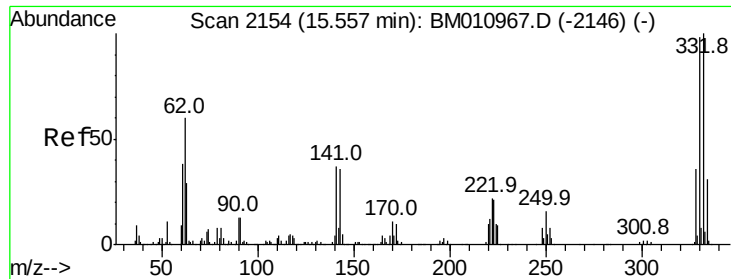
Ion Ratio Lower Upper

164 100

162 114.2 82.4 123.6

160 46.7 35.8 53.6

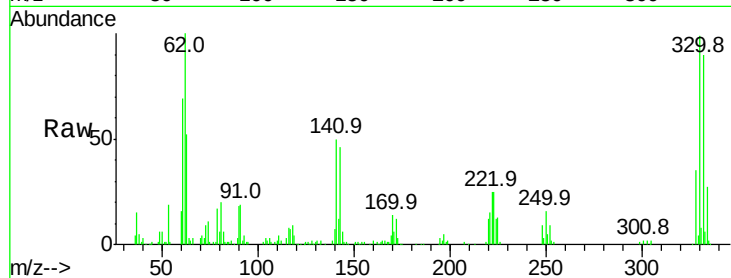




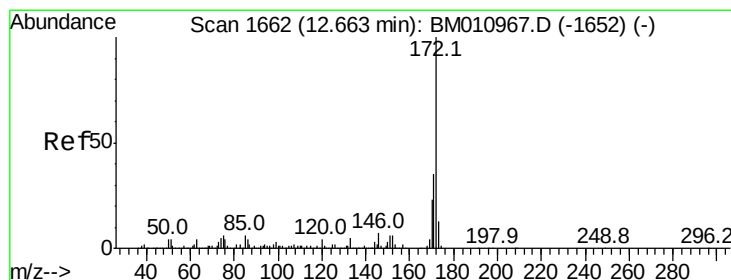
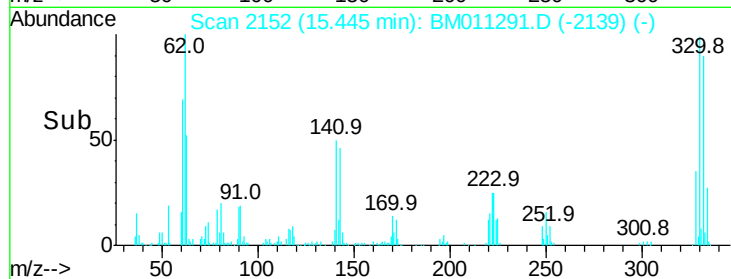
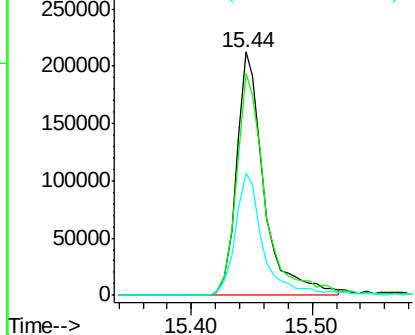
#41
 2,4,6-Tribromophenol
 Concen: 130.372 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011291.D
 Acq: 18 Aug 2017 09:36

Instrument :
 BNA_M
 ClientSampleId :
 PVSC-B-COMP

Tot Ion:330 Resp: 337334
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 50.4 0.0 0.0#

