

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011246.D
 Acq On : 15 Aug 2017 23:03
 Operator : SJ/JU
 Sample : I4798-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-6-COMP

Quant Time: Aug 16 00:57:21 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

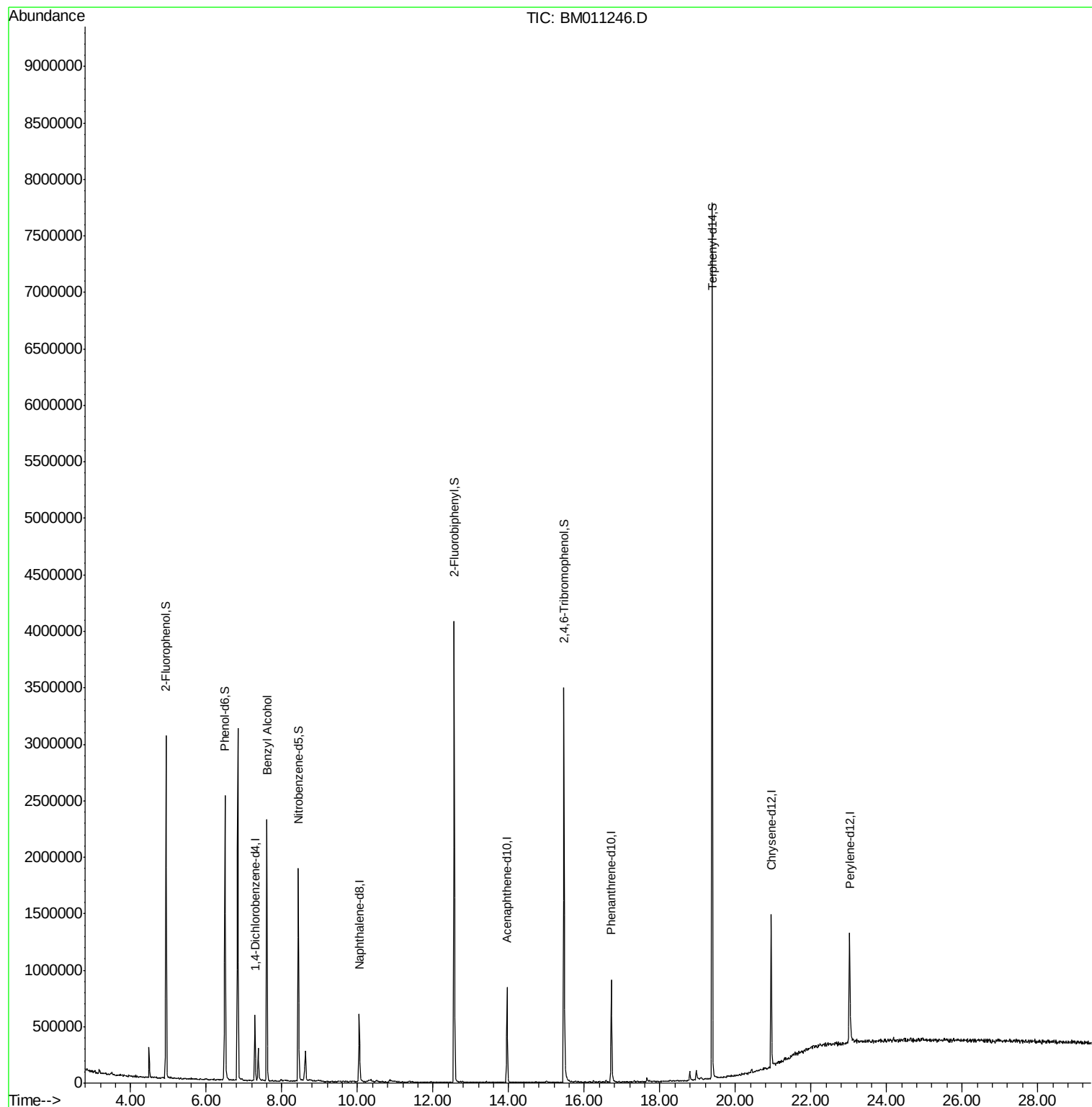
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	97508	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	317987	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	209753	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	514829	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	672635	20.00	ng	-0.08
86) Perylene-d12	23.02	264	754444	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	746905	129.49	ng	-0.09
7) Phenol-d6	6.49	99	924272	112.78	ng	-0.10
23) Nitrobenzene-d5	8.44	82	1013332	119.60	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	449015	133.56	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1641453	98.14	ng	-0.10
78) Terphenyl-d14	19.39	244	2775987	81.75	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	20455	2.60	ng	Qvalue # 49

