

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011337.D
 Acq On : 22 Aug 2017 21:11
 Operator : SJ/JU
 Sample : I4900-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 220-2-STONE

Quant Time: Aug 23 02:35:53 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

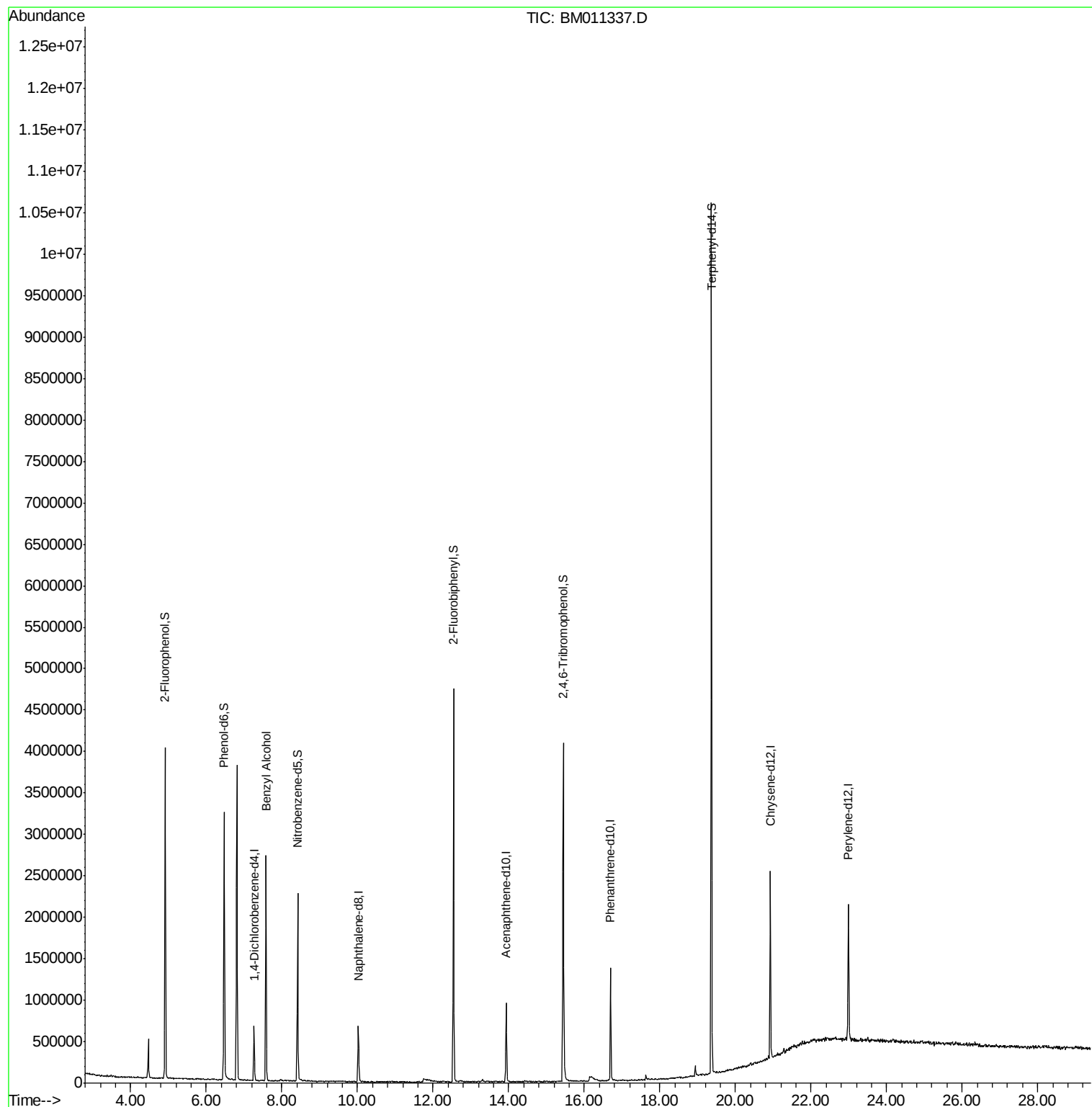
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	117761	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	409109	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	269630	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	700090	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1058491	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1044350	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	962262	138.13	ng	-0.02
7) Phenol-d6	6.47	99	1267293	128.04	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1314746	120.61	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	562046	130.05	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2003605	93.19	ng	-0.02
78) Terphenyl-d14	19.37	244	3787947	70.89	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.57	79	30165	3.18	ng	Qvalue # 40

