

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011165.D
 Acq On : 07 Aug 2017 22:56
 Operator : SJ/JU
 Sample : I4592-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Quant Time: Aug 08 01:04:00 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

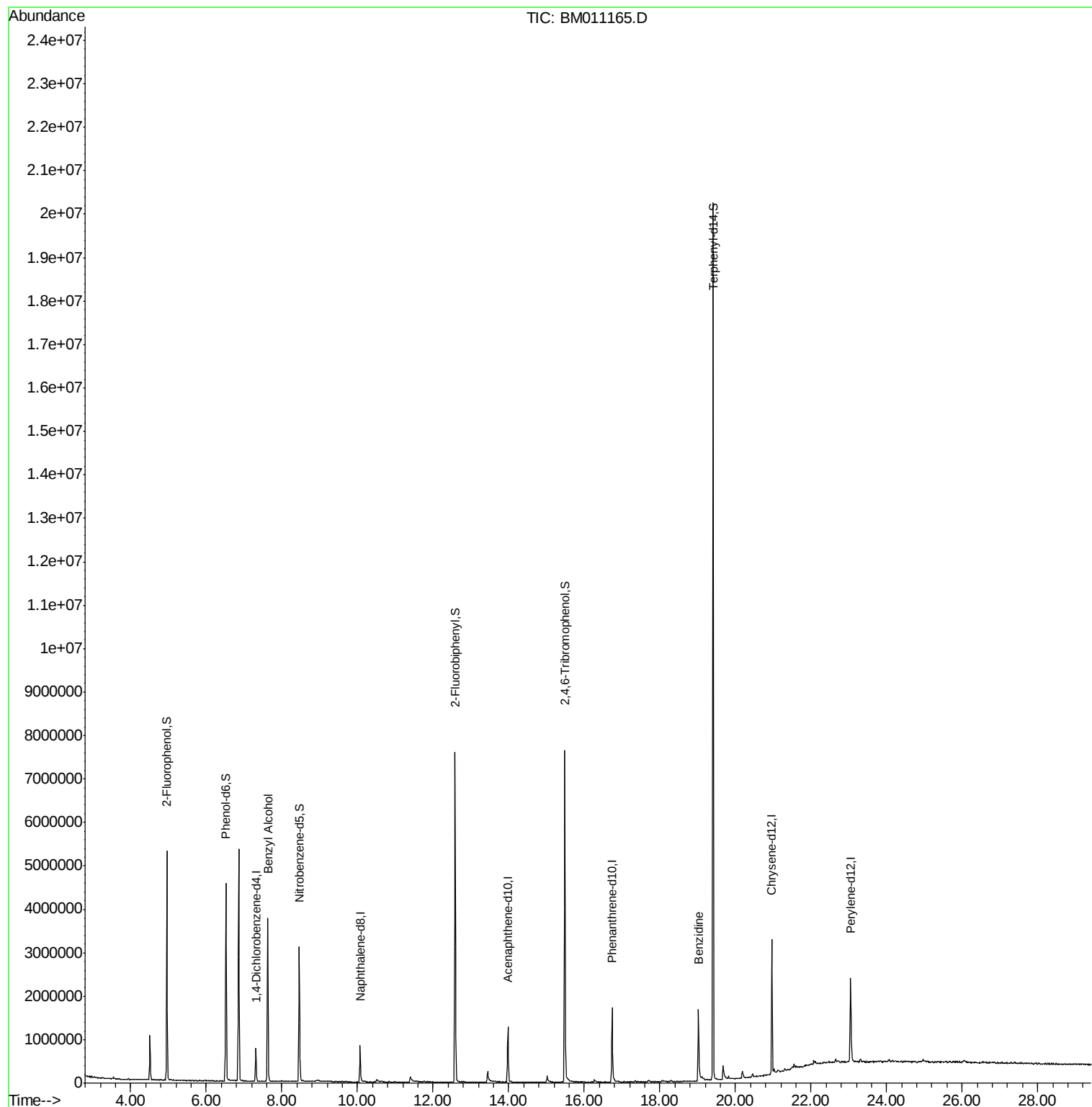
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	142981	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	500592	20.00	ng	-0.08
38) Acenaphthene-d10	13.97	164	367472	20.00	ng	-0.08
63) Phenanthrene-d10	16.74	188	947500	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1551876	20.00	ng	-0.06
86) Perylene-d12	23.04	264	1495493	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1358327	160.59	ng	-0.07
7) Phenol-d6	6.52	99	1785769	148.60	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1687964	126.55	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1008839	171.29	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3111164	106.18	ng	-0.08
78) Terphenyl-d14	19.41	244	7326170	93.51	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.62	79	27112	2.35	ng	Qvalue # 56
76) Benzidine	19.02	184	1006339	27.11	ng	98