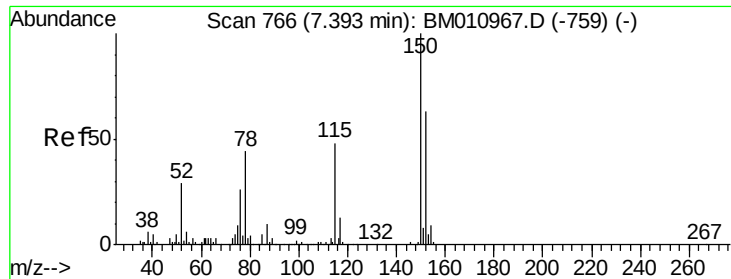
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

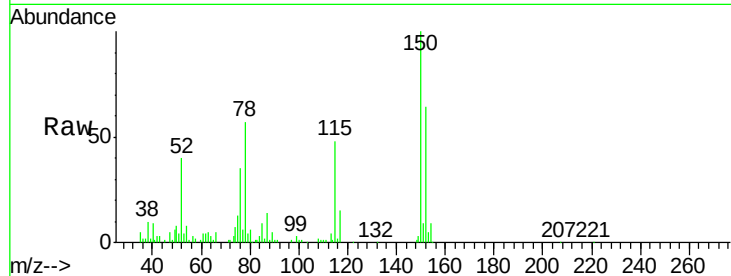
Tot Ion:152 Resp: 97508

Ion Ratio Lower Upper

152 100

150 157.0 119.5 179.3

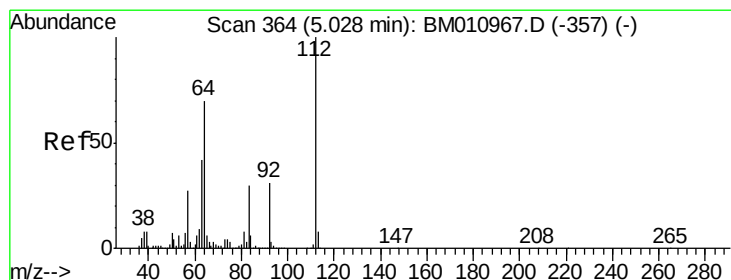
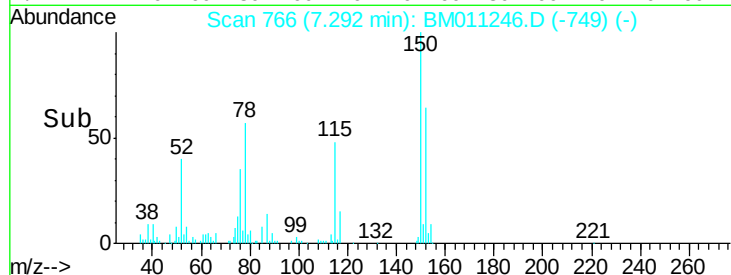
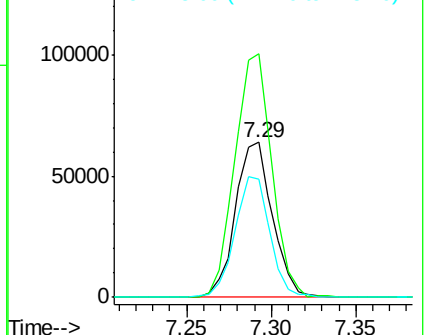
115 76.0 43.0 64.4#



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: 129.49 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

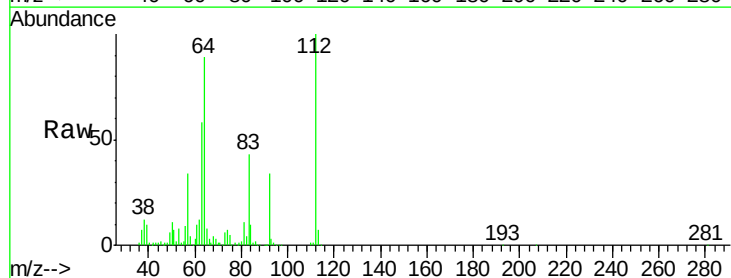
Tgt Ion:112 Resp: 746905

Ion Ratio Lower Upper

112 100

64 88.6 38.6 57.8#

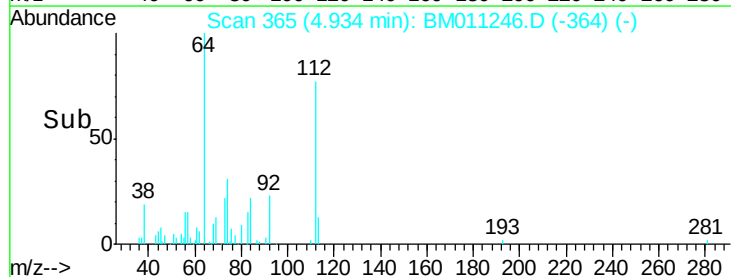
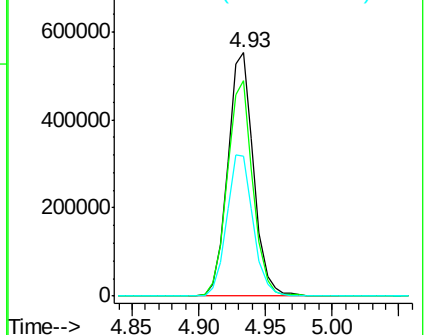
63 57.5 19.3 28.9#

