

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081417\
 Data File : BM011229.D
 Acq On : 14 Aug 2017 14:36
 Operator : SJ/JU
 Sample : I4700-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 14 15:57:59 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

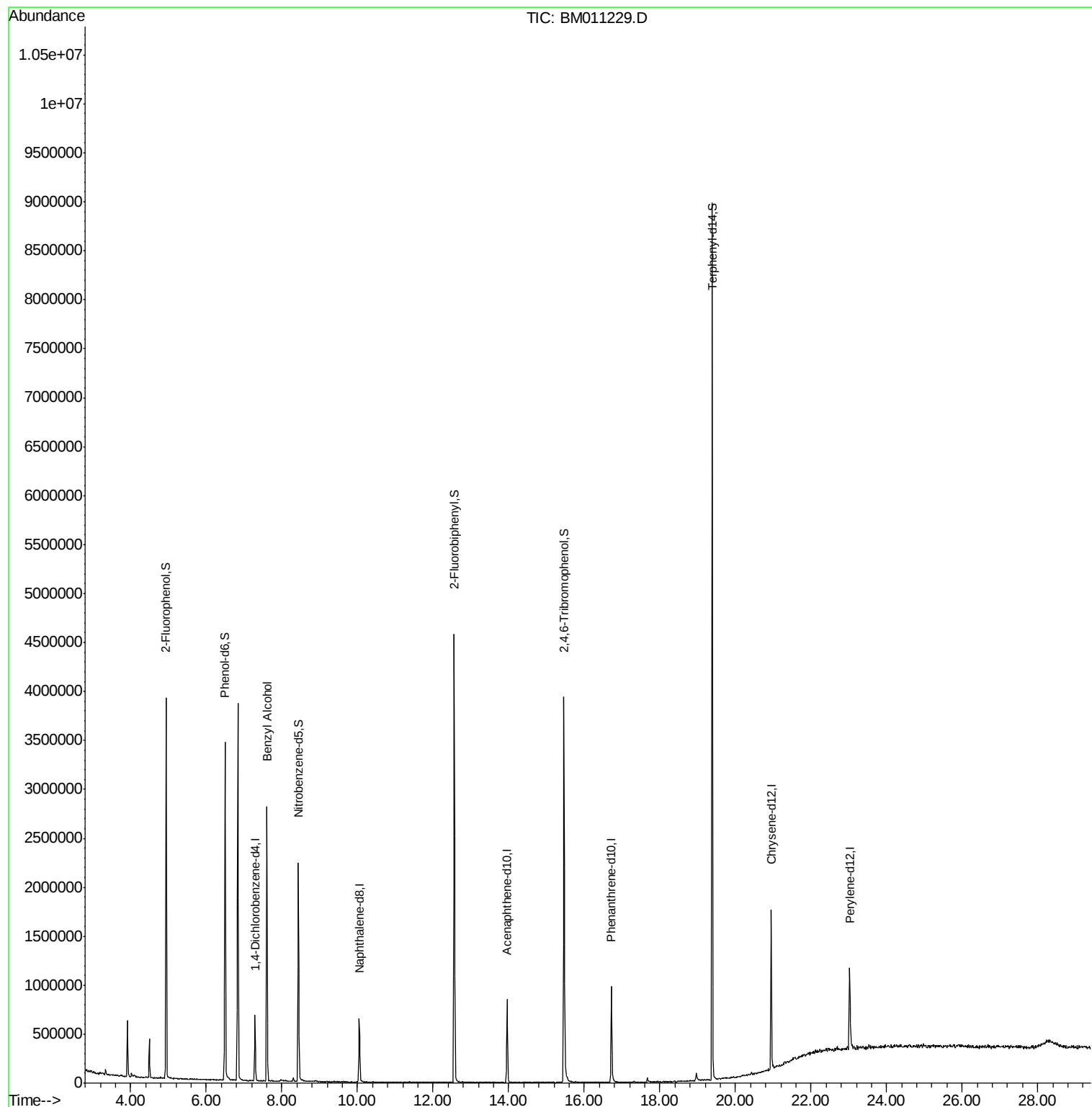
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	110486	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	376158	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	238305	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	591025	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	773313	20.00	ng	-0.08
86) Perylene-d12	23.02	264	506948	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	950703	145.46	ng	-0.09
7) Phenol-d6	6.50	99	1243672	133.92	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1203995	120.13	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	542897	142.14	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1960874	103.20	ng	-0.10
78) Terphenyl-d14	19.39	244	3229216	82.72	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	23326	2.618	ng	Qvalue # 33

