

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011342.D
 Acq On : 23 Aug 2017 00:13
 Operator : SJ/JU
 Sample : I4914-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 165-COMP

Quant Time: Aug 23 03:48:30 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	7.26	152	107933	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	350129	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	239324	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	622392	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	838980	20.00	ng	-0.02
86) Perylene-d12	22.99	264	852625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	764080	119.67	ng	-0.02
7) Phenol-d6	6.47	99	984465	108.52	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1118642	119.91	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	458815	119.61	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1639068	85.89	ng	-0.02
78) Terphenyl-d14	19.37	244	3197218	75.49	ng	-0.02

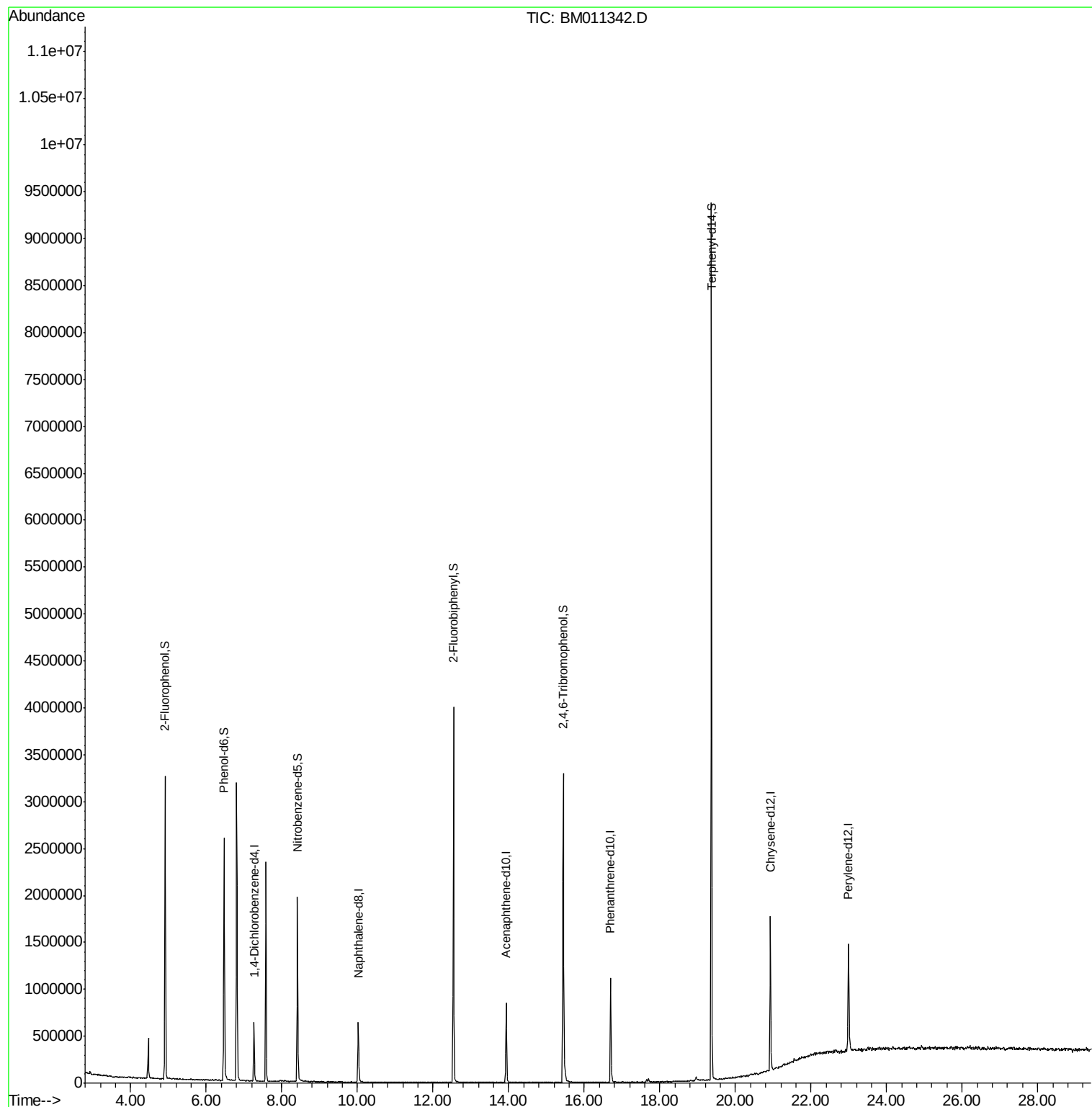
Target Compounds Qvalue

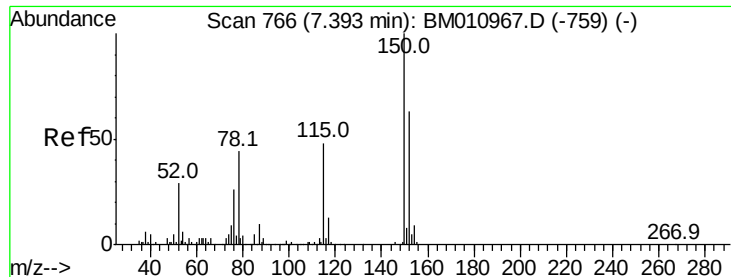
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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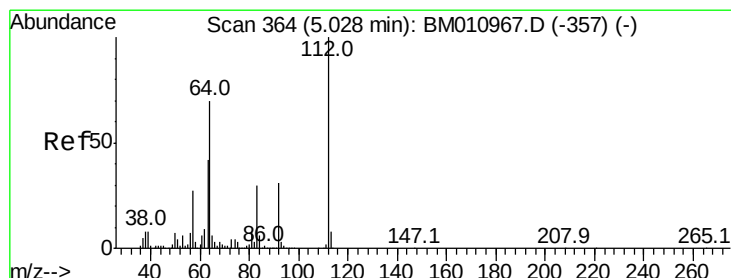
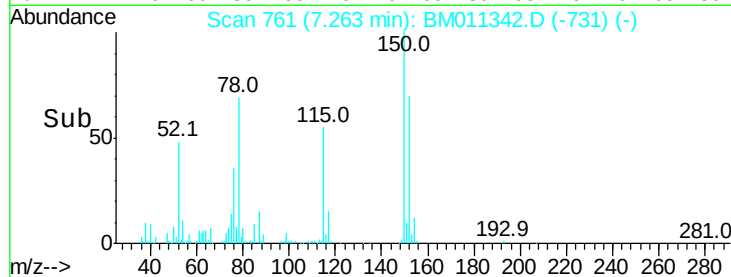
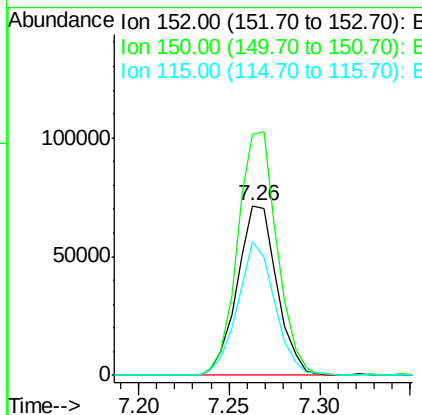
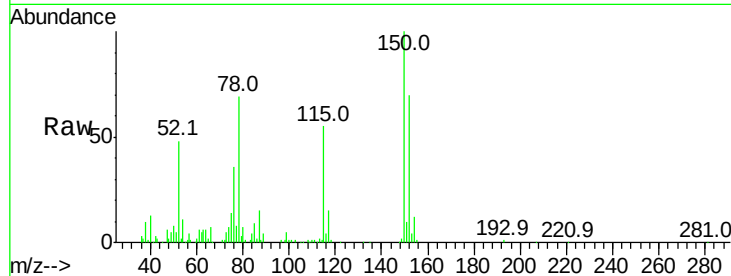


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011342.D
Acq: 23 Aug 2017 00:13

Instrument :
BNA_M
ClientSampleId :
165-COMP

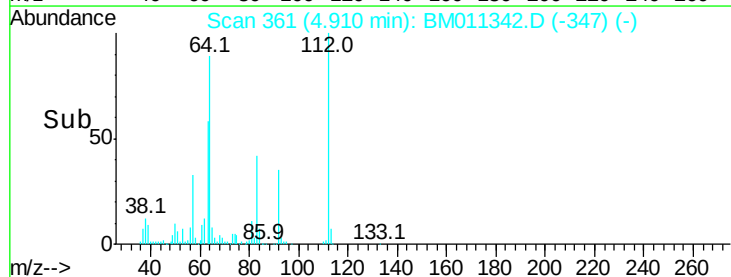
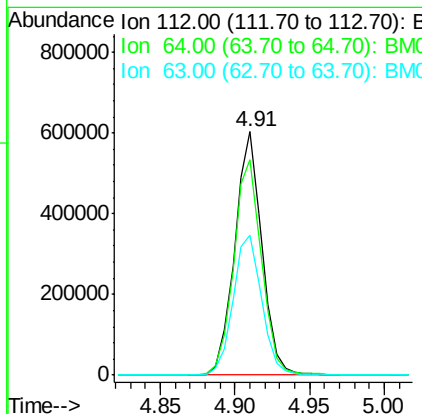
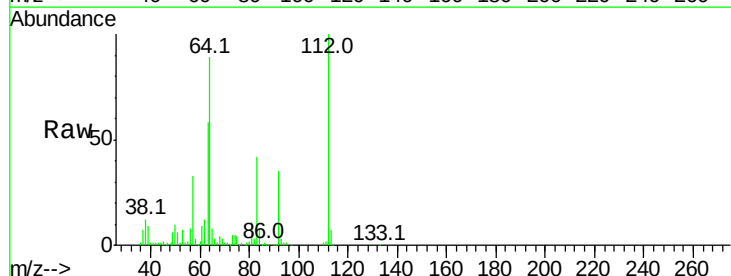
Tot Ion:152 Resp: 107933
Ion Ratio Lower Upper
152 100
150 142.5 119.5 179.3
115 78.6 43.0 64.4#