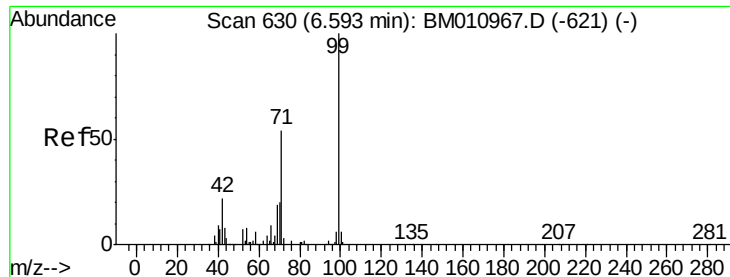


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 112.78 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

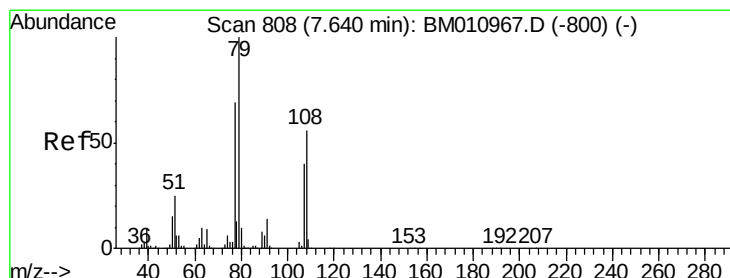
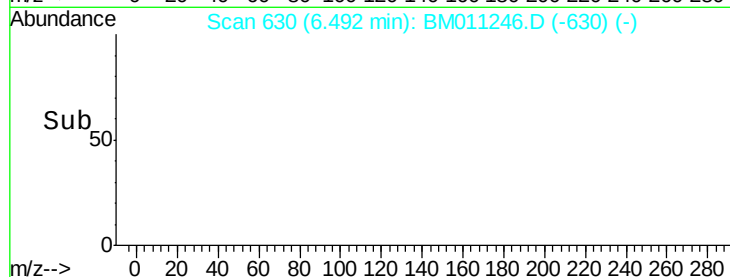
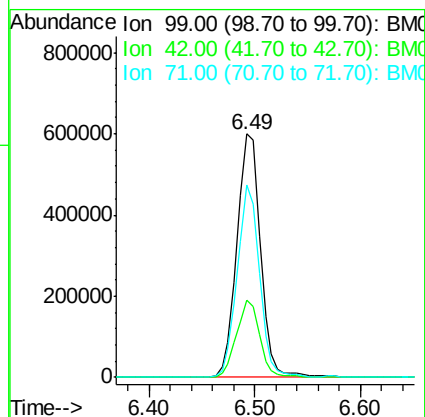
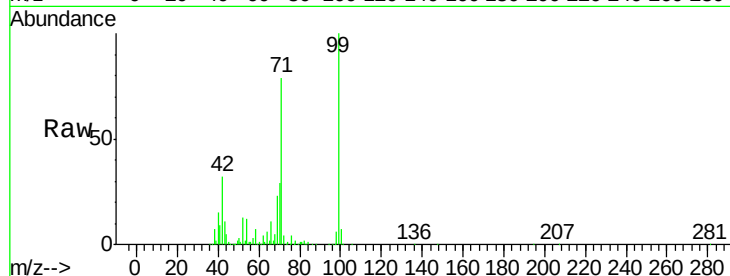
Tot Ion: 99 Resp: 924272

Ion Ratio Lower Upper

99 100

42 31.6 11.0 16.4#

71 79.0 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.60 ng

RT: 7.60 min Scan# 818

Delta R.T. -0.04 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

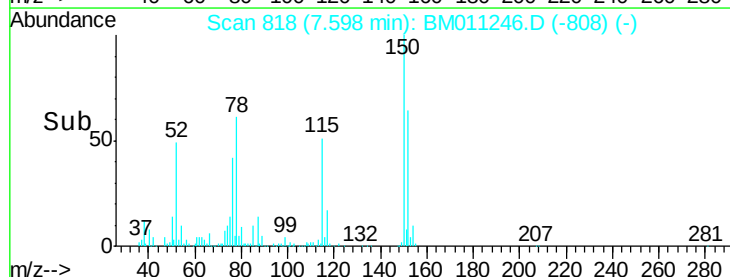
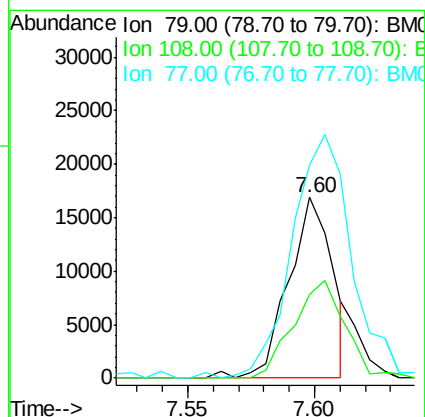
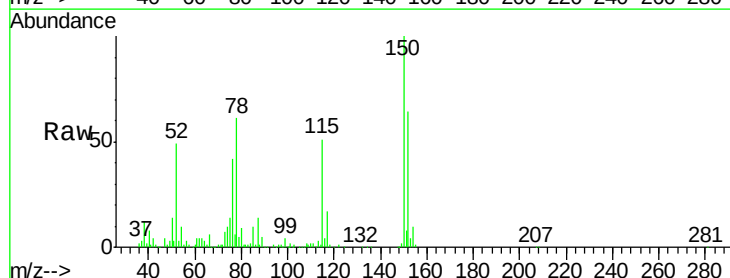
Tgt Ion: 79 Resp: 20455