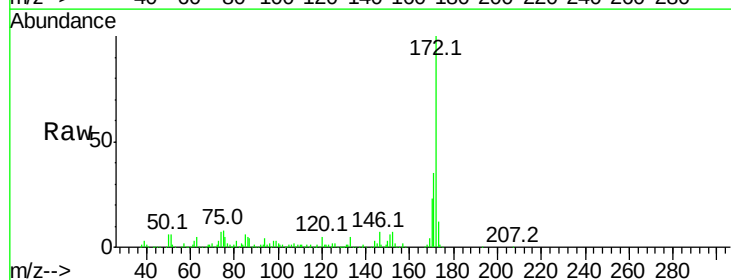


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

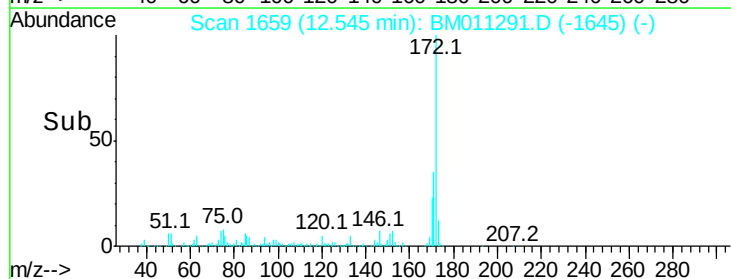
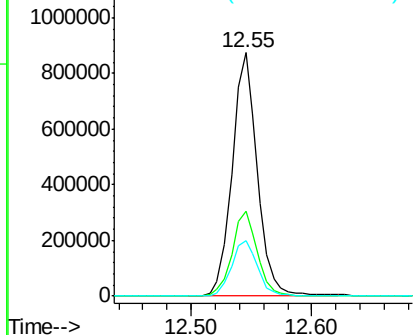


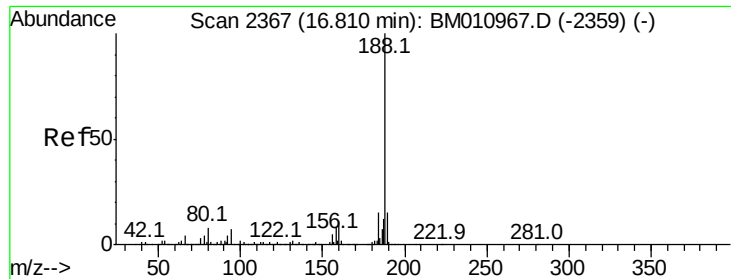
#44
 2-Fluorobiphenyl
 Concen: 98.811 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011291.D
 Acq: 18 Aug 2017 09:36

Tgt Ion:172 Resp: 1271914
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.7 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

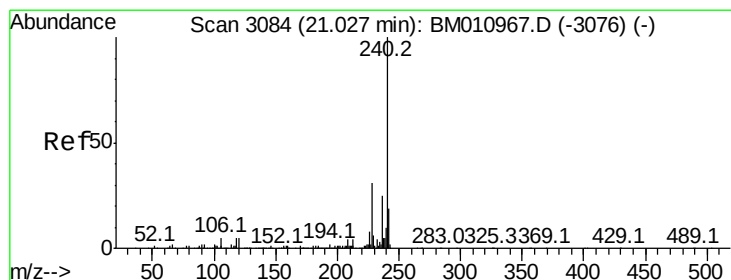
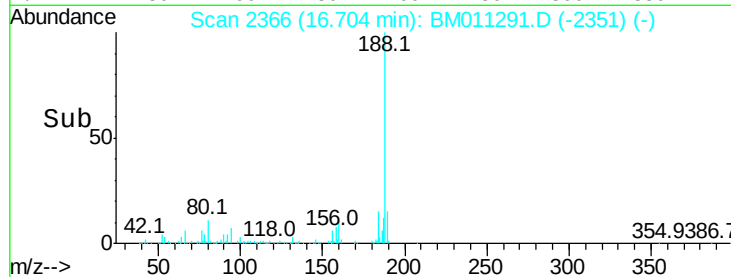
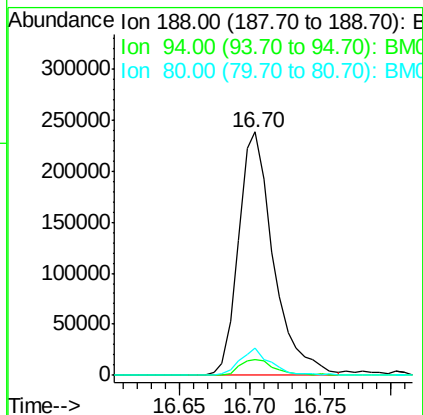
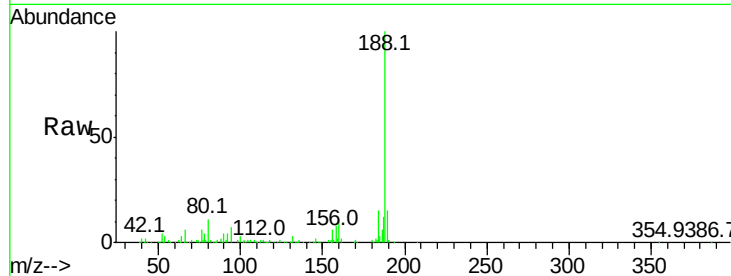