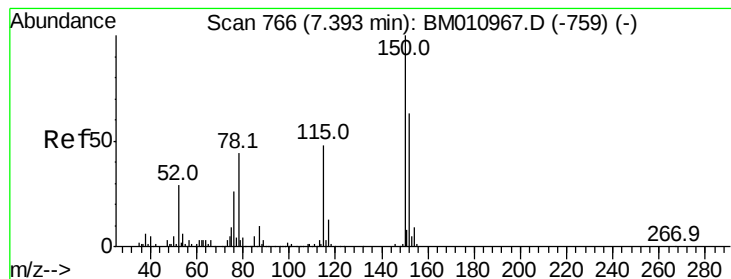
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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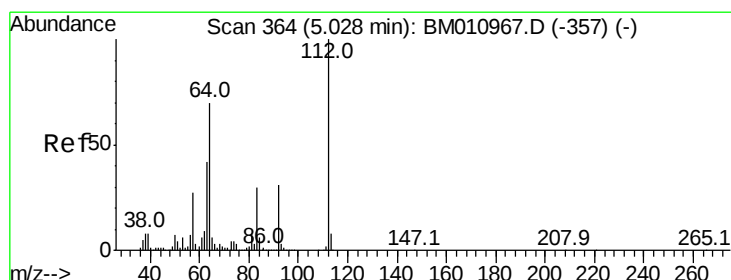
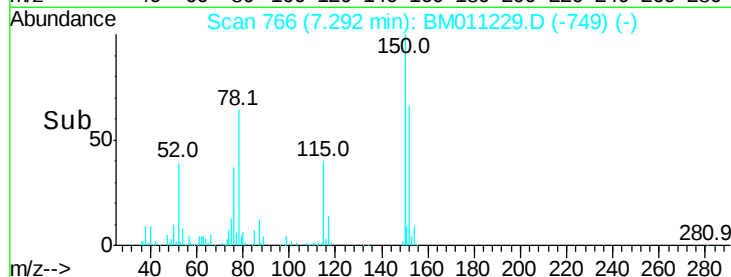
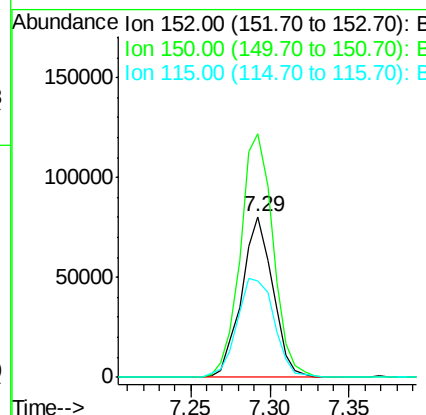
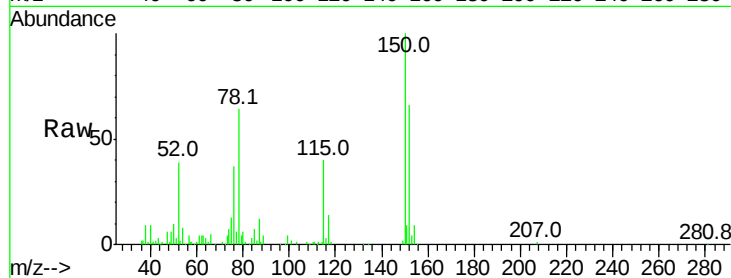


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Instrument :
BNA_M
ClientSampleId :

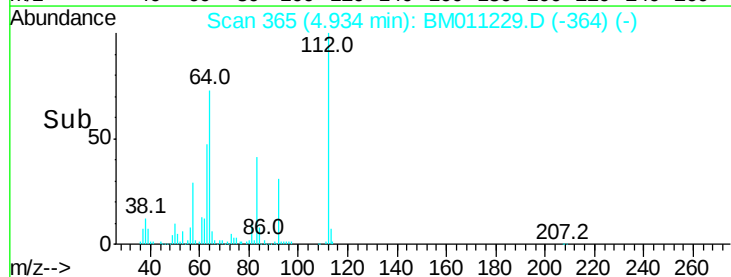
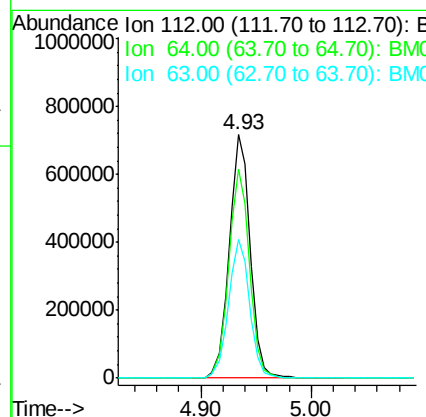
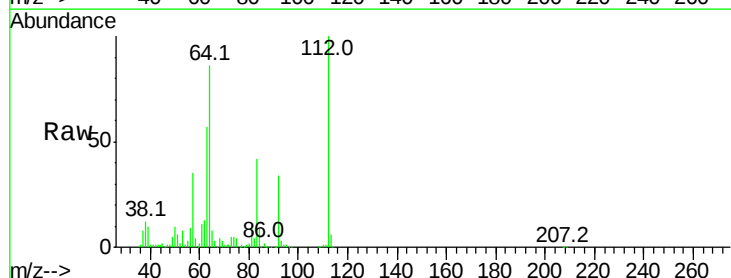
Tot Ion:152 Resp: 110486
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 60.0 43.0 64.4

