

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001372.D
 Acq On : 21 May 2015 22:55
 Operator : TP/IZ
 Sample : G2255-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW009-150512

Quant Time: May 22 05:31:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 10:49:04 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

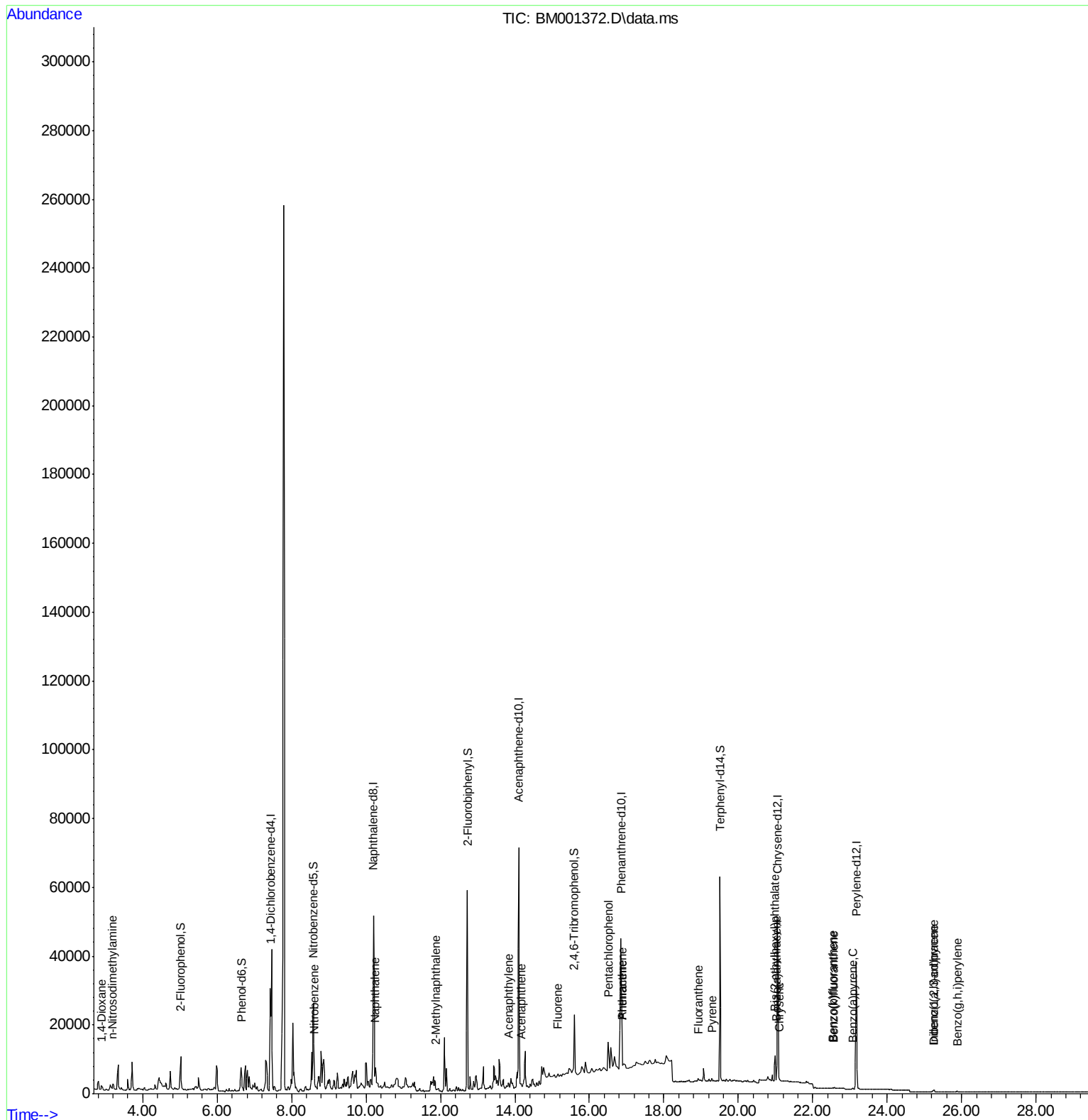
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	15728	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	66055	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	40965	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	78452	5.00	ng	# 0.00
25) Chrysene-d12	21.051	240	57449	5.00	ng	#-0.02
32) Perylene-d12	23.168	264	43067	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.021	112	8701	2.85	ng	0.00
5) Phenol-d6	6.644	99	8212	2.16	ng	0.03
7) Nitrobenzene-d5	8.586	82	23175	6.50	ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	15365	9.03	ng	0.00
14) 2-Fluorobiphenyl	12.719	172	61468	5.03	ng	0.00
27) Terphenyl-d14	19.503	244	57175	7.57	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.903	88	745	0.30	ng	# 40
3) n-Nitrosodimethylamine	3.197	42	325	0.18	ng	# 17
8) Nitrobenzene	8.617	77	2929	0.76	ng	# 47
9) Naphthalene	10.250	128	6387	0.45	ng	# 31
11) 2-Methylnaphthalene	11.886	142	449	0.04	ng	# 1
15) Acenaphthylene	13.817	152	887	0.05	ng	# 1
16) Acenaphthene	14.168	154	591	0.05	ng	# 83
17) Fluorene	15.153	166	1477	0.17	ng	# 67
19) 4-Bromophenyl-phenylether	16.036	248	45	Below Cal		# 1
21) Pentachlorophenol	16.512	266	224	0.46	ng	# 85
22) Phenanthrene	16.886	178	3732	0.14	ng	# 73
23) Anthracene	16.886	178	2925	0.27	ng	# 43
24) Fluoranthene	18.922	202	598	0.03	ng	# 76
26) Pyrene	19.285	202	1402	0.08	ng	# 82
28) Benzo(a)anthracene	21.036	228	664	0.04	ng	# 17
29) Chrysene	21.098	228	704	0.04	ng	# 17
30) Bis(2-ethylhexyl)phtha...	20.990	149	8924	1.04	ng	97
31) Indeno(1,2,3-cd)pyrene	25.242	276	486	0.03	ng	# 65
33) Benzo(b)fluoranthene	22.542	252	463	0.03	ng	# 1
34) Benzo(k)fluoranthene	22.573	252	355	0.03	ng	# 1
35) Benzo(a)pyrene	23.074	252	271	0.02	ng	# 1
36) Dibenzo(a,h)anthracene	25.253	278	611	0.06	ng	# 22
37) Benzo(g,h,i)perylene	25.878	276	372	0.03	ng	# 35

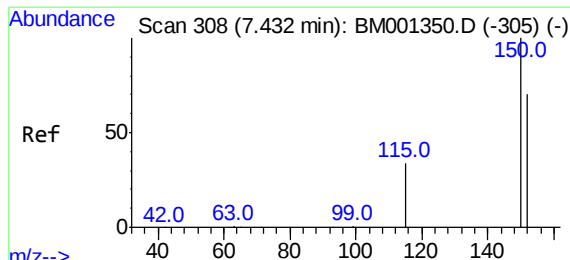
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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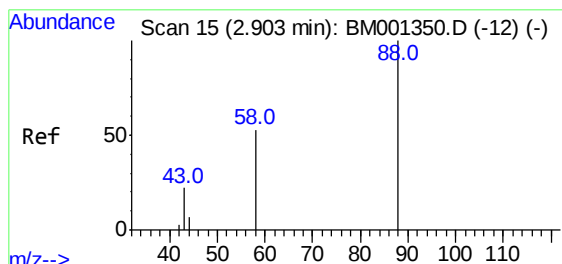
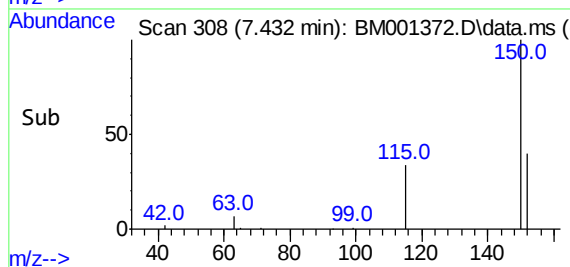
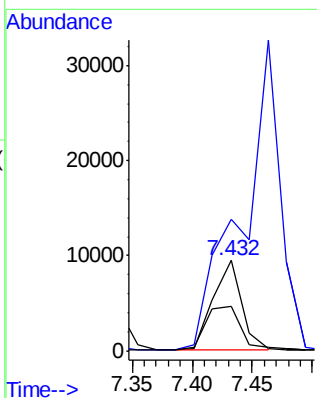
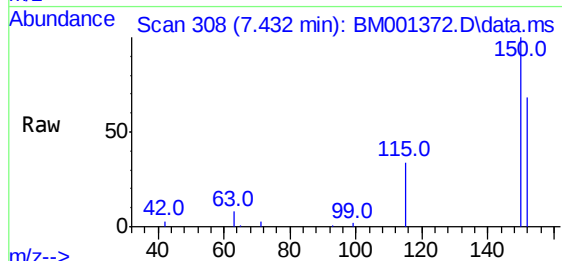




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.432 min Scan# 308
 Delta R.T. 0.000 min
 Lab File: BM001372.D
 Acq: 21 May 2015 22:55