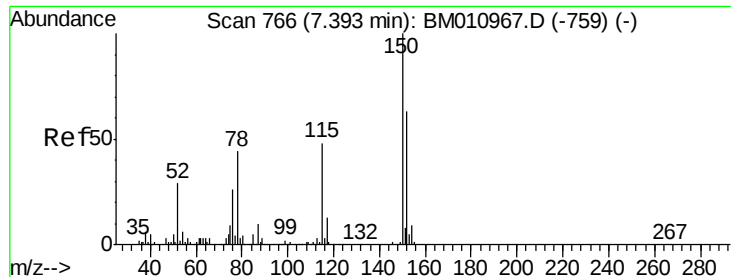
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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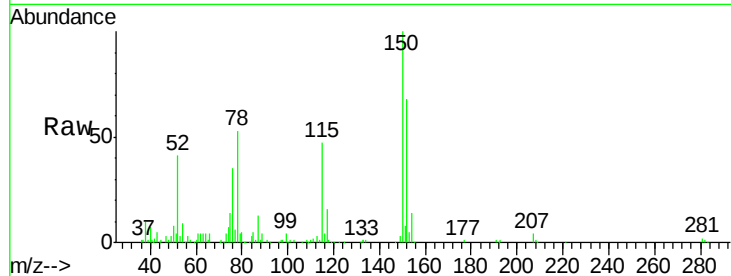


#1

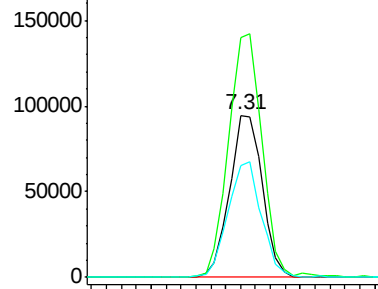
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.31 min Scan# 769
 Delta R.T. -0.08 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

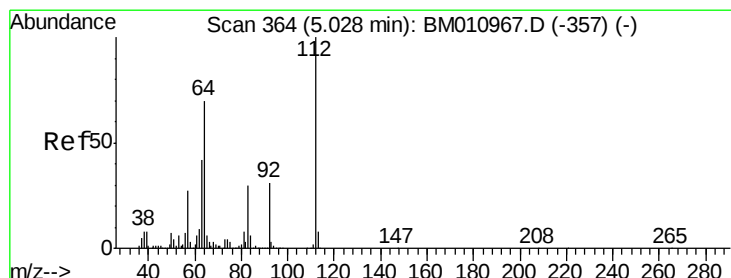
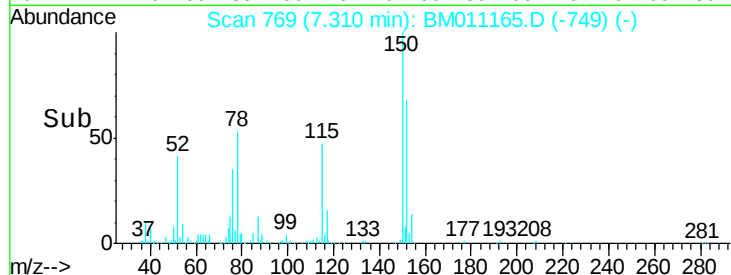
Tot Ion:152 Resp: 142981
 Ion Ratio Lower Upper
 152 100
 150 147.6 119.5 179.3
 115 68.9 43.0 64.4#



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



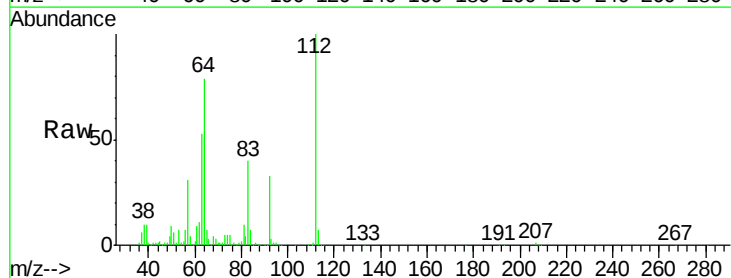
Time-->



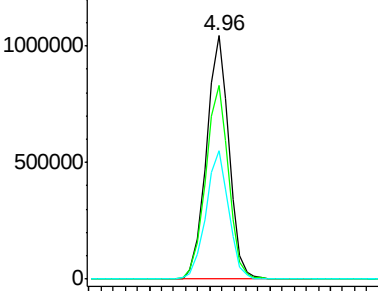
#5

2-Fluorophenol
 Concen: 160.59 ng
 RT: 4.96 min Scan# 369
 Delta R.T. -0.07 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

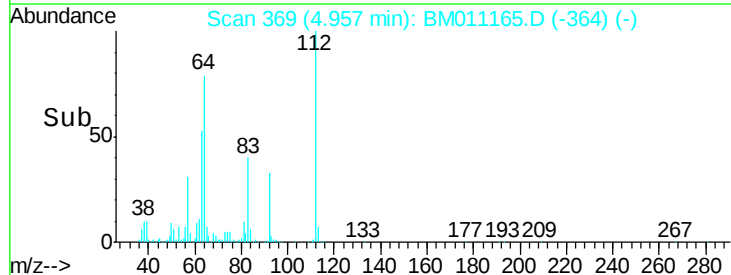
Tgt Ion:112 Resp: 1358327
 Ion Ratio Lower Upper
 112 100
 64 79.4 38.6 57.8#
 63 52.9 19.3 28.9#