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011291.D
Acq: 18 Aug 2017 09:36

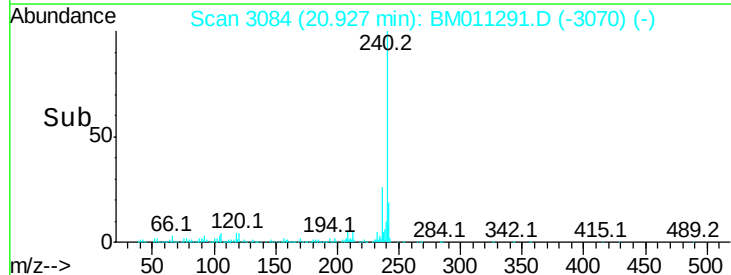
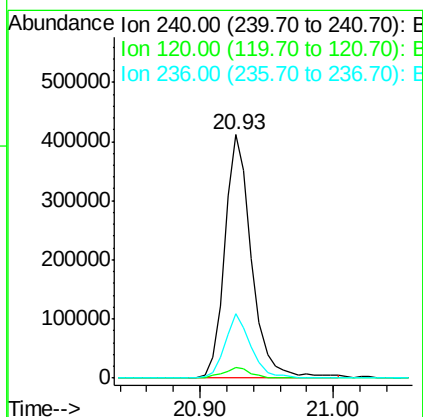
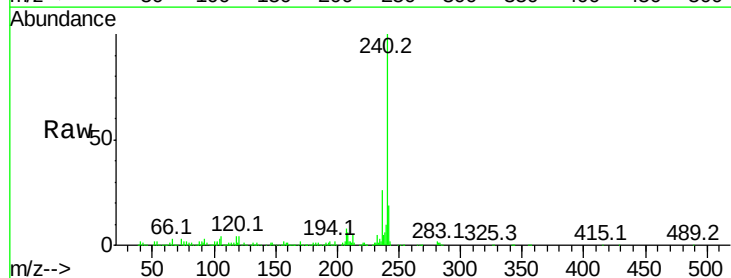
Instrument :
BNA_M
ClientSampleId :
PVSC-B-COMP

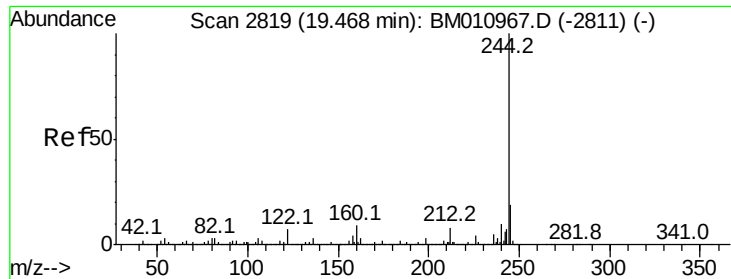
Tot Ion:188 Resp: 412967
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 11.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011291.D
Acq: 18 Aug 2017 09:36