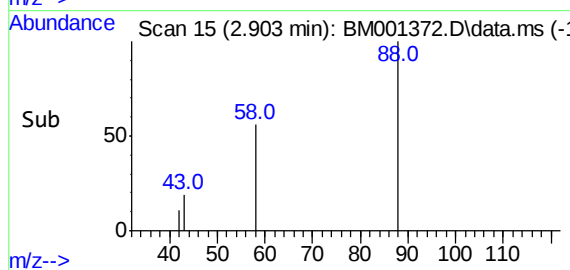
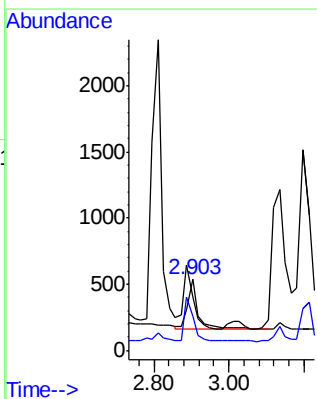
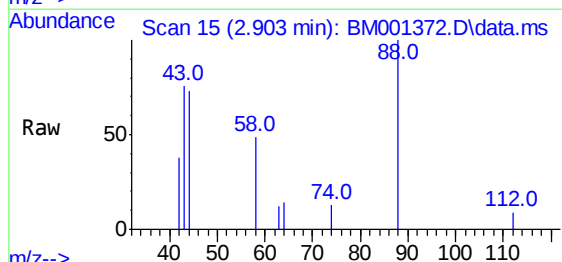
Instrument :
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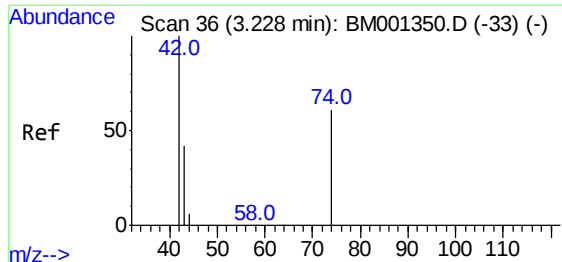
Tgt Ion:152 Resp: 15728
 Ion Ratio Lower Upper
 152 100
 150 146.1 114.1 171.1
 115 49.1 39.2 58.8



#2
 1,4-Dioxane
 Concen: 0.30 ng
 RT: 2.903 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BM001372.D
 Acq: 21 May 2015 22:55

Tgt Ion: 88 Resp: 745
 Ion Ratio Lower Upper
 88 100
 58 75.3 53.1 79.7
 43 123.2 27.8 41.8#

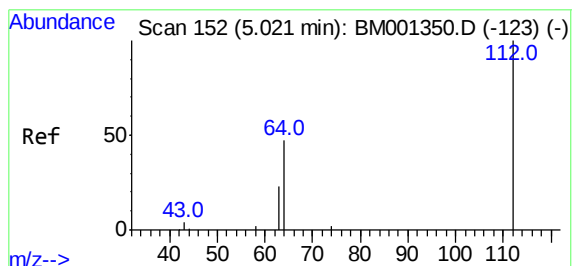
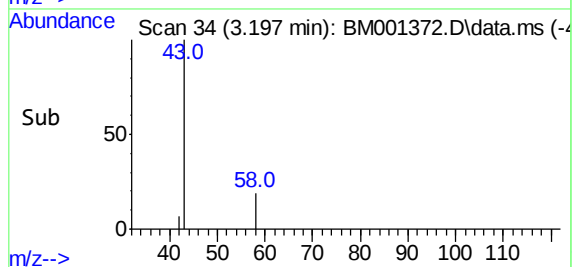
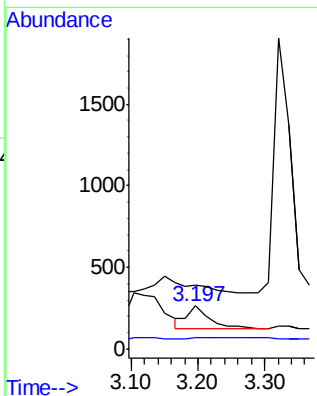
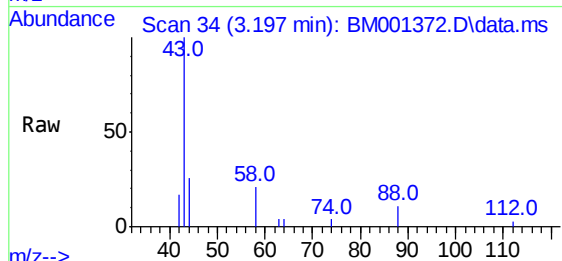




#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.197 min Scan# 34
Delta R.T. -0.031 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

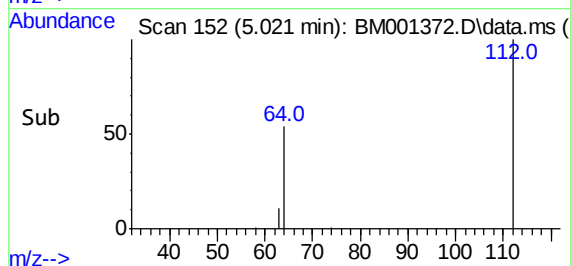
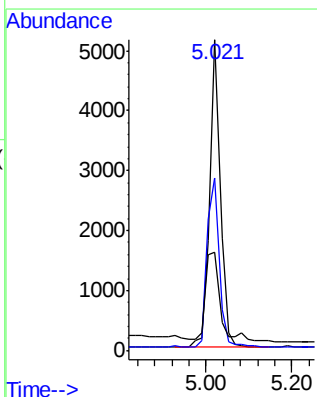
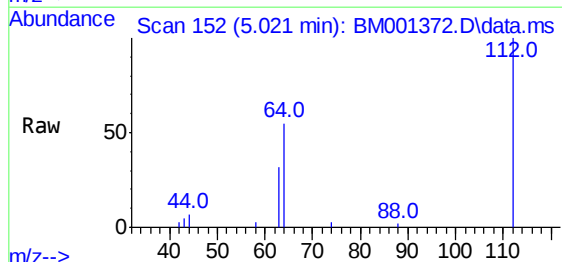
Instrument :
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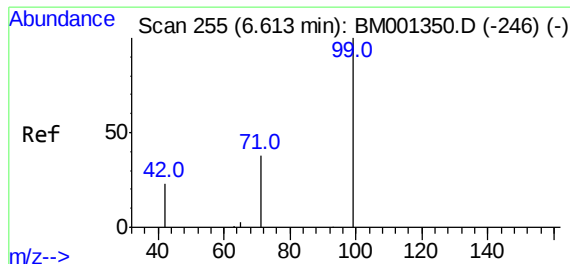
Tgt Ion: 42 Resp: 325
Ion Ratio Lower Upper
42 100
74 7.1 70.0 105.0#
44 0.0 3.6 5.4#



#4
2-Fluorophenol
Concen: 2.85 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion: 112 Resp: 8701
Ion Ratio Lower Upper
112 100
64 62.8 52.9 79.3
63 43.1 29.6 44.4

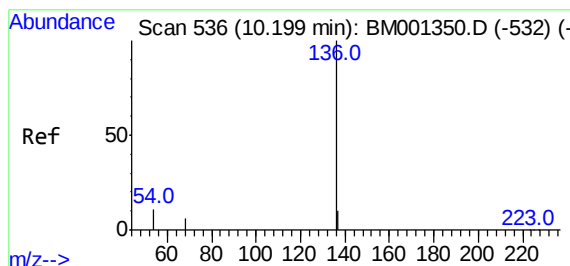
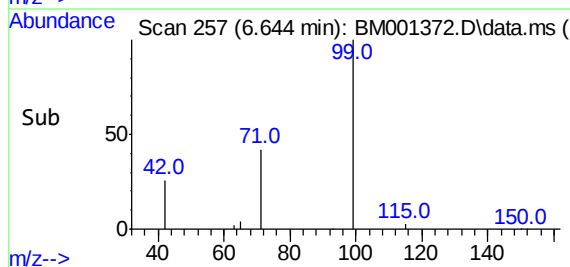
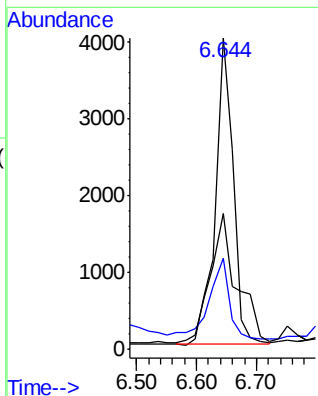
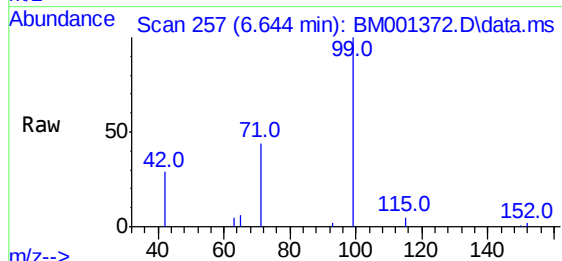




#5
Phenol-d6
Concen: 2.16 ng
RT: 6.644 min Scan# 257
Delta R.T. 0.031 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

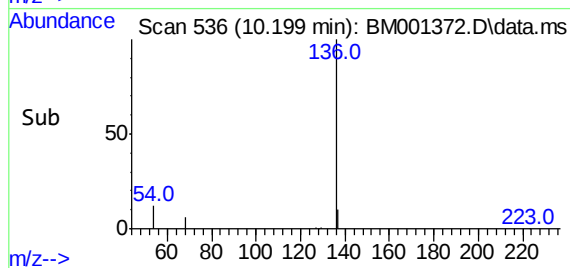
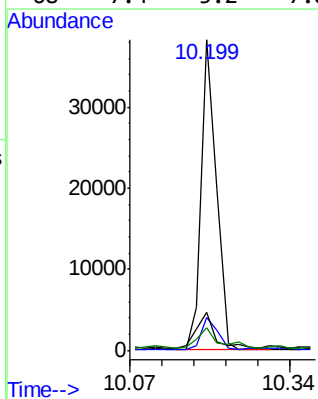
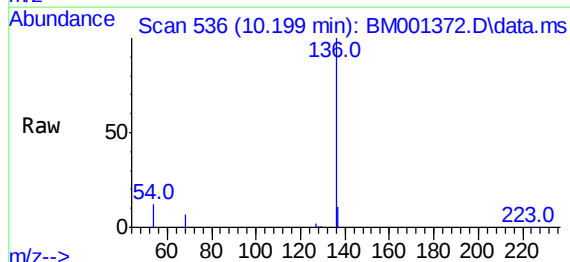
Instrument :
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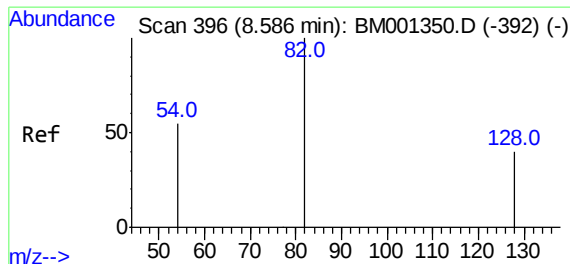
Tgt Ion: 99 Resp: 8212
Ion Ratio Lower Upper
99 100
42 30.2 21.4 32.2
71 63.2 29.0 43.4#