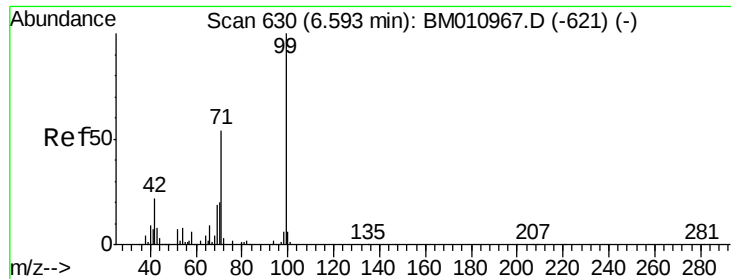


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 148.60 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451

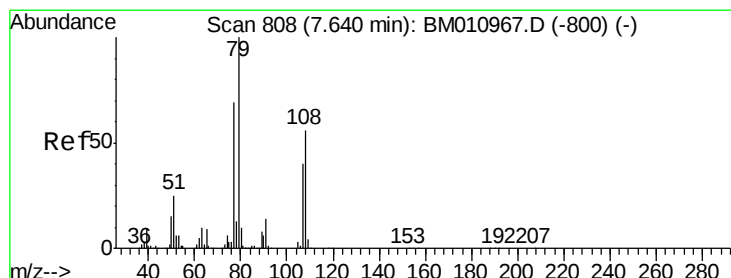
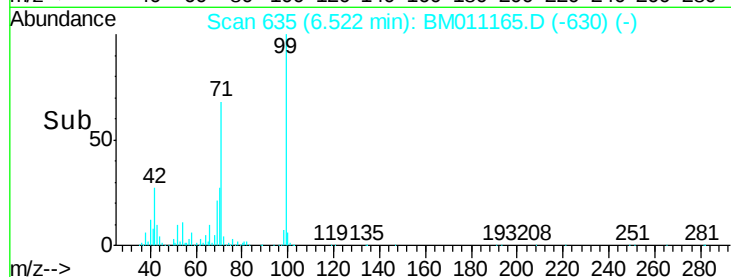
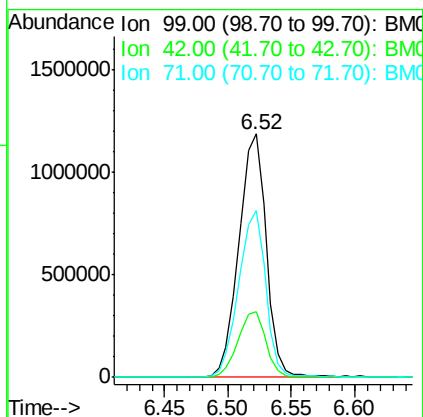
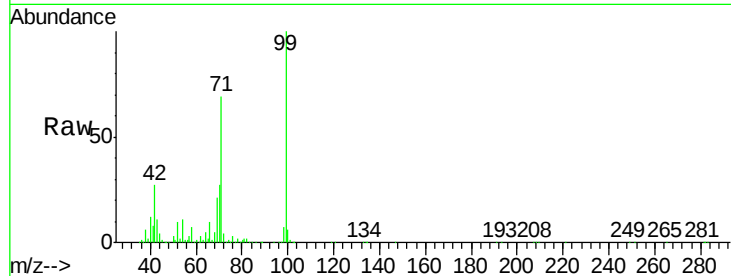
Tot Ion: 99 Resp: 1785769

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

71 68.7 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 7.62 min Scan# 822

Delta R.T. -0.02 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

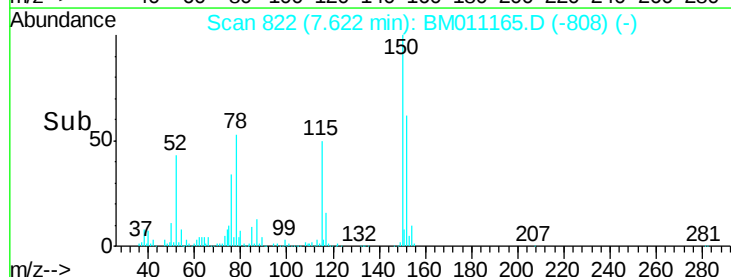
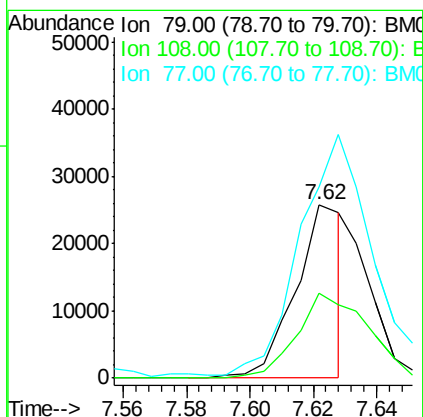
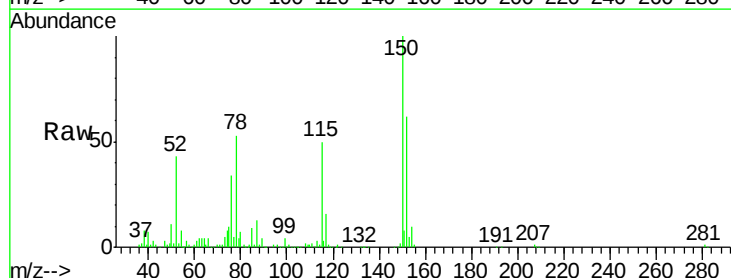
Tgt Ion: 79 Resp: 27112