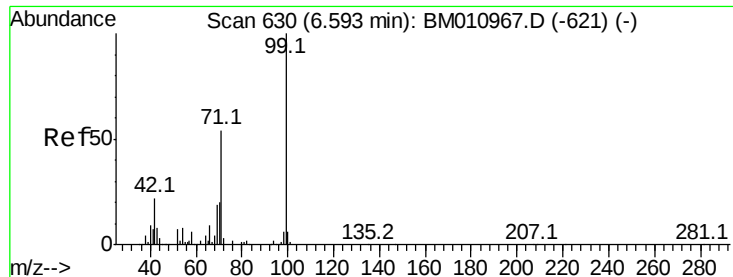


#5

2-Fluorophenol
Concen: 145.458 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Tgt Ion:112 Resp: 950703
Ion Ratio Lower Upper
112 100
64 86.1 38.6 57.8#
63 57.0 19.3 28.9#





#7

Phenol-d6

Concen: 133.925 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Instrument :

BNA_M

ClientSampled :

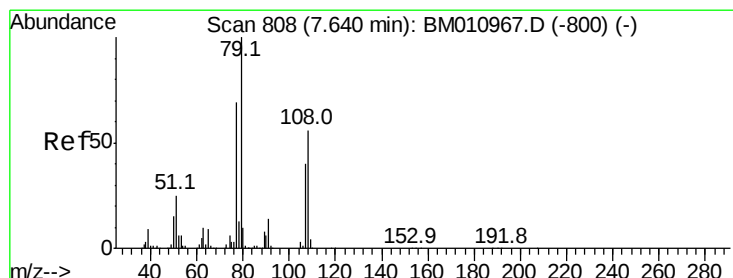
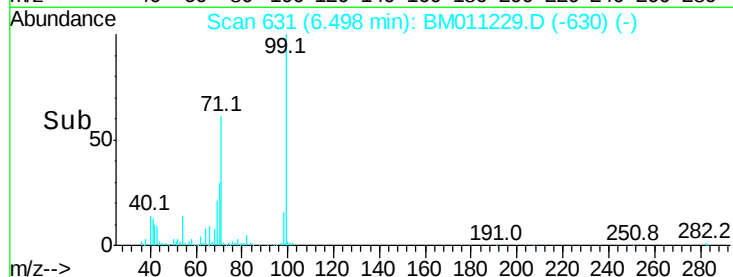
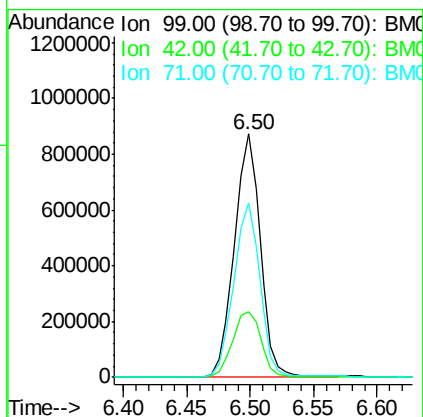
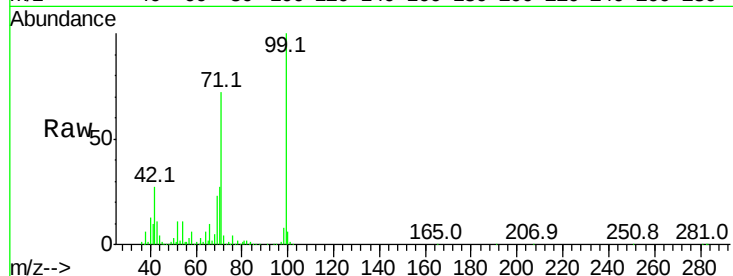
Tot Ion: 99 Resp: 1243672

Ion Ratio Lower Upper

99 100

42 26.9 11.0 16.4#

71 71.7 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.618 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

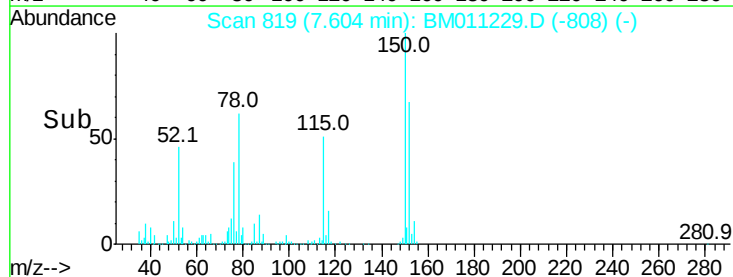
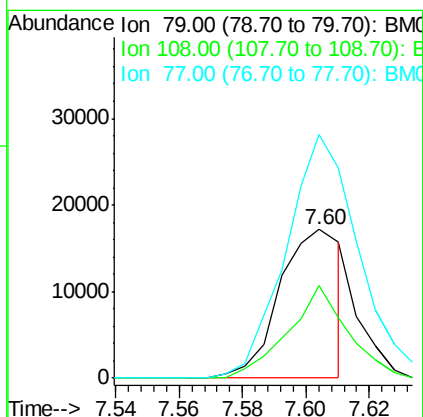
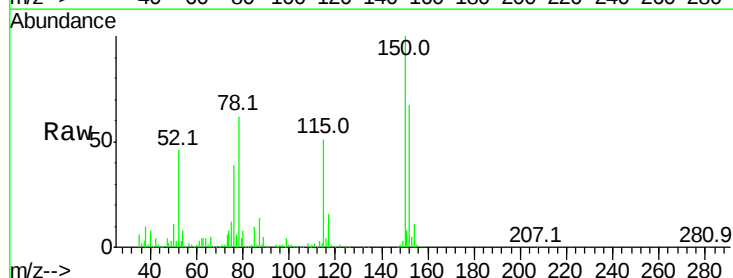
Tgt Ion: 79 Resp: 23326