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:136 Resp: 66055
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 12.5 9.4 14.0
68 7.4 5.2 7.8

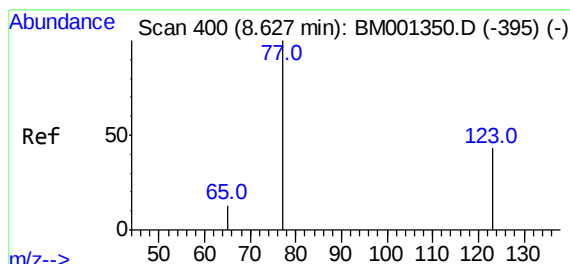
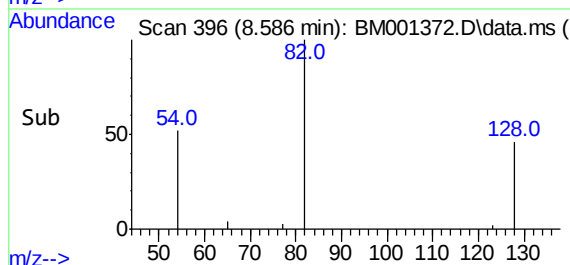
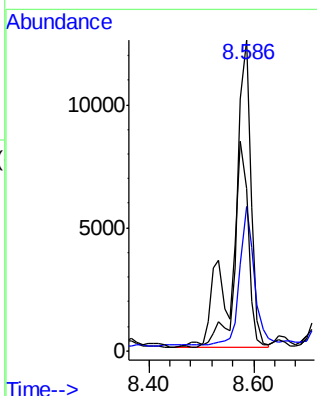
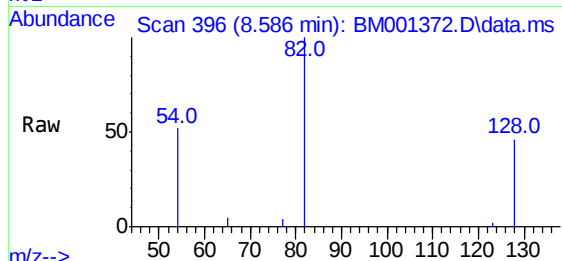




#7
Nitrobenzene-d5
Concen: 6.50 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

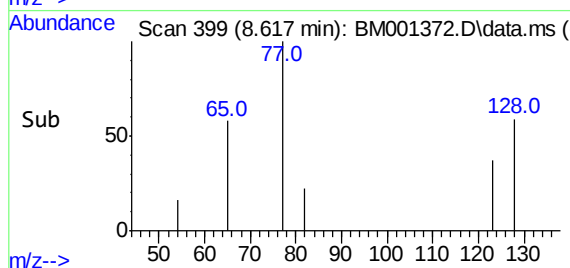
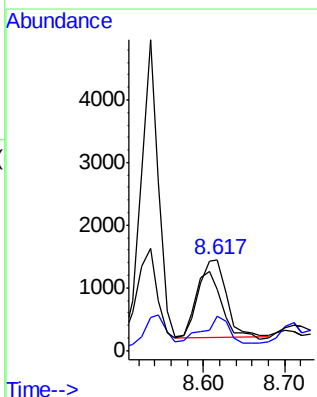
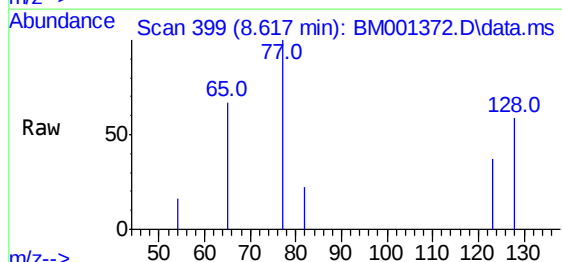
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ClientSampleId :
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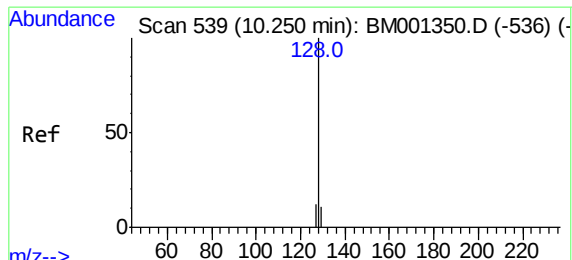
Tgt Ion: 82 Resp: 23175
Ion Ratio Lower Upper
82 100
128 46.4 33.5 50.3
54 52.1 45.1 67.7



#8
Nitrobenzene
Concen: 0.76 ng
RT: 8.617 min Scan# 399
Delta R.T. -0.010 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion: 77 Resp: 2929
Ion Ratio Lower Upper
77 100
123 39.8 33.6 50.4
65 95.9 11.3 16.9#

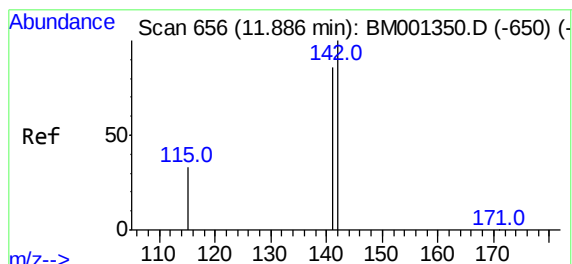
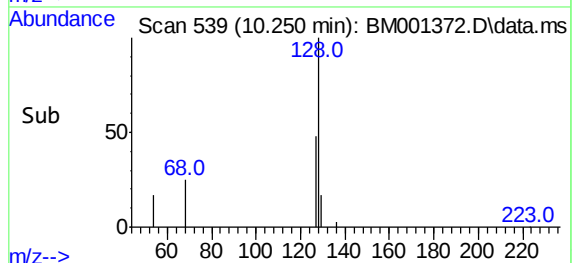
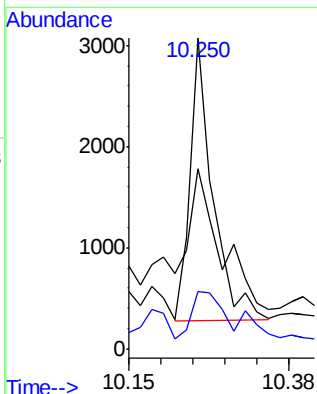
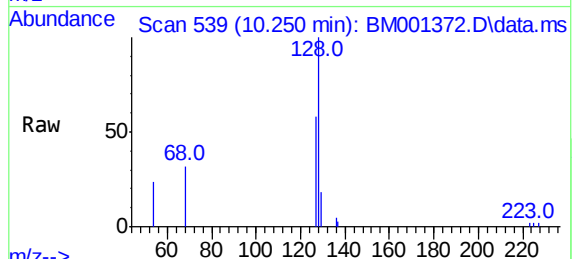




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Naphthalene
Concen: 0.45 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

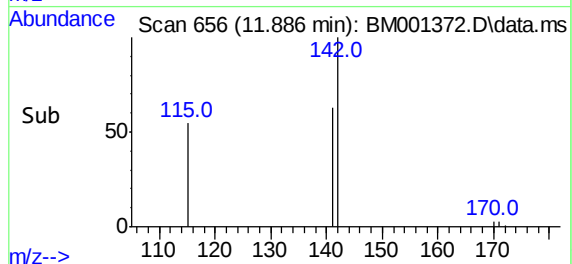
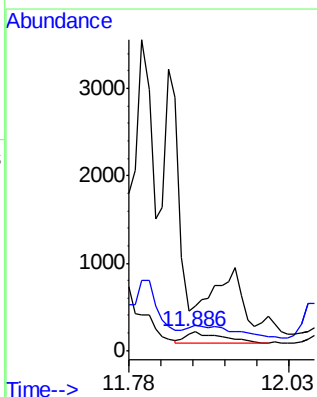
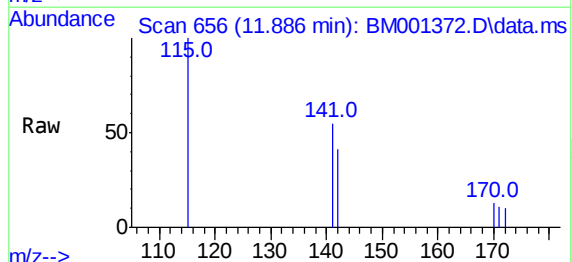
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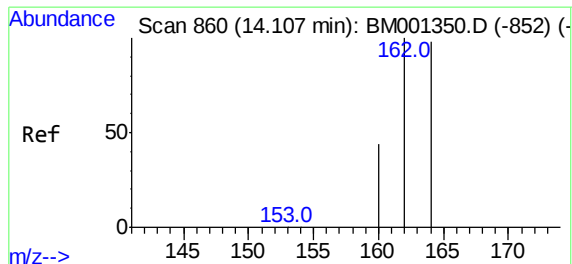
Tgt Ion:128 Resp: 6387
Ion Ratio Lower Upper
128 100
129 18.3 9.1 13.7#
127 57.9 10.4 15.6#



#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 11.886 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:142 Resp: 449
Ion Ratio Lower Upper
142 100
141 132.4 69.0 103.4#
115 242.3 27.1 40.7#