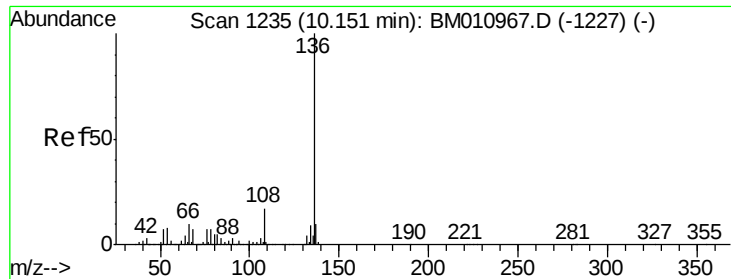
Ion Ratio Lower Upper

79 100

108 49.2 65.0 97.4#

77 110.0 53.0 79.6#

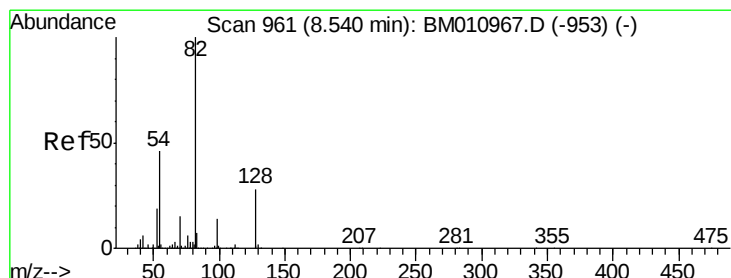
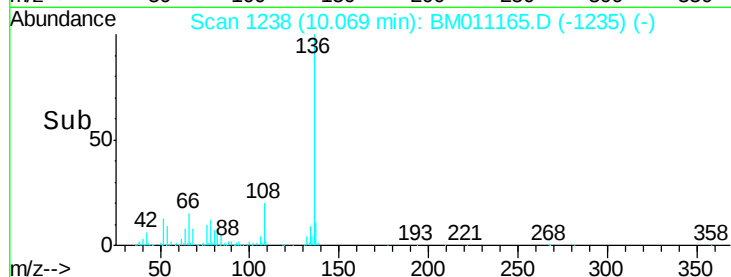
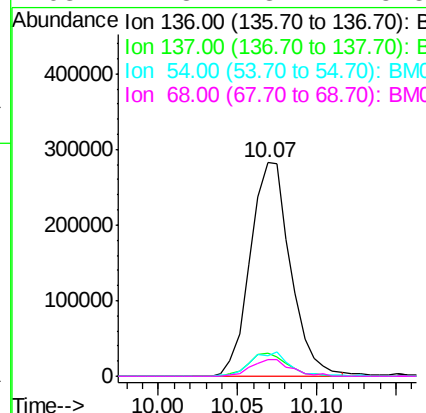
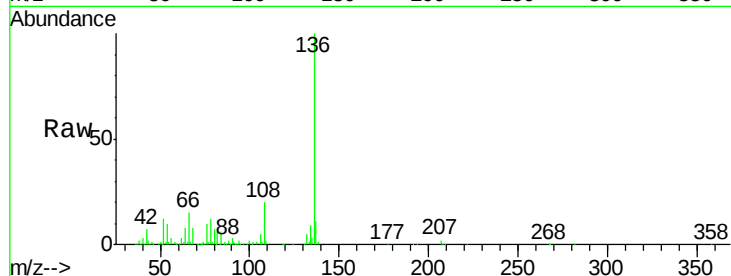




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

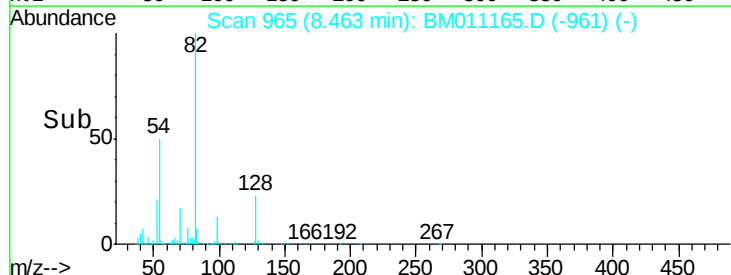
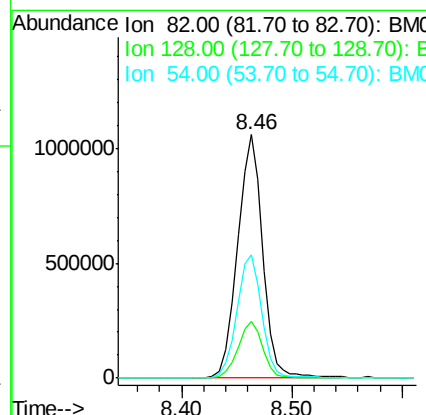
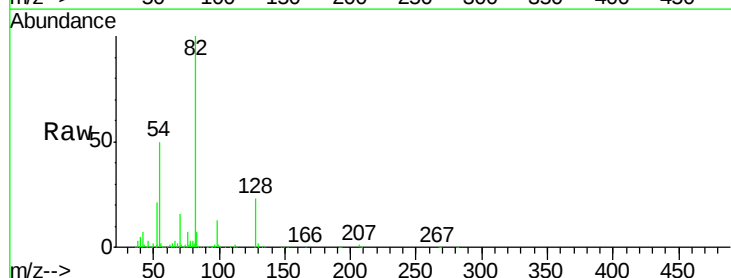
Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451