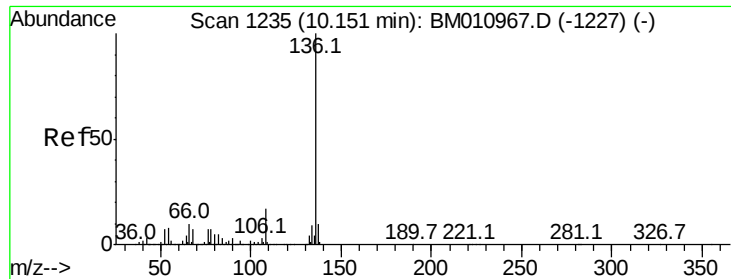
Ion Ratio Lower Upper

79 100

108 62.0 65.0 97.4#

77 164.0 53.0 79.6#

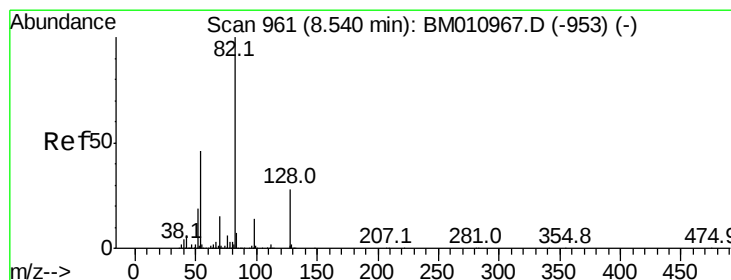
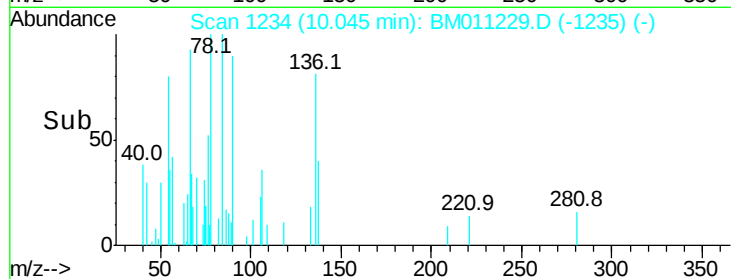
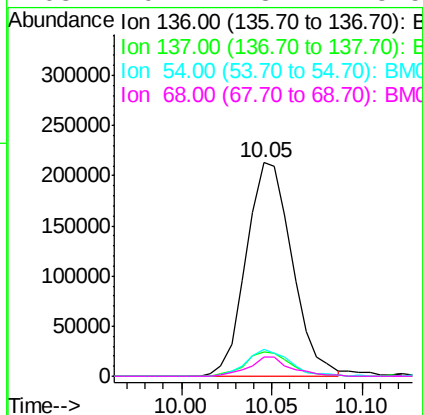
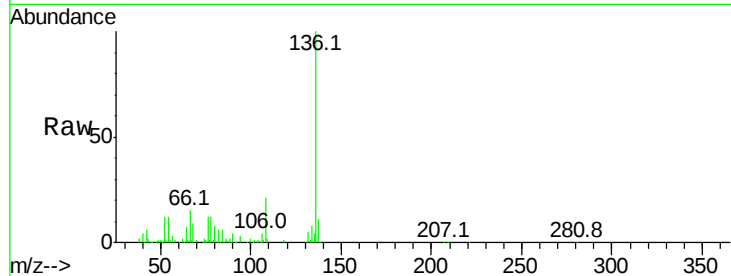




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.11 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