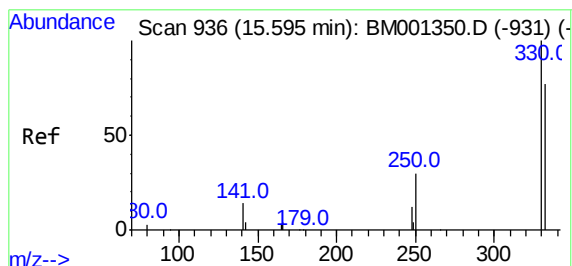
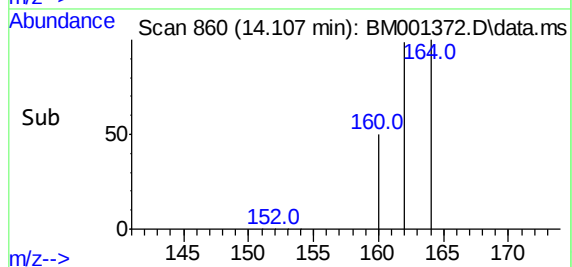
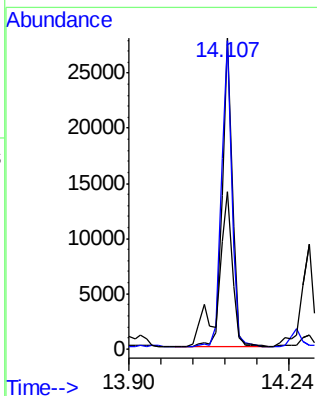
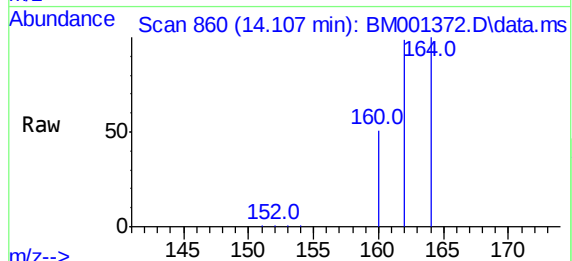




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

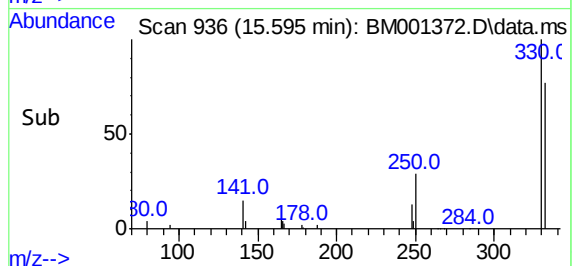
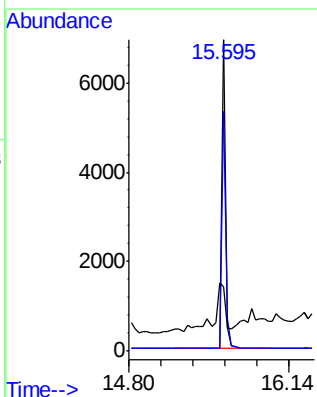
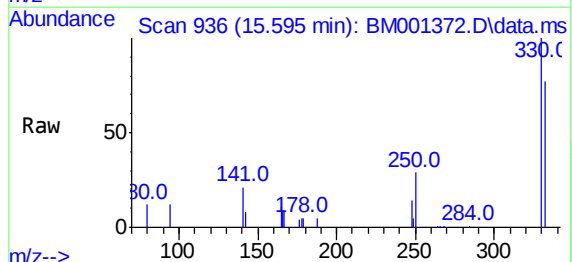
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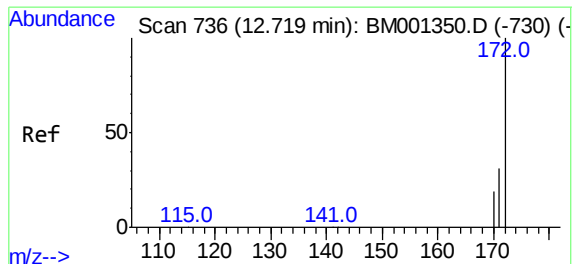
Tgt Ion:164 Resp: 40965
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.8
160 50.6 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 9.03 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:330 Resp: 15365
Ion Ratio Lower Upper
330 100
332 81.2 65.4 98.2
141 0.0 20.2 30.4#

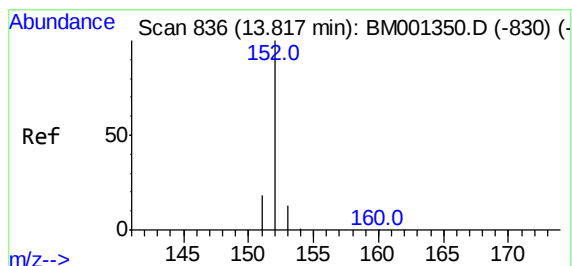
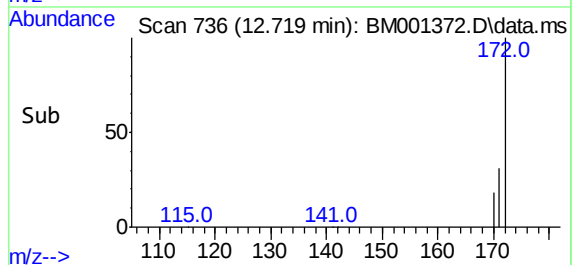
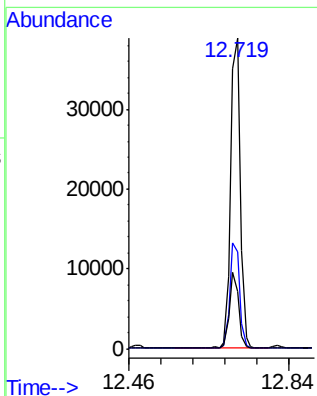
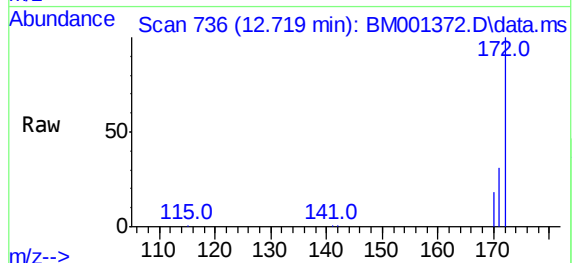




#14
2-Fluorobiphenyl
Concen: 5.03 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

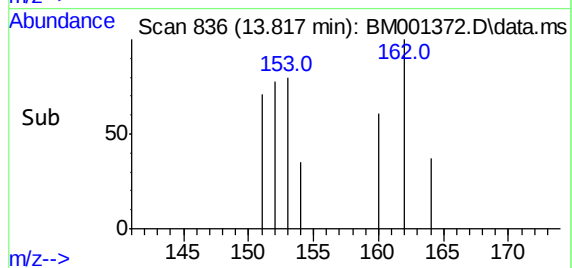
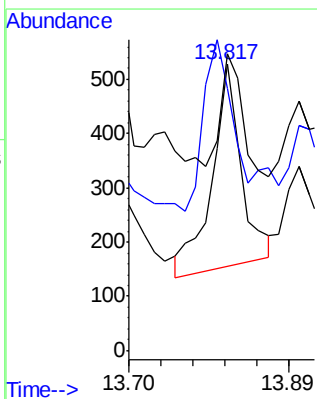
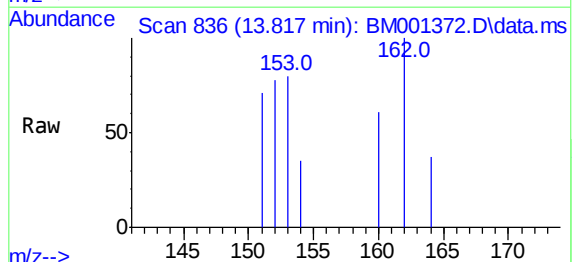
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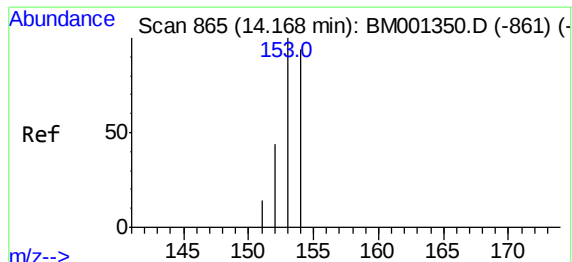
Tgt Ion:172 Resp: 61468
Ion Ratio Lower Upper
172 100
171 31.0 25.4 38.2
170 18.2 15.7 23.5



#15
Acenaphthylene
Concen: 0.05 ng
RT: 13.817 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:152 Resp: 887
Ion Ratio Lower Upper
152 100
151 113.3 15.3 22.9#
153 43.2 10.3 15.5#

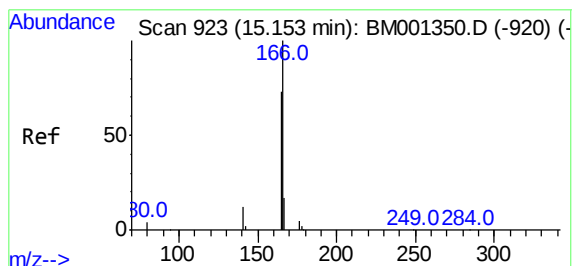
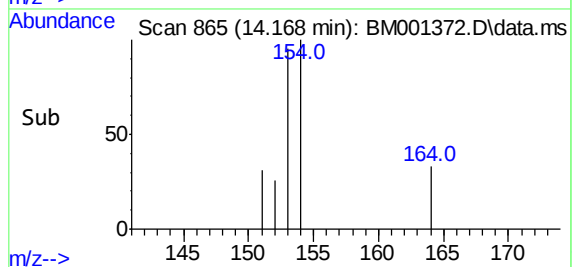
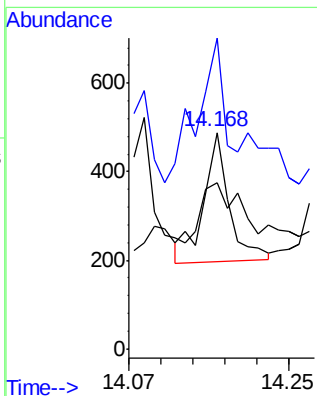
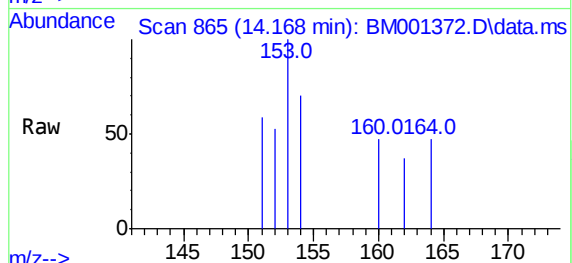




#16
Acenaphthene
Concen: 0.05 ng
RT: 14.168 min Scan# 865
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