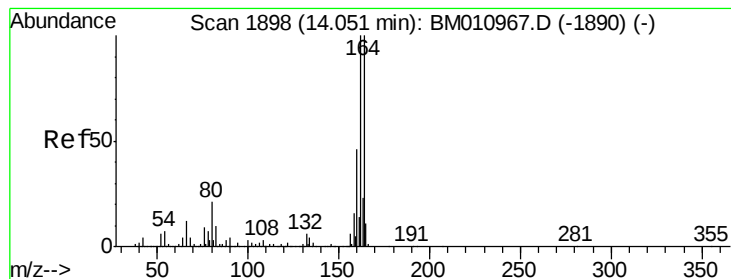
Tot Ion:136	Resp:	500592
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 9.8	4.6	6.8#
68 7.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 126.55 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Tgt	Ion: 82	Resp: 1687964	
Ion	Ratio	Lower	Upper
82	100		
128	23.4	32.8	49.2#
54	50.5	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.97 min Scan# 1902

Delta R.T. -0.08 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451

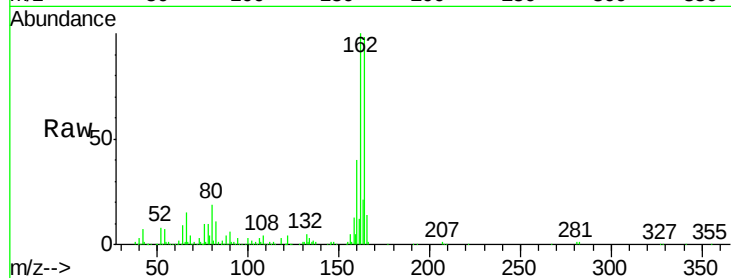
Tot Ion:164 Resp: 367472

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

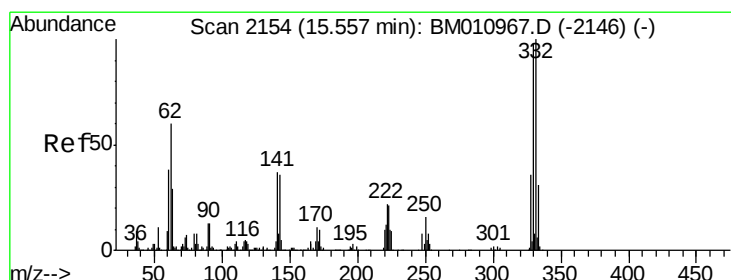
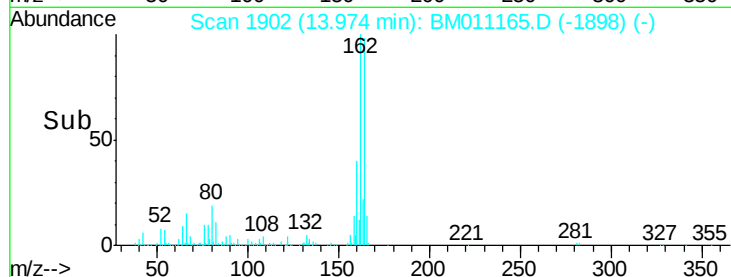
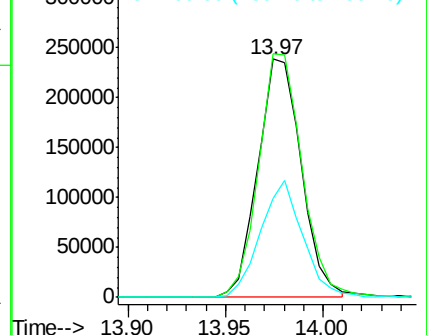
160 41.4 35.8 53.6