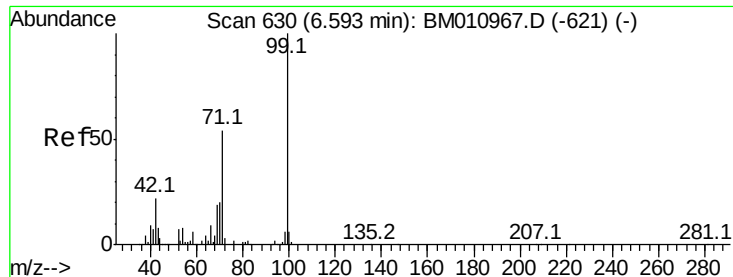


#5

2-Fluorophenol
Concen: 119.670 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011342.D
Acq: 23 Aug 2017 00:13

Tgt Ion:112 Resp: 764080
Ion Ratio Lower Upper
112 100
64 88.6 38.6 57.8#
63 57.7 19.3 28.9#





#7

Phenol-d6

Concen: 108.519 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011342.D

Acq: 23 Aug 2017 00:13

Instrument :

BNA_M

ClientSampleId :

165-COMP

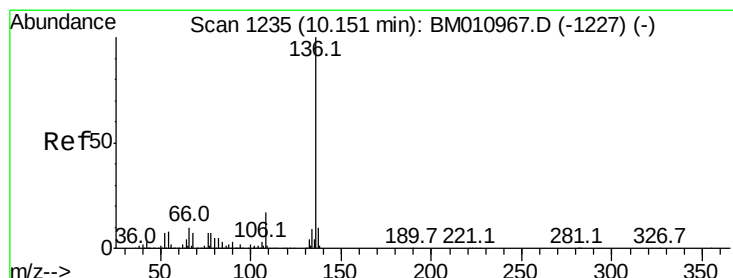
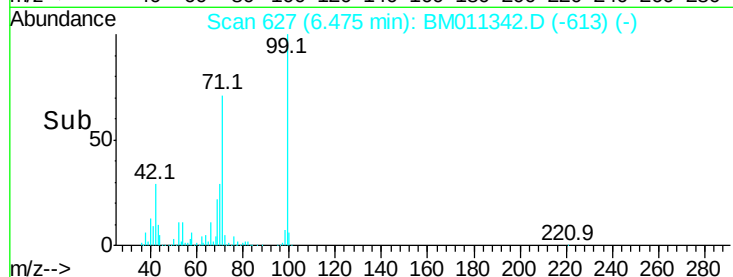
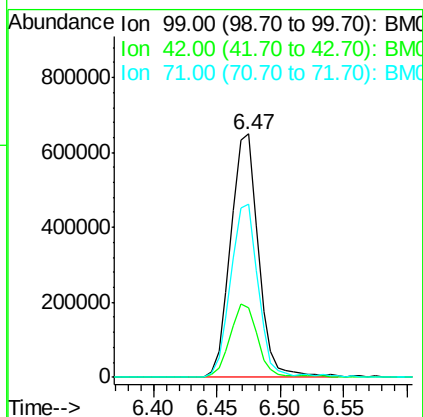
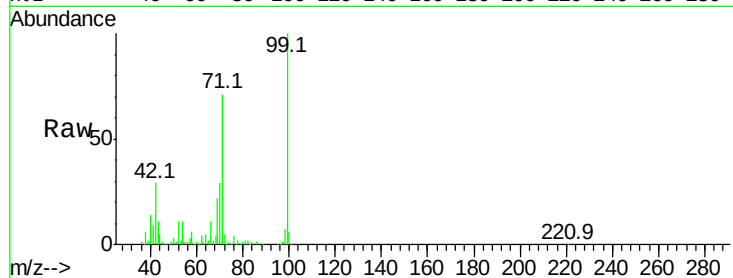
Tot Ion: 99 Resp: 984465