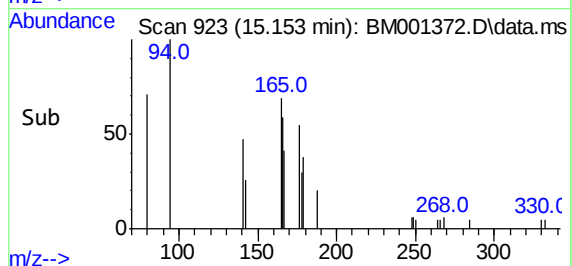
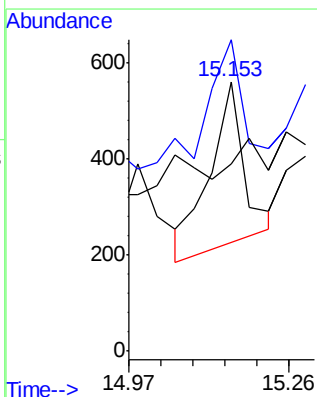
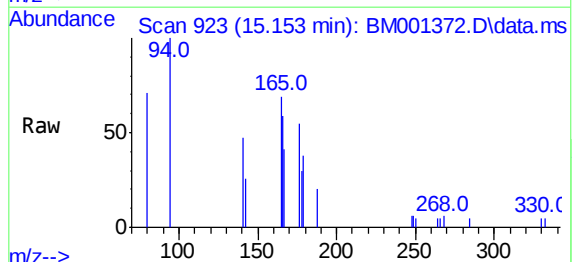
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

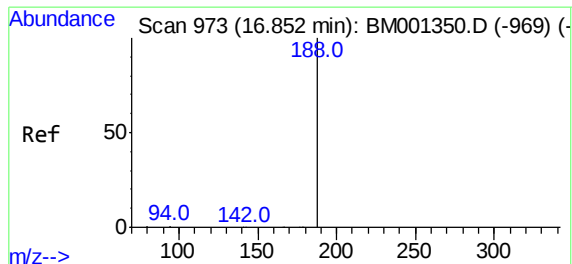
Tgt Ion:154 Resp: 591
Ion Ratio Lower Upper
154 100
153 122.2 90.6 135.8
152 79.4 43.6 65.4#



#17
Fluorene
Concen: 0.17 ng
RT: 15.153 min Scan# 923
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:166 Resp: 1477
Ion Ratio Lower Upper
166 100
165 61.5 72.5 108.7#
167 0.0 16.0 24.0#

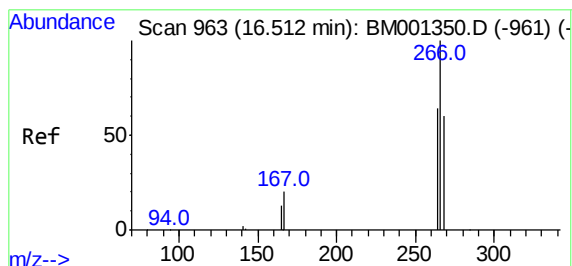
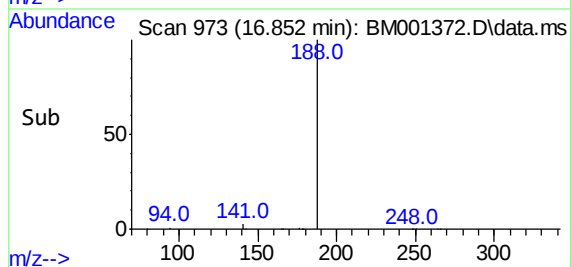
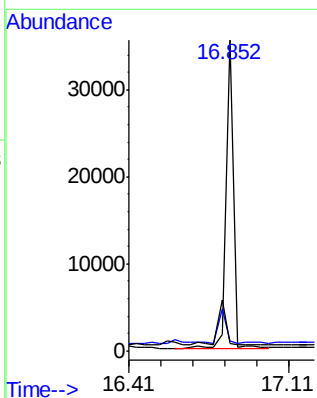
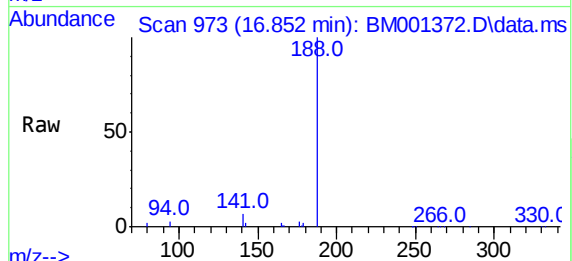




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

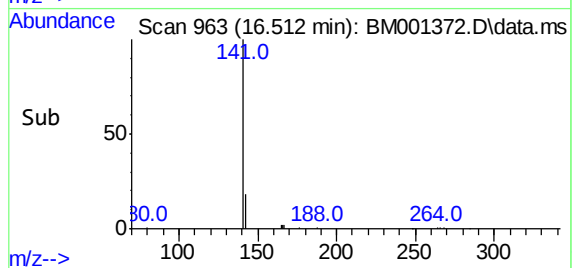
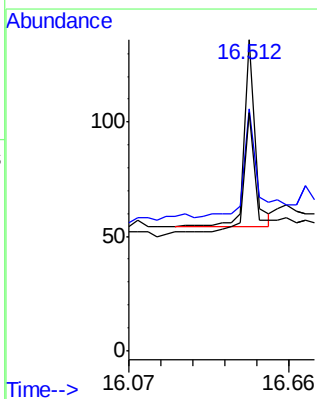
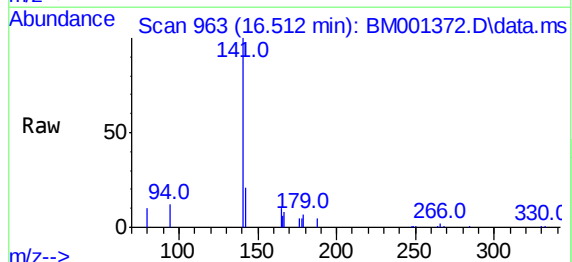
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

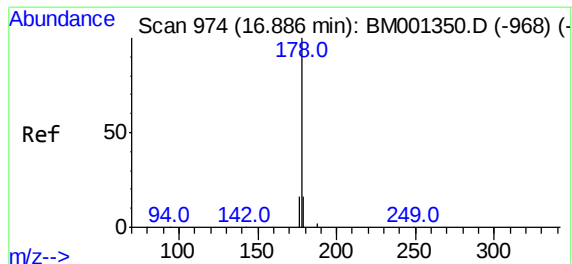
Tgt Ion:188 Resp: 78452
Ion Ratio Lower Upper
188 100
94 3.0 0.6 1.0#
80 2.5 0.6 0.8#



#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.512 min Scan# 963
Delta R.T. 0.001 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:266 Resp: 224
Ion Ratio Lower Upper
266 100
268 77.9 51.2 76.8#
264 76.5 53.7 80.5

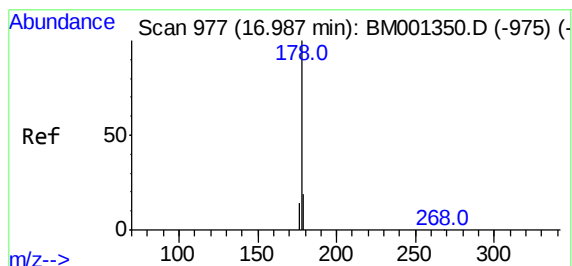
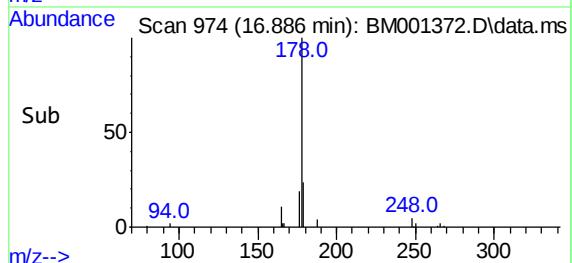
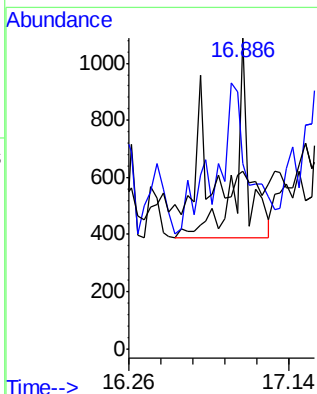
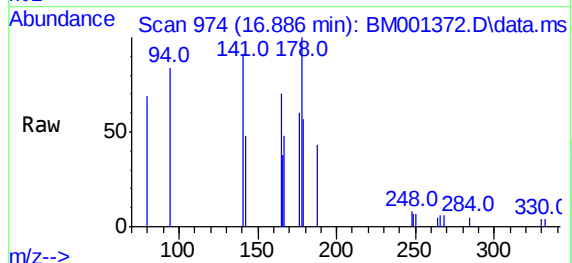




#22
Phenanthrene
Concen: 0.14 ng
RT: 16.886 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

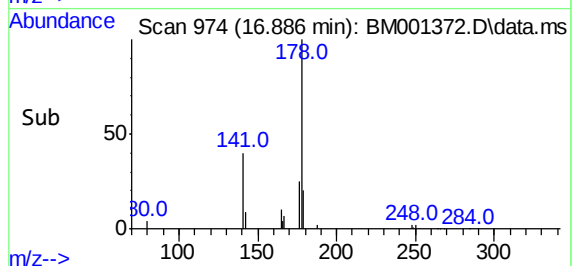
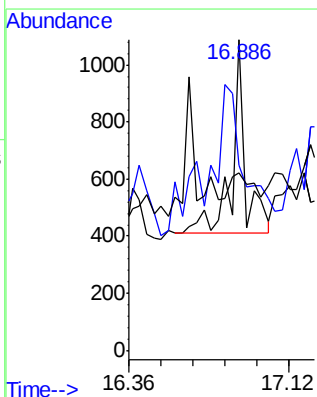
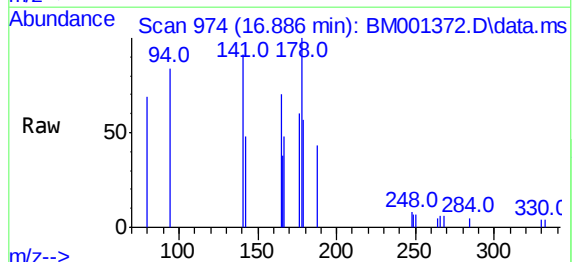
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