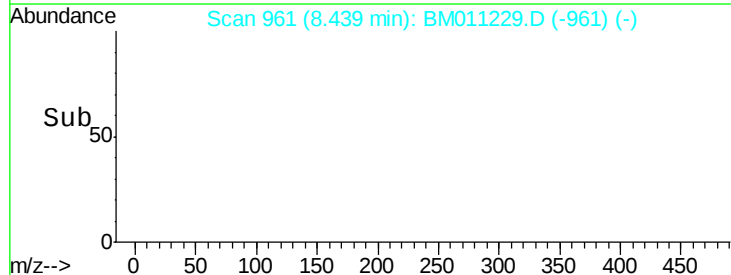
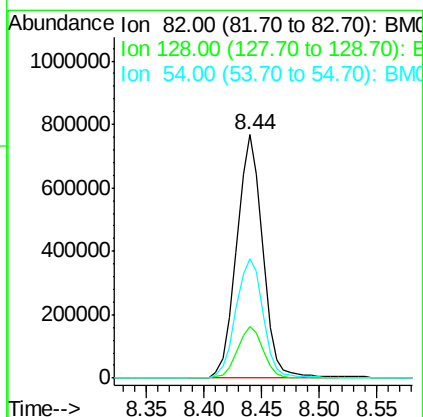
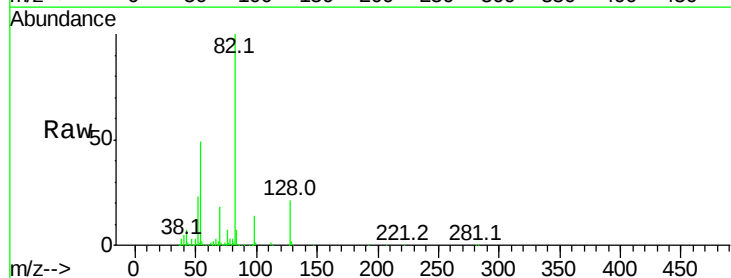
Instrument :
BNA_M
ClientSampleId :

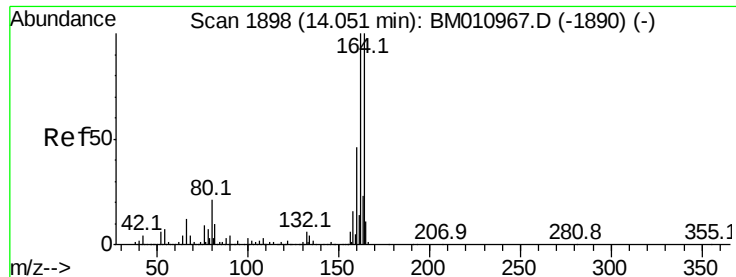
Tot Ion:	136	Resp:	376158
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.4	4.6	6.8#
68	9.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 120.130 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011229.D
Acq: 14 Aug 2017 14:36

Tgt Ion:	82	Resp:	1203995
Ion	Ratio	Lower	Upper
82	100		
128	21.2	32.8	49.2#
54	49.1	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Instrument :

BNA_M

ClientSampleId :

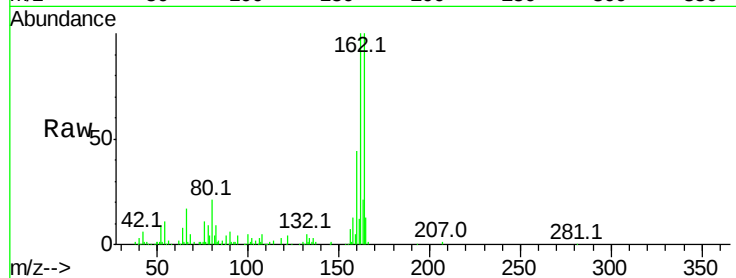
Tot Ion:164 Resp: 238305

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

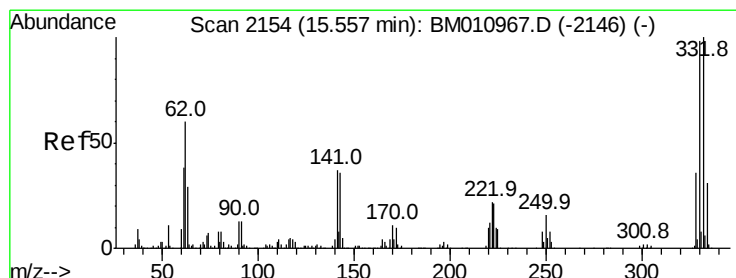
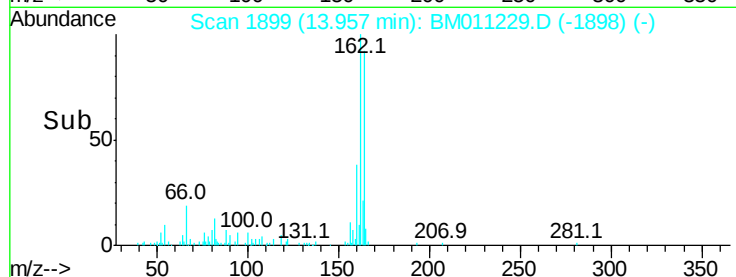
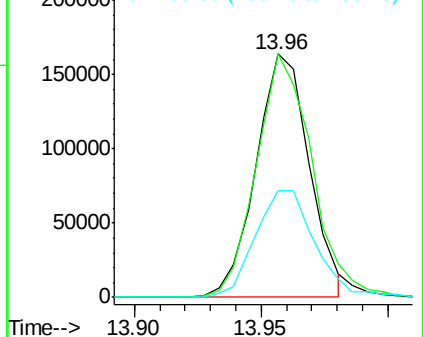
160 43.7 35.8 53.6