Ion Ratio Lower Upper

99 100

42 28.8 11.0 16.4#

71 71.3 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: BM011342.D

Acq: 23 Aug 2017 00:13

Tgt Ion: 136 Resp: 350129

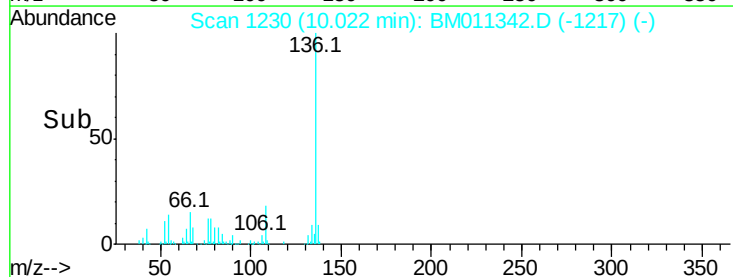
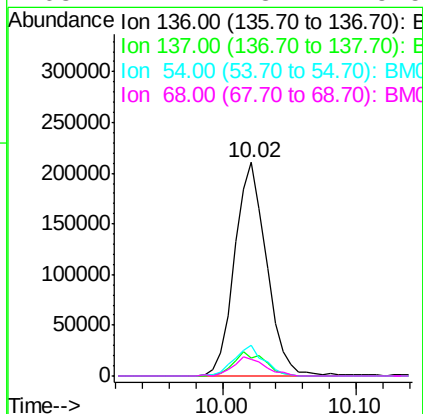
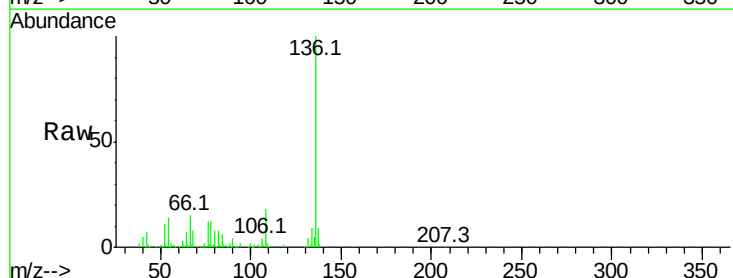
Ion Ratio Lower Upper

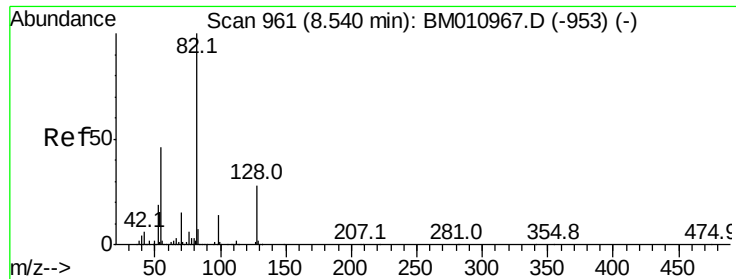
136 100

137 8.6 8.7 13.1#

54 14.3 4.6 6.8#

68 7.7 3.7 5.5#



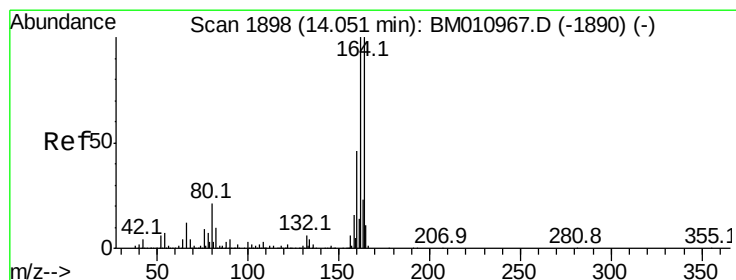
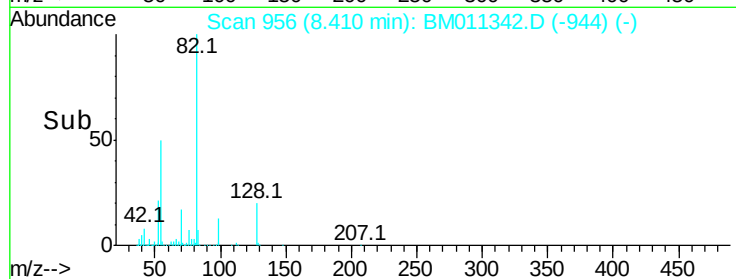
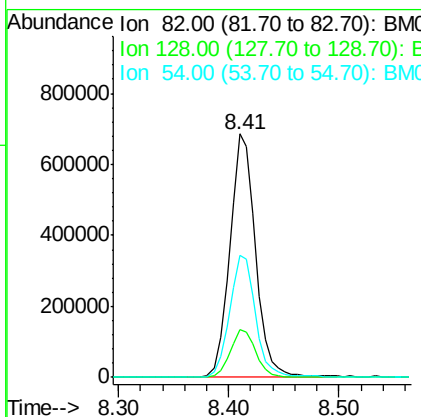
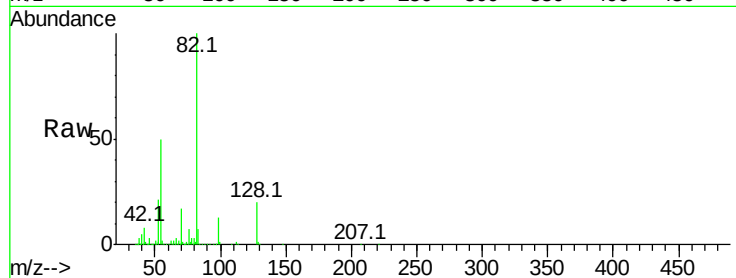