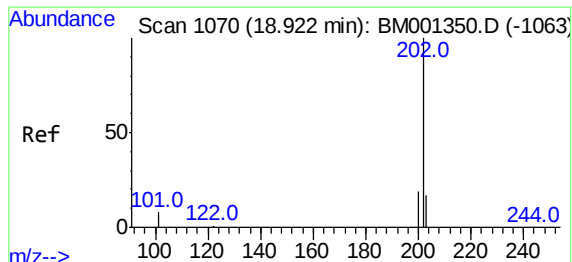
Tgt Ion:178 Resp: 3732
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 17.5 12.8 19.2



#23
Anthracene
Concen: 0.27 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:178 Resp: 2925
Ion Ratio Lower Upper
178 100
176 0.0 46.1 69.1#
179 25.1 35.4 53.0#

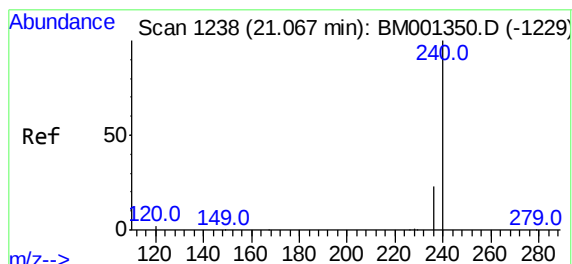
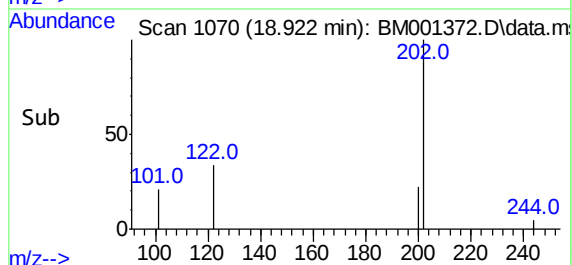
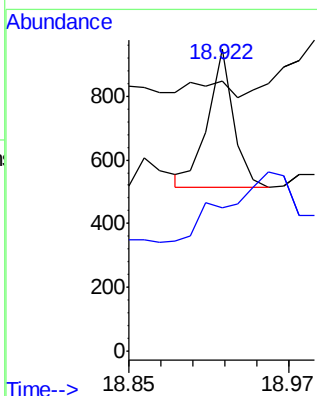
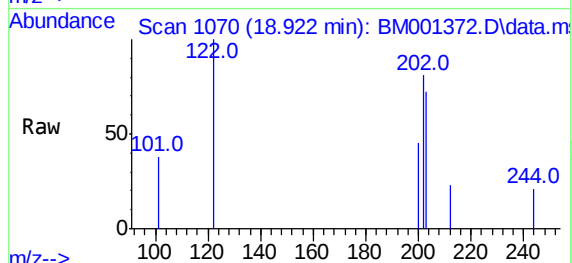




#24
Fluoranthene
Concen: 0.03 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

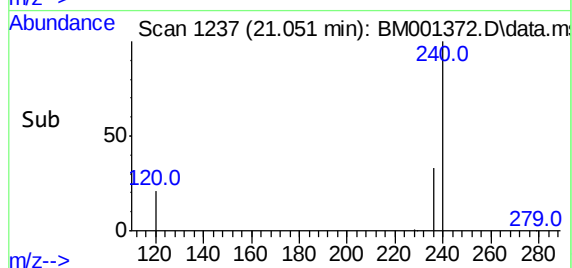
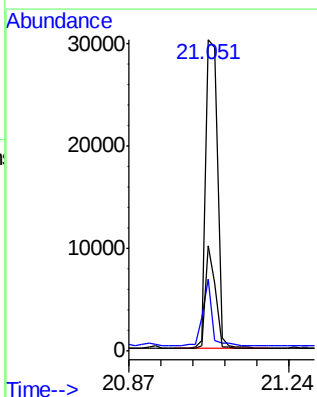
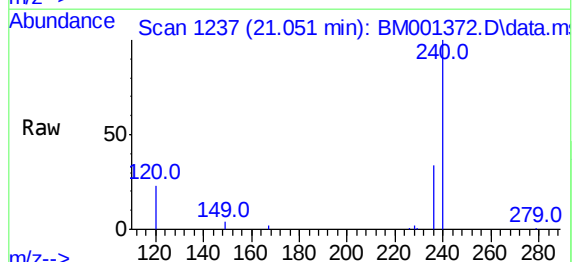
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

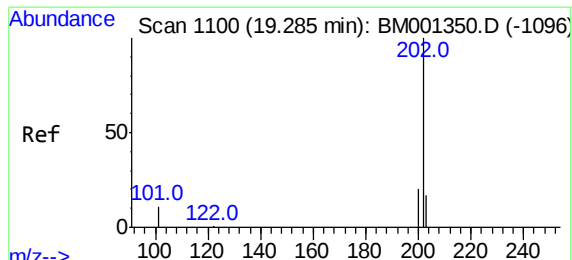
Tgt Ion:202 Resp: 598
Ion Ratio Lower Upper
202 100
101 0.0 8.7 13.1#
203 26.6 13.8 20.6#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:240 Resp: 57449
Ion Ratio Lower Upper
240 100
120 22.8 1.6 2.4#
236 33.8 18.5 27.7#

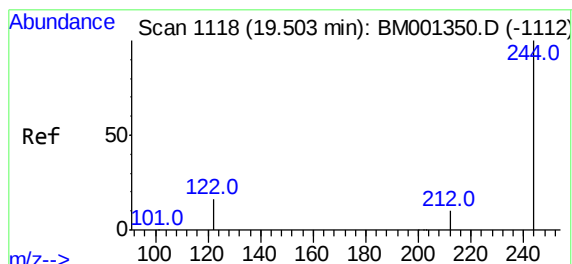
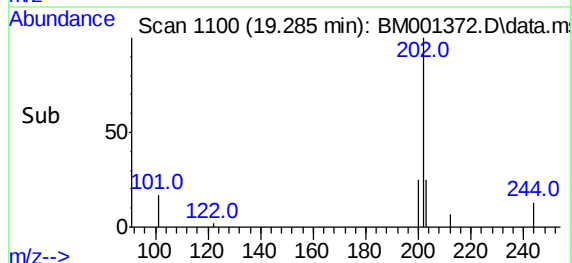
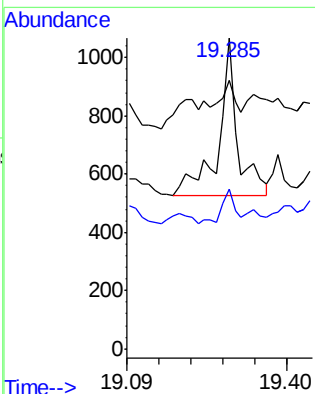
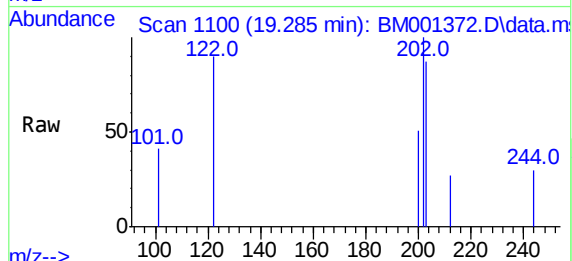




#26
Pyrene
Concen: 0.08 ng
RT: 19.285 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

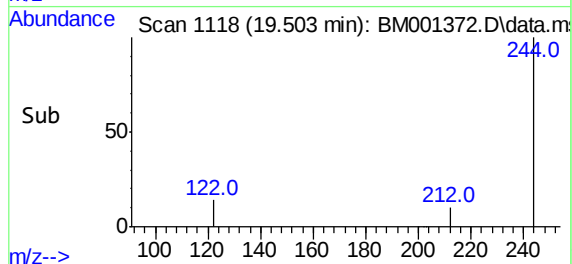
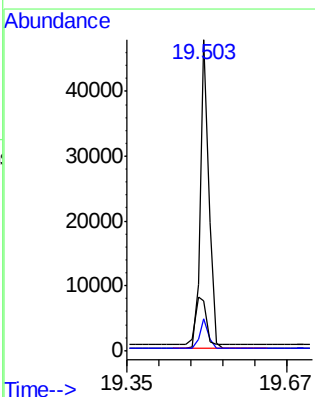
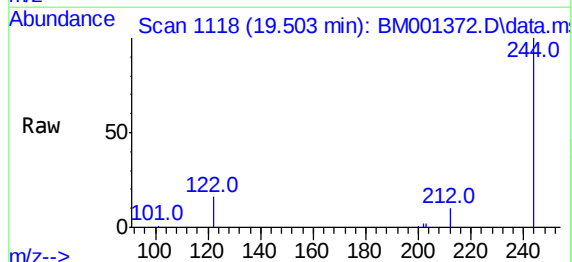
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

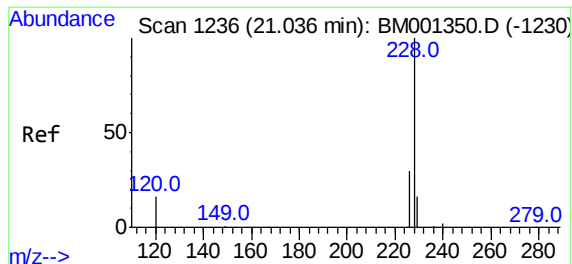
Tgt Ion:202 Resp: 1402
Ion Ratio Lower Upper
202 100
200 10.3 16.2 24.4#
203 11.4 13.9 20.9#



#27
Terphenyl-d14
Concen: 7.57 ng
RT: 19.503 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:244 Resp: 57175
Ion Ratio Lower Upper
244 100
212 10.3 8.5 12.7
122 15.9 13.4 20.2