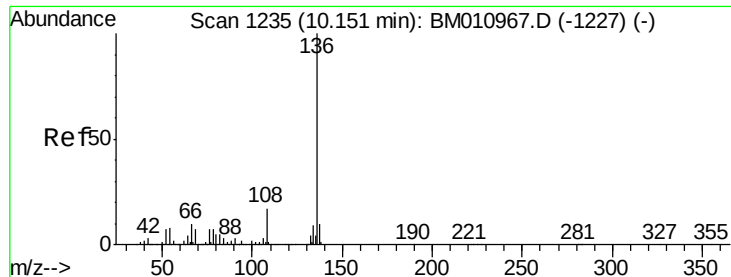
Ion Ratio Lower Upper

79 100

108 46.1 65.0 97.4#

77 117.9 53.0 79.6#

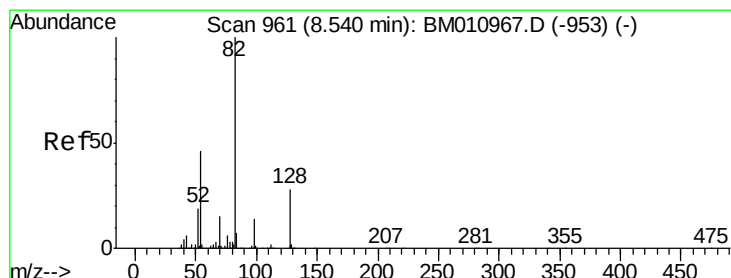
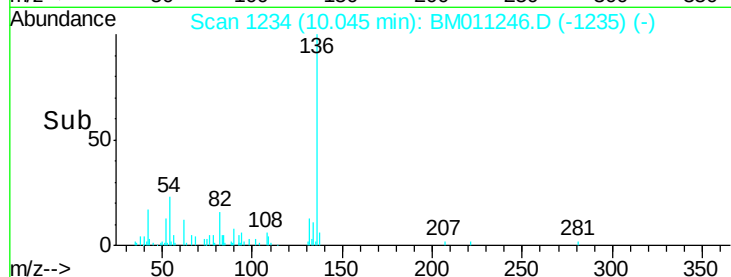
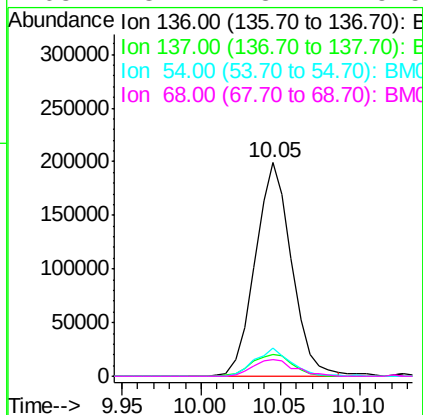
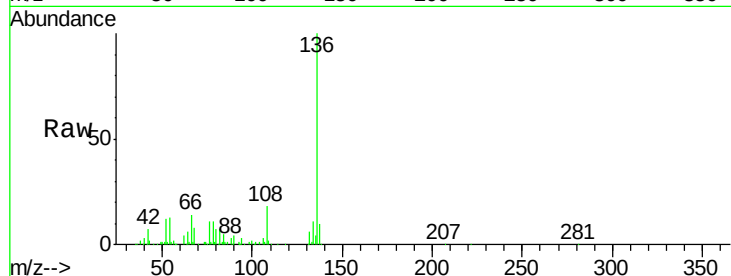




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.11 min
Lab File: BM011246.D
Acq: 15 Aug 2017 23:03