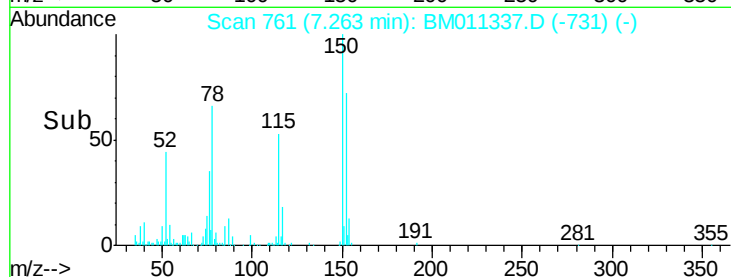
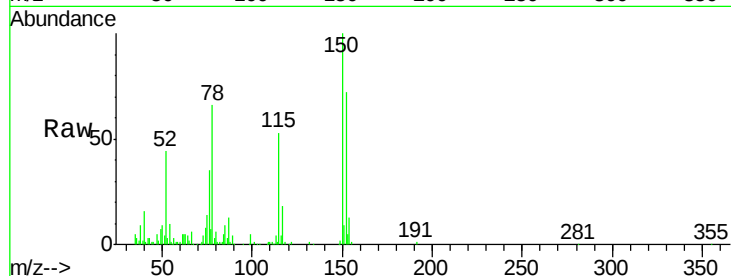
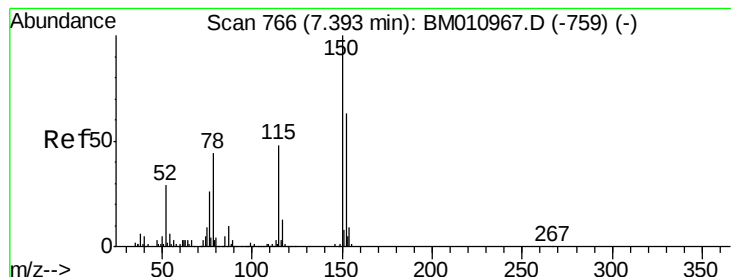
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 761

Delta R.T. -0.02 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

Instrument :

BNA_M

ClientSampleId :

220-2-STONE

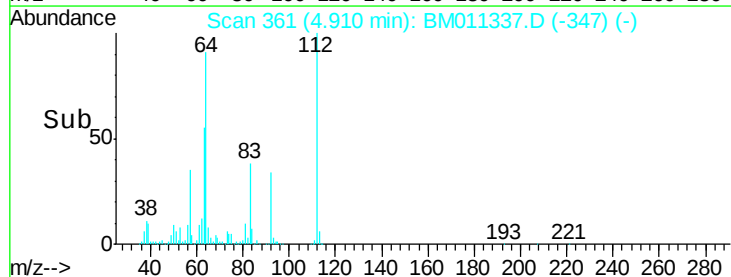
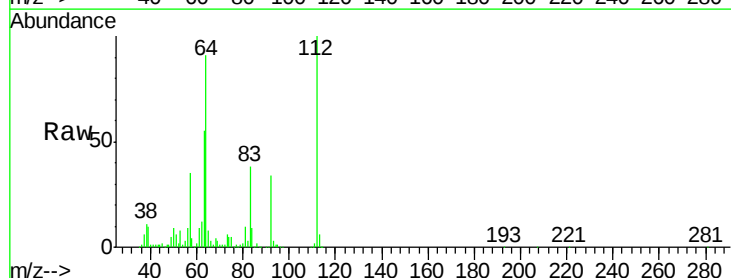
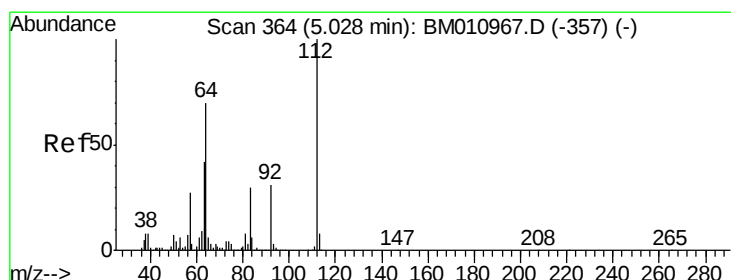
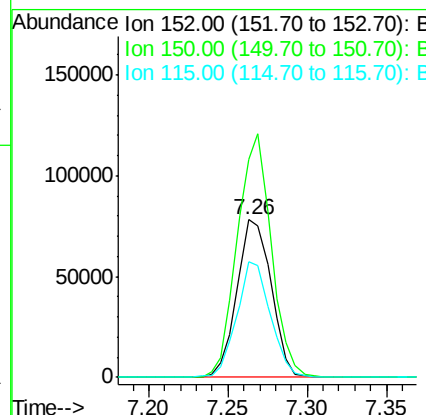
Tot Ion:152 Resp: 117761