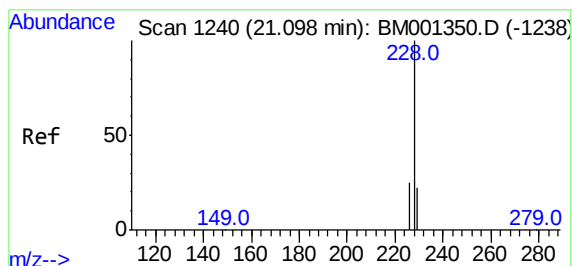
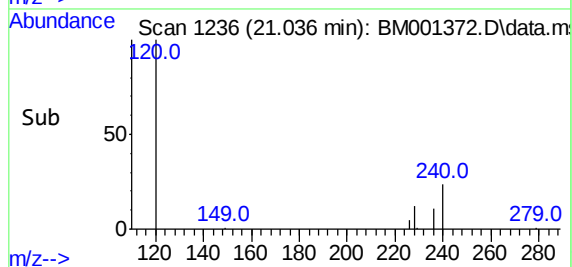
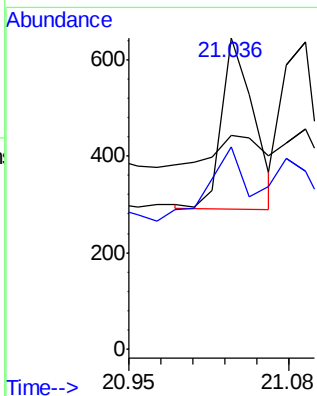
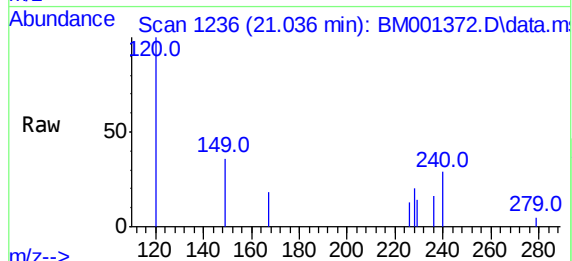




#28
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.036 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

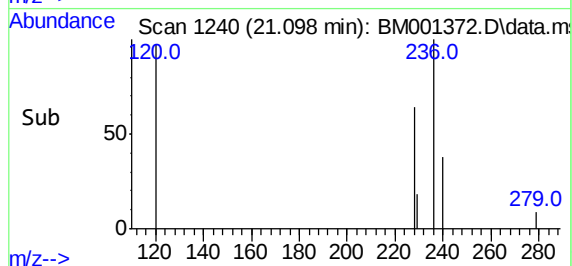
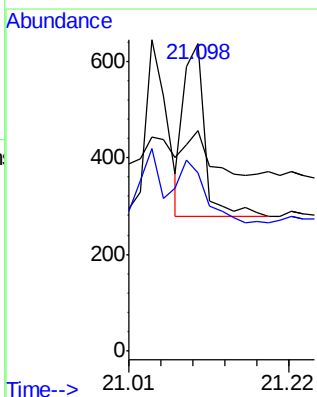
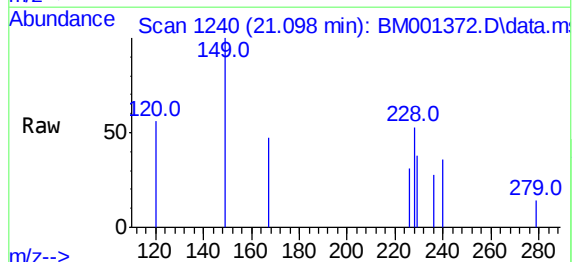
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

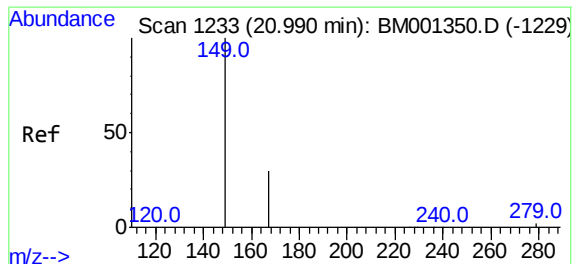
Tgt Ion:228 Resp: 664
Ion Ratio Lower Upper
228 100
226 64.8 24.5 36.7#
229 68.8 13.3 19.9#



#29
Chrysene
Concen: 0.04 ng
RT: 21.098 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

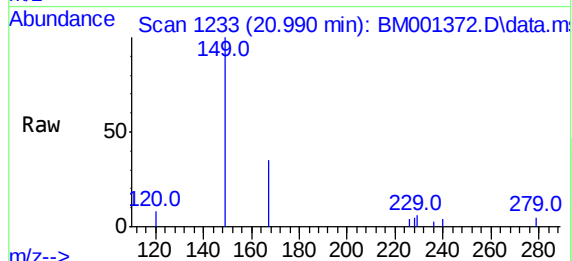
Tgt Ion:228 Resp: 704
Ion Ratio Lower Upper
228 100
226 57.8 20.0 30.0#
229 71.5 17.6 26.4#





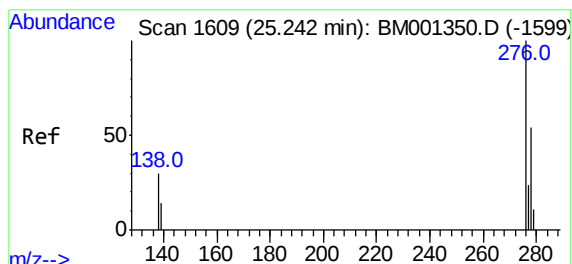
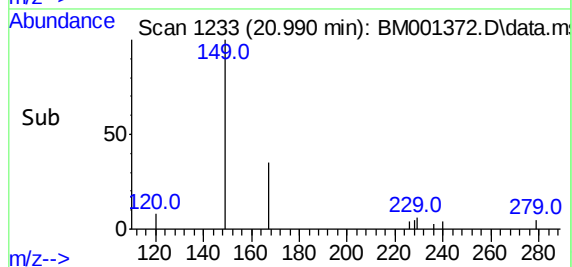
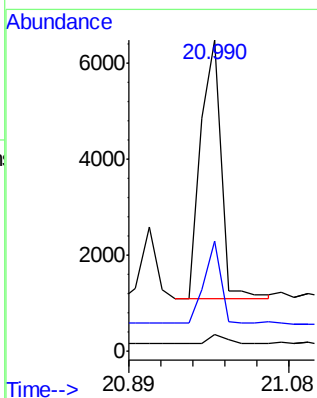
#30
Bis(2-ethylhexyl)phthalate
Concen: 1.04 ng
RT: 20.990 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512



Tgt Ion:149 Resp: 8924

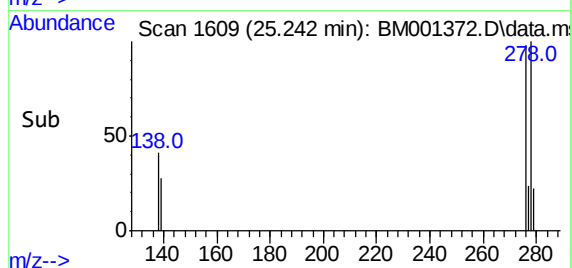
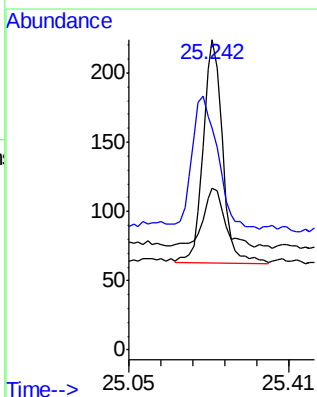
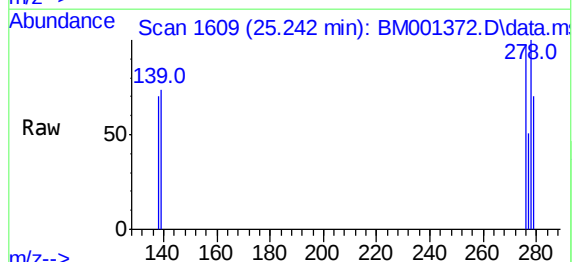
Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.6	32.4
279	2.7	1.9	2.9

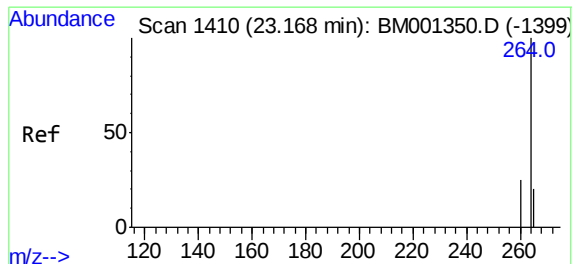


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.242 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:276 Resp: 486

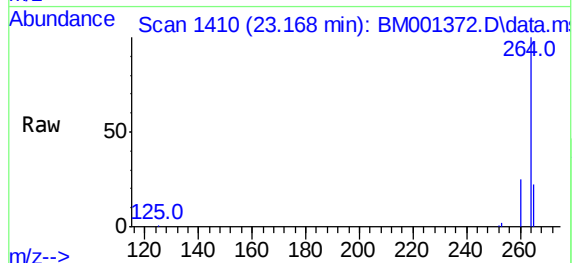
Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.2	36.4#
277	29.8	19.7	29.5#





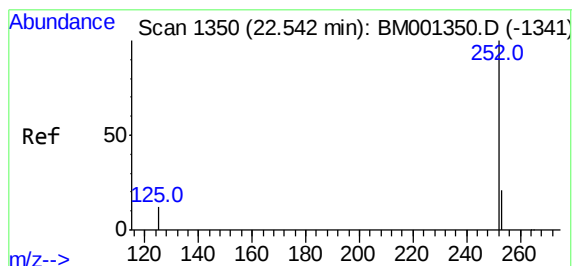
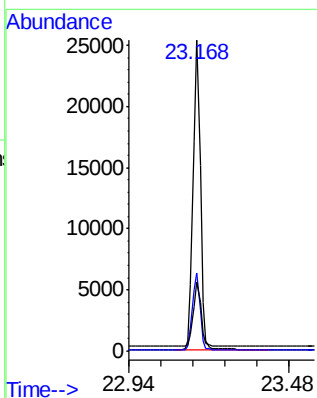
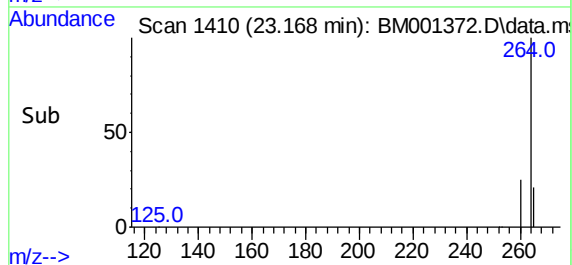
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.168 min Scan# 1410
 Delta R.T. 0.000 min
 Lab File: BM001372.D
 Acq: 21 May 2015 22:55