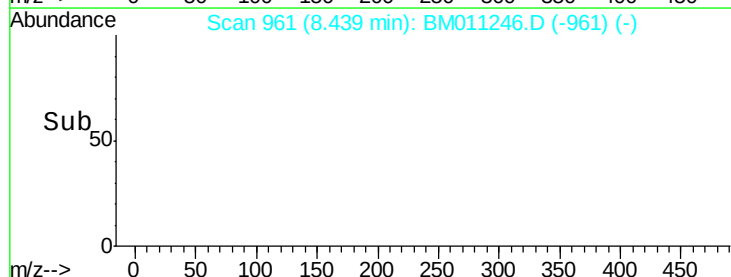
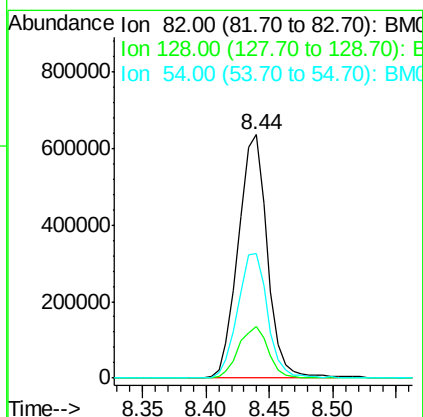
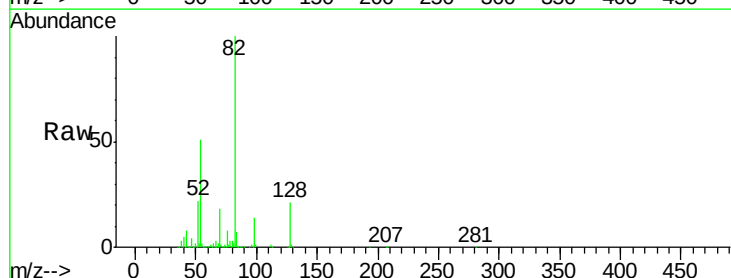
Instrument :
BNA_M
ClientSampleId :
DRUM-1-6-COMP

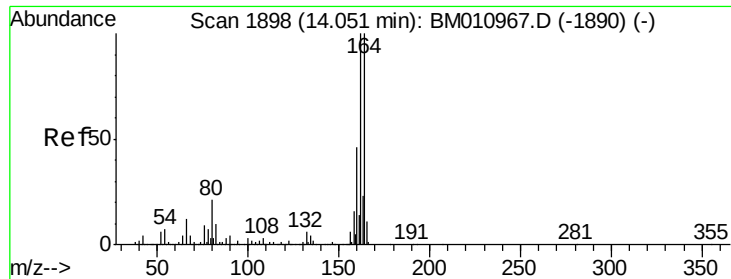
Tot Ion:136	Resp:	317987
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.7	13.1
54 13.0	4.6	6.8#
68 8.1	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 119.60 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011246.D
Acq: 15 Aug 2017 23:03

Tgt Ion: 82	Resp: 1013332
Ion Ratio	Lower Upper
82 100	
128 21.0	32.8 49.2#
54 51.3	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

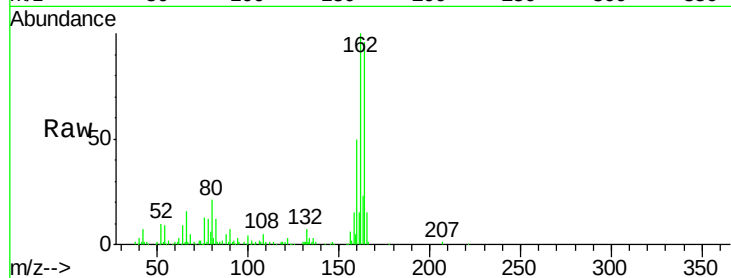
Tot Ion:164 Resp: 209753

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

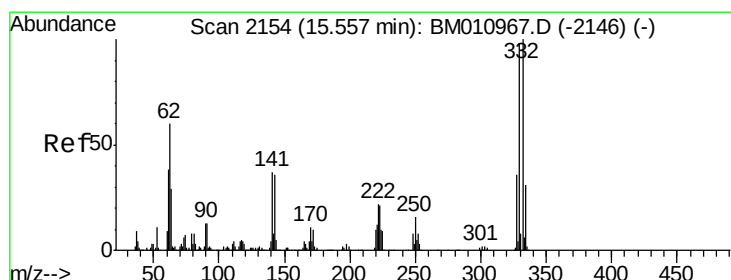
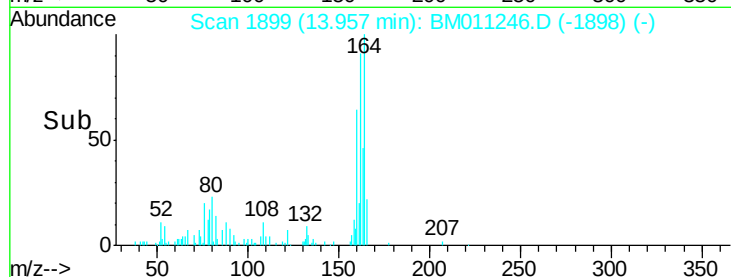
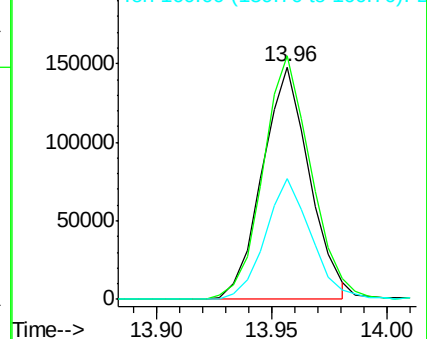
160 52.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.56 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.09 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