Ion Ratio Lower Upper

152 100

150 138.7 119.5 179.3

115 73.5 43.0 64.4#



#5

2-Fluorophenol

Concen: 138.13 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

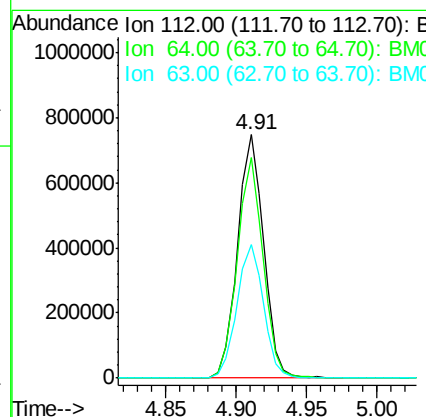
Tgt Ion:112 Resp: 962262

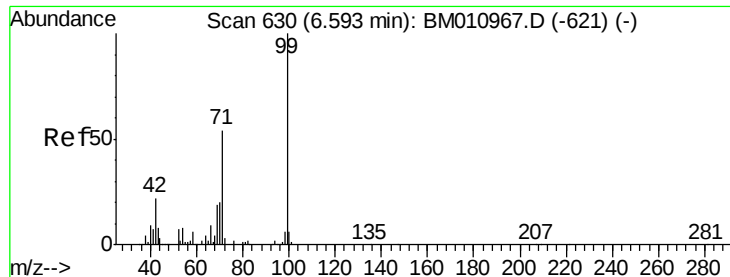
Ion Ratio Lower Upper

112 100

64 90.7 38.6 57.8#

63 54.8 19.3 28.9#





#7

Phenol-d6

Concen: 128.04 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

Instrument :

BNA_M

ClientSampled :

220-2-STONE

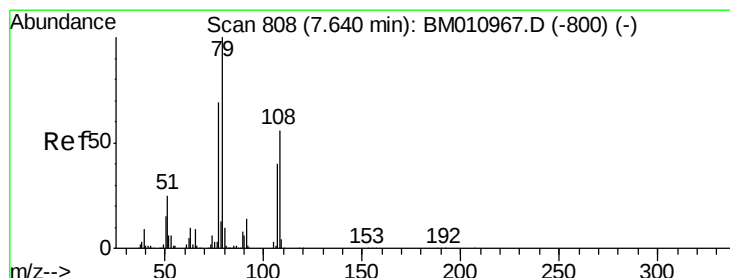
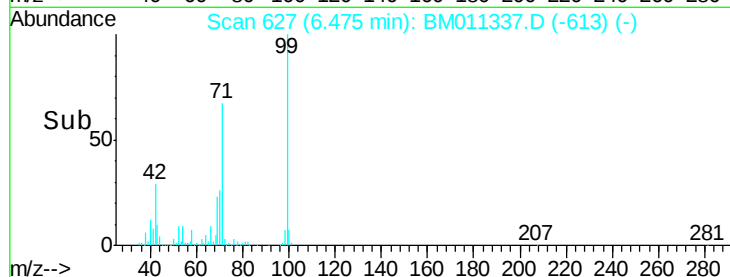
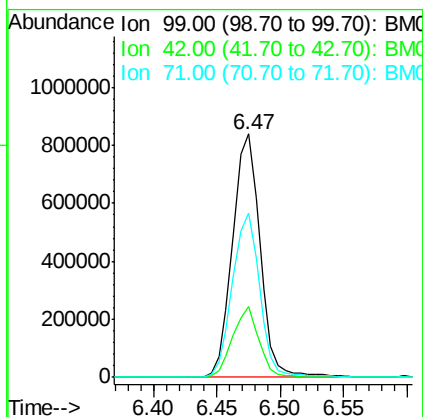
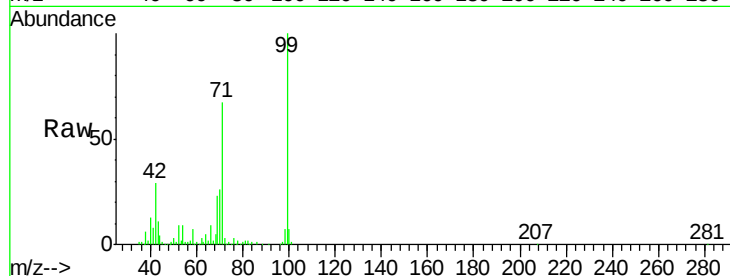
Tot Ion: 99 Resp: 1267293