#23
 Nitrobenzene-d5
 Concen: 119.911 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011342.D
 Acq: 23 Aug 2017 00:13

Instrument :
 BNA_M
 ClientSampleId :
 165-COMP

Tot Ion: 82 Resp: 1118642

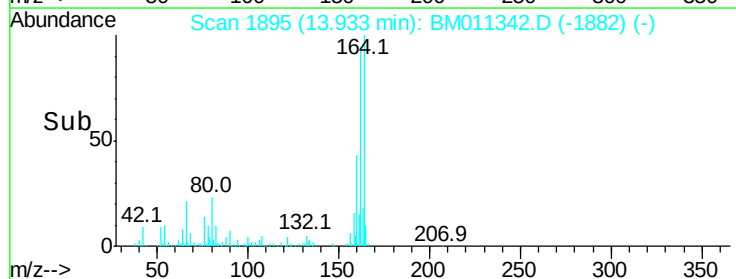
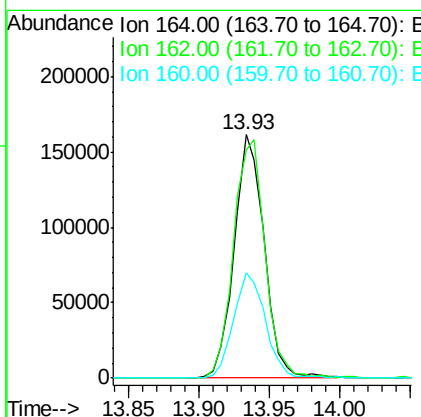
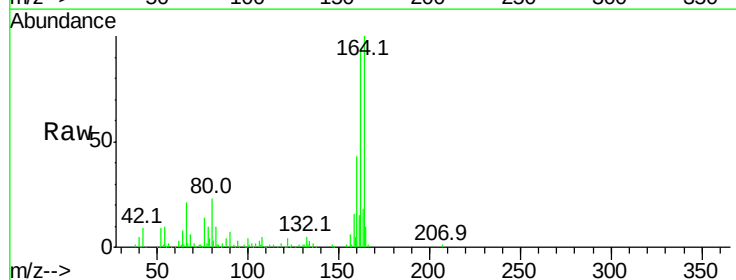
Ion	Ratio	Lower	Upper
82	100		
128	19.8	32.8	49.2#
54	50.3	40.6	60.8

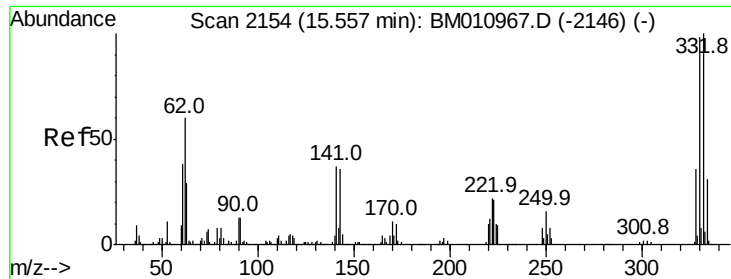


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011342.D
 Acq: 23 Aug 2017 00:13