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: 142.137 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.09 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

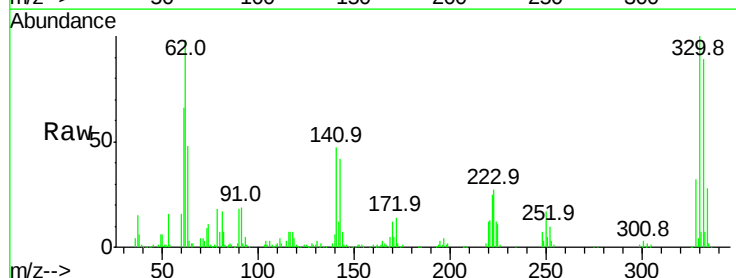
Tgt Ion:330 Resp: 542897

Ion Ratio Lower Upper

330 100

332 91.9 0.0 0.0#

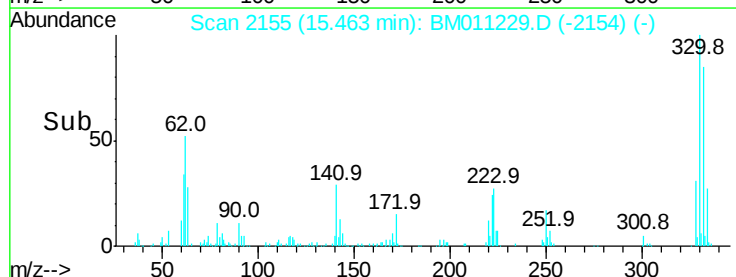
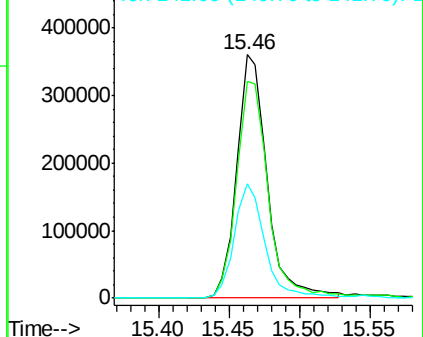
141 47.2 0.0 0.0#

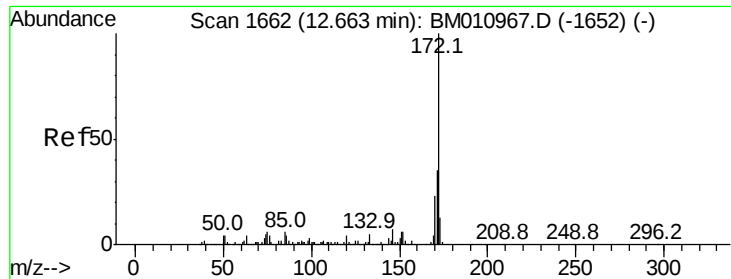


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



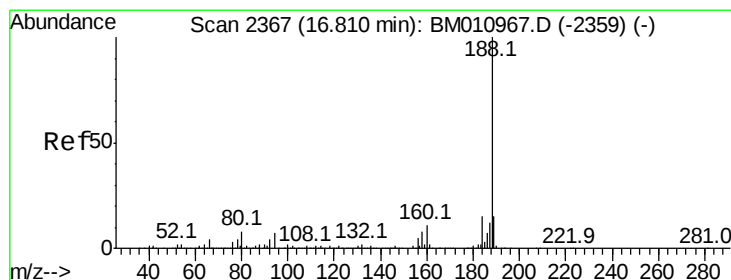
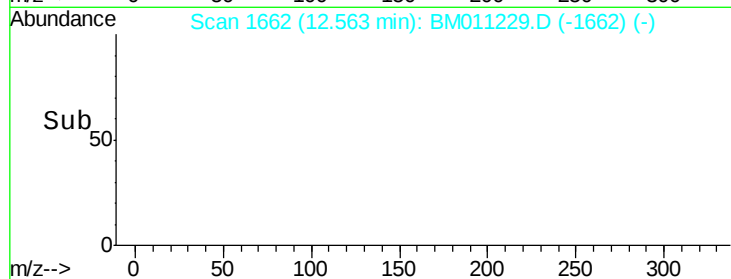
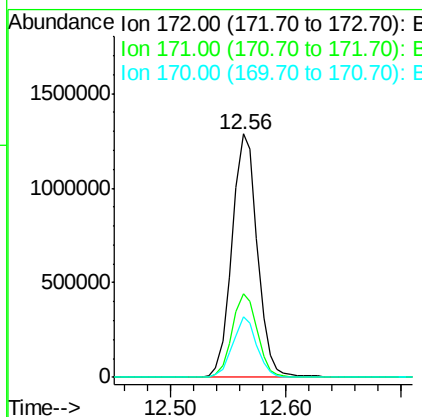
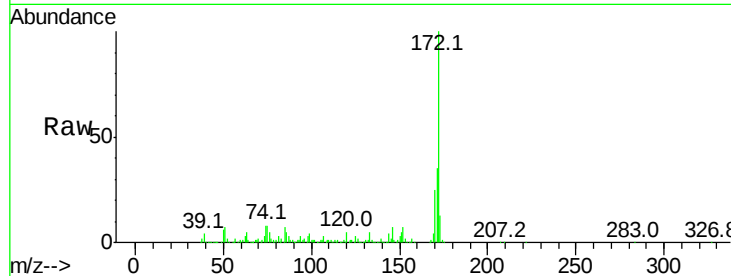