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

71 67.5 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.18 ng

RT: 7.57 min Scan# 814

Delta R.T. 0.04 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

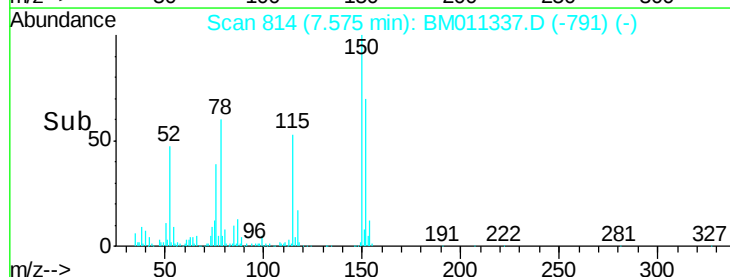
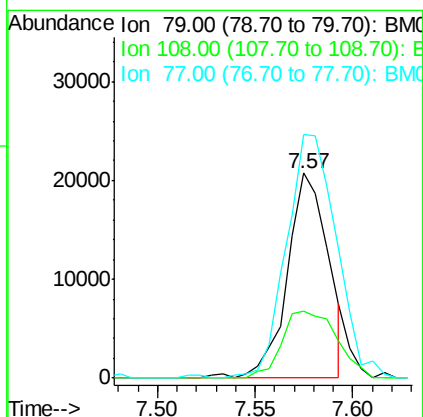
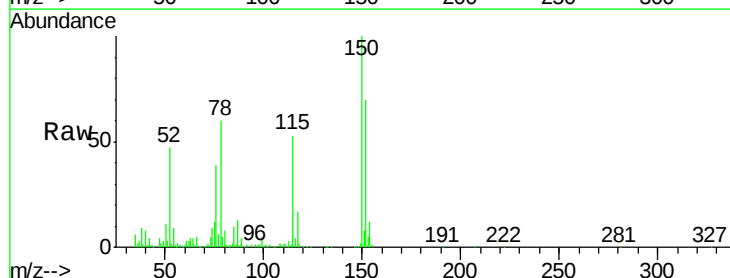
Tgt Ion: 79 Resp: 30165

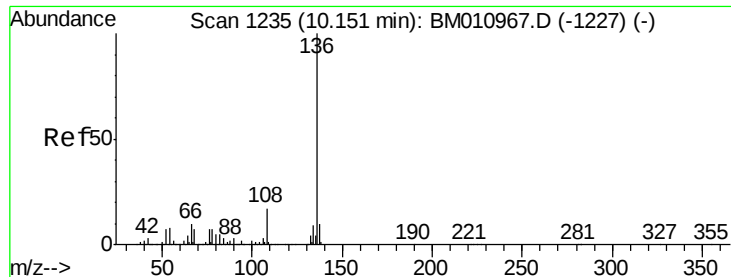
Ion Ratio Lower Upper

79 100

108 32.4 65.0 97.4#

77 118.8 53.0 79.6#

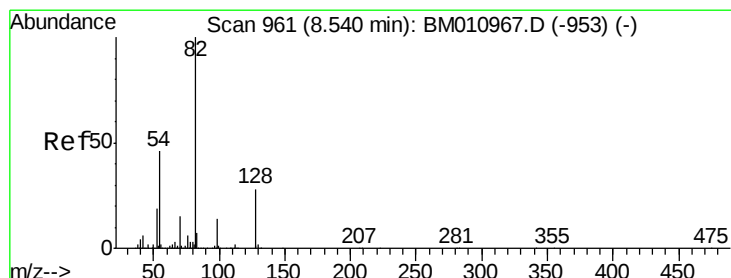
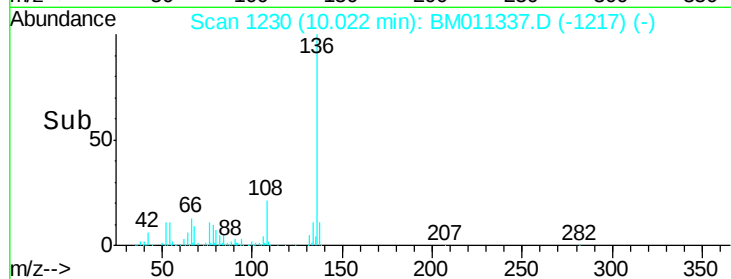
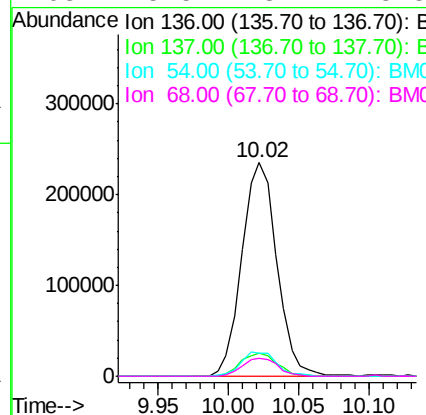
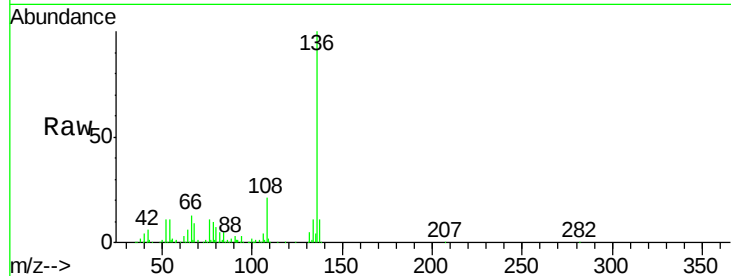