Tgt Ion: 164 Resp: 239324

Ion	Ratio	Lower	Upper
164	100		
162	93.7	82.4	123.6
160	43.2	35.8	53.6

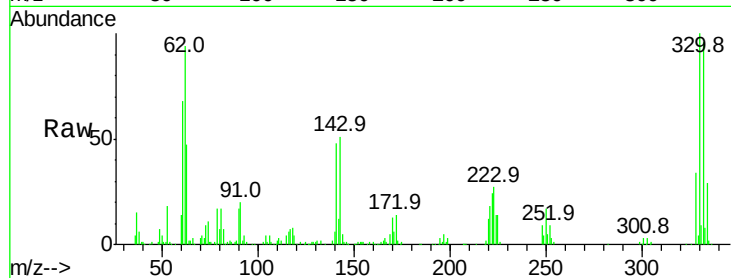




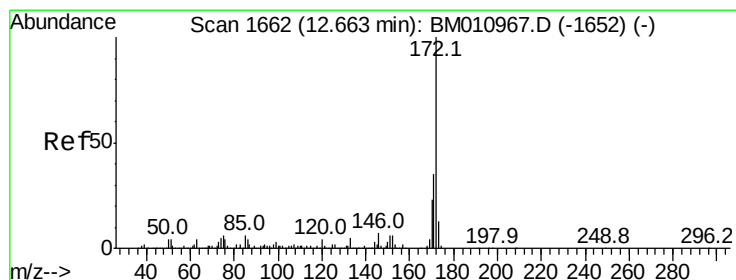
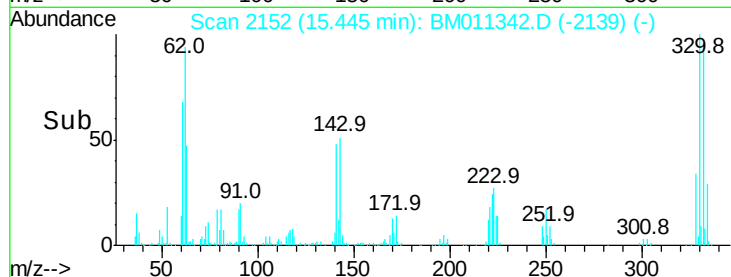
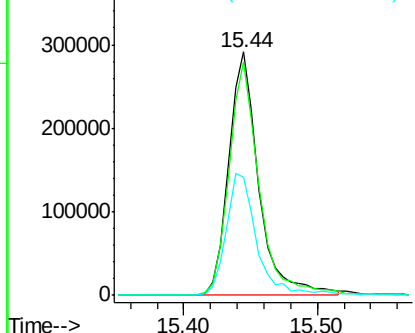
#41
 2,4,6-Tribromophenol
 Concen: 119.612 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011342.D
 Acq: 23 Aug 2017 00:13

Instrument :
 BNA_M
 ClientSampleId :
 165-COMP

Tot Ion:330 Resp: 458815
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 51.1 0.0 0.0#

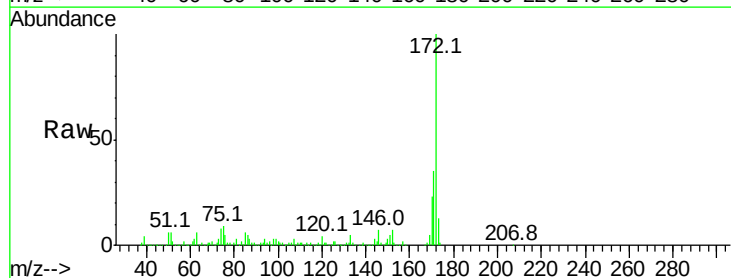


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

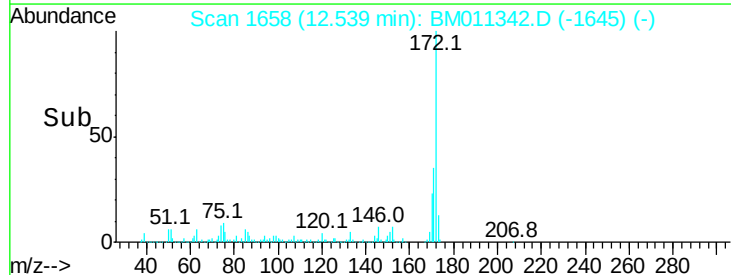
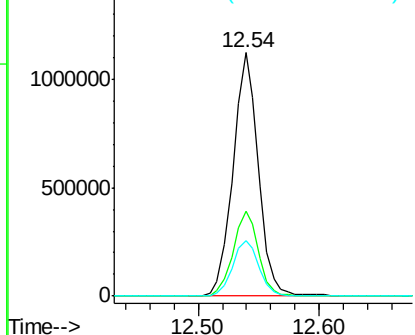


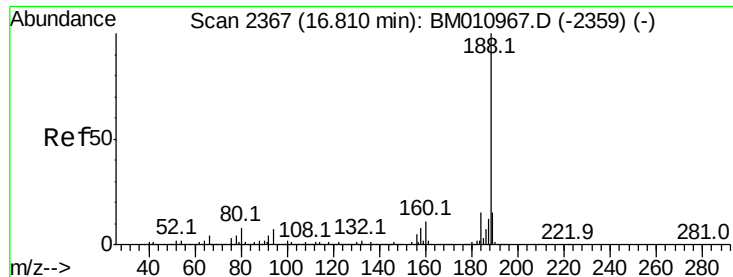
#44
 2-Fluorobiphenyl
 Concen: 85.893 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011342.D
 Acq: 23 Aug 2017 00:13