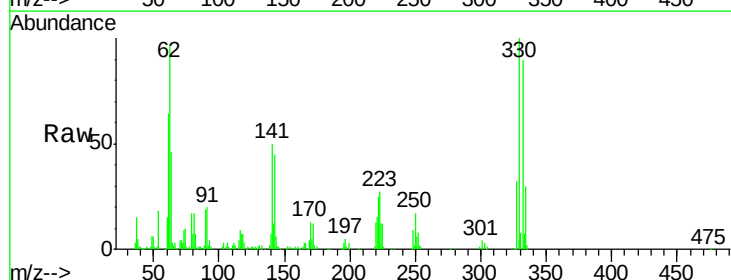
Tgt Ion:330 Resp: 449015

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

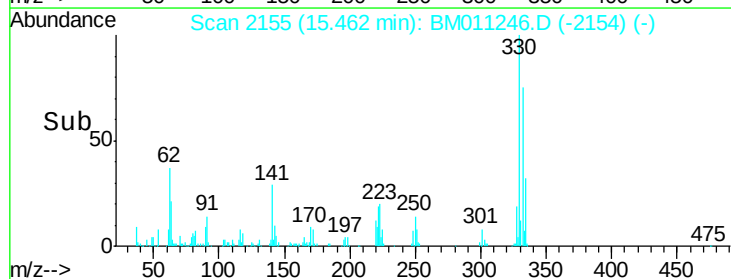
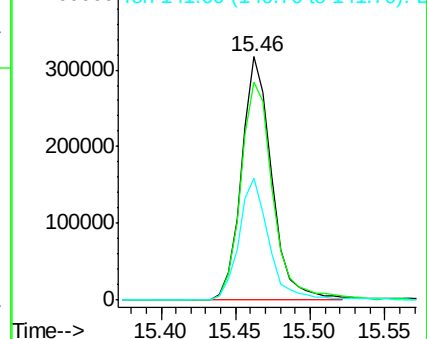
141 49.4 0.0 0.0#

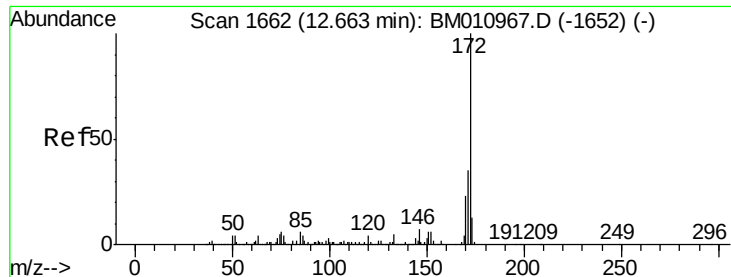


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

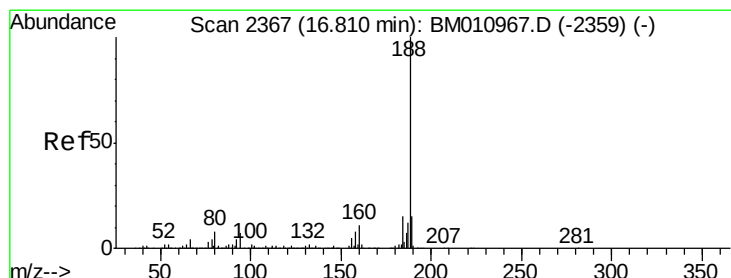
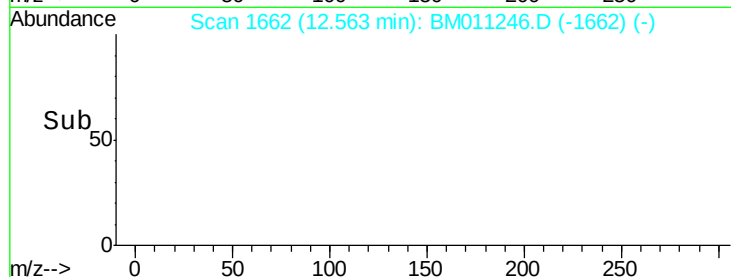
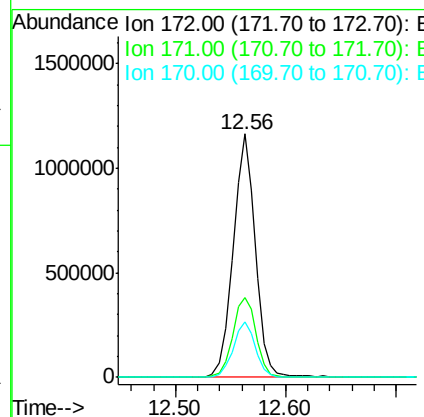
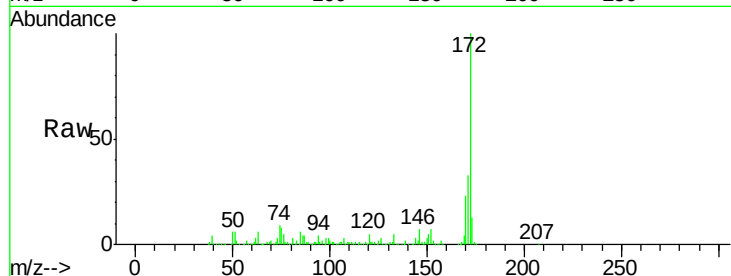