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

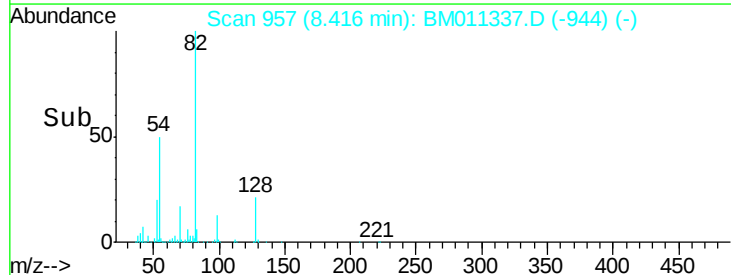
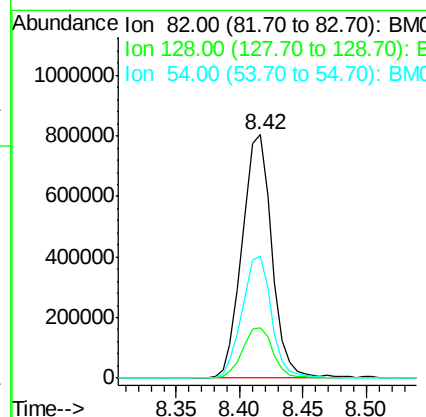
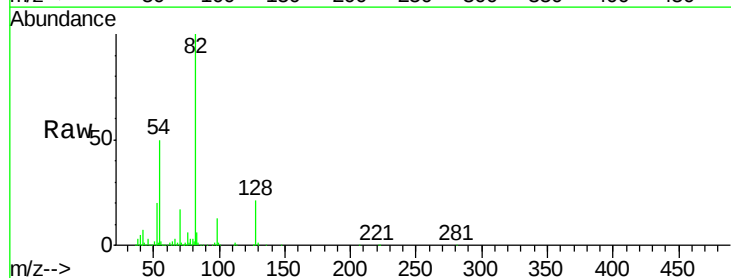
Instrument :
BNA_M
ClientSampleId :
220-2-STONE

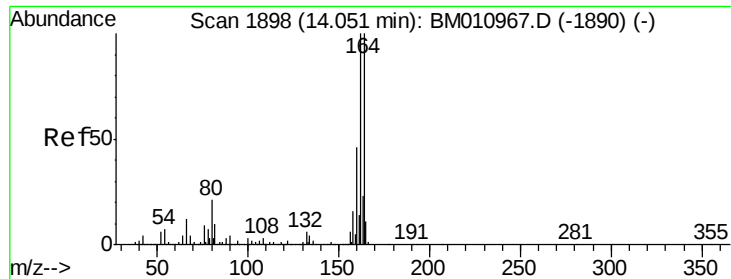
Tot Ion:136	Resp:	409109
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	10.7	4.6 6.8#
68	8.5	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 120.61 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion: 82	Resp:	1314746
Ion Ratio	Lower	Upper
82	100	
128	20.8	32.8 49.2#
54	50.2	40.6 60.8

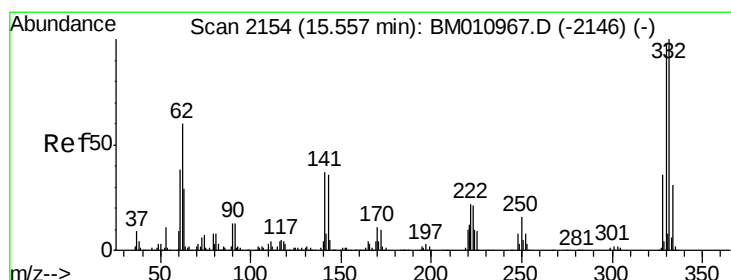
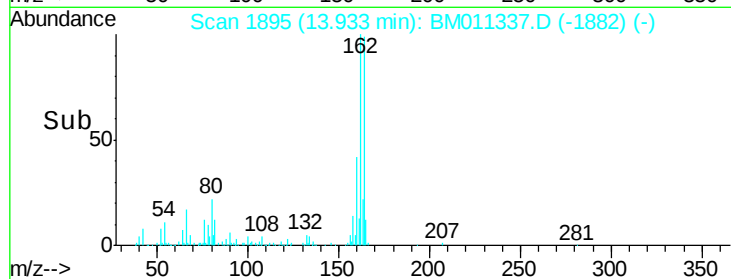
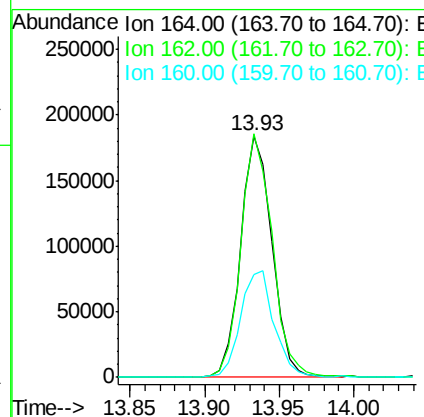
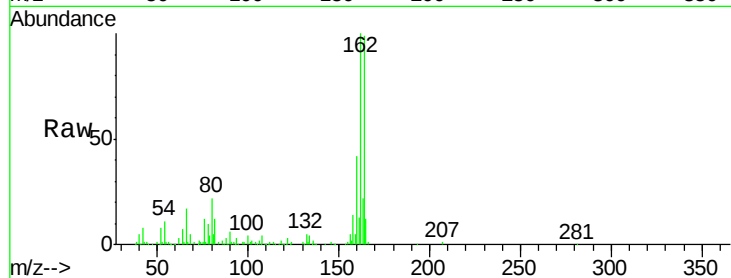