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW009-150512

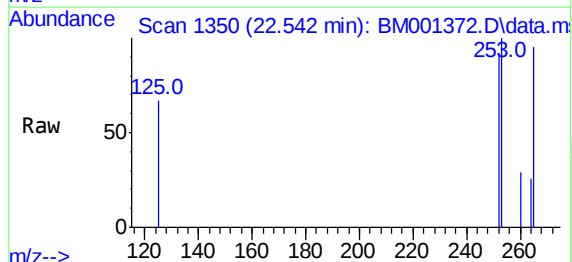


Tgt Ion:264 Resp: 43067

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	22.3	16.6	24.8

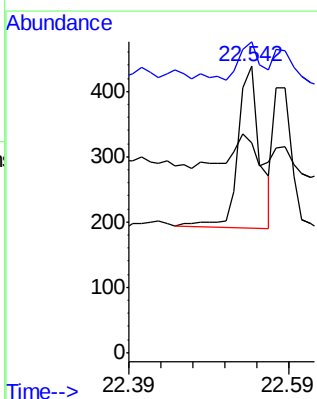
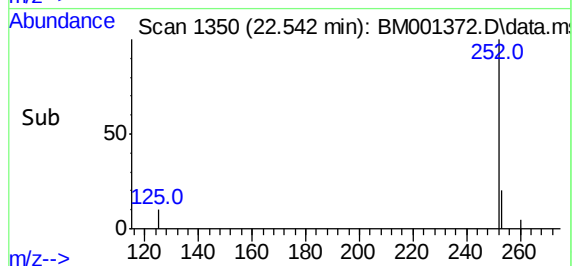


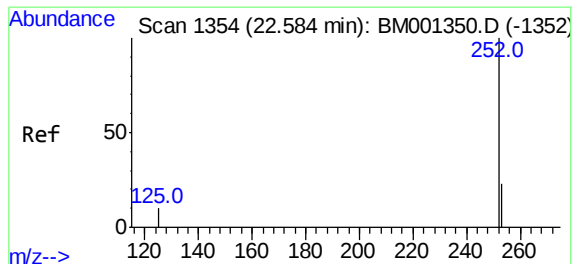
#33
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.542 min Scan# 1350
 Delta R.T. 0.000 min
 Lab File: BM001372.D
 Acq: 21 May 2015 22:55



Tgt Ion:252 Resp: 463

Ion	Ratio	Lower	Upper
252	100		
253	108.4	17.9	26.9#
125	73.1	9.8	14.8#

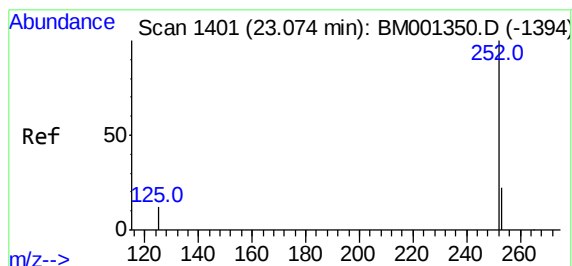
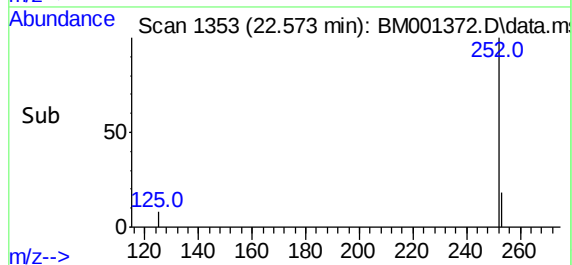
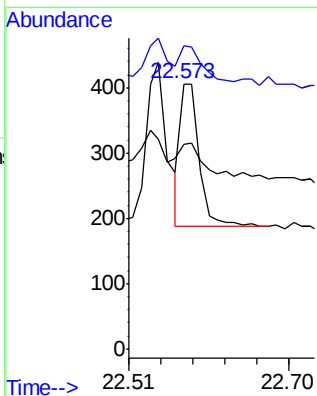
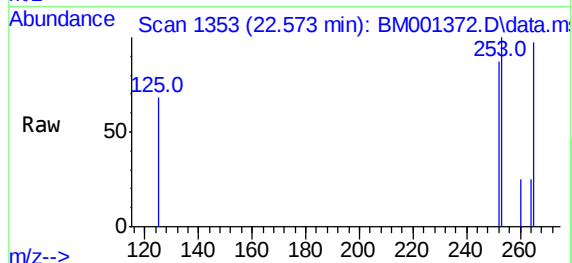




#34
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.573 min Scan# 1353
Delta R.T. -0.010 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

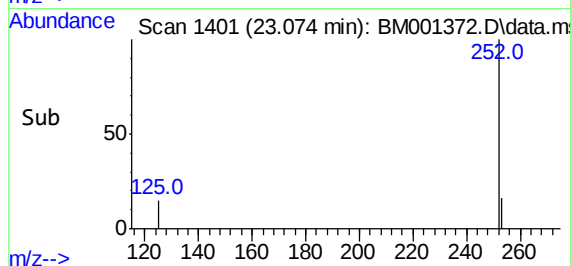
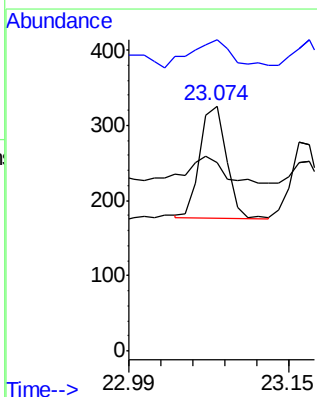
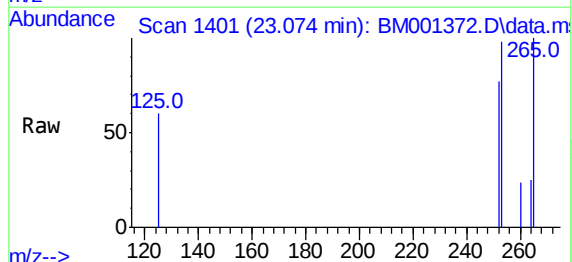
Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

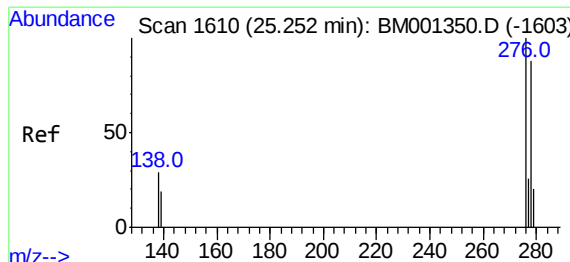
Tgt Ion:252 Resp: 355
Ion Ratio Lower Upper
252 100
253 114.5 18.6 28.0#
125 77.3 9.3 13.9#



#35
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.074 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:252 Resp: 271
Ion Ratio Lower Upper
252 100
253 127.0 18.9 28.3#
125 77.0 10.6 15.8#

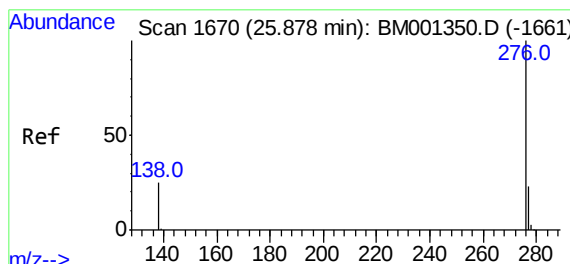
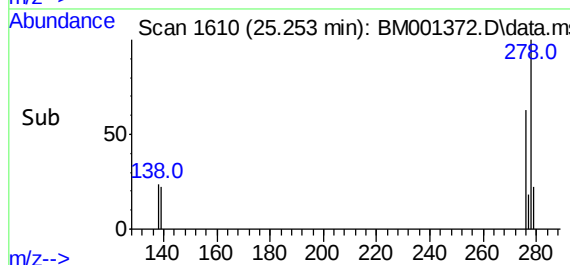
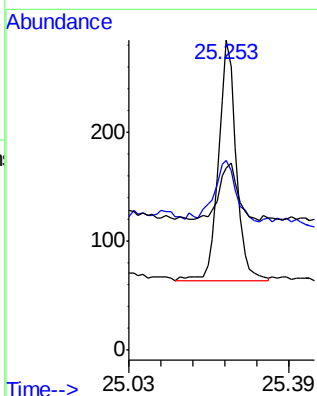
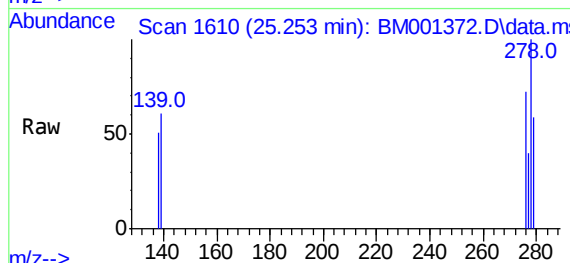




#36
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.253 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Instrument :
BNA_M
ClientSampleId :
SS043MW009-150512

Tgt Ion:278 Resp: 611
Ion Ratio Lower Upper
278 100
139 61.4 17.5 26.3#
279 58.9 18.7 28.1#



#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.878 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM001372.D
Acq: 21 May 2015 22:55

Tgt Ion:276 Resp: 372
Ion Ratio Lower Upper
276 100
277 53.8 19.2 28.8#
138 60.2 20.2 30.4#