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: 171.29 ng

RT: 15.49 min Scan# 2159

Delta R.T. -0.07 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

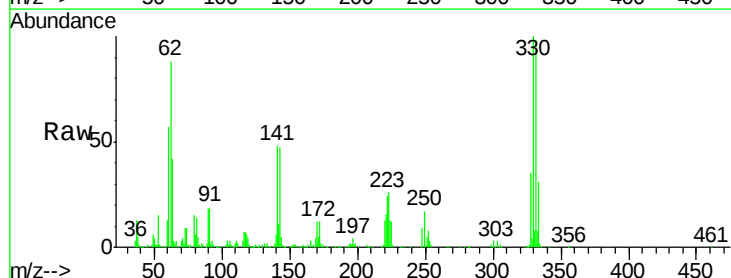
Tgt Ion:330 Resp: 1008839

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

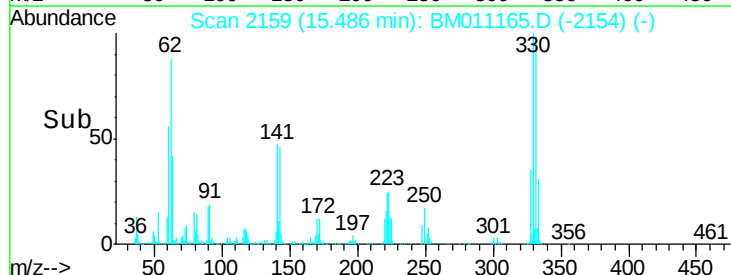
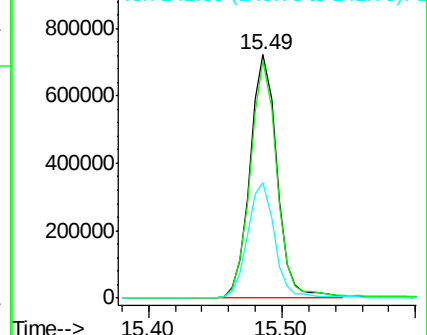
141 47.7 0.0 0.0#

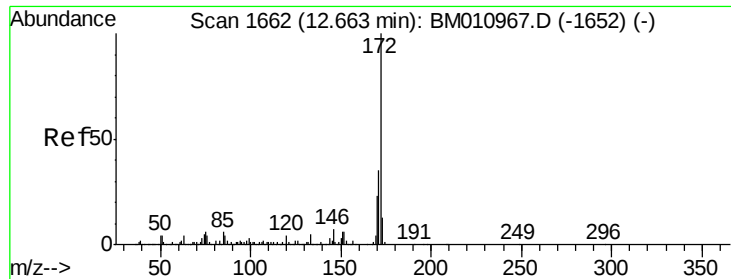


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

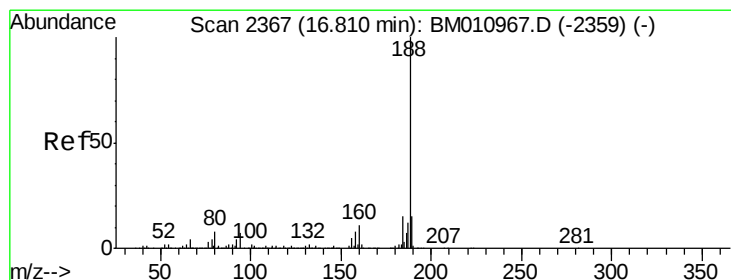
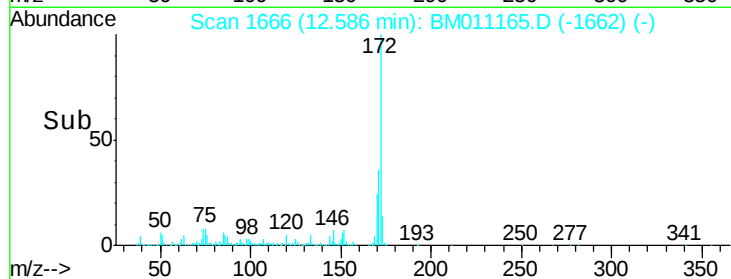
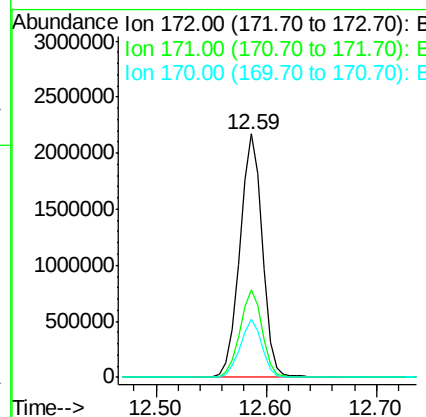
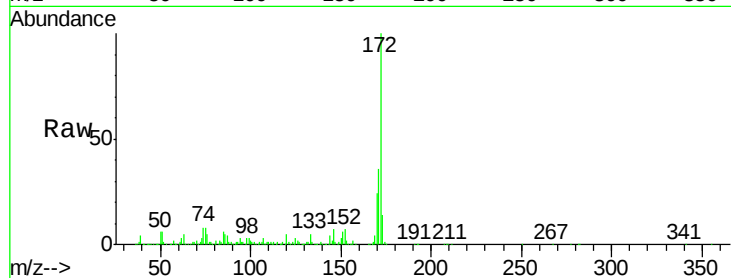




#44
2-Fluorobiphenyl
Concen: 106.18 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