#44
2-Fluorobiphenyl
Concen: 98.14 ng
RT: 12.56 min Scan# 1662
Delta R.T. -0.10 min
Lab File: BM011246.D
Acq: 15 Aug 2017 23:03

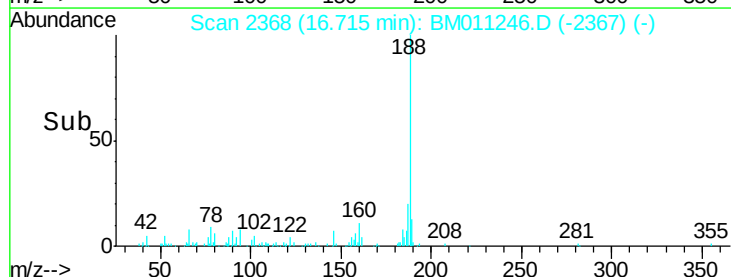
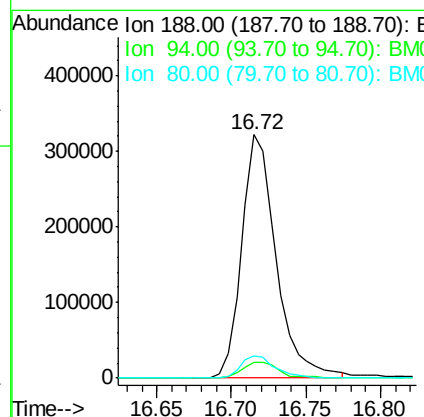
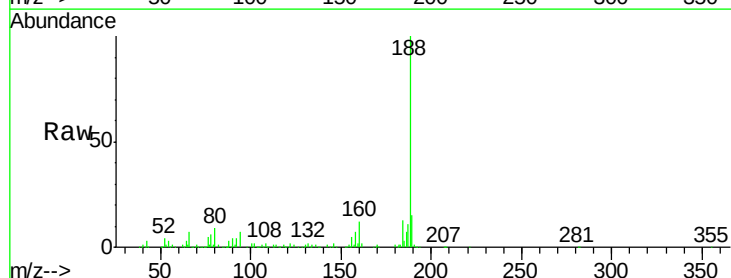
Instrument :
BNA_M
ClientSampleId :
DRUM-1-6-COMP

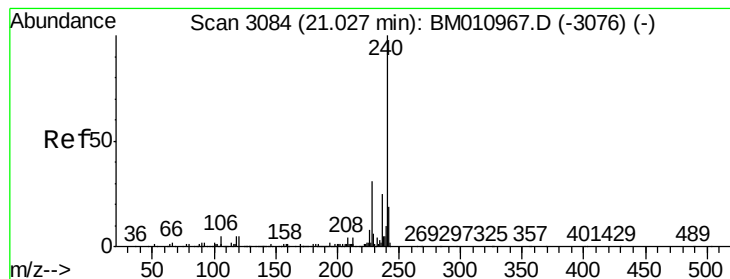
Tot Ion:172 Resp: 1641453
Ion Ratio Lower Upper
172 100
171 32.9 28.5 42.7
170 22.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2368
Delta R.T. -0.09 min
Lab File: BM011246.D
Acq: 15 Aug 2017 23:03

Tgt Ion:188 Resp: 514829
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.3 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