Tgt Ion:172 Resp: 1639068
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

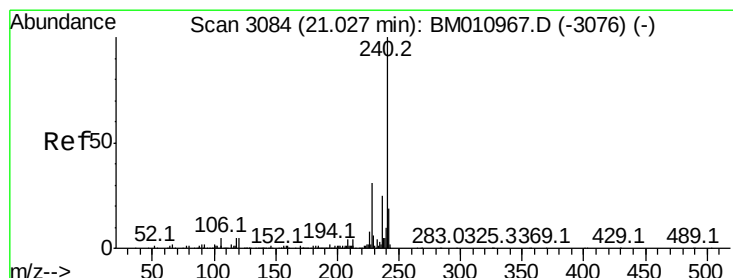
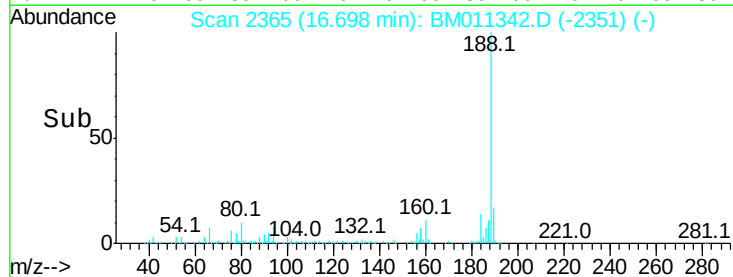
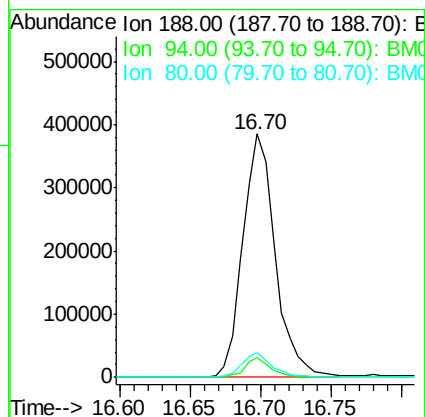
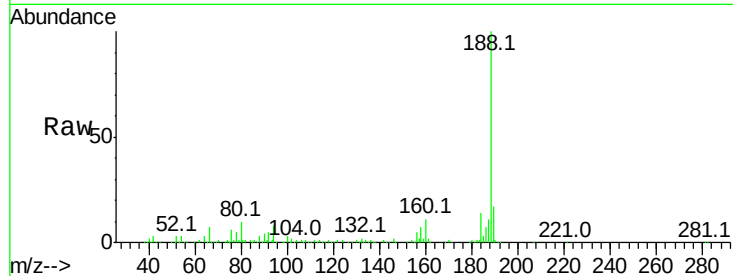




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011342.D
Acq: 23 Aug 2017 00:13

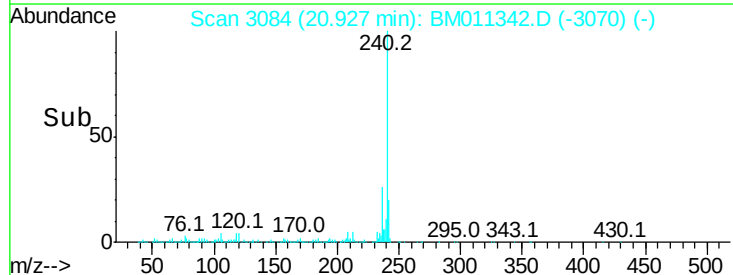
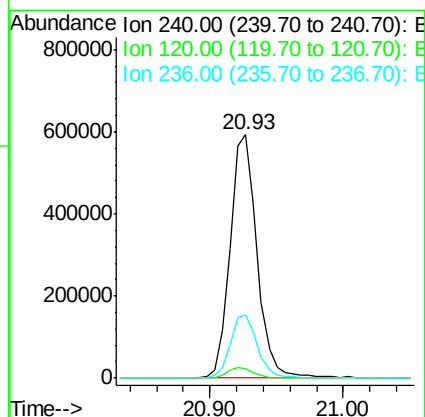
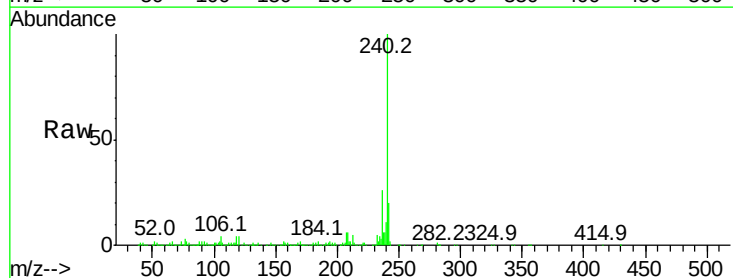
Instrument :
BNA_M
ClientSampleId :
165-COMP