Tgt Ion:240 Resp: 579234
Ion Ratio Lower Upper
240 100
120 4.3 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 80.773 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011291.D

Acq: 18 Aug 2017 09:36

Instrument :

BNA_M

ClientSampleId :

PVSC-B-COMP

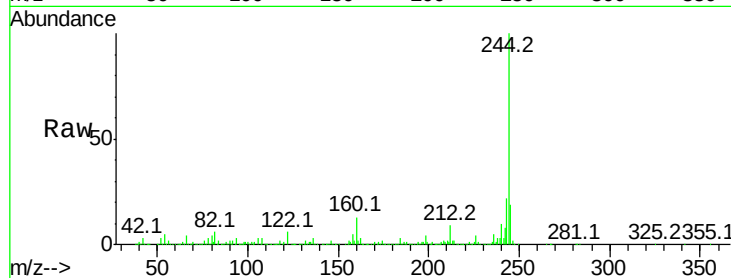
Tot Ion:244 Resp: 2361900

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

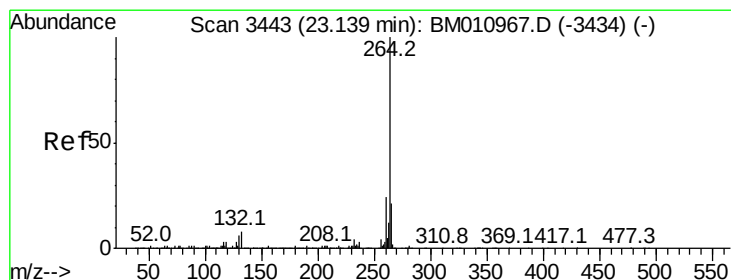
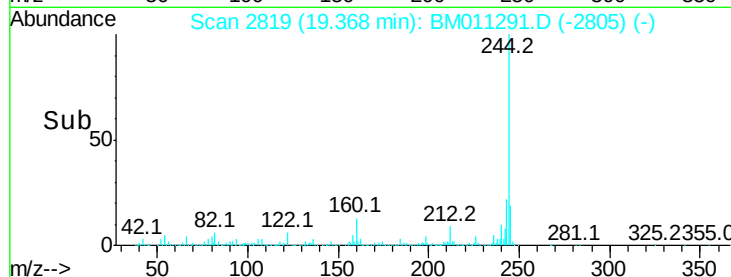
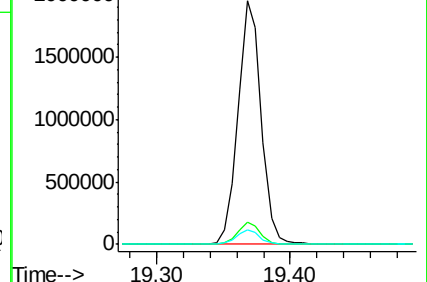
122 6.0 6.2 9.4#



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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011291.D

Acq: 18 Aug 2017 09:36

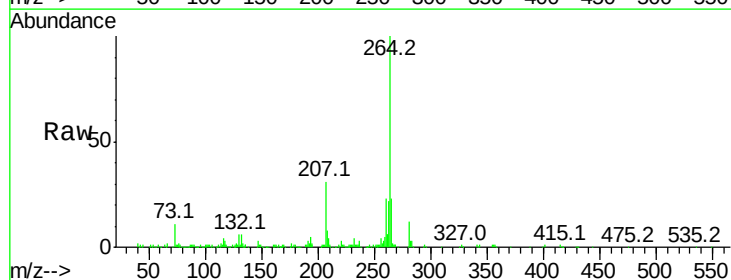
Tgt Ion:264 Resp: 475172

Ion Ratio Lower Upper

264 100

260 22.6 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