#44
 2-Fluorobiphenyl
 Concen: 103.196 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1960874

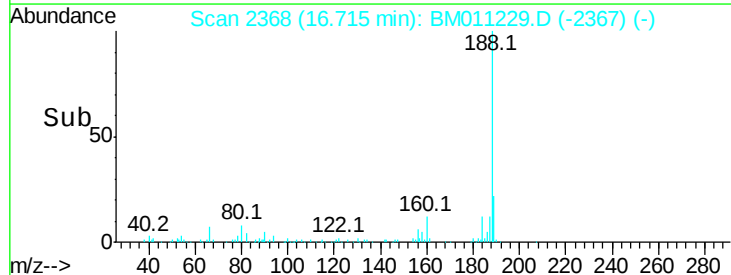
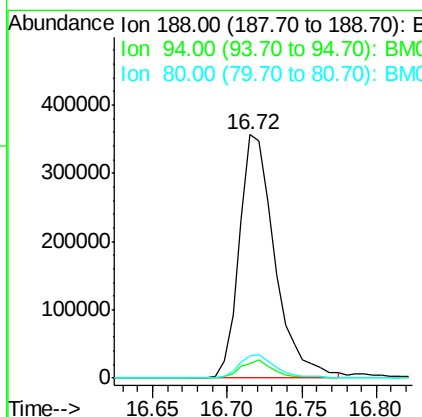
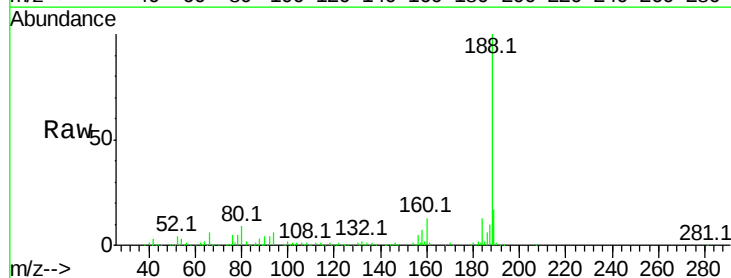
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	24.9	18.8	28.2

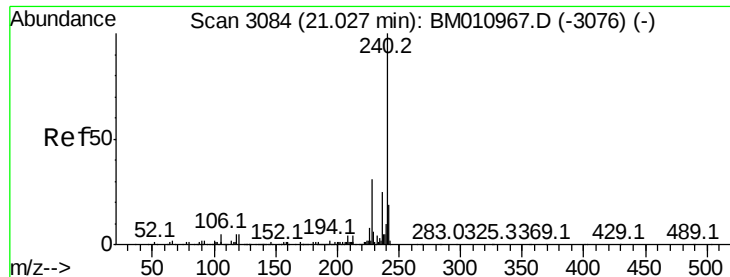


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.72 min Scan# 2368
 Delta R.T. -0.09 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Tgt Ion:188 Resp: 591025

Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	8.9	9.3	13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

Instrument :

BNA_M

ClientSampleId :