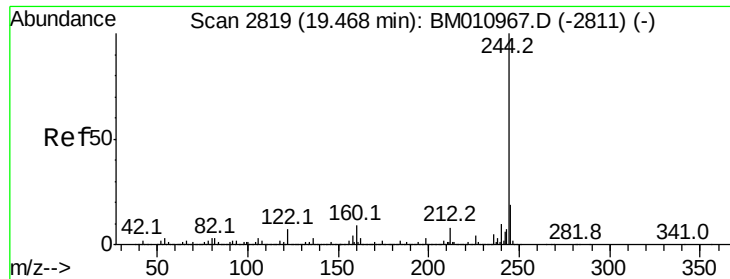
Tot Ion:188 Resp: 622392
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 10.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011342.D
Acq: 23 Aug 2017 00:13

Tgt Ion:240 Resp: 838980
Ion Ratio Lower Upper
240 100
120 3.7 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 75.488 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011342.D

Acq: 23 Aug 2017 00:13

Instrument :

BNA_M

ClientSampleId :

165-COMP

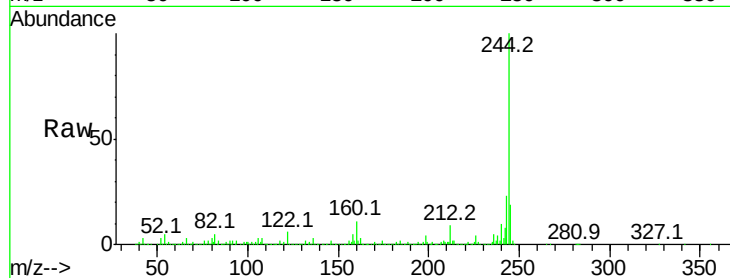
Tot Ion:244 Resp: 3197218

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

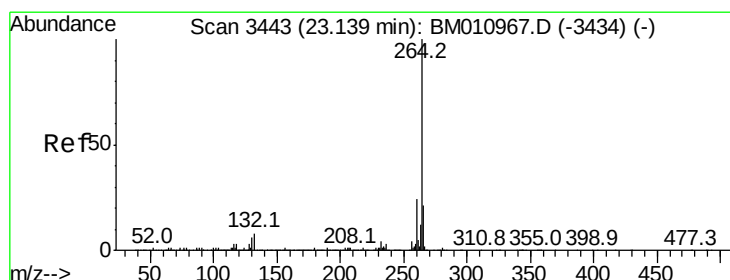
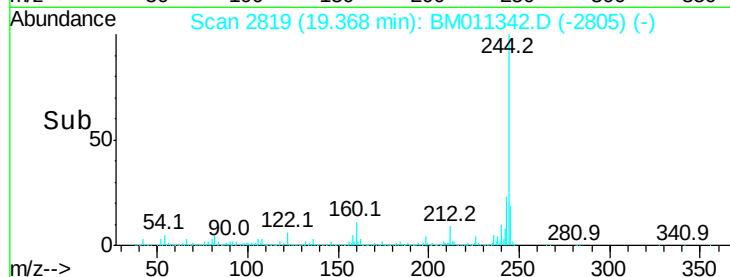
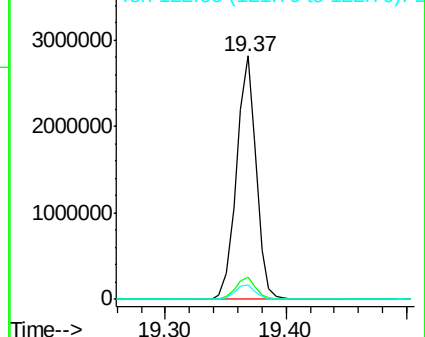
122 5.9 6.2 9.4#



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: BM011342.D

Acq: 23 Aug 2017 00:13

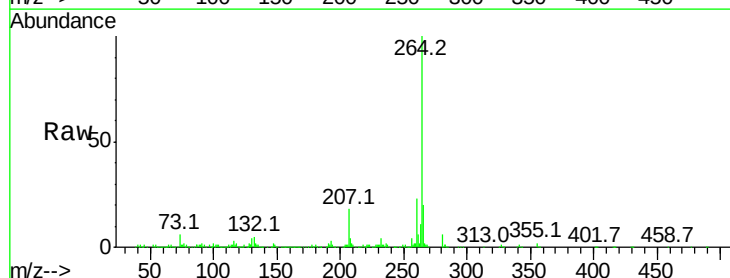
Tgt Ion:264 Resp: 852625

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.1 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