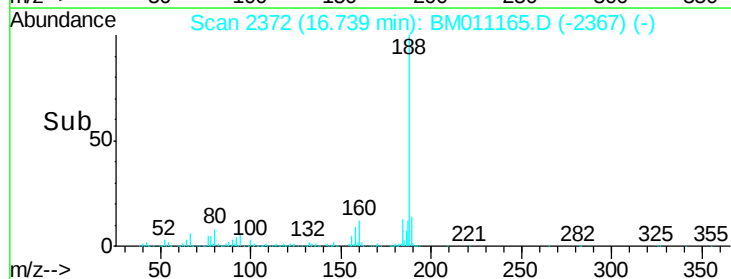
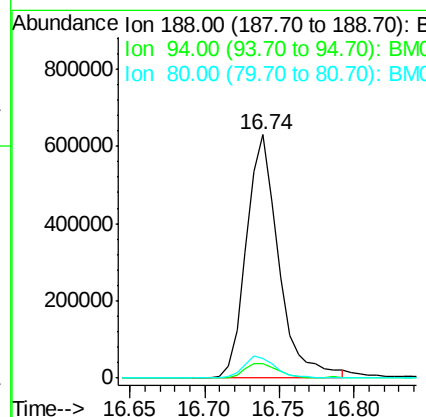
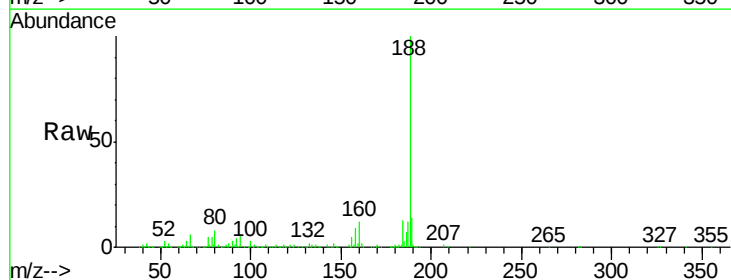
Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion:172 Resp: 3111164
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Tgt Ion:188 Resp: 947500
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 8.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451

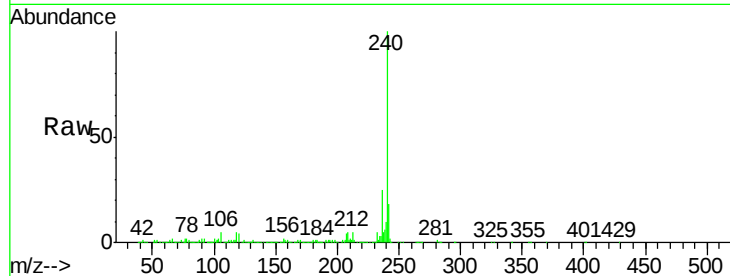
Tot Ion:240 Resp: 1551876

Ion Ratio Lower Upper

240 100

120 4.0 8.2 12.2#

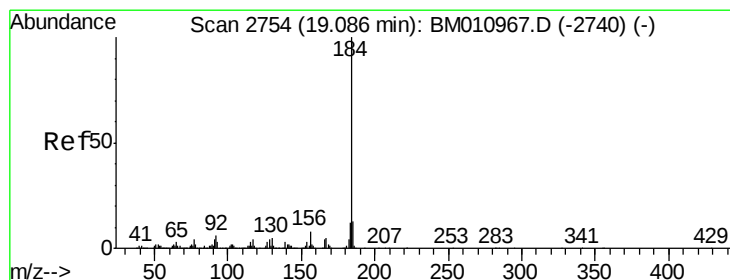
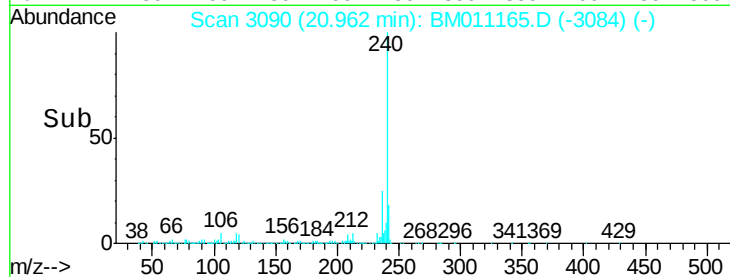
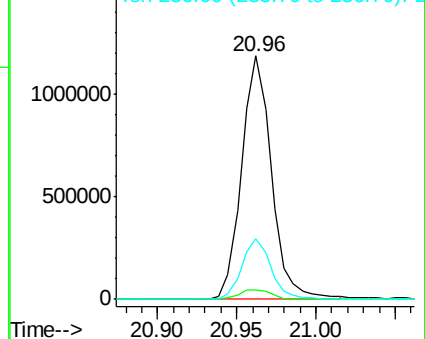
236 24.8 20.0 30.0