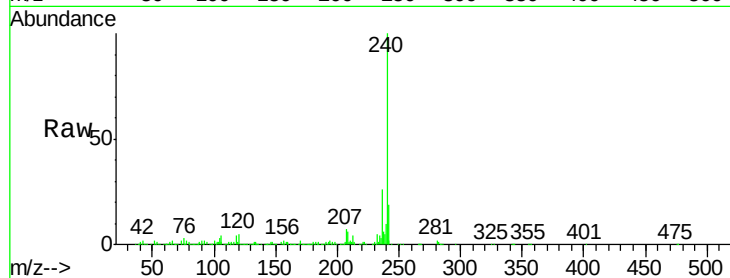
Tot Ion:240 Resp: 672635

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

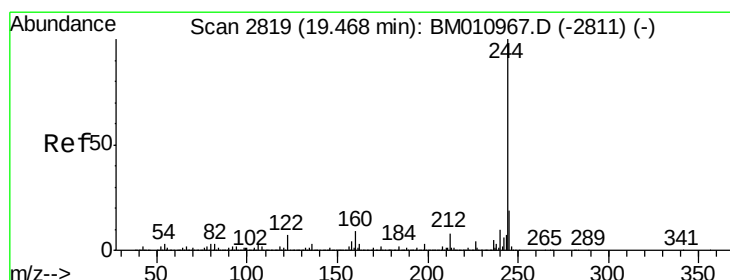
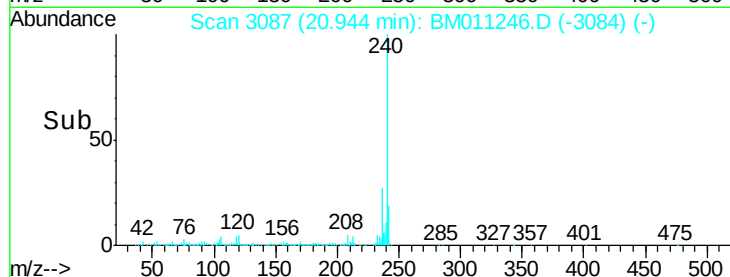
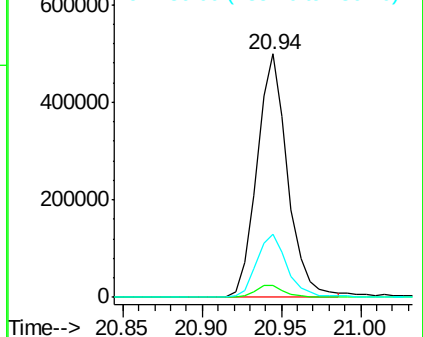
236 25.7 20.0 30.0



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: 81.75 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011246.D

Acq: 15 Aug 2017 23:03

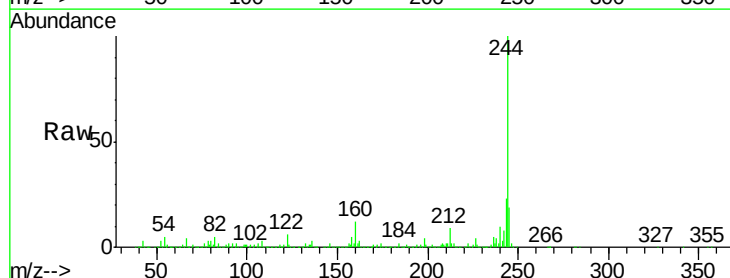
Tgt Ion:244 Resp: 2775987

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

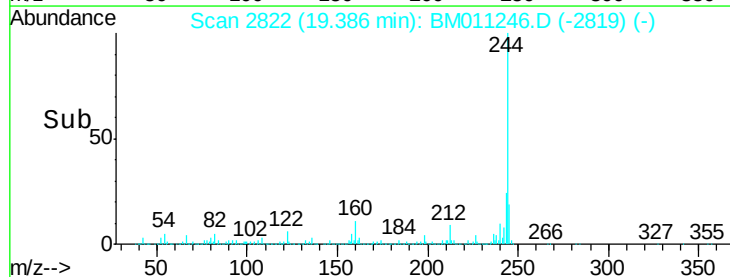
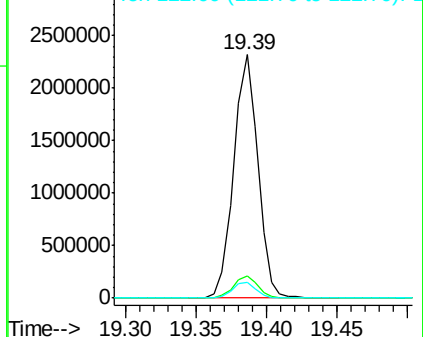
122 6.2 6.2 9.4#

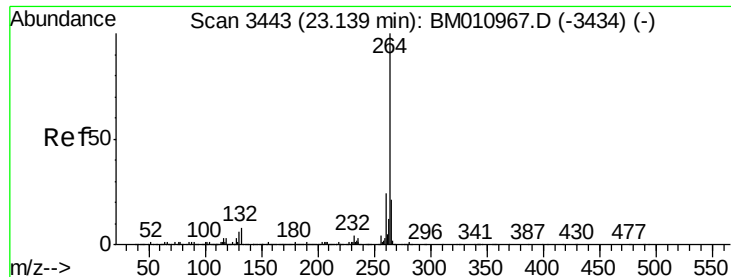


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.12 min
Lab File: BM011246.D
Acq: 15 Aug 2017 23:03

Instrument :
BNA_M
ClientSampleId :
DRUM-1-6-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	23.6	17.3	25.9