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011337.D
 Acq: 22 Aug 2017 21:11

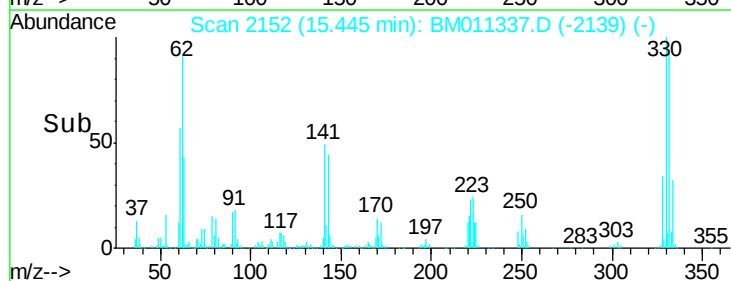
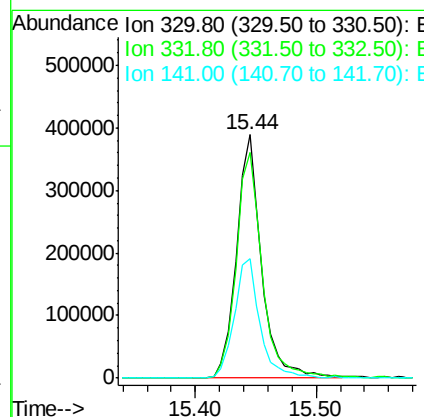
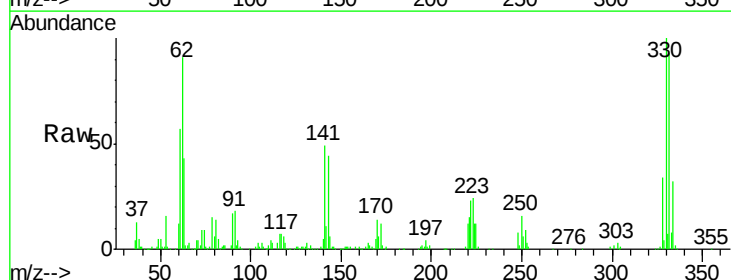
Instrument :
 BNA_M
 ClientSampleId :
 220-2-STONE

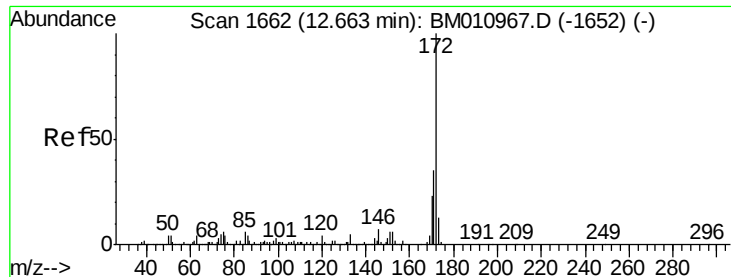
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	42.7	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 130.05 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011337.D
 Acq: 22 Aug 2017 21:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	50.3	0.0	0.0#