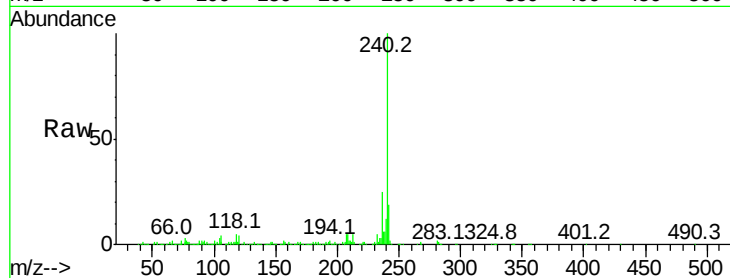
Tot Ion:240 Resp: 773313

Ion Ratio Lower Upper

240 100

120 4.2 8.2 12.2#

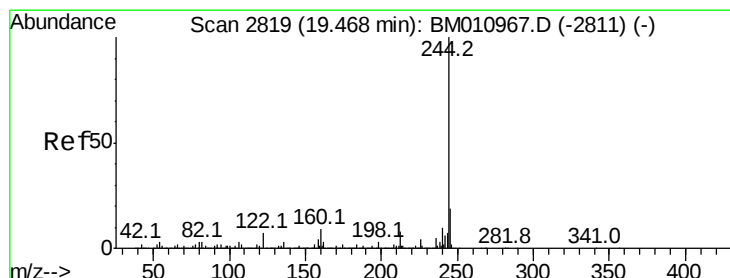
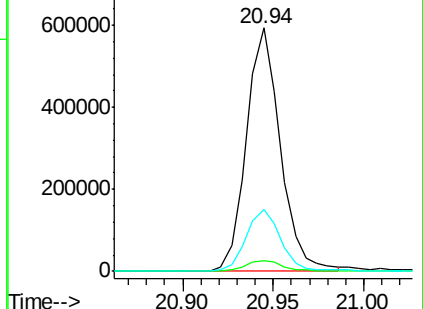
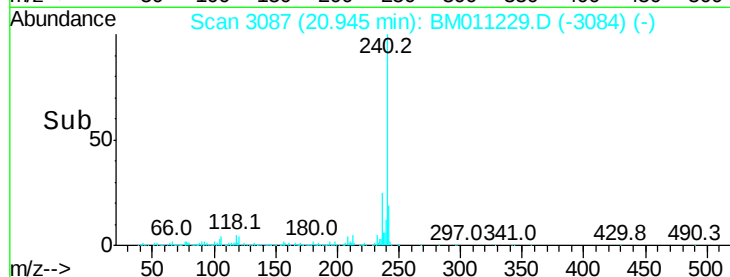
236 25.2 20.0 30.0



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: 82.718 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011229.D

Acq: 14 Aug 2017 14:36

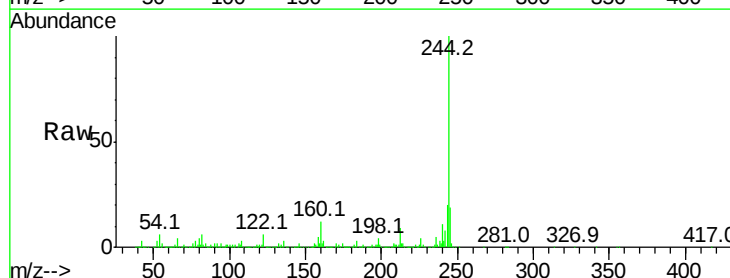
Tgt Ion:244 Resp: 3229216

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

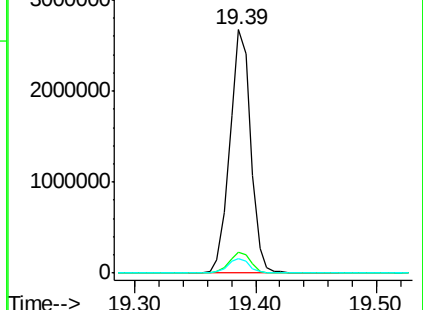
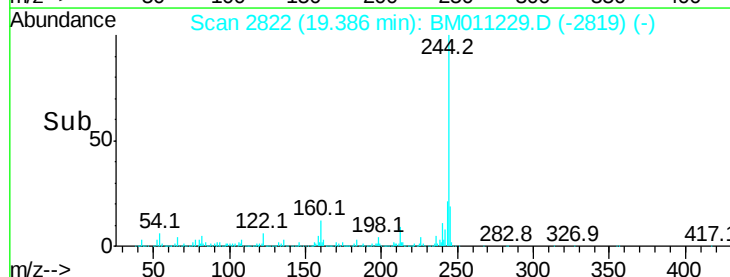
122 6.2 6.2 9.4#

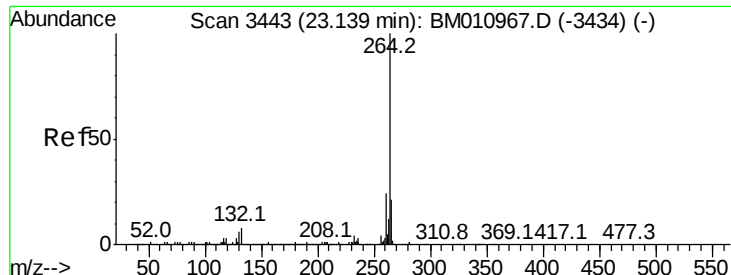


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

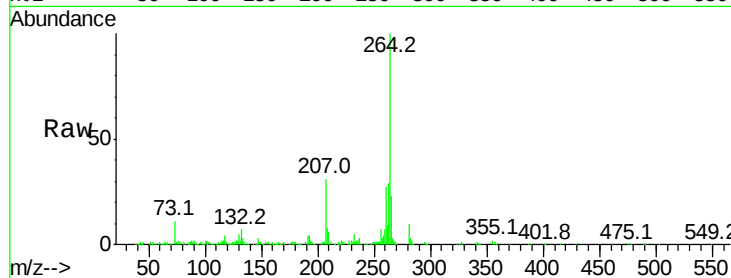




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011229.D
 Acq: 14 Aug 2017 14:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.2	18.6	27.8
265	22.9	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