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



#76

Benzidine

Concen: 27.11 ng

RT: 19.02 min Scan# 2760

Delta R.T. -0.06 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

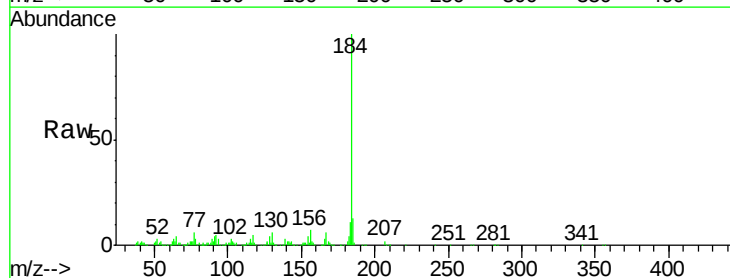
Tgt Ion:184 Resp: 1006339

Ion Ratio Lower Upper

184 100

185 12.7 11.3 16.9

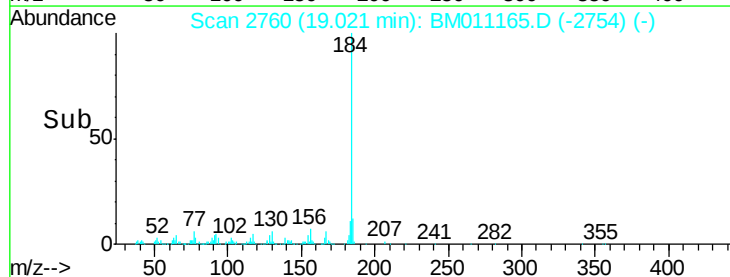
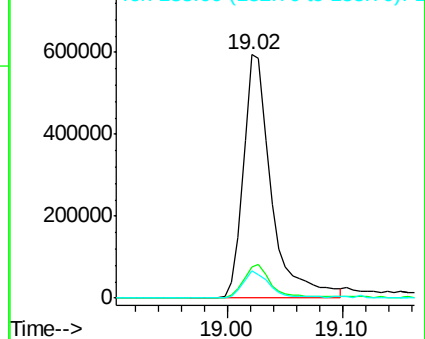
183 11.3 8.9 13.3

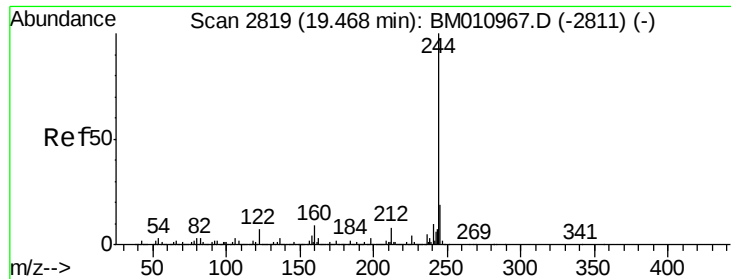


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

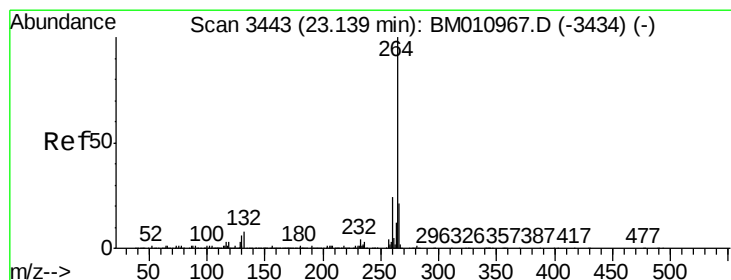
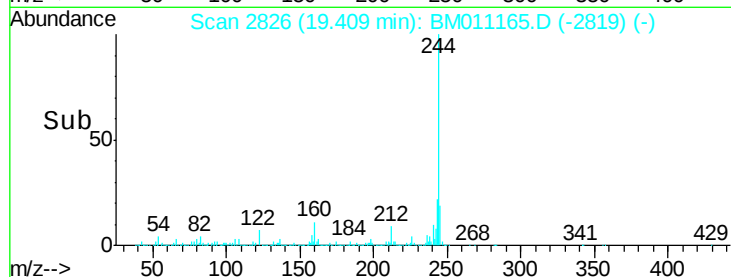
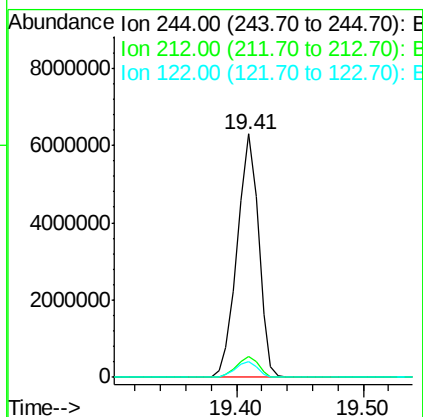
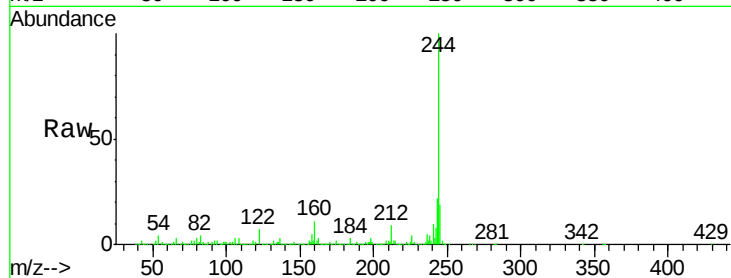




#78
 Terphenyl-d14
 Concen: 93.51 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Tot Ion:244 Resp: 7326170
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.9 7.3#
 122 6.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.04 min Scan# 3444
 Delta R.T. -0.09 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Tgt Ion:264 Resp: 1495493
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 22.2 17.3 25.9