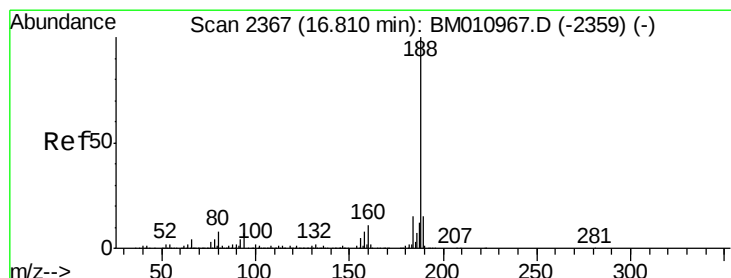
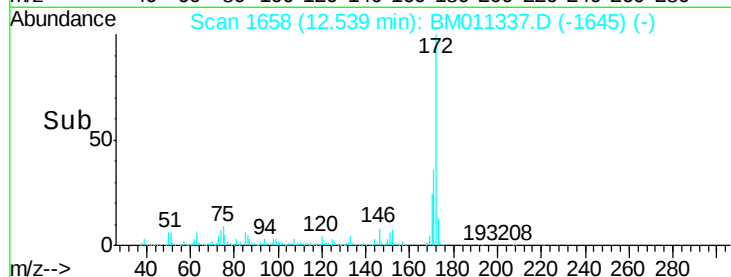
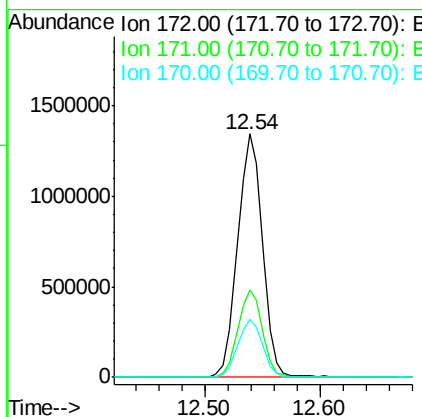
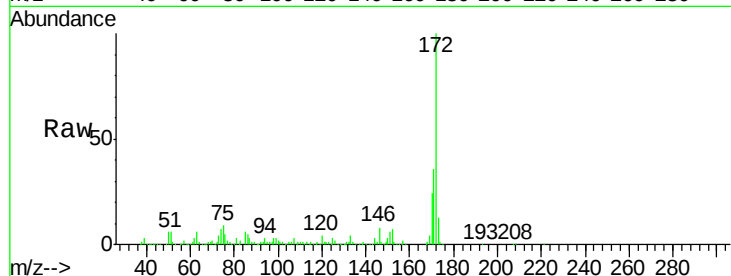


#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011337.D
 Acq: 22 Aug 2017 21:11

Instrument :
 BNA_M
 ClientSampleId :
 220-2-STONE

Tot Ion:172 Resp: 2003605

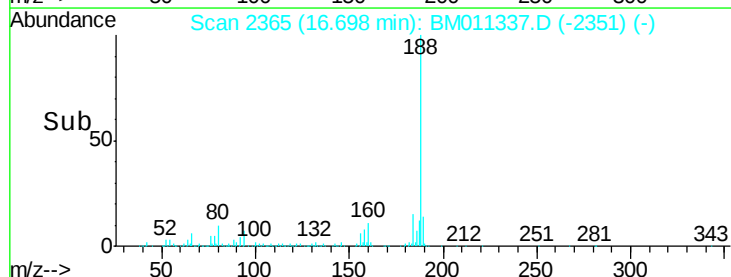
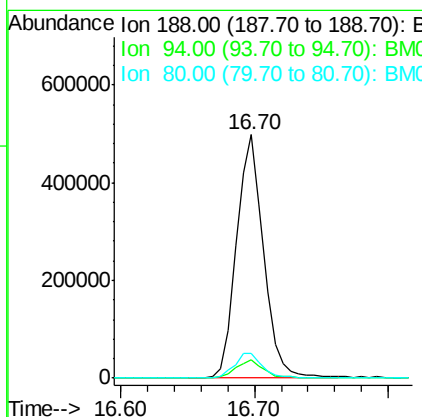
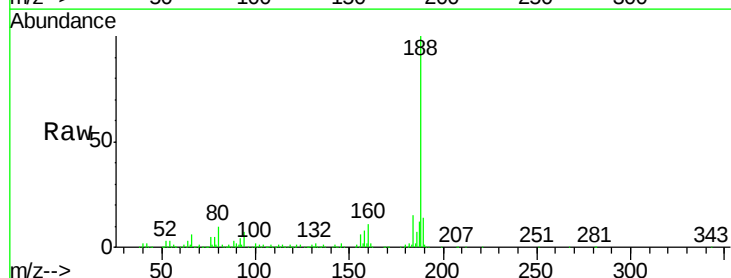
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2

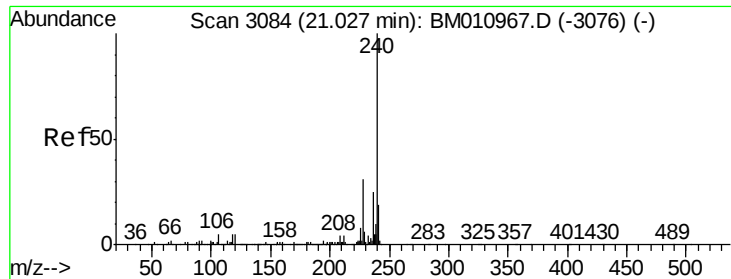


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.70 min Scan# 2365
 Delta R.T. -0.02 min
 Lab File: BM011337.D
 Acq: 22 Aug 2017 21:11

Tgt Ion:188 Resp: 700090

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	10.1	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

Instrument :

BNA_M

ClientSampleId :

220-2-STONE

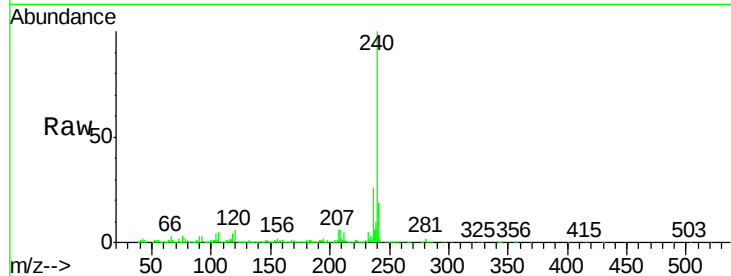
Tot Ion:240 Resp: 1058491

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

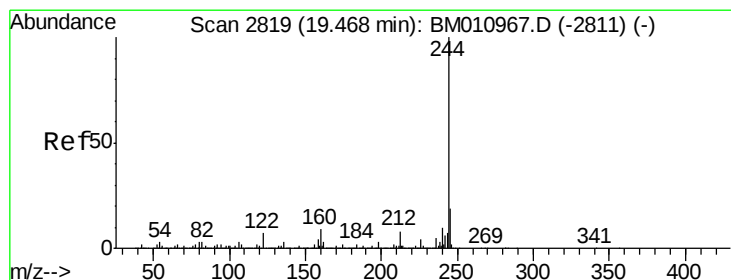
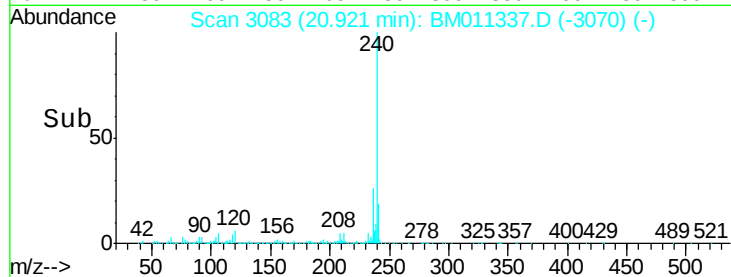
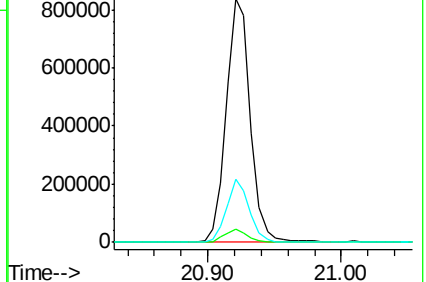
236 25.7 20.0 30.0



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: 70.89 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011337.D

Acq: 22 Aug 2017 21:11

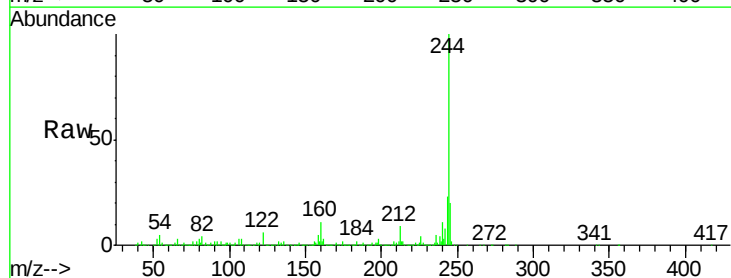
Tgt Ion:244 Resp: 3787947

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

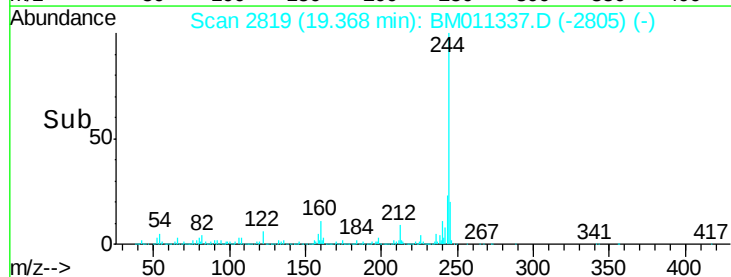
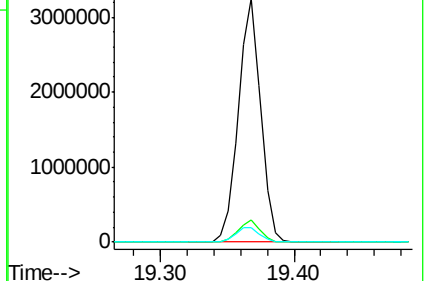
122 6.0 6.2 9.4#

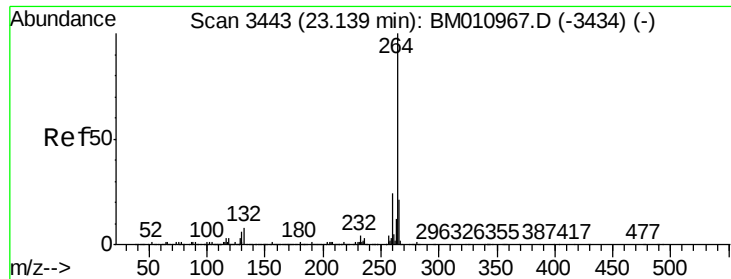


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:264 Resp: 1044350

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	20.7	17.3	25.9

